

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
 Data File : BF084676.D
 Acq On : 30 Jan 2016 10:41
 Operator : SJ/IZ
 Sample : H1303-11MSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-115MSD

Quant Time: Feb 01 00:23:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:54:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	177027	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	708319	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	335929	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	585497	20.00	ng	0.00
75) Chrysene-d12	13.87	240	338526	20.00	ng	0.00
86) Perylene-d12	15.25	264	319183	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1613191	137.56	ng	0.02
7) Phenol-d6	6.38	99	1962231	139.60	ng	0.01
23) Nitrobenzene-d5	7.30	82	1216825	96.01	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	464673	131.98	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1740111	76.99	ng	0.00
78) Terphenyl-d14	12.83	244	1757836	117.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	195326	35.72	ng	# 75
3) Pyridine	2.97	79	489823	33.62	ng	# 77
4) n-Nitrosodimethylamine	2.92	42	311101	43.67	ng	82
6) Aniline	6.40	93	501570	27.80	ng	# 1
8) 2-Chlorophenol	6.51	128	550655	42.33	ng	86
9) Benzaldehyde	6.27	77	28464	3.50	ng	88
10) Phenol	6.40	94	836983	53.43	ng	96
11) bis(2-Chloroethyl)ether	6.46	93	577503	47.40	ng	# 81
12) 1,3-Dichlorobenzene	6.90	146	593484	42.58	ng	98
13) 1,4-Dichlorobenzene	6.74	146	568232	41.54	ng	97
14) 1,2-Dichlorobenzene	6.90	146	593410	47.12	ng	98
15) Benzyl Alcohol	6.88	79	456288	47.69	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.01	45	877597	42.08	ng	89
17) 2-Methylphenol	7.00	107	508231	50.40	ng	95
18) Hexachloroethane	7.24	117	231929	43.34	ng	# 84
19) n-Nitroso-di-n-propylamine	7.15	70	394625	45.96	ng	# 72
20) 3+4-Methylphenols	7.15	107	596279	48.73	ng	# 61
22) Acetophenone	7.14	105	853198	46.12	ng	# 98
24) Nitrobenzene	7.32	77	602183	44.70	ng	# 80
25) Isophorone	7.56	82	1164187	49.03	ng	96
26) 2-Nitrophenol	7.63	139	308256	48.12	ng	# 84
27) 2,4-Dimethylphenol	7.69	122	545183	48.57	ng	88
28) bis(2-Chloroethoxy)methane	7.78	93	710586	49.86	ng	# 97
29) 2,4-Dichlorophenol	7.88	162	512932	52.24	ng	96
30) 1,2,4-Trichlorobenzene	7.95	180	504267	44.91	ng	96
31) Naphthalene	8.03	128	1540011	43.07	ng	99
32) Benzoic acid	7.79	122	151682	17.60	ng	96
33) 4-Chloroaniline	8.09	127	166076	11.42	ng	96
34) Hexachlorobutadiene	8.16	225	296864	44.74	ng	99
35) Caprolactam	8.46	113	87899	31.20	ng	# 54
36) 4-Chloro-3-methylphenol	8.59	107	584983	54.11	ng	99
37) 2-Methylnaphthalene	8.73	142	1129174	51.44	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	443983	40.75	ng	98
40) Hexachlorocyclopentadiene	8.89	237	455936	92.05	ng	99

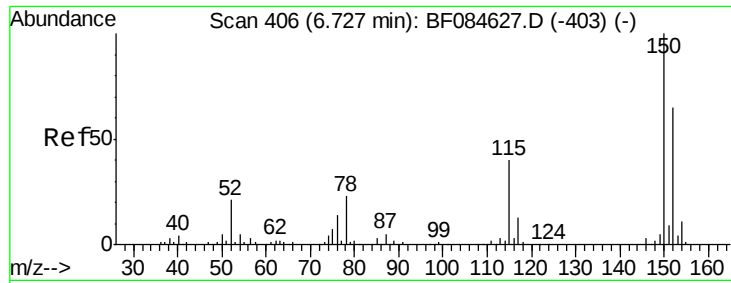
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	344881	50.96	ng	94
43) 2,4,5-Trichlorophenol	9.06	196	337115	48.25	ng #	91
45) 1,1'-Biphenyl	9.20	154	1363493	44.29	ng	96
46) 2-Chloronaphthalene	9.22	162	991503	44.14	ng #	88
47) 2-Nitroaniline	9.31	65	319350	47.34	ng	98
48) Acenaphthylene	9.63	152	1590492	46.73	ng	98
49) Dimethylphthalate	9.50	163	1522488	60.39	ng #	91
50) 2,6-Dinitrotoluene	9.56	165	280313	50.53	ng #	72
51) Acenaphthene	9.80	154	1020840	44.79	ng	97
52) 3-Nitroaniline	9.72	138	139807	24.12	ng	96
53) 2,4-Dinitrophenol	9.84	184	239131	87.36	ng	89
54) Dibenzofuran	9.97	168	1396475	51.34	ng	96
55) 4-Nitrophenol	9.90	139	368712	86.60	ng #	79
56) 2,4-Dinitrotoluene	9.96	165	328012	45.51	ng #	86
57) Fluorene	10.32	166	1086544	47.13	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.10	232	269644	51.04	ng	90
59) Diethylphthalate	10.20	149	1200330	48.63	ng	97
60) 4-Chlorophenyl-phenylether	10.30	204	435119	42.04	ng	93
61) 4-Nitroaniline	10.34	138	253525	46.21	ng	92
62) Azobenzene	10.46	77	1176331	49.80	ng	90
64) 4,6-Dinitro-2-methylphenol	10.37	198	198612	51.94	ng	77
65) n-Nitrosodiphenylamine	10.43	169	941120	49.57	ng	99
66) 4-Bromophenyl-phenylether	10.80	248	325846	49.42	ng #	90
67) Hexachlorobenzene	10.85	284	319232	44.51	ng #	84
68) Atrazine	10.96	200	279621	49.16	ng	99
69) Pentachlorophenol	11.06	266	373501	107.78	ng	98
70) Phenanthrene	11.26	178	1411877	43.61	ng	98
71) Anthracene	11.32	178	1603014	48.70	ng	97
72) Carbazole	11.48	167	1472553	51.91	ng	98
73) Di-n-butylphthalate	11.81	149	1569909	45.50	ng #	96
74) Fluoranthene	12.45	202	1536973	48.02	ng	95
76) Benzidine	12.58	184	683749	53.11	ng	98
77) Pyrene	12.68	202	1455309	57.00	ng	100
79) Butylbenzylphthalate	13.31	149	664594	60.93	ng #	85
80) Benzo(a)anthracene	13.86	228	990127	46.92	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	245495	33.06	ng #	91
82) Chrysene	13.89	228	910615	43.78	ng	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	821917	58.09	ng #	96
84) Di-n-octyl phthalate	14.48	149	1190630	53.26	ng #	88
85) Indeno(1,2,3-cd)pyrene	16.57	276	1060715	57.68	ng	99
87) Benzo(b)fluoranthene	14.90	252	1764816	85.39	ng	98
88) Benzo(k)fluoranthene	14.90	252	1764816	103.38	ng #	98
89) Benzo(a)pyrene	15.20	252	830864	46.47	ng #	96
90) Dibenzo(a,h)anthracene	16.58	278	881487	54.71	ng	98
91) Benzo(g,h,i)perylene	16.97	276	908110	55.82	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF084676.D

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WESTWALL-UST-115MSD

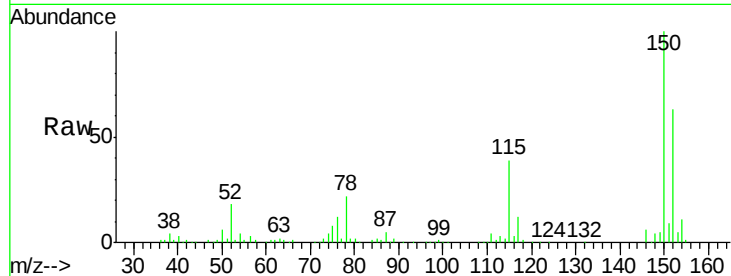
Tgt Ion:152 Resp: 177027

Ion Ratio Lower Upper

152 100

150 158.3 123.0 184.4

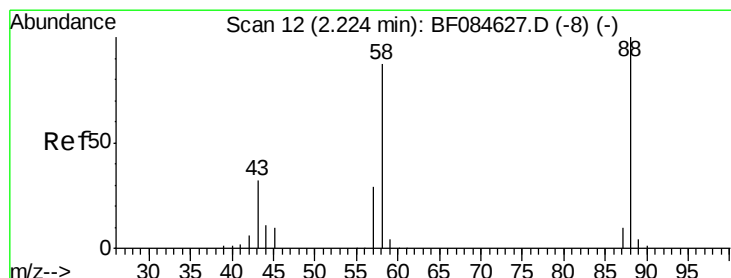
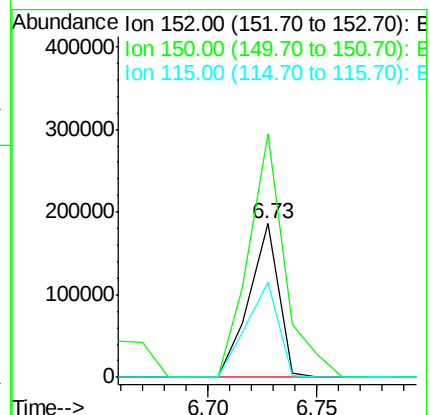
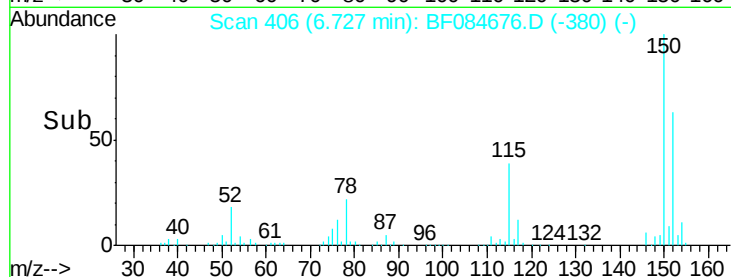
115 62.1 51.4 77.2



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: 35.72 ng

RT: 2.29 min Scan# 18

Delta R.T. 0.07 min

Lab File: BF084676.D

Acq: 30 Jan 2016 10:41

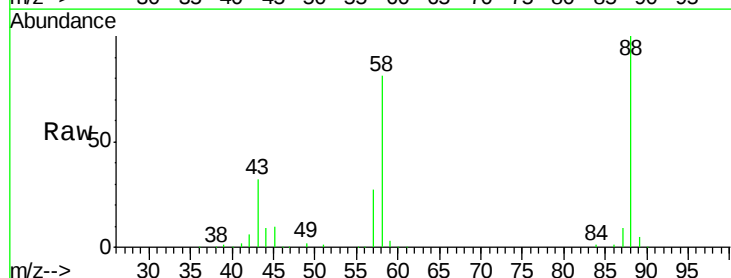
Tgt Ion: 88 Resp: 195326

Ion Ratio Lower Upper

88 100

58 85.2 51.2 76.8#

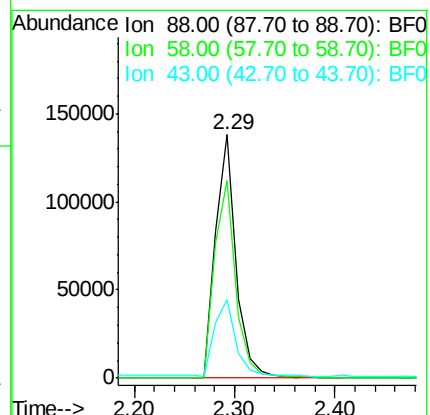
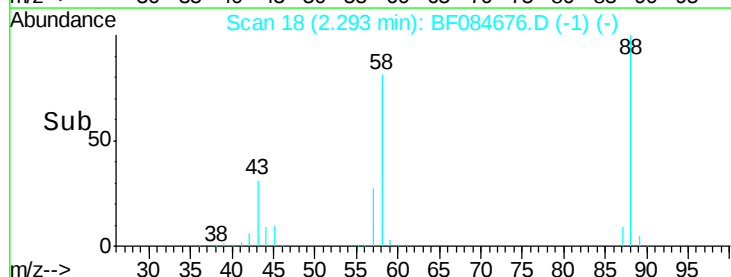
43 33.4 19.5 29.3#

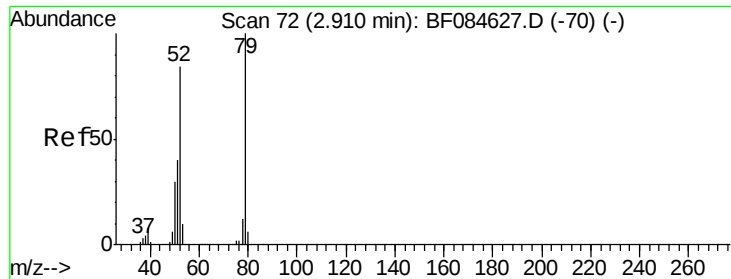


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.62 ng

RT: 2.97 min Scan# 77

Delta R.T. 0.06 min

Lab File: BF084676.D

Acq: 30 Jan 2016 10:41

Instrument :

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WESTWALL-UST-115MSD

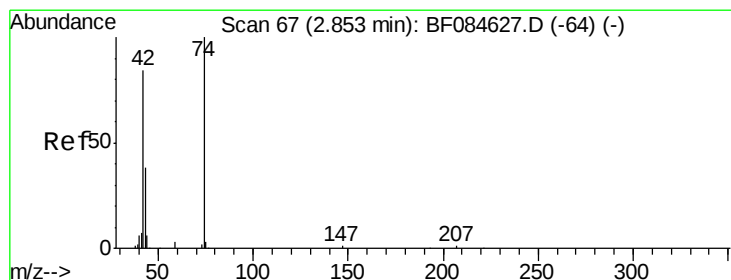
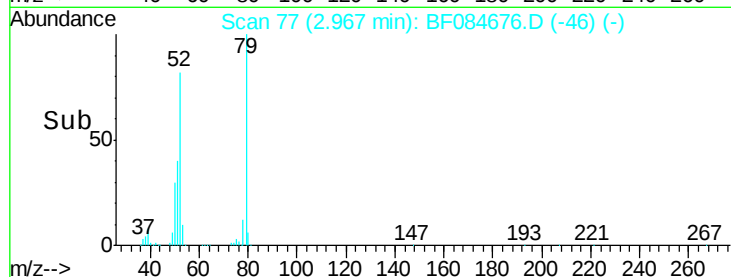
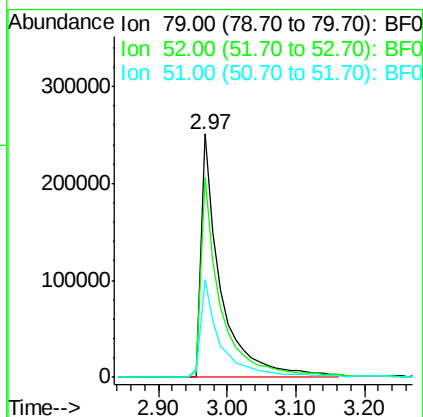
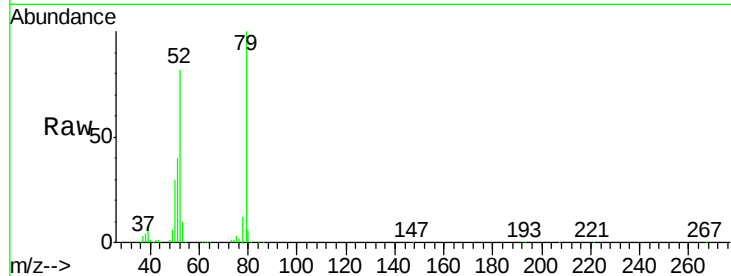
Tgt Ion: 79 Resp: 489823

Ion Ratio Lower Upper

79 100

52 81.9 49.0 73.4#

51 40.0 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 43.67 ng

RT: 2.92 min Scan# 73

Delta R.T. 0.07 min

Lab File: BF084676.D

Acq: 30 Jan 2016 10:41

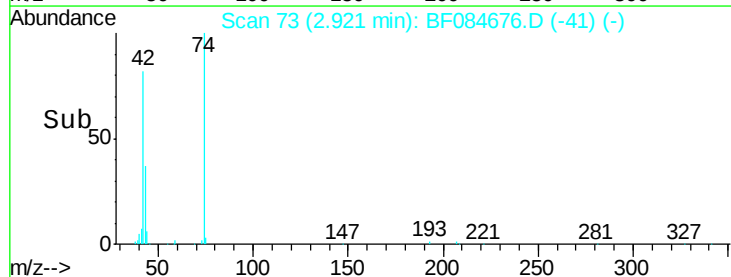
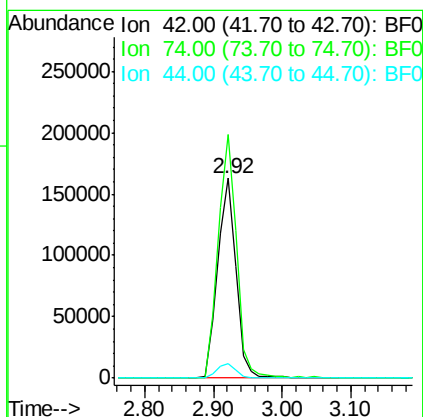
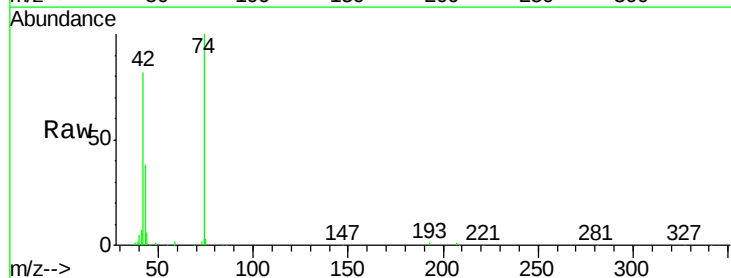
Tgt Ion: 42 Resp: 311101

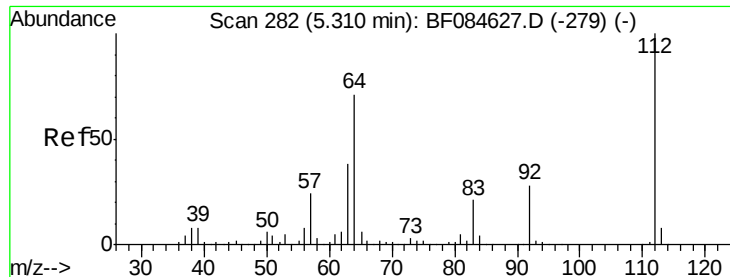
Ion Ratio Lower Upper

42 100

74 121.9 115.7 173.5

44 7.3 5.1 7.7





#5

2-Fluorophenol

Concen: 137.56 ng

RT: 5.33 min Scan# 284

Delta R.T. 0.02 min

Lab File: BF084676.D

Acq: 30 Jan 2016 10:41

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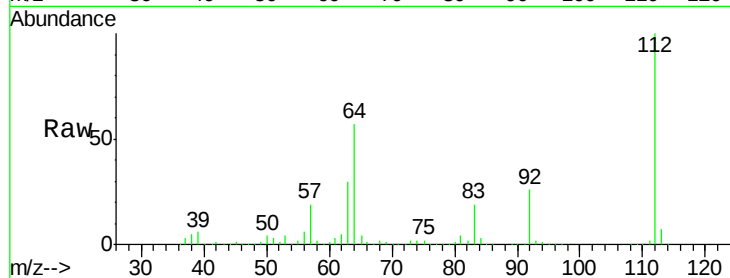
Tgt Ion:112 Resp: 1613191

Ion Ratio Lower Upper

112 100

64 56.8 36.6 55.0#

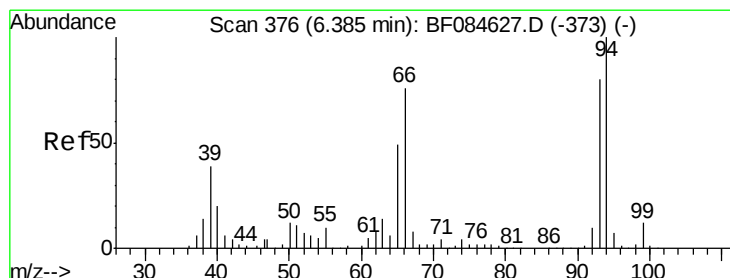
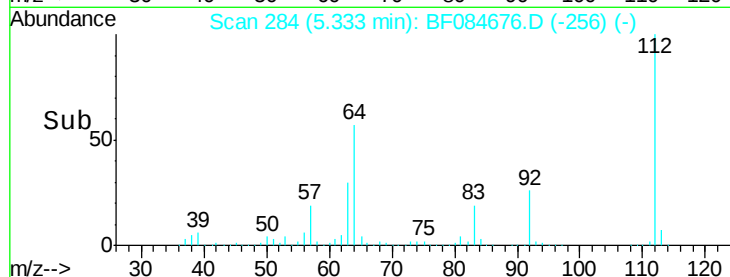
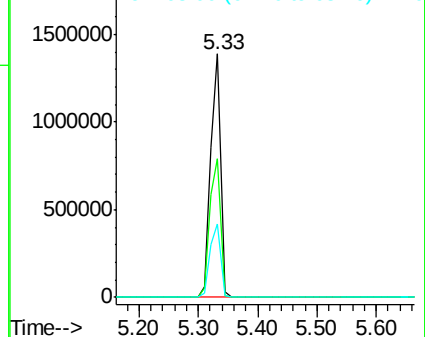
63 30.0 19.4 29.0#



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: 27.80 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.01 min

Lab File: BF084676.D

Acq: 30 Jan 2016 10:41

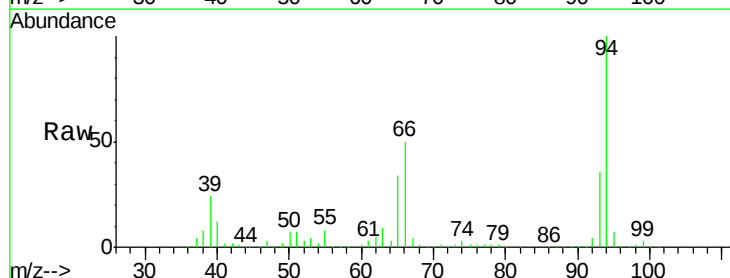
Tgt Ion: 93 Resp: 501570

Ion Ratio Lower Upper

93 100

66 136.4 44.9 67.3#

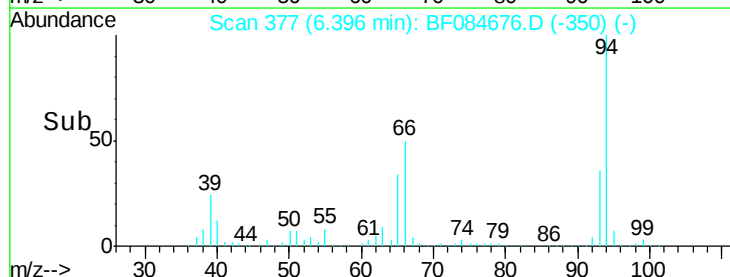
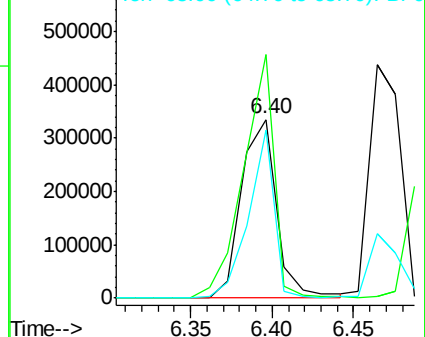
65 94.5 23.7 35.5#

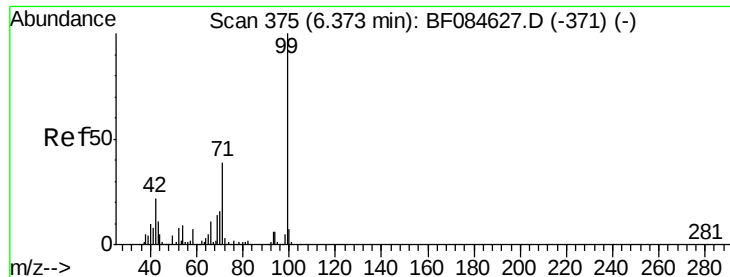


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 139.60 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF084676.D

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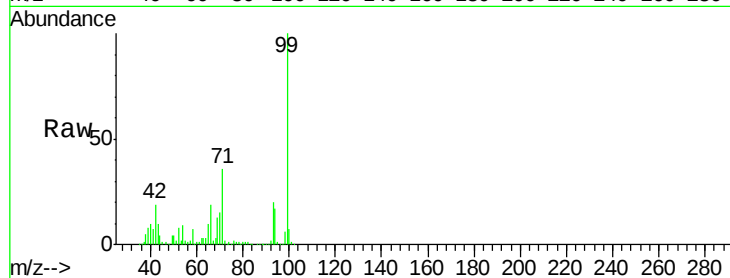
Tgt Ion: 99 Resp: 1962231

Ion Ratio Lower Upper

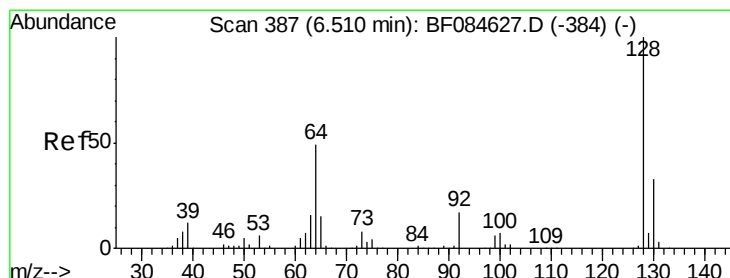
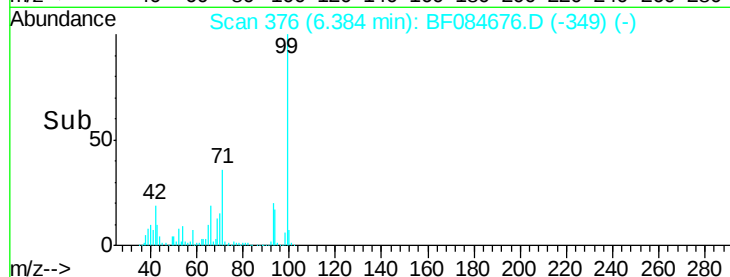
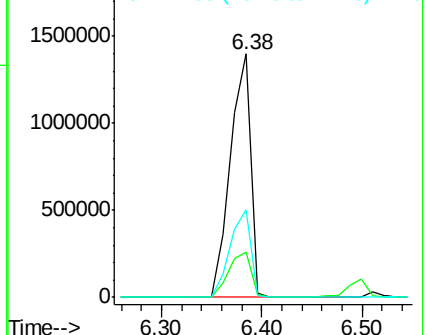
99 100

42 18.8 12.8 19.2

71 36.1 30.9 46.3



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: 42.33 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF084676.D

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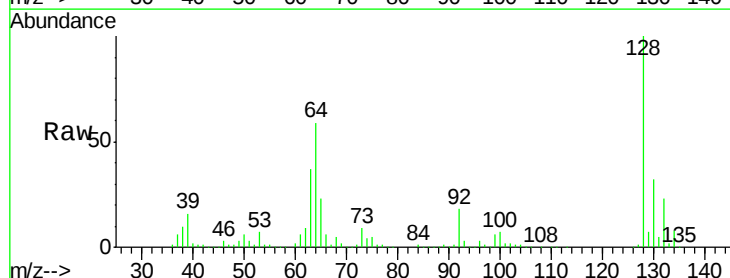
Tgt Ion: 128 Resp: 550655

Ion Ratio Lower Upper

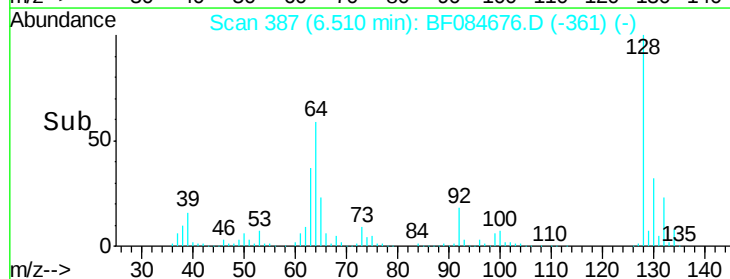
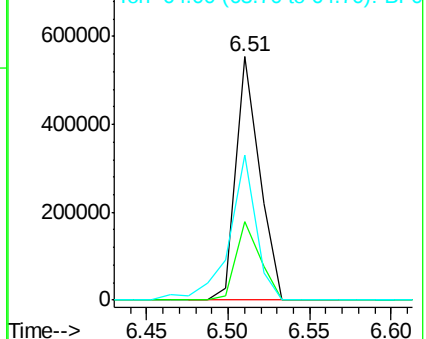
128 100

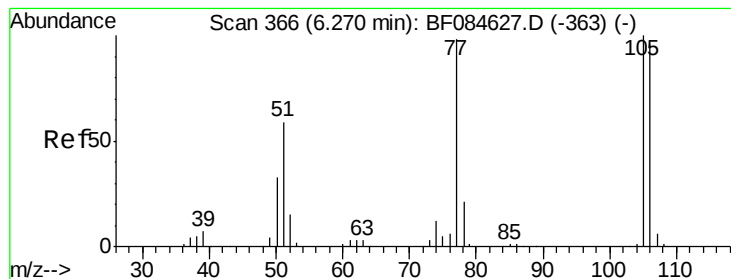
130 32.2 11.6 51.6

64 59.3 23.8 63.8



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: 3.50 ng

RT: 6.27 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF084676.D

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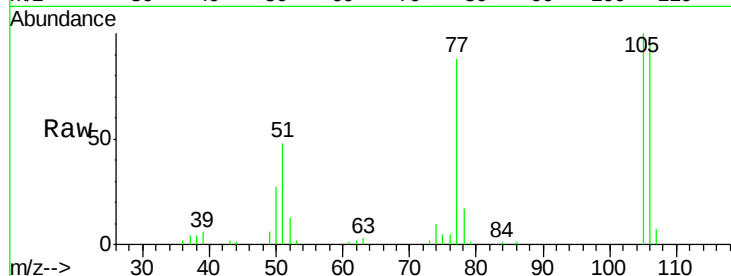
Tgt Ion: 77 Resp: 28464

Ion Ratio Lower Upper

77 100

105 113.6 83.0 123.0

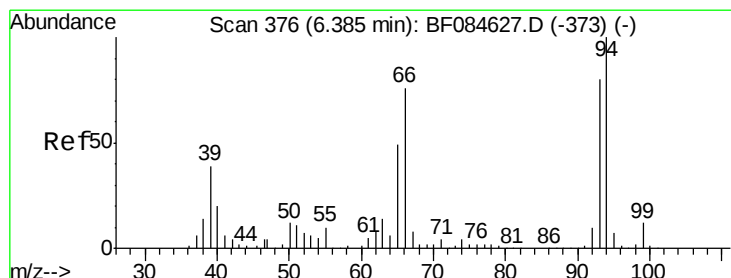
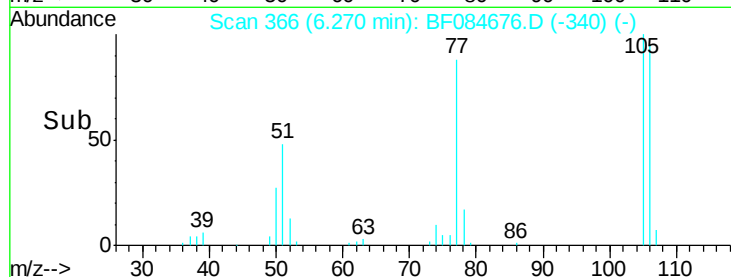
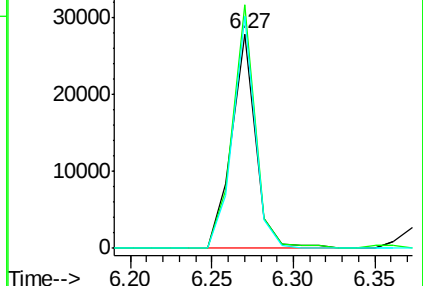
106 108.3 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 53.43 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.01 min

