

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
 Data File : BF083256.D
 Acq On : 25 Nov 2015 00:37
 Operator : UM/IZ
 Sample : G4518-03MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-WASTECHARCTARIZATIONM

Quant Time: Nov 25 02:24:55 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	186327	20.00	ng	-0.05
21) Naphthalene-d8	7.90	136	693362	20.00	ng	-0.06
38) Acenaphthene-d10	9.66	164	350950	20.00	ng	-0.05
63) Phenanthrene-d10	11.13	188	652460	20.00	ng	-0.05
75) Chrysene-d12	13.75	240	477557	20.00	ng	-0.06
86) Perylene-d12	15.11	264	411797	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1447898	117.48	ng	-0.06
7) Phenol-d6	6.28	99	1933640	121.26	ng	-0.06
23) Nitrobenzene-d5	7.19	82	1418407	93.48	ng	-0.05
41) 2,4,6-Tribromophenol	10.44	330	509067	141.78	ng	-0.05
44) 2-Fluorobiphenyl	8.98	172	2082759	82.76	ng	-0.05
78) Terphenyl-d14	12.71	244	2150084	106.02	ng	-0.06

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.22	88	189838	31.10	ng	92
3) Pyridine	2.86	79	423793	26.28	ng	94
4) n-Nitrosodimethylamine	2.75	42	314710	42.32	ng	89
6) Aniline	6.28	93	162631	8.35	ng	# 1
8) 2-Chlorophenol	6.41	128	545832	40.99	ng	87
9) Benzaldehyde	6.16	77	301088	36.80	ng	96
10) Phenol	6.30	94	746580	38.70	ng	82
11) bis(2-Chloroethyl)ether	6.36	93	649015	47.12	ng	96
12) 1,3-Dichlorobenzene	6.55	146	577574	37.99	ng	98
13) 1,4-Dichlorobenzene	6.63	146	616125	40.06	ng	98
14) 1,2-Dichlorobenzene	6.79	146	544707	38.97	ng	95
15) Benzyl Alcohol	6.78	79	569527	42.74	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1088825	50.69	ng	86
17) 2-Methylphenol	6.90	107	480469	43.61	ng	98
18) Hexachloroethane	7.12	117	214602	39.62	ng	# 81
19) n-Nitroso-di-n-propylamine	7.05	70	506603	45.65	ng	# 90
20) 3+4-Methylphenols	7.06	107	644955	46.30	ng	97
22) Acetophenone	7.04	105	852343	42.82	ng	# 94
24) Nitrobenzene	7.20	77	676708	41.74	ng	97
25) Isophorone	7.45	82	1295214	45.08	ng	99
26) 2-Nitrophenol	7.52	139	287447	40.16	ng	# 82
27) 2,4-Dimethylphenol	7.59	122	536630	46.98	ng	91
28) bis(2-Chloroethoxy)methane	7.67	93	788690	47.21	ng	99
29) 2,4-Dichlorophenol	7.78	162	490838	45.18	ng	93
30) 1,2,4-Trichlorobenzene	7.85	180	498168	41.74	ng	97
31) Naphthalene	7.92	128	2050884	54.81	ng	98
32) Benzoic acid	7.74	122	333096	37.51	ng	97
33) 4-Chloroaniline	7.99	127	101557	6.99	ng	93
34) Hexachlorobutadiene	8.04	225	275691	39.09	ng	98
35) Caprolactam	8.41	113	34300	9.85	ng	93
36) 4-Chloro-3-methylphenol	8.49	107	547282	43.49	ng	90
37) 2-Methylnaphthalene	8.62	142	1115522	45.93	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	488868	42.98	ng	98
40) Hexachlorocyclopentadiene	8.78	237	520398	80.46	ng	99

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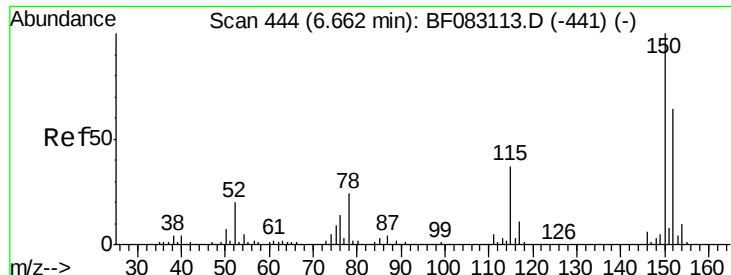
Instrument :
 BNA_F
 ClientSampleId :
 UST-WASTECHARCTARIZATIONM

Quant Time: Nov 25 02:24:55 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	8.90	196	348792	42.81	ng	97
43) 2,4,5-Trichlorophenol	8.95	196	375840	45.12	ng	# 84
45) 1,1'-Biphenyl	9.08	154	1345852	45.06	ng	99
46) 2-Chloronaphthalene	9.10	162	1010371	43.07	ng	94
47) 2-Nitroaniline	9.21	65	435332	52.45	ng	# 86
48) Acenaphthylene	9.52	152	1635697	44.99	ng	99
49) Dimethylphthalate	9.39	163	1189062	44.01	ng	100
50) 2,6-Dinitrotoluene	9.45	165	272637	44.97	ng	90
51) Acenaphthene	9.68	154	964653	43.59	ng	98
52) 3-Nitroaniline	9.62	138	74777	11.57	ng	84
53) 2,4-Dinitrophenol	9.72	184	306974	87.89	ng	# 84
54) Dibenzofuran	9.86	168	1531575	48.95	ng	97
55) 4-Nitrophenol	9.82	139	391470	78.98	ng	91
56) 2,4-Dinitrotoluene	9.85	165	332804	43.32	ng	91
57) Fluorene	10.19	166	1124168	43.48	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	325039	47.57	ng	95
59) Diethylphthalate	10.09	149	1180109	43.88	ng	96
60) 4-Chlorophenyl-phenylether	10.19	204	518337	43.77	ng	96
61) 4-Nitroaniline	10.24	138	277789	43.65	ng	94
62) Azobenzene	10.35	77	1529103	49.81	ng	98
64) 4,6-Dinitro-2-methylphenol	10.26	198	218882	48.69	ng	89
65) n-Nitrosodiphenylamine	10.32	169	1040429	46.89	ng	99
66) 4-Bromophenyl-phenylether	10.68	248	342346	47.28	ng	# 90
67) Hexachlorobenzene	10.74	284	349196	43.80	ng	95
68) Atrazine	10.86	200	363654	56.43	ng	98
69) Pentachlorophenol	10.95	266	452181	87.07	ng	99
70) Phenanthrene	11.15	178	1827618	48.62	ng	99
71) Anthracene	11.20	178	1685636	43.95	ng	99
72) Carbazole	11.37	167	1593187	46.74	ng	98
73) Di-n-butylphthalate	11.70	149	1847340	44.40	ng	100
74) Fluoranthene	12.33	202	1740925	45.25	ng	98
76) Benzidine	12.47	184	78095	6.24	ng	99
77) Pyrene	12.56	202	1918588	58.81	ng	99
79) Butylbenzylphthalate	13.19	149	764939	49.54	ng	85
80) Benzo(a)anthracene	13.74	228	1528356	51.75	ng	99
81) 3,3'-Dichlorobenzidine	13.71	252	183244	17.83	ng	# 98
82) Chrysene	13.78	228	1414538	51.64	ng	99
83) Bis(2-ethylhexyl)phthalate	13.76	149	1032733	51.21	ng	# 96
84) Di-n-octyl phthalate	14.37	149	1497583	43.14	ng	# 95
85) Indeno(1,2,3-cd)pyrene	16.35	276	1252102	50.26	ng	96
87) Benzo(b)fluoranthene	14.74	252	2206198	78.41	ng	# 96
88) Benzo(k)fluoranthene	14.74	252	2206198	105.24	ng	# 98
89) Benzo(a)pyrene	15.05	252	1058625	45.57	ng	# 95
90) Dibenzo(a,h)anthracene	16.37	278	1051363	49.82	ng	97
91) Benzo(g,h,i)perylene	16.72	276	1063237	51.61	ng	# 93

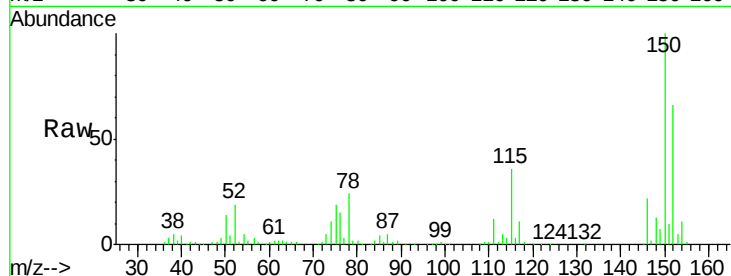
(#) = qualifier out of range (m) = manual integration (+) = signals summed



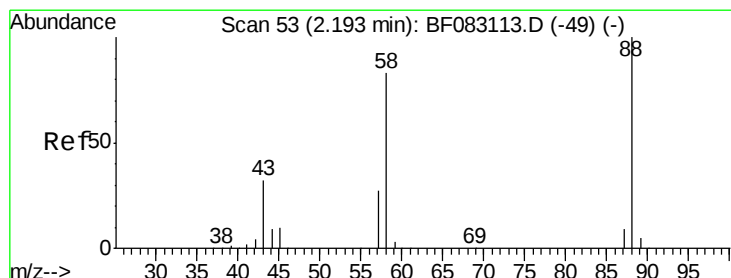
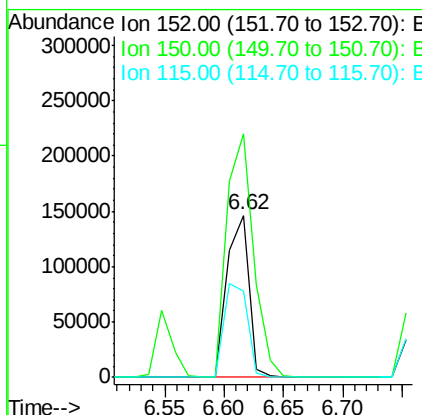
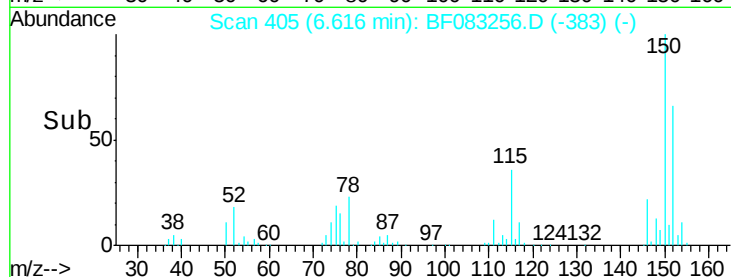
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.62 min Scan# 405
 Delta R.T. -0.05 min
 Lab File: BF083256.D
 Acq: 25 Nov 2015 00:37

Instrument :
 BNA_F
 ClientSampleId :
 UST-WASTECHARCTARIZATIONM

Tgt Ion:152 Resp: 186327
 Ion Ratio Lower Upper
 152 100
 150 150.5 125.8 188.8
 115 53.6 46.9 70.3

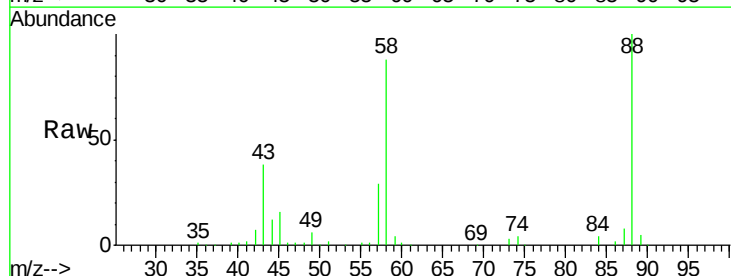


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

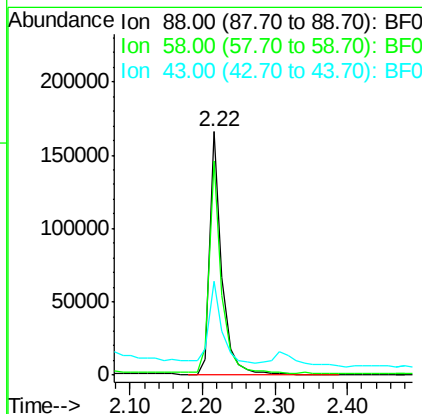
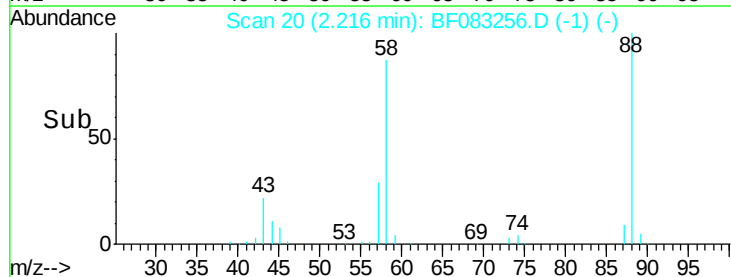


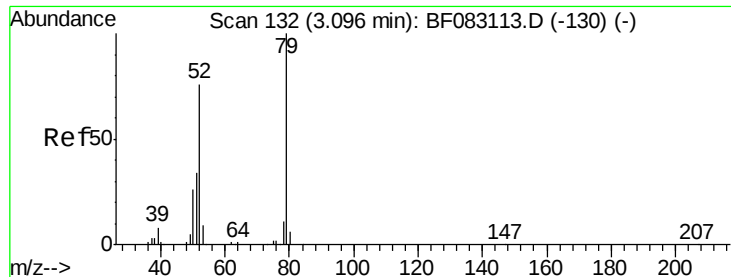
#2
 1,4-Dioxane
 Concen: 31.10 ng
 RT: 2.22 min Scan# 20
 Delta R.T. 0.02 min
 Lab File: BF083256.D
 Acq: 25 Nov 2015 00:37

Tgt Ion: 88 Resp: 189838
 Ion Ratio Lower Upper
 88 100
 58 87.6 65.0 97.6
 43 36.3 24.7 37.1



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 26.28 ng

RT: 2.86 min Scan# 76

Delta R.T. -0.24 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

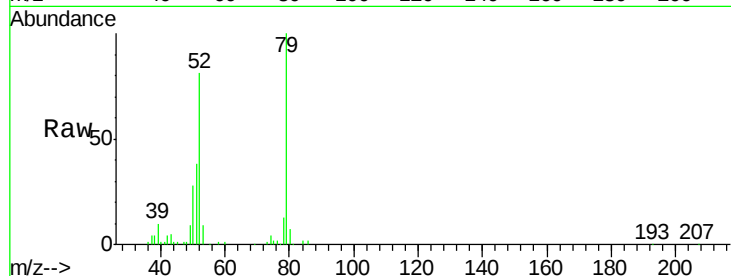
Tgt Ion: 79 Resp: 423793

Ion Ratio Lower Upper

79 100

52 80.9 60.7 91.1

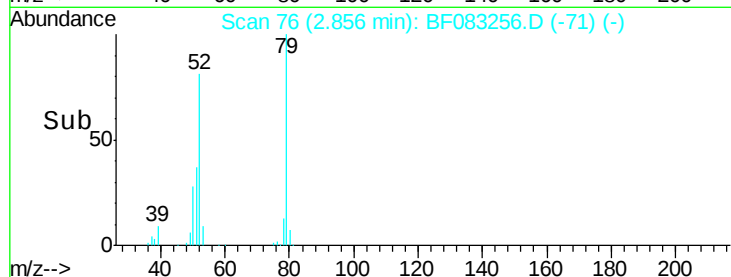
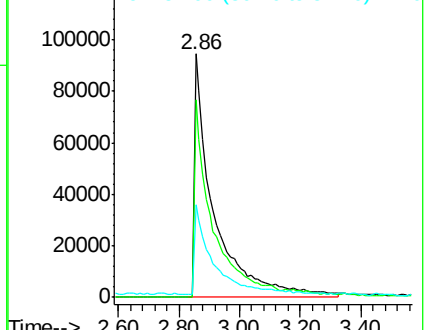
51 38.1 27.9 41.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 42.32 ng

RT: 2.75 min Scan# 67

Delta R.T. -0.07 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

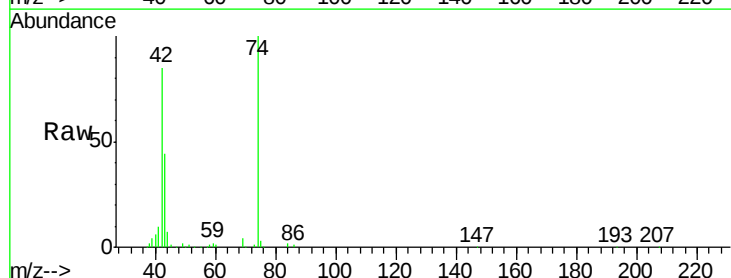
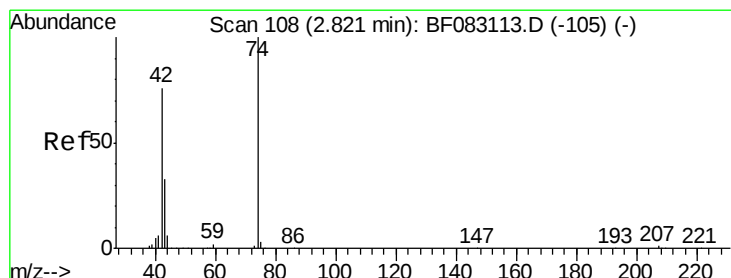
Tgt Ion: 42 Resp: 314710

Ion Ratio Lower Upper

42 100

74 117.1 104.8 157.2

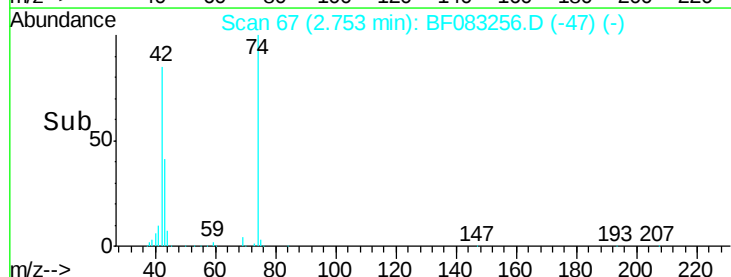
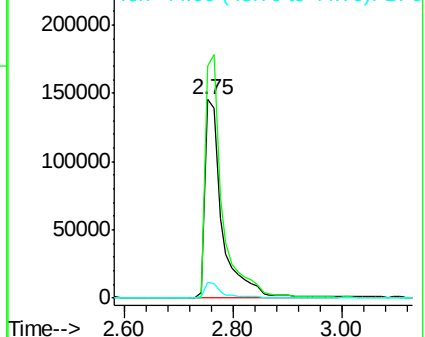
44 8.1 6.2 9.4

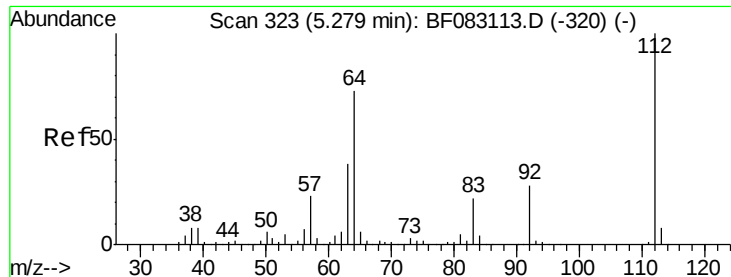


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 117.48 ng

RT: 5.22 min Scan# 283

Delta R.T. -0.06 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

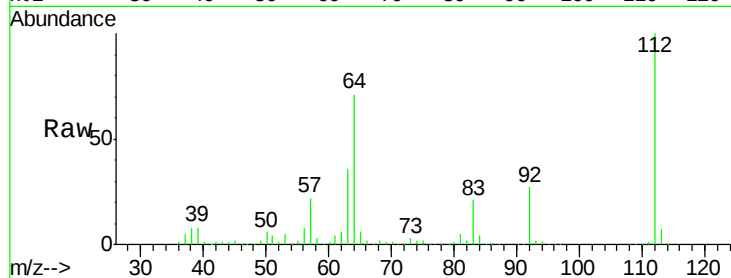
Tgt Ion:112 Resp: 1447898

Ion Ratio Lower Upper

112 100

64 71.4 58.4 87.6

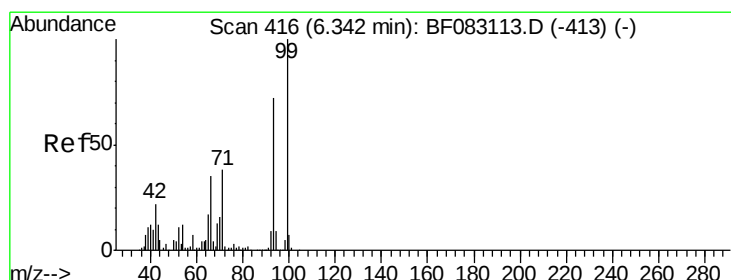
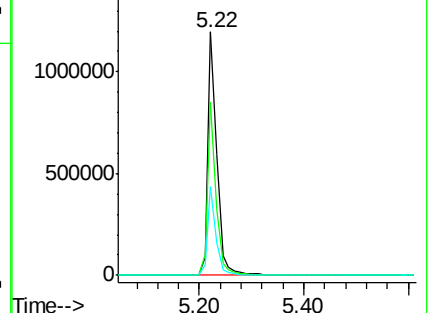
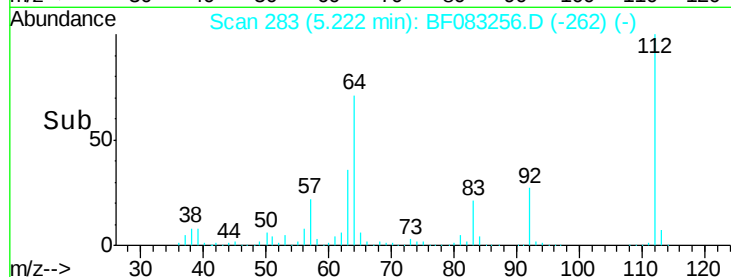
63 36.4 30.0 45.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 8.35 ng

RT: 6.28 min Scan# 376

Delta R.T. -0.06 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

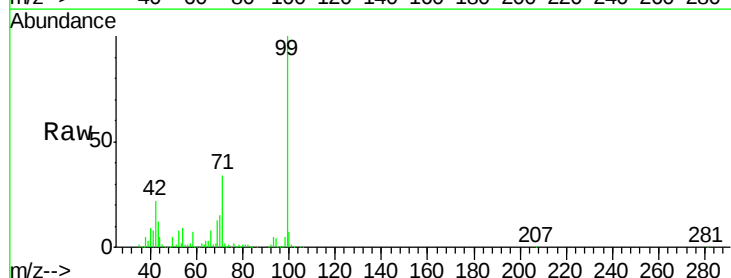
Tgt Ion: 93 Resp: 162631

Ion Ratio Lower Upper

93 100

66 168.5 38.7 58.1#

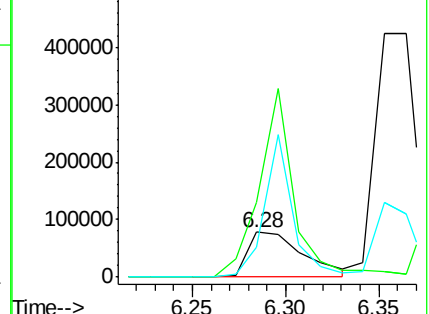
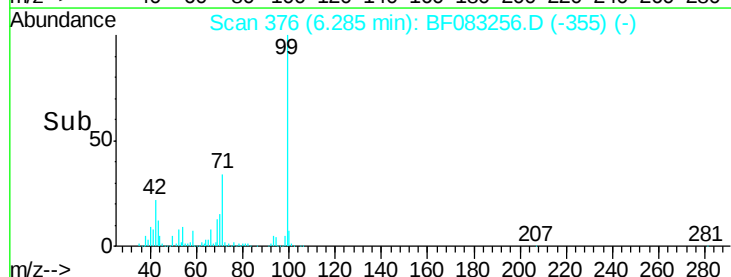
65 67.6 18.6 27.8#

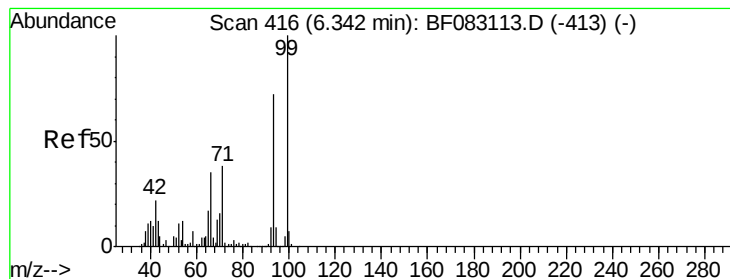


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 121.26 ng

RT: 6.28 min Scan# 376

Delta R.T. -0.06 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

Instrument :

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ClientSampleId :

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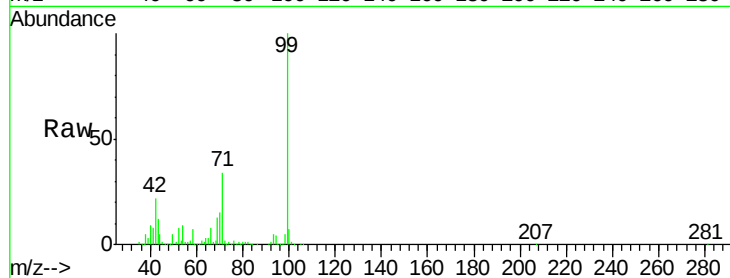
Tgt Ion: 99 Resp: 1933640

Ion Ratio Lower Upper

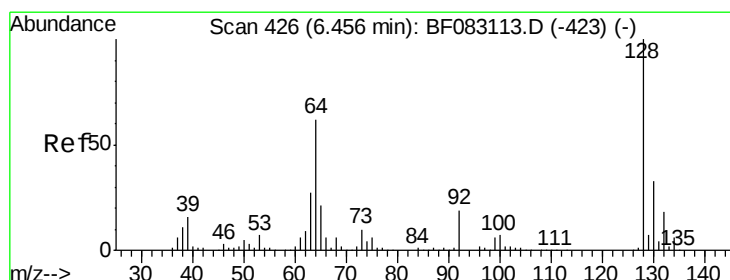
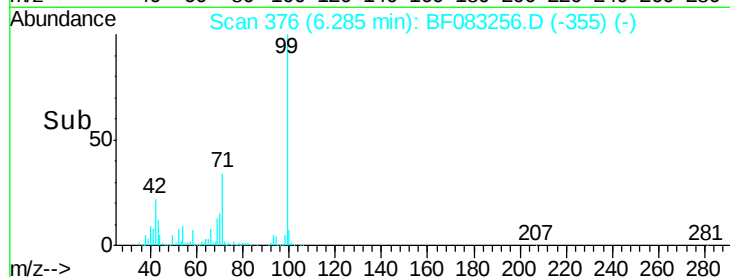
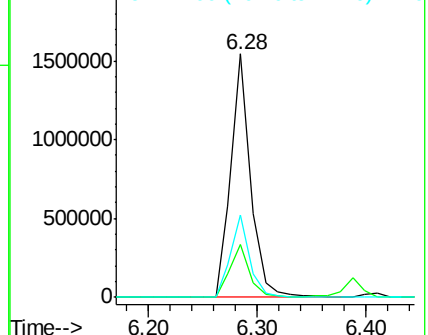
99 100

42 21.6 17.7 26.5

71 34.1 30.2 45.4



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.99 ng

RT: 6.41 min Scan# 387

Delta R.T. -0.05 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

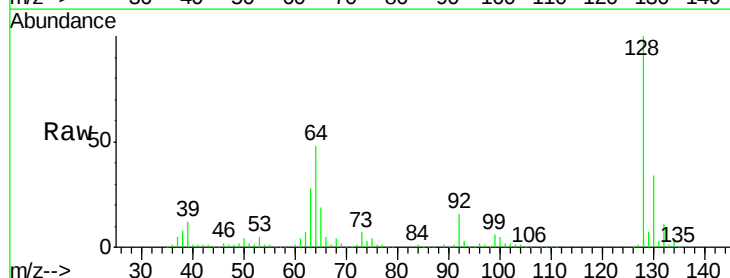
Tgt Ion: 128 Resp: 545832

Ion Ratio Lower Upper

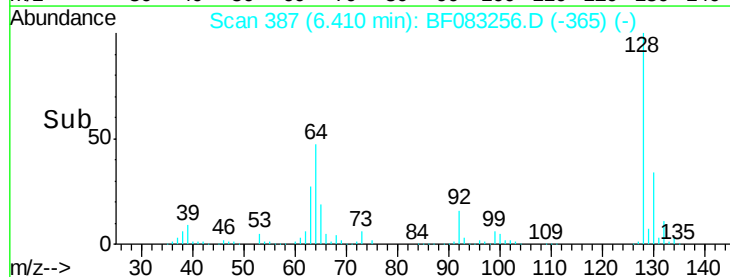
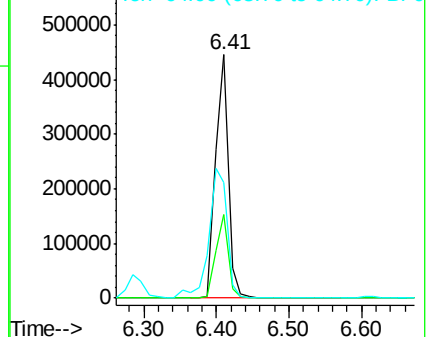
128 100

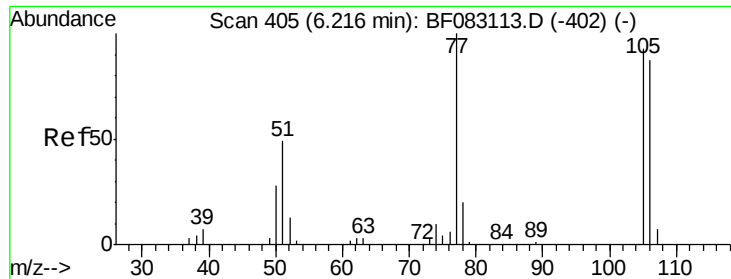
130 34.2 12.6 52.6

64 47.6 41.9 81.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.80 ng

RT: 6.16 min Scan# 365

Delta R.T. -0.06 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

Instrument :

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UST-WASTECHARCTARIZATIONM

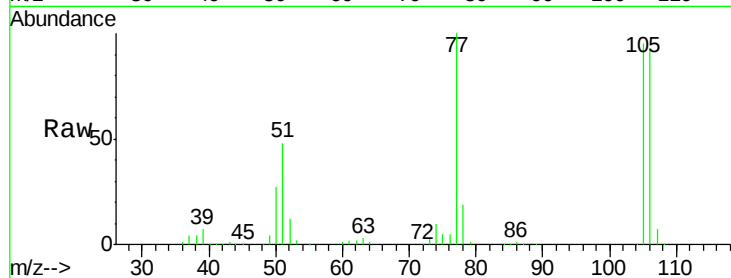
Tgt Ion: 77 Resp: 301088

Ion Ratio Lower Upper

77 100

105 95.5 73.4 113.4

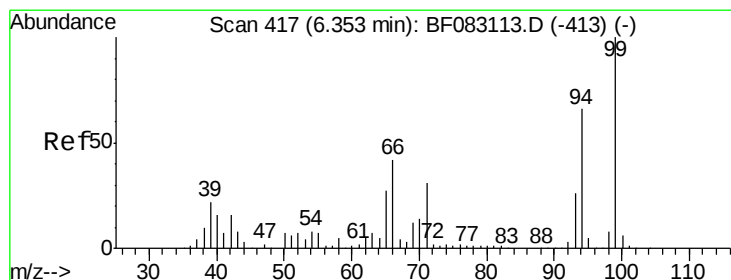
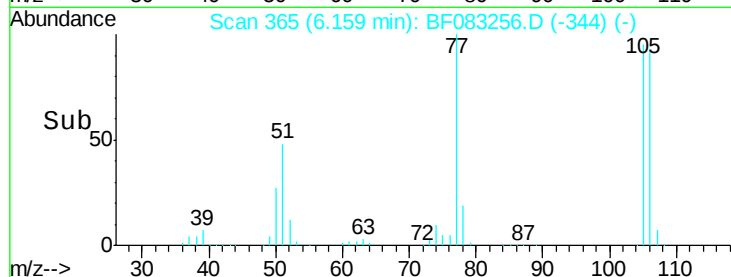
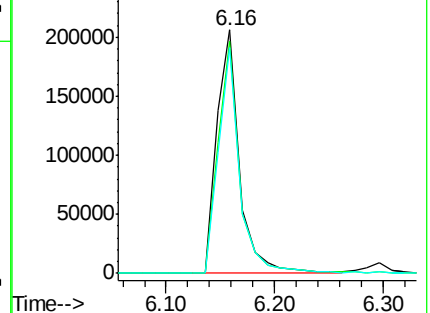
106 92.7 67.5 107.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 38.70 ng

