

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
 Data File : BF082420.D
 Acq On : 21 Oct 2015 22:51
 Operator : UM/IZ
 Sample : G4071-03MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B11-WASTE-CHAR.-2MS

Quant Time: Oct 22 10:52:08 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	118746	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	462611	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	243159	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	449424	20.00	ng	0.00
75) Chrysene-d12	13.97	240	377896	20.00	ng	-0.05
86) Perylene-d12	15.44	264	284026	20.00	ng	-0.09

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	680568	115.67	ng	0.02
7) Phenol-d6	6.42	99	865160	112.99	ng	0.00
23) Nitrobenzene-d5	7.35	82	659410	95.72	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	266000	116.65	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1318987	89.96	ng	0.00
78) Terphenyl-d14	12.89	244	1146960	80.43	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.51	88	93240	31.54	ng	# 85
3) Pyridine	3.19	79	133242	19.38	ng	97
4) n-Nitrosodimethylamine	3.12	42	103738	35.58	ng	93
6) Aniline	6.43	93	148623	15.06	ng	# 1
8) 2-Chlorophenol	6.56	128	286916	39.95	ng	92
9) Benzaldehyde	6.32	77	51886	13.27	ng	99
10) Phenol	6.43	94	323611	36.66	ng	100
11) bis(2-Chloroethyl)ether	6.51	93	283461	37.97	ng	94
12) 1,3-Dichlorobenzene	6.71	146	312690	37.38	ng	99
13) 1,4-Dichlorobenzene	6.79	146	331715	37.97	ng	98
14) 1,2-Dichlorobenzene	6.94	146	292615	35.28	ng	98
15) Benzyl Alcohol	6.93	79	230552	43.62	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	394722	37.97	ng	78
17) 2-Methylphenol	7.04	107	221717	39.04	ng	96
18) Hexachloroethane	7.28	117	110624	37.00	ng	# 87
19) n-Nitroso-di-n-propylamine	7.20	70	204127	37.96	ng	97
20) 3+4-Methylphenols	7.20	107	277060	40.94	ng	# 74
22) Acetophenone	7.19	105	393924	43.05	ng	# 92
24) Nitrobenzene	7.36	77	273628	36.70	ng	98
25) Isophorone	7.60	82	562844	40.48	ng	100
26) 2-Nitrophenol	7.68	139	165163	44.36	ng	95
27) 2,4-Dimethylphenol	7.73	122	271655	45.29	ng	96
28) bis(2-Chloroethoxy)methane	7.82	93	358898	44.36	ng	99
29) 2,4-Dichlorophenol	7.93	162	260298	43.41	ng	94
30) 1,2,4-Trichlorobenzene	8.00	180	277184	40.10	ng	98
31) Naphthalene	8.08	128	814956	40.64	ng	100
32) Benzoic acid	7.87	122	149625	37.17	ng	96
33) 4-Chloroaniline	8.14	127	117762	14.14	ng	99
34) Hexachlorobutadiene	8.19	225	164710	38.24	ng	99
35) Caprolactam	8.51	113	38143	21.92	ng	# 78
36) 4-Chloro-3-methylphenol	8.63	107	258889	44.15	ng	99
37) 2-Methylnaphthalene	8.78	142	620721	44.65	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	281347	38.90	ng	97
40) Hexachlorocyclopentadiene	8.93	237	209739	59.67	ng	97

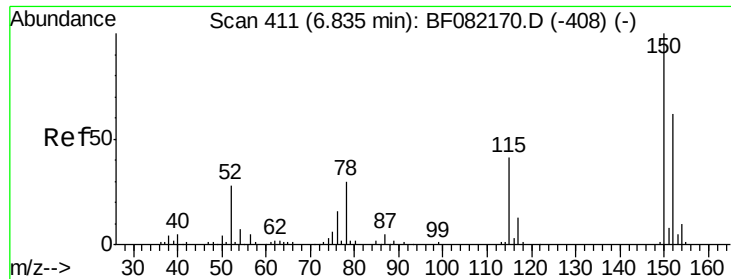
Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
 Data File : BF082420.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	194812	40.55	nq	99
43) 2,4,5-Trichlorophenol	9.11	196	201905	38.80	nq	95
45) 1,1'-Biphenyl	9.25	154	736524	39.72	nq	95
46) 2-Chloronaphthalene	9.27	162	588628	40.33	nq	98
47) 2-Nitroaniline	9.37	65	173463	43.29	nq	# 82
48) Acenaphthylene	9.68	152	898722	39.52	nq	100
49) Dimethylphthalate	9.55	163	729475	42.60	nq	98
50) 2,6-Dinitrotoluene	9.61	165	137404	38.03	nq	# 73
51) Acenaphthene	9.85	154	526616	38.58	nq	99
52) 3-Nitroaniline	9.78	138	91415	22.40	nq	93
53) 2,4-Dinitrophenol	9.90	184	156159	77.56	nq	95
54) Dibenzofuran	10.02	168	747223	39.87	nq	98
55) 4-Nitrophenol	9.97	139	166685	64.20	nq	94
56) 2,4-Dinitrotoluene	10.02	165	201750	44.68	nq	94
57) Fluorene	10.37	166	614729	39.94	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	171586	40.36	nq	96
59) Diethylphthalate	10.25	149	736490	46.14	nq	98
60) 4-Chlorophenyl-phenylether	10.35	204	288493	40.92	nq	96
61) 4-Nitroaniline	10.41	138	150526	38.03	nq	93
62) Azobenzene	10.51	77	645397	41.32	nq	98
64) 4,6-Dinitro-2-methylphenol	10.43	198	106179	42.10	nq	85
65) n-Nitrosodiphenylamine	10.48	169	536524	39.87	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	179160	39.83	nq	# 88
67) Hexachlorobenzene	10.91	284	202811	41.69	nq	# 87
68) Atrazine	11.02	200	194946	45.73	nq	99
69) Pentachlorophenol	11.11	266	190421	76.08	nq	97
70) Phenanthrene	11.33	178	865374	39.28	nq	99
71) Anthracene	11.38	178	1004365	44.25	nq	99
72) Carbazole	11.54	167	870993	42.06	nq	99
73) Di-n-butylphthalate	11.88	149	1088453	42.61	nq	# 98
74) Fluoranthene	12.52	202	929426	39.28	nq	96
76) Benzidine	12.65	184	88716	8.10	nq	98
77) Pyrene	12.74	202	925333	41.26	nq	99
79) Butylbenzylphthalate	13.37	149	448866	43.86	nq	100
80) Benzo(a)anthracene	13.96	228	785253	39.94	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	184755	24.76	nq	98
82) Chrysene	14.00	228	807568	38.98	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	604511	41.40	nq	# 97
84) Di-n-octyl phthalate	14.61	149	1051600	41.94	nq	100
85) Indeno(1,2,3-cd)pyrene	16.85	276	601475	36.53	nq	98
87) Benzo(b)fluoranthene	15.04	252	665727	38.53	nq	99
88) Benzo(k)fluoranthene	15.04	252	665727	45.84	nq	99
89) Benzo(a)pyrene	15.40	252	618055	41.62	nq	# 96
90) Dibenzo(a,h)anthracene	16.86	278	514211	42.25	nq	98
91) Benzo(g,h,i)perylene	17.26	276	500257	42.31	nq	99

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

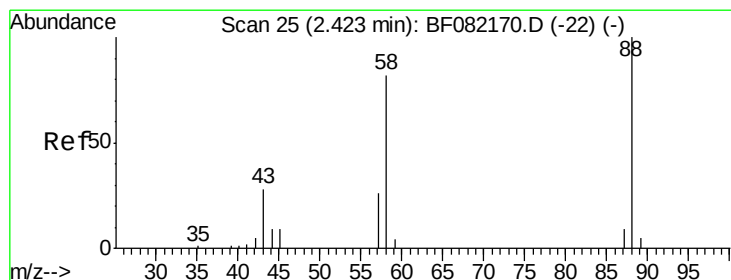
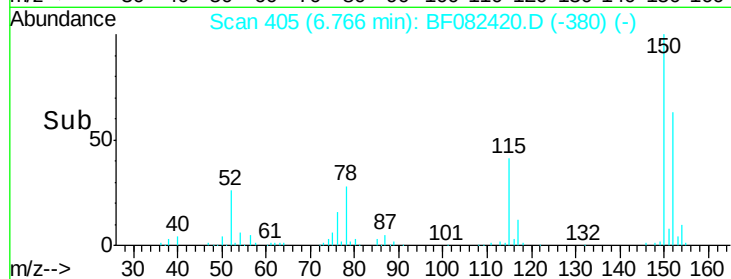
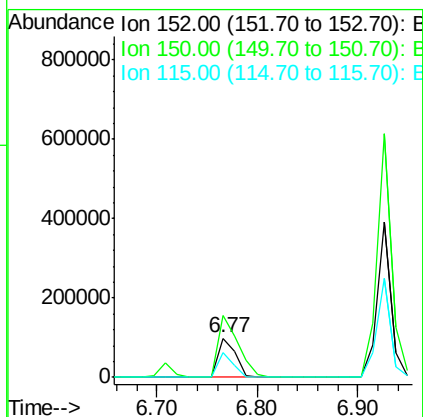
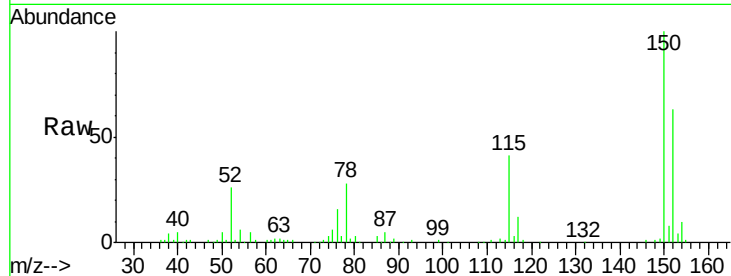


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF082420.D
Acq: 21 Oct 2015 22:51

Instrument :
BNA_F
ClientSampleId :
B11-WASTE-CHAR.-2MS

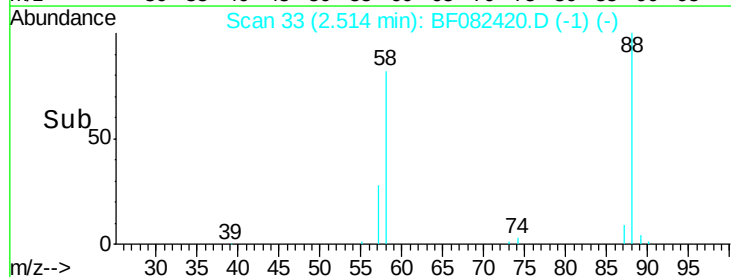
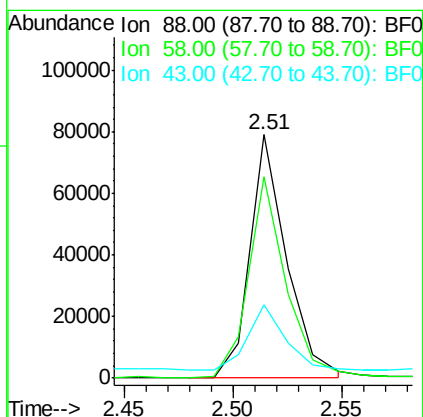
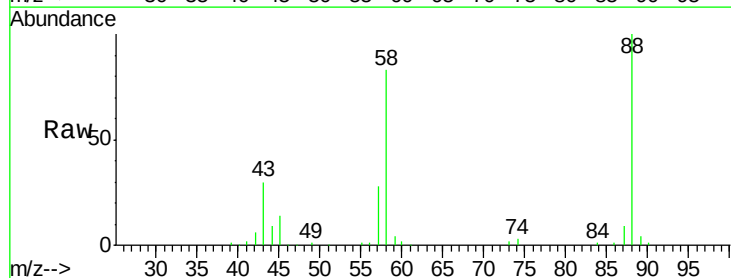
Tot Ion:152 Resp: 118746
Ion Ratio Lower Upper
152 100
150 157.6 129.0 193.4
115 64.5 52.1 78.1