Lab File: BF084676.D

Acq: 30 Jan 2016 10:41

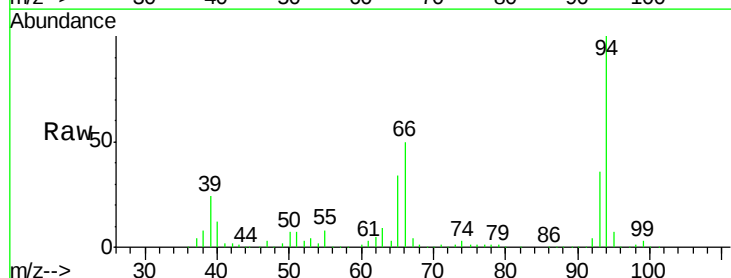
Tgt Ion: 94 Resp: 836983

Ion Ratio Lower Upper

94 100

65 34.3 12.9 52.9

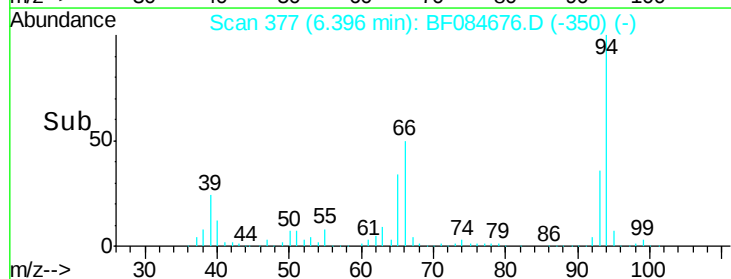
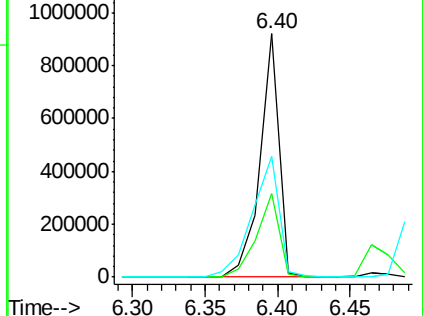
66 49.6 32.7 72.7

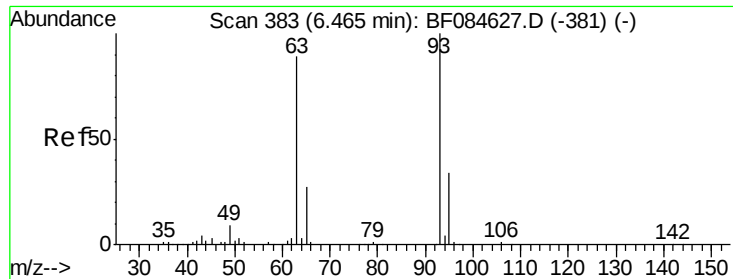


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

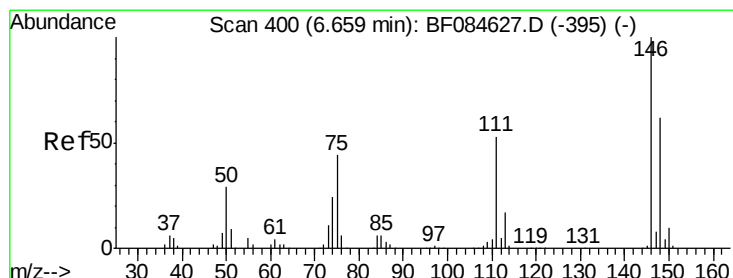
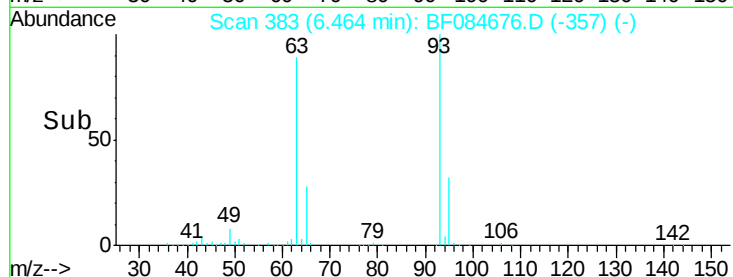
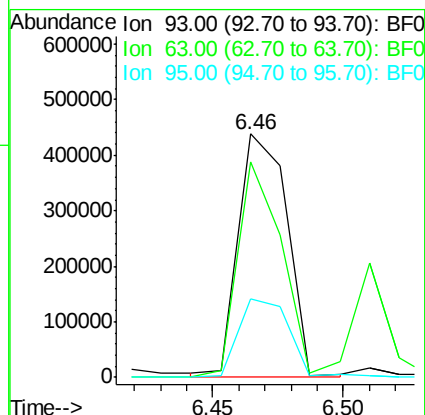
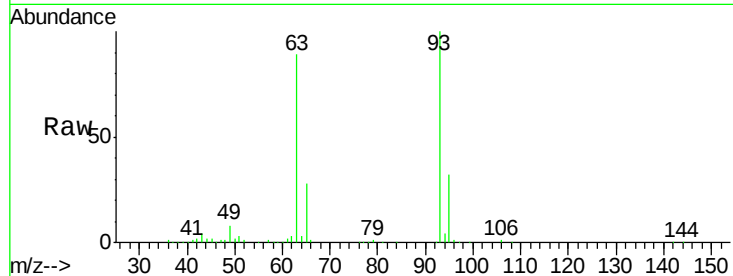




#11
 bis(2-Chloroethyl)ether
 Concen: 47.40 ng
 RT: 6.46 min Scan# 383
 Delta R.T. -0.00 min
 Lab File: BF084676.D
 Acq: 30 Jan 2016 10:41

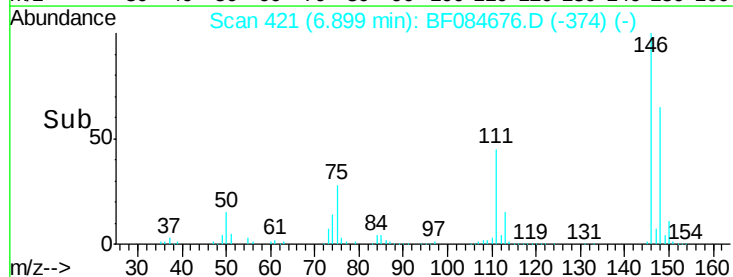
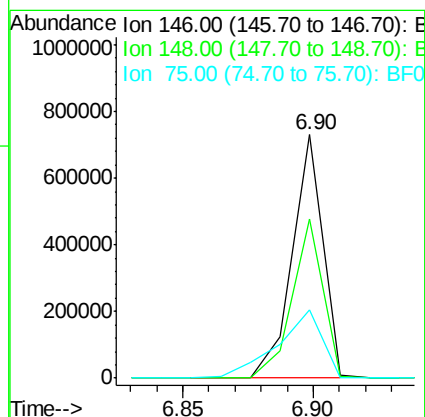
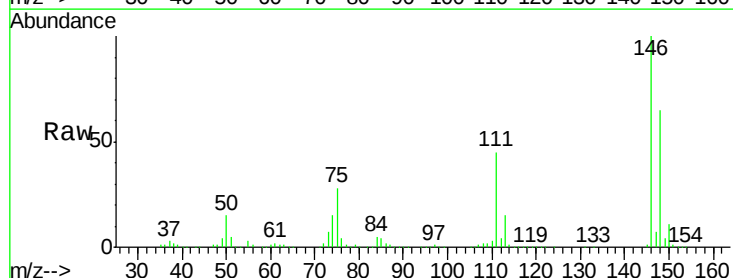
Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-115MSD

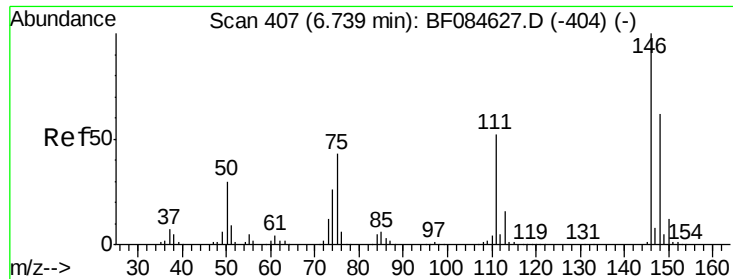
Tgt Ion: 93 Resp: 577503
 Ion Ratio Lower Upper
 93 100
 63 88.6 45.9 85.9#
 95 32.2 12.3 52.3



#12
 1,3-Dichlorobenzene
 Concen: 42.58 ng
 RT: 6.90 min Scan# 421
 Delta R.T. 0.24 min
 Lab File: BF084676.D
 Acq: 30 Jan 2016 10:41

Tgt Ion: 146 Resp: 593484
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.9 77.9
 75 28.1 20.5 30.7

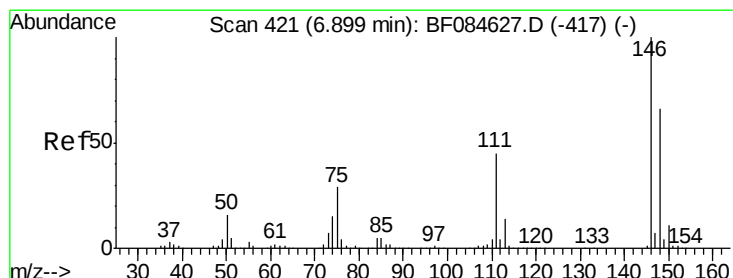
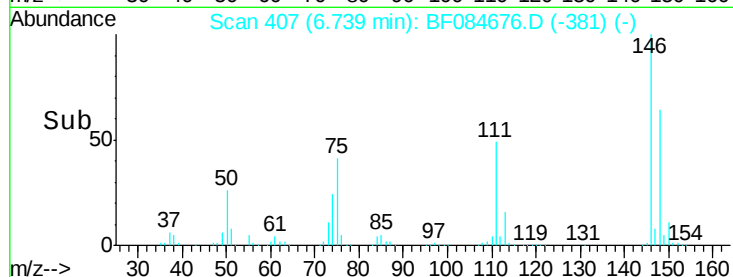
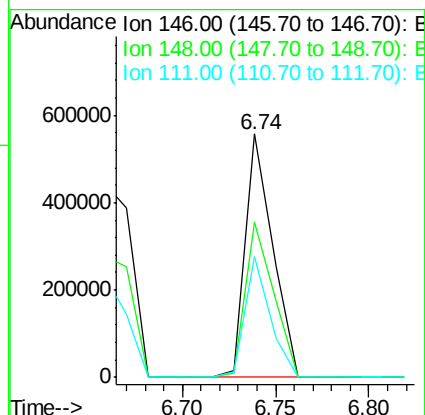
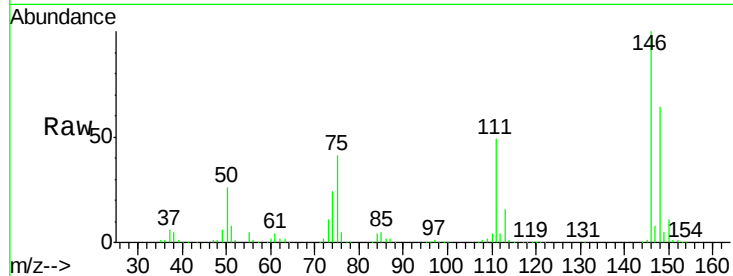




#13
 1,4-Dichlorobenzene
 Concen: 41.54 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.00 min
 Lab File: BF084676.D
 Acq: 30 Jan 2016 10:41

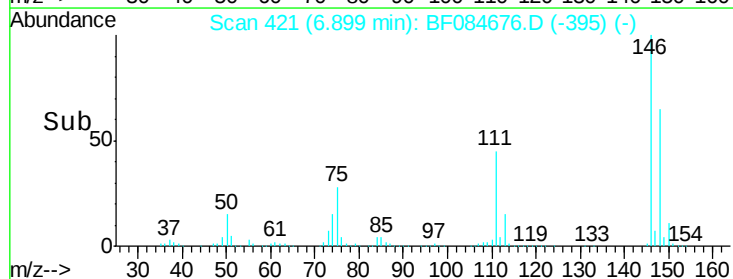
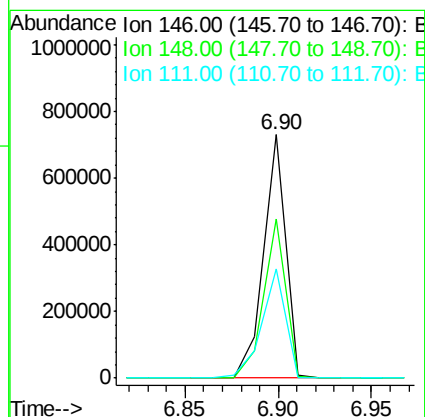
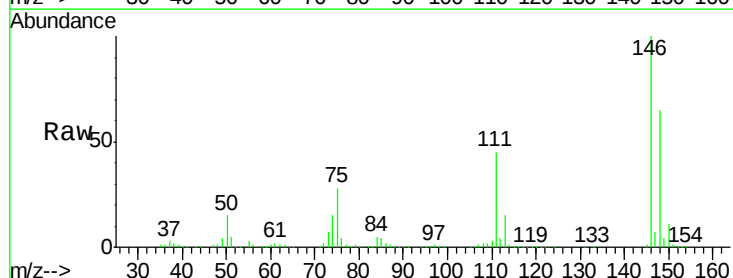
Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-115MSD

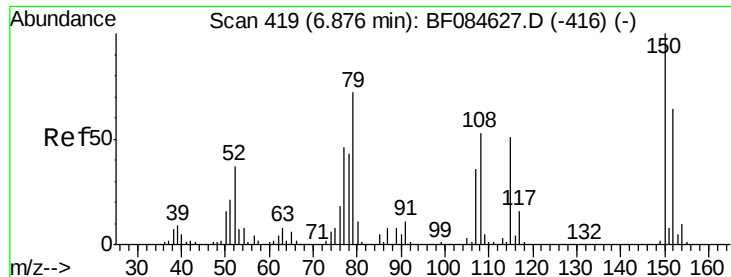
Tgt Ion:146 Resp: 568232
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.9 77.9
 111 49.4 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 47.12 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BF084676.D
 Acq: 30 Jan 2016 10:41

Tgt Ion:146 Resp: 593410
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.6 77.4
 111 44.8 38.0 57.0

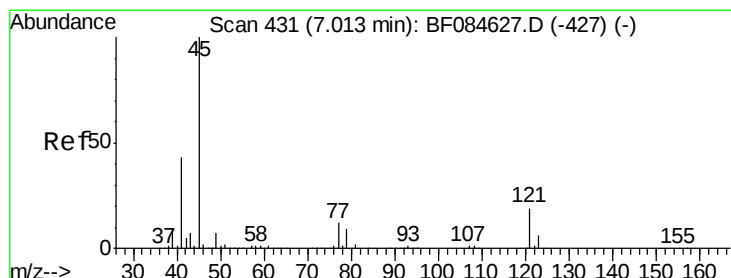
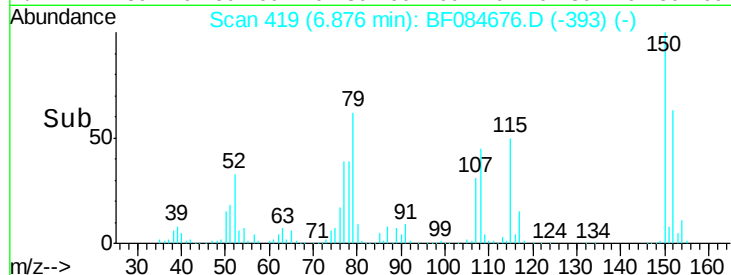
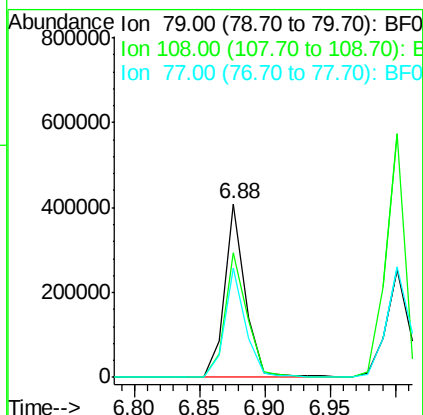
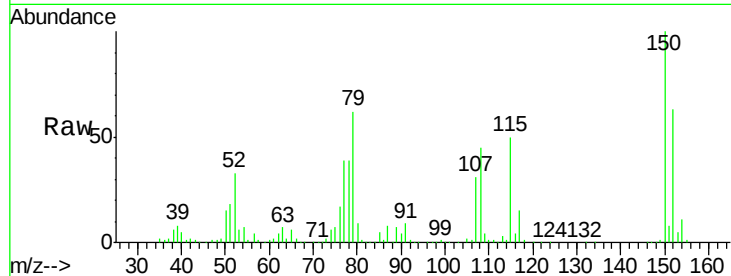




#15
Benzyl Alcohol
Concen: 47.69 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF084676.D
Acq: 30 Jan 2016 10:41

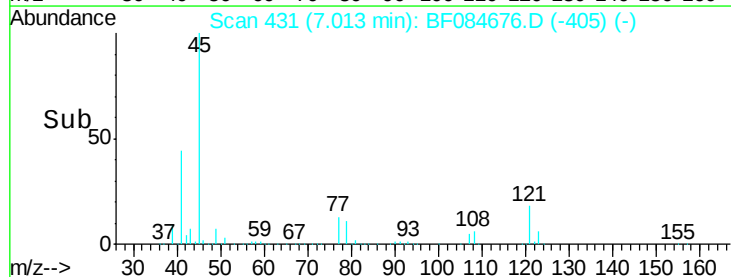
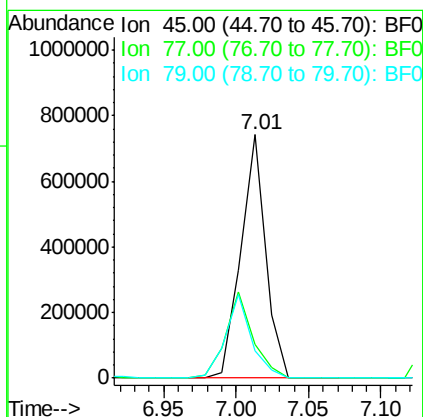
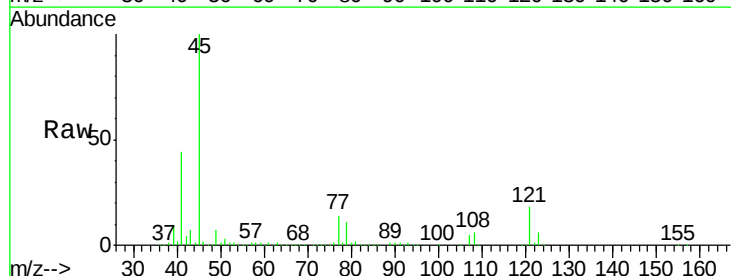
Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-115MSD

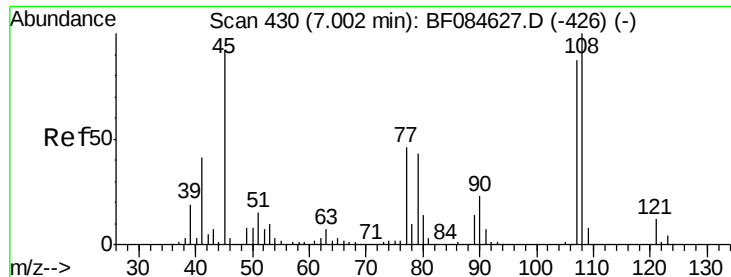
Tgt Ion: 79 Resp: 456288
Ion Ratio Lower Upper
79 100
108 71.9 69.0 103.4
77 62.6 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.08 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.00 min
Lab File: BF084676.D
Acq: 30 Jan 2016 10:41

Tgt Ion: 45 Resp: 877597
Ion Ratio Lower Upper
45 100
77 14.0 0.0 39.6
79 11.4 0.0 35.0

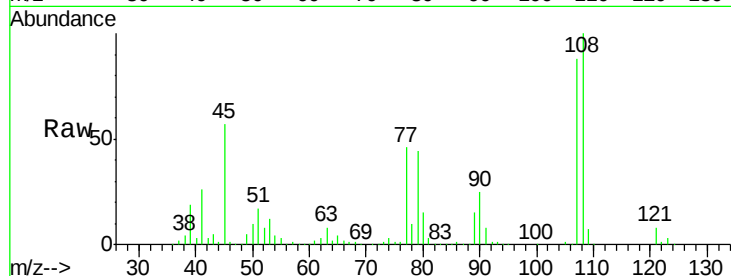




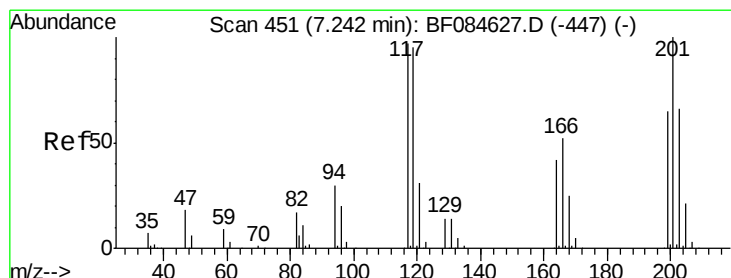
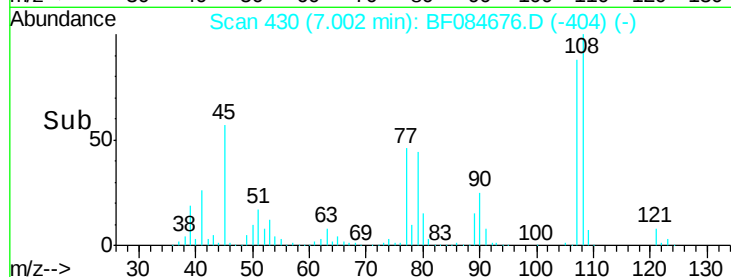
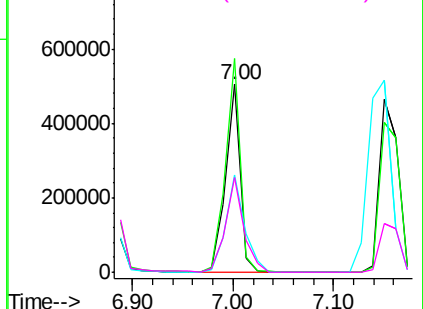
#17
2-Methylphenol
Concen: 50.40 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF084676.D
Acq: 30 Jan 2016 10:41

Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-115MSD

Tgt Ion:107 Resp: 508231
Ion Ratio Lower Upper
107 100
108 113.6 89.8 134.6
77 51.8 35.7 53.5
79 50.2 35.7 53.5

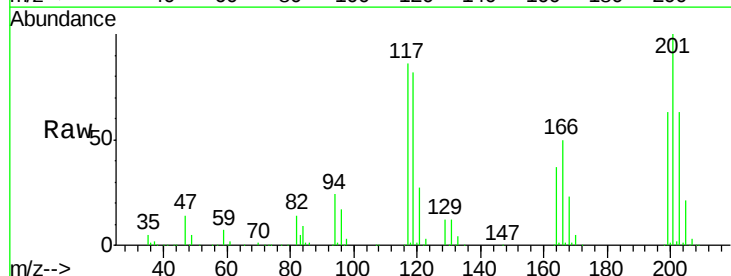


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

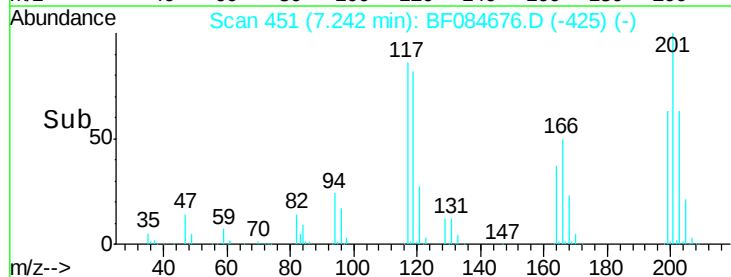
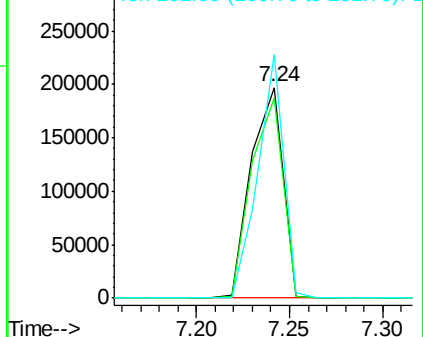


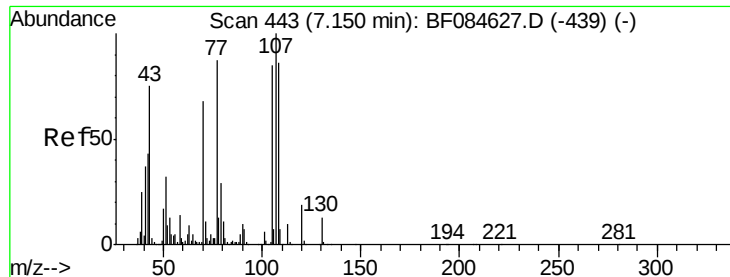
#18
Hexachloroethane
Concen: 43.34 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF084676.D
Acq: 30 Jan 2016 10:41

Tgt Ion:117 Resp: 231929
Ion Ratio Lower Upper
117 100
119 95.3 77.4 116.0
201 115.7 68.6 103.0#



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

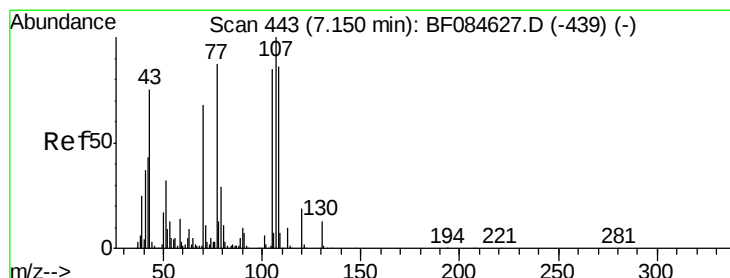
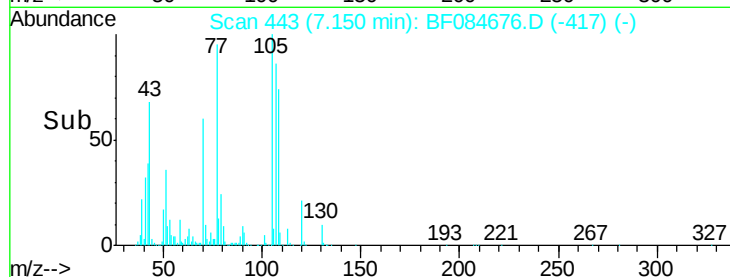
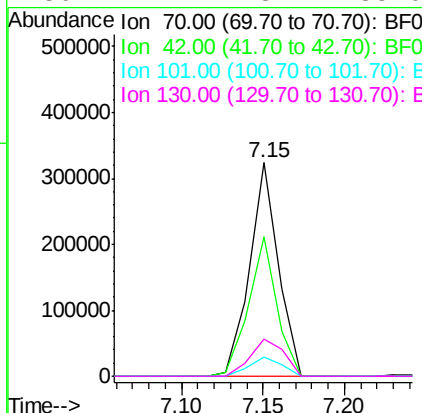
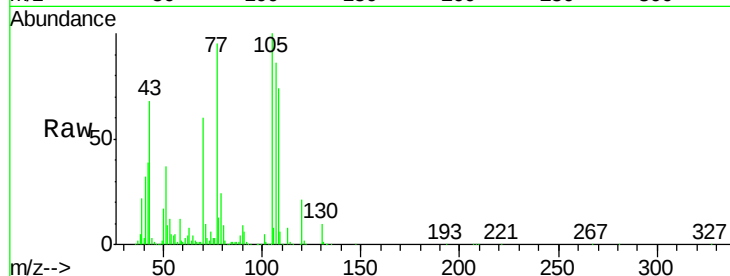




#19
n-Nitroso-di-n-propylamine
Concen: 45.96 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF084676.D
Acq: 30 Jan 2016 10:41

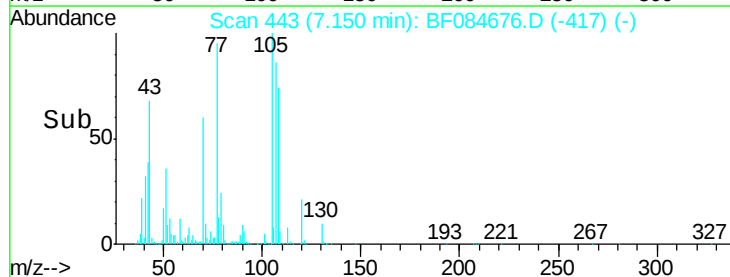
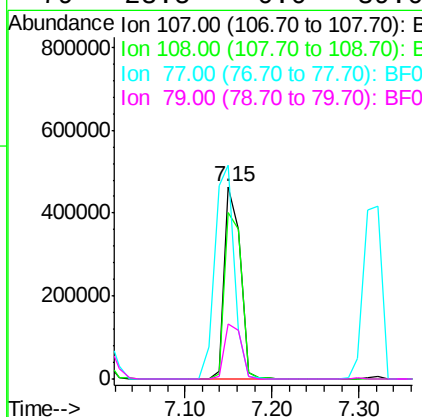
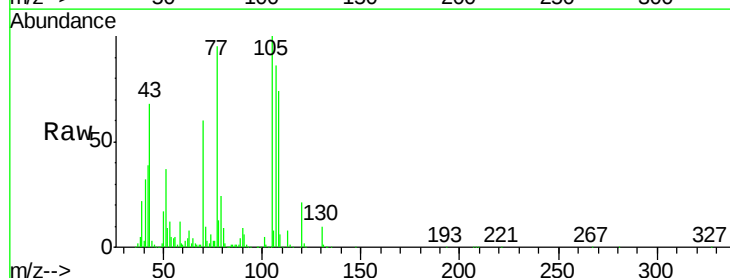
Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-115MSD

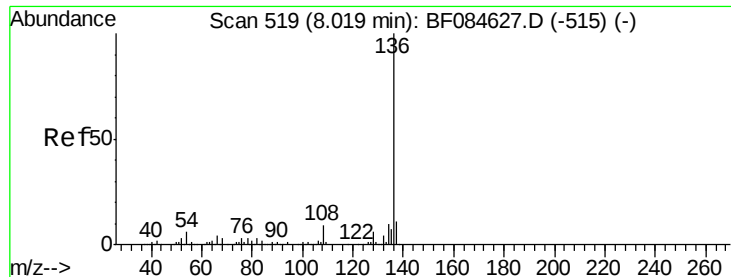
Tgt Ion: 70 Resp: 394625
Ion Ratio Lower Upper
70 100
42 65.2 33.3 49.9#
101 9.1 9.3 13.9#
130 17.4 23.4 35.0#



#20
3+4-Methylphenols
Concen: 48.73 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF084676.D
Acq: 30 Jan 2016 10:41

Tgt Ion: 107 Resp: 596279
Ion Ratio Lower Upper
107 100
108 86.5 74.6 114.6
77 111.1 0.7 40.7#
79 28.5 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF084676.D

Acq: 30 Jan 2016 10:41

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MSD

Tgt Ion:136 Resp: 708319

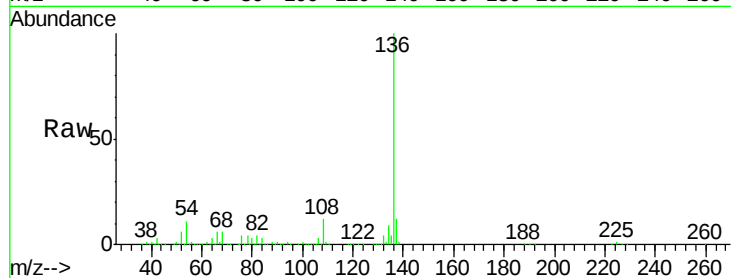
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 10.7 5.8 8.8#