RT: 6.30 min Scan# 377

Delta R.T. -0.06 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

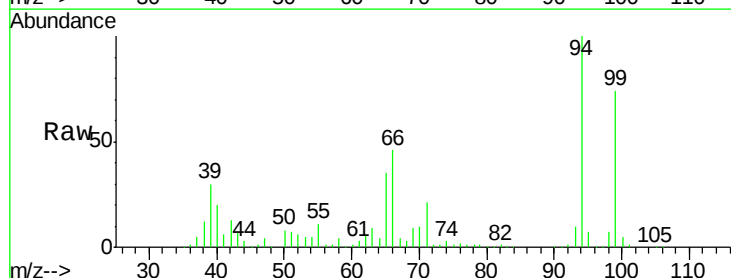
Tgt Ion: 94 Resp: 746580

Ion Ratio Lower Upper

94 100

65 34.6 21.1 61.1

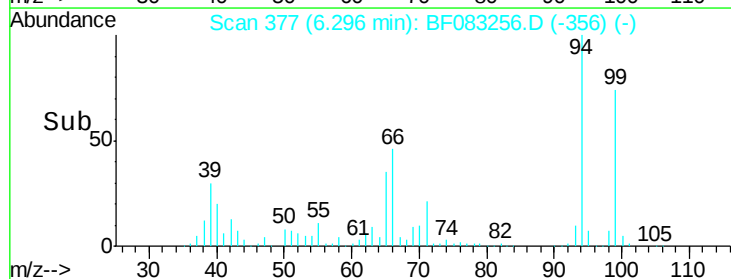
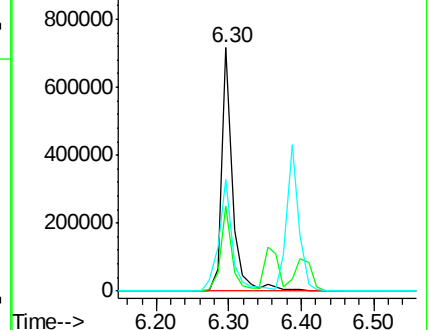
66 45.7 43.1 83.1

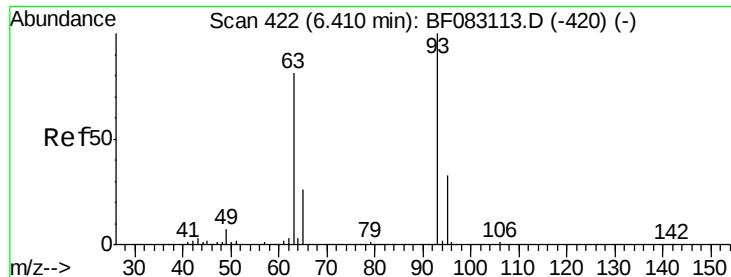


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

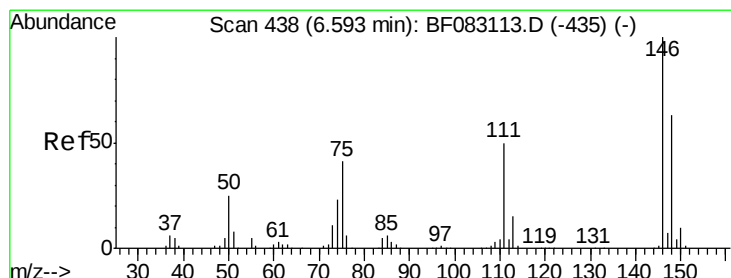
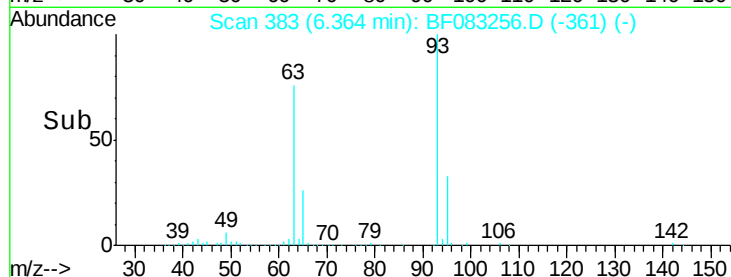
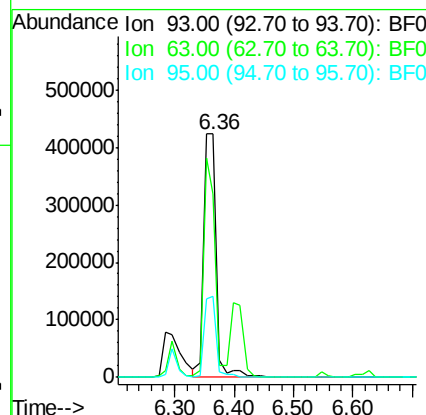
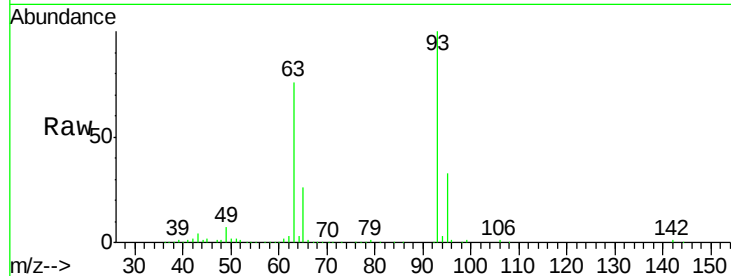




#11
bis(2-Chloroethyl)ether
Concen: 47.12 ng
RT: 6.36 min Scan# 383
Delta R.T. -0.05 min
Lab File: BF083256.D
Acq: 25 Nov 2015 00:37

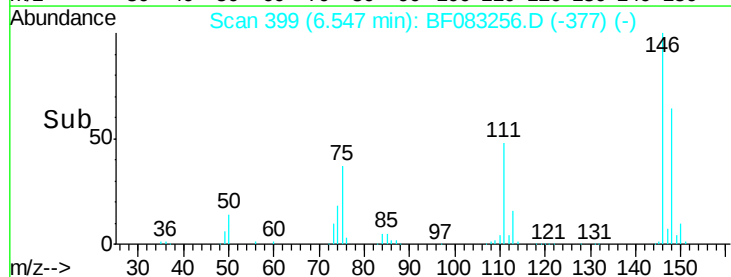
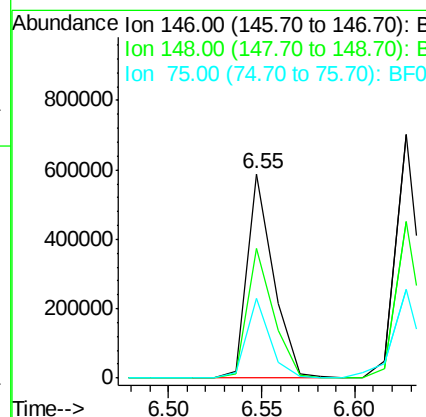
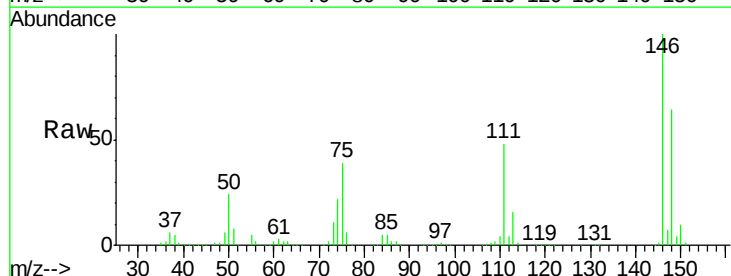
Instrument :
BNA_F
ClientSampleId :
UST-WASTECHARCTARIZATIONM

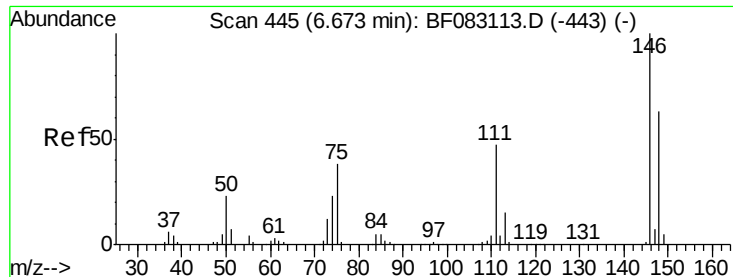
Tgt Ion:	93	Resp:	649015
Ion	Ratio	Lower	Upper
93	100		
63	75.5	59.8	99.8
95	33.3	13.0	53.0



#12
1,3-Dichlorobenzene
Concen: 37.99 ng
RT: 6.55 min Scan# 399
Delta R.T. -0.05 min
Lab File: BF083256.D
Acq: 25 Nov 2015 00:37

Tgt Ion:	146	Resp:	577574
Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.2	75.2
75	38.8	32.7	49.1

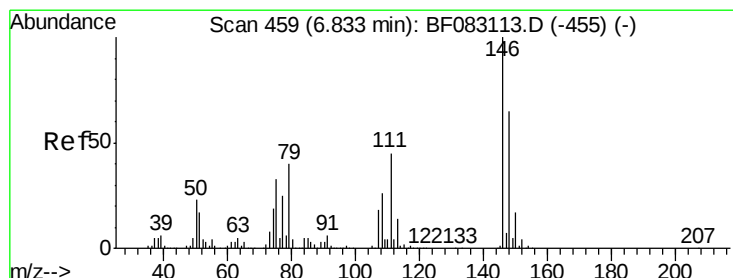
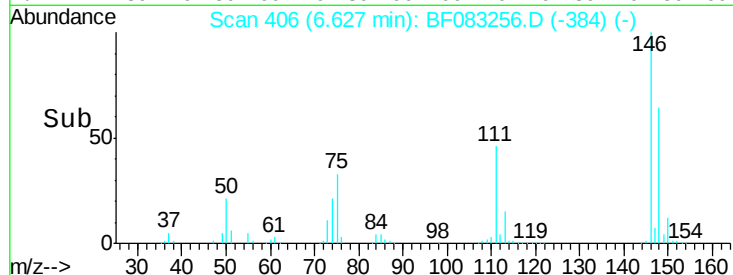
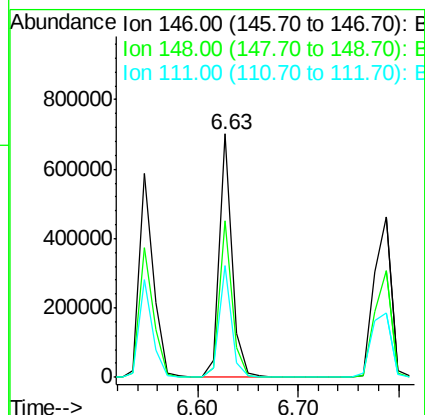
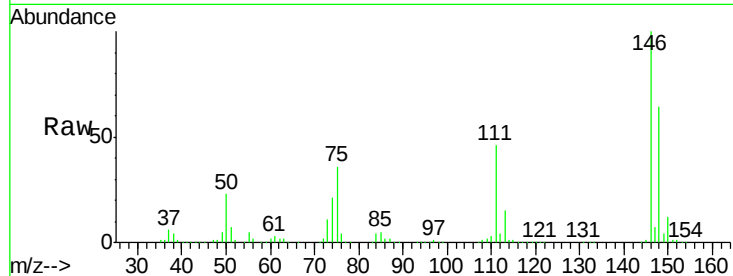




#13
 1,4-Dichlorobenzene
 Concen: 40.06 ng
 RT: 6.63 min Scan# 406
 Delta R.T. -0.05 min
 Lab File: BF083256.D
 Acq: 25 Nov 2015 00:37

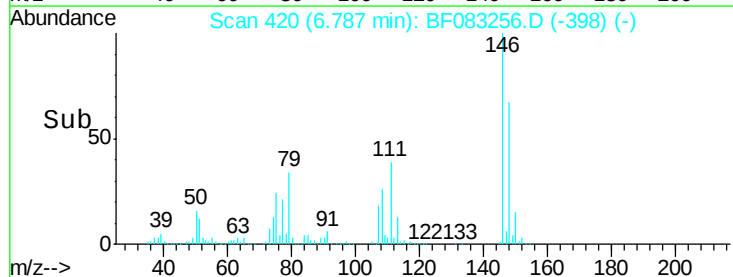
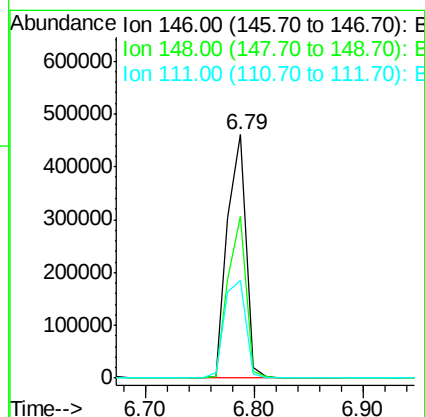
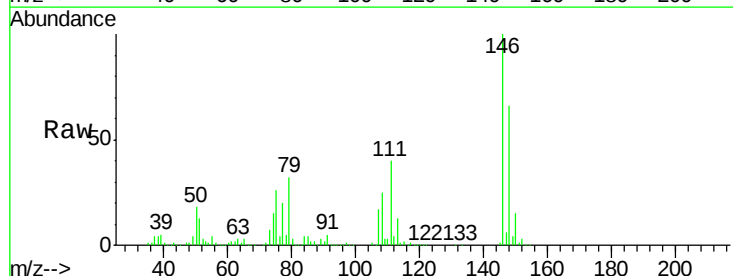
Instrument :
 BNA_F
 ClientSampleId :
 UST-WASTECHARCTARIZATIONM

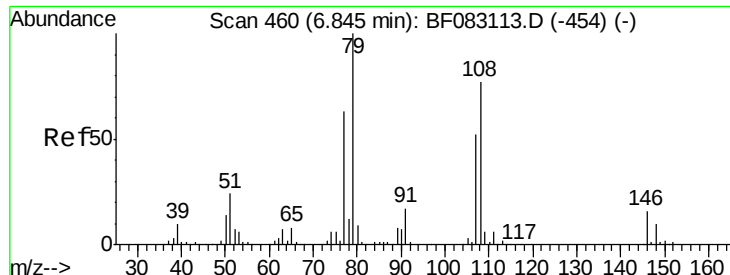
Tgt Ion:146 Resp: 616125
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.2 75.2
 111 45.9 37.5 56.3



#14
 1,2-Dichlorobenzene
 Concen: 38.97 ng
 RT: 6.79 min Scan# 420
 Delta R.T. -0.05 min
 Lab File: BF083256.D
 Acq: 25 Nov 2015 00:37

Tgt Ion:146 Resp: 544707
 Ion Ratio Lower Upper
 146 100
 148 66.4 51.8 77.6
 111 39.9 36.2 54.4

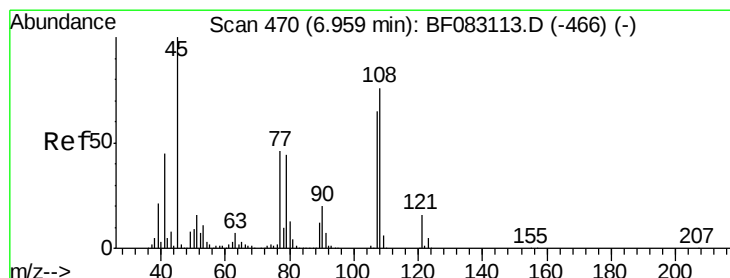
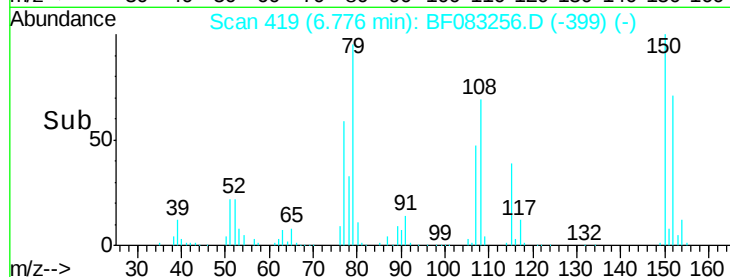
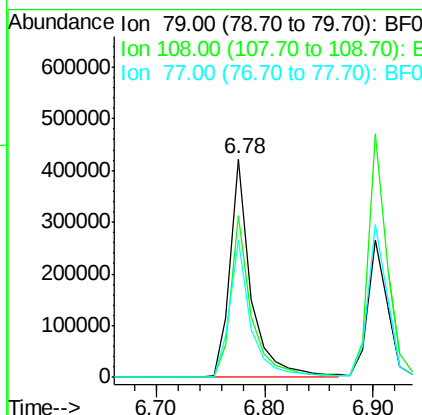
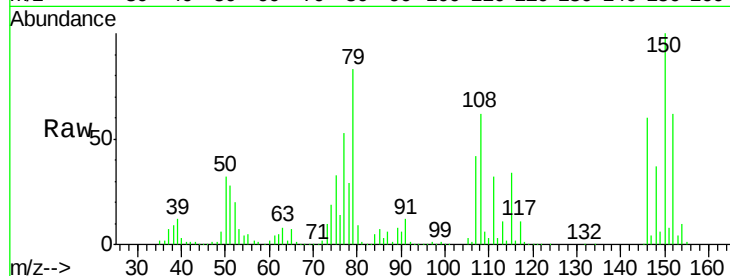




#15
Benzyl Alcohol
Concen: 42.74 ng
RT: 6.78 min Scan# 419
Delta R.T. -0.07 min
Lab File: BF083256.D
Acq: 25 Nov 2015 00:37

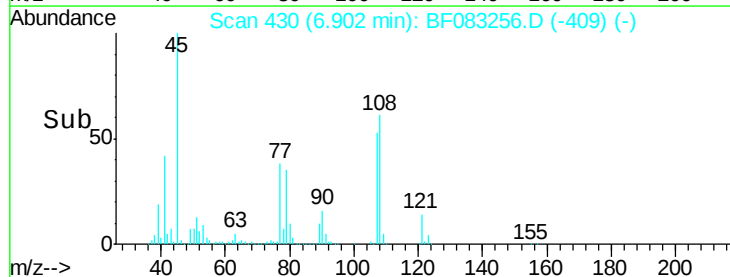
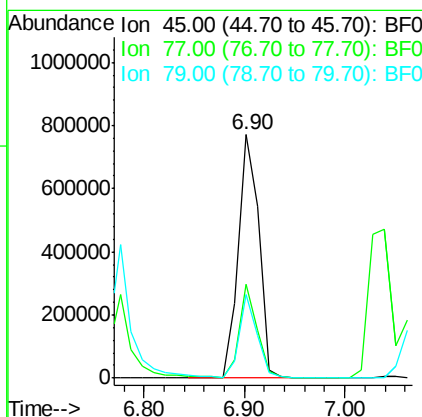
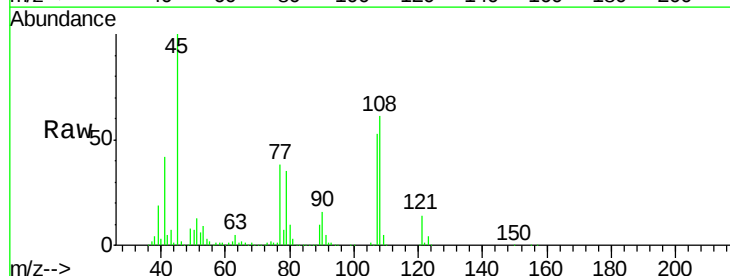
Instrument :
BNA_F
ClientSampleId :
UST-WASTECHARCTARIZATIONM

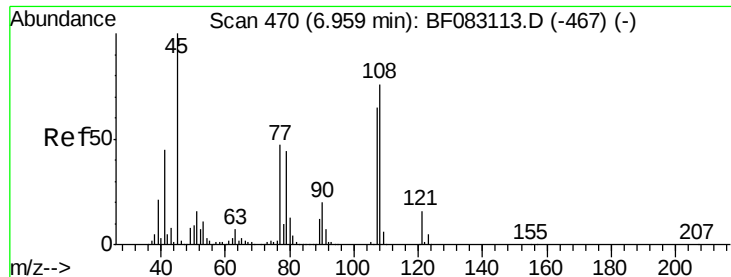
Tgt Ion: 79 Resp: 569527
Ion Ratio Lower Upper
79 100
108 73.8 61.4 92.2
77 63.1 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.69 ng
RT: 6.90 min Scan# 430
Delta R.T. -0.06 min
Lab File: BF083256.D
Acq: 25 Nov 2015 00:37

Tgt Ion: 45 Resp: 1088825
Ion Ratio Lower Upper
45 100
77 38.4 26.7 66.7
79 34.5 24.3 64.3

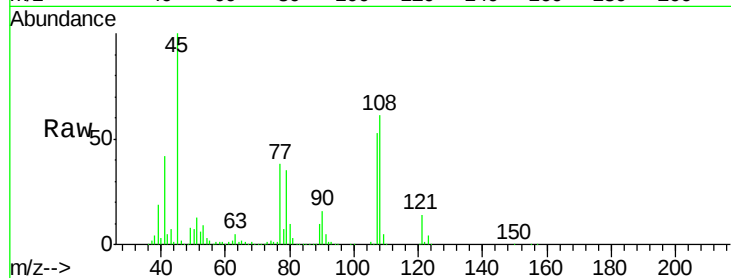




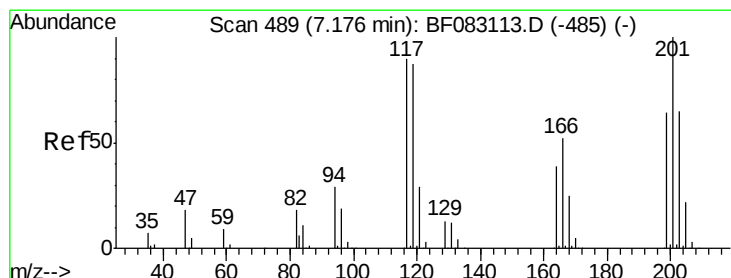
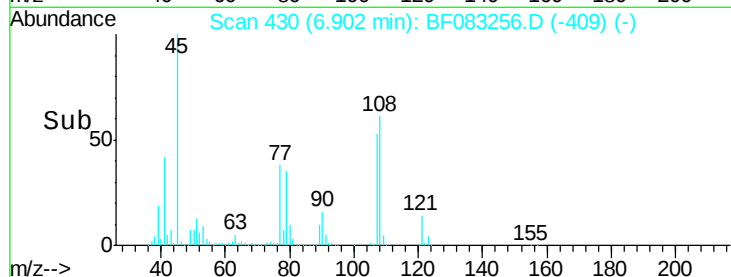
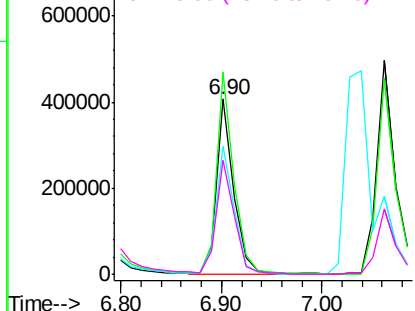
#17
2-Methylphenol
Concen: 43.61 ng
RT: 6.90 min Scan# 430
Delta R.T. -0.06 min
Lab File: BF083256.D
Acq: 25 Nov 2015 00:37

Instrument :
BNA_F
ClientSampleId :
UST-WASTECHARCTARIZATIONM

Tgt Ion:107 Resp: 480469
Ion Ratio Lower Upper
107 100
108 115.6 93.8 140.6
77 72.8 57.4 86.0
79 65.3 54.4 81.6

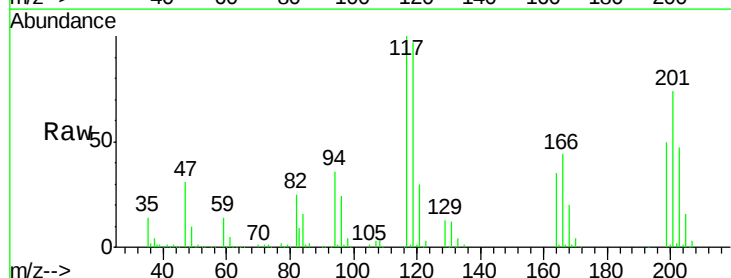


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

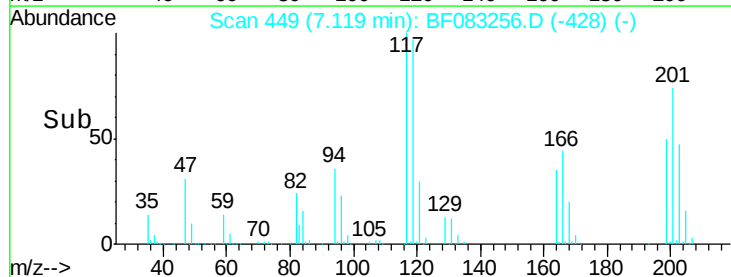
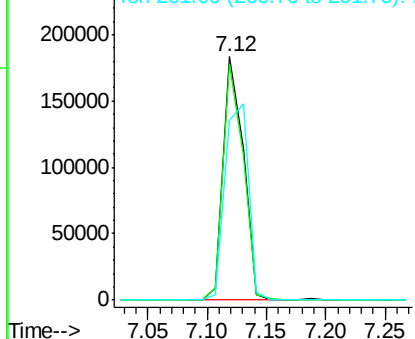


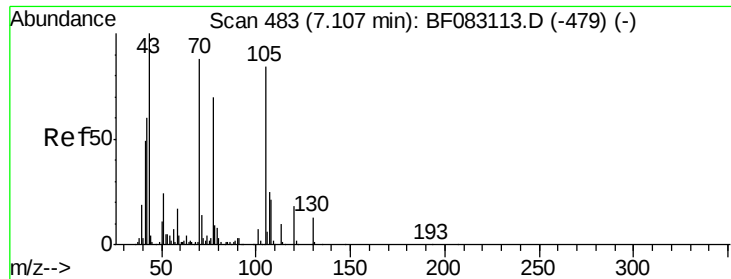
#18
Hexachloroethane
Concen: 39.62 ng
RT: 7.12 min Scan# 449
Delta R.T. -0.06 min
Lab File: BF083256.D
Acq: 25 Nov 2015 00:37

Tgt Ion:117 Resp: 214602
Ion Ratio Lower Upper
117 100
119 96.7 76.8 115.2
201 73.6 88.6 133.0#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

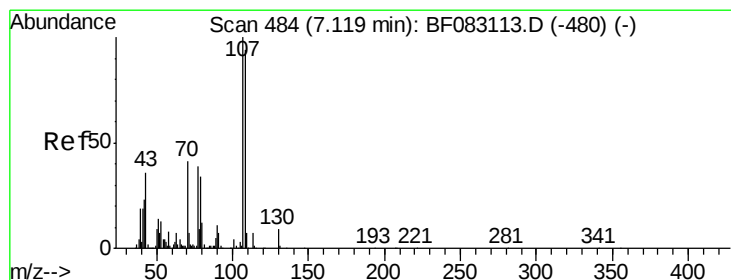
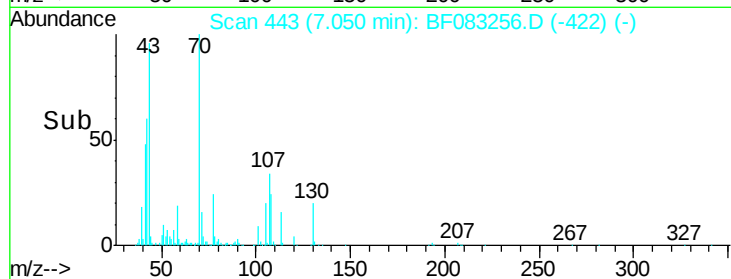
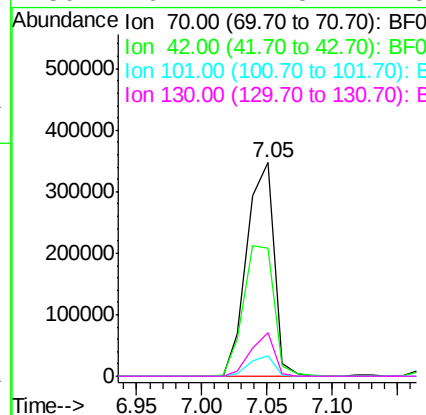
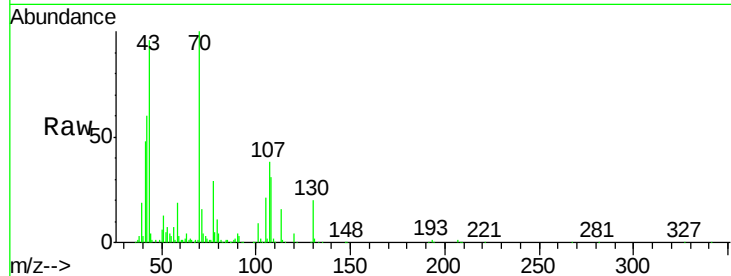




#19
n-Nitroso-di-n-propylamine
Concen: 45.65 ng
RT: 7.05 min Scan# 443
Delta R.T. -0.06 min
Lab File: BF083256.D
Acq: 25 Nov 2015 00:37

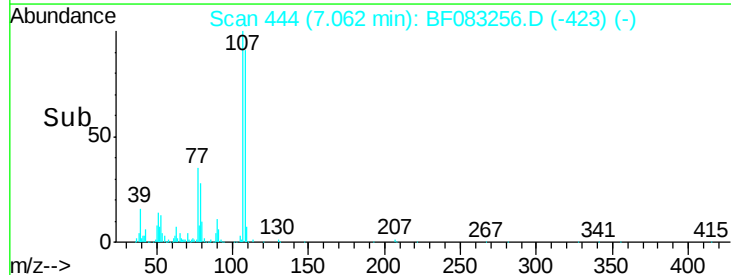
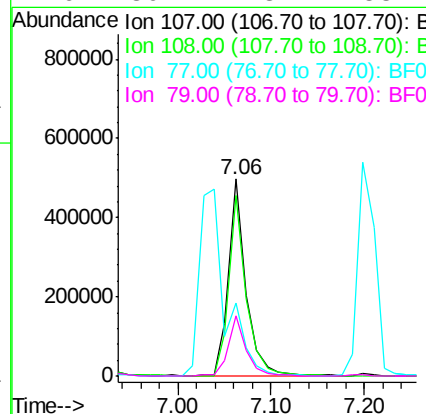
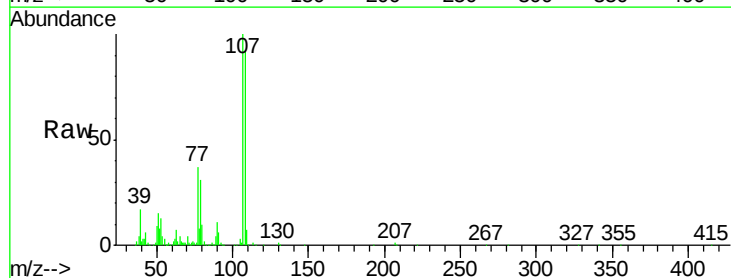
Instrument :
BNA_F
ClientSampleId :
UST-WASTECHARCTARIZATIONM

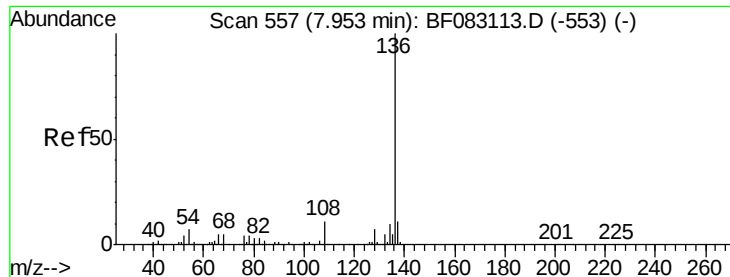
Tgt Ion: 70 Resp: 506603
Ion Ratio Lower Upper
70 100
42 60.1 54.5 81.7
101 9.4 6.6 9.8
130 20.2 11.5 17.3#



#20
3+4-Methylphenols
Concen: 46.30 ng
RT: 7.06 min Scan# 444
Delta R.T. -0.06 min
Lab File: BF083256.D
Acq: 25 Nov 2015 00:37

Tgt Ion: 107 Resp: 644955
Ion Ratio Lower Upper
107 100
108 91.9 73.8 113.8
77 36.8 19.1 59.1
79 30.7 13.7 53.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 517