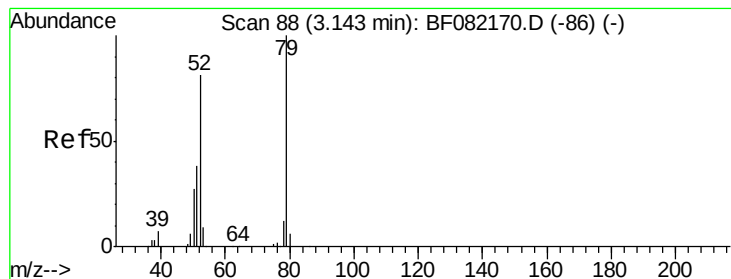


#2

1,4-Dioxane
Concen: 31.54 ng
RT: 2.51 min Scan# 33
Delta R.T. 0.22 min
Lab File: BF082420.D
Acq: 21 Oct 2015 22:51

Tgt Ion: 88 Resp: 93240
Ion Ratio Lower Upper
88 100
58 84.0 66.2 99.4
43 0.0 23.0 34.4#





#3

Pvridine

Concen: 19.38 ng

RT: 3.19 min Scan# 92

Delta R.T. 0.19 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MS

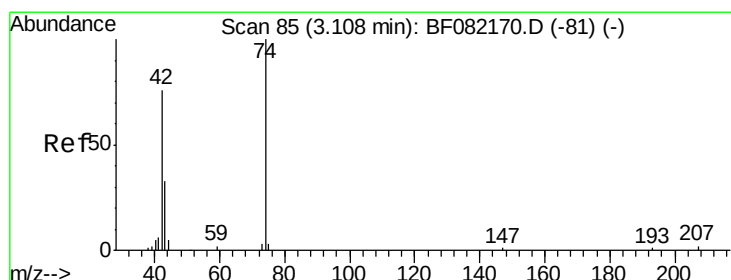
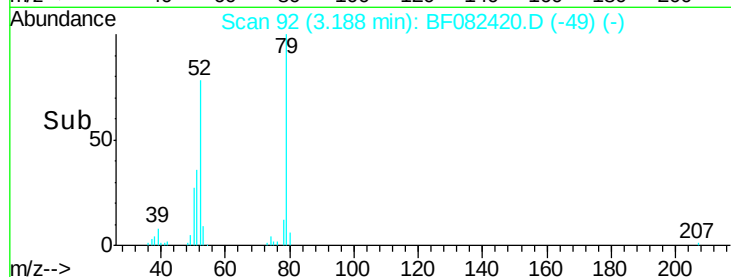
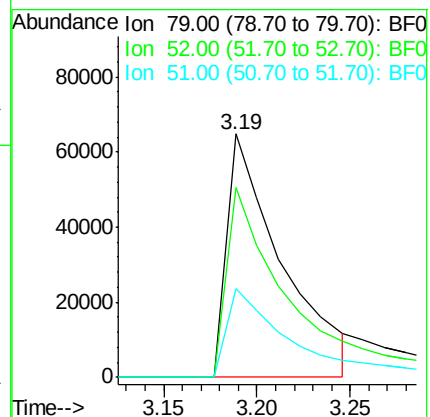
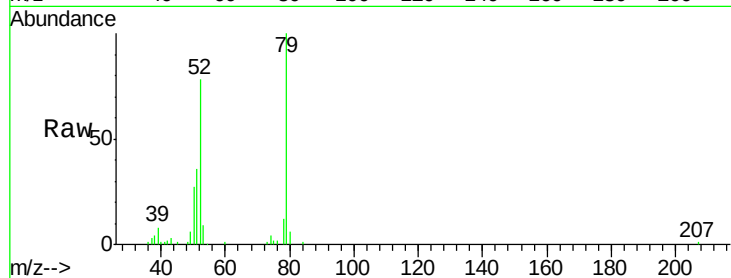
Tot Ion: 79 Resp: 133242

Ion Ratio Lower Upper

79 100

52 78.2 64.4 96.6

51 36.2 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 35.58 ng

RT: 3.12 min Scan# 86

Delta R.T. 0.15 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

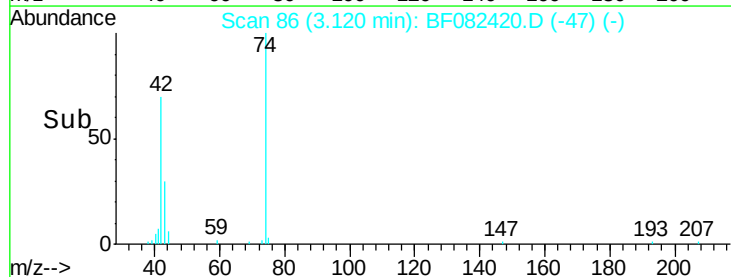
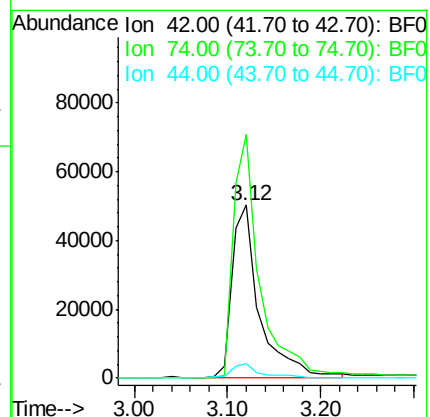
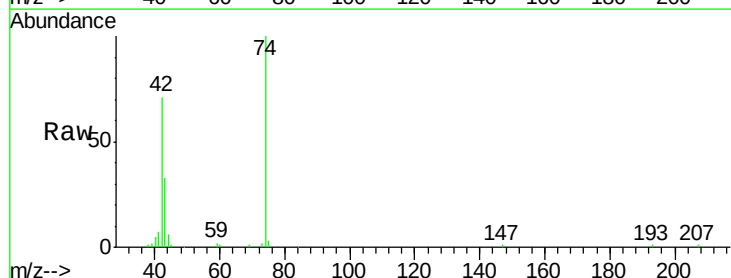
Tgt Ion: 42 Resp: 103738

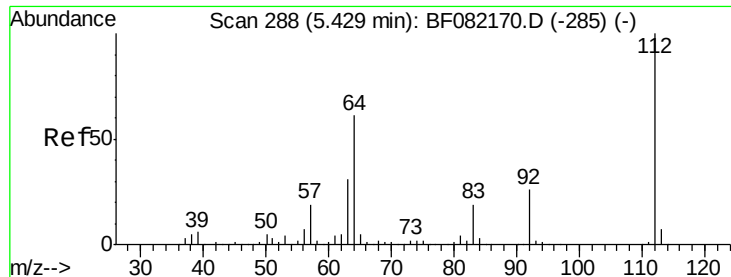
Ion Ratio Lower Upper

42 100

74 140.8 105.7 158.5

44 8.1 5.4 8.2





#5

2-Fluorophenol

Concen: 115.67 ng

RT: 5.38 min Scan# 284

Delta R.T. 0.02 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MS

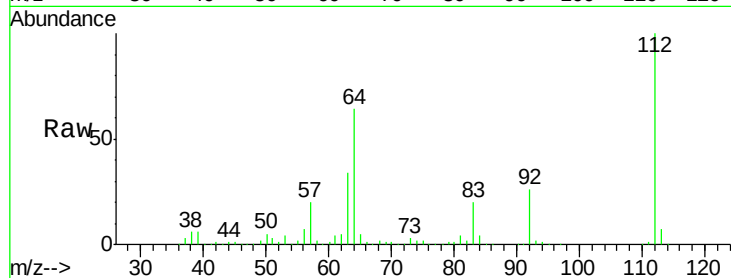
Tot Ion:112 Resp: 680568

Ion Ratio Lower Upper

112 100

64 64.1 48.6 73.0

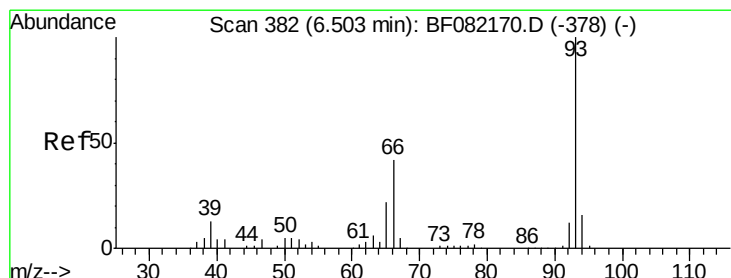
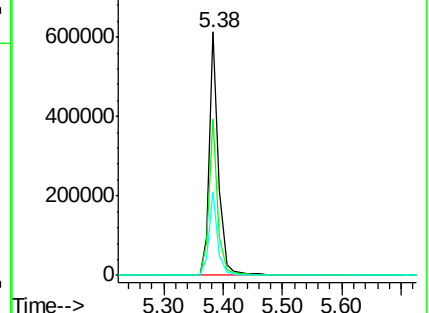
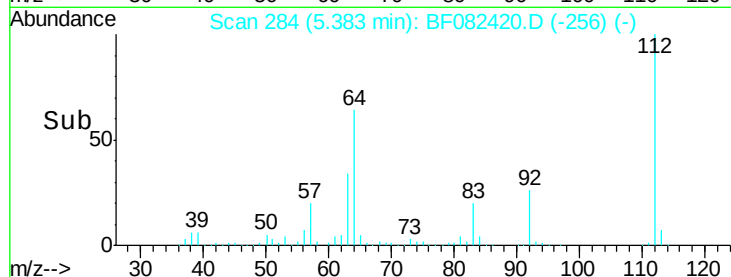
63 34.1 25.1 37.7



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: 15.06 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