68 5.8 4.2 6.2

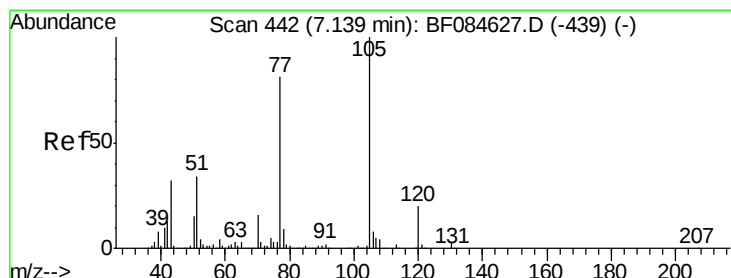
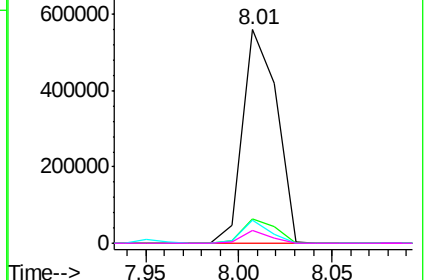
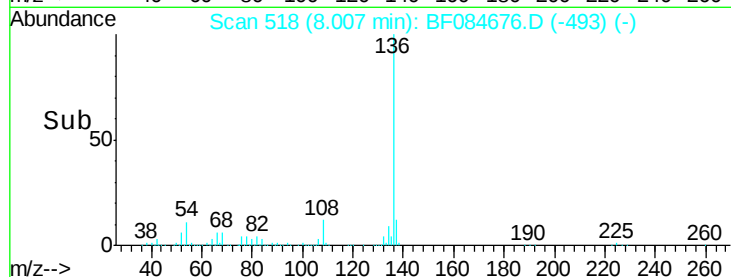


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.12 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF084676.D

Acq: 30 Jan 2016 10:41

Tgt Ion:105 Resp: 853198

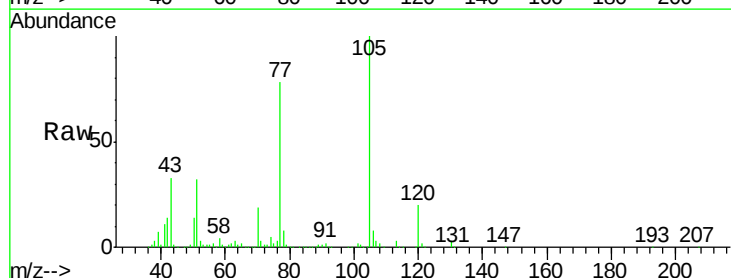
Ion Ratio Lower Upper

105 100

71 3.0 3.7 5.5#

51 32.0 25.1 37.7

120 20.2 16.6 25.0

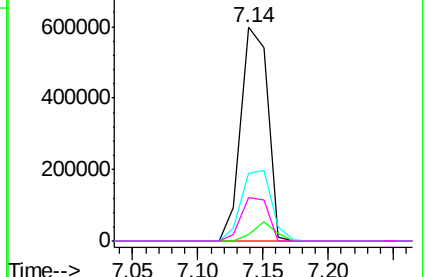
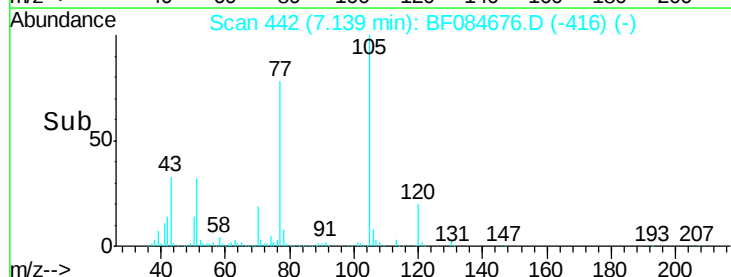


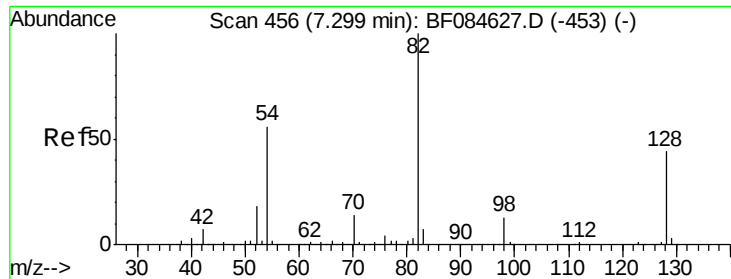
Abundance Ion 105.00 (104.70 to 105.70): E

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

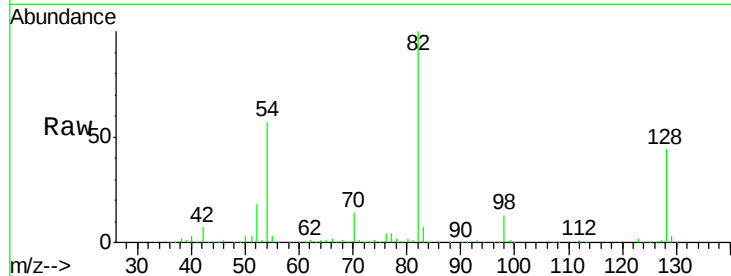




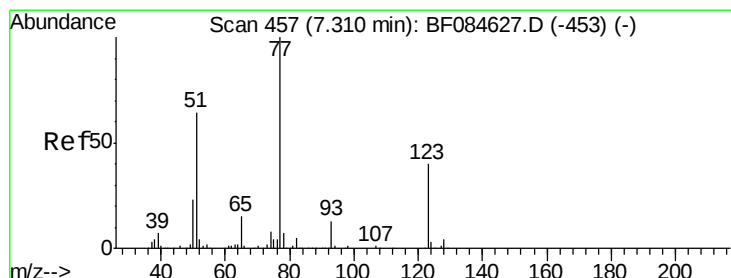
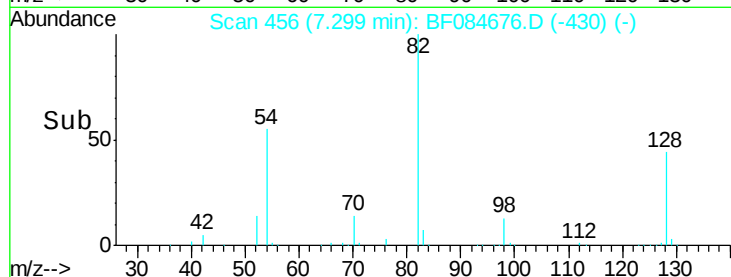
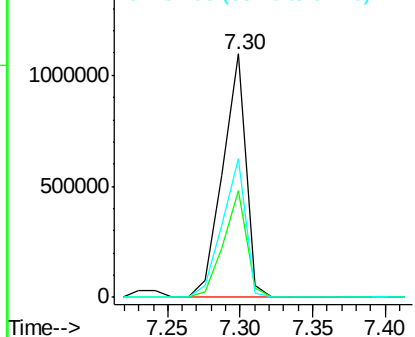
#23
Nitrobenzene-d5
Concen: 96.01 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF084676.D
Acq: 30 Jan 2016 10:41

Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-115MSD

Tgt Ion: 82 Resp: 1216825
Ion Ratio Lower Upper
82 100
128 43.8 34.6 51.8
54 56.7 38.4 57.6

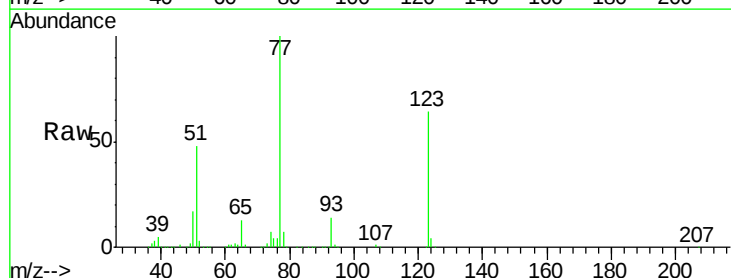


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

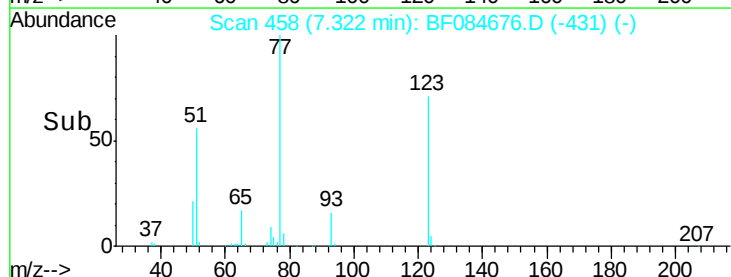
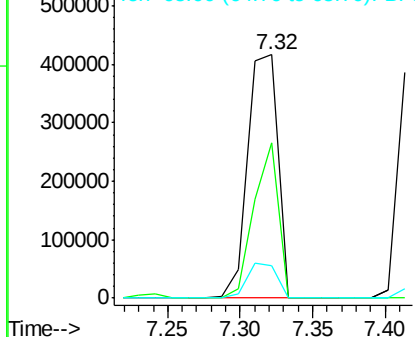


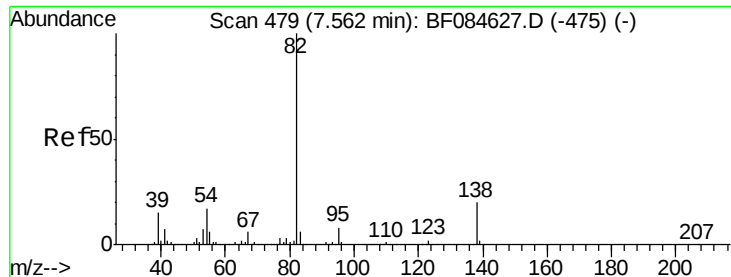
#24
Nitrobenzene
Concen: 44.70 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF084676.D
Acq: 30 Jan 2016 10:41

Tgt Ion: 77 Resp: 602183
Ion Ratio Lower Upper
77 100
123 63.6 37.4 56.2#
65 13.2 10.9 16.3



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: 49.03 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF084676.D

Acq: 30 Jan 2016 10:41

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MSD

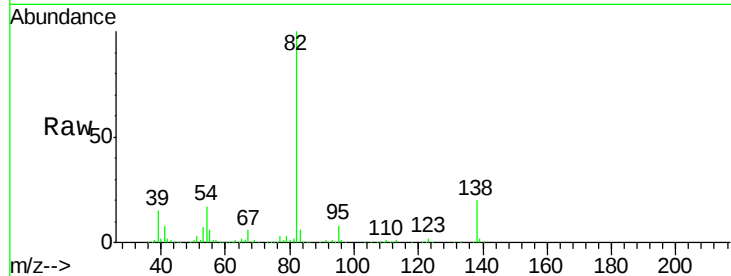
Tgt Ion: 82 Resp: 1164187

Ion Ratio Lower Upper

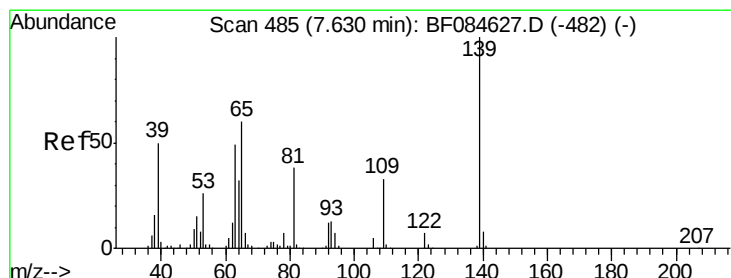
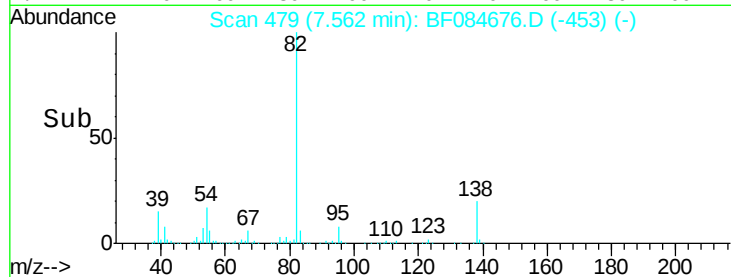
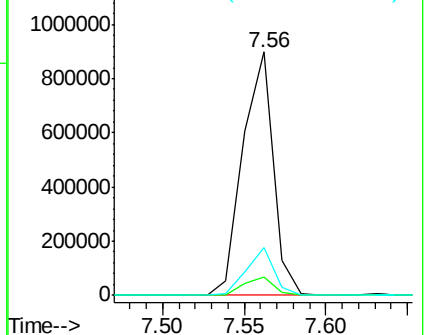
82 100

95 7.7 6.6 10.0

138 19.5 13.6 20.4



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: 48.12 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF084676.D

Acq: 30 Jan 2016 10:41

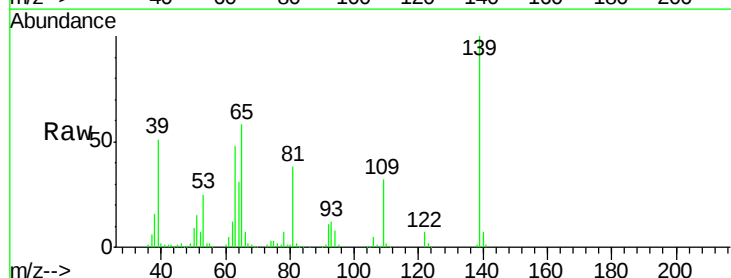
Tgt Ion: 139 Resp: 308256

Ion Ratio Lower Upper

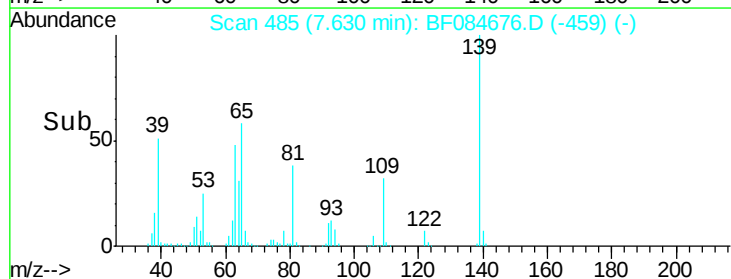
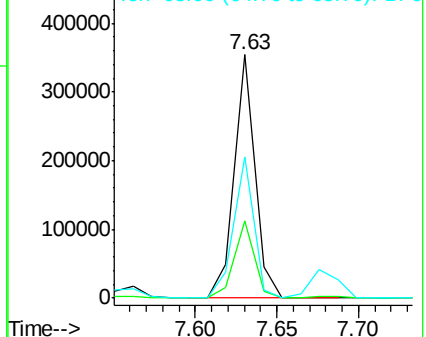
139 100

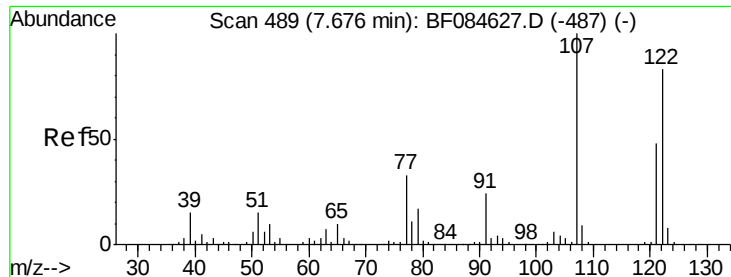
109 31.8 25.4 38.2

65 58.2 32.3 48.5#



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





#27

2,4-Dimethylphenol

Concen: 48.57 ng

RT: 7.69 min Scan# 490

Delta R.T. 0.01 min

Lab File: BF084676.D

Acq: 30 Jan 2016 10:41

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MSD

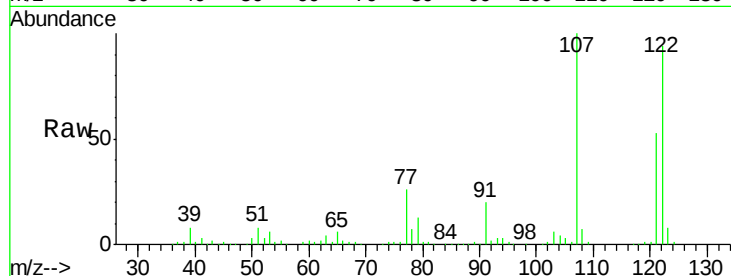
Tgt Ion:122 Resp: 545183

Ion Ratio Lower Upper

122 100

107 106.5 99.1 148.7

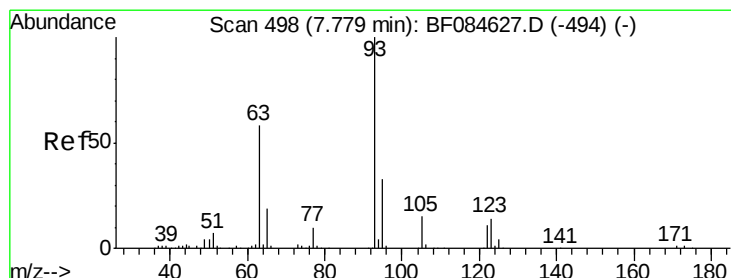
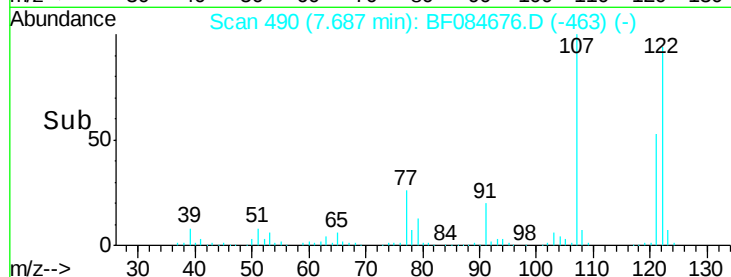
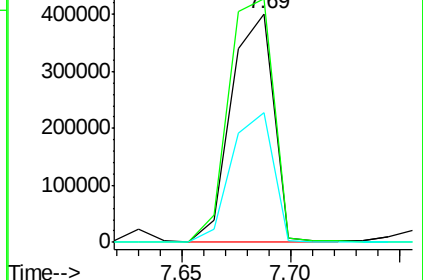
121 56.6 47.9 71.9



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: 49.86 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF084676.D

Acq: 30 Jan 2016 10:41

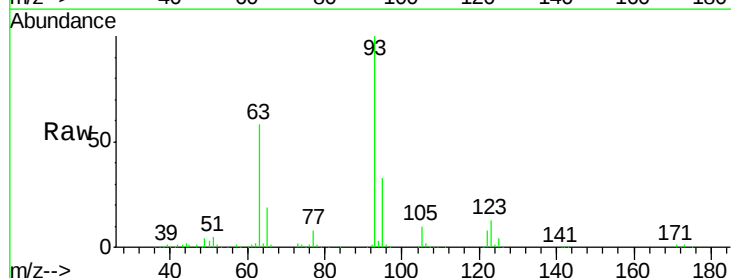
Tgt Ion: 93 Resp: 710586

Ion Ratio Lower Upper

93 100

95 33.2 25.8 38.6

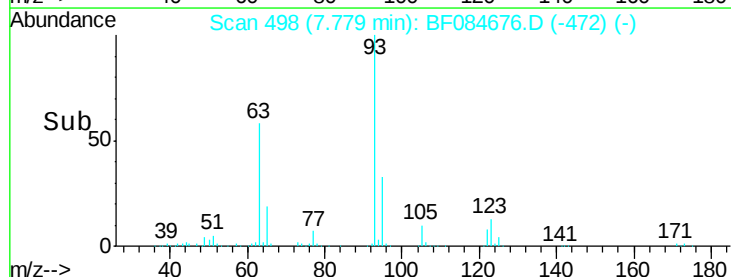
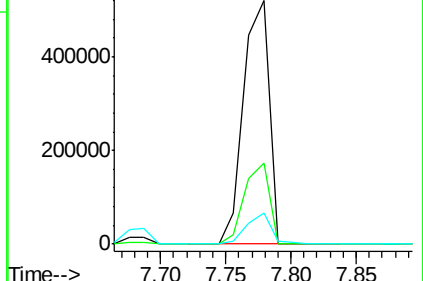
123 13.0 8.6 12.8#

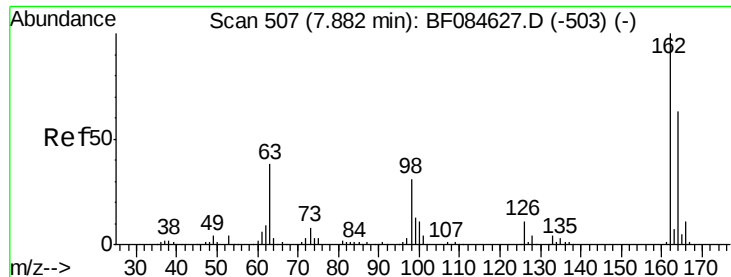


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

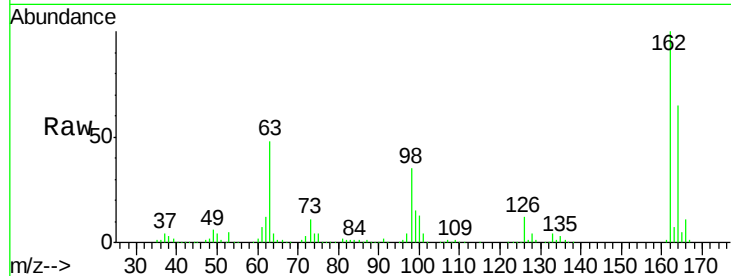




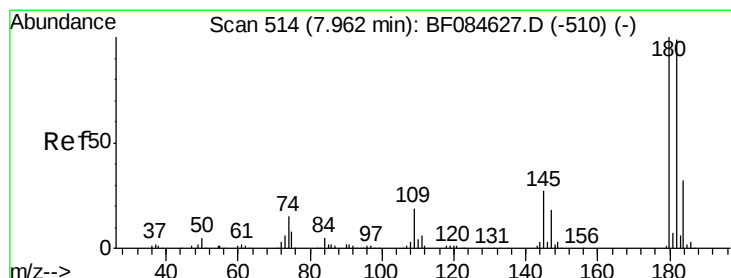
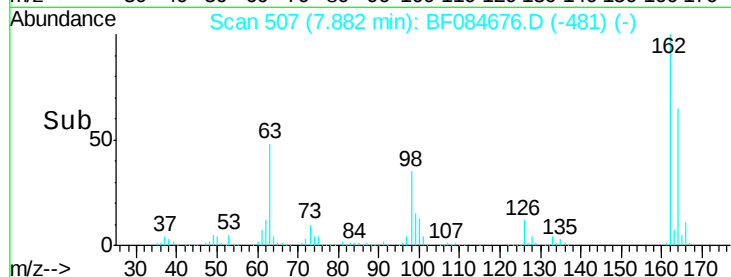
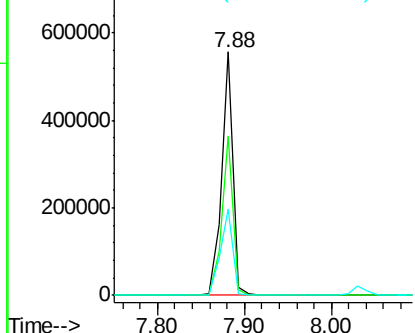
#29
 2,4-Dichlorophenol
 Concen: 52.24 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF084676.D
 Acq: 30 Jan 2016 10:41

Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-115MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.4	44.1	84.1
98	35.5	20.2	60.2

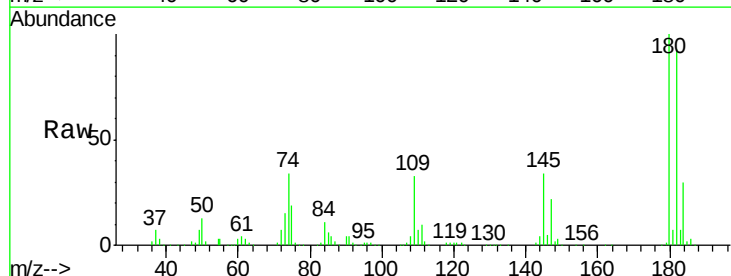


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

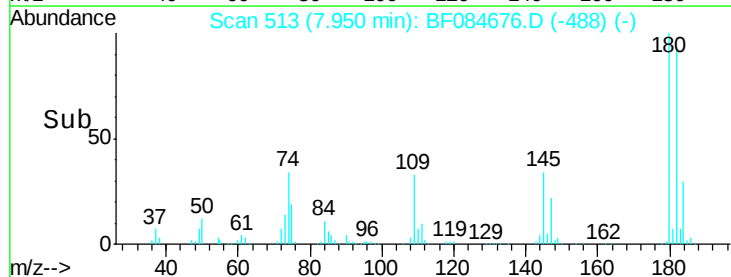
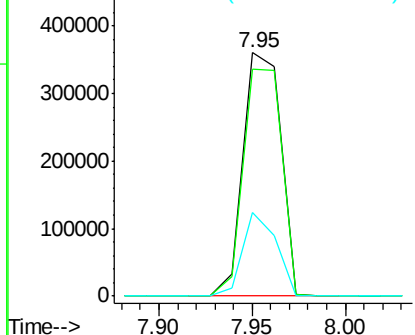


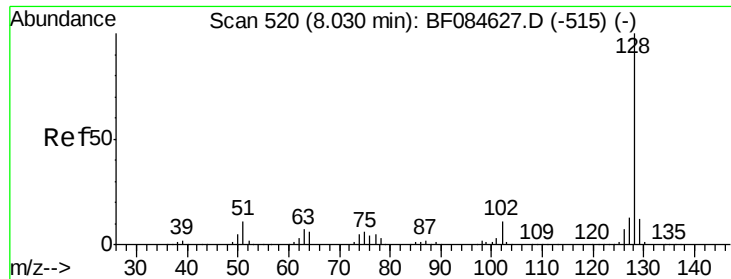
#30
 1,2,4-Trichlorobenzene
 Concen: 44.91 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: BF084676.D
 Acq: 30 Jan 2016 10:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	76.4	114.6
145	34.5	31.6	47.4



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

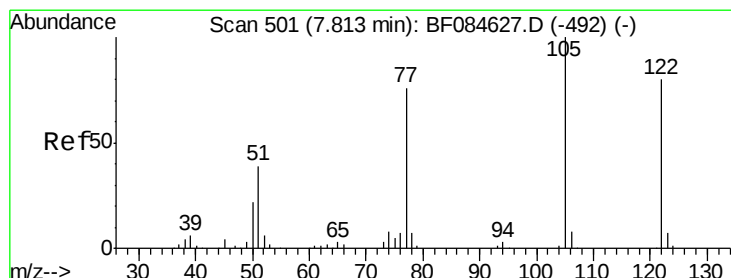
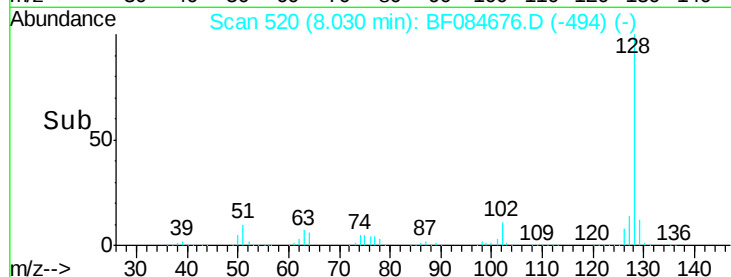
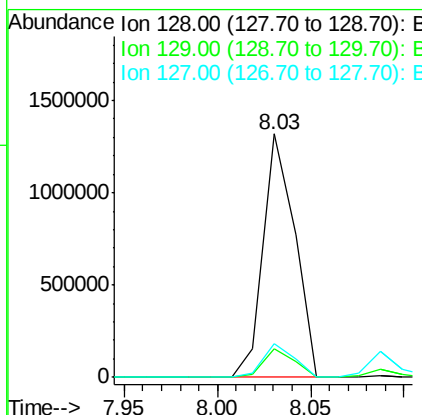
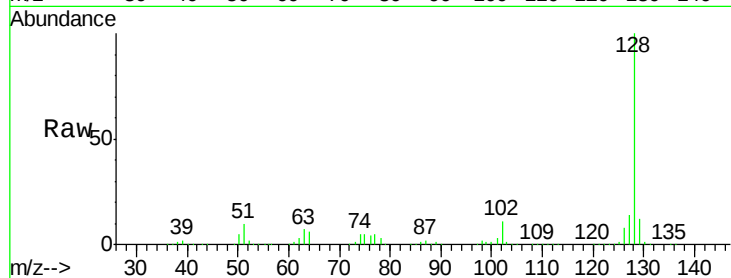




#31
Naphthalene
Concen: 43.07 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF084676.D
Acq: 30 Jan 2016 10:41

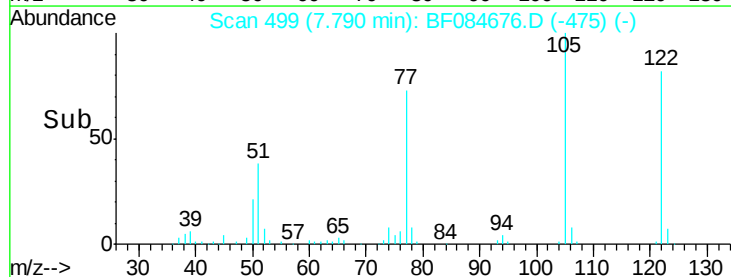
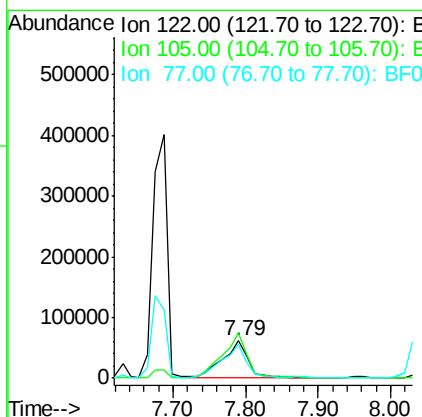
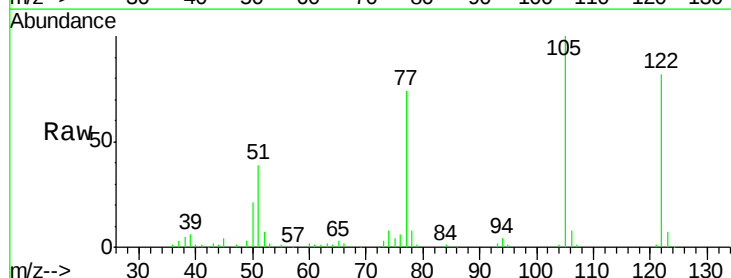
Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-115MSD

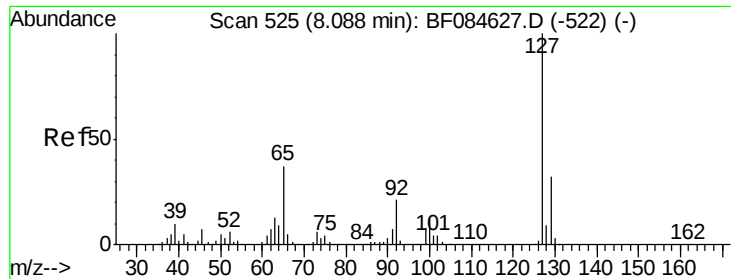
Tgt Ion:128 Resp: 1540011
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.6 11.1 16.7



#32
Benzoic acid
Concen: 17.60 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.02 min
Lab File: BF084676.D
Acq: 30 Jan 2016 10:41

Tgt Ion:122 Resp: 151682
Ion Ratio Lower Upper
122 100
105 122.3 100.3 140.3
77 90.7 63.5 103.5