Delta R.T. -0.06 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

Tgt Ion:136 Resp: 693362

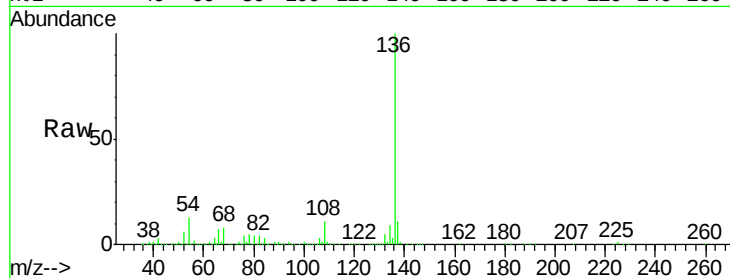
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 12.5 5.8 8.6#

68 8.1 3.8 5.8#

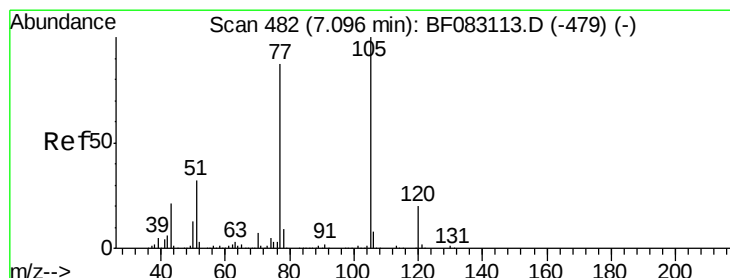
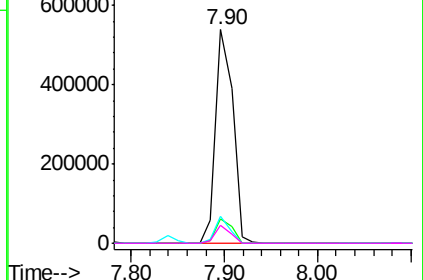
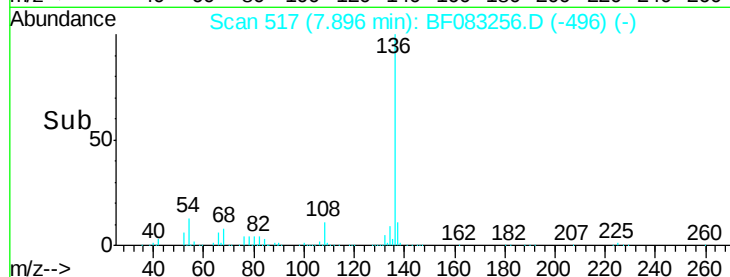


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.82 ng

RT: 7.04 min Scan# 442

Delta R.T. -0.06 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

Tgt Ion:105 Resp: 852343

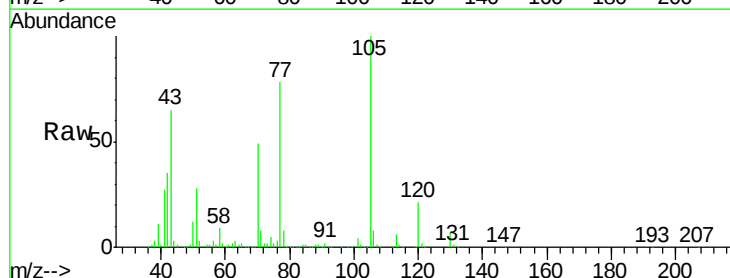
Ion Ratio Lower Upper

105 100

71 8.2 1.0 1.4#

51 28.1 25.6 38.4

120 21.0 15.8 23.6

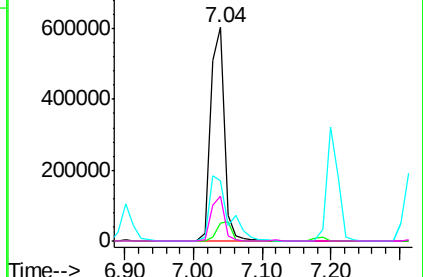
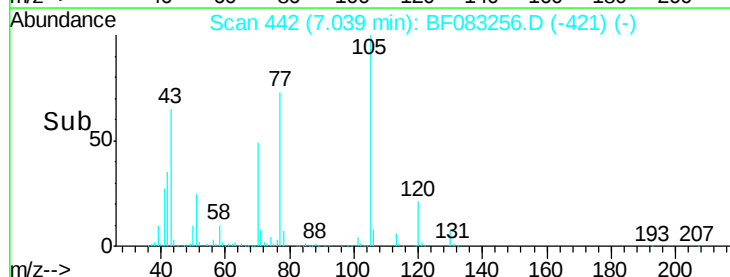


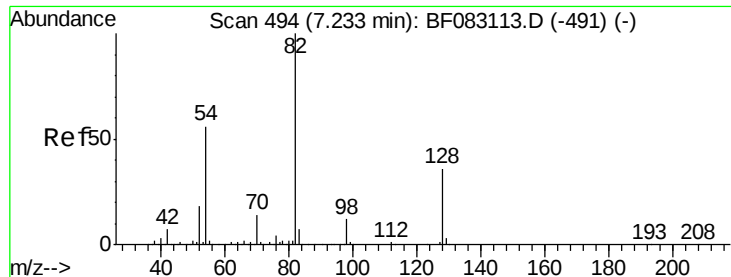
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

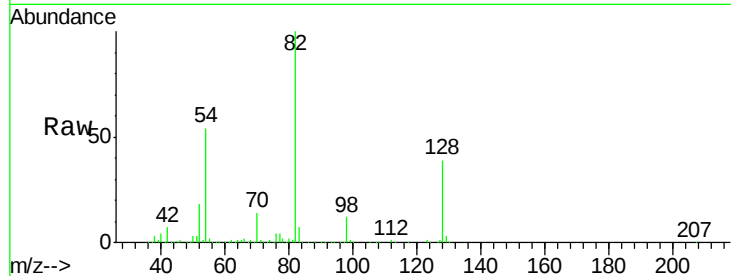




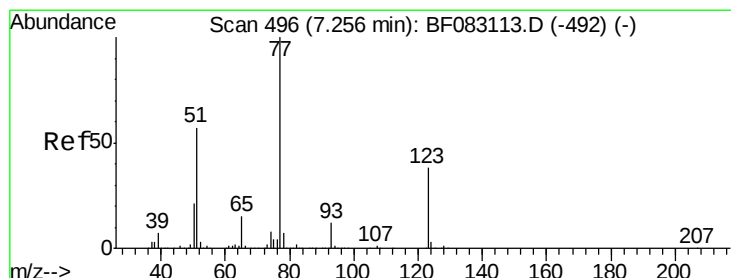
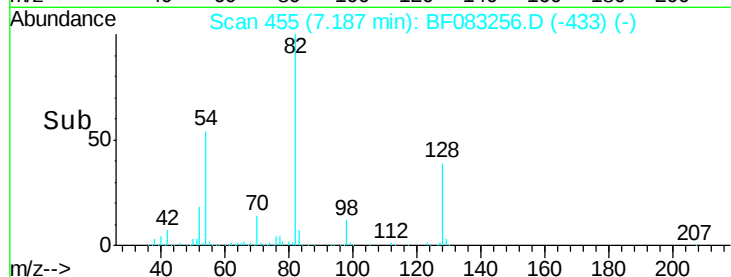
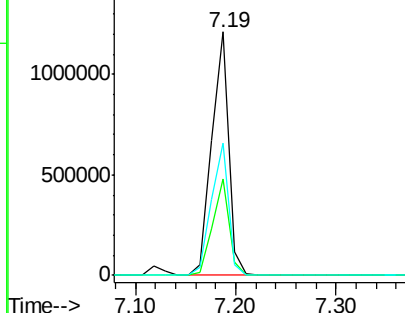
#23
 Nitrobenzene-d5
 Concen: 93.48 ng
 RT: 7.19 min Scan# 455
 Delta R.T. -0.05 min
 Lab File: BF083256.D
 Acq: 25 Nov 2015 00:37

Instrument :
 BNA_F
 ClientSampleId :
 UST-WASTECHARCTARIZATIONM

Tgt Ion: 82 Resp: 1418407
 Ion Ratio Lower Upper
 82 100
 128 39.5 28.5 42.7
 54 54.3 44.6 67.0

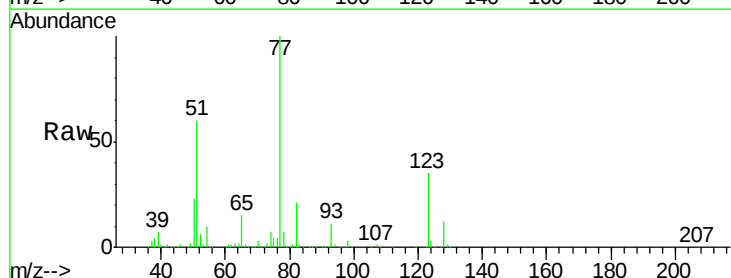


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

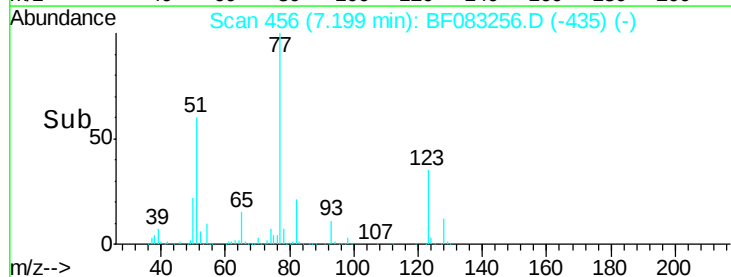
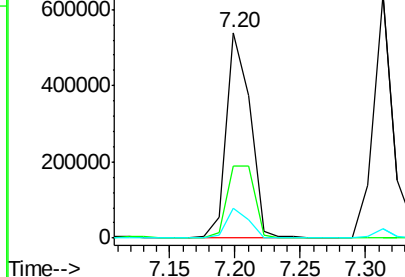


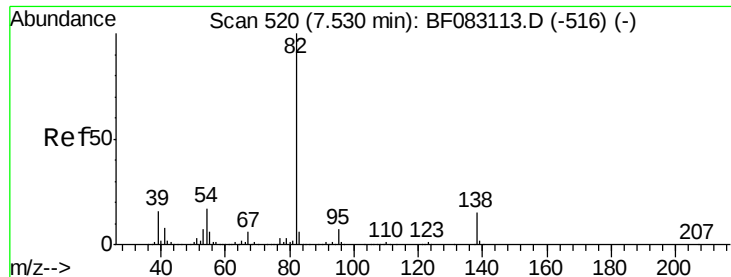
#24
 Nitrobenzene
 Concen: 41.74 ng
 RT: 7.20 min Scan# 456
 Delta R.T. -0.06 min
 Lab File: BF083256.D
 Acq: 25 Nov 2015 00:37

Tgt Ion: 77 Resp: 676708
 Ion Ratio Lower Upper
 77 100
 123 35.2 30.1 45.1
 65 14.6 11.6 17.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 45.08 ng

RT: 7.45 min Scan# 478

Delta R.T. -0.08 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

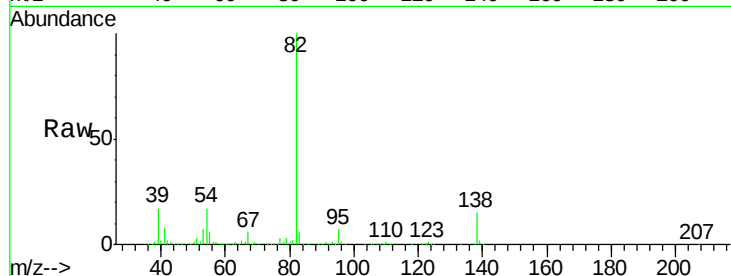
Tgt Ion: 82 Resp: 1295214

Ion Ratio Lower Upper

82 100

95 6.6 5.8 8.8

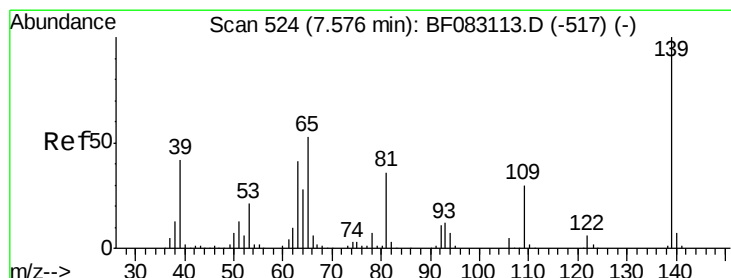
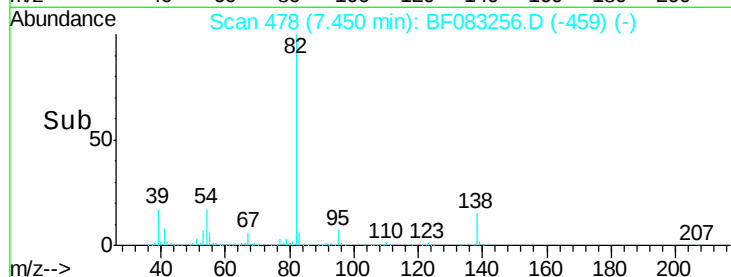
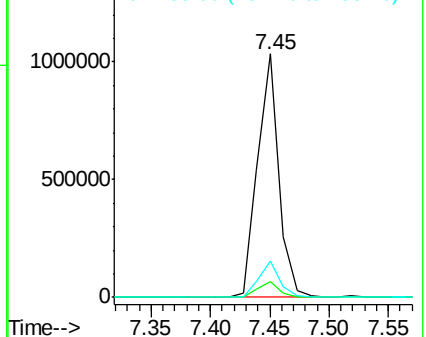
138 14.8 11.6 17.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 40.16 ng

RT: 7.52 min Scan# 484

Delta R.T. -0.06 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

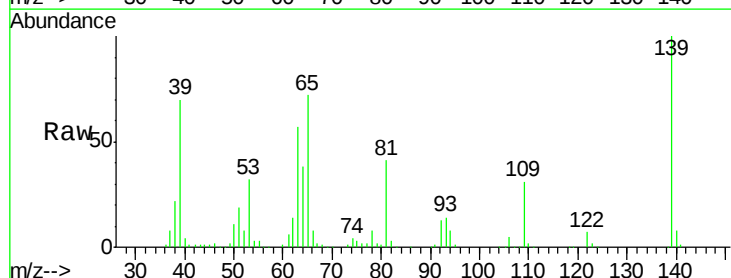
Tgt Ion: 139 Resp: 287447

Ion Ratio Lower Upper

139 100

109 30.8 23.9 35.9

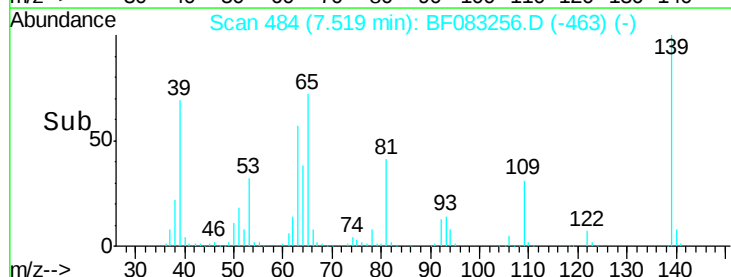
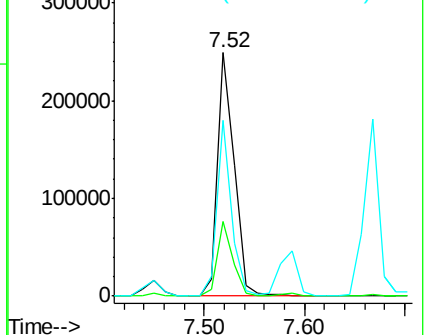
65 72.4 42.7 64.1#

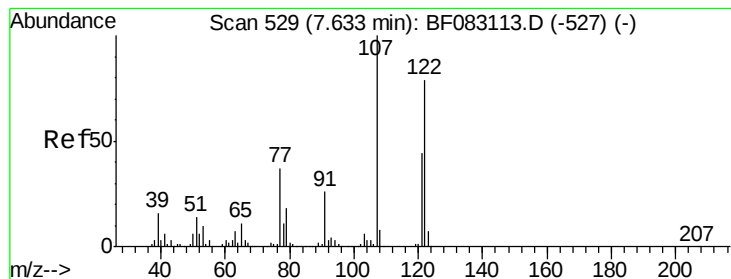


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 46.98 ng

RT: 7.59 min Scan# 490

Delta R.T. -0.05 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

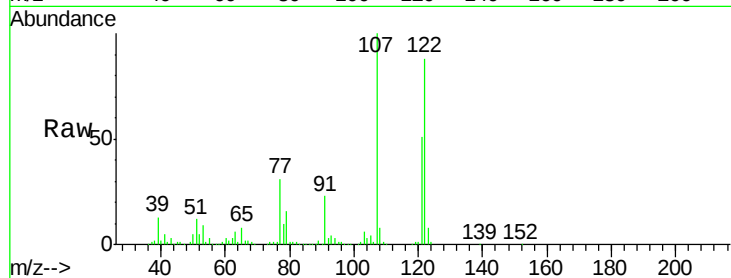
Tgt Ion:122 Resp: 536630

Ion Ratio Lower Upper

122 100

107 113.1 101.1 151.7

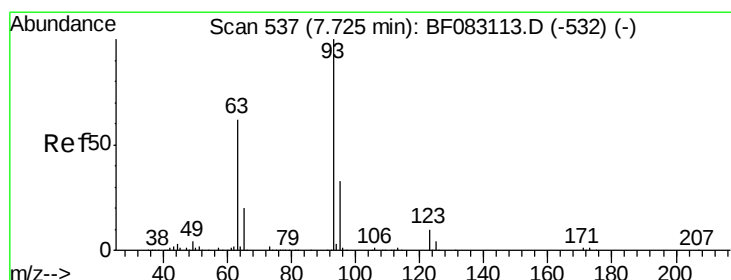
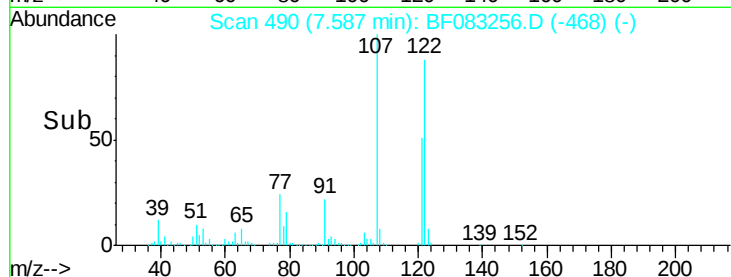
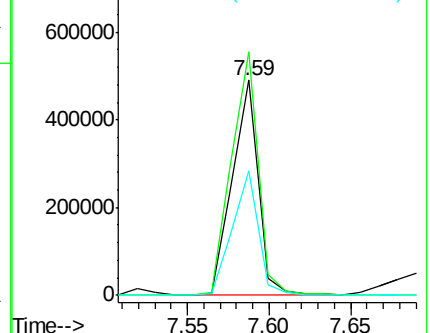
121 57.9 44.9 67.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.21 ng

RT: 7.67 min Scan# 497

Delta R.T. -0.06 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

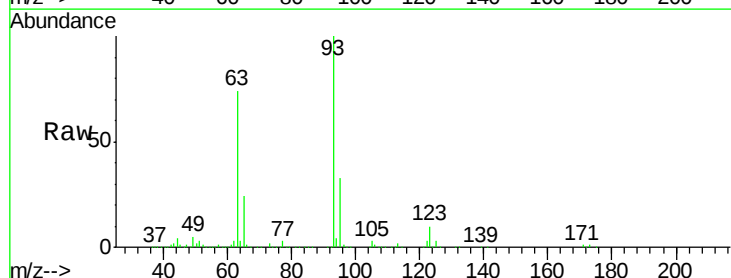
Tgt Ion: 93 Resp: 788690

Ion Ratio Lower Upper

93 100

95 33.4 26.5 39.7

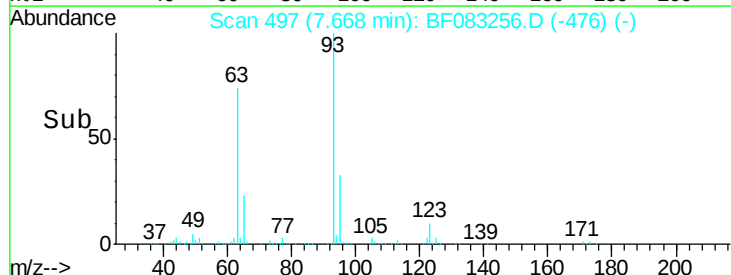
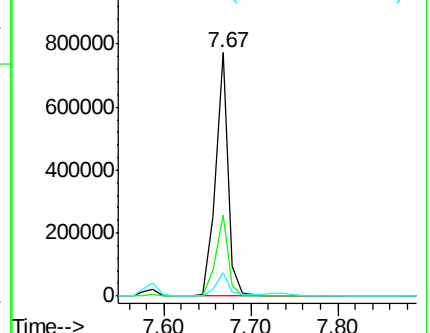
123 9.7 8.1 12.1

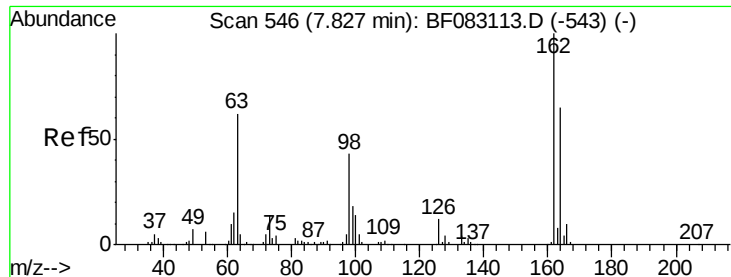


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.18 ng

RT: 7.78 min Scan# 507

Delta R.T. -0.05 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

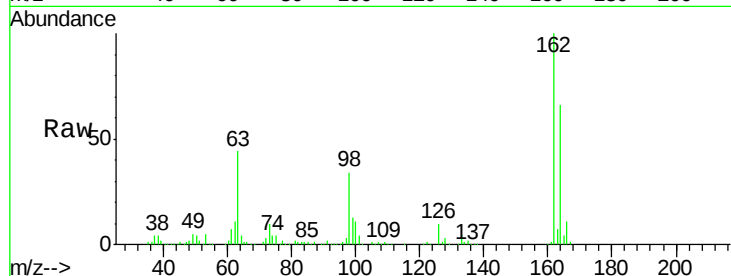
Tgt Ion:162 Resp: 490838

Ion Ratio Lower Upper

162 100

164 65.6 44.8 84.8

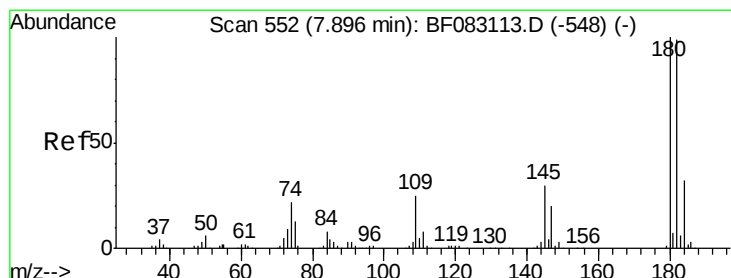
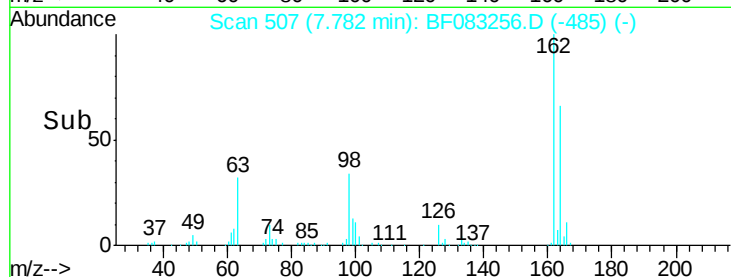
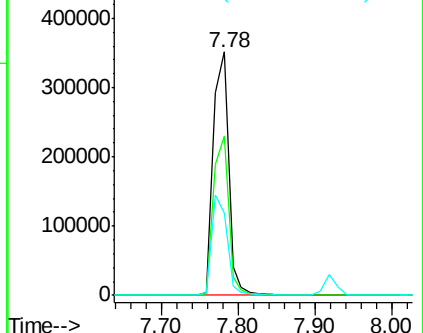
98 33.6 23.1 63.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 41.74 ng

RT: 7.85 min Scan# 513

Delta R.T. -0.05 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

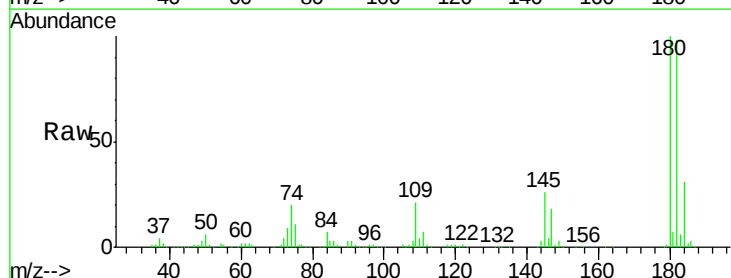
Tgt Ion:180 Resp: 498168

Ion Ratio Lower Upper

180 100

182 97.7 79.0 118.6

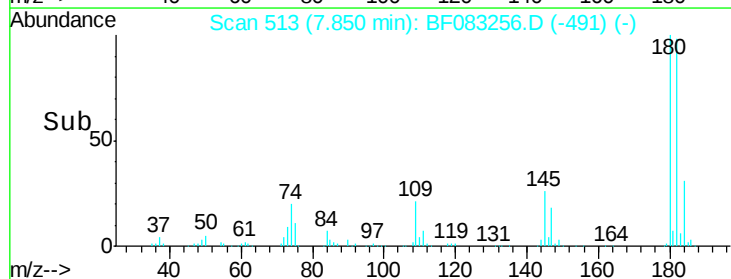
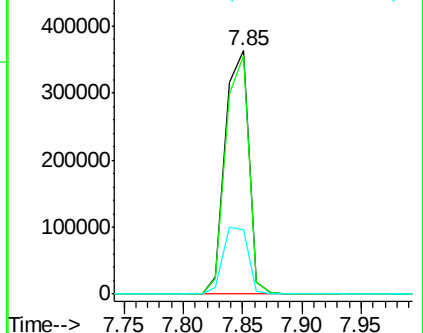
145 26.2 24.2 36.2

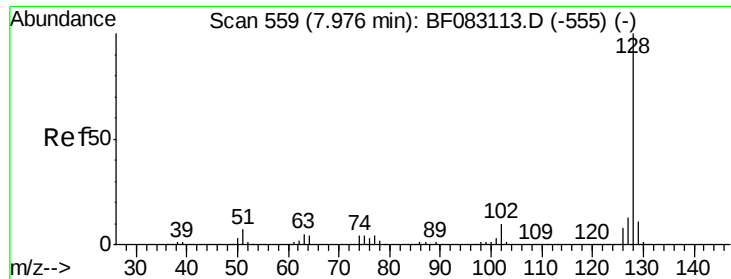


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

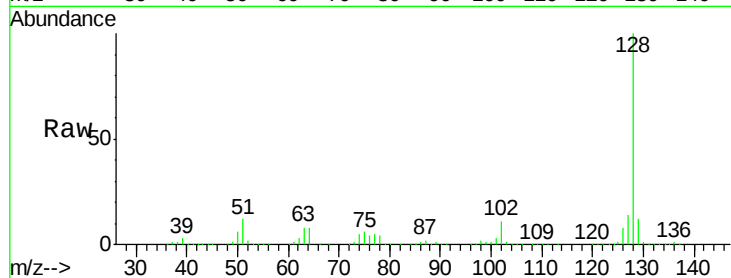




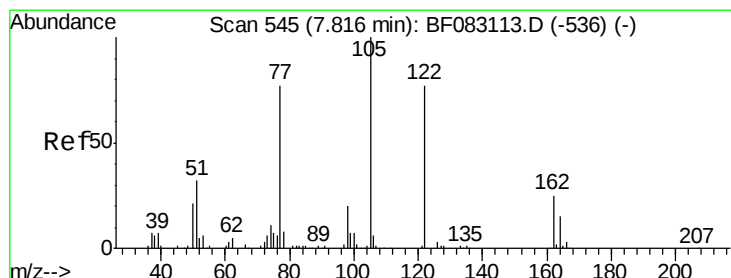
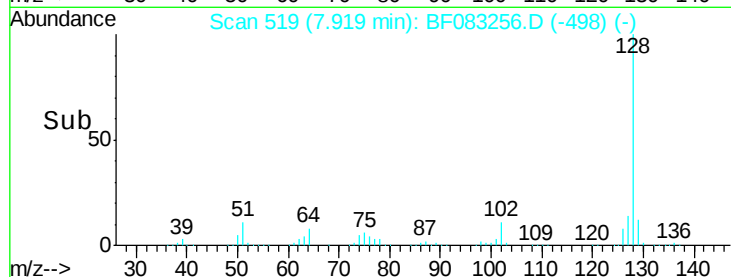
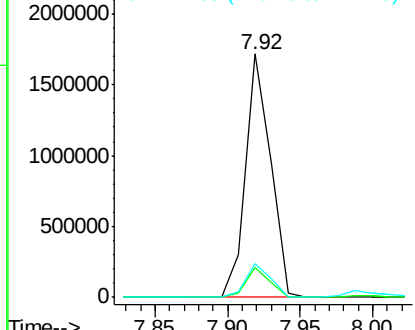
#31
Naphthalene
Concen: 54.81 ng
RT: 7.92 min Scan# 519
Delta R.T. -0.06 min
Lab File: BF083256.D
Acq: 25 Nov 2015 00:37

Instrument :
BNA_F
ClientSampleId :
UST-WASTECHARCTARIZATIONM

Tgt Ion:128 Resp: 2050884
Ion Ratio Lower Upper
128 100
129 12.0 9.0 13.4
127 13.7 10.6 15.8

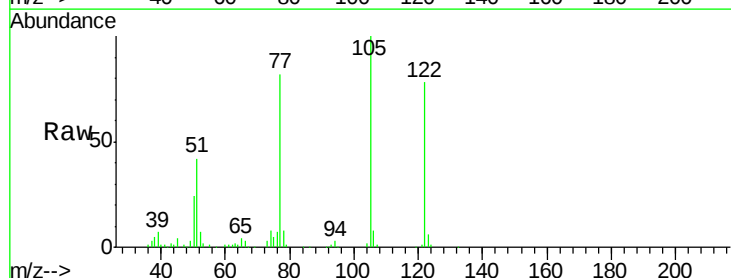


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

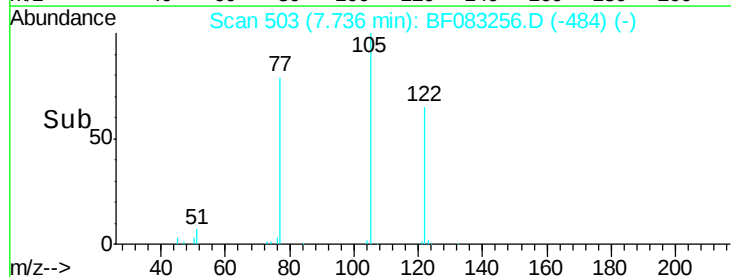
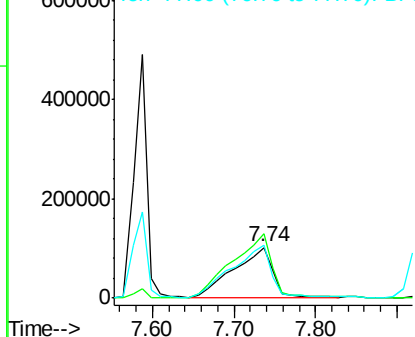


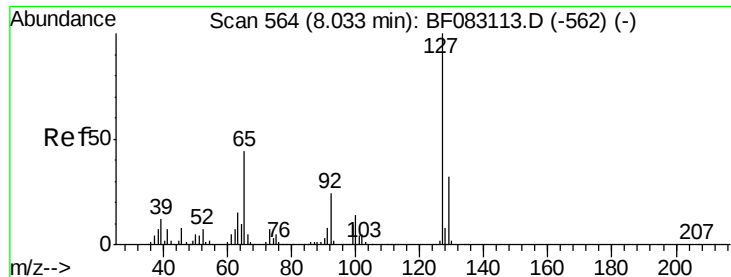
#32
Benzoic acid
Concen: 37.51 ng
RT: 7.74 min Scan# 503
Delta R.T. -0.08 min
Lab File: BF083256.D
Acq: 25 Nov 2015 00:37