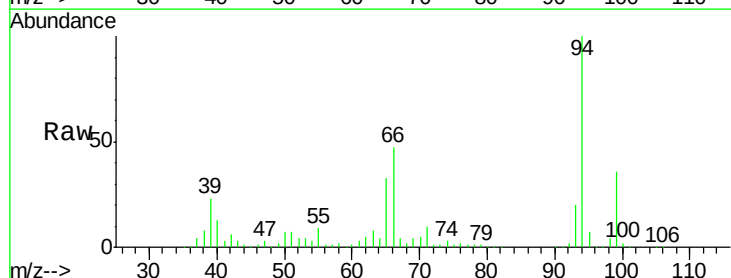
Tgt Ion: 93 Resp: 148623

Ion Ratio Lower Upper

93 100

66 232.3 34.2 51.2#

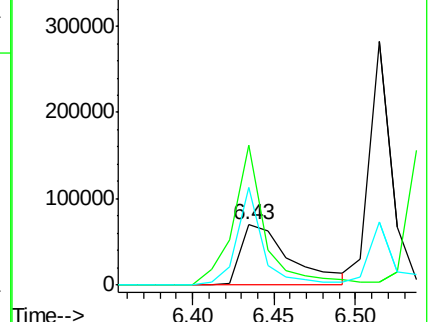
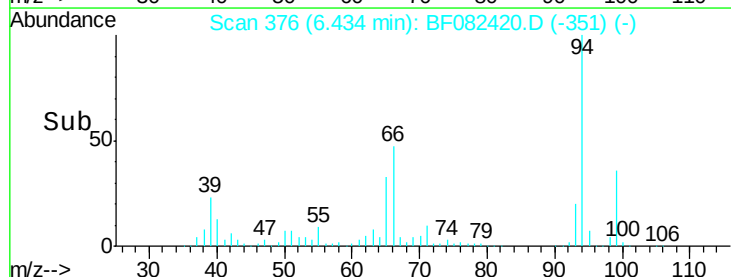
65 163.0 17.9 26.9#

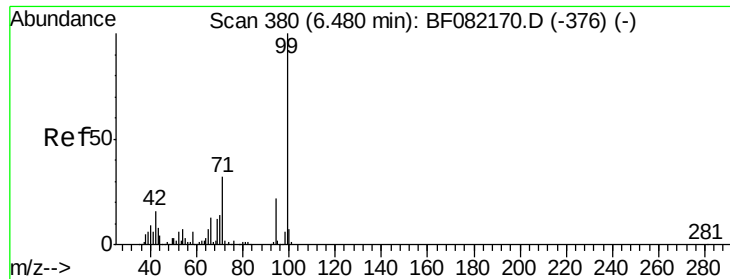


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 112.99 ng

RT: 6.42 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

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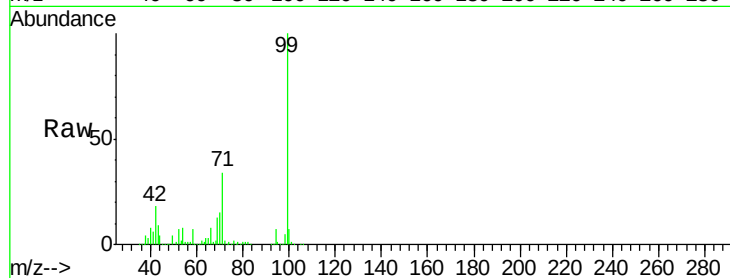
Tot Ion: 99 Resp: 865160

Ion Ratio Lower Upper

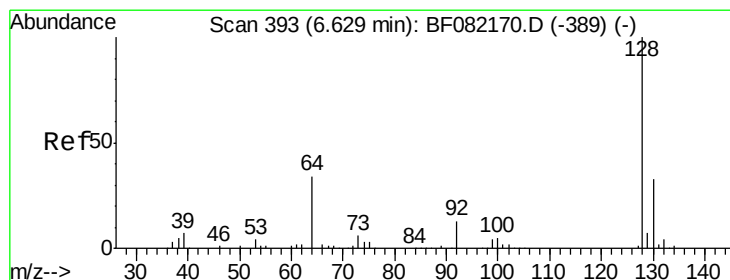
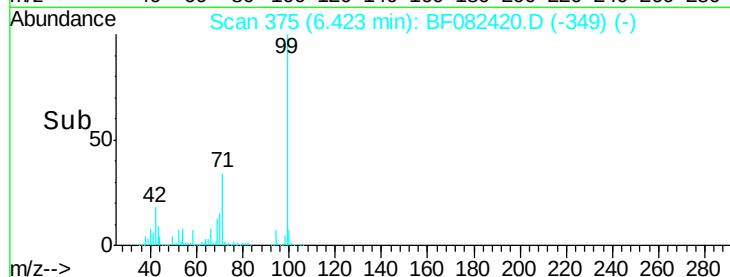
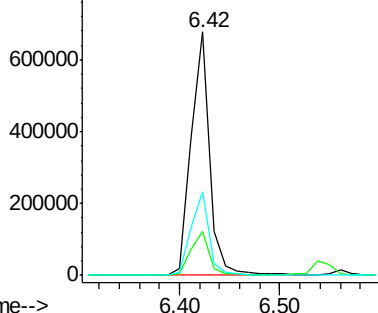
99 100

42 17.8 13.2 19.8

71 34.4 25.6 38.4



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



#8

2-Chlorophenol

Concen: 39.95 ng

RT: 6.56 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

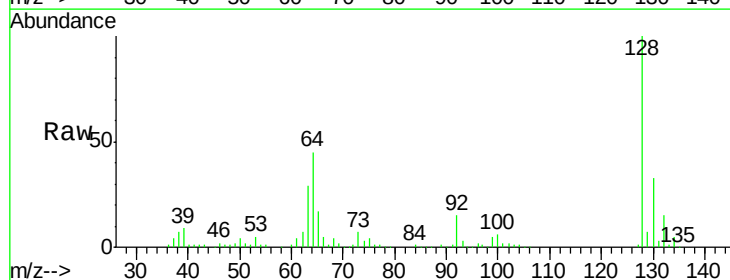
Tgt Ion: 128 Resp: 286916

Ion Ratio Lower Upper

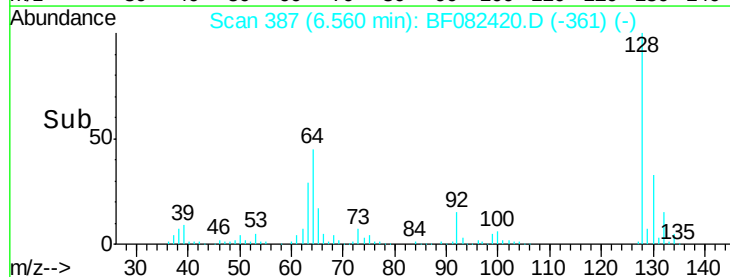
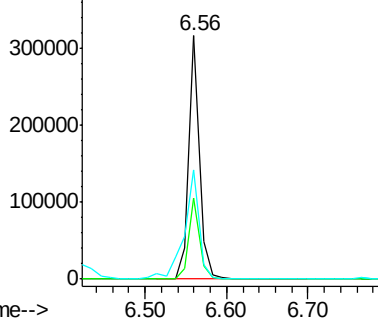
128 100

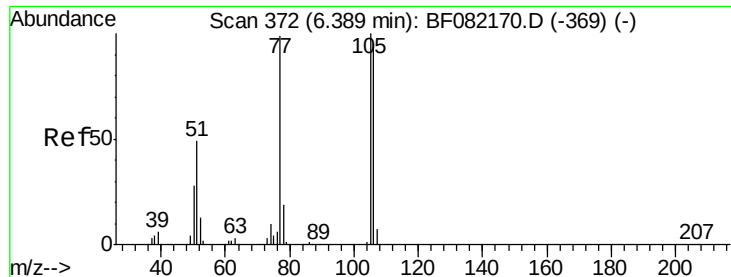
130 33.1 12.6 52.6

64 44.8 16.7 56.7



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: 13.27 ng

RT: 6.32 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

Instrument :

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ClientSampleId :

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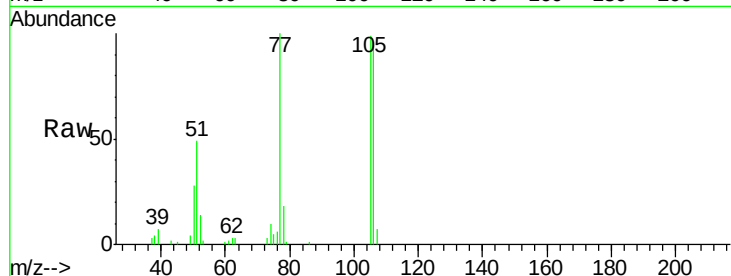
Tot Ion: 77 Resp: 51886

Ion Ratio Lower Upper

77 100

105 98.9 80.6 120.6

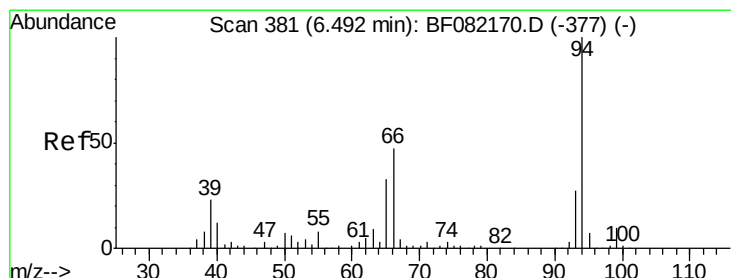
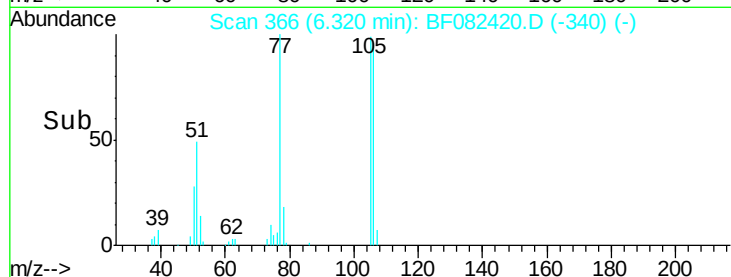
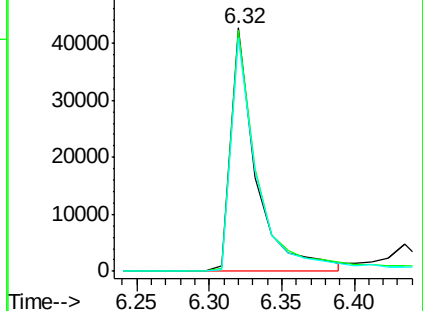
106 96.1 75.5 115.5



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: 36.66 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

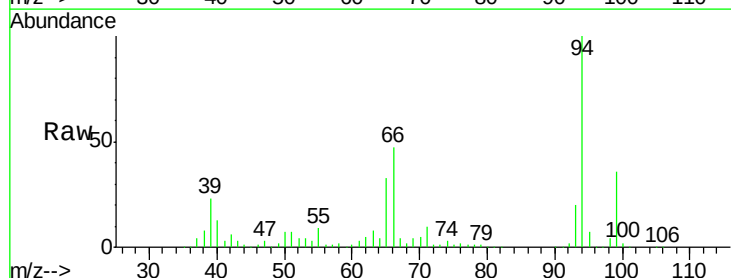
Tgt Ion: 94 Resp: 323611

Ion Ratio Lower Upper

94 100

65 33.2 12.6 52.6

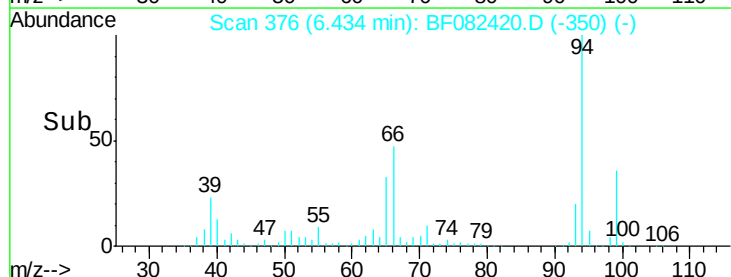
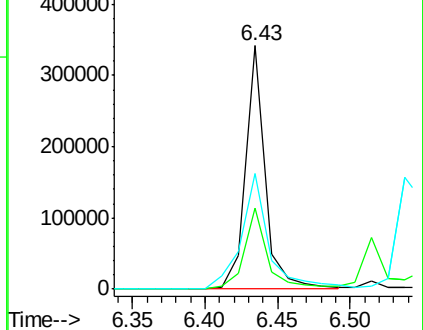
66 47.3 27.3 67.3