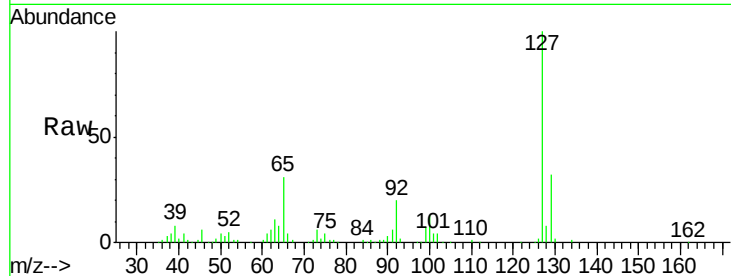




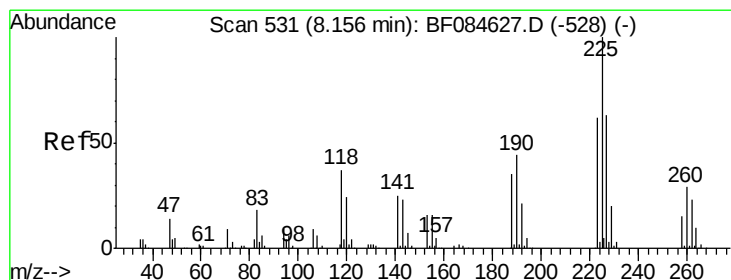
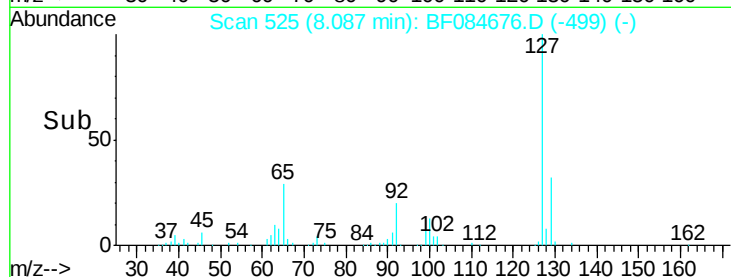
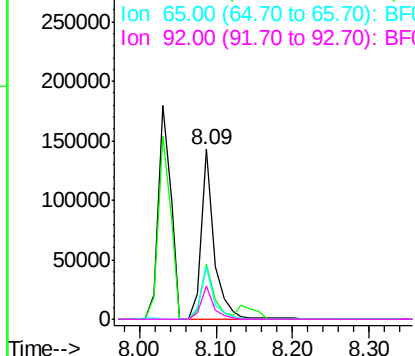
#33
 4-Chloroaniline
 Concen: 11.42 ng
 RT: 8.09 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: BF084676.D
 Acq: 30 Jan 2016 10:41

Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-115MSD

Tgt Ion:	127	Resp:	166076
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.5	39.7
65	30.9	27.2	40.8
92	19.5	17.7	26.5

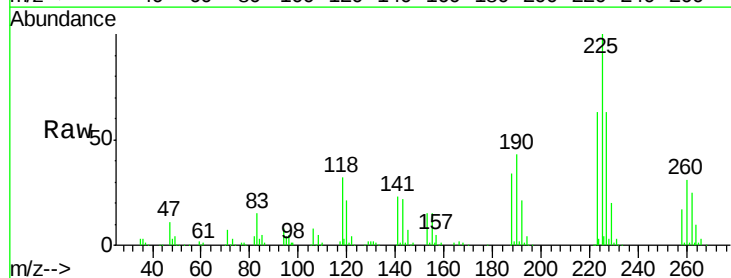


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

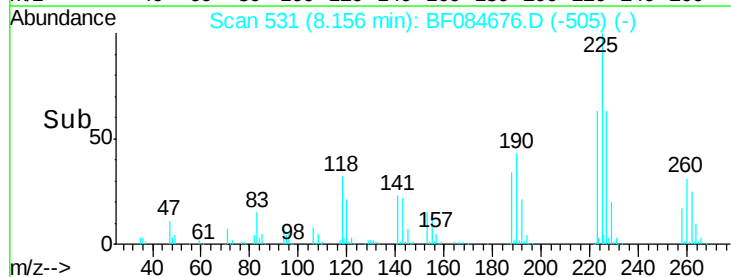
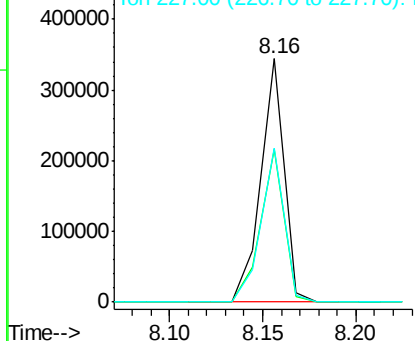


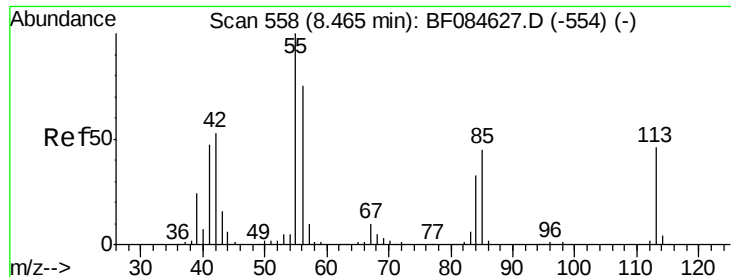
#34
 Hexachlorobutadiene
 Concen: 44.74 ng
 RT: 8.16 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: BF084676.D
 Acq: 30 Jan 2016 10:41

Tgt Ion:	225	Resp:	296864
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.4	74.0
227	63.2	50.8	76.2



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

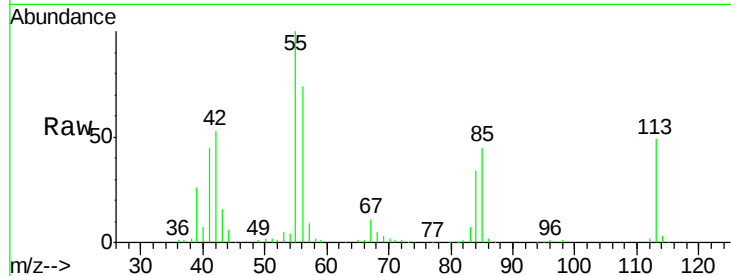




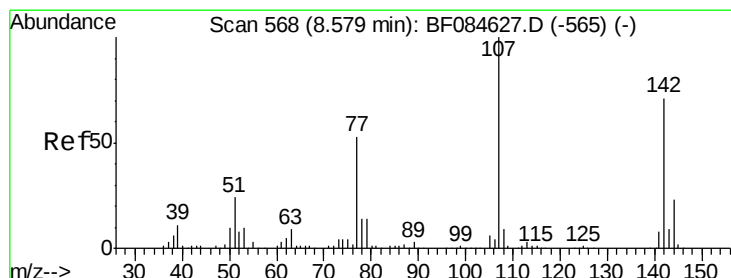
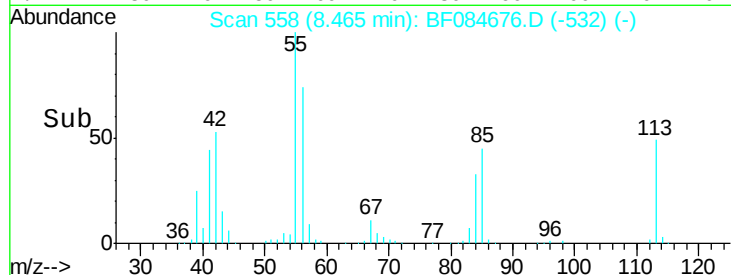
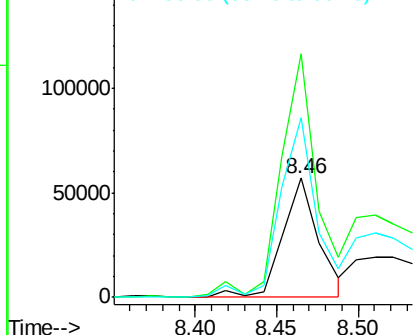
#35
 Caprolactam
 Concen: 31.20 ng
 RT: 8.46 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF084676.D
 Acq: 30 Jan 2016 10:41

Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-115MSD

Tgt Ion:113 Resp: 87899
 Ion Ratio Lower Upper
 113 100
 55 204.5 116.9 156.9#
 56 150.6 93.8 133.8#

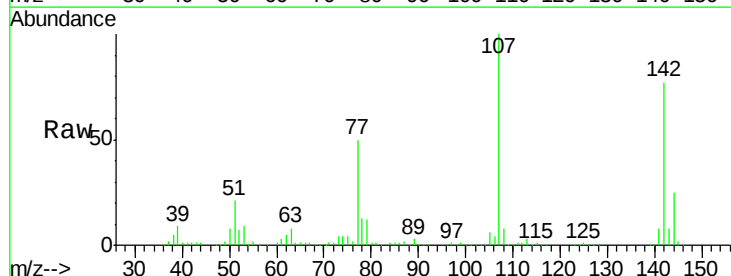


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

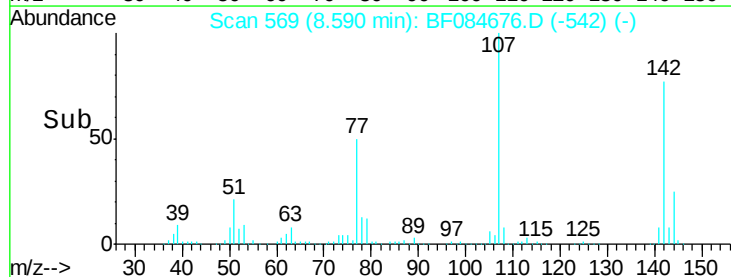
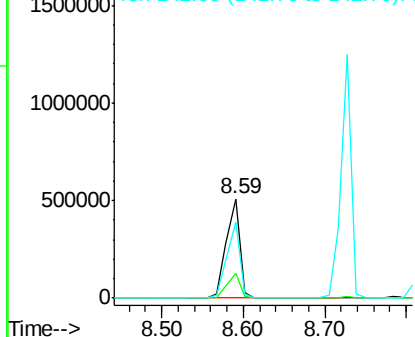


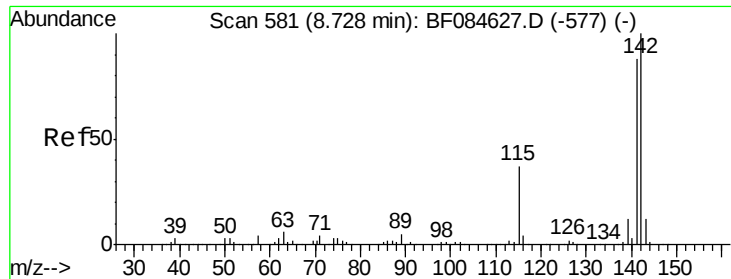
#36
 4-Chloro-3-methylphenol
 Concen: 54.11 ng
 RT: 8.59 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: BF084676.D
 Acq: 30 Jan 2016 10:41

Tgt Ion:107 Resp: 584983
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.7 29.5
 142 76.5 61.8 92.6



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

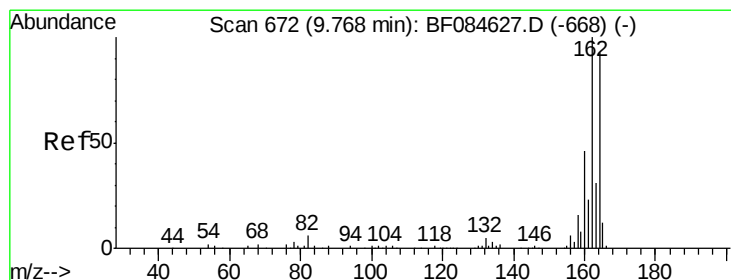
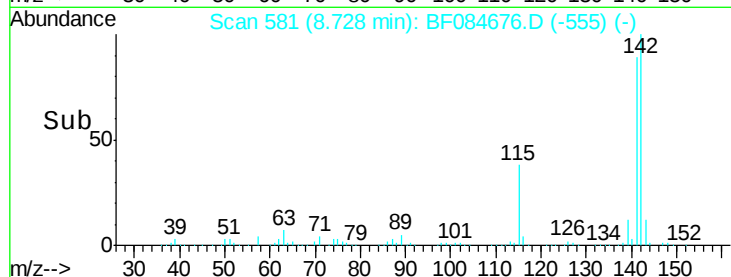
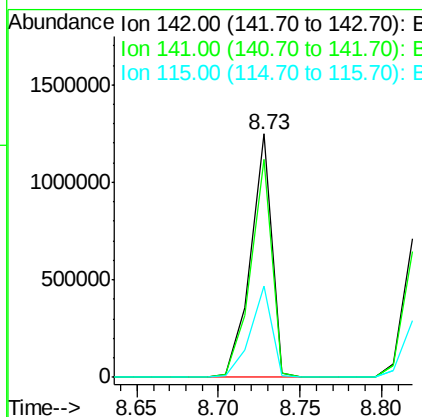
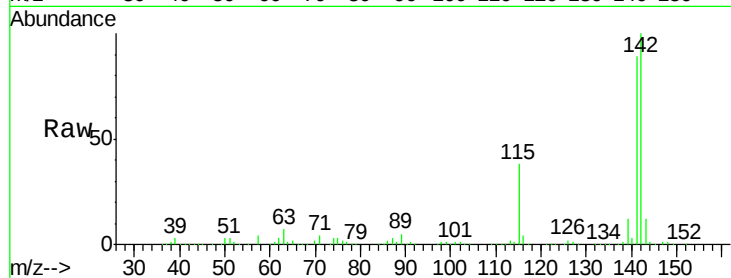




#37
2-Methylnaphthalene
Concen: 51.44 ng
RT: 8.73 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF084676.D
Acq: 30 Jan 2016 10:41

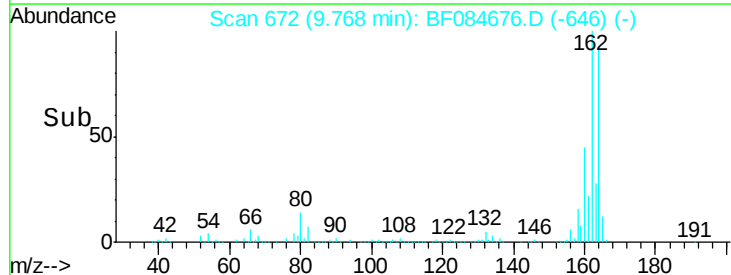
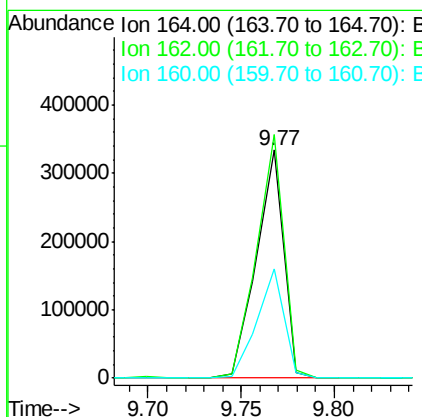
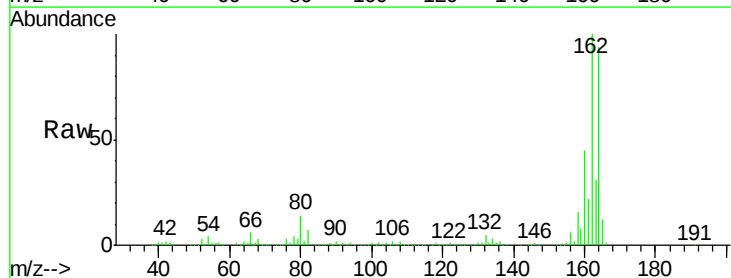
Instrument :
BNA_F
ClientSampleId :
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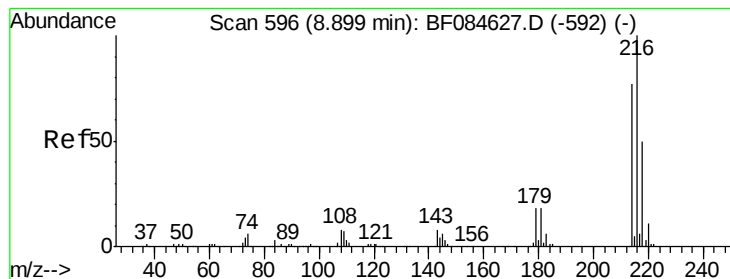
Tgt Ion:142 Resp: 1129174
Ion Ratio Lower Upper
142 100
141 89.5 72.4 108.6
115 37.6 27.9 41.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF084676.D
Acq: 30 Jan 2016 10:41

Tgt Ion:164 Resp: 335929
Ion Ratio Lower Upper
164 100
162 106.7 85.1 127.7
160 47.8 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.75 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.00 min

Lab File: BF084676.D

Acq: 30 Jan 2016 10:41

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MSD

Tgt Ion:216 Resp: 443983

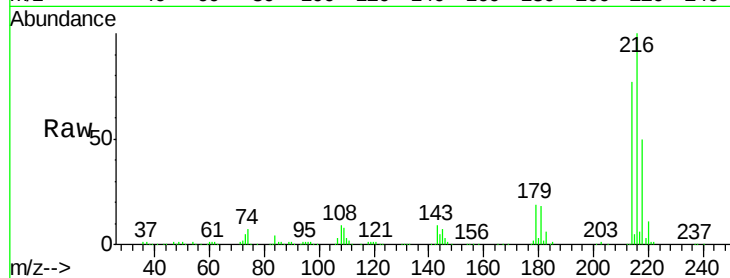
Ion Ratio Lower Upper

216 100

214 77.9 64.2 96.2

179 22.3 18.7 28.1

108 20.4 16.8 25.2

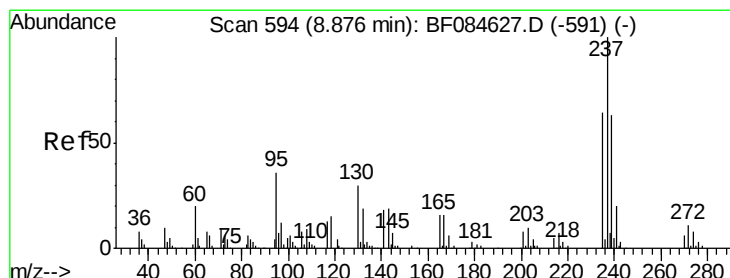
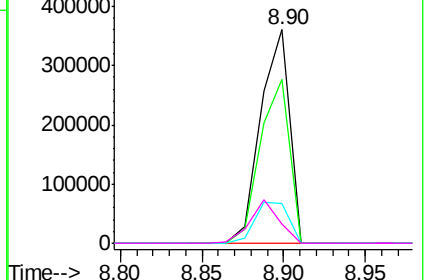
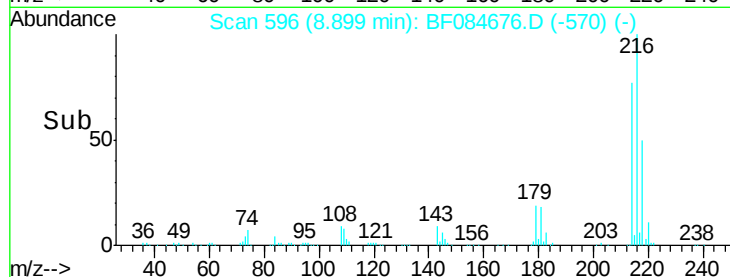


Abundance Ion 216.00 (215.70 to 216.70): E

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: 92.05 ng

RT: 8.89 min Scan# 595

Delta R.T. 0.01 min

Lab File: BF084676.D

Acq: 30 Jan 2016 10:41

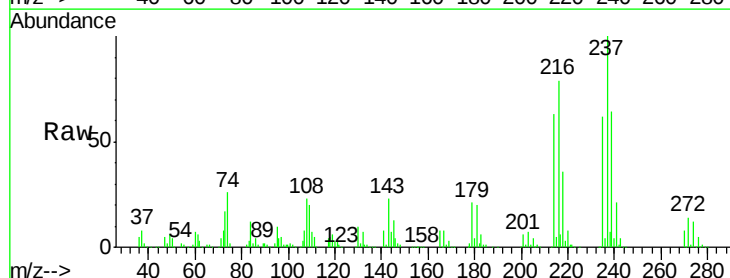
Tgt Ion:237 Resp: 455936

Ion Ratio Lower Upper

237 100

235 62.4 43.1 83.1

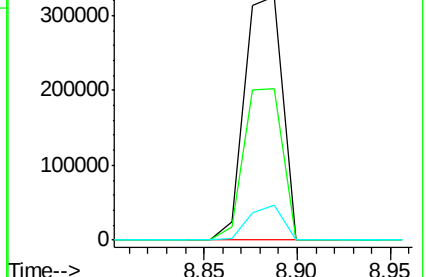
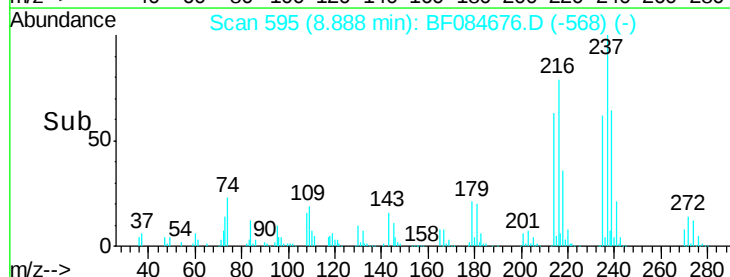
272 14.4 0.0 35.1

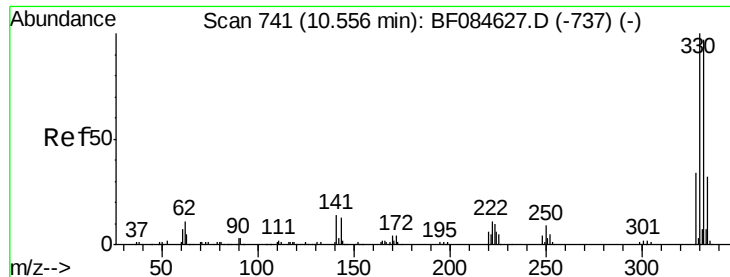


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

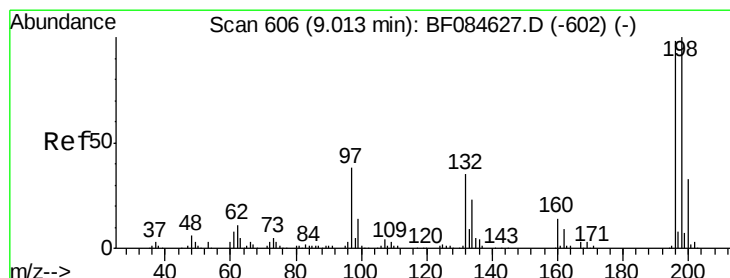
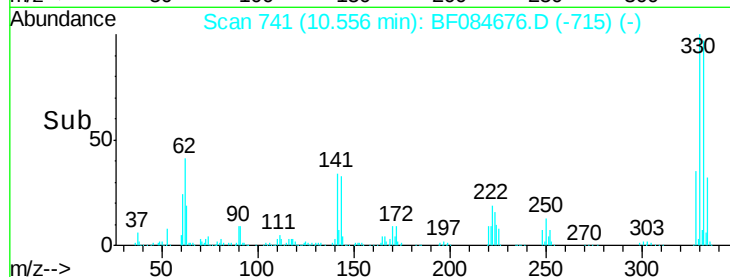
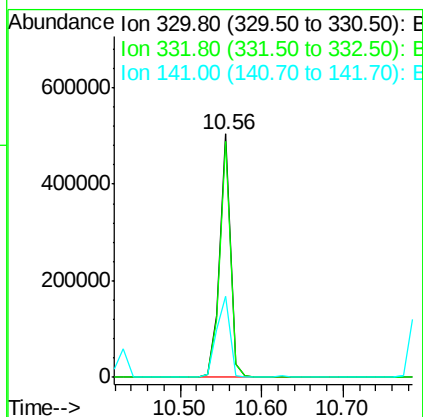
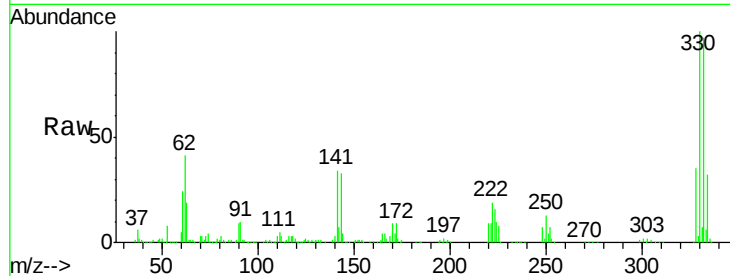




#41
 2,4,6-Tribromophenol
 Concen: 131.98 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF084676.D
 Acq: 30 Jan 2016 10:41

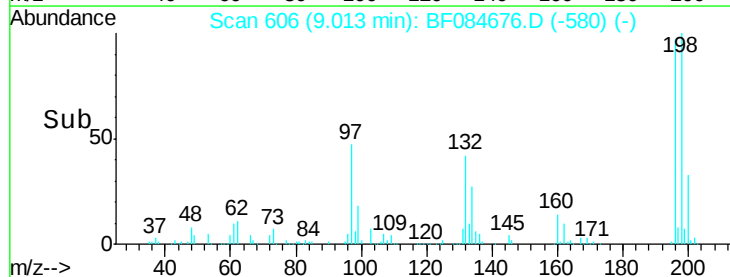
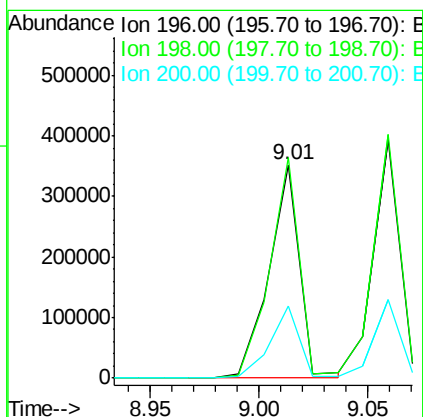
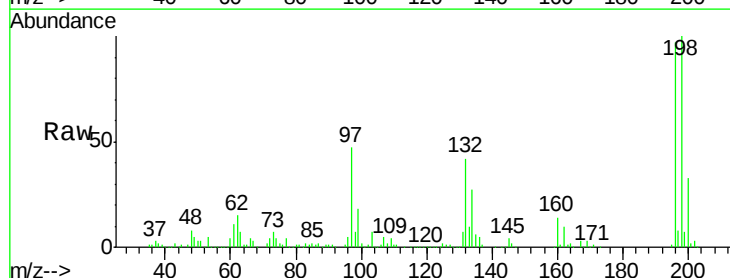
Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-115MSD

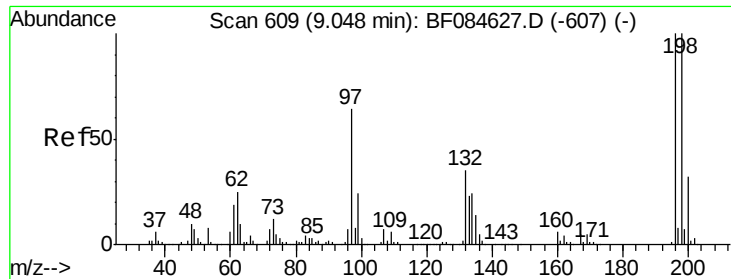
Tgt Ion:330 Resp: 464673
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 41.2 27.8 41.6



#42
 2,4,6-Trichlorophenol
 Concen: 50.96 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF084676.D
 Acq: 30 Jan 2016 10:41

Tgt Ion:196 Resp: 344881
 Ion Ratio Lower Upper
 196 100
 198 103.5 77.7 116.5
 200 33.7 24.6 37.0

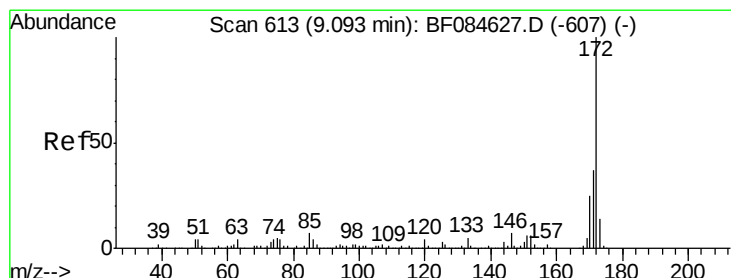
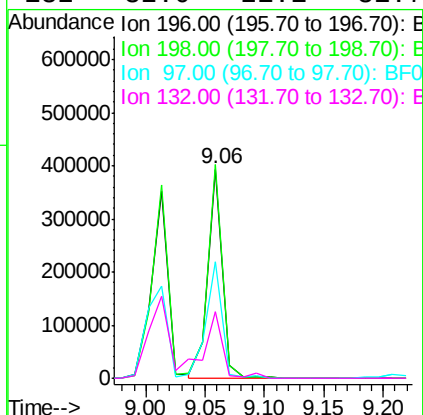
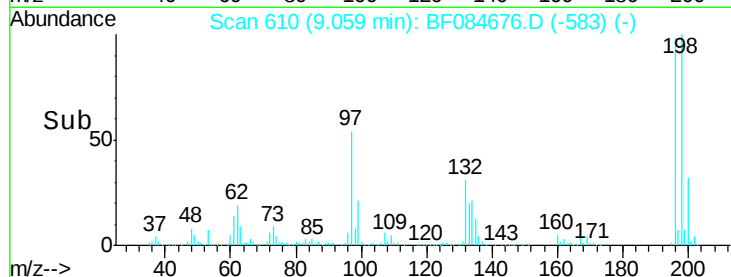
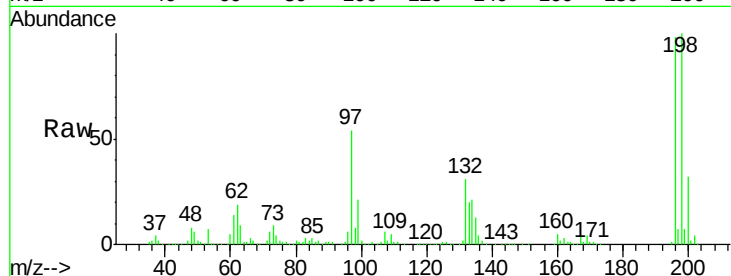




#43
 2,4,5-Trichlorophenol
 Concen: 48.25 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.01 min
 Lab File: BF084676.D
 Acq: 30 Jan 2016 10:41

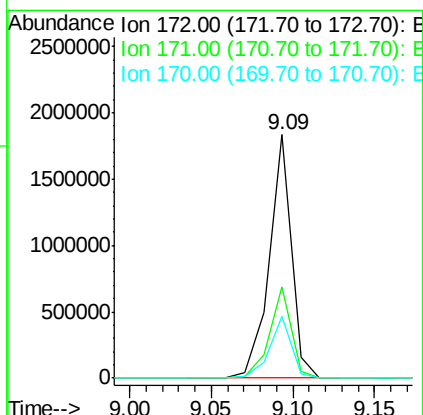
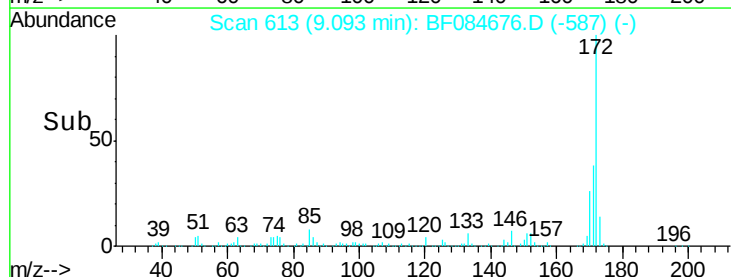
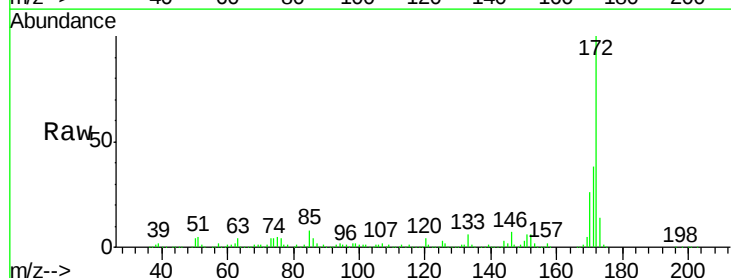
Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-115MSD

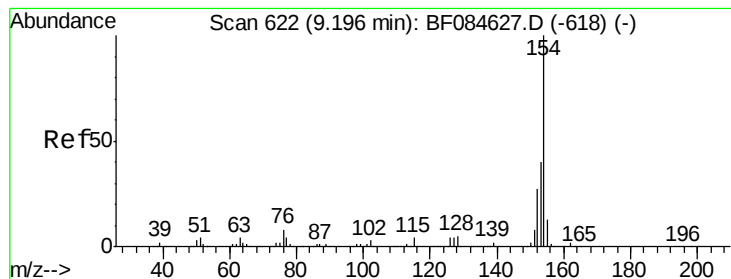
Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.1	79.0	118.6
97	55.4	33.0	49.6
132	32.0	21.1	31.7