Tgt Ion:122 Resp: 333096
Ion Ratio Lower Upper
122 100
105 128.1 109.7 149.7
77 105.3 79.7 119.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

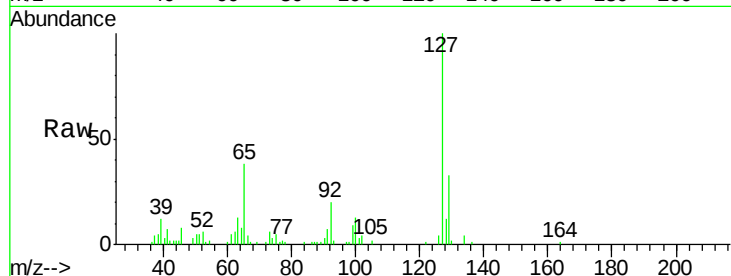




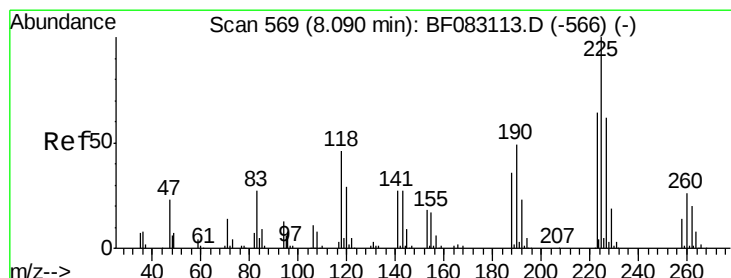
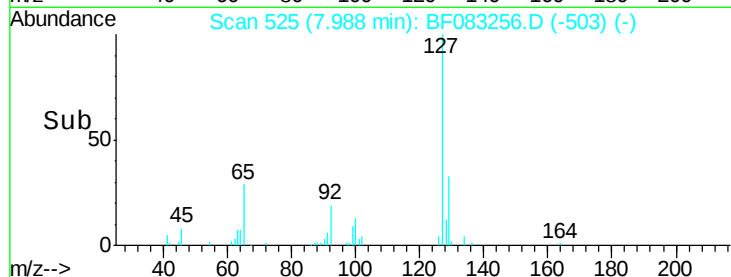
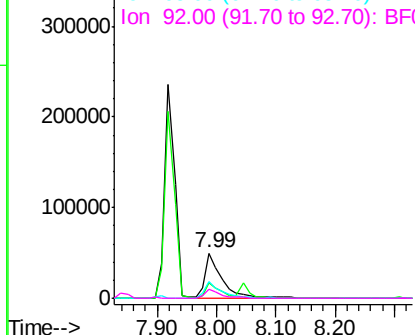
#33
4-Chloroaniline
Concen: 6.99 ng
RT: 7.99 min Scan# 525
Delta R.T. -0.05 min
Lab File: BF083256.D
Acq: 25 Nov 2015 00:37

Instrument :
BNA_F
ClientSampleId :
UST-WASTECHARCTARIZATIONM

Tgt Ion:	127	Resp:	101557
Ion	Ratio	Lower	Upper
127	100		
129	33.4	25.7	38.5
65	38.0	35.5	53.3
92	19.7	19.4	29.2

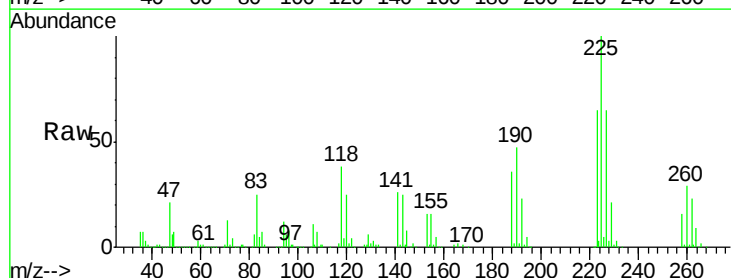


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

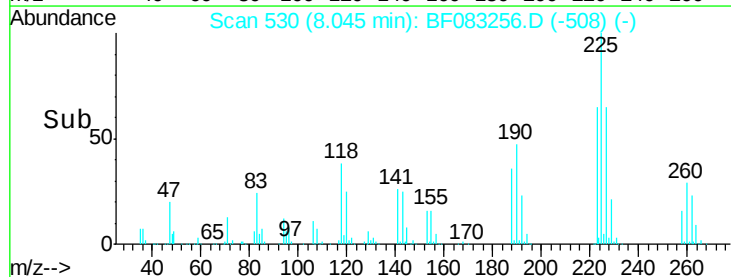
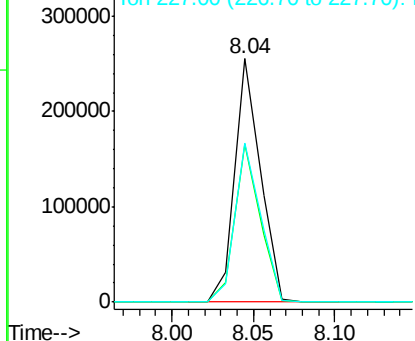


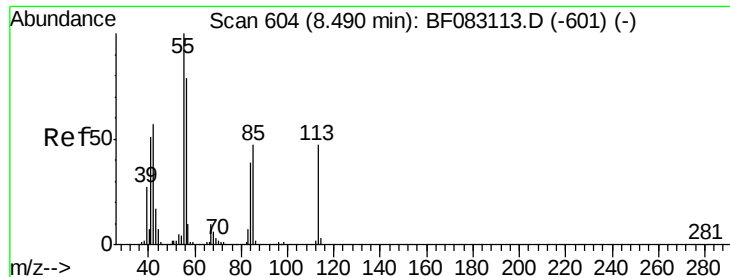
#34
Hexachlorobutadiene
Concen: 39.09 ng
RT: 8.04 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF083256.D
Acq: 25 Nov 2015 00:37

Tgt Ion:	225	Resp:	275691
Ion	Ratio	Lower	Upper
225	100		
223	64.8	51.3	76.9
227	65.2	49.8	74.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 9.85 ng

RT: 8.41 min Scan# 562

Delta R.T. -0.08 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

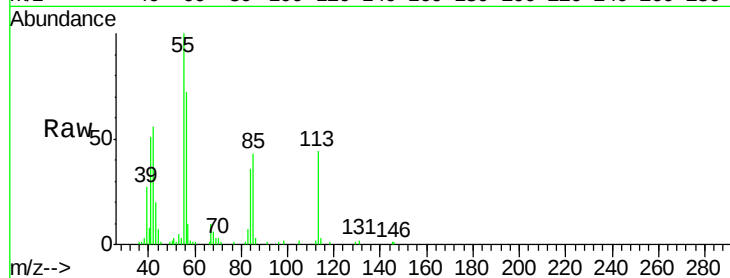
Tgt Ion:113 Resp: 34300

Ion Ratio Lower Upper

113 100

55 226.3 192.6 232.6

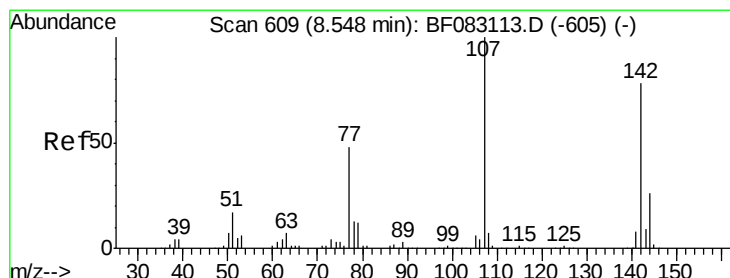
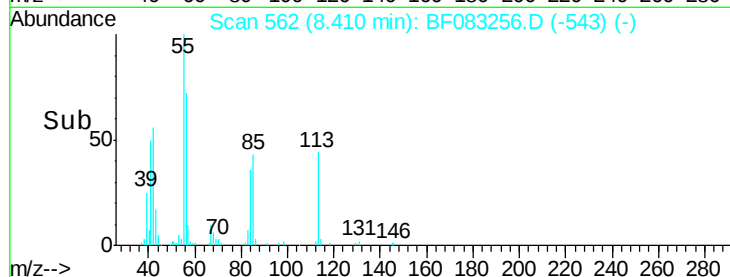
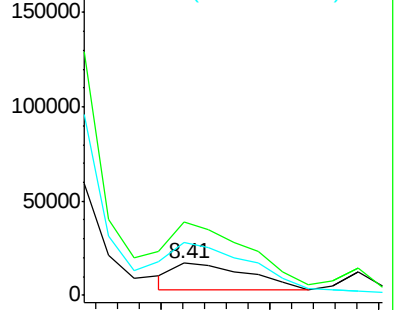
56 162.4 148.6 188.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.49 ng

RT: 8.49 min Scan# 569

Delta R.T. -0.06 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

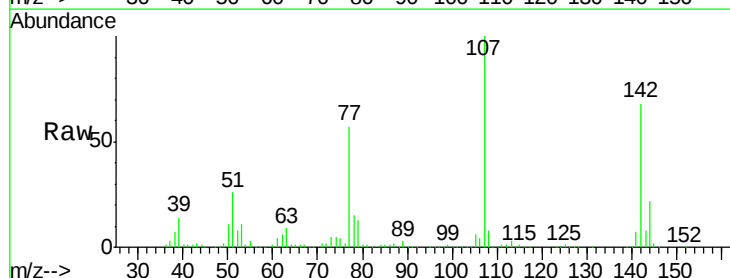
Tgt Ion:107 Resp: 547282

Ion Ratio Lower Upper

107 100

144 21.8 20.8 31.2

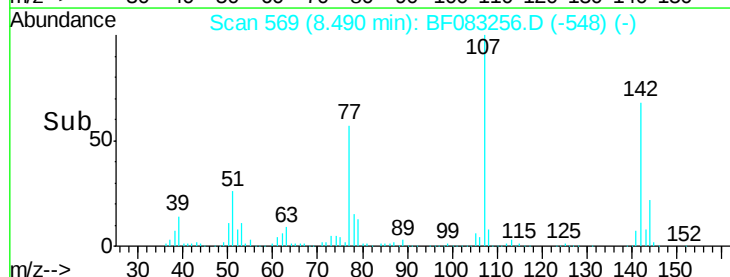
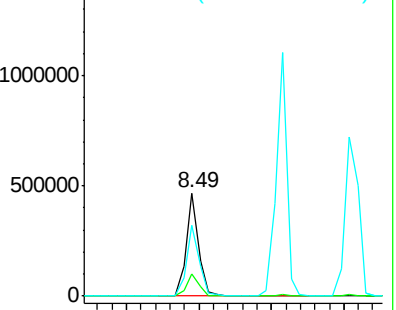
142 68.2 62.1 93.1

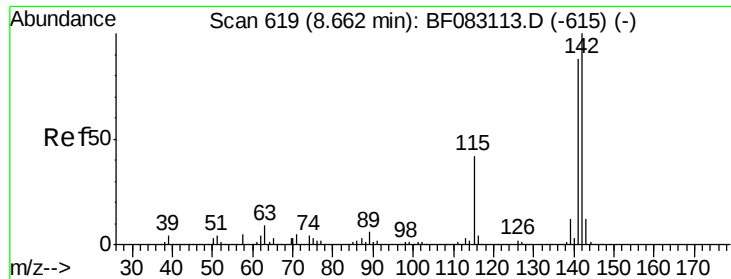


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

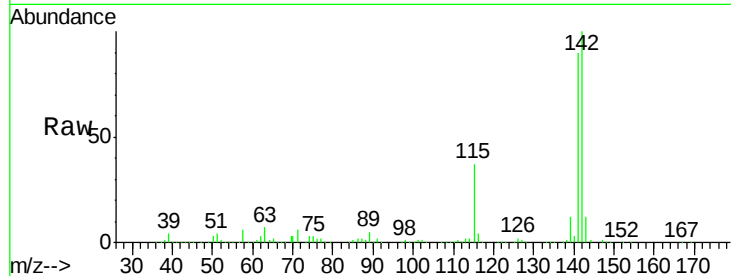




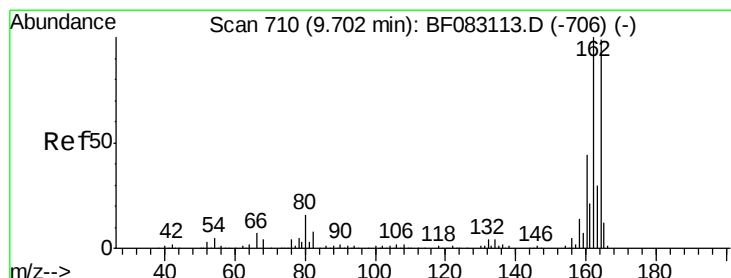
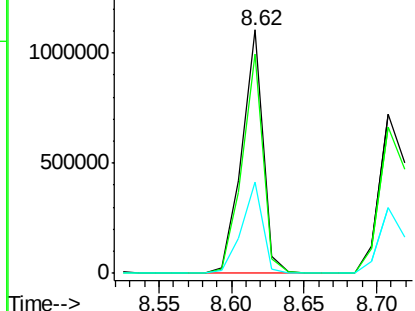
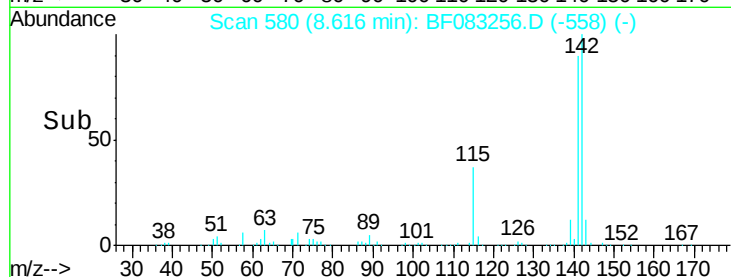
#37
 2-Methylnaphthalene
 Concen: 45.93 ng
 RT: 8.62 min Scan# 580
 Delta R.T. -0.05 min
 Lab File: BF083256.D
 Acq: 25 Nov 2015 00:37

Instrument :
 BNA_F
 ClientSampleId :
 UST-WASTECHARCTARIZATIONM

Tgt Ion:142 Resp: 1115522
 Ion Ratio Lower Upper
 142 100
 141 89.8 70.3 105.5
 115 37.3 33.4 50.2

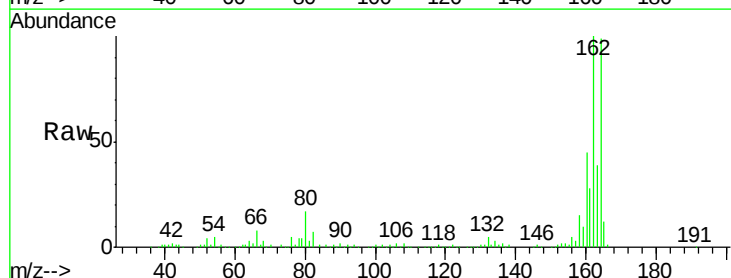


Abundance Ion 142.00 (141.70 to 142.70): E
 1500000 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

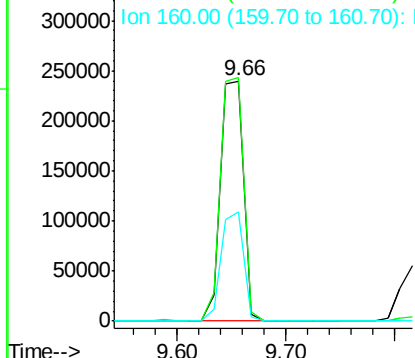
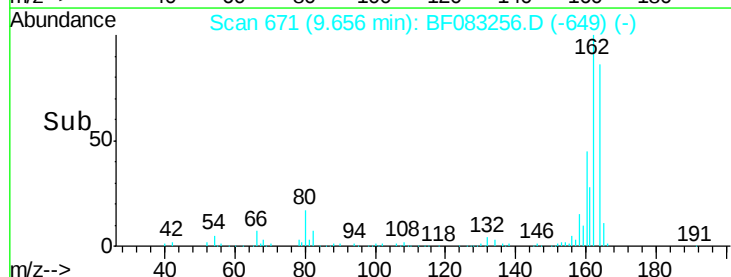


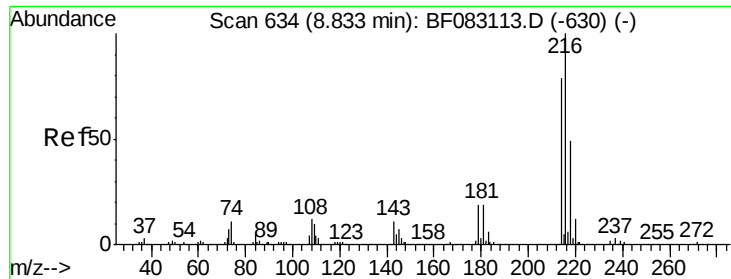
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 671
 Delta R.T. -0.05 min
 Lab File: BF083256.D
 Acq: 25 Nov 2015 00:37

Tgt Ion:164 Resp: 350950
 Ion Ratio Lower Upper
 164 100
 162 101.4 81.2 121.8
 160 45.7 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): E
 300000 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

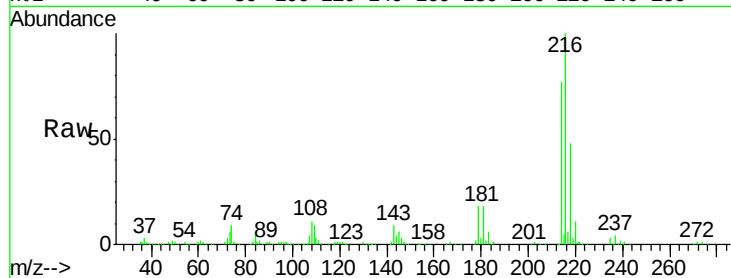




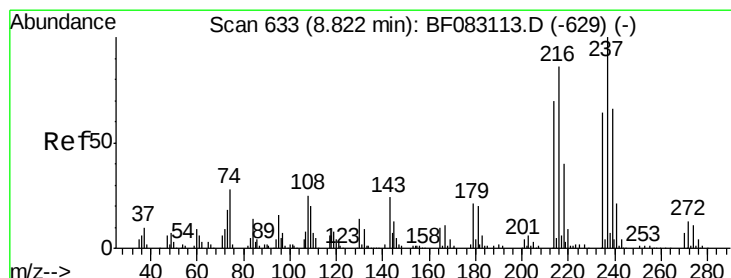
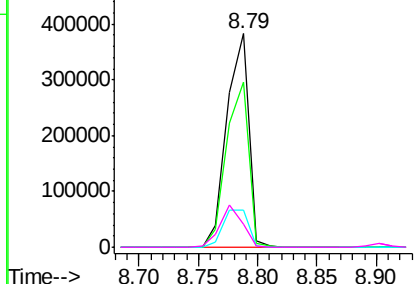
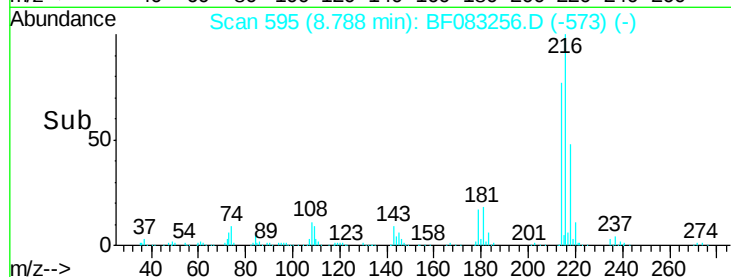
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.98 ng
 RT: 8.79 min Scan# 595
 Delta R.T. -0.05 min
 Lab File: BF083256.D
 Acq: 25 Nov 2015 00:37

Instrument :
 BNA_F
 ClientSampleId :
 UST-WASTECHARCTARIZATIONM

Tgt Ion:	216	Resp:	488868
Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.8	95.8
179	20.3	17.0	25.6
108	20.4	15.2	22.8

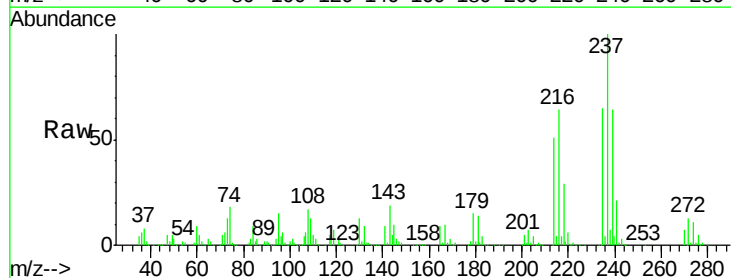


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

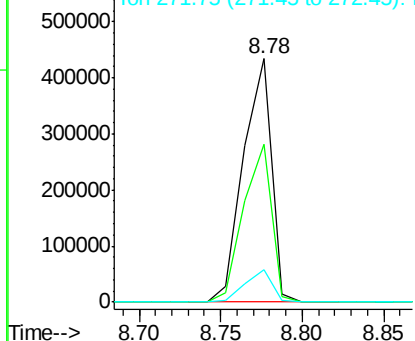
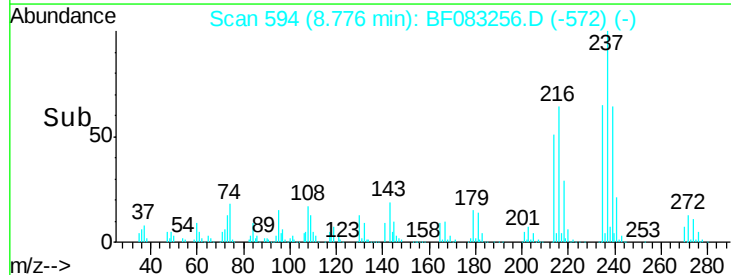


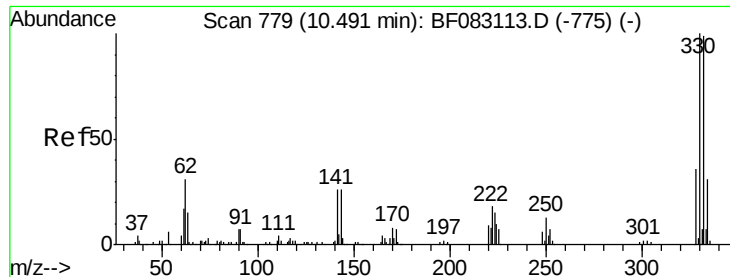
#40
 Hexachlorocyclopentadiene
 Concen: 80.46 ng
 RT: 8.78 min Scan# 594
 Delta R.T. -0.05 min
 Lab File: BF083256.D
 Acq: 25 Nov 2015 00:37

Tgt Ion:	237	Resp:	520398
Ion	Ratio	Lower	Upper
237	100		
235	64.7	43.5	83.5
272	13.3	0.0	33.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

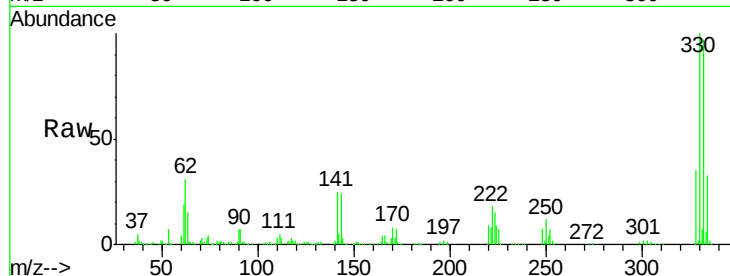




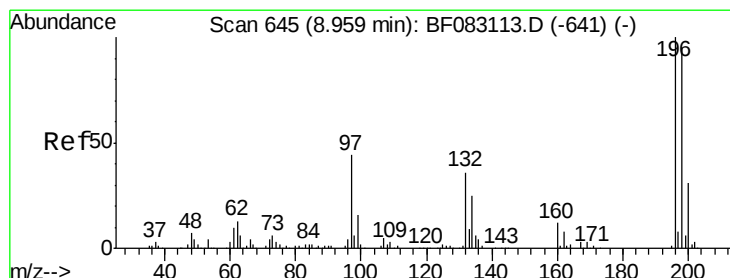
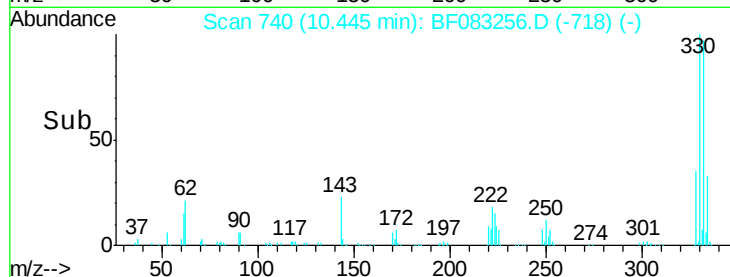
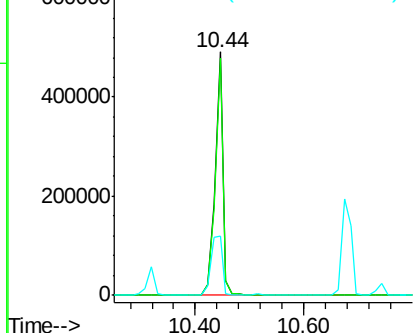
#41
 2,4,6-Tribromophenol
 Concen: 141.78 ng
 RT: 10.44 min Scan# 740
 Delta R.T. -0.05 min
 Lab File: BF083256.D
 Acq: 25 Nov 2015 00:37

Instrument :
 BNA_F
 ClientSampleId :
 UST-WASTECHARCTARIZATIONM

Tgt Ion:330 Resp: 509067
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.7 116.5
 141 35.7 29.7 44.5

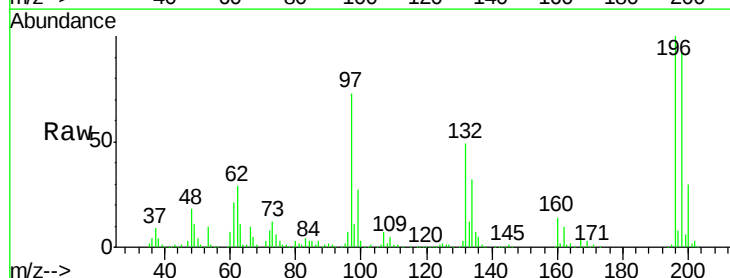


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

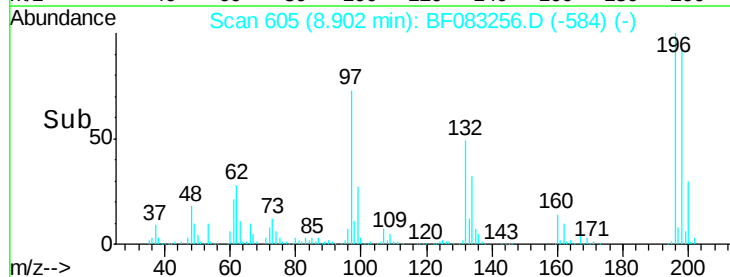
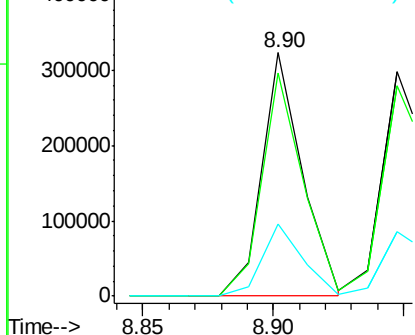


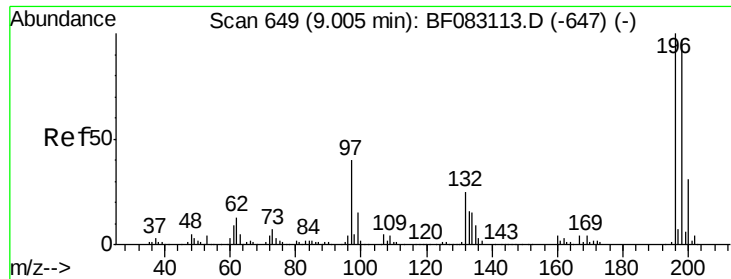
#42
 2,4,6-Trichlorophenol
 Concen: 42.81 ng
 RT: 8.90 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF083256.D
 Acq: 25 Nov 2015 00:37

Tgt Ion:196 Resp: 348792
 Ion Ratio Lower Upper
 196 100
 198 91.9 75.9 113.9
 200 29.6 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

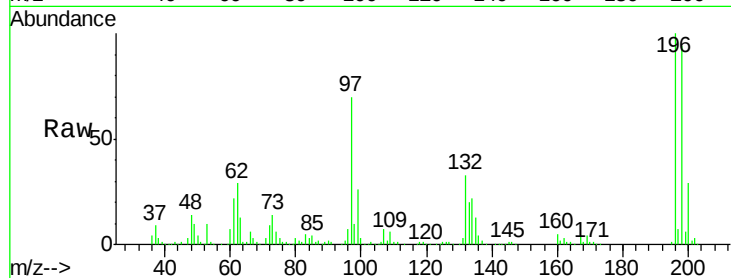




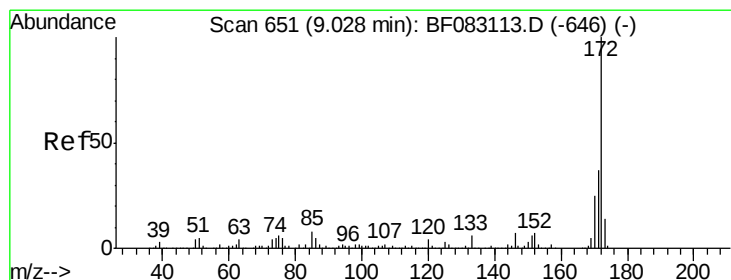
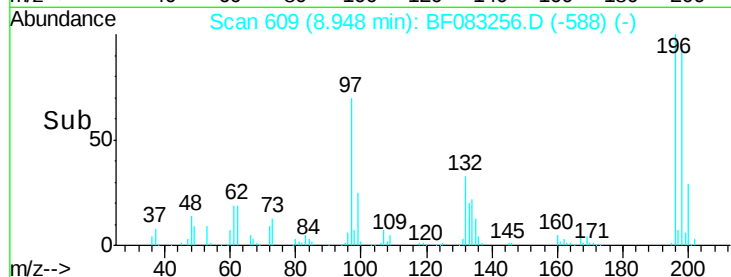
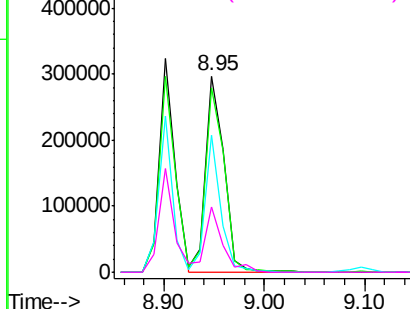
#43
 2,4,5-Trichlorophenol
 Concen: 45.12 ng
 RT: 8.95 min Scan# 609
 Delta R.T. -0.06 min
 Lab File: BF083256.D
 Acq: 25 Nov 2015 00:37

Instrument :
 BNA_F
 ClientSampleId :
 UST-WASTECHARCTARIZATIONM

Tgt Ion:196 Resp: 375840
 Ion Ratio Lower Upper
 196 100
 198 94.1 77.6 116.4
 97 70.0 32.6 48.8#
 132 33.4 19.8 29.8#

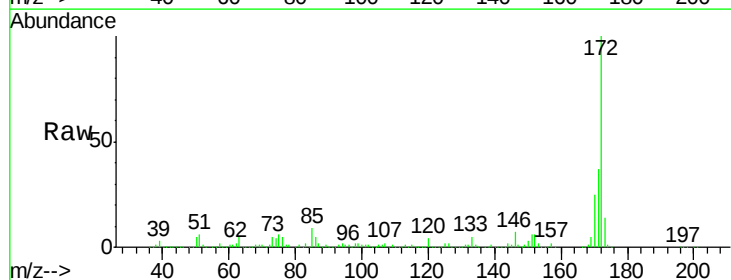


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

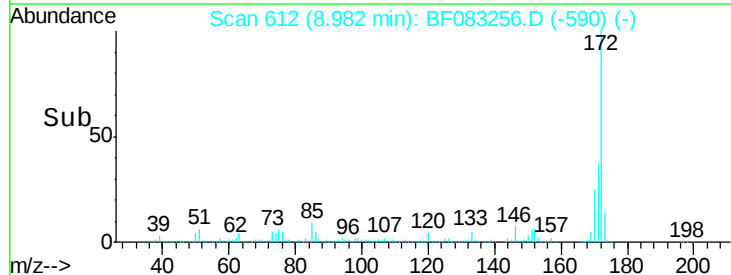
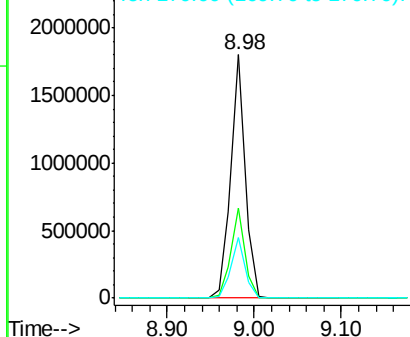