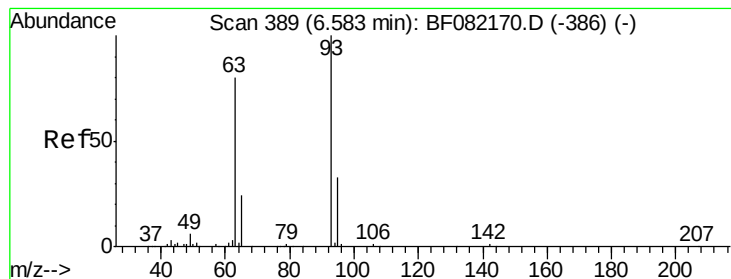


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

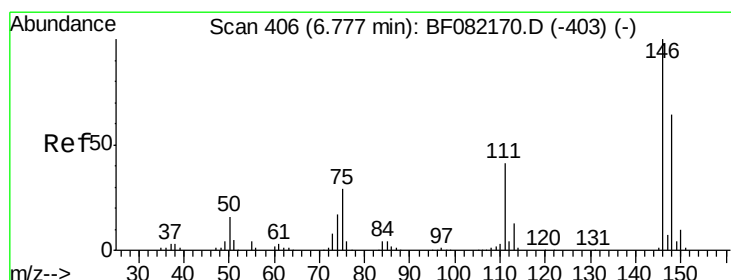
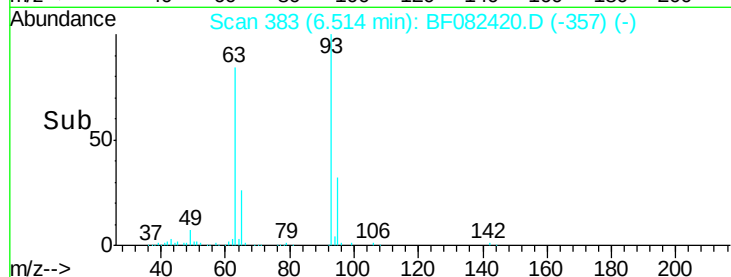
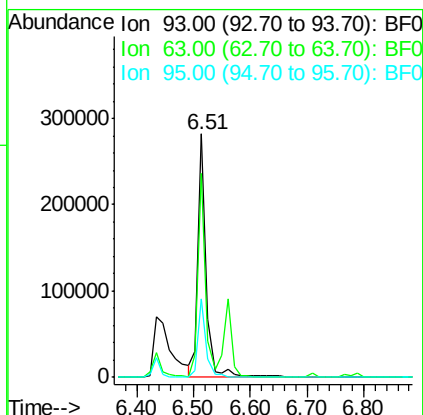
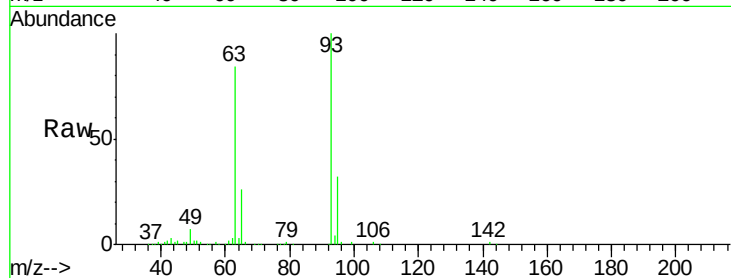




#11
bis(2-Chloroethyl)ether
Concen: 37.97 ng
RT: 6.51 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF082420.D
Acq: 21 Oct 2015 22:51

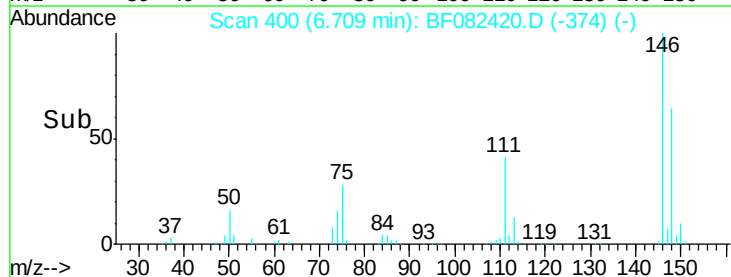
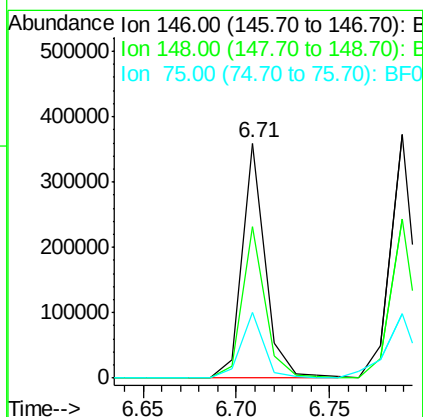
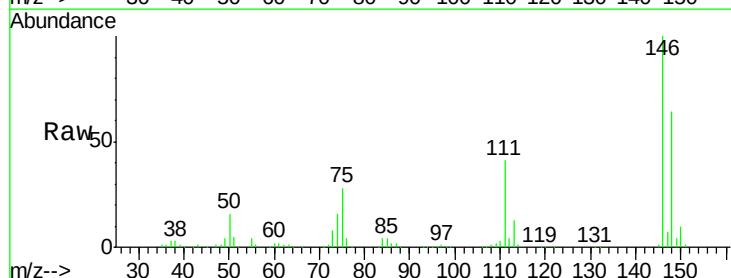
Instrument :
BNA_F
ClientSampleId :
B11-WASTE-CHAR.-2MS

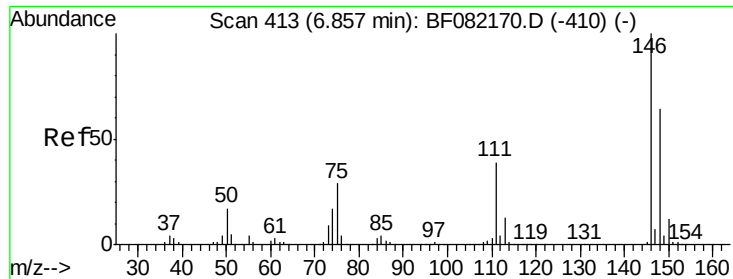
Tot Ion: 93 Resp: 283461
Ion Ratio Lower Upper
93 100
63 83.6 57.1 97.1
95 32.3 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 37.38 ng
RT: 6.71 min Scan# 400
Delta R.T. -0.00 min
Lab File: BF082420.D
Acq: 21 Oct 2015 22:51

Tgt Ion: 146 Resp: 312690
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.2
75 28.2 23.0 34.6

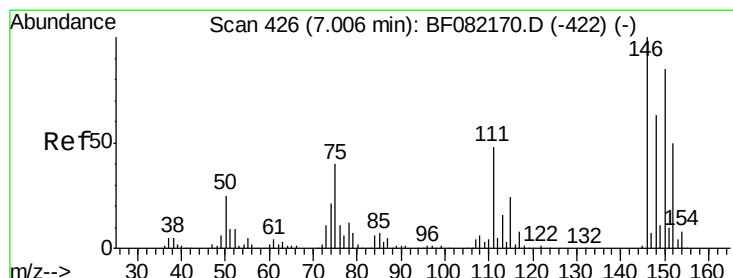
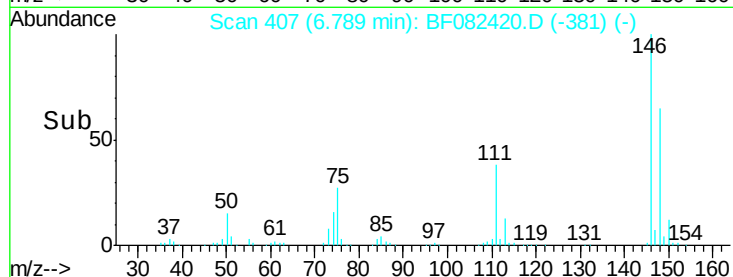
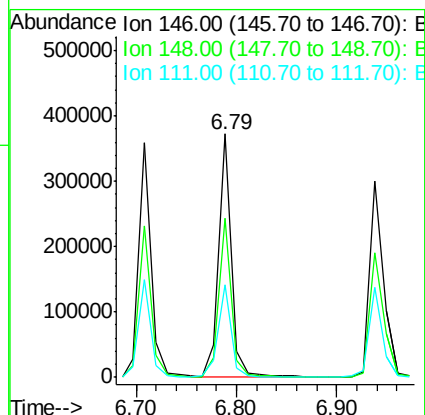
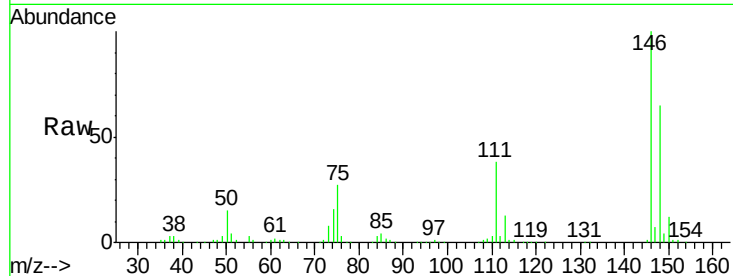




#13
 1,4-Dichlorobenzene
 Concen: 37.97 ng
 RT: 6.79 min Scan# 407
 Delta R.T. -0.00 min
 Lab File: BF082420.D
 Acq: 21 Oct 2015 22:51

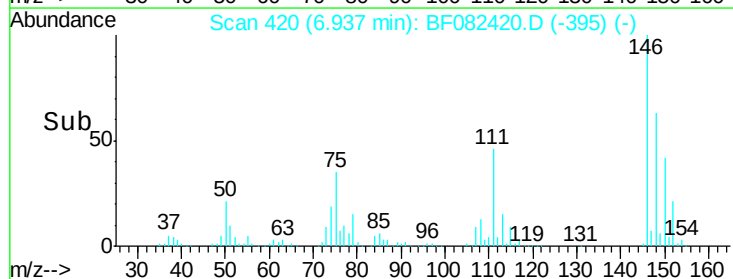
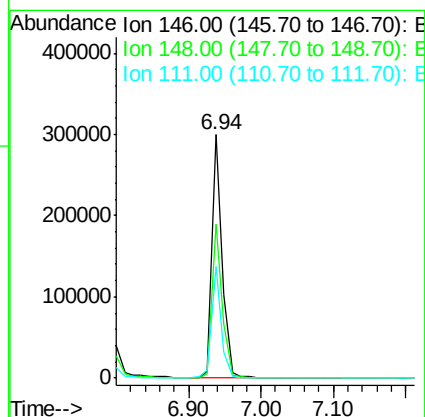
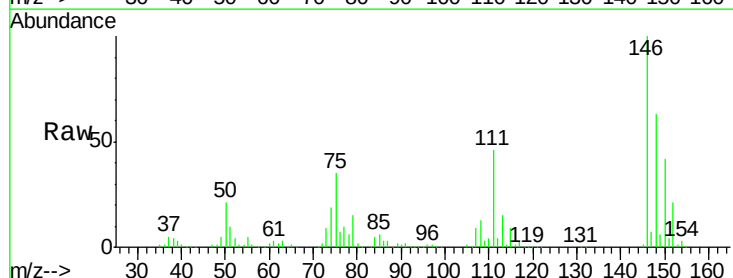
Instrument :
 BNA_F
 ClientSampleId :
 B11-WASTE-CHAR.-2MS