#44
 2-Fluorobiphenyl
 Concen: 76.99 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084676.D
 Acq: 30 Jan 2016 10:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.9	43.3
170	25.6	18.6	27.8





#45

1,1'-Biphenyl

Concen: 44.29 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF084676.D

Acq: 30 Jan 2016 10:41

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MSD

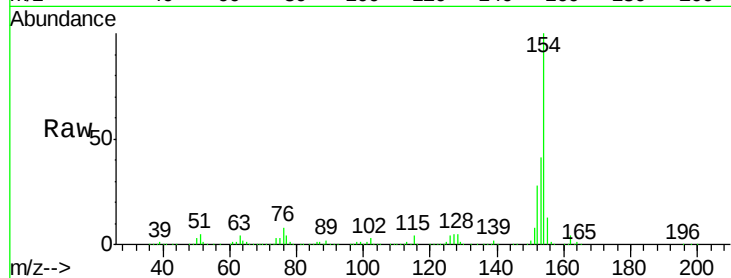
Tgt Ion:154 Resp: 1363493

Ion Ratio Lower Upper

154 100

153 40.6 21.6 61.6

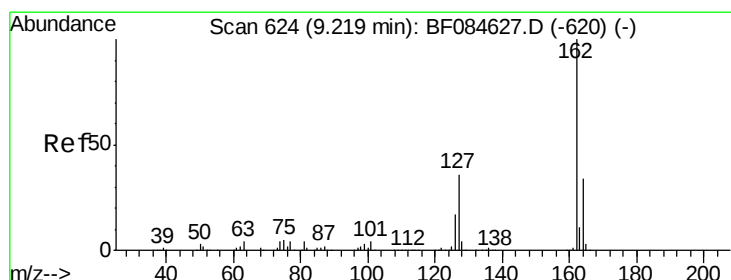
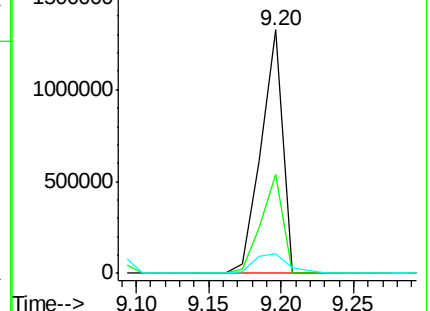
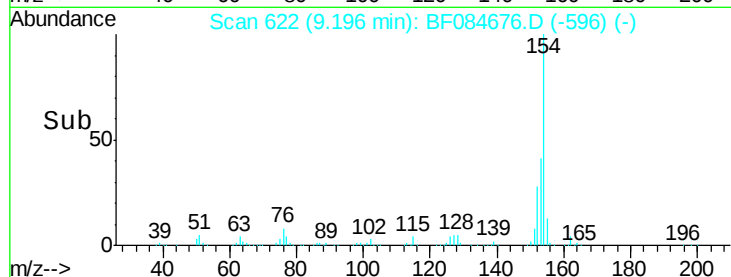
76 8.1 0.0 32.7



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: 44.14 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF084676.D

Acq: 30 Jan 2016 10:41

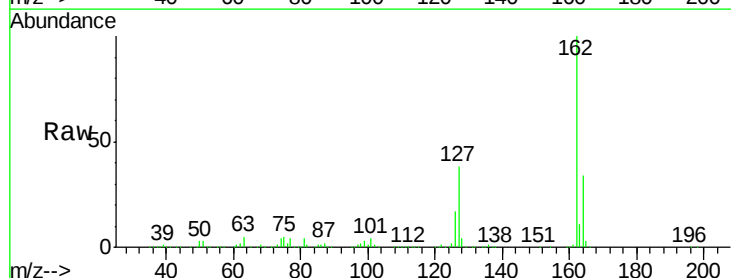
Tgt Ion:162 Resp: 991503

Ion Ratio Lower Upper

162 100

127 37.6 40.2 60.4#

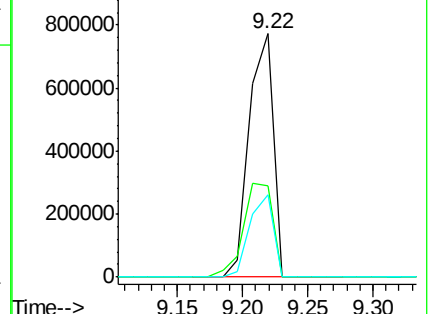
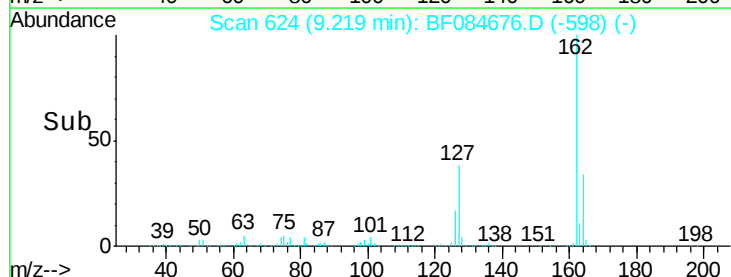
164 33.9 25.7 38.5

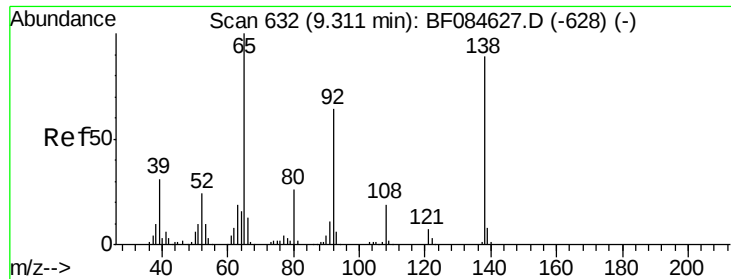


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

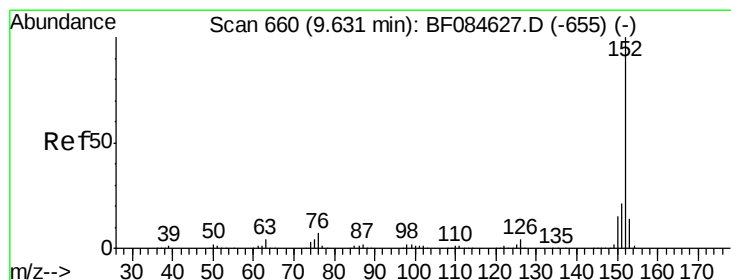
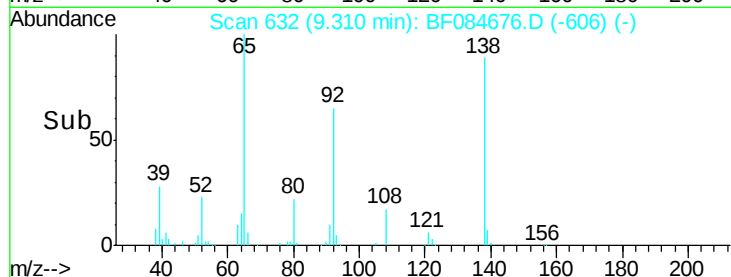
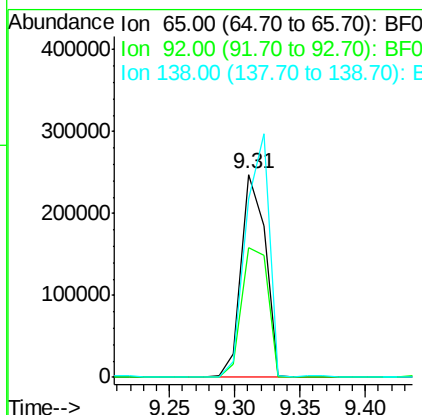
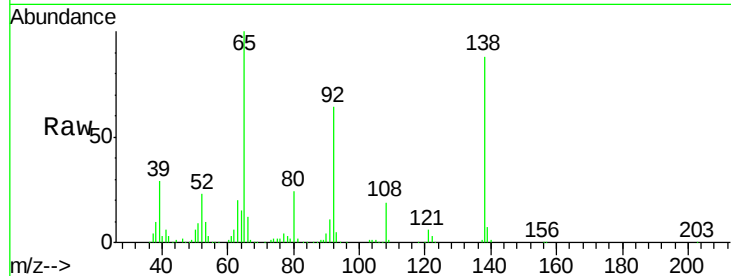




#47
2-Nitroaniline
Concen: 47.34 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.00 min
Lab File: BF084676.D
Acq: 30 Jan 2016 10:41

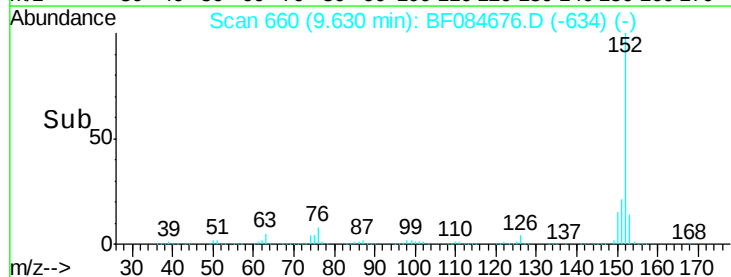
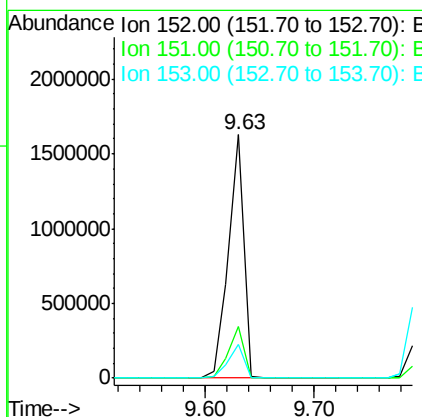
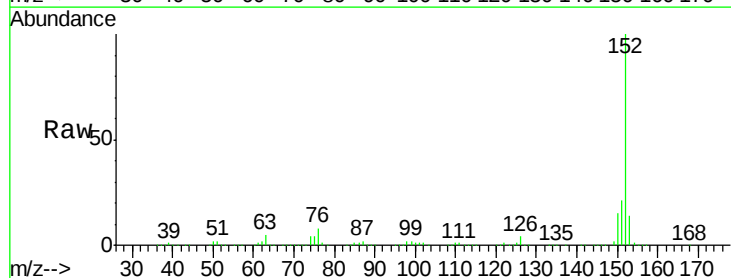
Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-115MSD

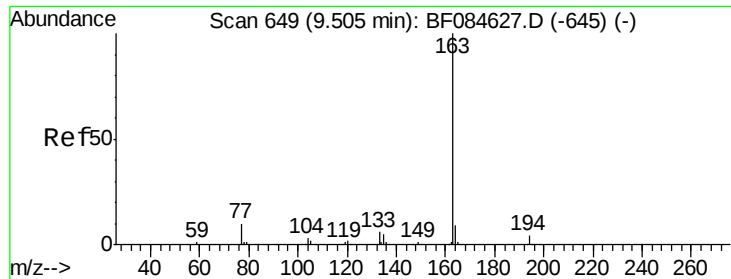
Tgt Ion: 65 Resp: 319350
Ion Ratio Lower Upper
65 100
92 63.9 53.4 80.2
138 88.1 71.1 106.7



#48
Acenaphthylene
Concen: 46.73 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF084676.D
Acq: 30 Jan 2016 10:41

Tgt Ion: 152 Resp: 1590492
Ion Ratio Lower Upper
152 100
151 21.1 16.3 24.5
153 14.1 10.4 15.6

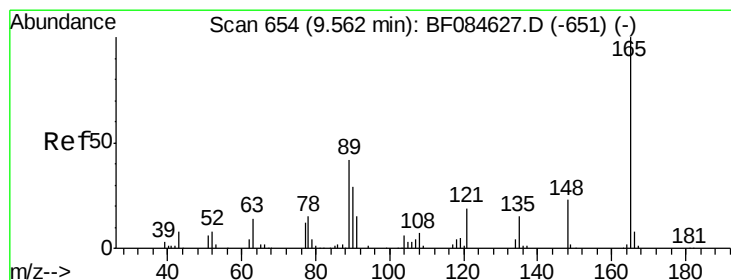
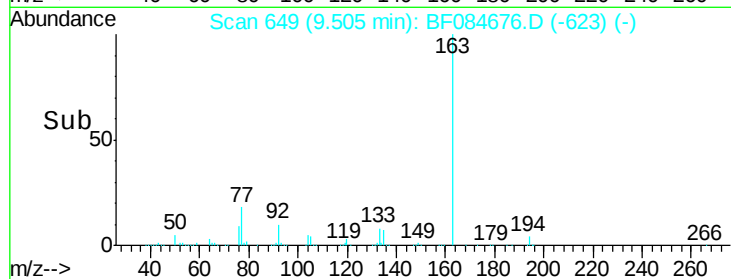
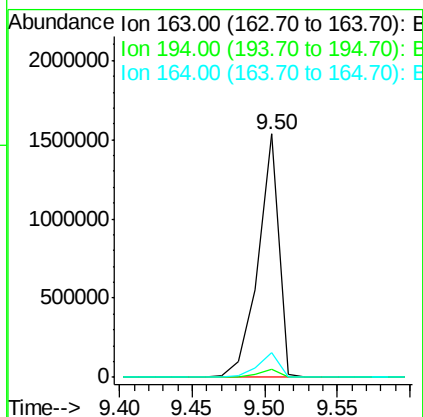
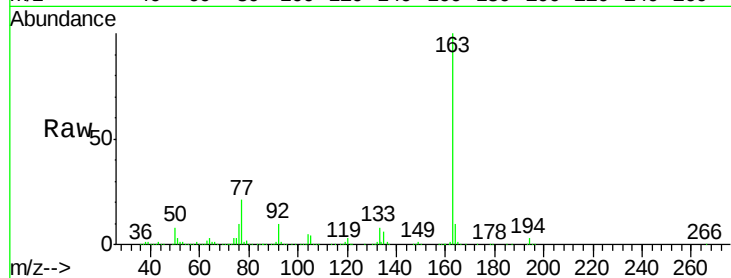




#49
Dimethylphthalate
Concen: 60.39 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF084676.D
Acq: 30 Jan 2016 10:41

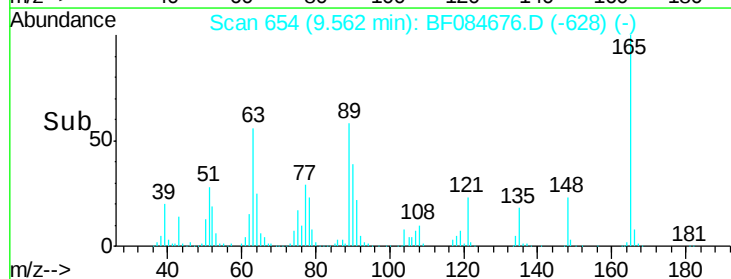
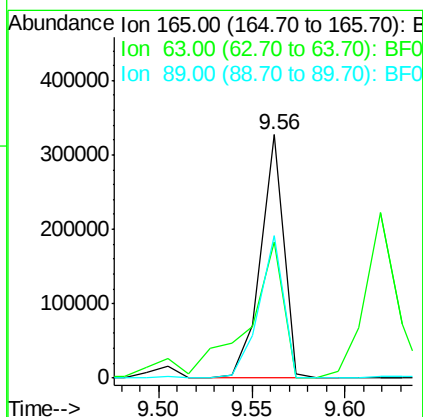
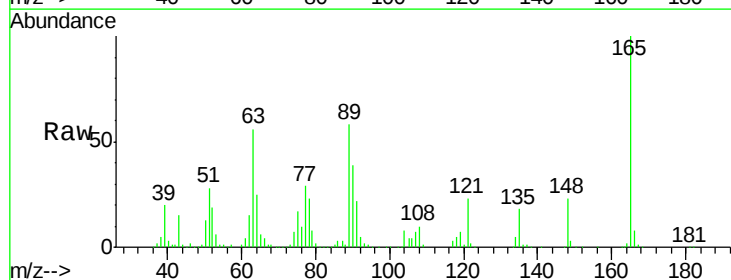
Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-115MSD

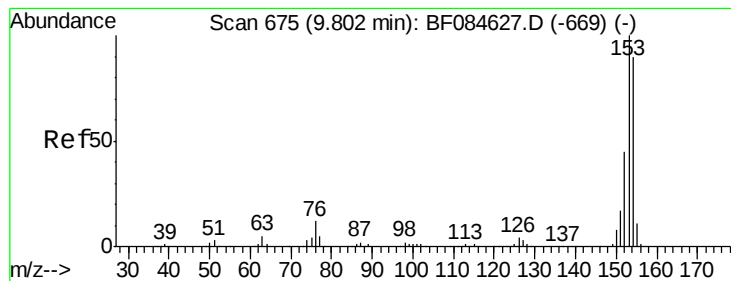
Tgt Ion:163 Resp: 1522488
Ion Ratio Lower Upper
163 100
194 3.5 8.0 12.0#
164 10.4 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 50.53 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF084676.D
Acq: 30 Jan 2016 10:41

Tgt Ion:165 Resp: 280313
Ion Ratio Lower Upper
165 100
63 56.2 28.8 43.2#
89 58.4 35.1 52.7#





#51

Acenaphthene

Concen: 44.79 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF084676.D

Acq: 30 Jan 2016 10:41

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MSD

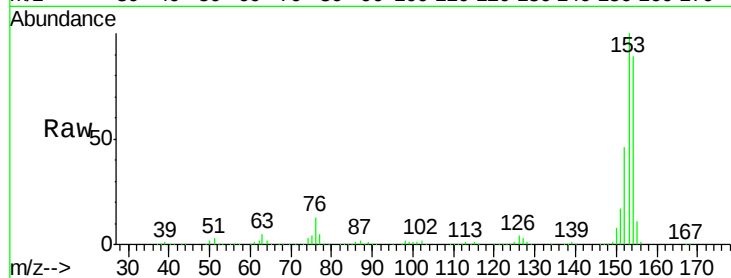
Tgt Ion:154 Resp: 1020840

Ion Ratio Lower Upper

154 100

153 111.9 91.5 137.3

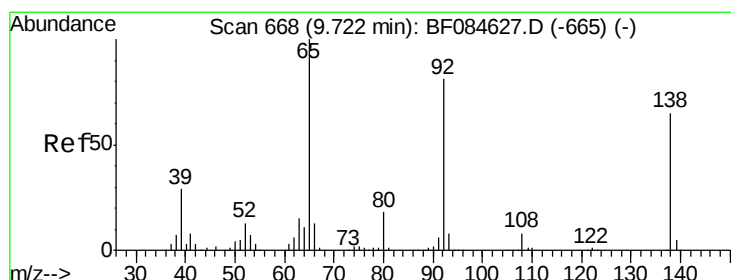
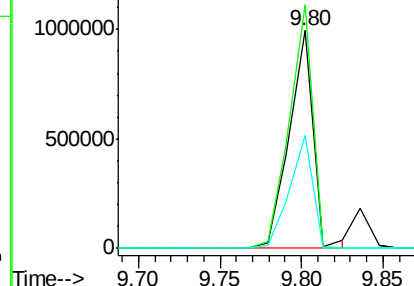
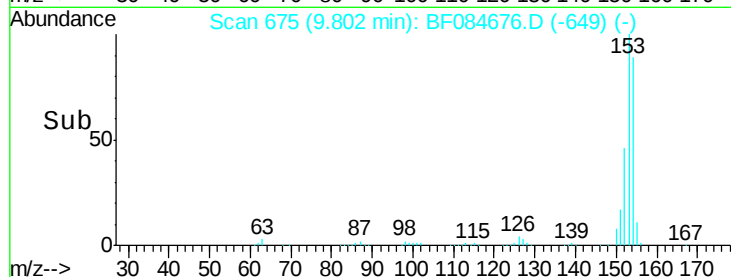
152 51.7 43.0 64.6



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: 24.12 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF084676.D

Acq: 30 Jan 2016 10:41

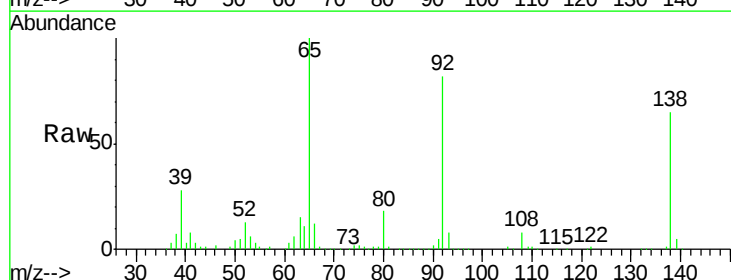
Tgt Ion:138 Resp: 139807

Ion Ratio Lower Upper

138 100

108 11.5 10.5 15.7

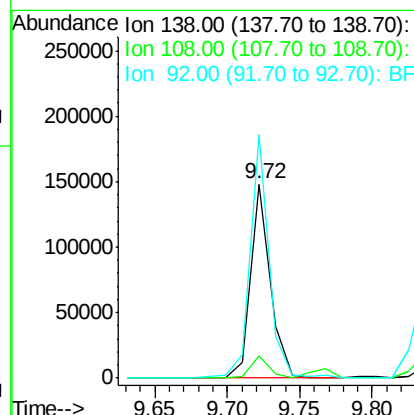
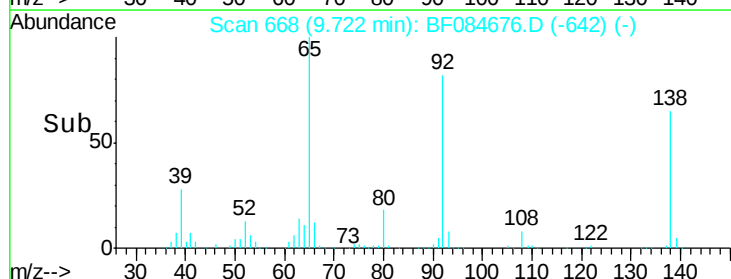
92 125.5 103.9 155.9

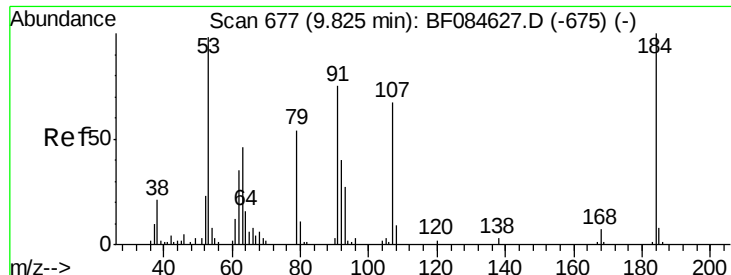


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

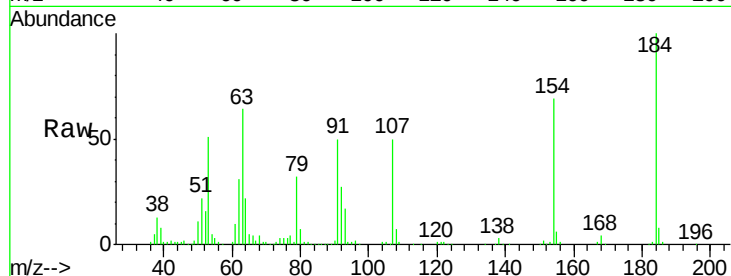




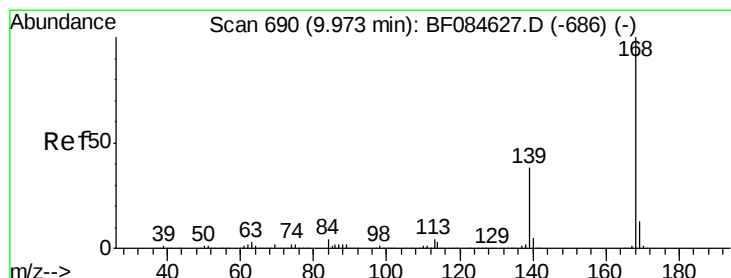
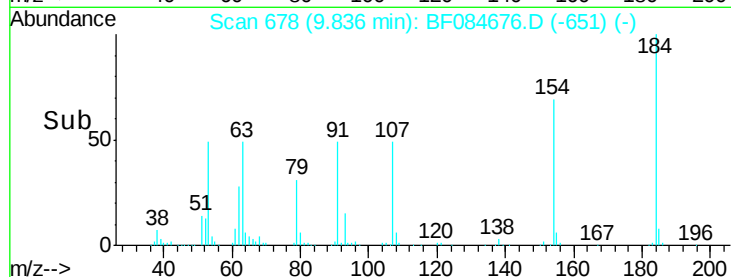
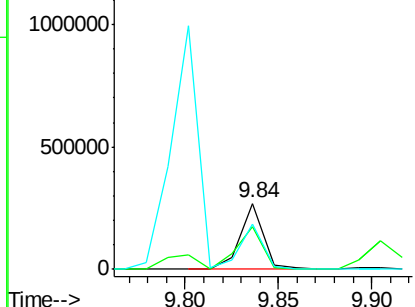
#53
2,4-Dinitrophenol
Concen: 87.36 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.01 min
Lab File: BF084676.D
Acq: 30 Jan 2016 10:41

Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-115MSD

Tgt Ion:184 Resp: 239131
Ion Ratio Lower Upper
184 100
63 64.0 43.1 64.7
154 68.7 60.5 90.7

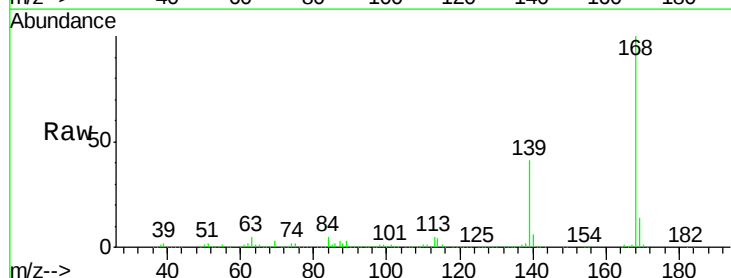


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

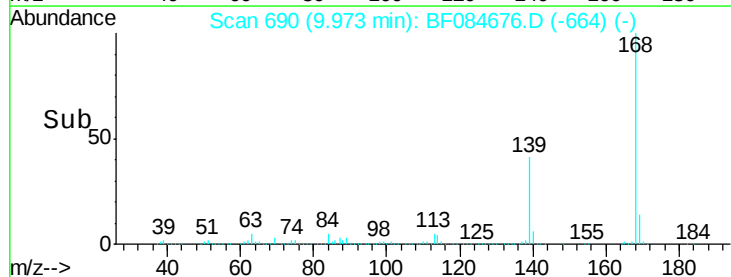
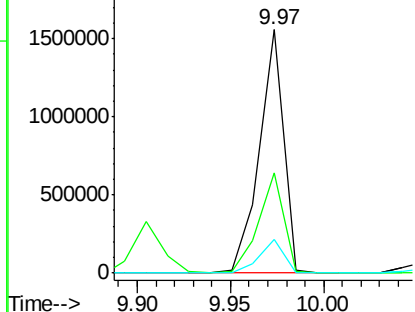


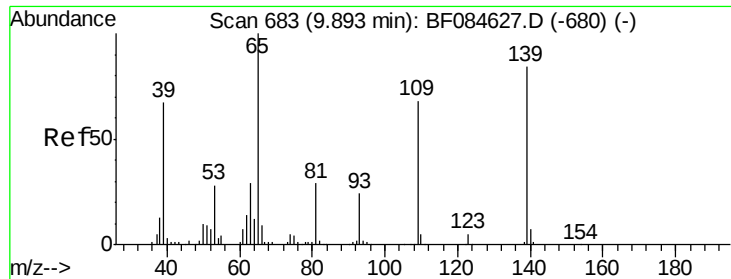
#54
Dibenzofuran
Concen: 51.34 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF084676.D
Acq: 30 Jan 2016 10:41

Tgt Ion:168 Resp: 1396475
Ion Ratio Lower Upper
168 100
139 41.2 30.5 45.7
169 13.9 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

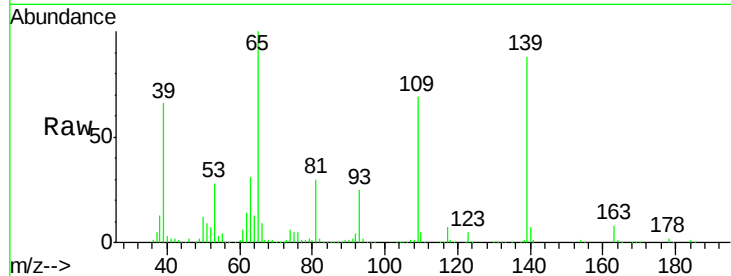




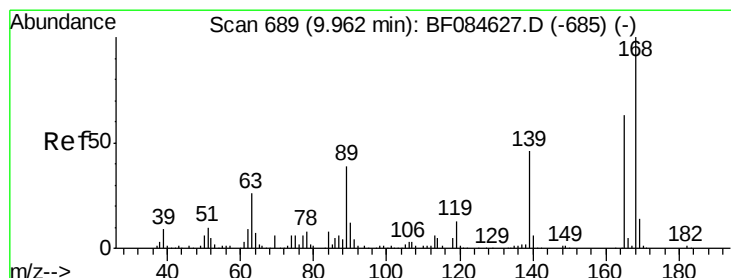
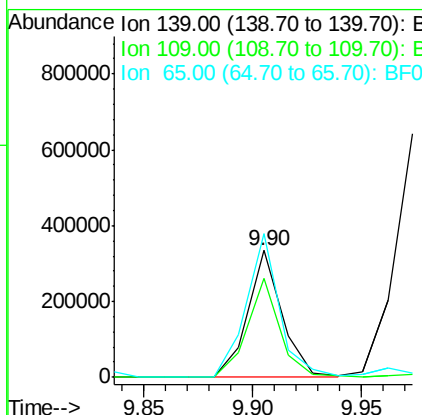
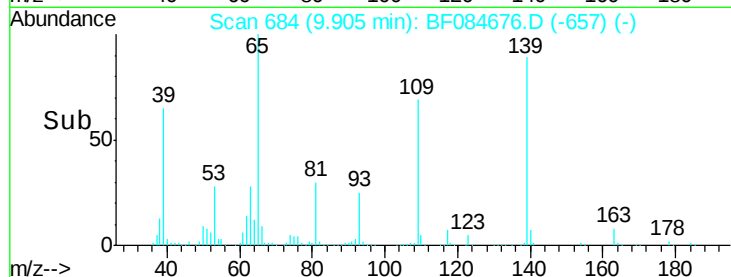
#55
4-Nitrophenol
Concen: 86.60 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.01 min
Lab File: BF084676.D
Acq: 30 Jan 2016 10:41

Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-115MSD

Tgt Ion:139 Resp: 368712
Ion Ratio Lower Upper
139 100
109 78.0 58.5 98.5
65 113.1 57.6 97.6#

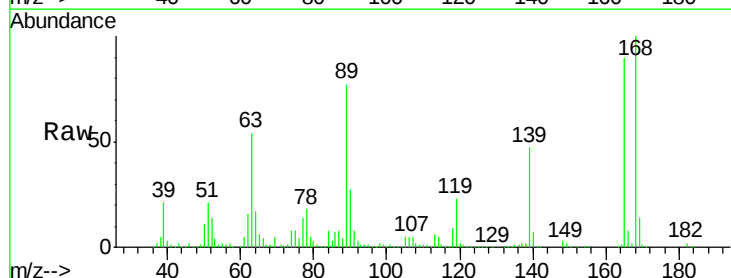


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

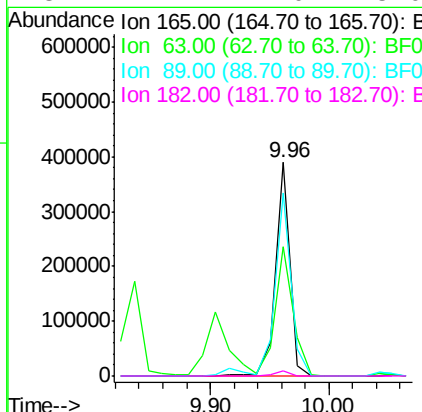
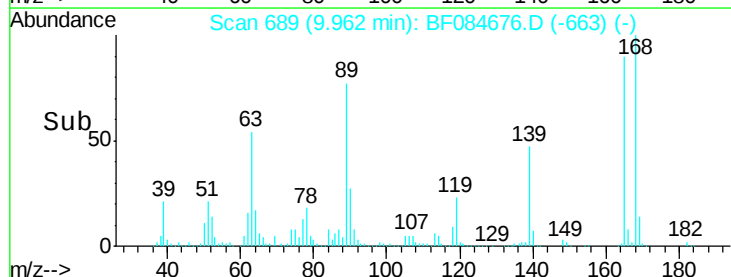