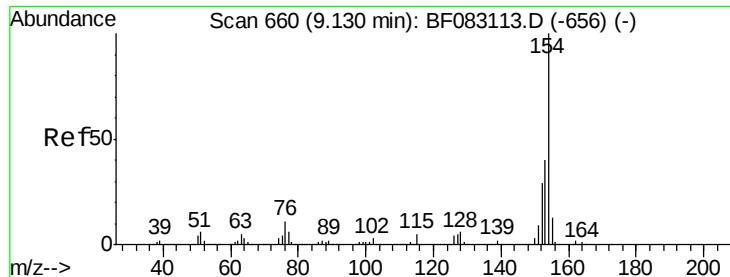
#44
 2-Fluorobiphenyl
 Concen: 82.76 ng
 RT: 8.98 min Scan# 612
 Delta R.T. -0.05 min
 Lab File: BF083256.D
 Acq: 25 Nov 2015 00:37

Tgt Ion:172 Resp: 2082759
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.5 44.3
 170 25.0 19.9 29.9



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 45.06 ng

RT: 9.08 min Scan# 621

Delta R.T. -0.05 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

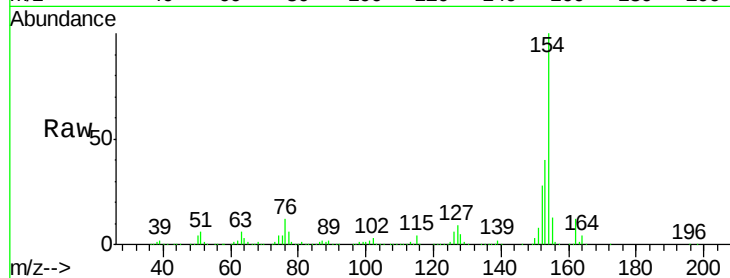
Tgt Ion:154 Resp: 1345852

Ion Ratio Lower Upper

154 100

153 40.2 20.5 60.5

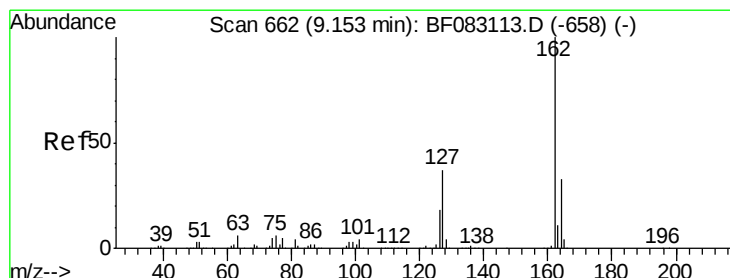
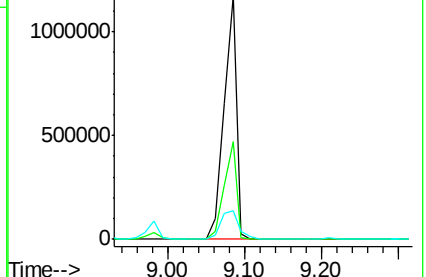
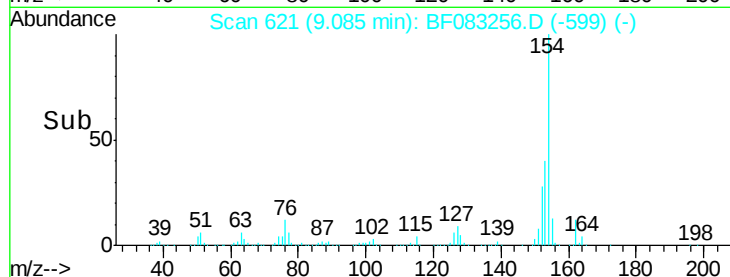
76 11.6 0.0 31.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.07 ng

RT: 9.10 min Scan# 622

Delta R.T. -0.06 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

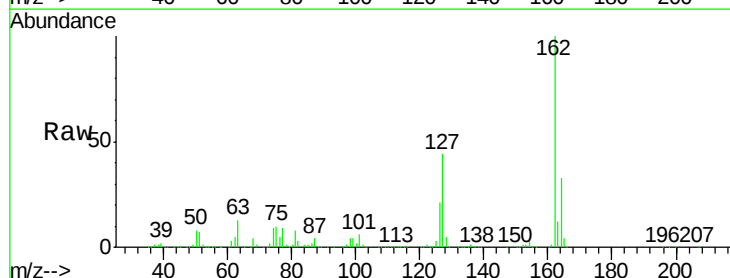
Tgt Ion:162 Resp: 1010371

Ion Ratio Lower Upper

162 100

127 43.5 29.4 44.2

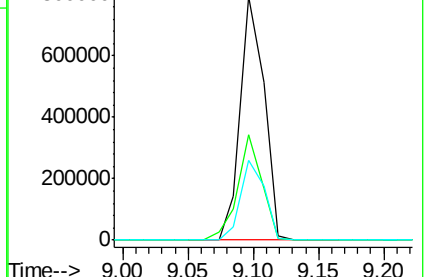
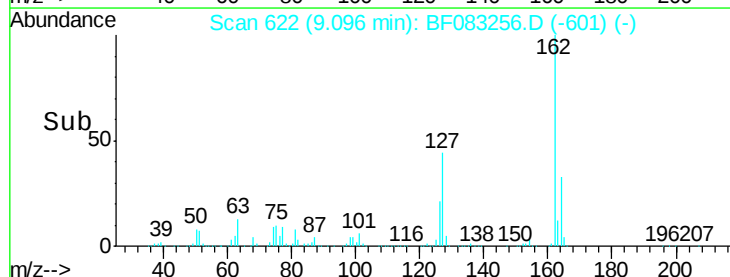
164 32.7 26.2 39.4

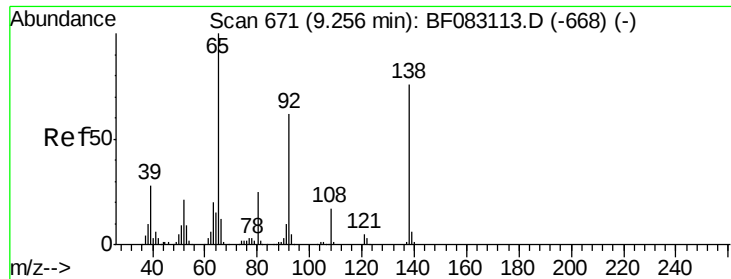


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

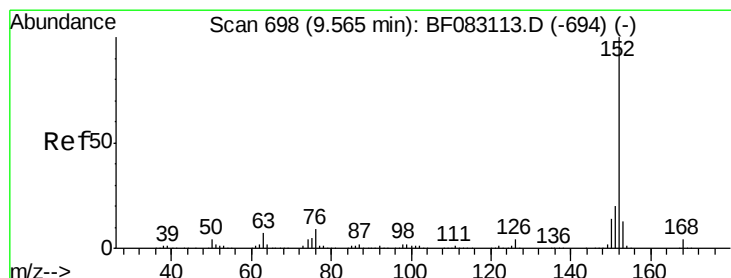
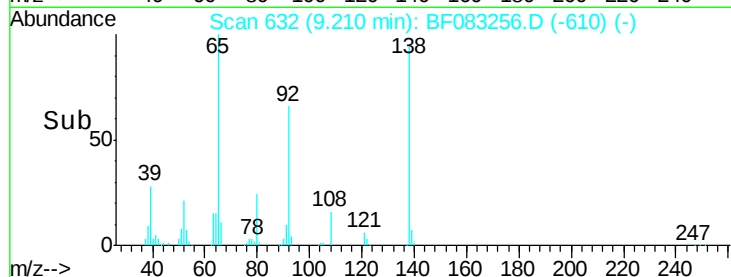
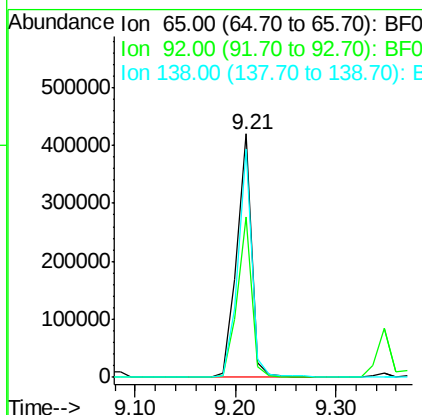
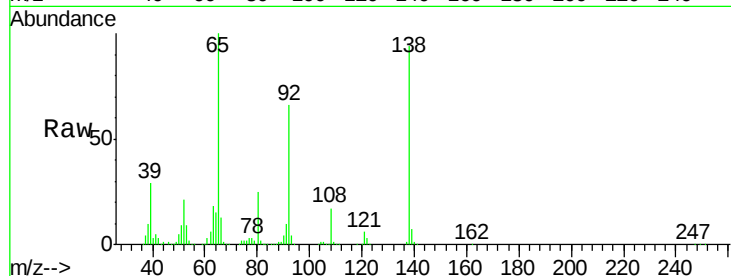




#47
2-Nitroaniline
Concen: 52.45 ng
RT: 9.21 min Scan# 632
Delta R.T. -0.05 min
Lab File: BF083256.D
Acq: 25 Nov 2015 00:37

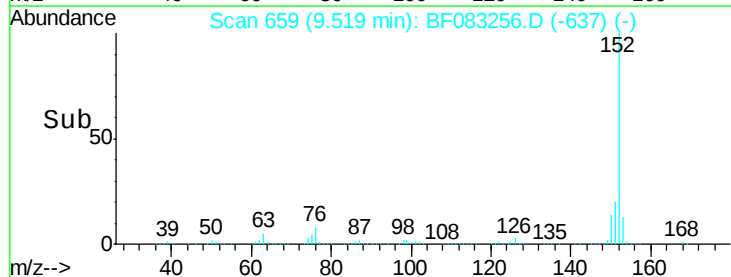
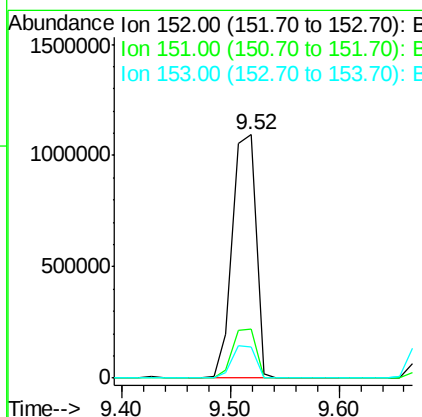
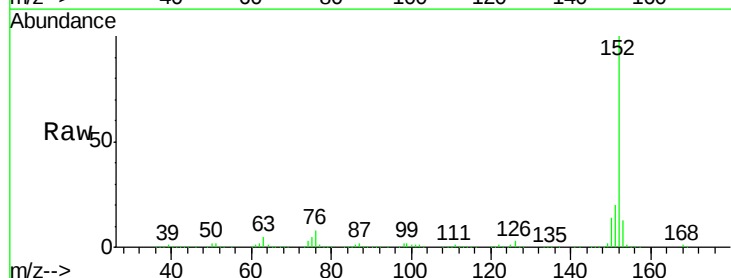
Instrument :
BNA_F
ClientSampleId :
UST-WASTECHARCTARIZATIONM

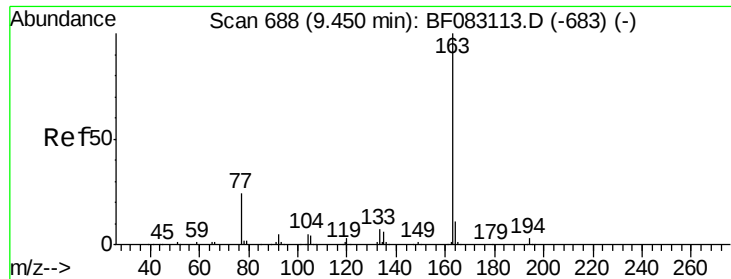
Tgt Ion: 65 Resp: 435332
Ion Ratio Lower Upper
65 100
92 65.9 49.5 74.3
138 93.7 60.7 91.1#



#48
Acenaphthylene
Concen: 44.99 ng
RT: 9.52 min Scan# 659
Delta R.T. -0.05 min
Lab File: BF083256.D
Acq: 25 Nov 2015 00:37

Tgt Ion: 152 Resp: 1635697
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 13.0 10.8 16.2





#49

Dimethylphthalate

Concen: 44.01 ng

RT: 9.39 min Scan# 648

Delta R.T. -0.06 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

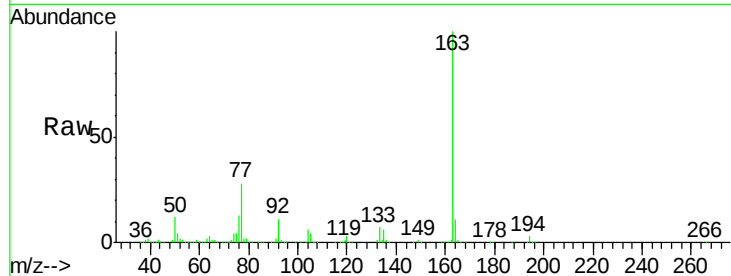
Tgt Ion:163 Resp: 1189062

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

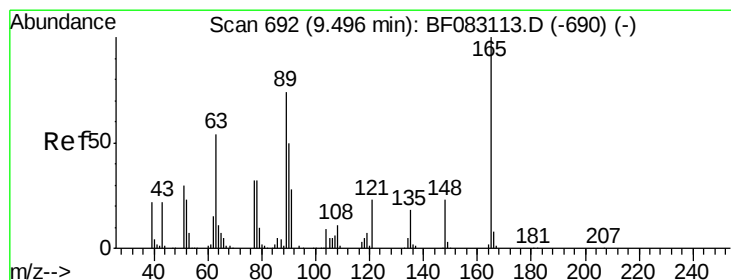
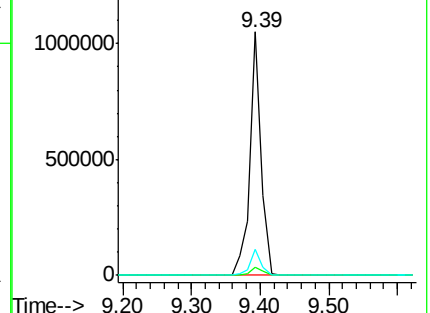
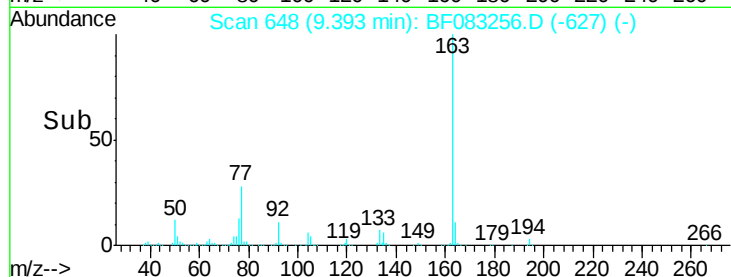
164 10.6 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.97 ng

RT: 9.45 min Scan# 653

Delta R.T. -0.05 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

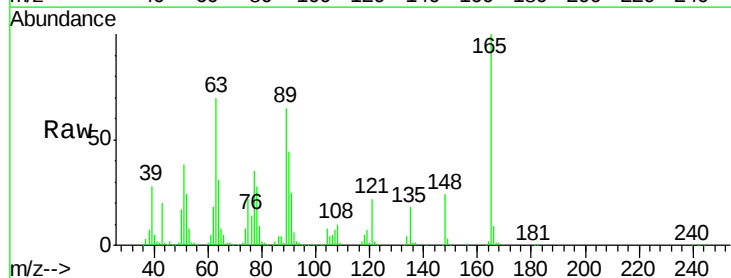
Tgt Ion:165 Resp: 272637

Ion Ratio Lower Upper

165 100

63 69.9 62.5 93.7

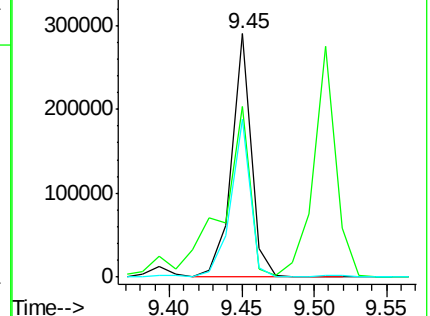
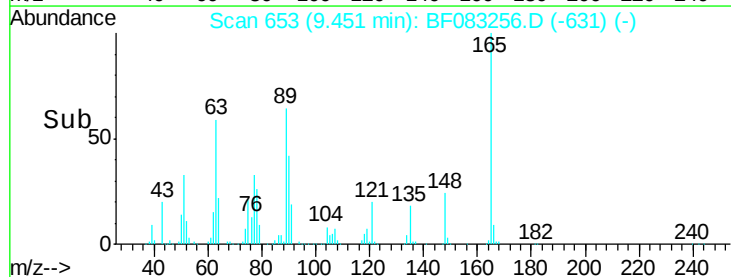
89 64.6 59.1 88.7

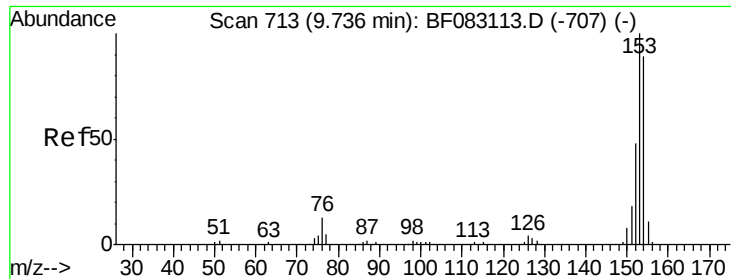


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.59 ng

RT: 9.68 min Scan# 673

Delta R.T. -0.06 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

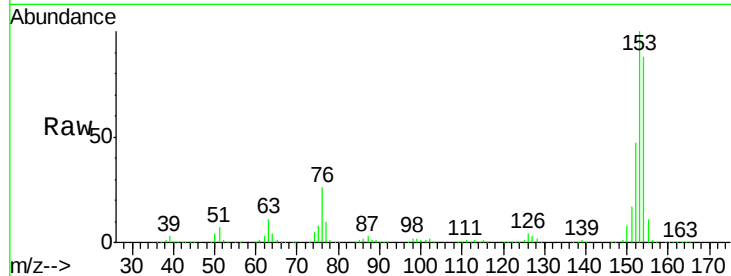
Tgt Ion:154 Resp: 964653

Ion Ratio Lower Upper

154 100

153 113.7 89.6 134.4

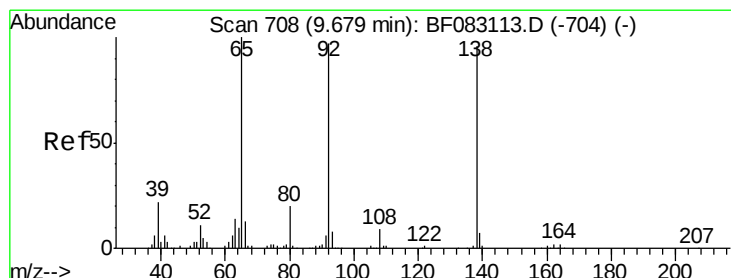
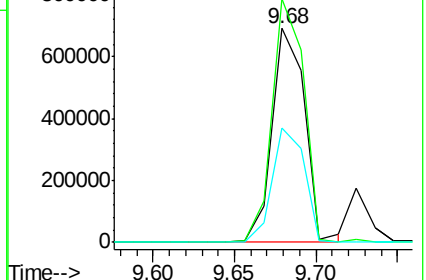
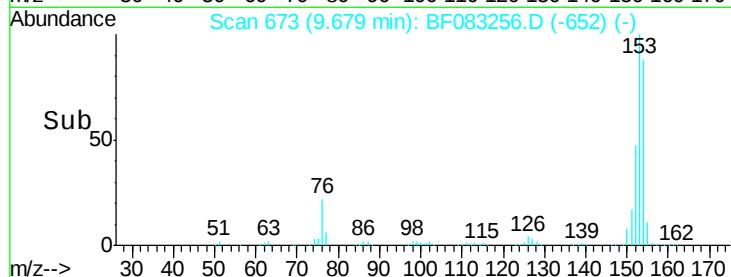
152 53.2 43.3 64.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 11.57 ng

RT: 9.62 min Scan# 668

Delta R.T. -0.06 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

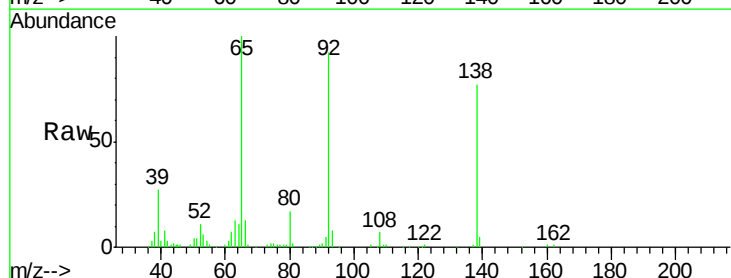
Tgt Ion:138 Resp: 74777

Ion Ratio Lower Upper

138 100

108 9.7 7.8 11.6

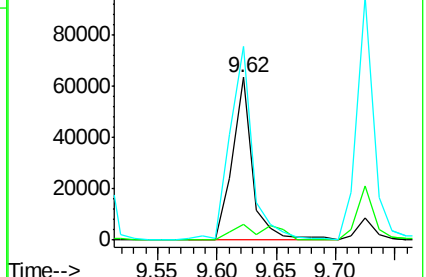
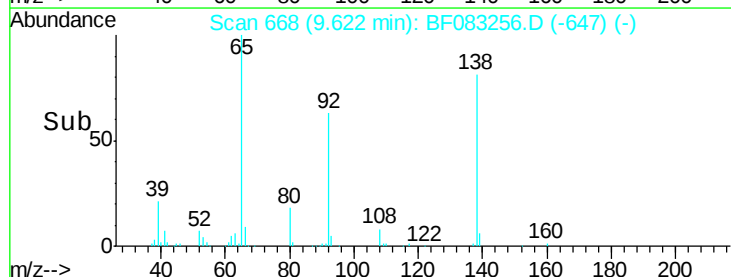
92 119.1 81.1 121.7

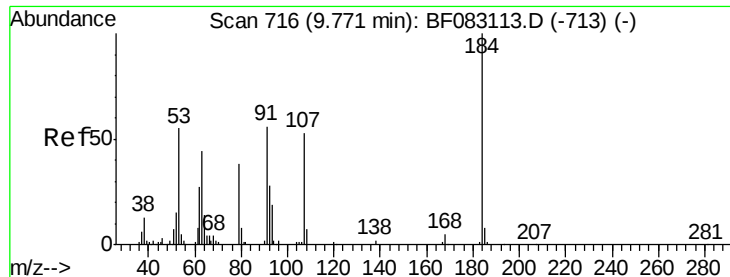


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

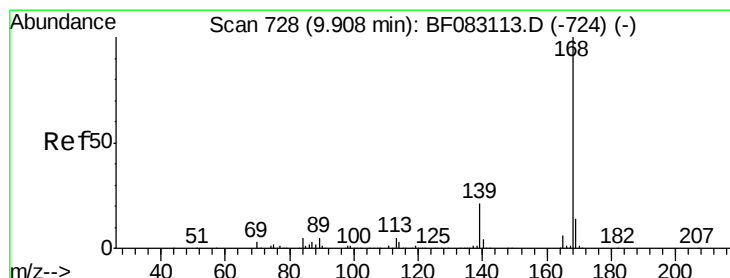
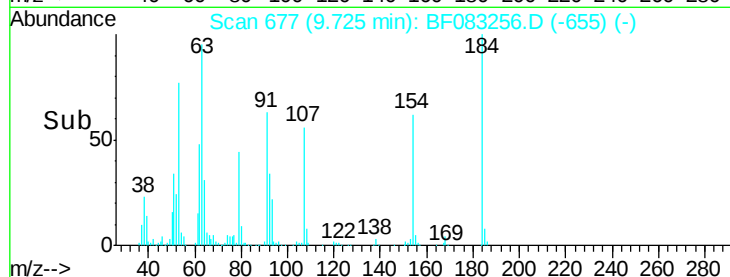
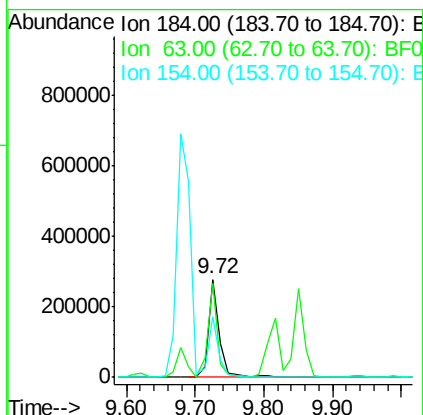
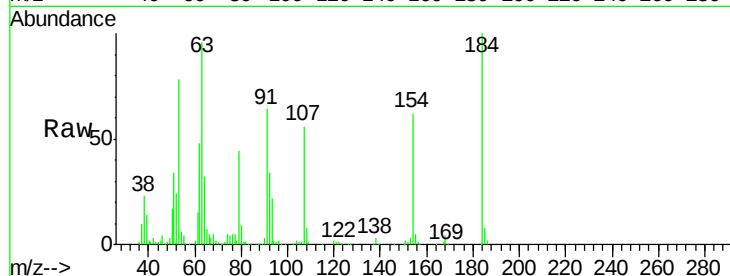




#53
2,4-Dinitrophenol
Concen: 87.89 ng
RT: 9.72 min Scan# 677
Delta R.T. -0.05 min
Lab File: BF083256.D
Acq: 25 Nov 2015 00:37

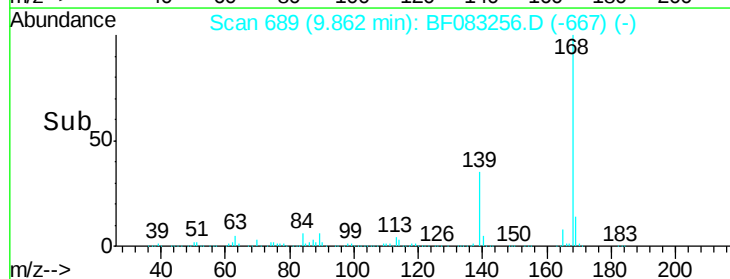
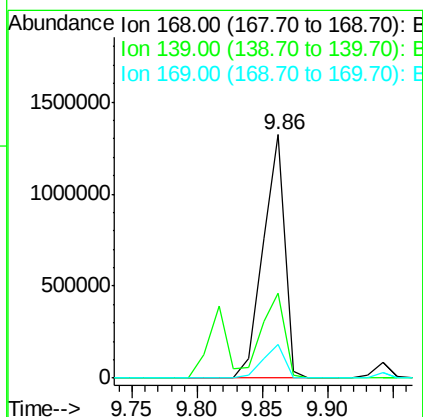
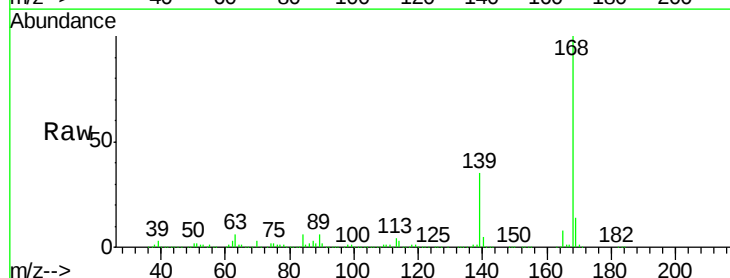
Instrument :
BNA_F
ClientSampleId :
UST-WASTECHARCTARIZATIONM

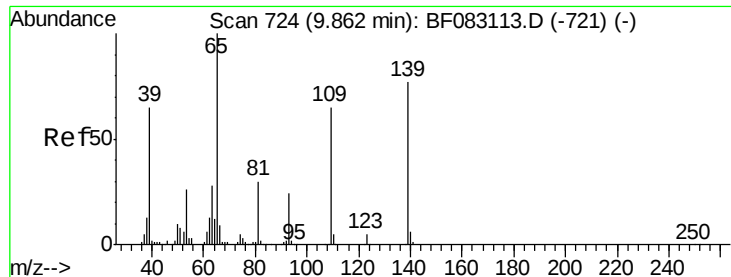
Tgt Ion:184 Resp: 306974
Ion Ratio Lower Upper
184 100
63 96.2 60.5 90.7#
154 62.1 54.3 81.5



#54
Dibenzofuran
Concen: 48.95 ng
RT: 9.86 min Scan# 689
Delta R.T. -0.05 min
Lab File: BF083256.D
Acq: 25 Nov 2015 00:37

Tgt Ion:168 Resp: 1531575
Ion Ratio Lower Upper
168 100
139 34.9 30.2 45.2
169 13.7 10.9 16.3

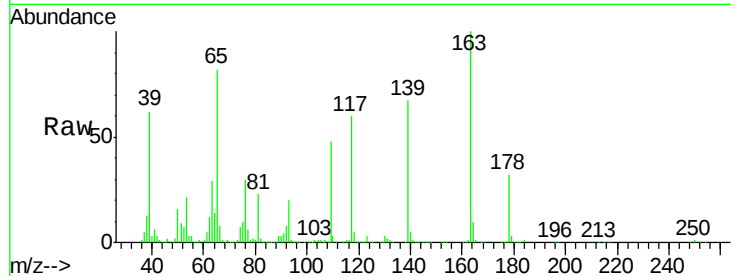




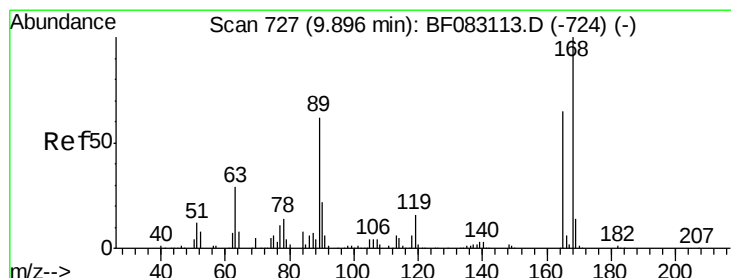
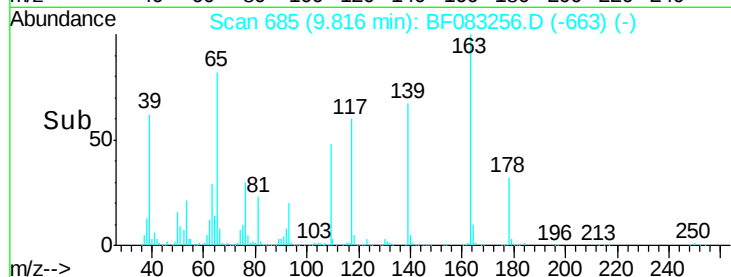
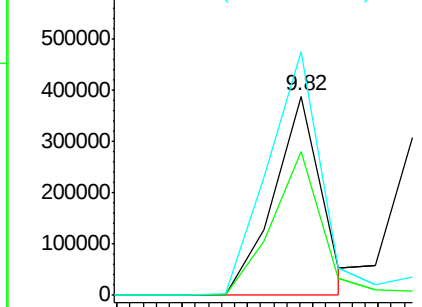
#55
4-Nitrophenol
Concen: 78.98 ng
RT: 9.82 min Scan# 685
Delta R.T. -0.05 min
Lab File: BF083256.D
Acq: 25 Nov 2015 00:37

Instrument :
BNA_F
ClientSampleId :
UST-WASTECHARCTARIZATIONM

Tgt Ion:139 Resp: 391470
Ion Ratio Lower Upper
139 100
109 72.2 64.0 104.0
65 122.2 109.5 149.5