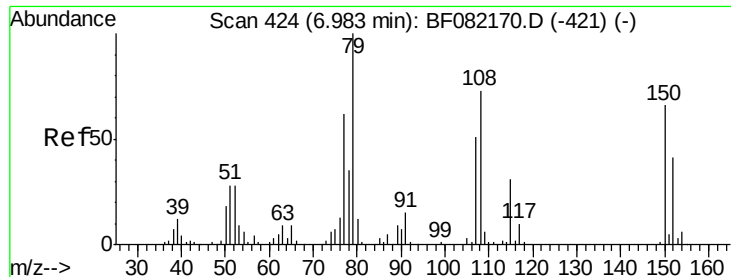
Tot Ion:146 Resp: 331715
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.0 76.4
 111 38.1 31.1 46.7



#14
 1,2-Dichlorobenzene
 Concen: 35.28 ng
 RT: 6.94 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF082420.D
 Acq: 21 Oct 2015 22:51

Tgt Ion:146 Resp: 292615
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.5 75.7
 111 45.7 38.5 57.7

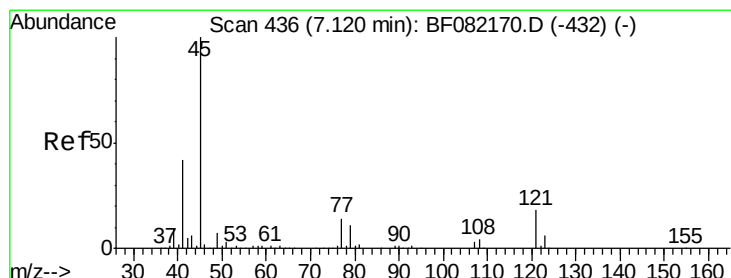
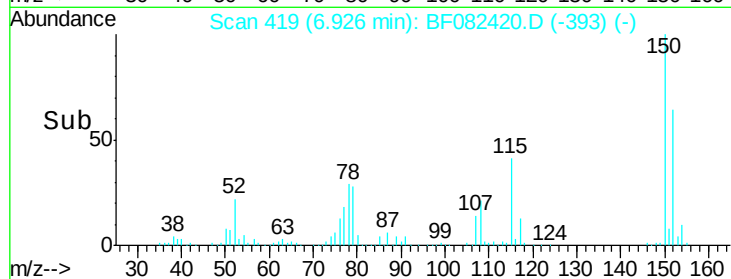
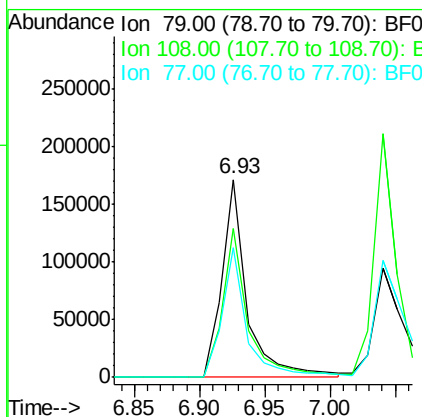
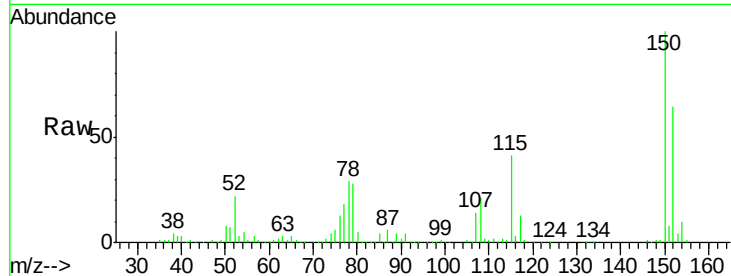




#15
Benzyl Alcohol
Concen: 43.62 ng
RT: 6.93 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF082420.D
Acq: 21 Oct 2015 22:51

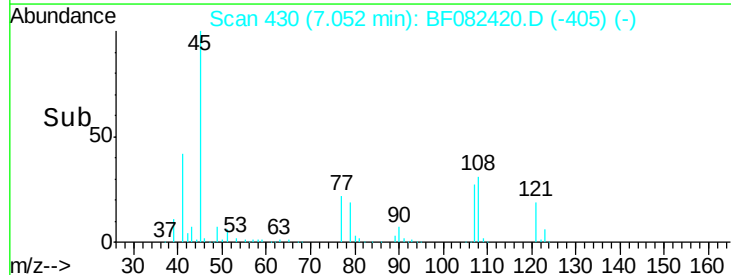
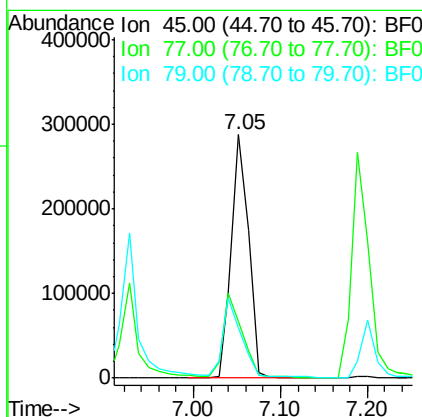
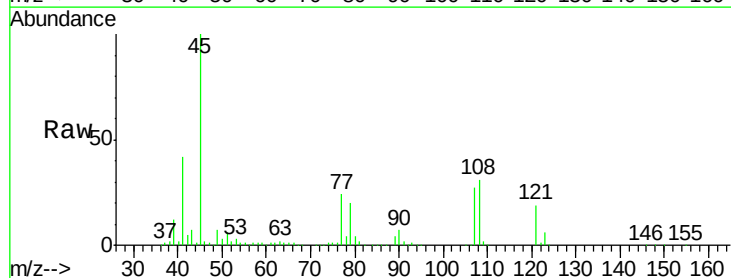
Instrument :
BNA_F
ClientSampleId :
B11-WASTE-CHAR.-2MS

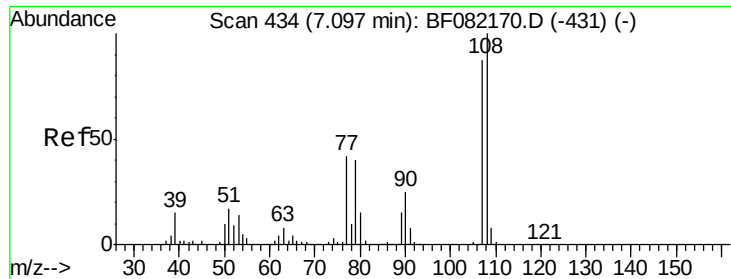
Tot Ion: 79 Resp: 230552
Ion Ratio Lower Upper
79 100
108 75.3 58.4 87.6
77 65.4 49.8 74.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.97 ng
RT: 7.05 min Scan# 430
Delta R.T. -0.01 min
Lab File: BF082420.D
Acq: 21 Oct 2015 22:51

Tgt Ion: 45 Resp: 394722
Ion Ratio Lower Upper
45 100
77 23.5 0.0 34.5
79 20.4 0.0 31.6

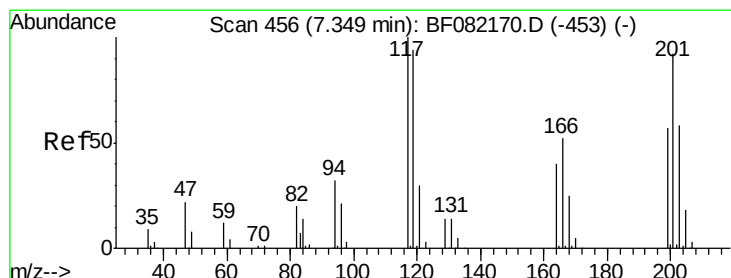
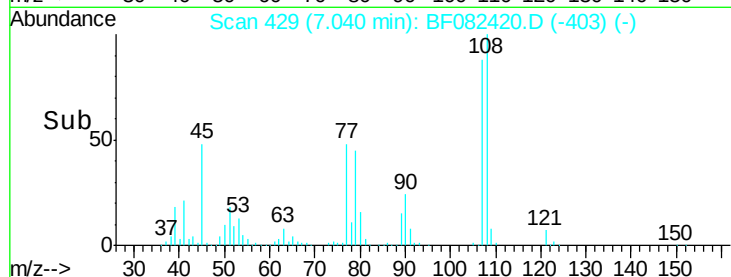
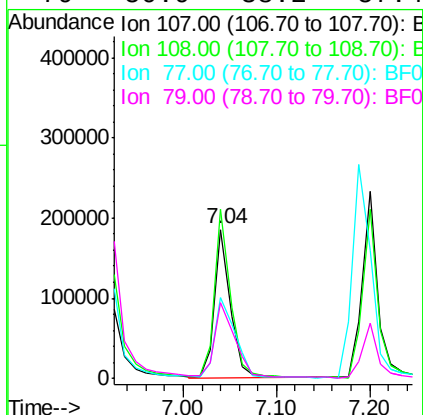
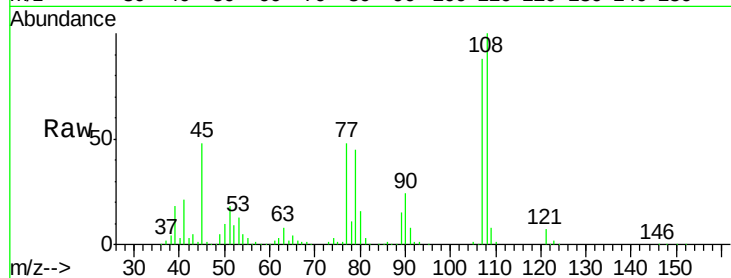




#17
2-Methylphenol
Concen: 39.04 ng
RT: 7.04 min Scan# 429
Delta R.T. -0.00 min
Lab File: BF082420.D
Acq: 21 Oct 2015 22:51