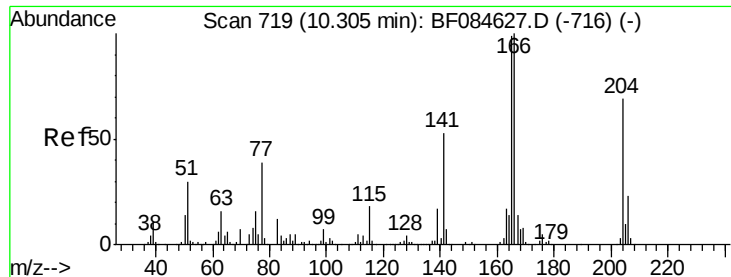
#56
2,4-Dinitrotoluene
Concen: 45.51 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF084676.D
Acq: 30 Jan 2016 10:41

Tgt Ion:165 Resp: 328012
Ion Ratio Lower Upper
165 100
63 60.3 36.7 55.1#
89 85.9 61.9 92.9
182 2.2 2.0 3.0



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: 47.13 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.01 min

Lab File: BF084676.D

Acq: 30 Jan 2016 10:41

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MSD

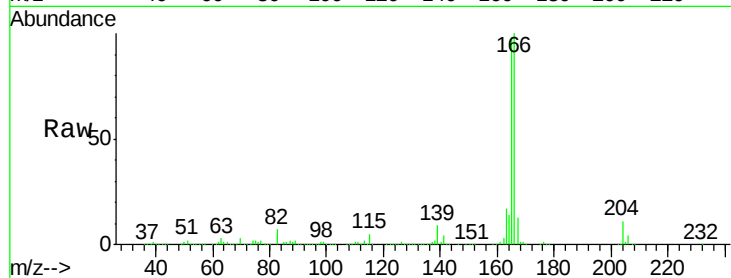
Tgt Ion:166 Resp: 1086544

Ion Ratio Lower Upper

166 100

165 98.5 79.1 118.7

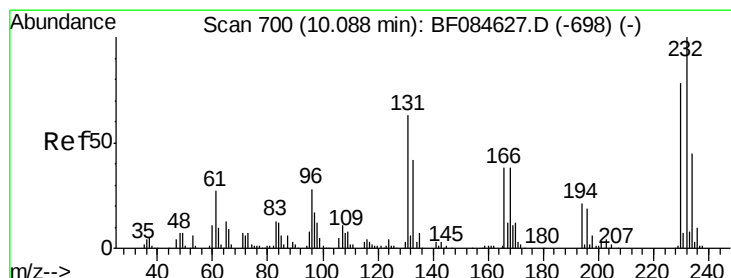
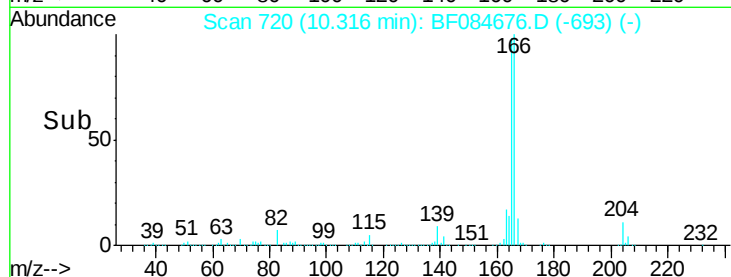
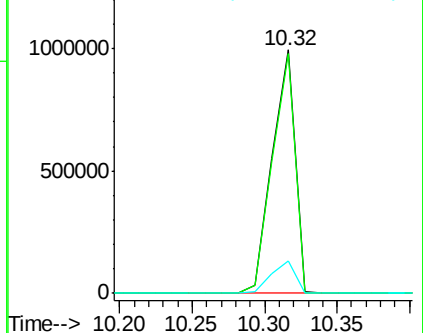
167 13.2 10.4 15.6



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: 51.04 ng

RT: 10.10 min Scan# 701

Delta R.T. 0.01 min

Lab File: BF084676.D

Acq: 30 Jan 2016 10:41

Tgt Ion:232 Resp: 269644

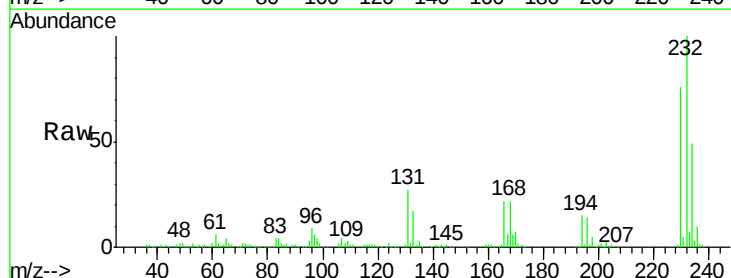
Ion Ratio Lower Upper

232 100

131 50.5 47.0 70.6

130 2.4 2.0 3.0

166 32.7 30.5 45.7

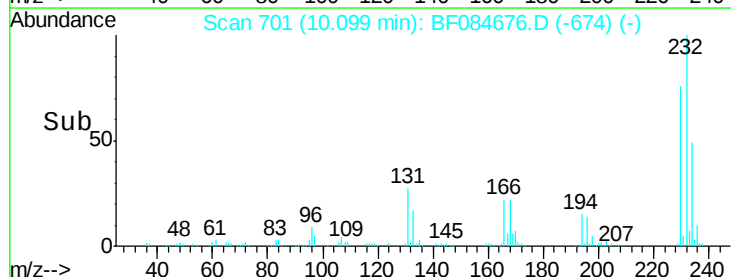
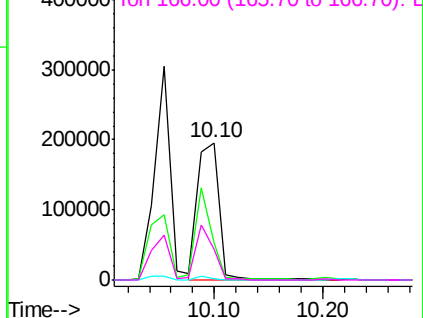


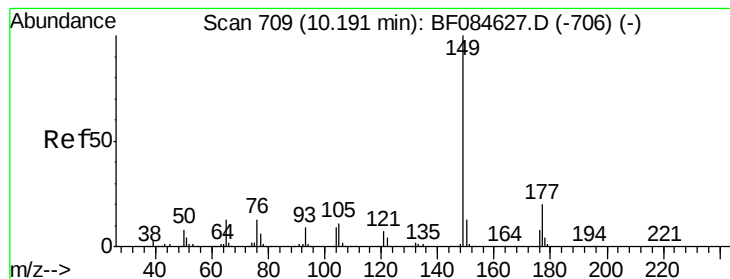
Abundance Ion 232.00 (231.70 to 232.70): E

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: 48.63 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF084676.D

Acq: 30 Jan 2016 10:41

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MSD

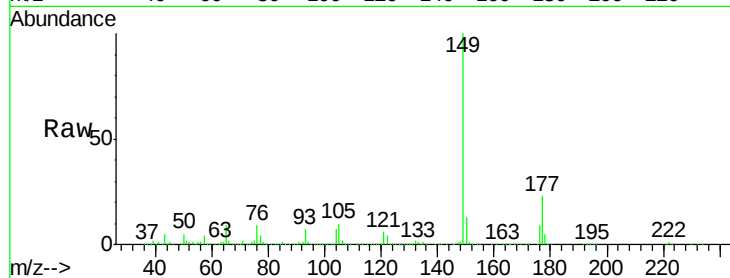
Tgt Ion:149 Resp: 1200330

Ion Ratio Lower Upper

149 100

177 23.2 17.3 25.9

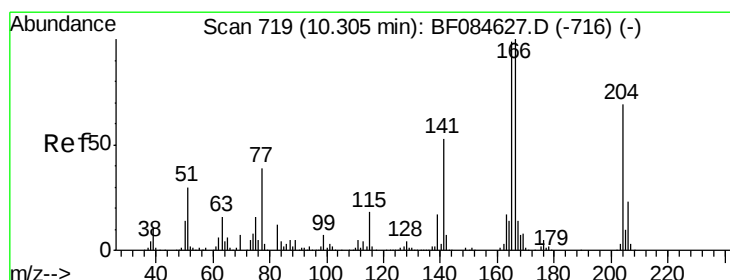
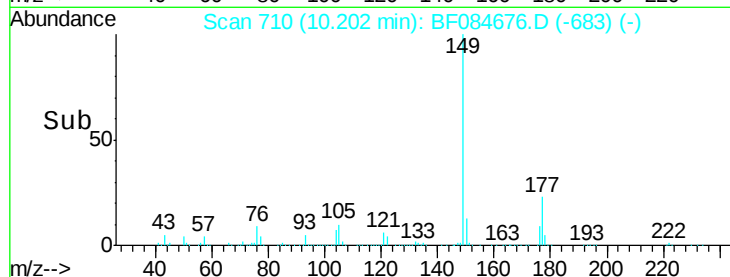
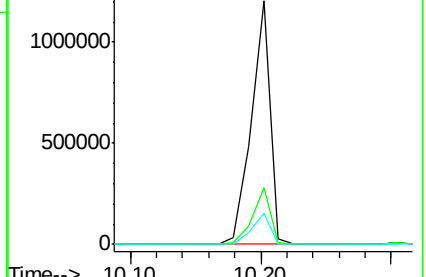
150 12.8 9.8 14.8



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: 42.04 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF084676.D

Acq: 30 Jan 2016 10:41

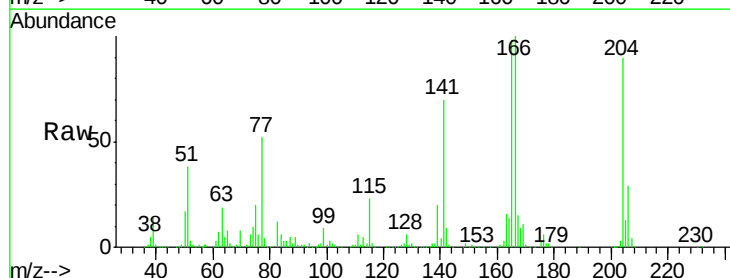
Tgt Ion:204 Resp: 435119

Ion Ratio Lower Upper

204 100

206 31.9 25.7 38.5

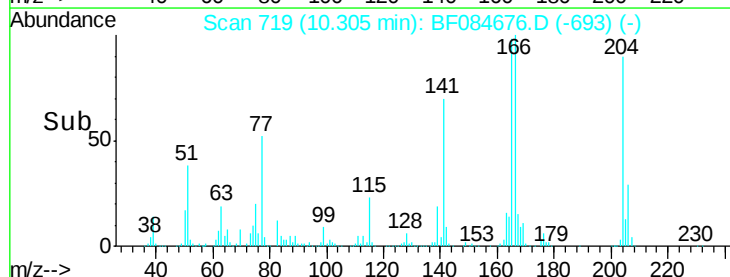
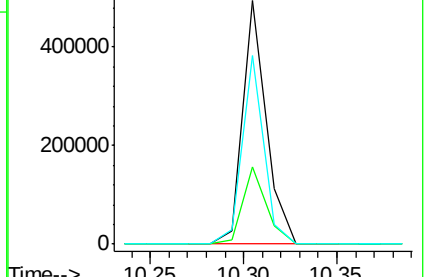
141 77.3 55.1 82.7

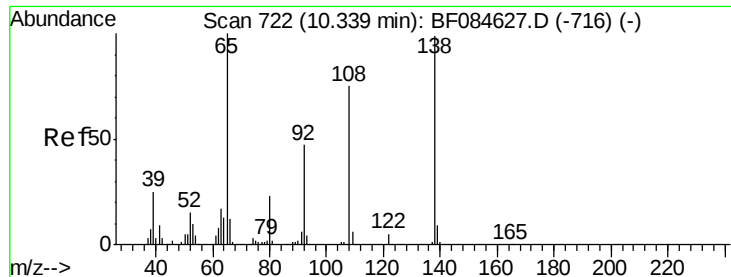


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

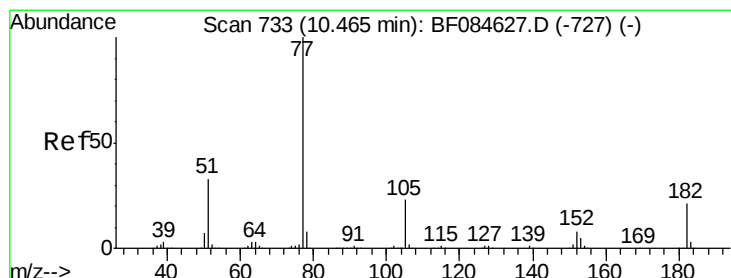
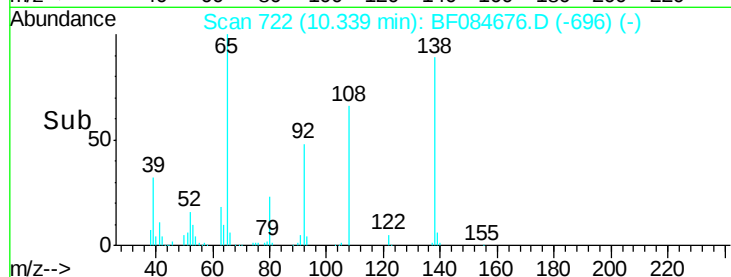
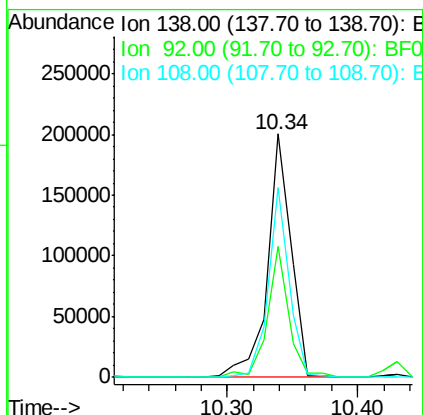
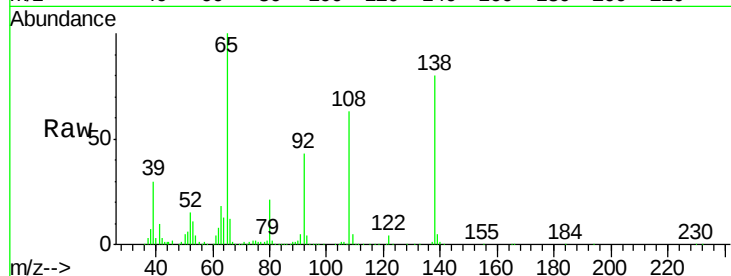




#61
4-Nitroaniline
Concen: 46.21 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF084676.D
Acq: 30 Jan 2016 10:41

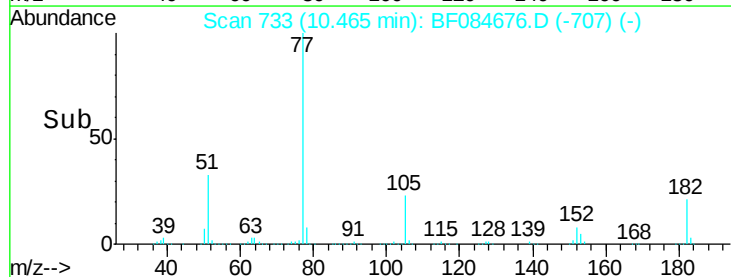
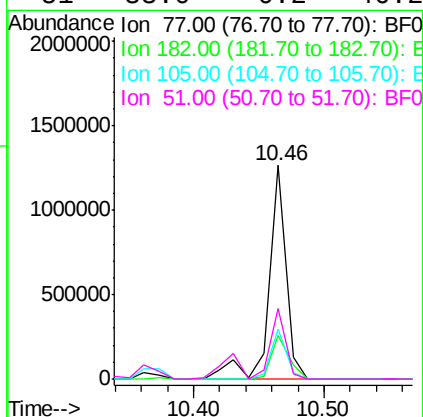
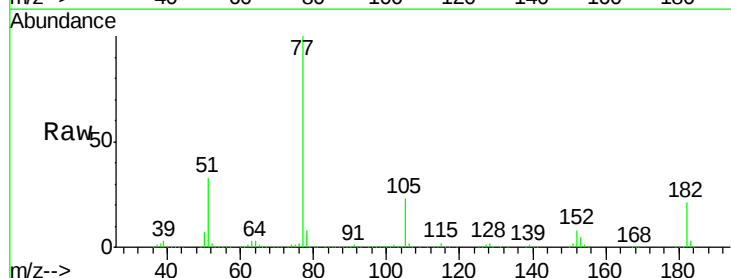
Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-115MSD

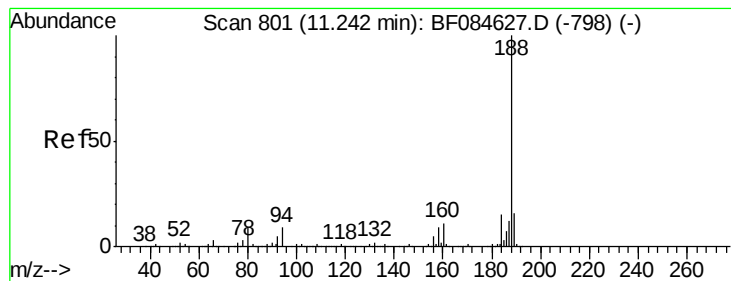
Tgt Ion:138 Resp: 253525
Ion Ratio Lower Upper
138 100
92 53.7 32.6 72.6
108 77.8 68.6 108.6



#62
Azobenzene
Concen: 49.80 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF084676.D
Acq: 30 Jan 2016 10:41

Tgt Ion: 77 Resp: 1176331
Ion Ratio Lower Upper
77 100
182 20.6 8.3 48.3
105 23.3 4.6 44.6
51 33.0 6.2 46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.24 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF084676.D

Acq: 30 Jan 2016 10:41

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MSD

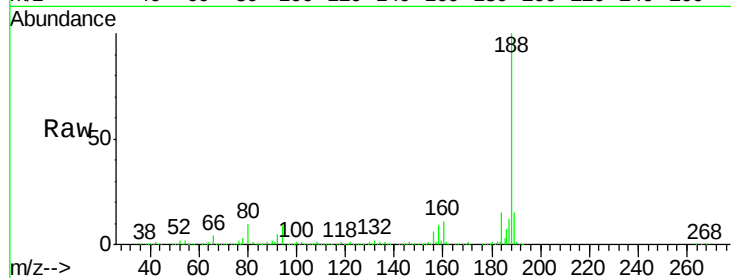
Tgt Ion:188 Resp: 585497

Ion Ratio Lower Upper

188 100

94 9.3 9.0 13.4

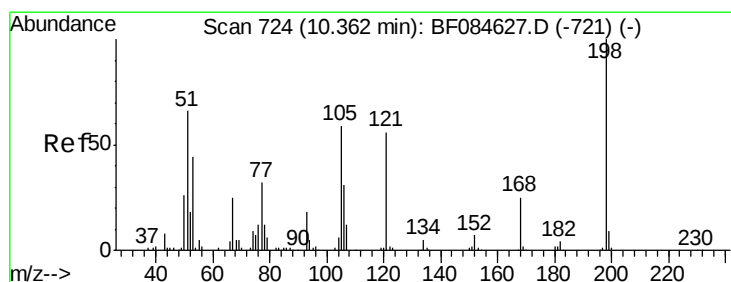
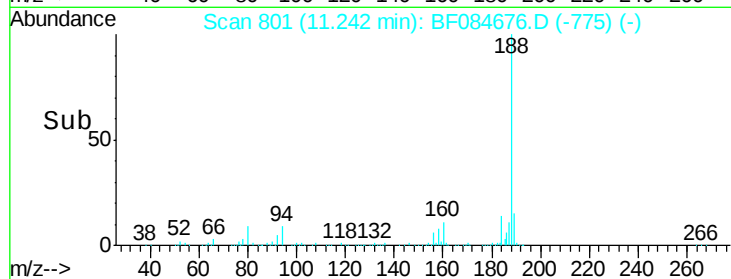
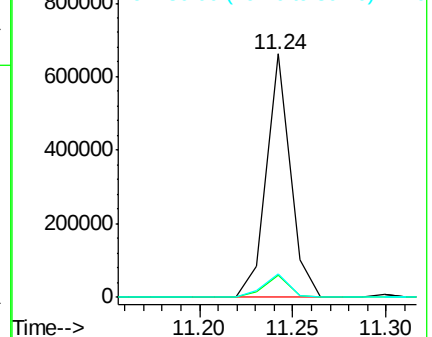
80 9.6 9.6 14.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 51.94 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF084676.D

Acq: 30 Jan 2016 10:41

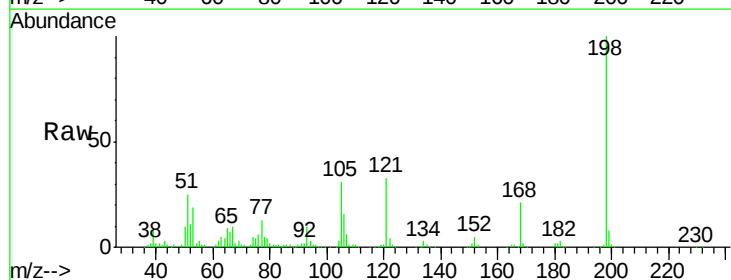
Tgt Ion:198 Resp: 198612

Ion Ratio Lower Upper

198 100

51 24.8 18.9 58.9

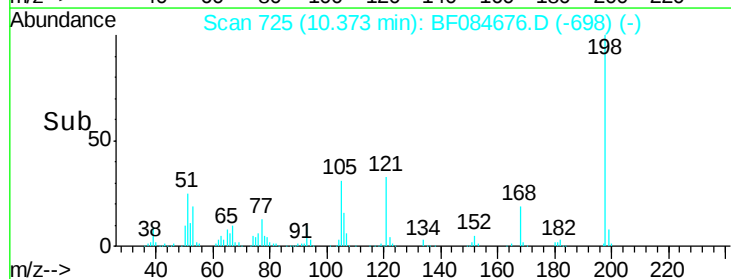
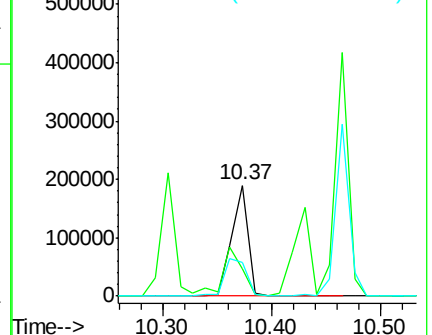
105 30.9 26.4 66.4

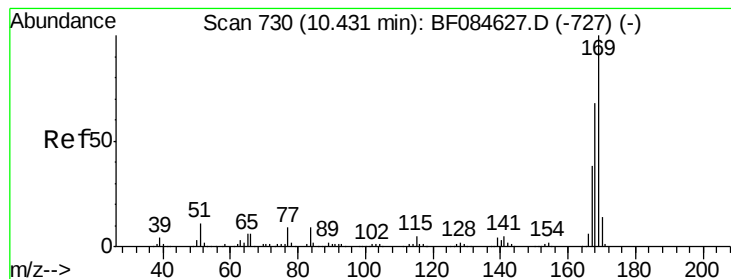


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

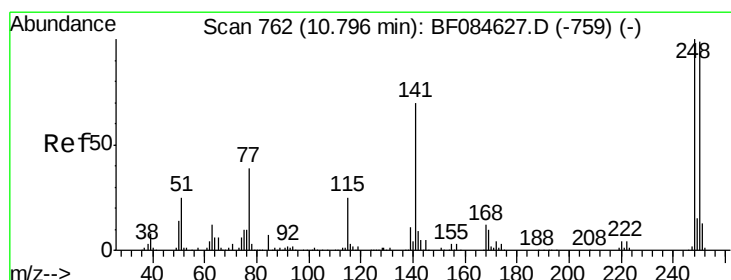
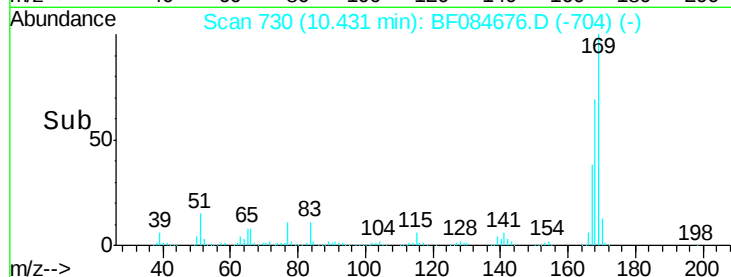
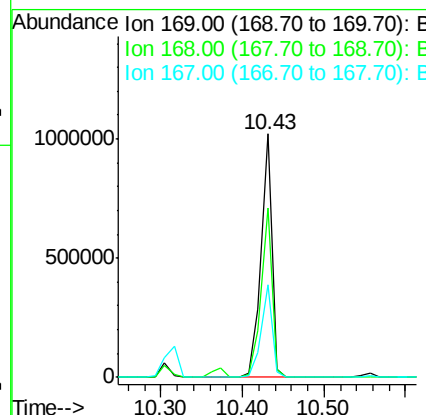
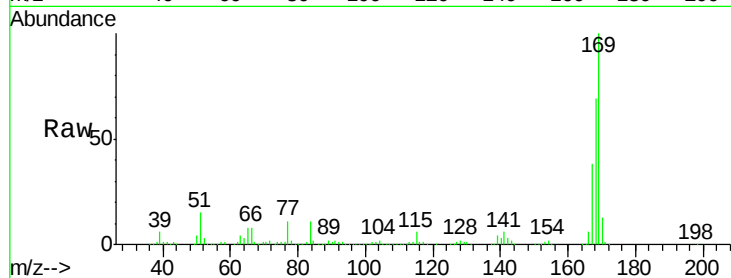




#65
n-Nitrosodiphenylamine
Concen: 49.57 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF084676.D
Acq: 30 Jan 2016 10:41

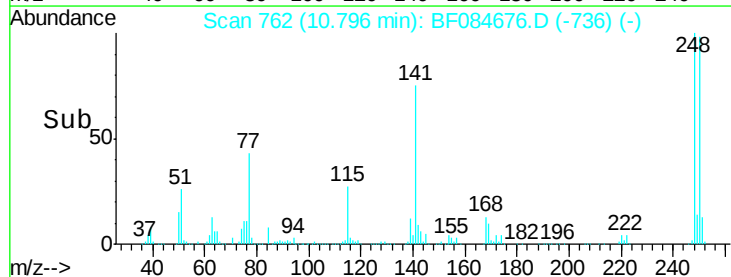
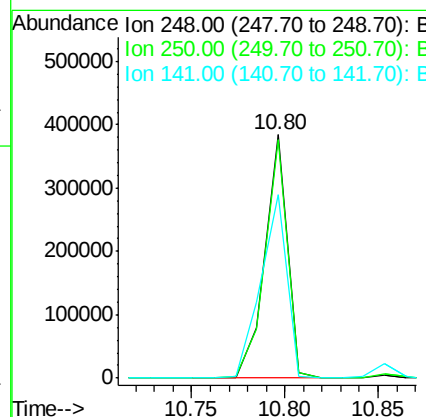
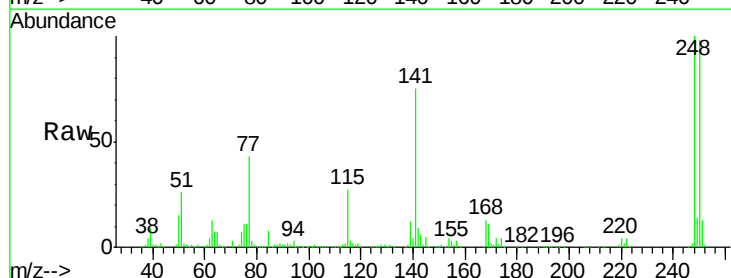
Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-115MSD

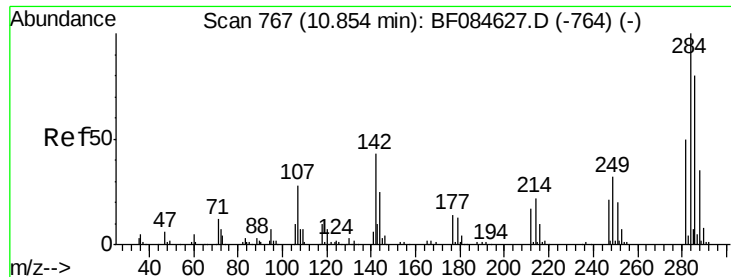
Tgt Ion:169 Resp: 941120
Ion Ratio Lower Upper
169 100
168 69.3 55.1 82.7
167 38.2 30.0 45.0



#66
4-Bromophenyl-phenylether
Concen: 49.42 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF084676.D
Acq: 30 Jan 2016 10:41

Tgt Ion:248 Resp: 325846
Ion Ratio Lower Upper
248 100
250 97.8 78.4 117.6
141 75.2 44.0 66.0#





#67

Hexachlorobenzene

Concen: 44.51 ng

RT: 10.85 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF084676.D

Acq: 30 Jan 2016 10:41

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MSD

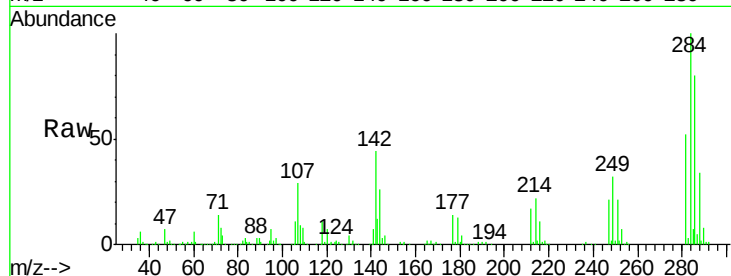
Tgt Ion:284 Resp: 319232

Ion Ratio Lower Upper

284 100

142 44.1 22.2 33.4#

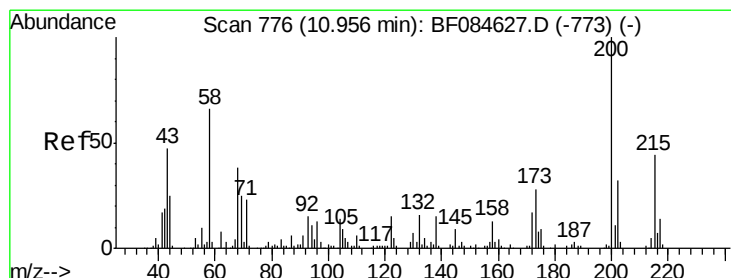
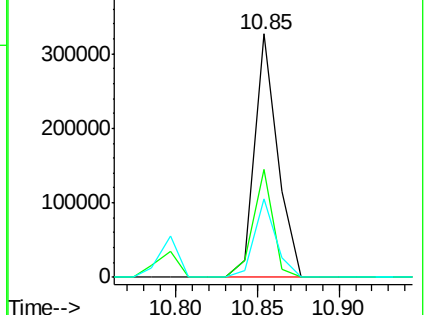
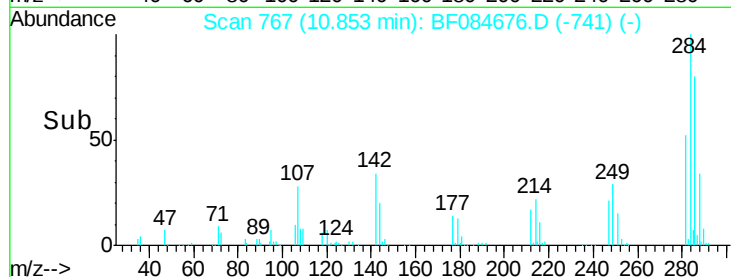
249 32.2 24.6 37.0