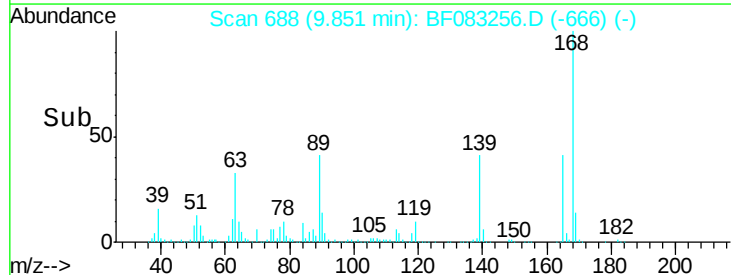
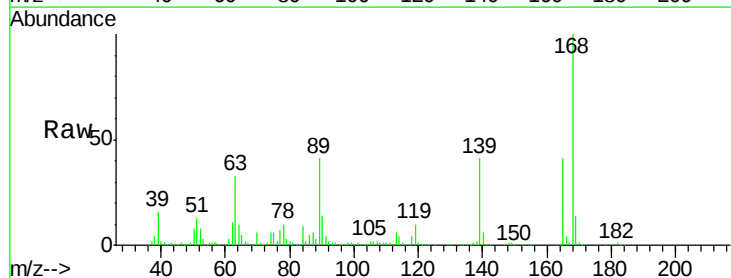
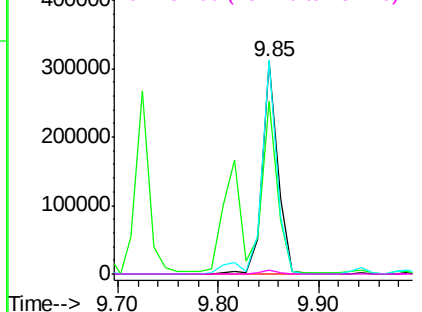
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

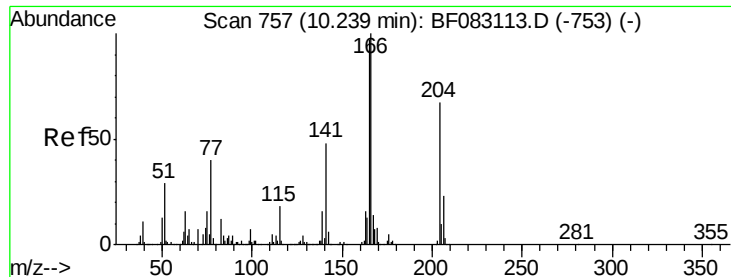


#56
2,4-Dinitrotoluene
Concen: 43.32 ng
RT: 9.85 min Scan# 688
Delta R.T. -0.05 min
Lab File: BF083256.D
Acq: 25 Nov 2015 00:37

Tgt Ion:165 Resp: 332804
Ion Ratio Lower Upper
165 100
63 81.7 54.5 81.7
89 100.7 77.3 115.9
182 2.1 1.8 2.6

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

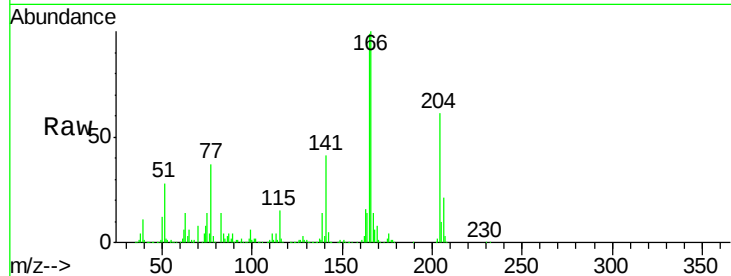




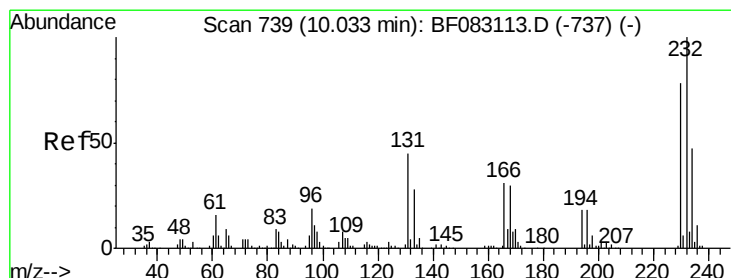
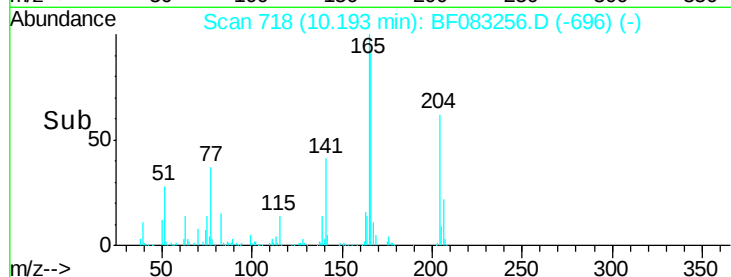
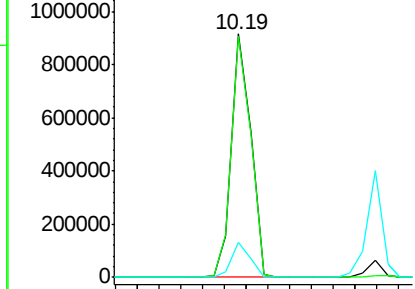
#57
 Fluorene
 Concen: 43.48 ng
 RT: 10.19 min Scan# 718
 Delta R.T. -0.05 min
 Lab File: BF083256.D
 Acq: 25 Nov 2015 00:37

Instrument :
 BNA_F
 ClientSampleId :
 UST-WASTECHARCTARIZATIONM

Tgt Ion:166 Resp: 1124168
 Ion Ratio Lower Upper
 166 100
 165 98.9 78.0 117.0
 167 14.2 11.3 16.9

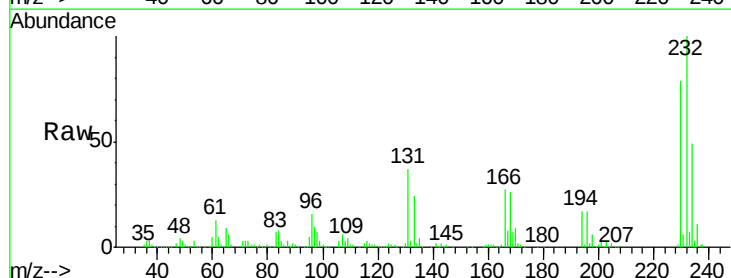


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

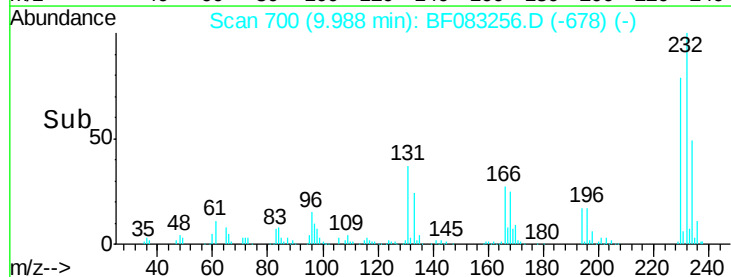
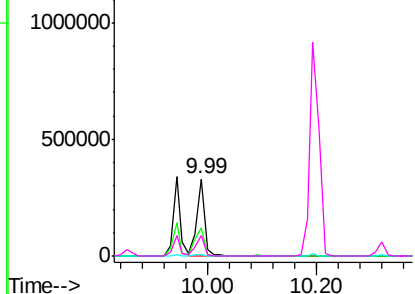


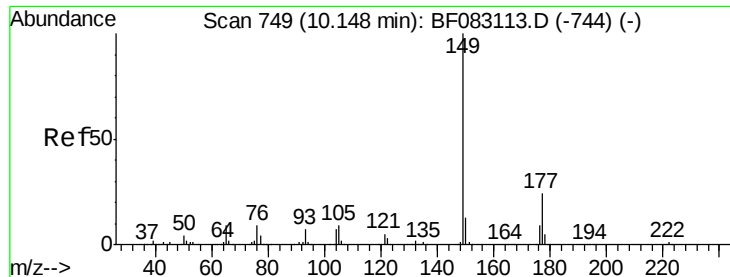
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.57 ng
 RT: 9.99 min Scan# 700
 Delta R.T. -0.05 min
 Lab File: BF083256.D
 Acq: 25 Nov 2015 00:37

Tgt Ion:232 Resp: 325039
 Ion Ratio Lower Upper
 232 100
 131 43.9 38.6 57.8
 130 2.2 1.9 2.9
 166 29.2 25.4 38.0



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

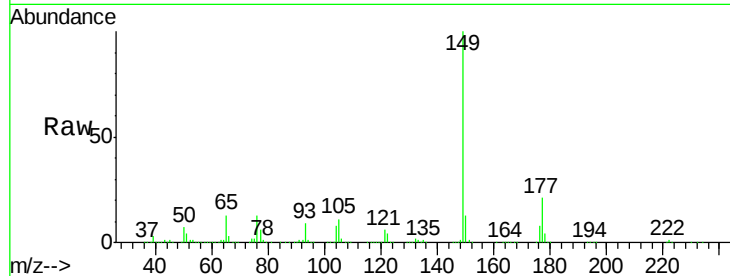




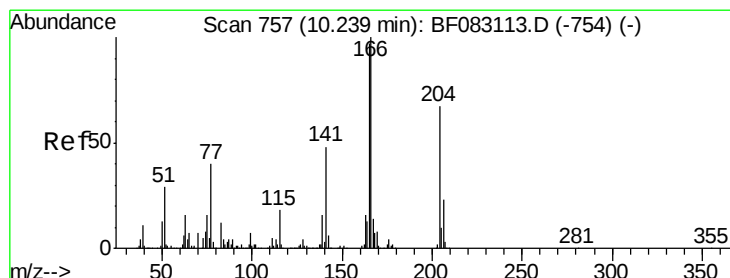
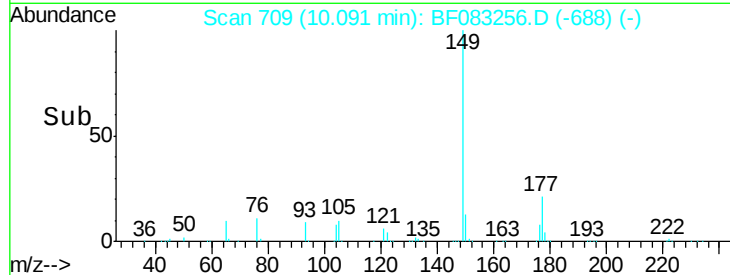
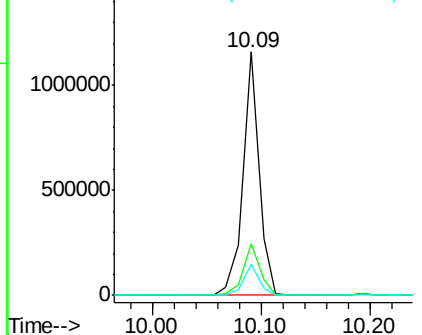
#59
Diethylphthalate
Concen: 43.88 ng
RT: 10.09 min Scan# 709
Delta R.T. -0.06 min
Lab File: BF083256.D
Acq: 25 Nov 2015 00:37

Instrument :
BNA_F
ClientSampleId :
UST-WASTECHARCTARIZATIONM

Tgt Ion:149 Resp: 1180109
Ion Ratio Lower Upper
149 100
177 21.4 19.4 29.2
150 13.0 10.2 15.2

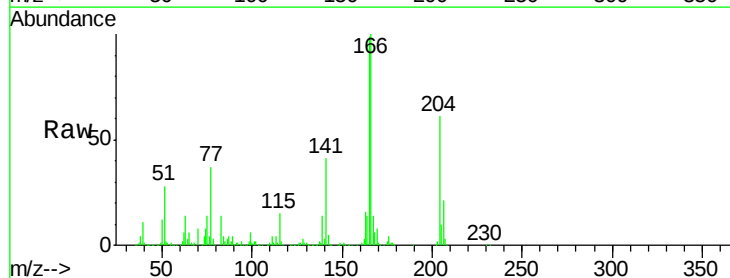


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

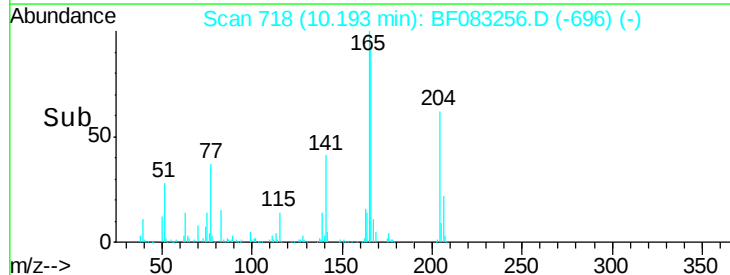
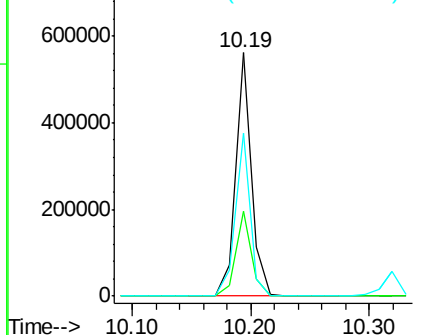


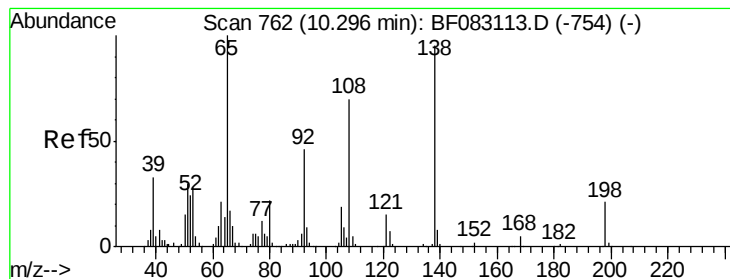
#60
4-Chlorophenyl-phenylether
Concen: 43.77 ng
RT: 10.19 min Scan# 718
Delta R.T. -0.05 min
Lab File: BF083256.D
Acq: 25 Nov 2015 00:37

Tgt Ion:204 Resp: 518337
Ion Ratio Lower Upper
204 100
206 34.8 27.4 41.0
141 66.9 57.4 86.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.65 ng

RT: 10.24 min Scan# 722

Delta R.T. -0.06 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

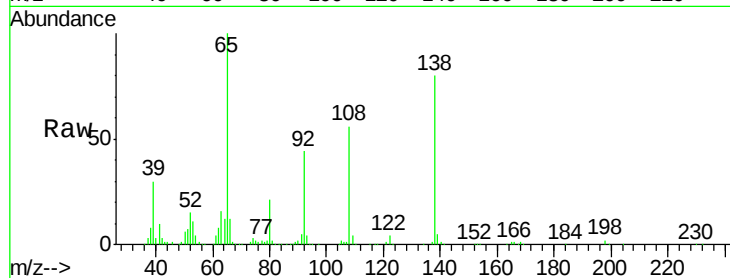
Tgt Ion:138 Resp: 277789

Ion Ratio Lower Upper

138 100

92 55.0 28.4 68.4

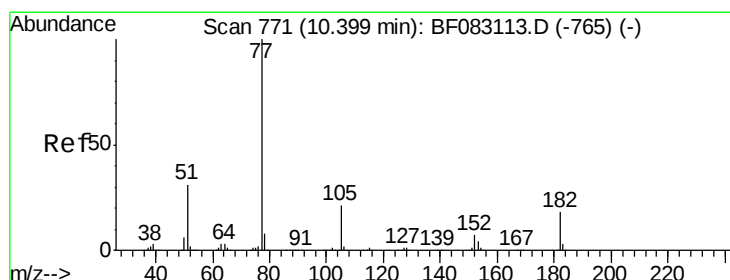
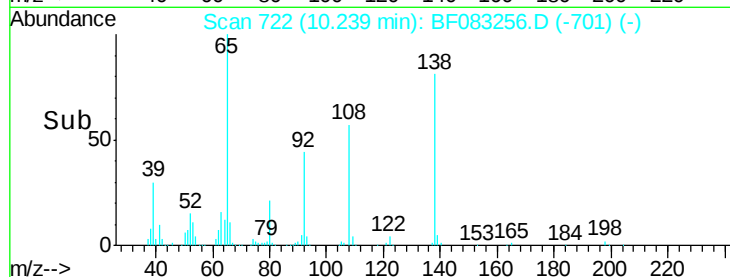
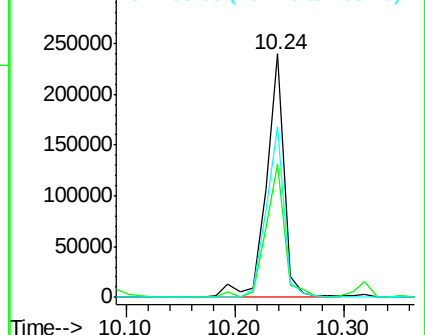
108 70.3 53.5 93.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 49.81 ng

RT: 10.35 min Scan# 732

Delta R.T. -0.05 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

Tgt Ion: 77 Resp: 1529103

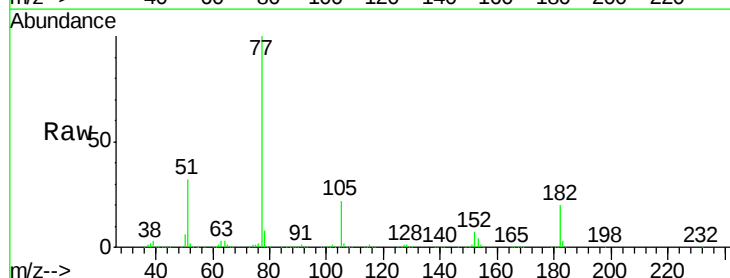
Ion Ratio Lower Upper

77 100

182 19.6 0.0 38.3

105 22.0 1.2 41.2

51 31.6 11.1 51.1

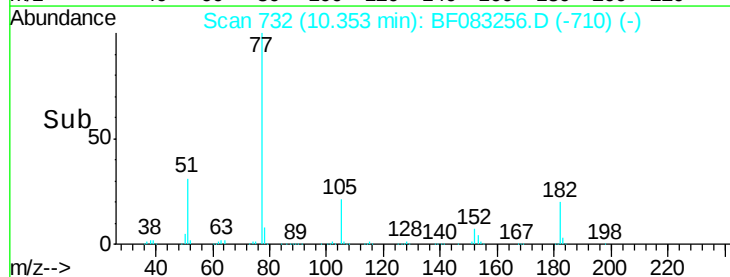
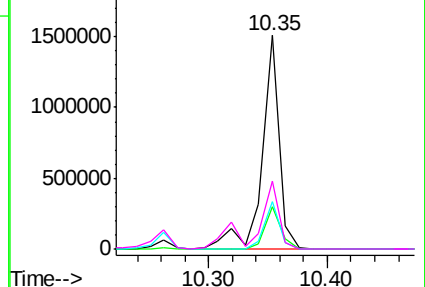


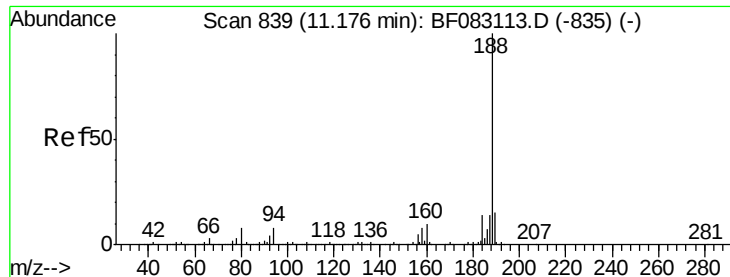
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

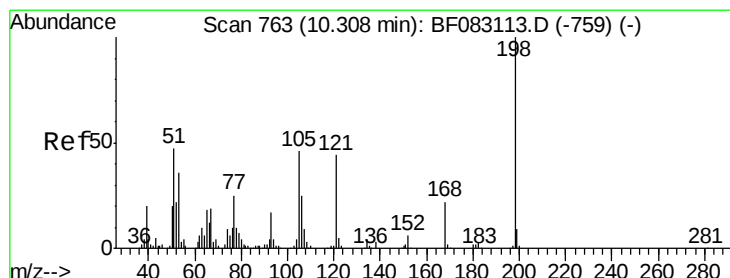
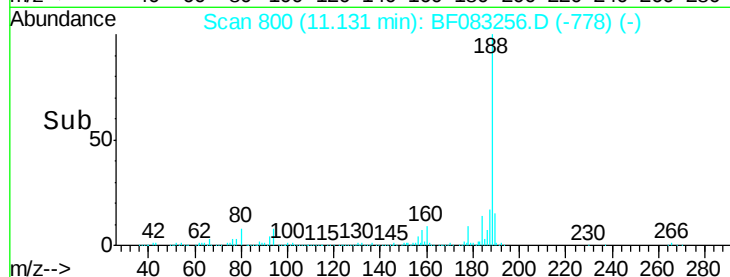
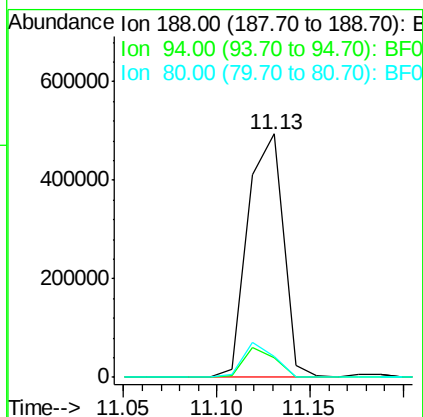
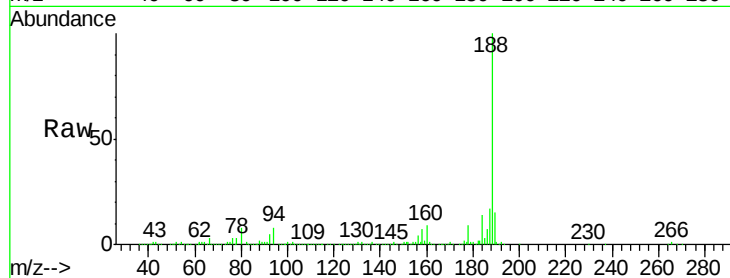




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 800
Delta R.T. -0.05 min
Lab File: BF083256.D
Acq: 25 Nov 2015 00:37

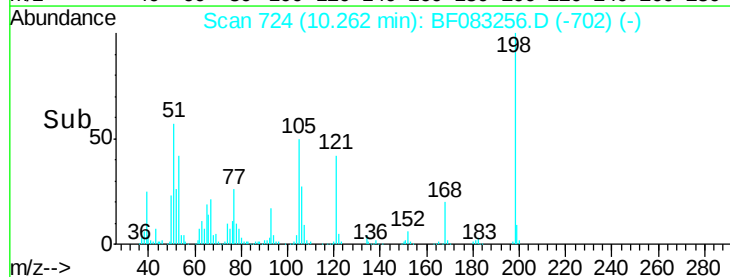
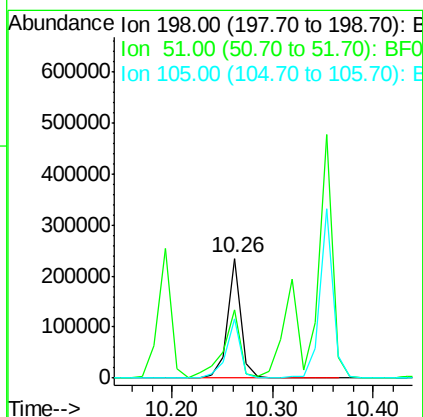
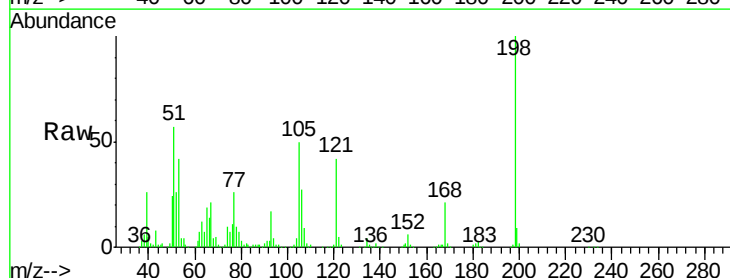
Instrument :
BNA_F
ClientSampleId :
UST-WASTECHARCTARIZATIONM

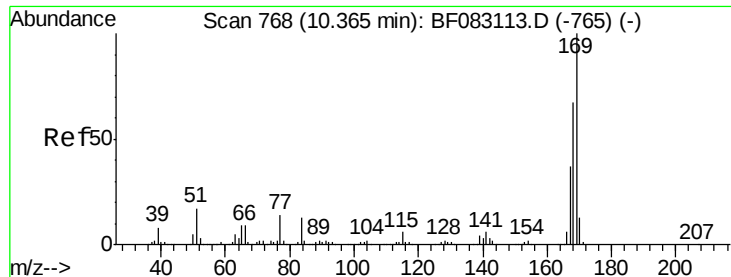
Tgt Ion:188 Resp: 652460
Ion Ratio Lower Upper
188 100
94 8.1 6.0 9.0
80 8.5 6.7 10.1



#64
4,6-Dinitro-2-methylphenol
Concen: 48.69 ng
RT: 10.26 min Scan# 724
Delta R.T. -0.05 min
Lab File: BF083256.D
Acq: 25 Nov 2015 00:37

Tgt Ion:198 Resp: 218882
Ion Ratio Lower Upper
198 100
51 57.2 27.0 67.0
105 49.9 26.1 66.1





#65

n-Nitrosodiphenylamine

Concen: 46.89 ng

RT: 10.32 min Scan# 729

Delta R.T. -0.05 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

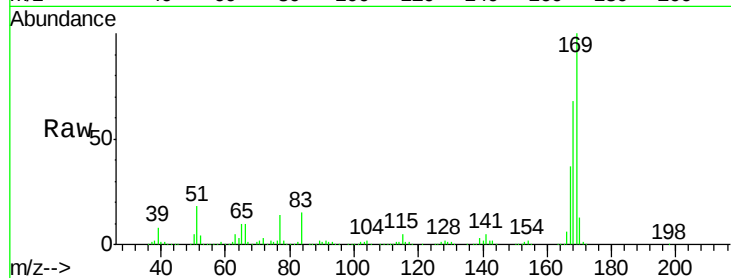
Tgt Ion:169 Resp: 1040429

Ion Ratio Lower Upper

169 100

168 68.3 53.8 80.6

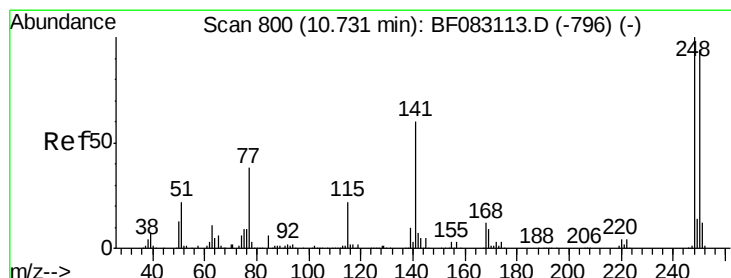
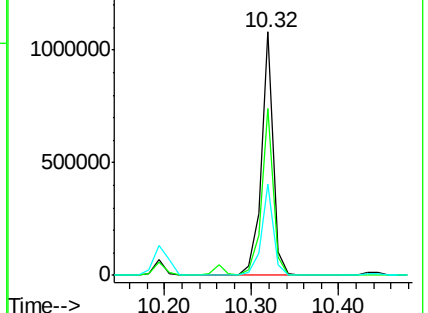
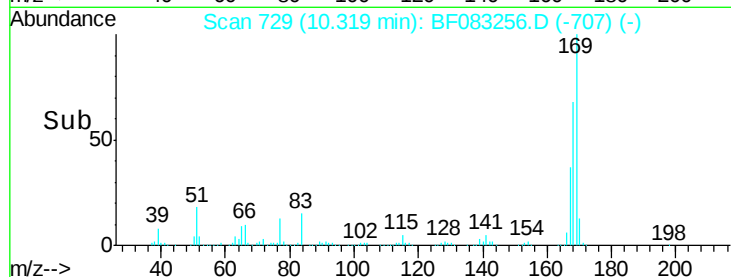
167 37.3 29.8 44.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.28 ng

RT: 10.68 min Scan# 761

Delta R.T. -0.05 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

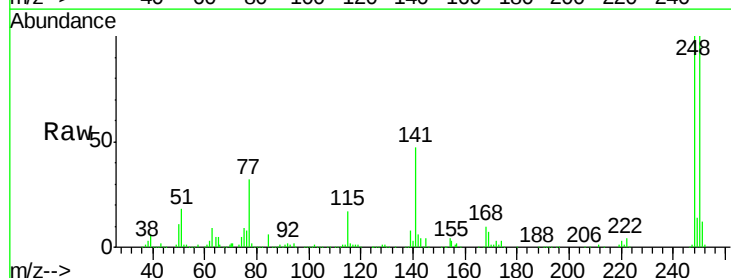
Tgt Ion:248 Resp: 342346

Ion Ratio Lower Upper

248 100

250 100.4 75.4 113.2

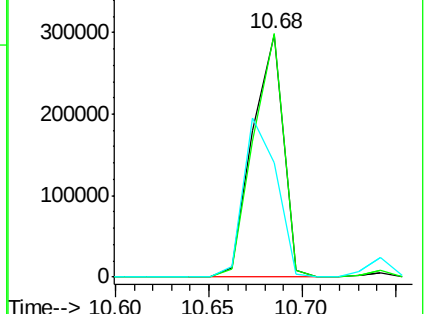
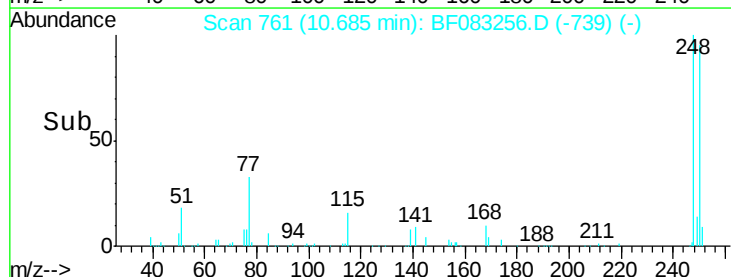
141 47.3 48.1 72.1#

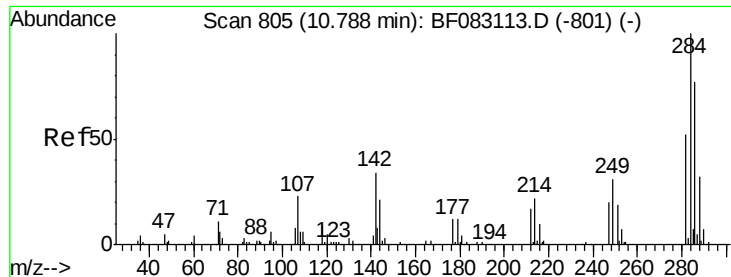


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

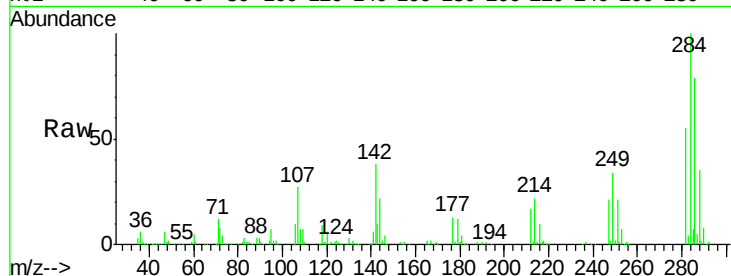




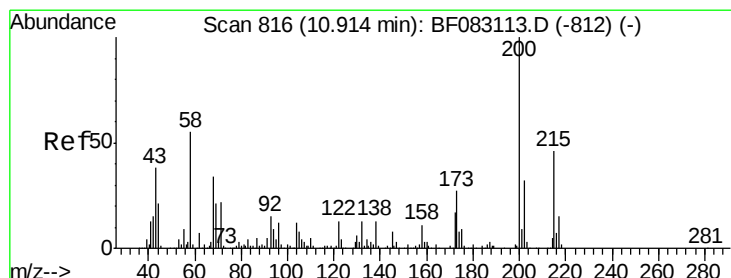
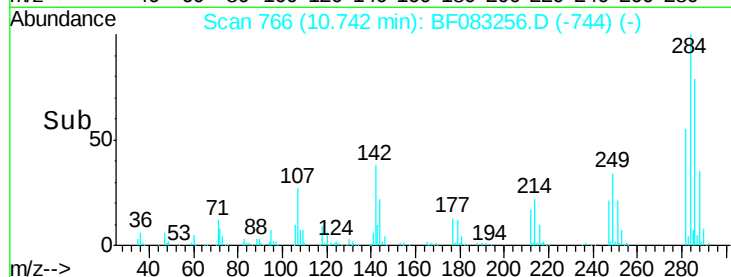
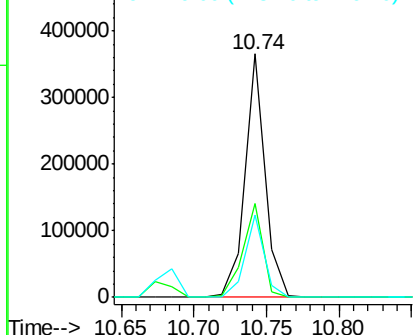
#67
Hexachlorobenzene
Concen: 43.80 ng
RT: 10.74 min Scan# 766
Delta R.T. -0.05 min
Lab File: BF083256.D
Acq: 25 Nov 2015 00:37