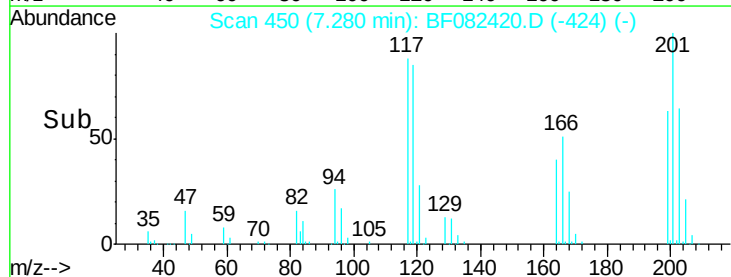
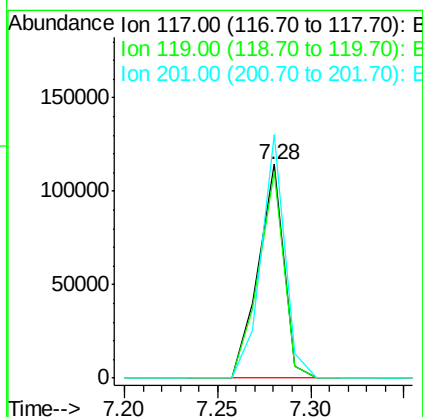
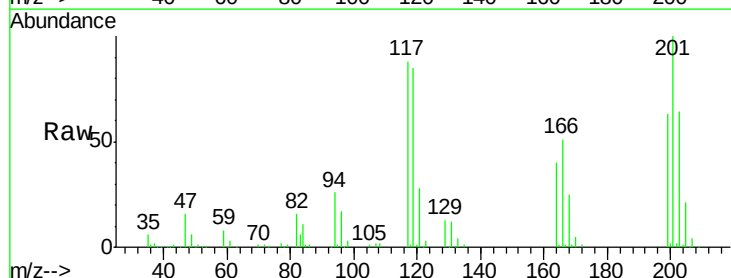
Instrument :
BNA_F
ClientSampleId :
B11-WASTE-CHAR.-2MS

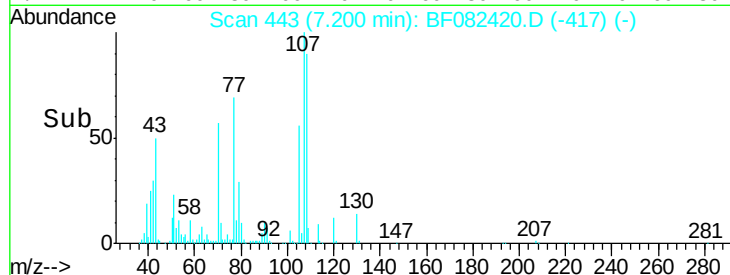
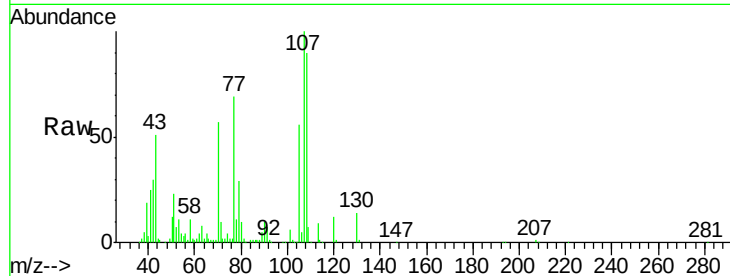
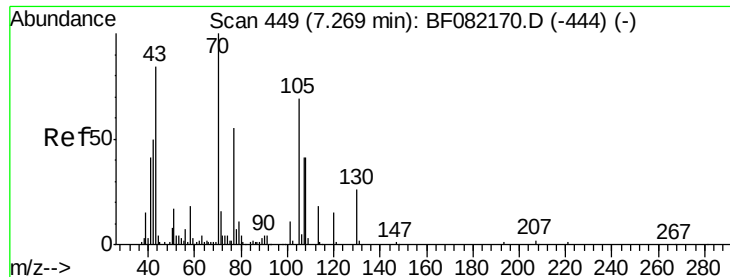
Tot Ion:	107	Resp:	221717
Ion	Ratio	Lower	Upper
107	100		
108	113.1	92.2	138.2
77	54.2	39.6	59.4
79	50.9	38.2	57.4



#18
Hexachloroethane
Concen: 37.00 ng
RT: 7.28 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF082420.D
Acq: 21 Oct 2015 22:51

Tgt Ion:	117	Resp:	110624
Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.4	113.2
201	114.0	73.4	110.0#

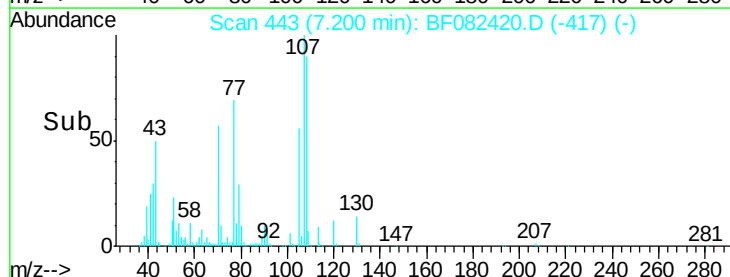
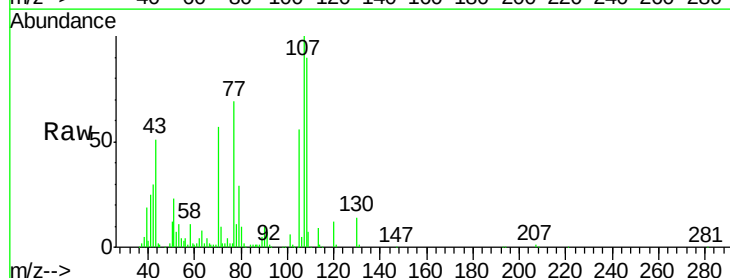
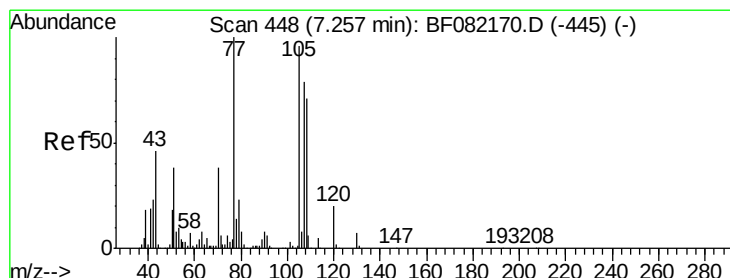
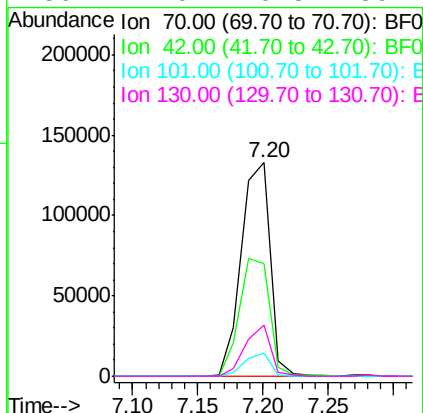




#19
n-Nitroso-di-n-propylamine
Concen: 37.96 ng
RT: 7.20 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF082420.D
Acq: 21 Oct 2015 22:51

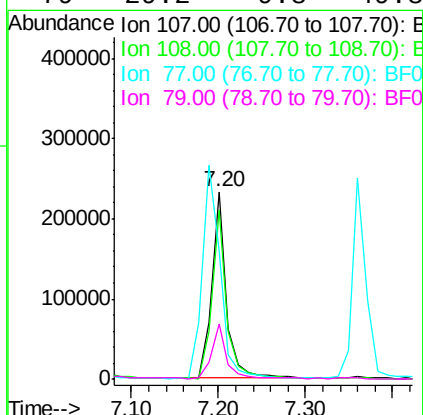
Instrument :
BNA_F
ClientSampleId :
B11-WASTE-CHAR.-2MS

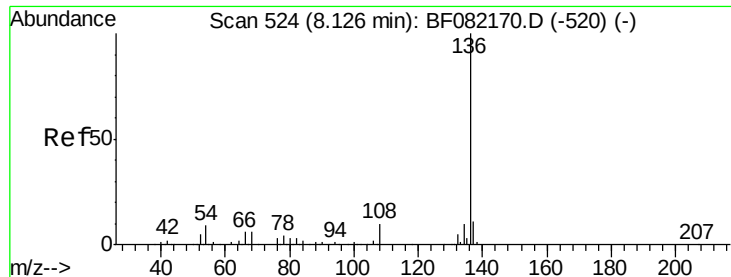
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.7	39.8	59.8	
101	10.7	8.6	13.0	
130	24.0	20.5	30.7	



#20
3+4-Methylphenols
Concen: 40.94 ng
RT: 7.20 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF082420.D
Acq: 21 Oct 2015 22:51

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.3	69.9	109.9	
77	68.6	106.0	146.0	
79	29.2	9.8	49.8	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MS

Tot Ion:136 Resp: 462611

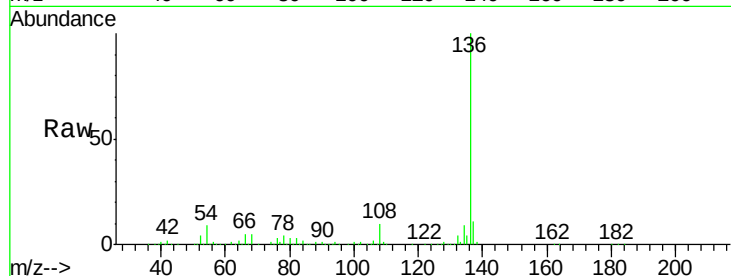
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 8.5 7.5 11.3

68 5.5 4.6 7.0

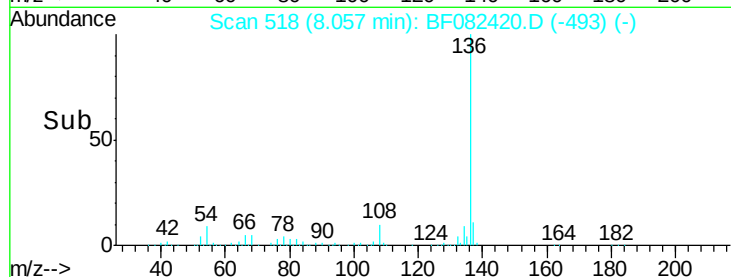


Abundance Ion 136.00 (135.70 to 136.70): E

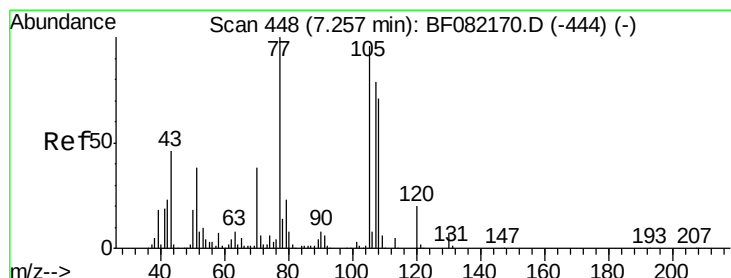
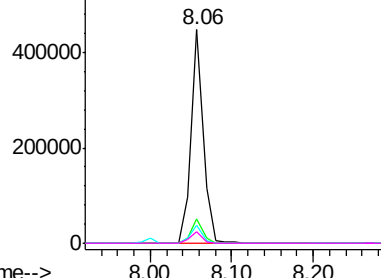
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 43.05 ng