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: 49.16 ng

RT: 10.96 min Scan# 776

Delta R.T. -0.00 min

Lab File: BF084676.D

Acq: 30 Jan 2016 10:41

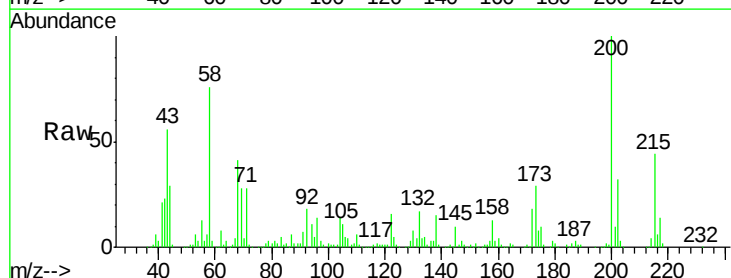
Tgt Ion:200 Resp: 279621

Ion Ratio Lower Upper

200 100

173 28.8 9.5 49.5

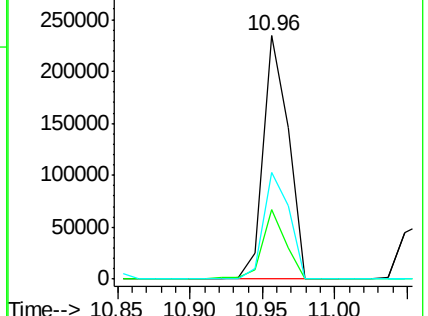
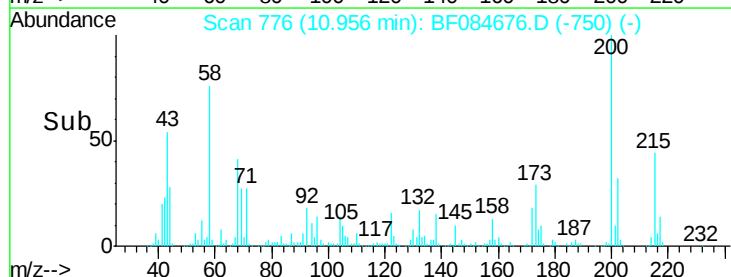
215 44.0 23.8 63.8

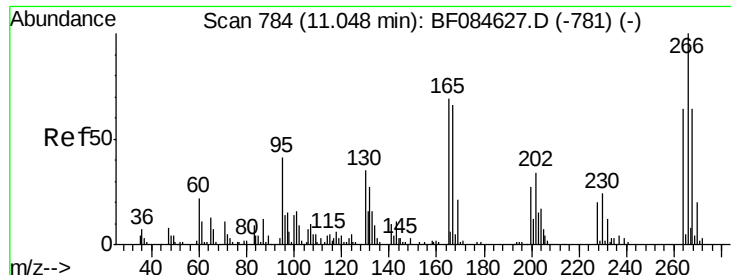


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

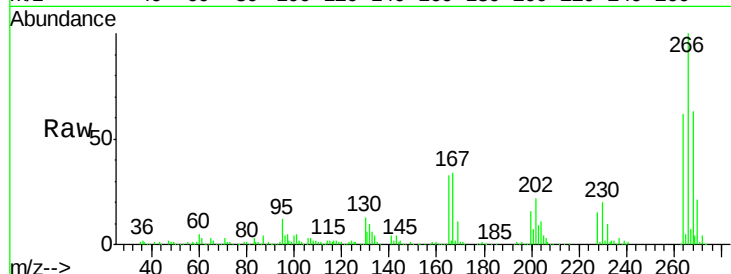




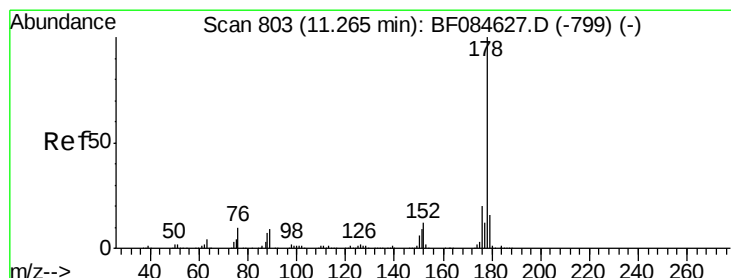
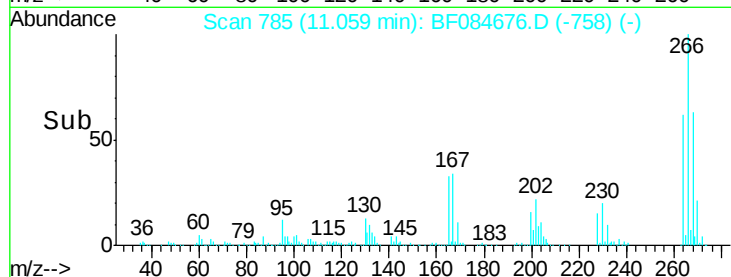
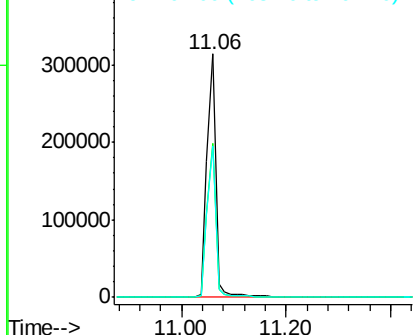
#69
 Pentachlorophenol
 Concen: 107.78 ng
 RT: 11.06 min Scan# 785
 Delta R.T. 0.01 min
 Lab File: BF084676.D
 Acq: 30 Jan 2016 10:41

Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-115MSD

Tgt Ion:266 Resp: 373501
 Ion Ratio Lower Upper
 266 100
 268 63.2 52.4 78.6
 264 62.3 50.2 75.2

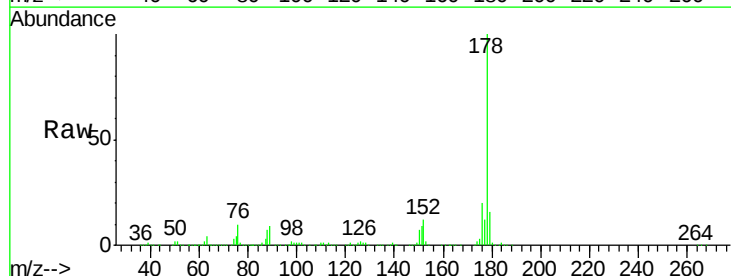


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

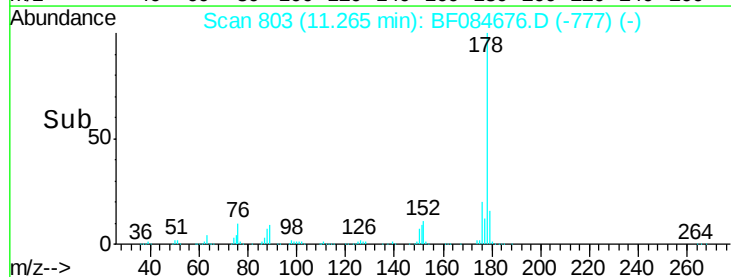
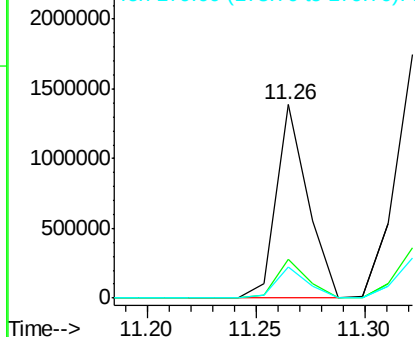


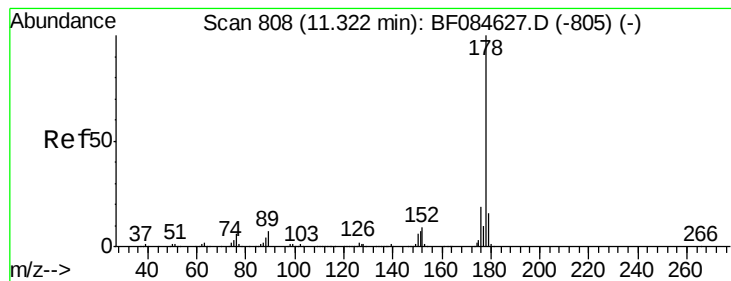
#70
 Phenanthrene
 Concen: 43.61 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF084676.D
 Acq: 30 Jan 2016 10:41

Tgt Ion:178 Resp: 1411877
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.3 22.9
 179 16.0 12.0 18.0



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: 48.70 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF084676.D

Acq: 30 Jan 2016 10:41

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MSD

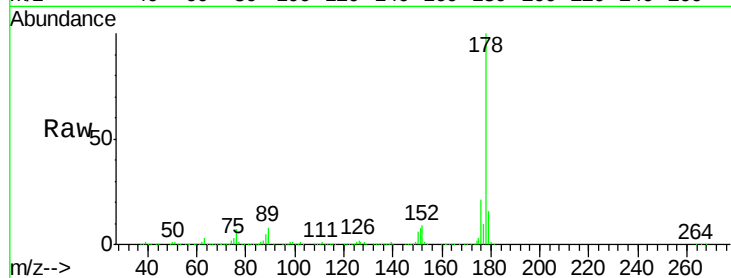
Tgt Ion:178 Resp: 1603014

Ion Ratio Lower Upper

178 100

176 20.6 15.4 23.0

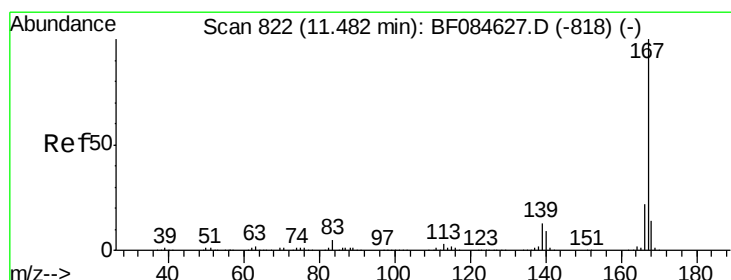
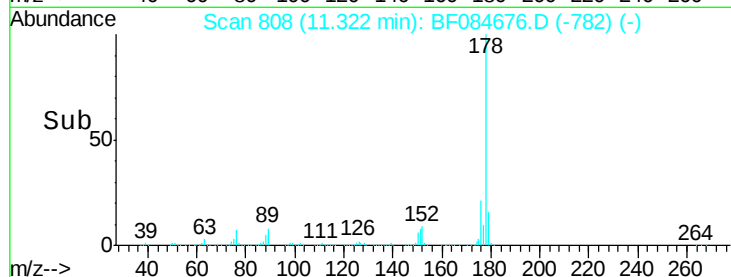
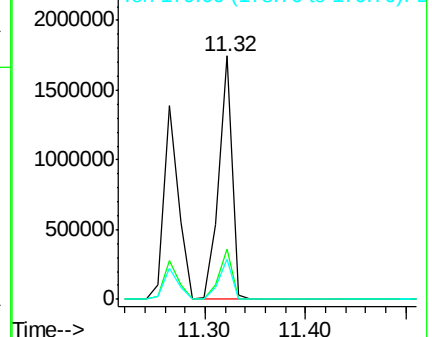
179 16.4 12.5 18.7



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



#72

Carbazole

Concen: 51.91 ng

RT: 11.48 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF084676.D

Acq: 30 Jan 2016 10:41

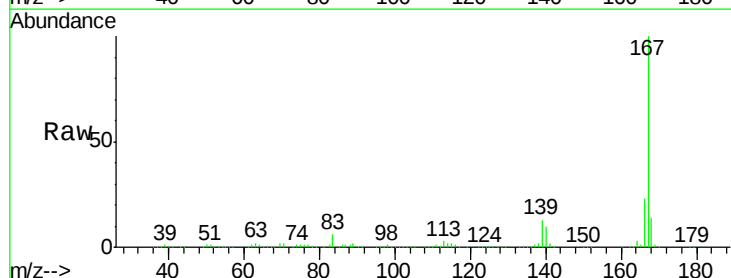
Tgt Ion:167 Resp: 1472553

Ion Ratio Lower Upper

167 100

166 22.6 17.6 26.4

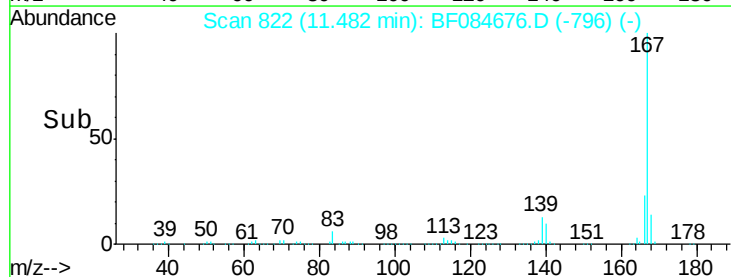
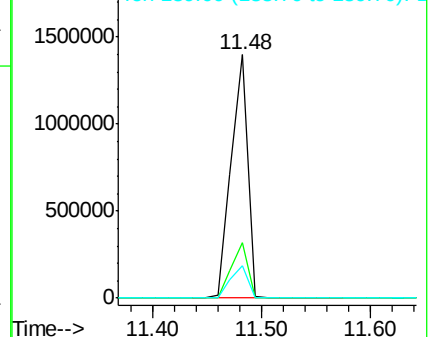
139 13.3 11.8 17.8

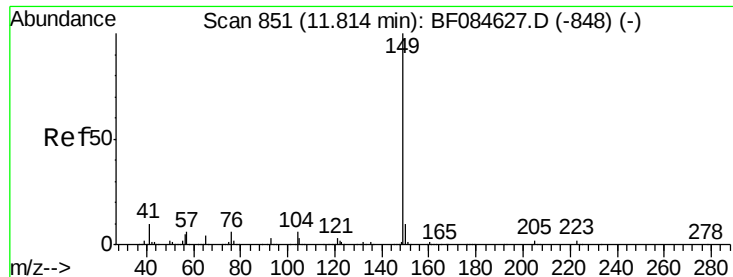


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.50 ng

RT: 11.81 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF084676.D

Acq: 30 Jan 2016 10:41

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MSD

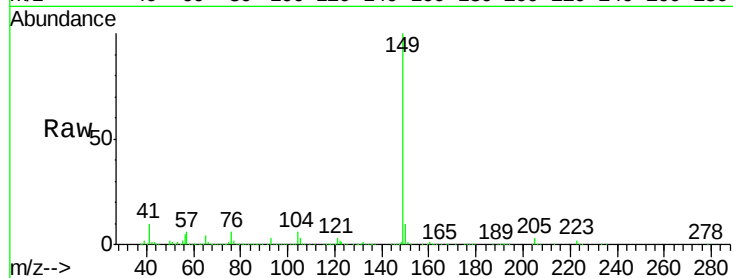
Tgt Ion:149 Resp: 1569909

Ion Ratio Lower Upper

149 100

150 9.8 7.1 10.7

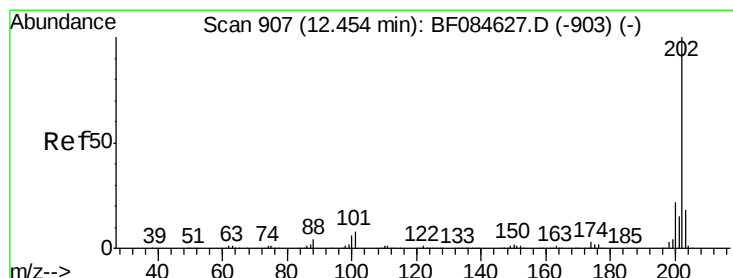
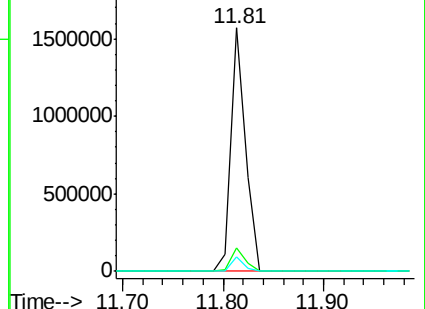
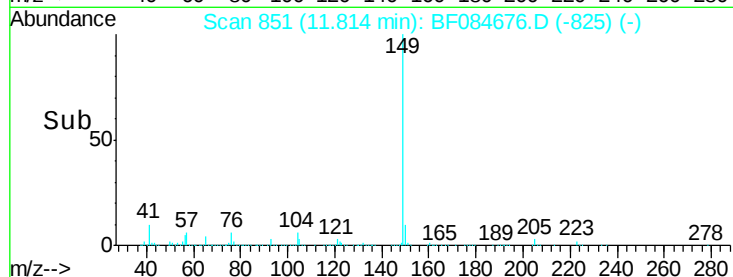
104 6.0 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.02 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF084676.D

Acq: 30 Jan 2016 10:41

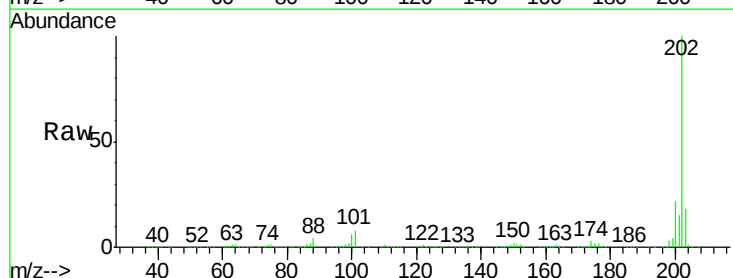
Tgt Ion:202 Resp: 1536973

Ion Ratio Lower Upper

202 100

101 8.2 0.0 32.8

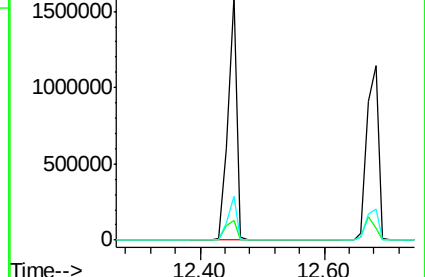
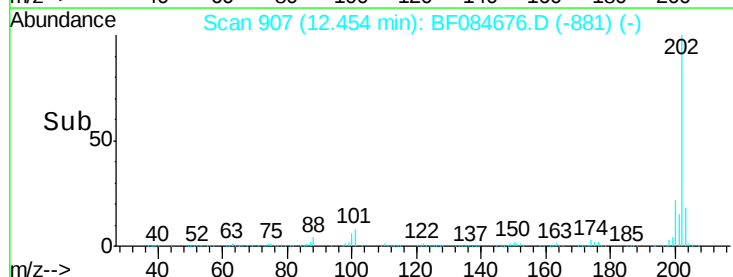
203 18.3 0.0 37.9

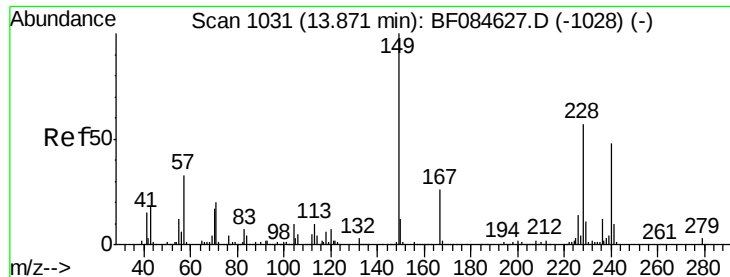


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF084676.D

Acq: 30 Jan 2016 10:41

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MSD

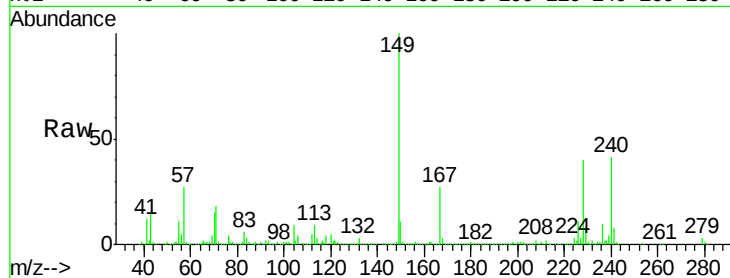
Tgt Ion:240 Resp: 338526

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

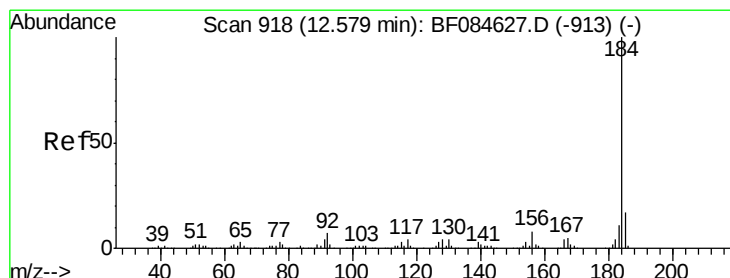
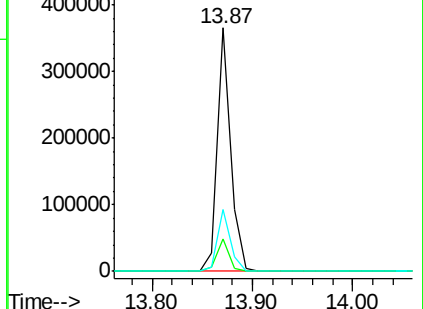
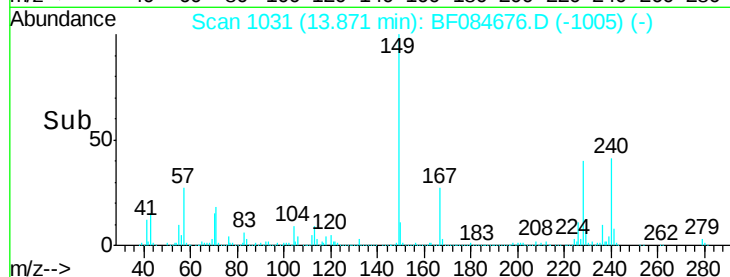
236 25.5 20.6 31.0



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: 53.11 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF084676.D

Acq: 30 Jan 2016 10:41

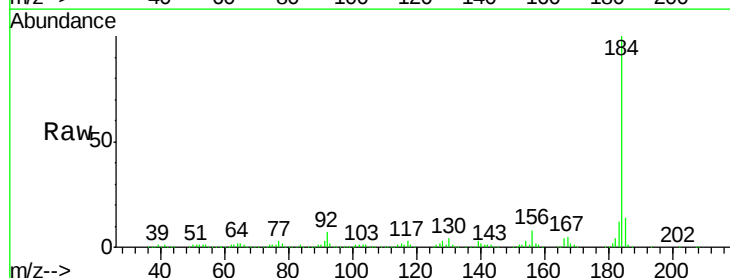
Tgt Ion:184 Resp: 683749

Ion Ratio Lower Upper

184 100

185 14.5 12.2 18.2

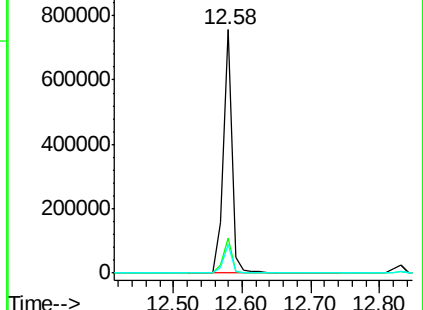
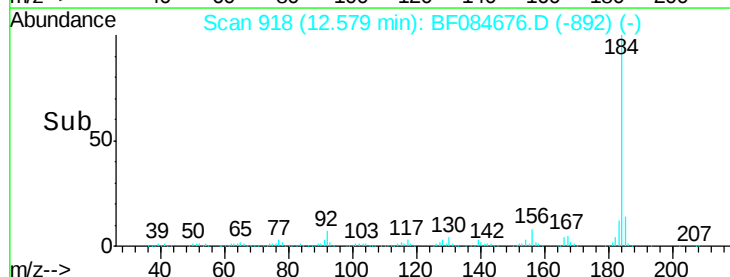
183 11.5 9.8 14.8

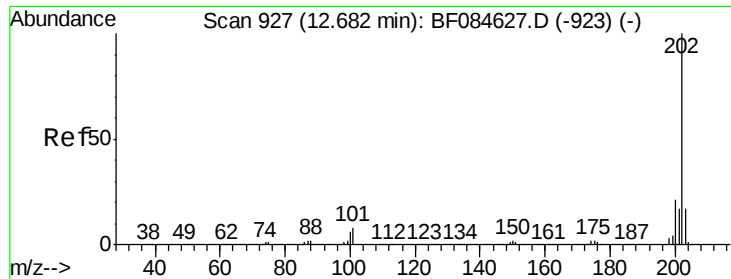


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



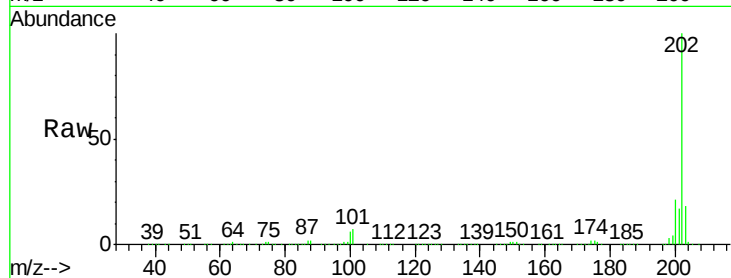


#77
 Pyrene
 Concen: 57.00 ng
 RT: 12.68 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF084676.D
 Acq: 30 Jan 2016 10:41

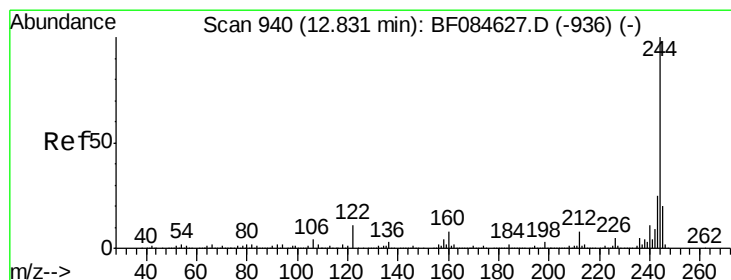
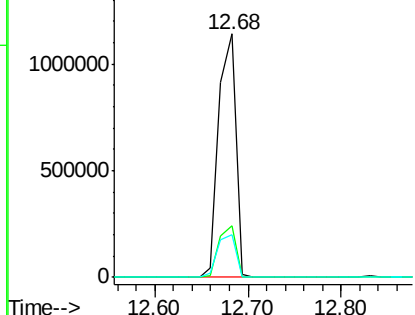
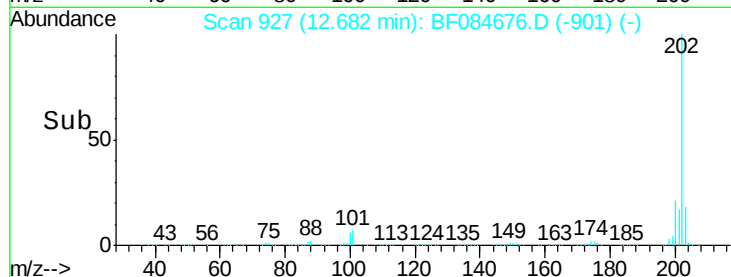
Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-115MSD

Tgt Ion: 202 Resp: 1455309

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.2	25.8
203	17.7	14.3	21.5



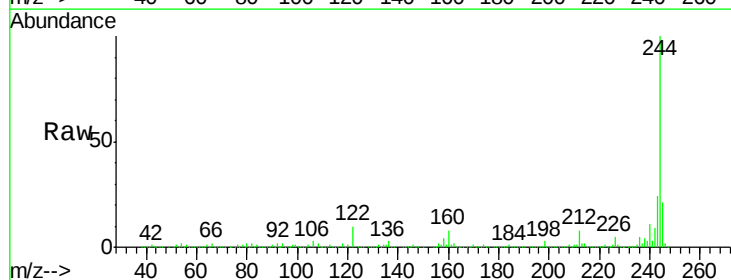
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



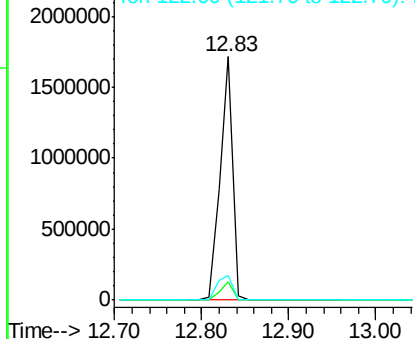
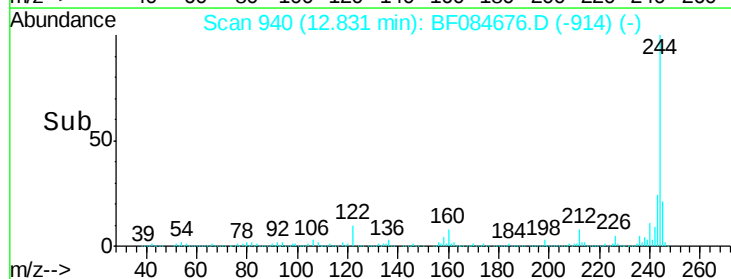
#78
 Terphenyl-d14
 Concen: 117.28 ng
 RT: 12.83 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF084676.D
 Acq: 30 Jan 2016 10:41

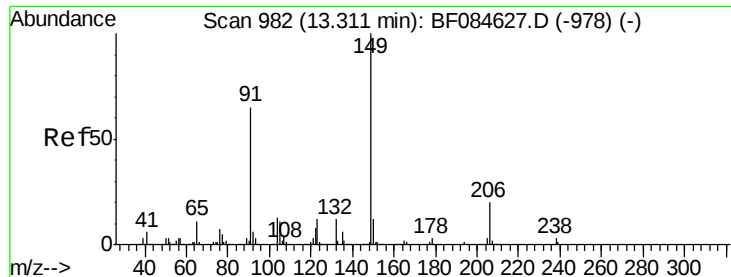
Tgt Ion: 244 Resp: 1757836

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	10.3	7.4	11.0



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

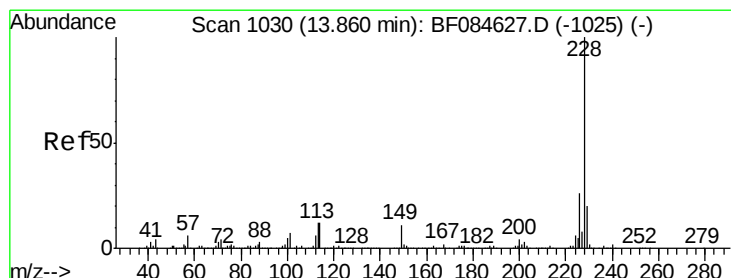
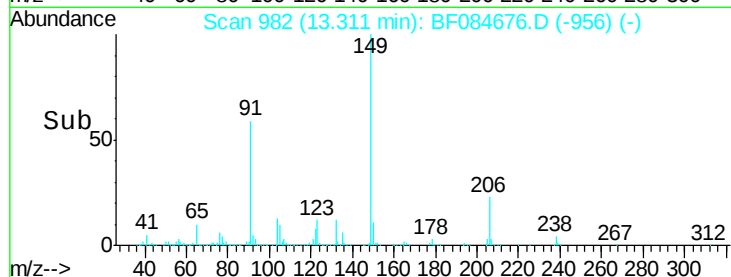
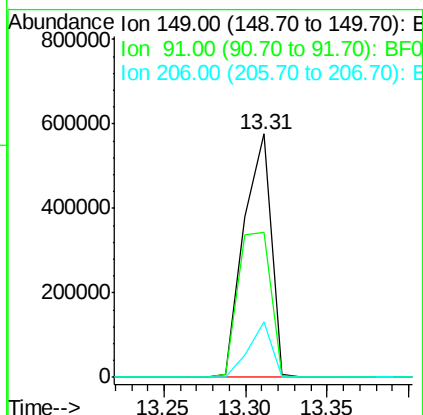
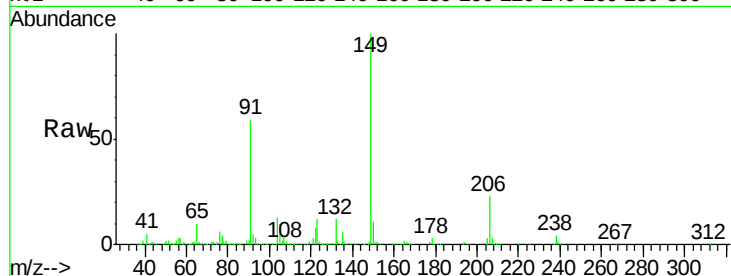