Instrument :
BNA_F
ClientSampleId :
UST-WASTECHARCTARIZATIONM

Tgt Ion:284 Resp: 349196
Ion Ratio Lower Upper
284 100
142 38.4 27.6 41.4
249 34.1 25.5 38.3

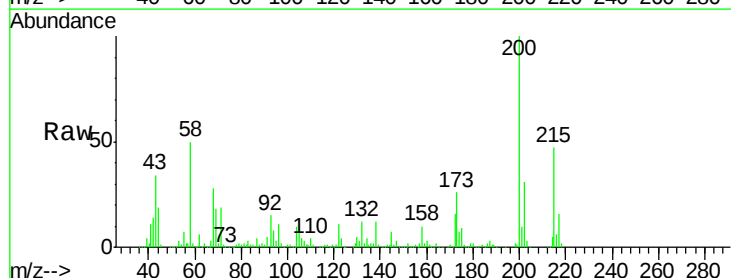


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

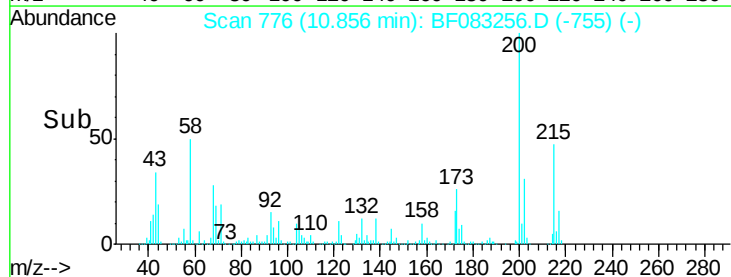
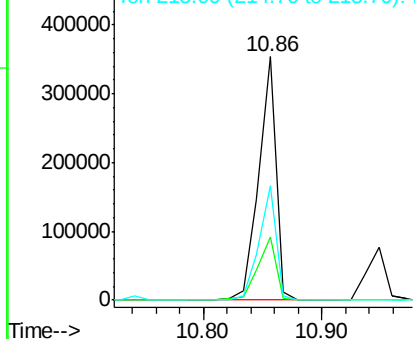


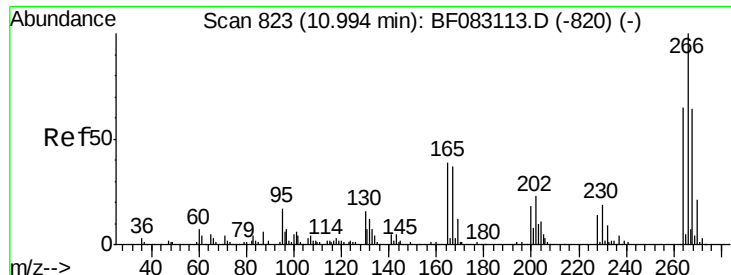
#68
Atrazine
Concen: 56.43 ng
RT: 10.86 min Scan# 776
Delta R.T. -0.06 min
Lab File: BF083256.D
Acq: 25 Nov 2015 00:37

Tgt Ion:200 Resp: 363654
Ion Ratio Lower Upper
200 100
173 26.2 7.2 47.2
215 47.2 25.7 65.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

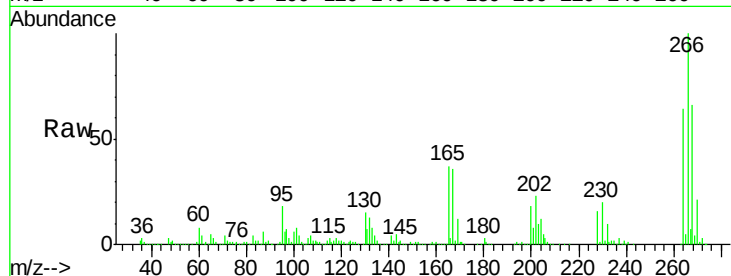




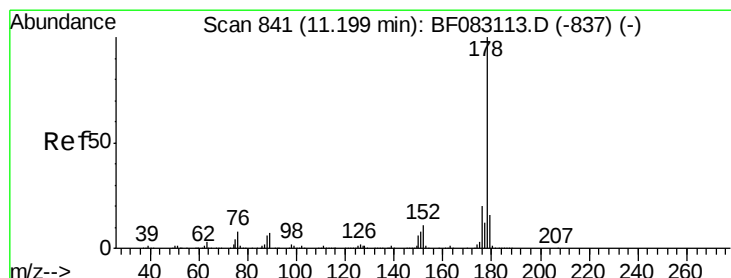
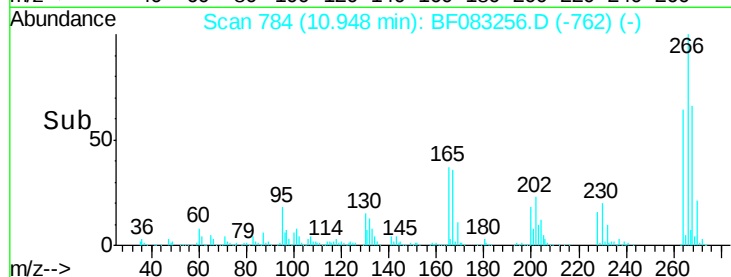
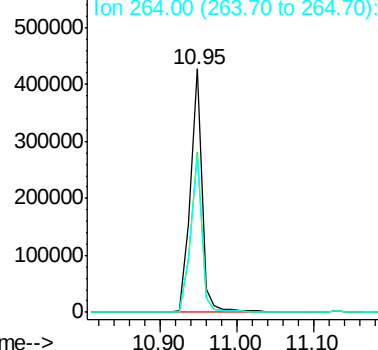
#69
 Pentachlorophenol
 Concen: 87.07 ng
 RT: 10.95 min Scan# 784
 Delta R.T. -0.05 min
 Lab File: BF083256.D
 Acq: 25 Nov 2015 00:37

Instrument :
 BNA_F
 ClientSampleId :
 UST-WASTECHARCTARIZATIONM

Tgt Ion:266 Resp: 452181
 Ion Ratio Lower Upper
 266 100
 268 65.9 51.4 77.0
 264 64.1 51.7 77.5

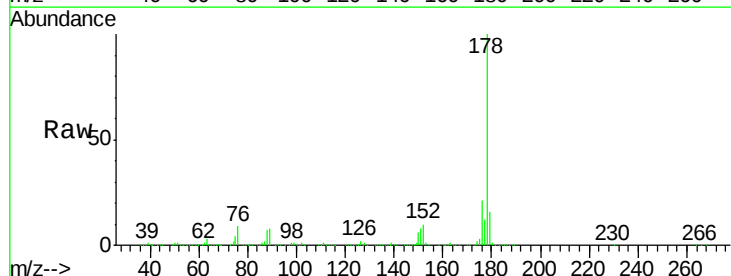


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

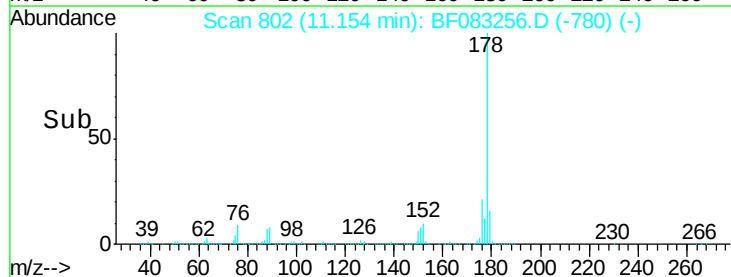
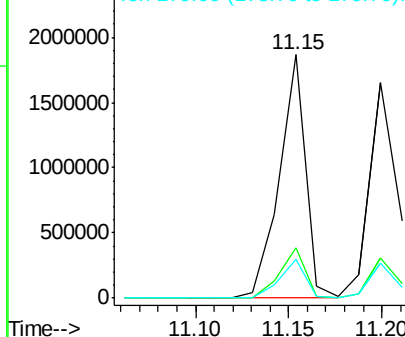


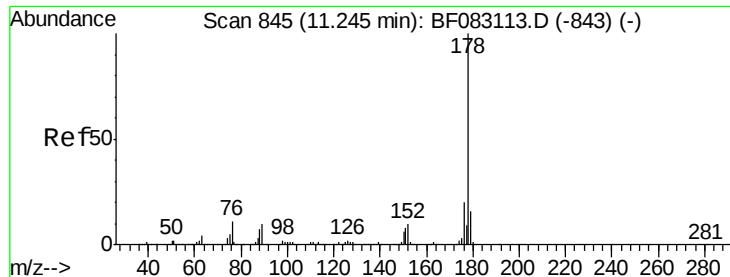
#70
 Phenanthrene
 Concen: 48.62 ng
 RT: 11.15 min Scan# 802
 Delta R.T. -0.05 min
 Lab File: BF083256.D
 Acq: 25 Nov 2015 00:37

Tgt Ion:178 Resp: 1827618
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.2 24.2
 179 16.2 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

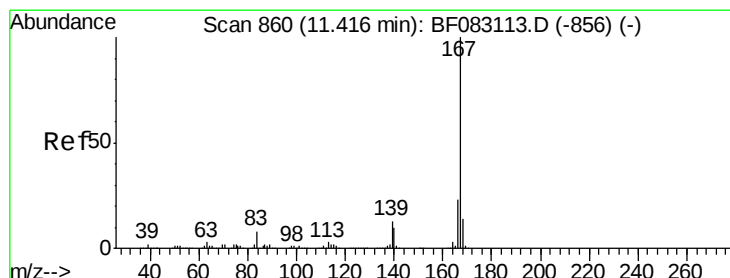
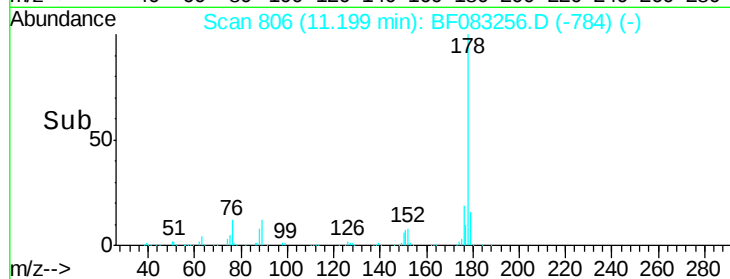
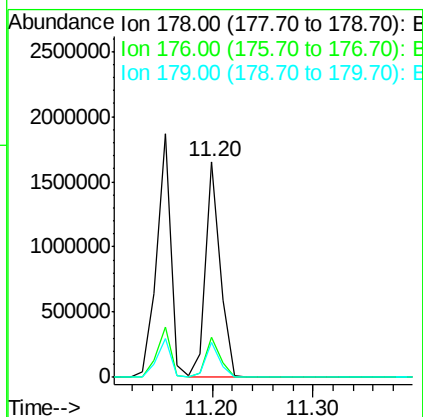
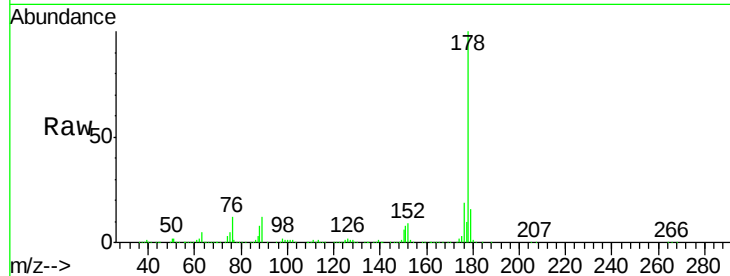




#71
 Anthracene
 Concen: 43.95 ng
 RT: 11.20 min Scan# 806
 Delta R.T. -0.05 min
 Lab File: BF083256.D
 Acq: 25 Nov 2015 00:37

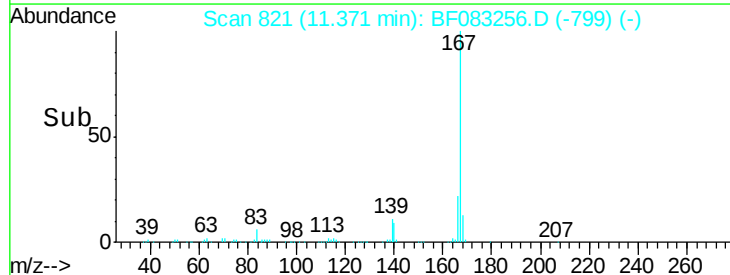
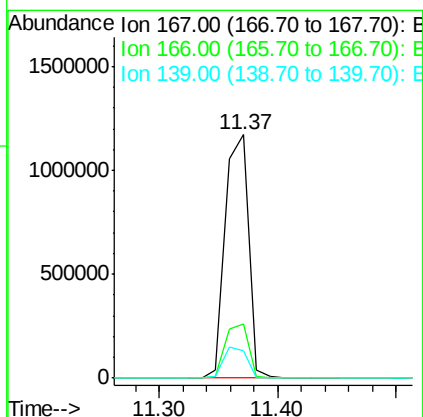
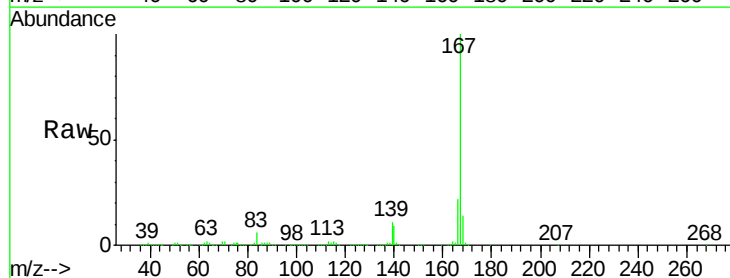
Instrument :
 BNA_F
 ClientSampleId :
 UST-WASTECHARCTARIZATIONM

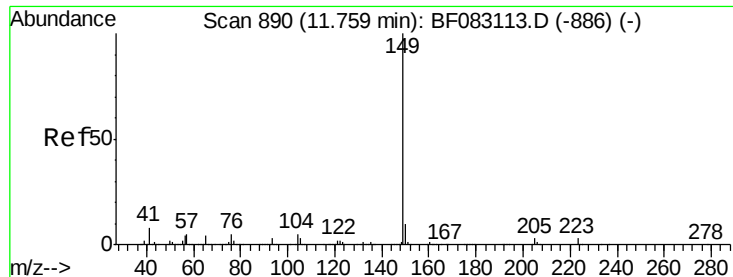
Tgt Ion:178 Resp: 1685636
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.6 23.4
 179 16.3 13.2 19.8



#72
 Carbazole
 Concen: 46.74 ng
 RT: 11.37 min Scan# 821
 Delta R.T. -0.05 min
 Lab File: BF083256.D
 Acq: 25 Nov 2015 00:37

Tgt Ion:167 Resp: 1593187
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.0 27.0
 139 11.3 10.5 15.7

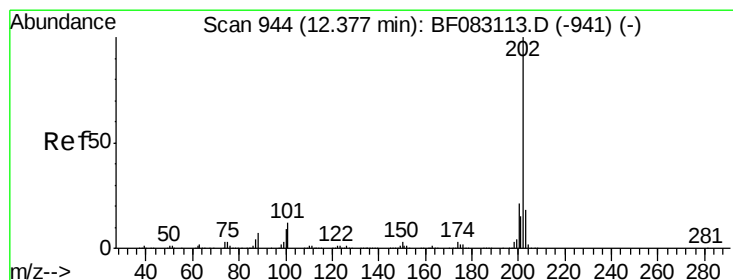
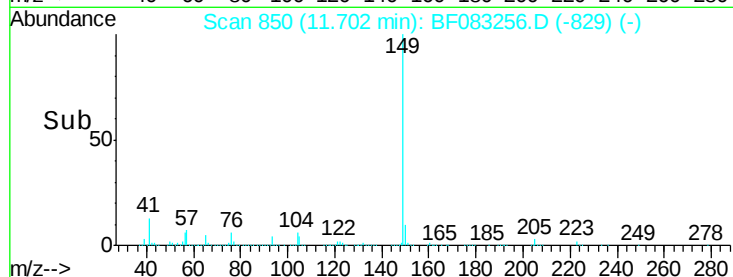
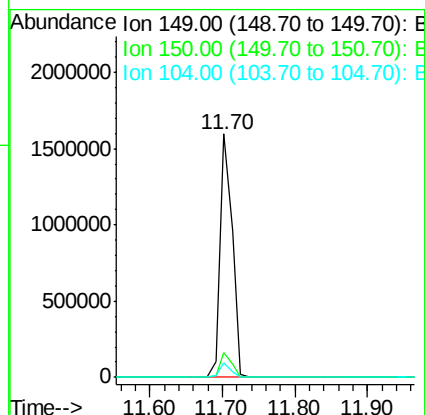
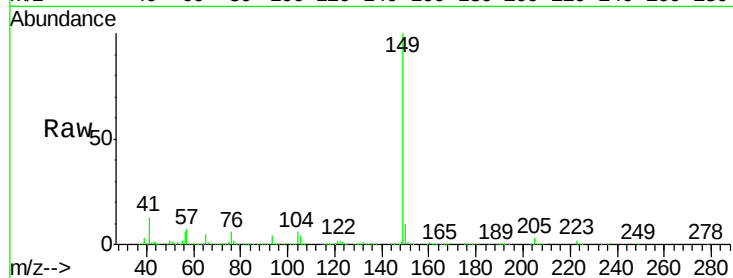




#73
Di-n-butylphthalate
Concen: 44.40 ng
RT: 11.70 min Scan# 850
Delta R.T. -0.06 min
Lab File: BF083256.D
Acq: 25 Nov 2015 00:37

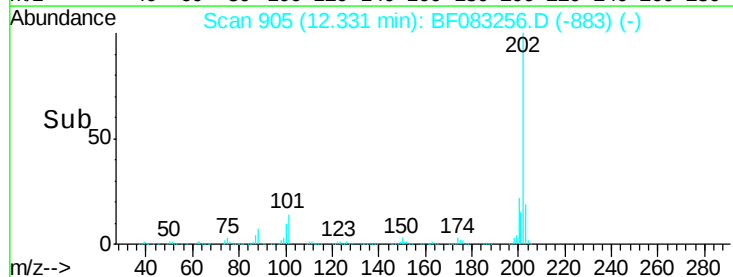
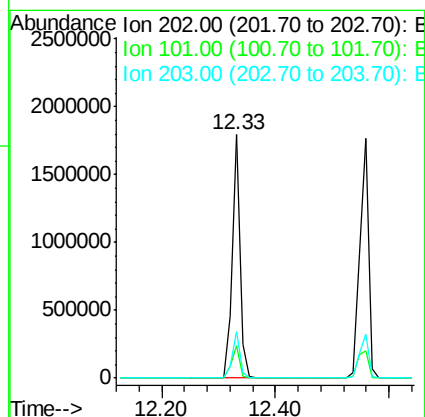
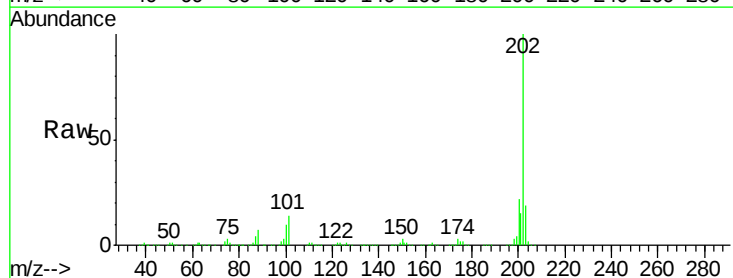
Instrument :
BNA_F
ClientSampleId :
UST-WASTECHARCTARIZATIONM

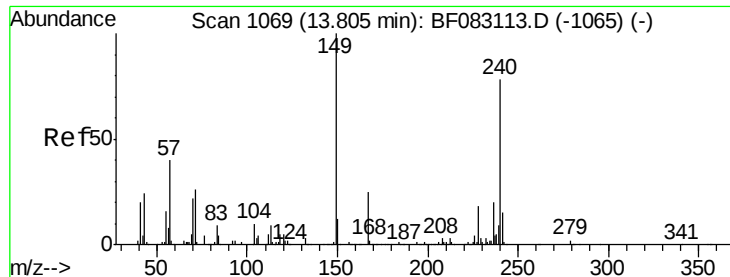
Tgt Ion:149 Resp: 1847340
Ion Ratio Lower Upper
149 100
150 10.0 8.0 12.0
104 5.9 4.4 6.6



#74
Fluoranthene
Concen: 45.25 ng
RT: 12.33 min Scan# 905
Delta R.T. -0.05 min
Lab File: BF083256.D
Acq: 25 Nov 2015 00:37

Tgt Ion:202 Resp: 1740925
Ion Ratio Lower Upper
202 100
101 13.5 0.0 32.3
203 18.9 0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1029

Delta R.T. -0.06 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

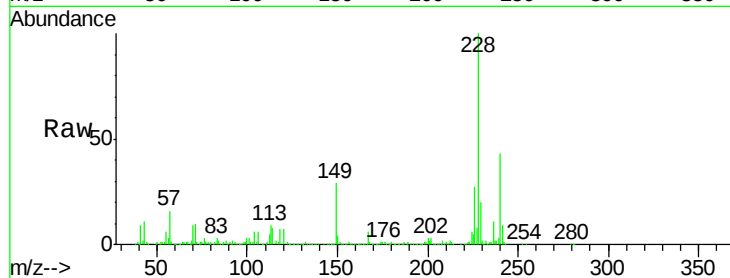
Tgt Ion:240 Resp: 477557

Ion Ratio Lower Upper

240 100

120 17.0 5.4 8.2#

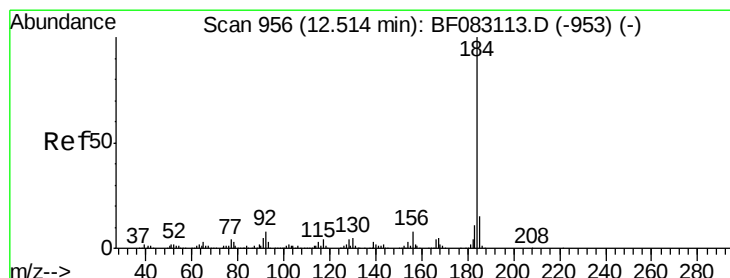
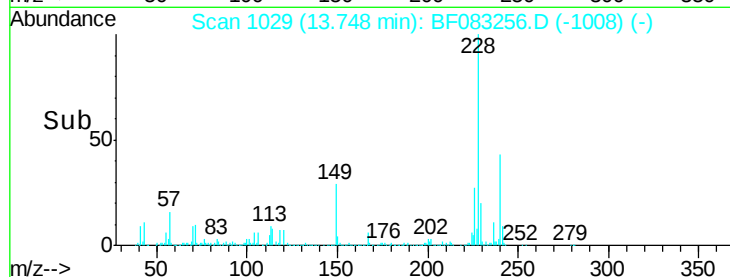
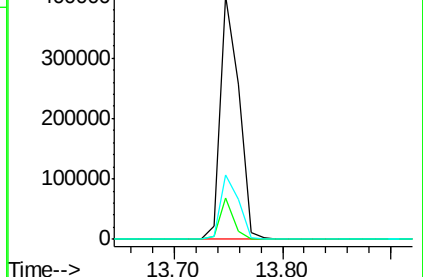
236 26.3 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 6.24 ng

RT: 12.47 min Scan# 917

Delta R.T. -0.05 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

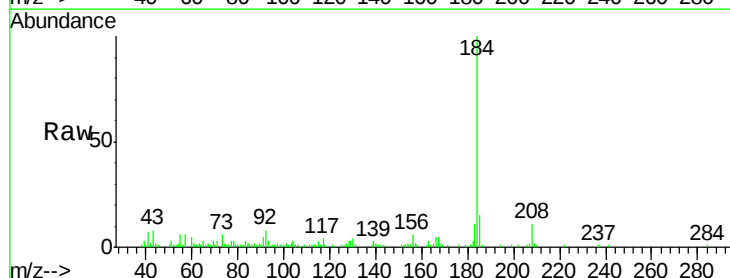
Tgt Ion:184 Resp: 78095

Ion Ratio Lower Upper

184 100

185 15.0 11.7 17.5

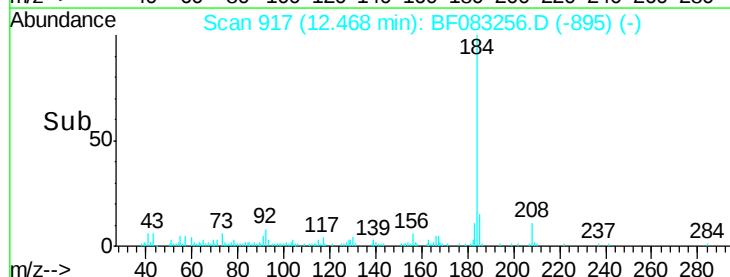
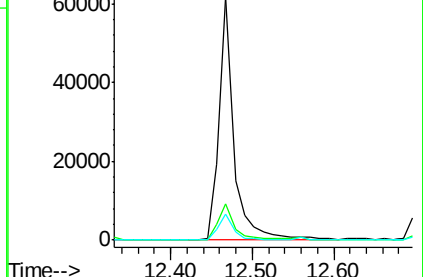
183 10.9 8.8 13.2

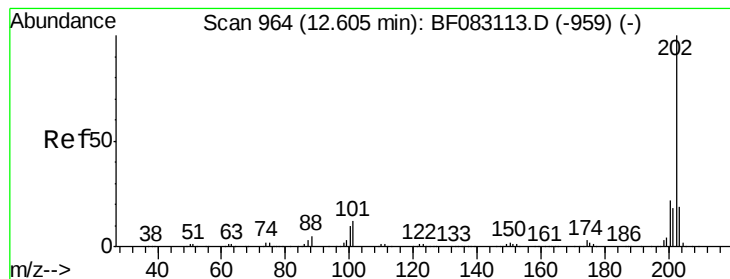


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 58.81 ng

RT: 12.56 min Scan# 925

Delta R.T. -0.05 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

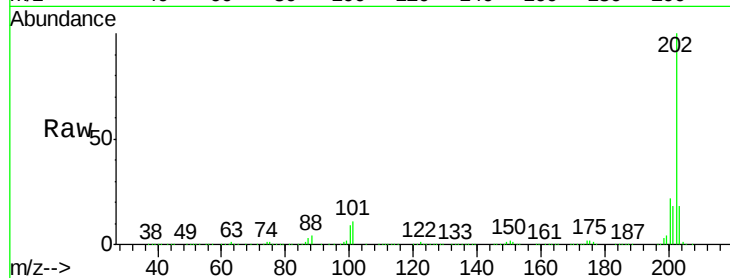
Tgt Ion:202 Resp: 1918588

Ion Ratio Lower Upper

202 100

200 22.4 17.8 26.6

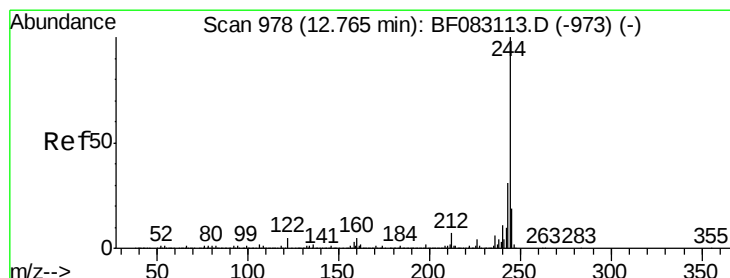
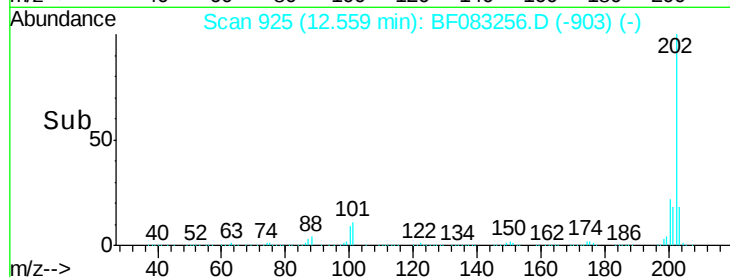
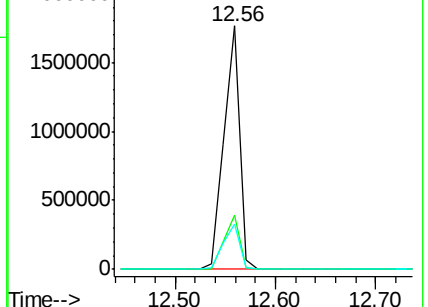
203 18.3 15.0 22.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 106.02 ng

RT: 12.71 min Scan# 938

Delta R.T. -0.06 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

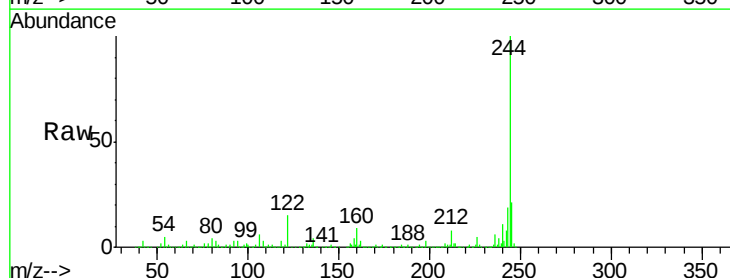
Tgt Ion:244 Resp: 2150084

Ion Ratio Lower Upper

244 100

212 8.1 5.4 8.2

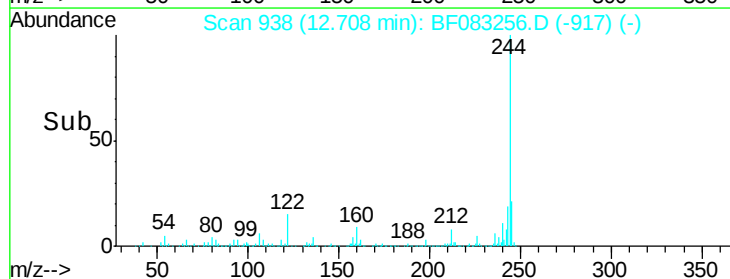
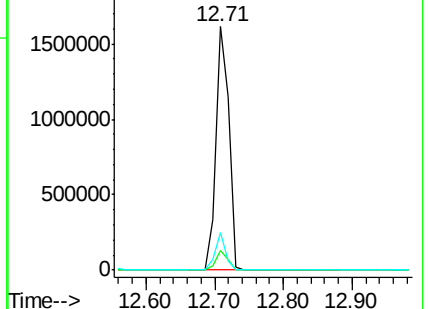
122 15.3 4.3 6.5#

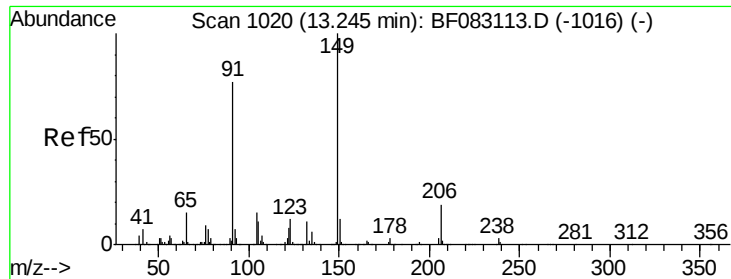


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 49.54 ng

RT: 13.19 min Scan# 980

Delta R.T. -0.06 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

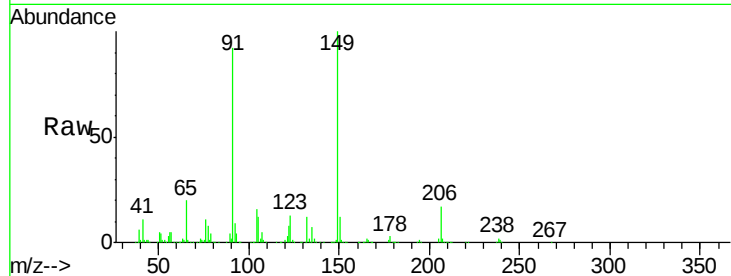
Tgt Ion:149 Resp: 764939

Ion Ratio Lower Upper

149 100

91 91.9 61.5 92.3

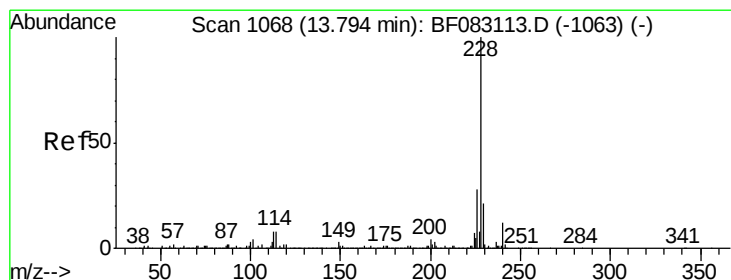
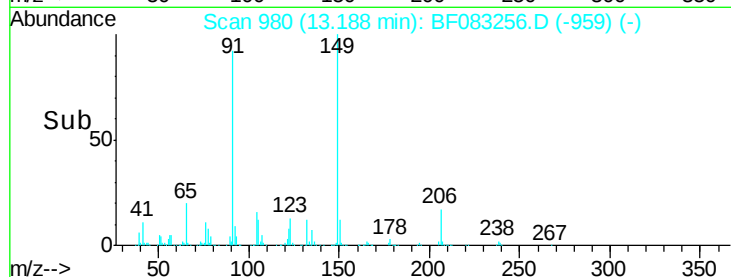
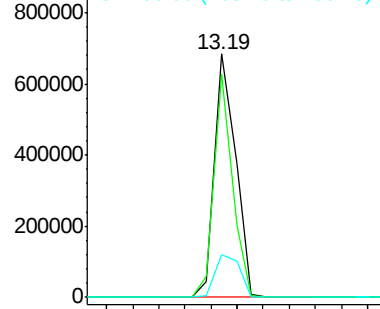
206 17.3 15.3 22.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 51.75 ng