RT: 7.19 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

Tgt Ion:105 Resp: 393924

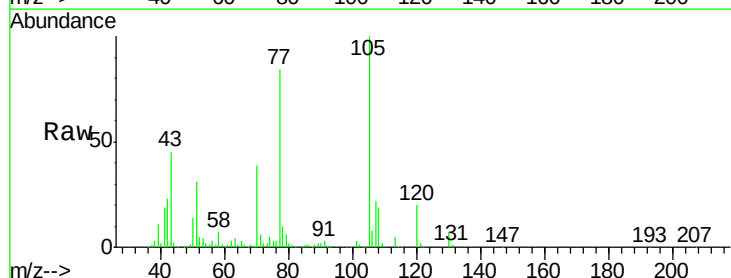
Ion Ratio Lower Upper

105 100

71 6.4 5.4 8.0

51 31.2 31.8 47.6#

120 20.5 16.3 24.5

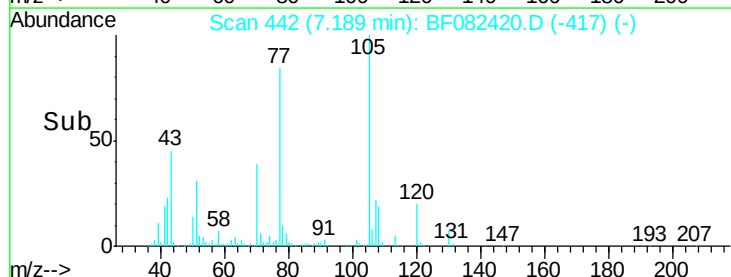


Abundance Ion 105.00 (104.70 to 105.70): E

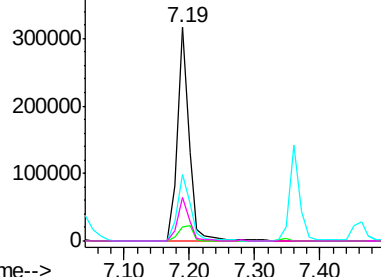
Ion 71.00 (70.70 to 71.70): BF0

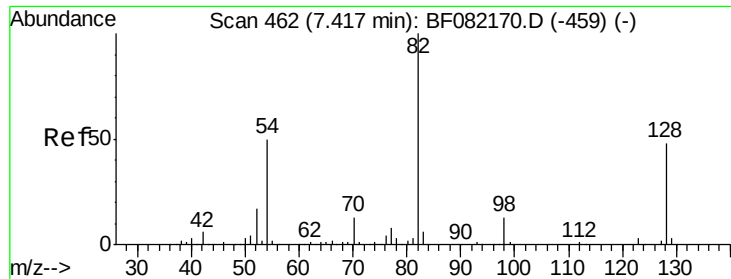
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

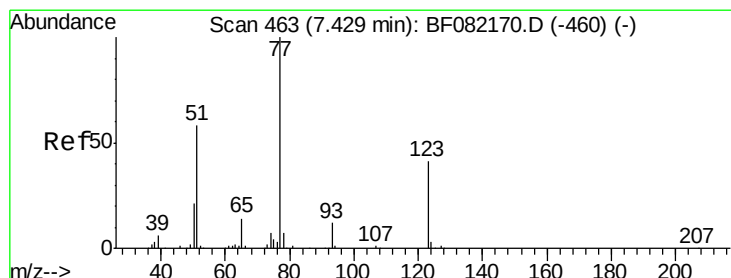
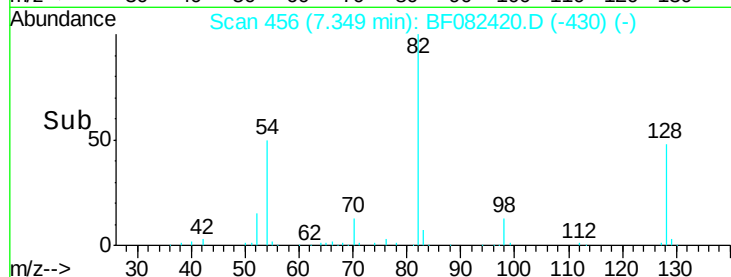
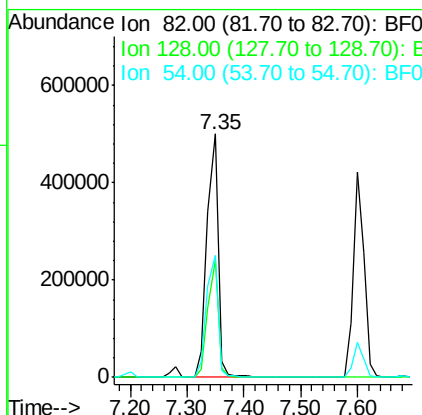
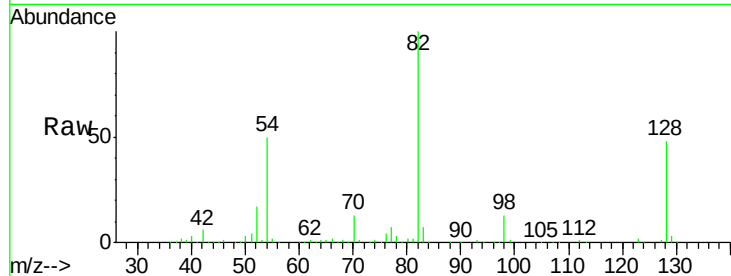




#23
 Nitrobenzene-d5
 Concen: 95.72 ng
 RT: 7.35 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF082420.D
 Acq: 21 Oct 2015 22:51

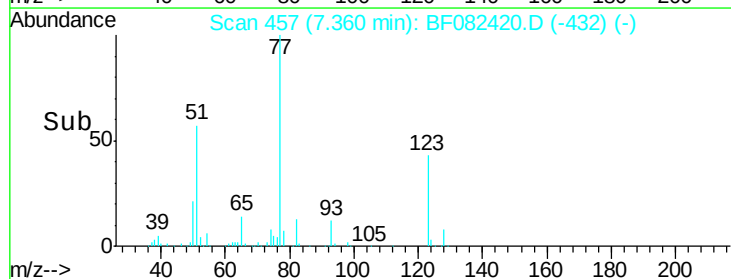
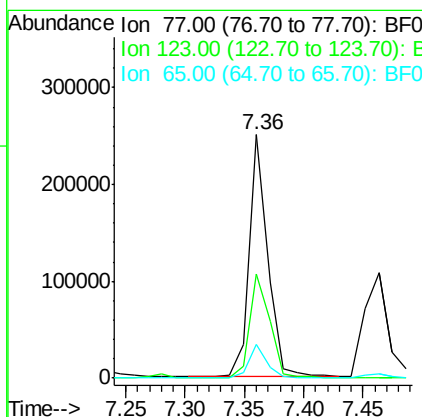
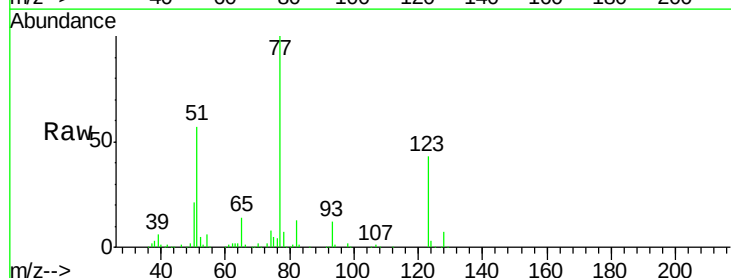
Instrument :
 BNA_F
 ClientSampleId :
 B11-WASTE-CHAR.-2MS

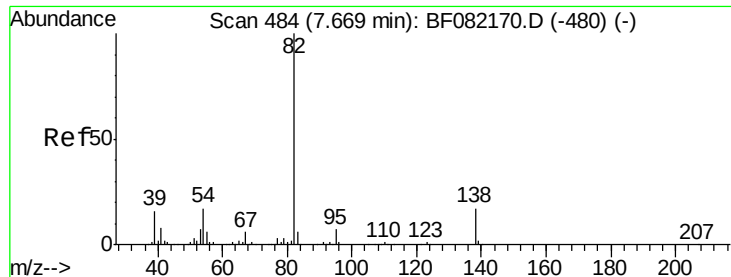
Tot Ion: 82 Resp: 659410
 Ion Ratio Lower Upper
 82 100
 128 47.8 38.7 58.1
 54 50.4 40.1 60.1



#24
 Nitrobenzene
 Concen: 36.70 ng
 RT: 7.36 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF082420.D
 Acq: 21 Oct 2015 22:51

Tgt Ion: 77 Resp: 273628
 Ion Ratio Lower Upper
 77 100
 123 42.7 33.0 49.4
 65 14.0 11.2 16.8





#25

Isophorone

Concen: 40.48 ng

RT: 7.60 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MS

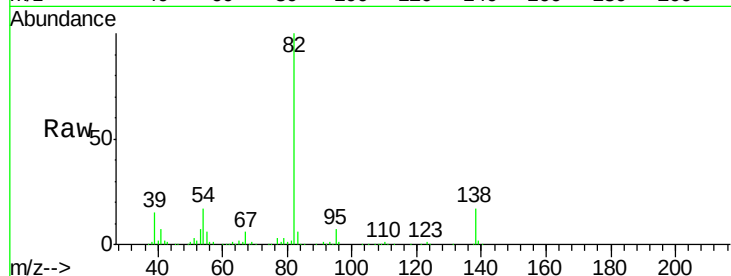
Tot Ion: 82 Resp: 562844

Ion Ratio Lower Upper

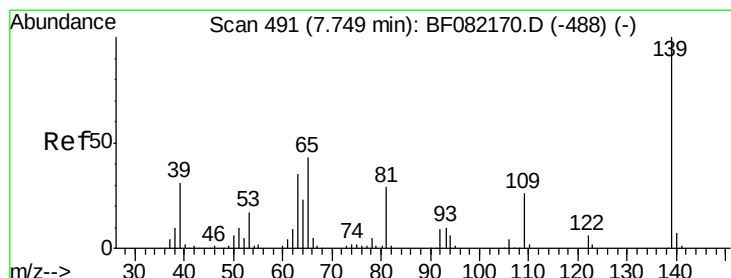
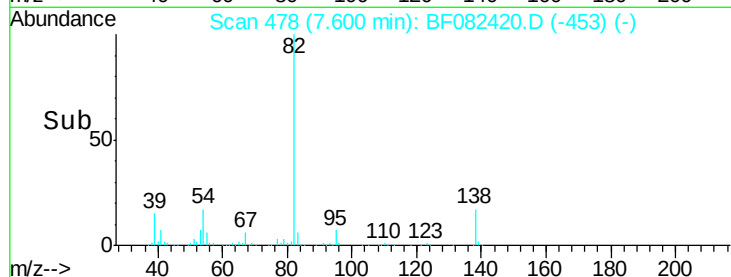
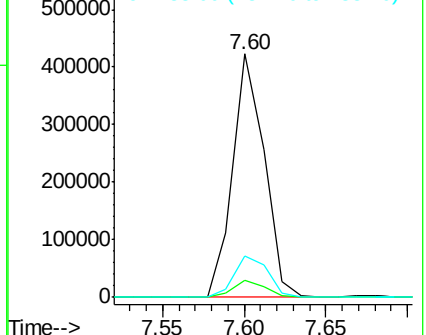
82 100