#79
Butylbenzylphthalate
Concen: 60.93 ng
RT: 13.31 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF084676.D
Acq: 30 Jan 2016 10:41

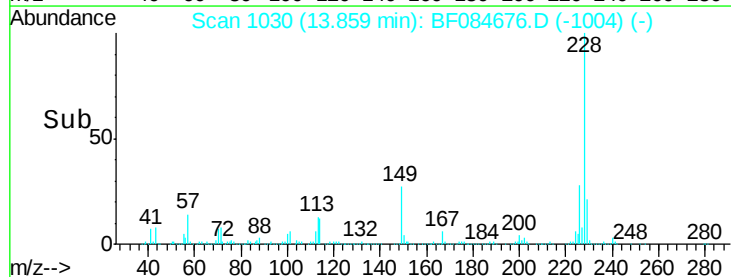
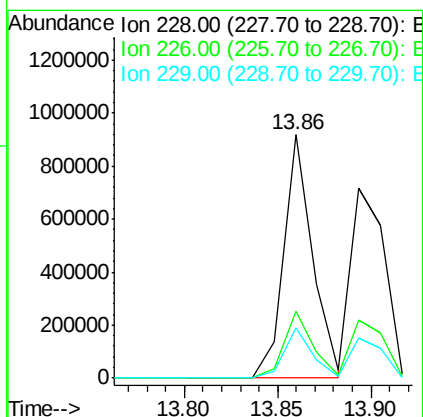
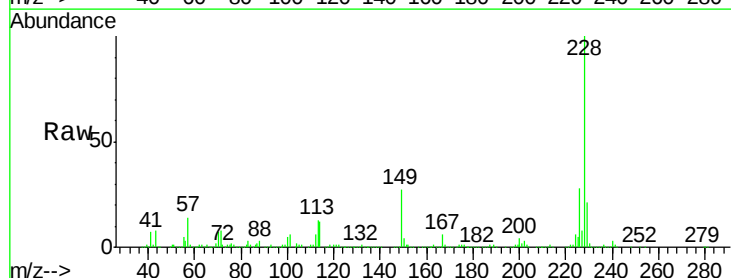
Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-115MSD

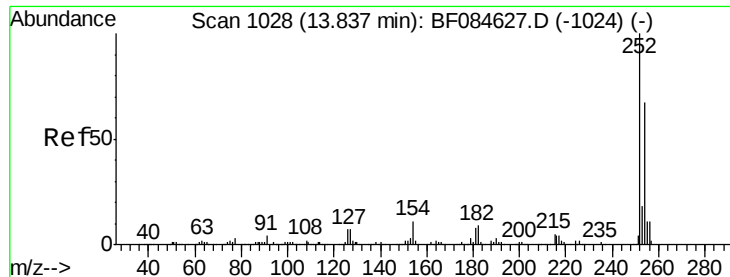
Tgt Ion:149 Resp: 664594
Ion Ratio Lower Upper
149 100
91 59.4 57.6 86.4
206 22.5 13.2 19.8#



#80
Benzo(a)anthracene
Concen: 46.92 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF084676.D
Acq: 30 Jan 2016 10:41

Tgt Ion:228 Resp: 990127
Ion Ratio Lower Upper
228 100
226 27.8 21.8 32.6
229 20.6 15.8 23.8

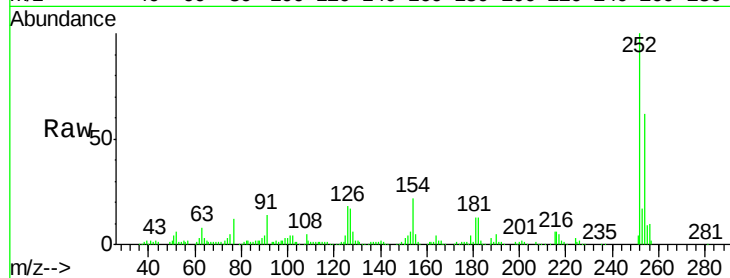




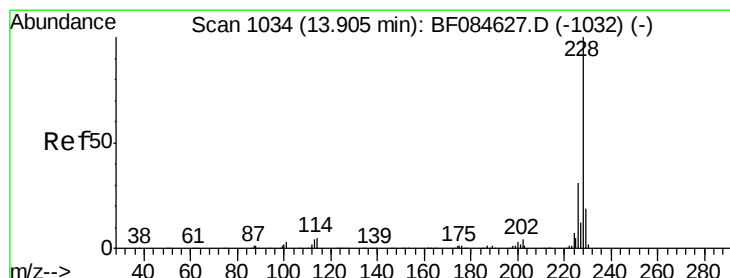
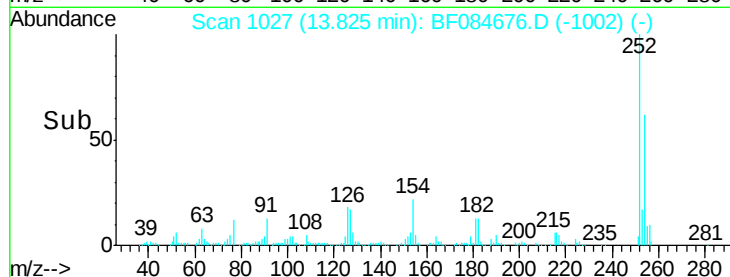
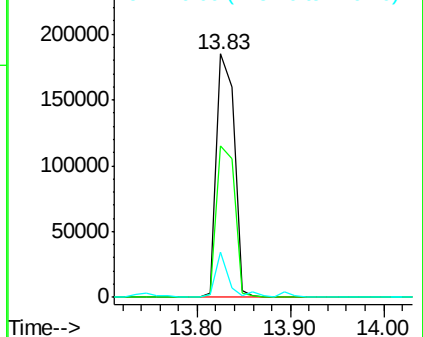
#81
 3,3'-Dichlorobenzidine
 Concen: 33.06 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BF084676.D
 Acq: 30 Jan 2016 10:41

Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-115MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.9	53.5	80.3
126	18.3	4.9	7.3#

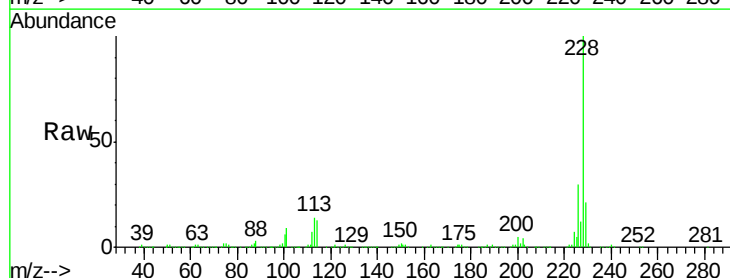


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

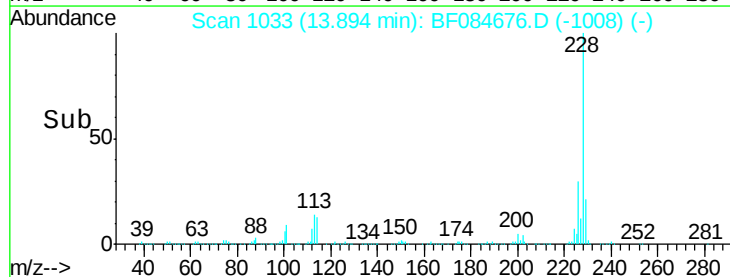
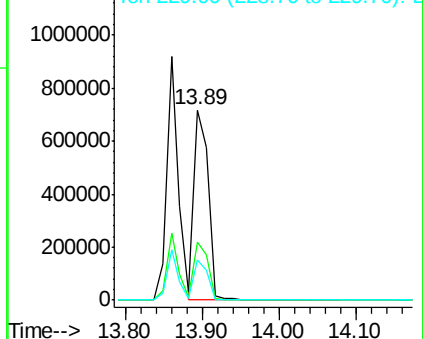


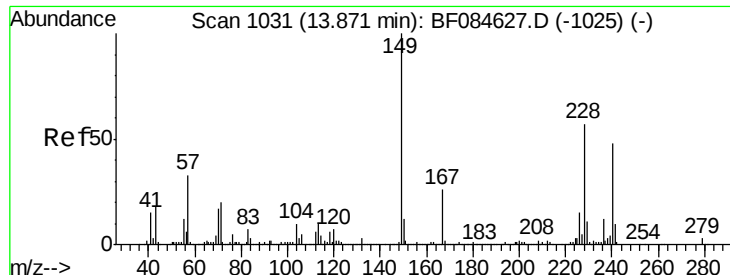
#82
 Chrysene
 Concen: 43.78 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF084676.D
 Acq: 30 Jan 2016 10:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.3	36.5
229	20.9	16.1	24.1



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 58.09 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF084676.D

Acq: 30 Jan 2016 10:41

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MSD

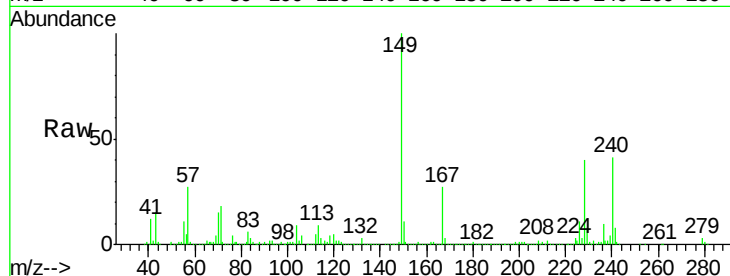
Tgt Ion:149 Resp: 821917

Ion Ratio Lower Upper

149 100

167 26.9 19.7 29.5

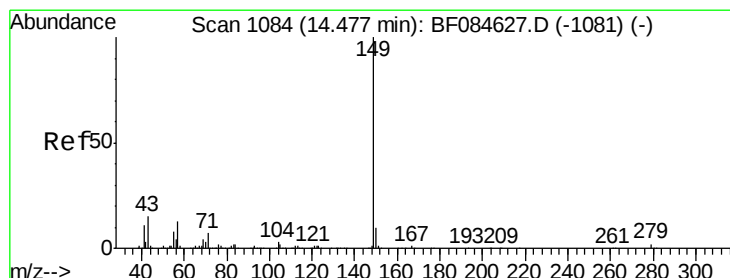
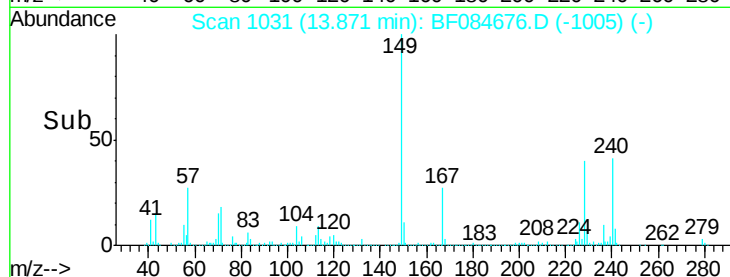
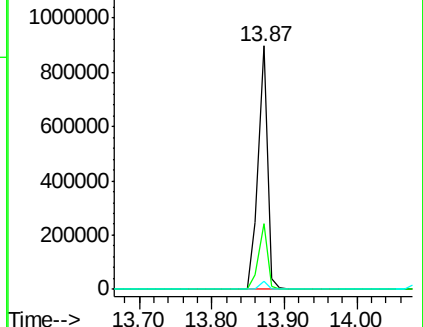
279 3.2 1.8 2.6#



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: 53.26 ng

RT: 14.48 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BF084676.D

Acq: 30 Jan 2016 10:41

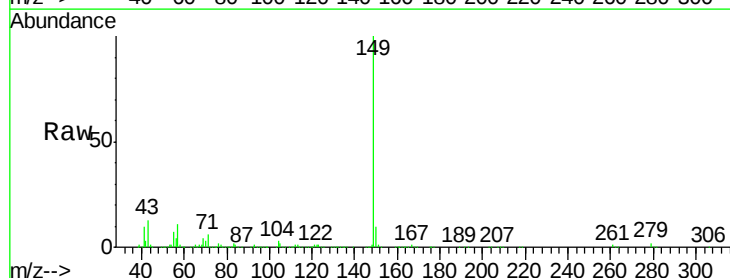
Tgt Ion:149 Resp: 1190630

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

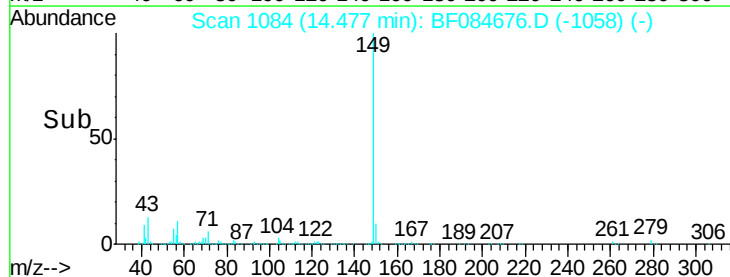
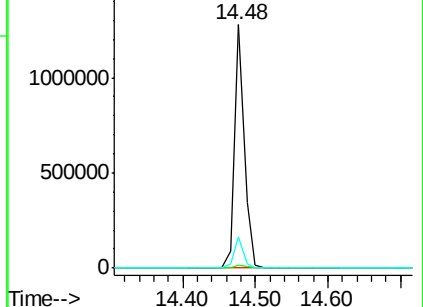
43 12.1 5.6 8.4#

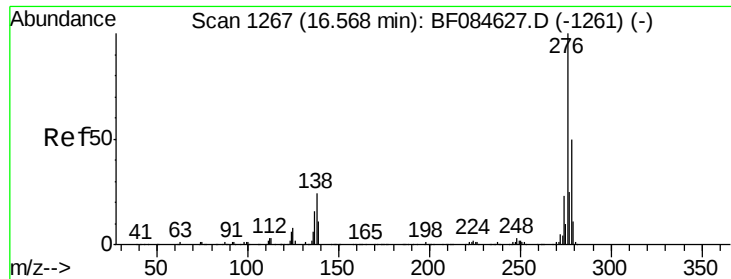


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

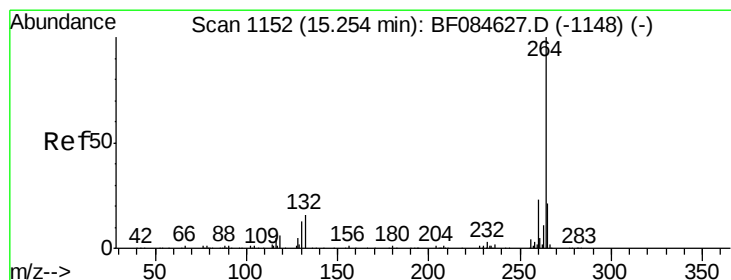
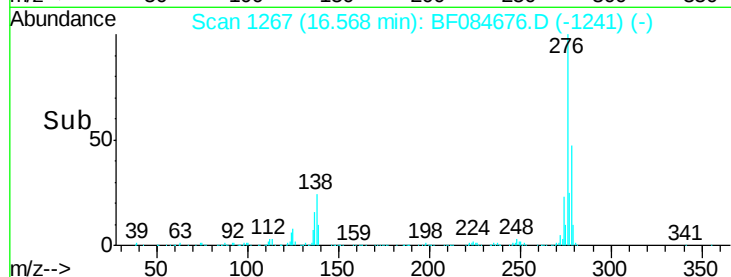
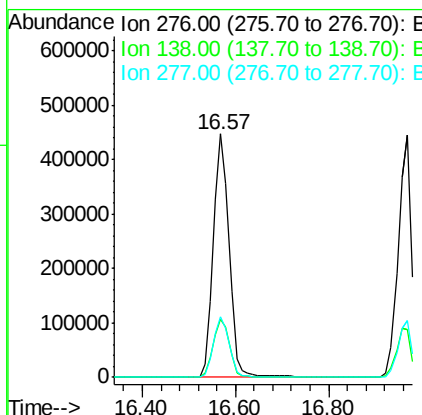
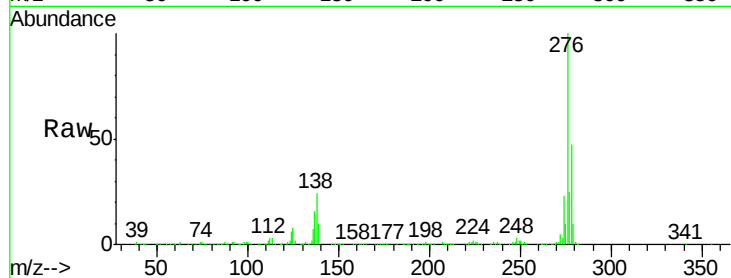




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 57.68 ng
 RT: 16.57 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: BF084676.D
 Acq: 30 Jan 2016 10:41

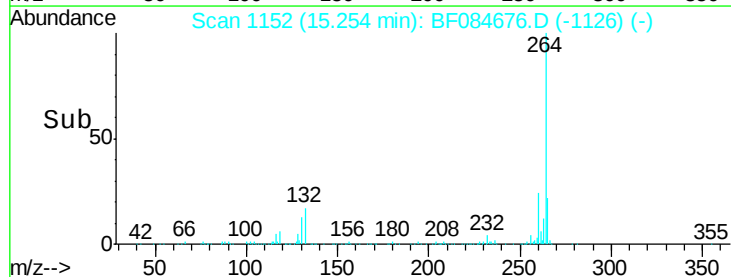
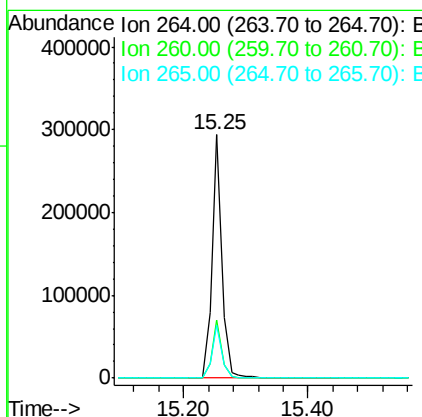
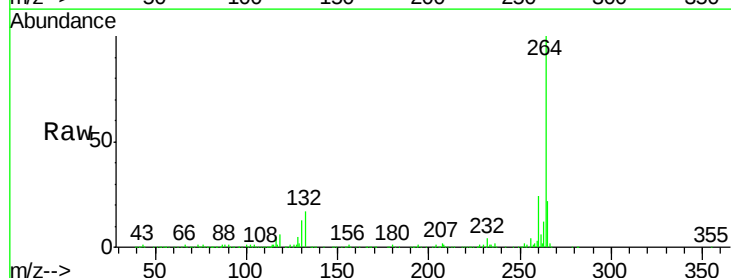
Instrument :
 BNA_F
 ClientSampleId :
 WESTWALL-UST-115MSD

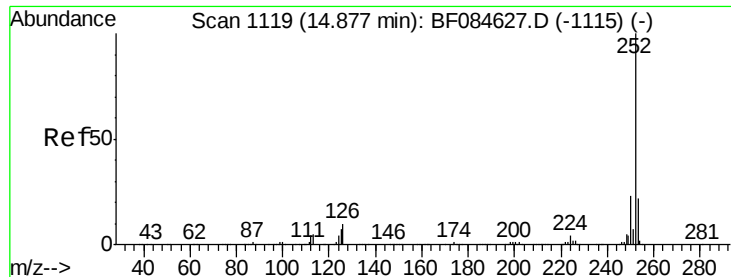
Tgt Ion:276 Resp: 1060715
 Ion Ratio Lower Upper
 276 100
 138 24.9 20.6 30.8
 277 24.9 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.25 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF084676.D
 Acq: 30 Jan 2016 10:41

Tgt Ion:264 Resp: 319183
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.5 17.8 26.6

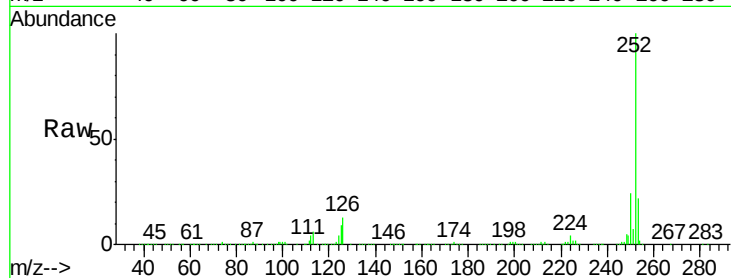




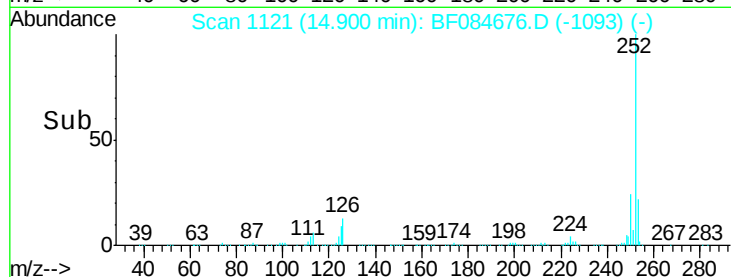
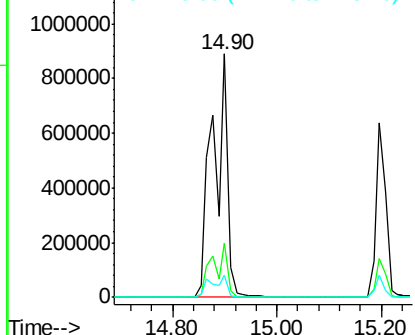
#87
Benzo(b)fluoranthene
Concen: 85.39 ng
RT: 14.90 min Scan# 1121
Delta R.T. 0.02 min
Lab File: BF084676.D
Acq: 30 Jan 2016 10:41

Instrument :
BNA_F
ClientSampleId :
WESTWALL-UST-115MSD

Tgt Ion:252 Resp: 1764816
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 8.9 6.5 9.7

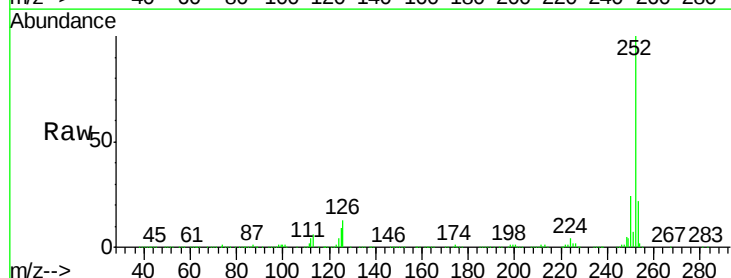
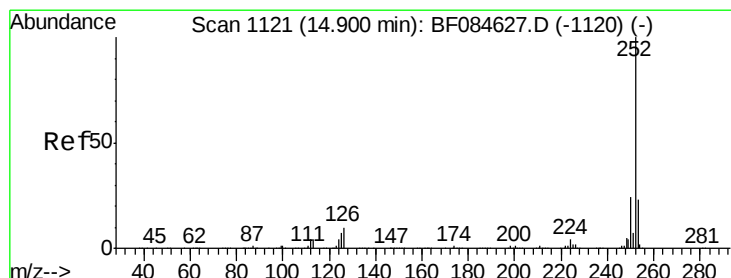


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

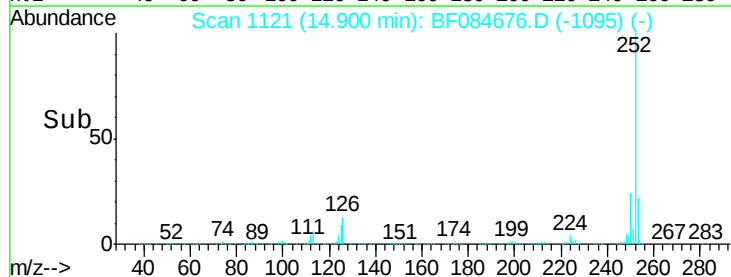
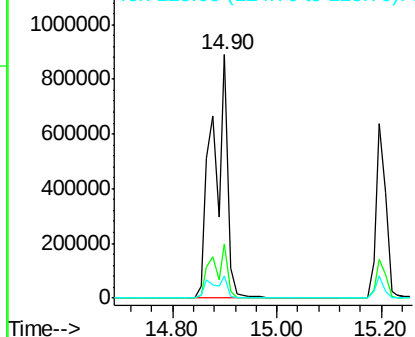


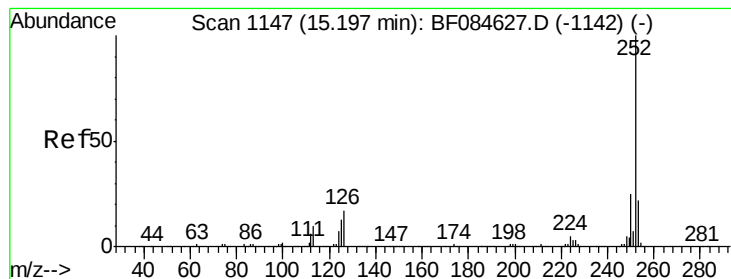
#88
Benzo(k)fluoranthene
Concen: 103.38 ng
RT: 14.90 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BF084676.D
Acq: 30 Jan 2016 10:41

Tgt Ion:252 Resp: 1764816
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 8.9 9.0 13.6#



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: 46.47 ng

RT: 15.20 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BF084676.D

Acq: 30 Jan 2016 10:41

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MSD

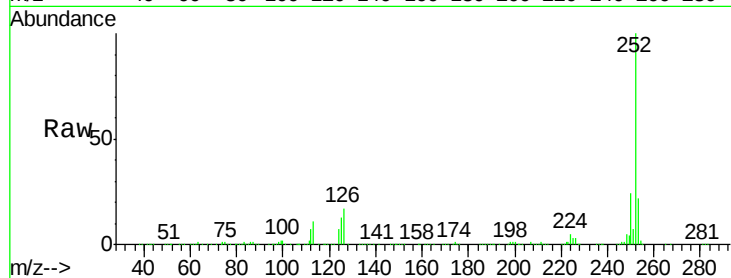
Tgt Ion:252 Resp: 830864

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

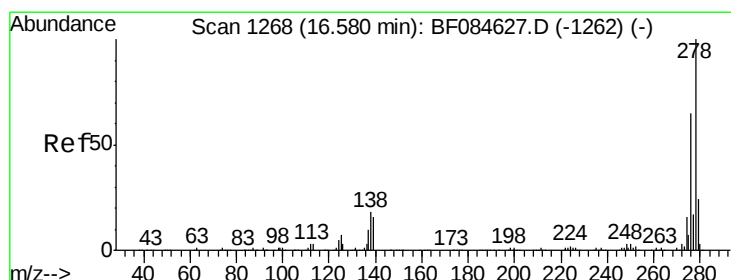
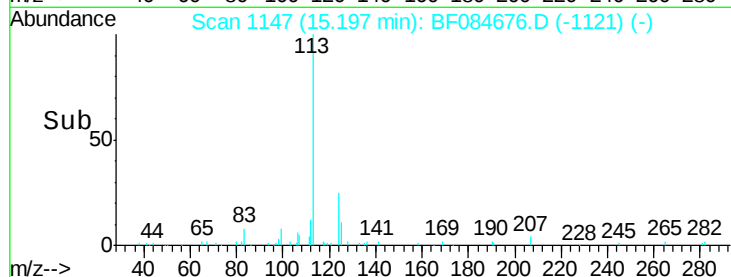
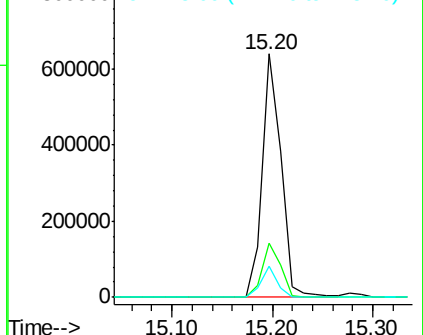
125 12.7 7.0 10.4#



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



#90

Dibenzo(a,h)anthracene

Concen: 54.71 ng

RT: 16.58 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BF084676.D

Acq: 30 Jan 2016 10:41

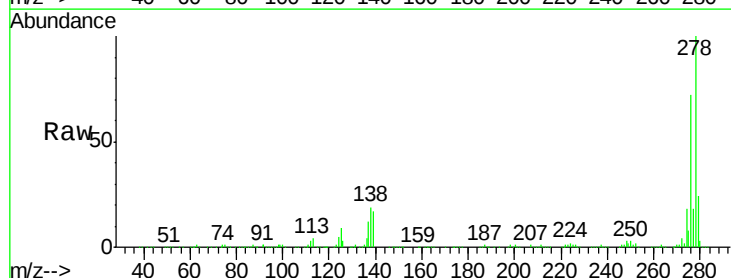
Tgt Ion:278 Resp: 881487

Ion Ratio Lower Upper

278 100

139 16.8 15.0 22.4

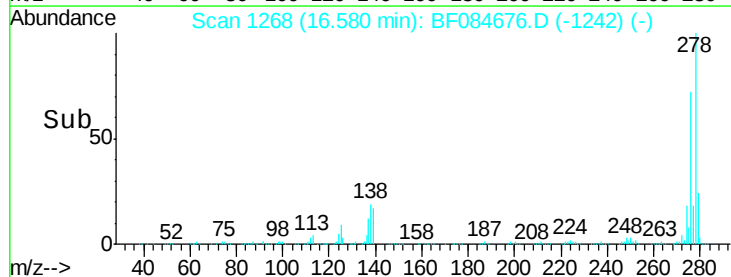
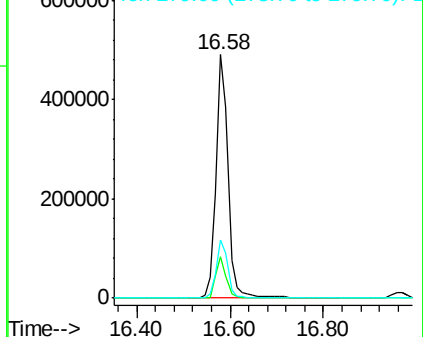
279 23.7 18.9 28.3

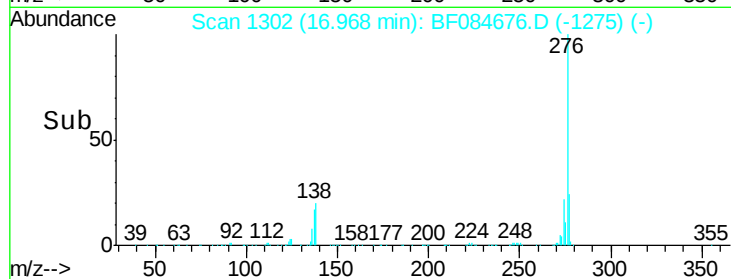
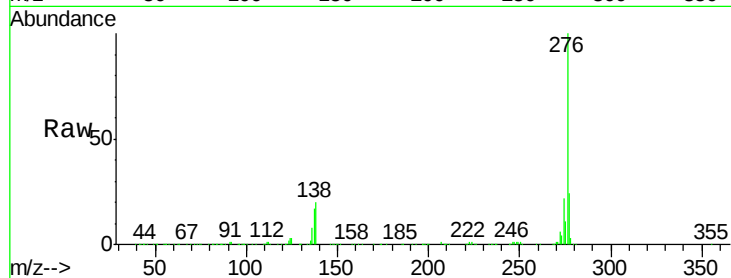
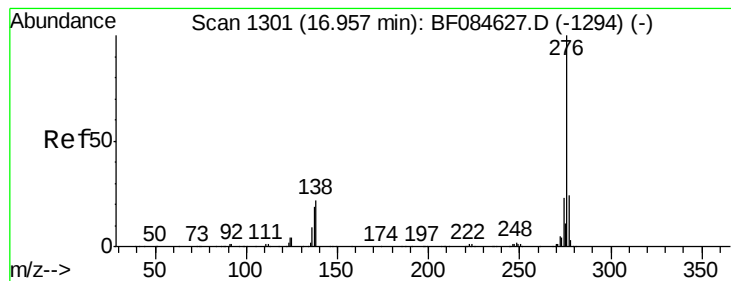


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 55.82 ng

RT: 16.97 min Scan# 1302

Delta R.T. 0.01 min

Lab File: BF084676.D

Acq: 30 Jan 2016 10:41

Instrument :

BNA_F

ClientSampleId :

WESTWALL-UST-115MSD

Tgt Ion: 276 Resp: 908110

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 19.9 17.8 26.6