RT: 13.74 min Scan# 1028

Delta R.T. -0.06 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

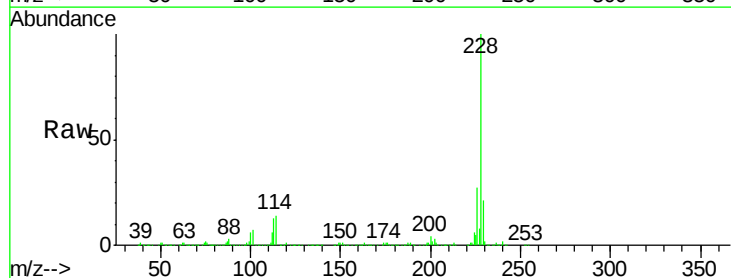
Tgt Ion:228 Resp: 1528356

Ion Ratio Lower Upper

228 100

226 27.4 22.6 33.8

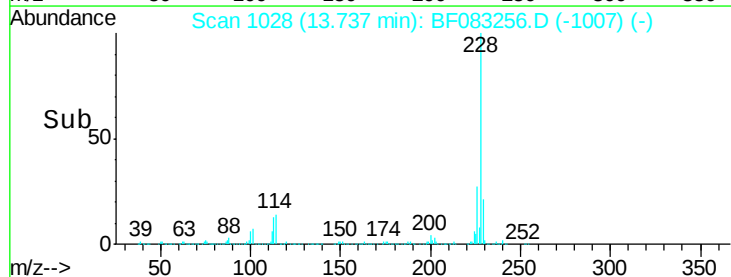
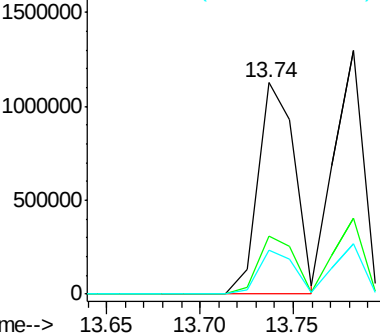
229 20.7 16.6 24.8

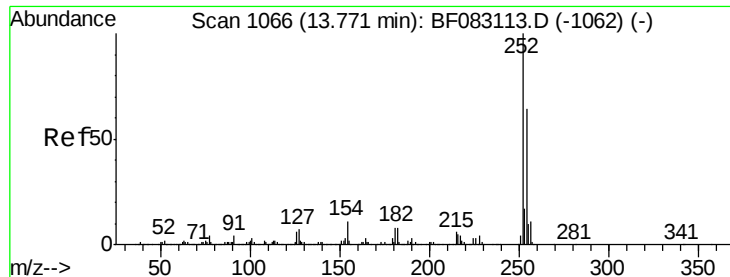


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

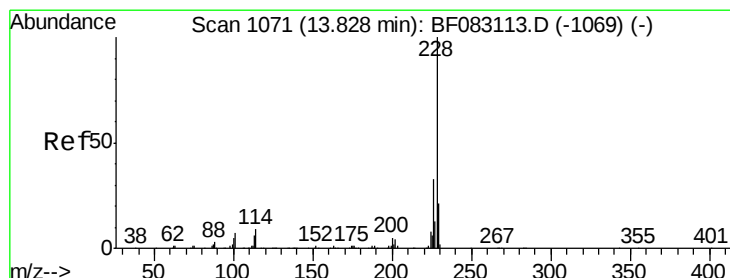
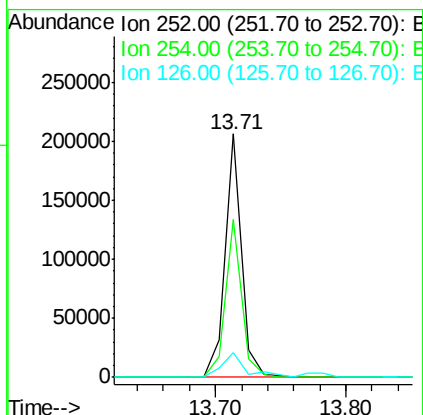
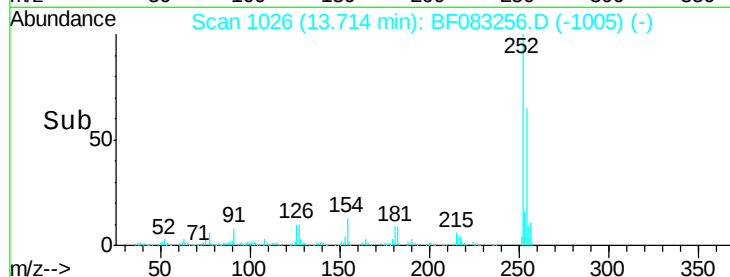
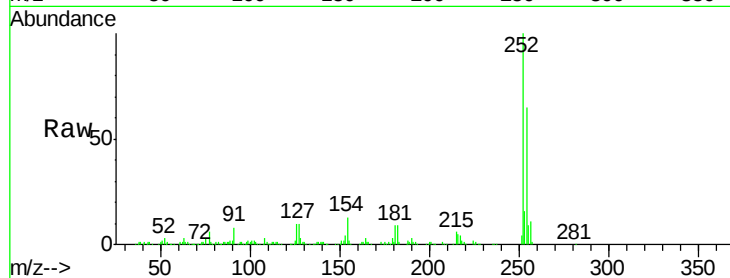




#81
 3,3'-Dichlorobenzidine
 Concen: 17.83 ng
 RT: 13.71 min Scan# 1026
 Delta R.T. -0.06 min
 Lab File: BF083256.D
 Acq: 25 Nov 2015 00:37

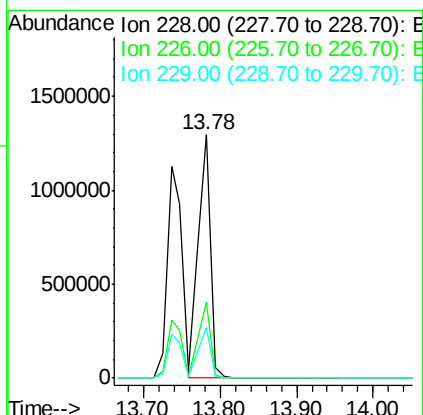
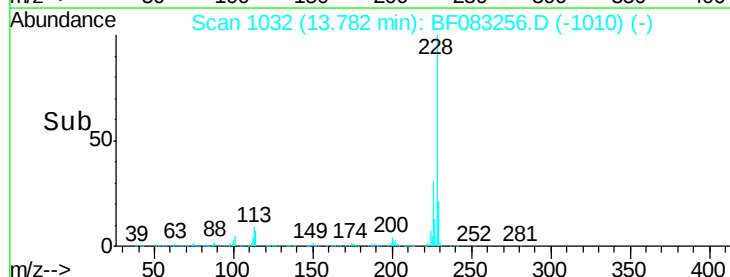
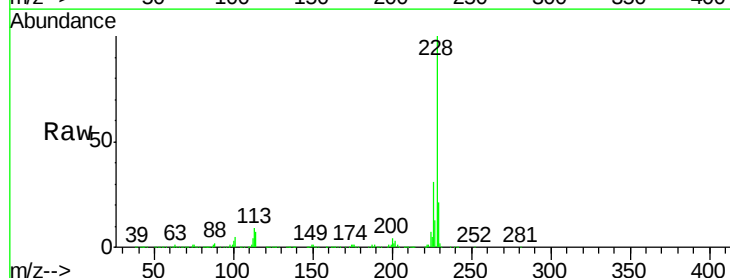
Instrument :
 BNA_F
 ClientSampleId :
 UST-WASTECHARCTARIZATIONM

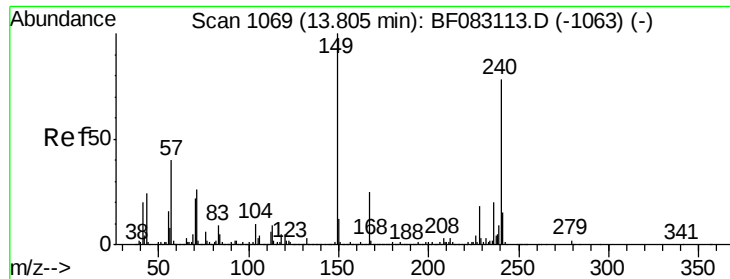
Tgt Ion:252 Resp: 183244
 Ion Ratio Lower Upper
 252 100
 254 64.9 51.5 77.3
 126 10.1 5.2 7.8#



#82
 Chrysene
 Concen: 51.64 ng
 RT: 13.78 min Scan# 1032
 Delta R.T. -0.05 min
 Lab File: BF083256.D
 Acq: 25 Nov 2015 00:37

Tgt Ion:228 Resp: 1414538
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.5 38.3
 229 20.7 16.6 25.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.21 ng

RT: 13.76 min Scan# 1030

Delta R.T. -0.05 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

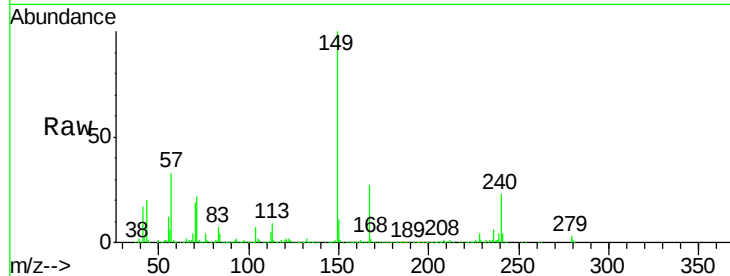
Tgt Ion:149 Resp: 1032733

Ion Ratio Lower Upper

149 100

167 27.1 20.1 30.1

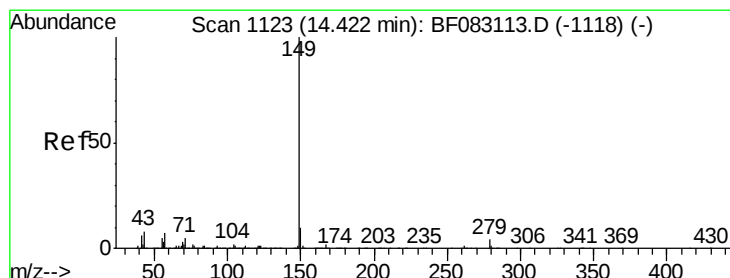
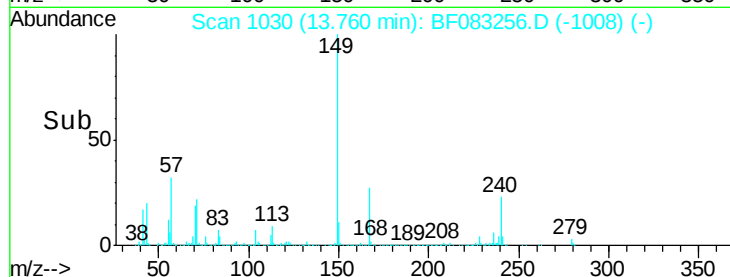
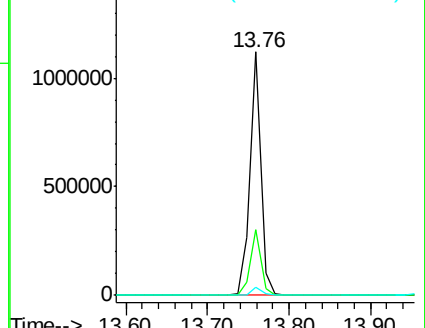
279 3.1 1.7 2.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.14 ng

RT: 14.37 min Scan# 1083

Delta R.T. -0.06 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

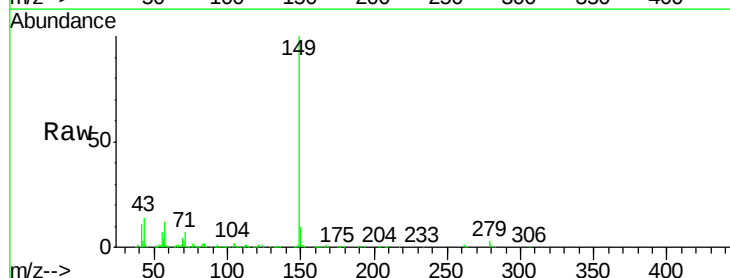
Tgt Ion:149 Resp: 1497583

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

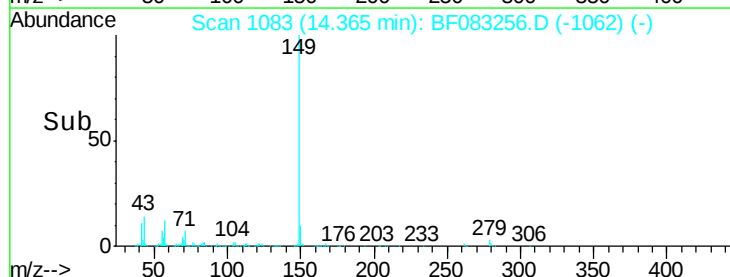
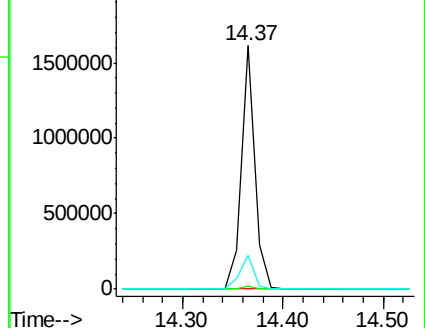
43 14.3 9.5 14.3#

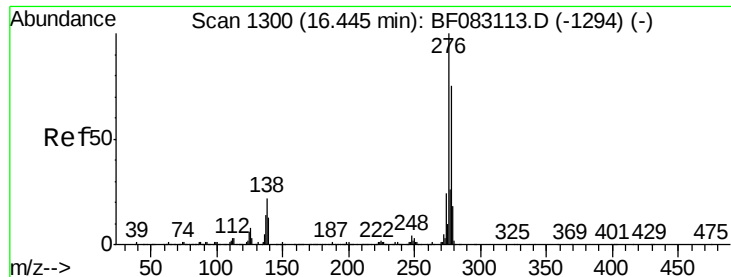


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 50.26 ng

RT: 16.35 min Scan# 1257

Delta R.T. -0.09 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

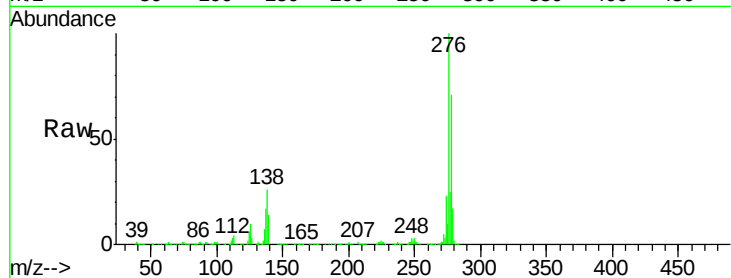
Tgt Ion:276 Resp: 1252102

Ion Ratio Lower Upper

276 100

138 26.4 18.0 27.0

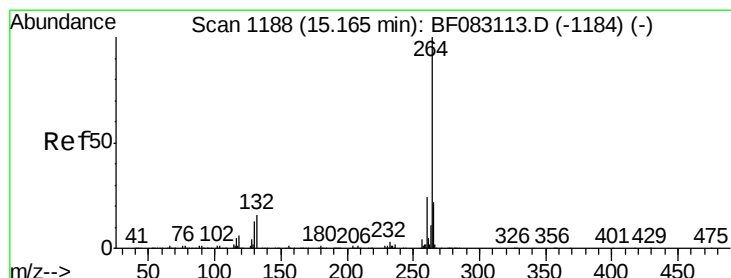
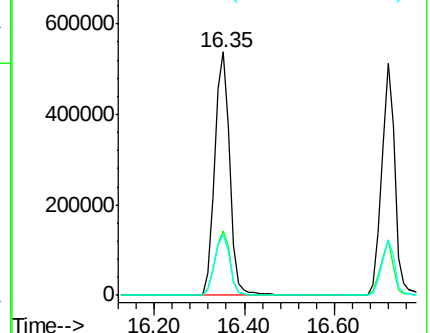
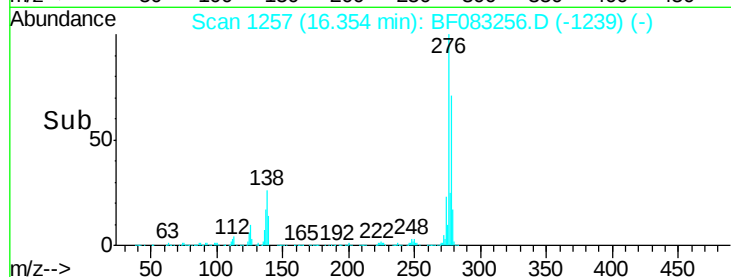
277 25.1 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.11 min Scan# 1148

Delta R.T. -0.06 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

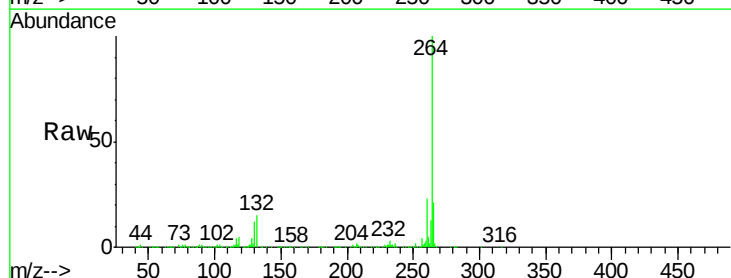
Tgt Ion:264 Resp: 411797

Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

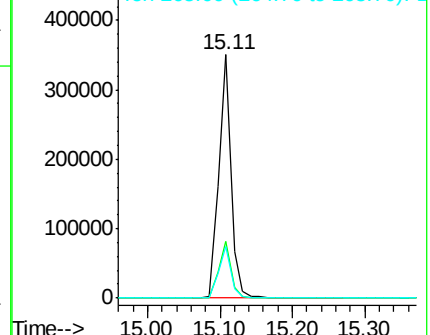
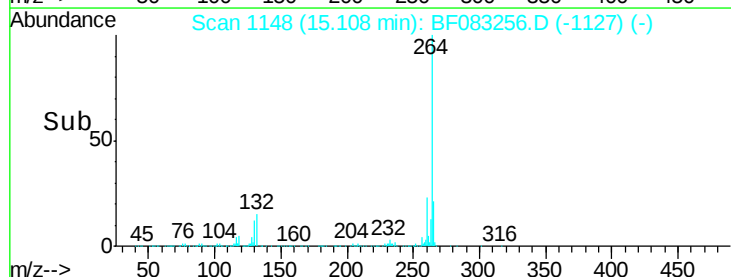
265 21.2 18.2 27.4

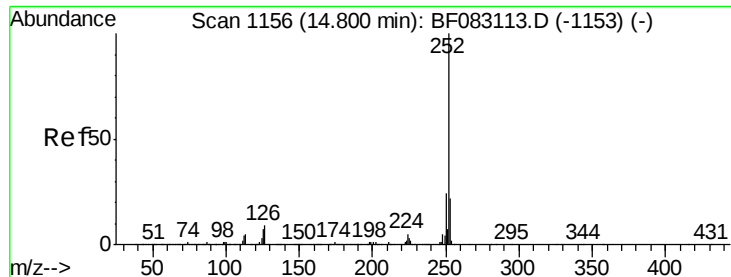


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 78.41 ng

RT: 14.74 min Scan# 1116

Delta R.T. -0.06 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

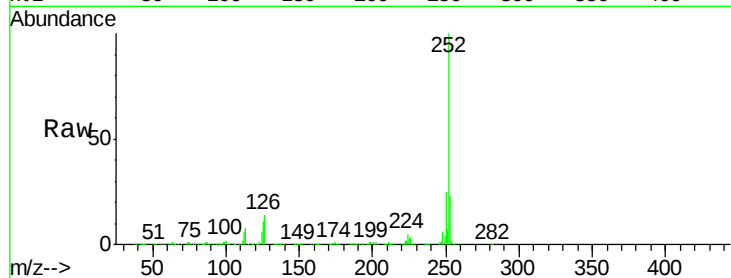
Tgt Ion:252 Resp: 2206198

Ion Ratio Lower Upper

252 100

253 22.9 17.7 26.5

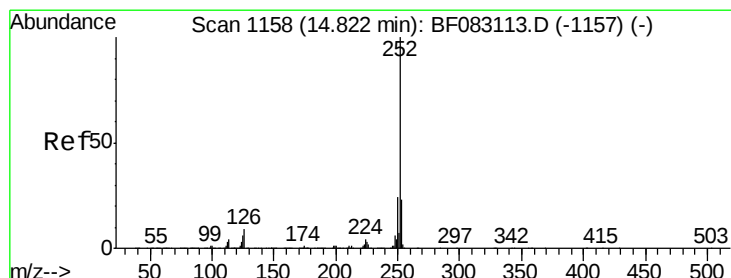
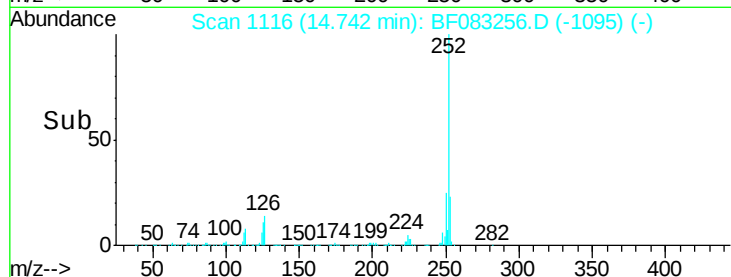
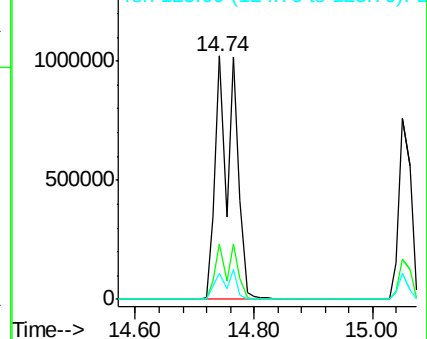
125 10.8 5.6 8.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 105.24 ng

RT: 14.74 min Scan# 1116

Delta R.T. -0.08 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

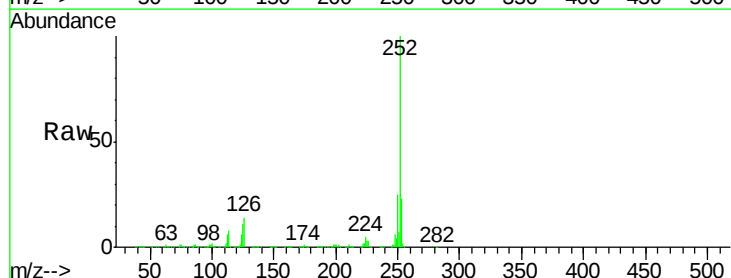
Tgt Ion:252 Resp: 2206198

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.2

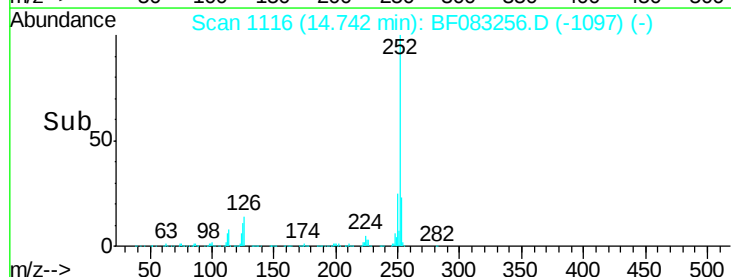
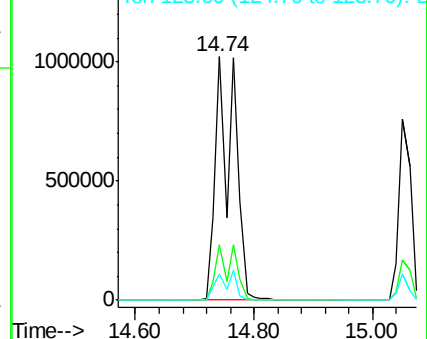
125 10.8 6.8 10.2#

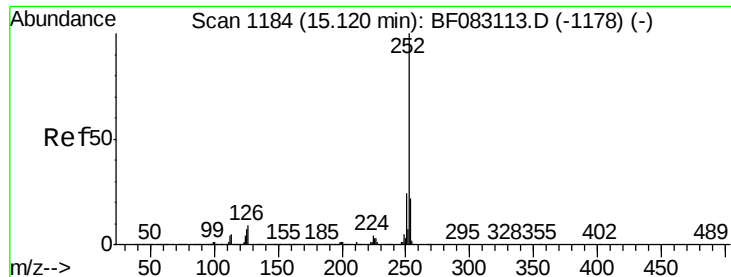


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

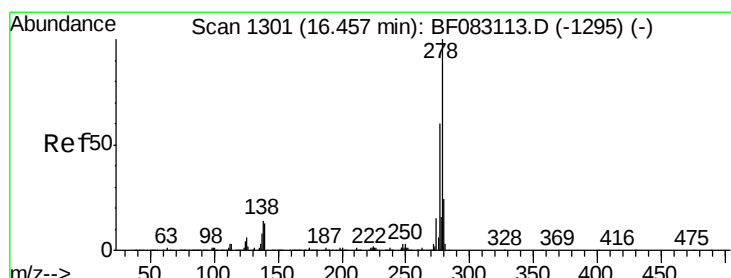
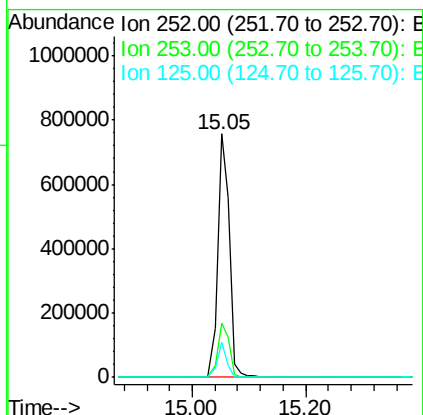
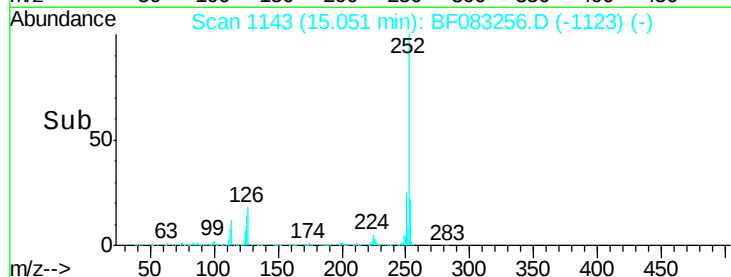
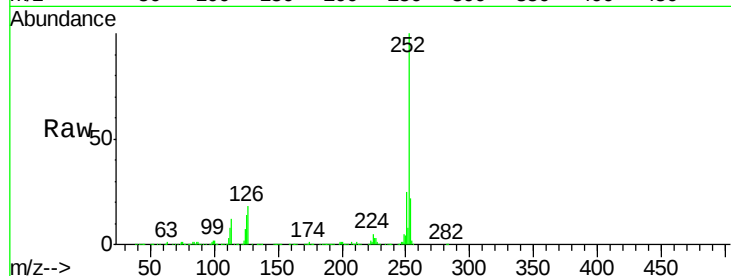




#89
Benzo(a)pyrene
Concen: 45.57 ng
RT: 15.05 min Scan# 1143
Delta R.T. -0.07 min
Lab File: BF083256.D
Acq: 25 Nov 2015 00:37

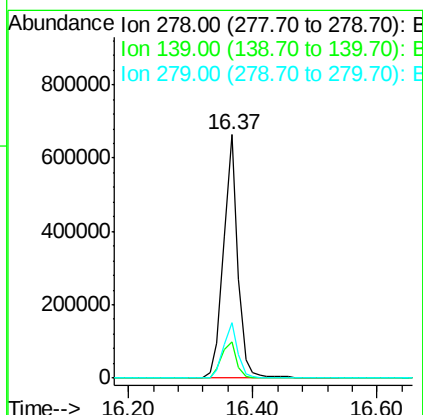
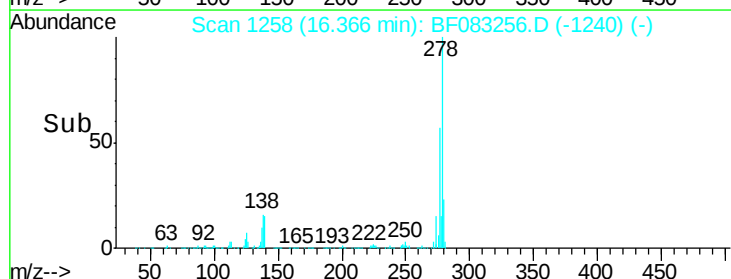
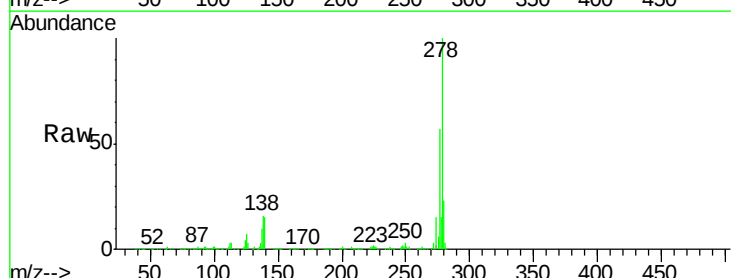
Instrument :
BNA_F
ClientSampleId :
UST-WASTECHARCTARIZATIONM

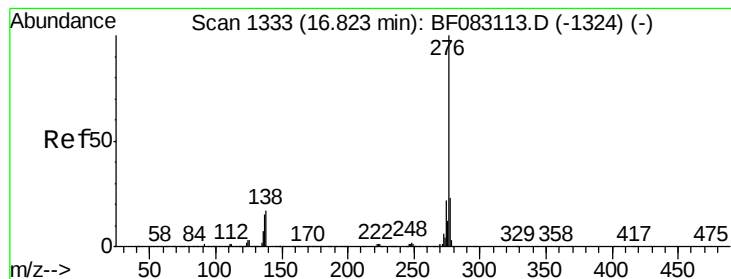
Tgt Ion:252 Resp: 1058625
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 14.2 5.4 8.0#



#90
Dibenzo(a,h)anthracene
Concen: 49.82 ng
RT: 16.37 min Scan# 1258
Delta R.T. -0.09 min
Lab File: BF083256.D
Acq: 25 Nov 2015 00:37

Tgt Ion:278 Resp: 1051363
Ion Ratio Lower Upper
278 100
139 15.1 10.7 16.1
279 23.0 19.3 28.9





#91

Benzo(g,h,i)perylene

Concen: 51.61 ng

RT: 16.72 min Scan# 1289

Delta R.T. -0.10 min

Lab File: BF083256.D

Acq: 25 Nov 2015 00:37

Instrument :

BNA_F

ClientSampleId :

UST-WASTECHARCTARIZATIONM

Tgt Ion:276 Resp: 1063237

Ion Ratio Lower Upper

276 100

277 24.1 18.7 28.1

138 23.8 13.9 20.9#