95 7.1 5.6 8.4

138 17.1 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: 44.36 ng

RT: 7.68 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

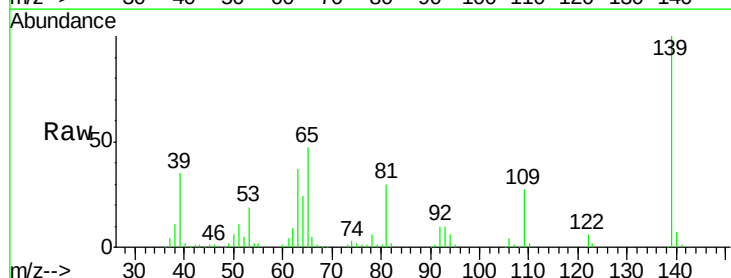
Tgt Ion: 139 Resp: 165163

Ion Ratio Lower Upper

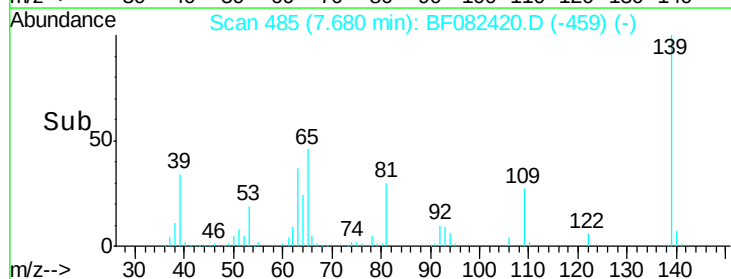
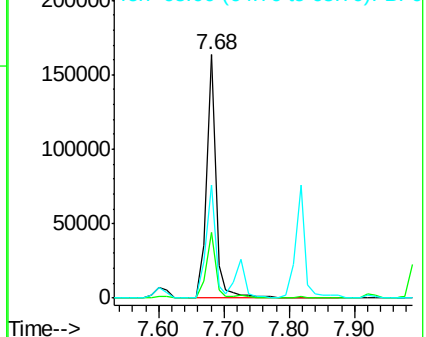
139 100

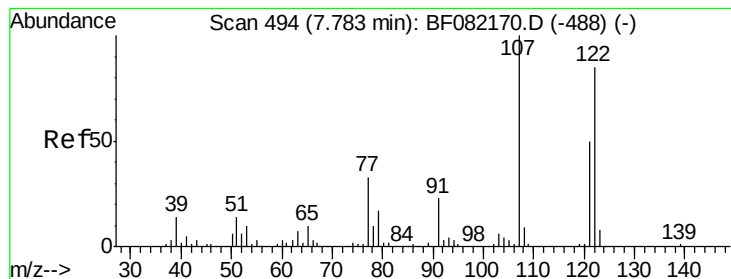
109 26.9 20.6 31.0

65 46.7 34.3 51.5



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





#27

2,4-Dimethylphenol

Concen: 45.29 ng

RT: 7.73 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MS

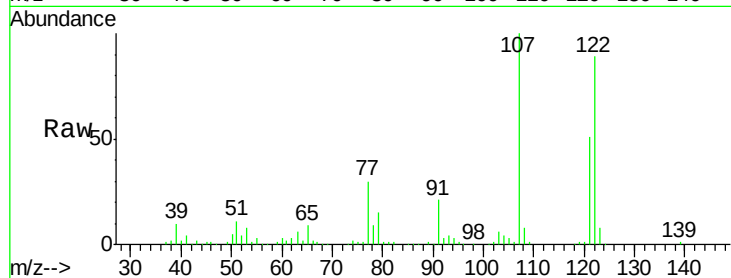
Tot Ion:122 Resp: 271655

Ion Ratio Lower Upper

122 100

107 112.1 94.0 141.0

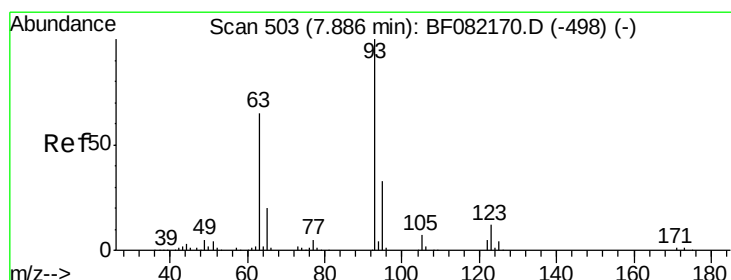
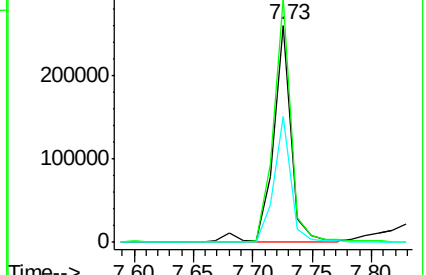
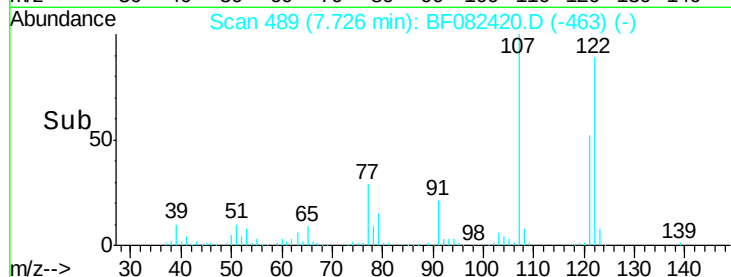
121 57.7 46.8 70.2



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: 44.36 ng

RT: 7.82 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

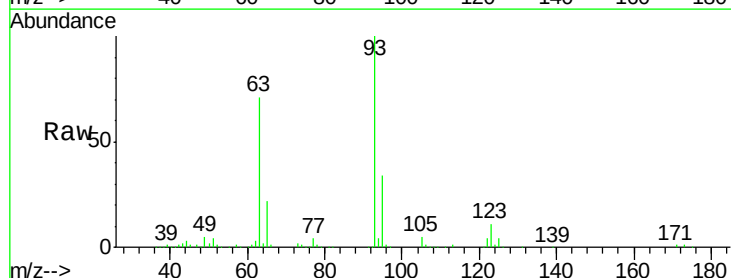
Tgt Ion: 93 Resp: 358898

Ion Ratio Lower Upper

93 100

95 33.7 26.6 39.8

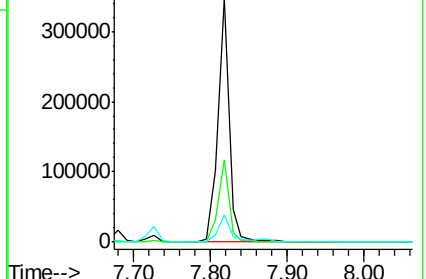
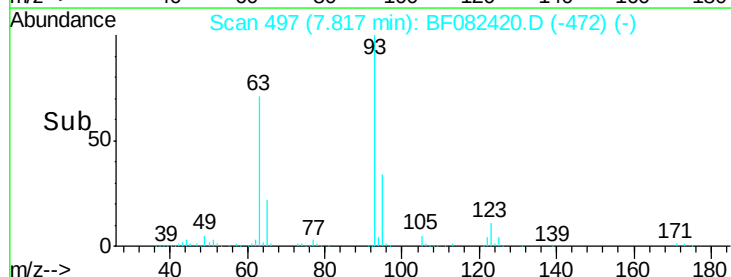
123 11.2 9.5 14.3

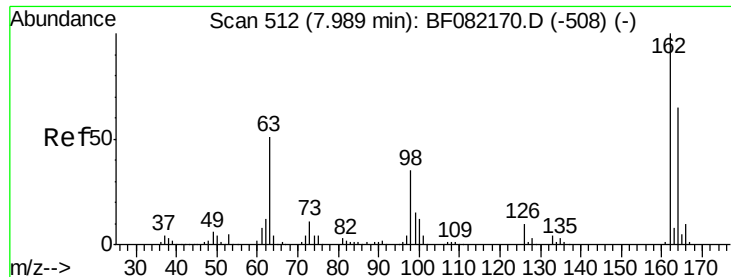


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

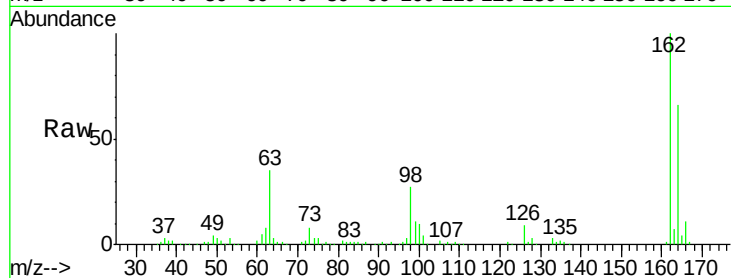




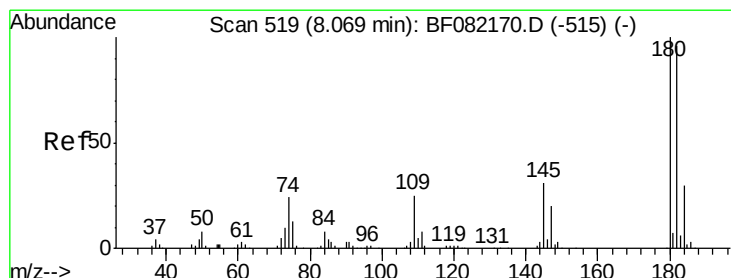
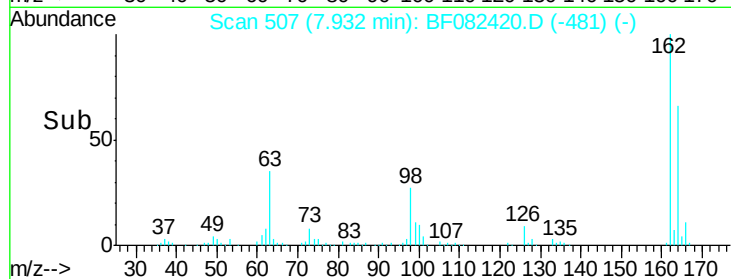
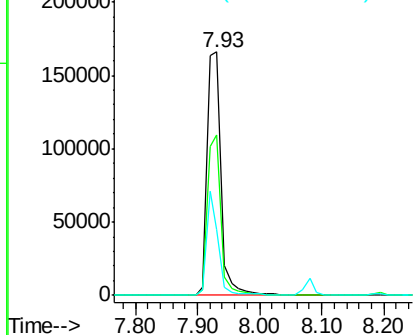
#29
 2,4-Dichlorophenol
 Concen: 43.41 ng
 RT: 7.93 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF082420.D
 Acq: 21 Oct 2015 22:51

Instrument :
 BNA_F
 ClientSampleId :
 B11-WASTE-CHAR.-2MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	44.6	84.6
98	26.7	15.0	55.0

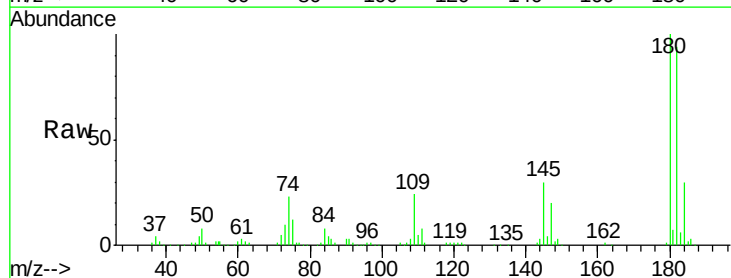


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

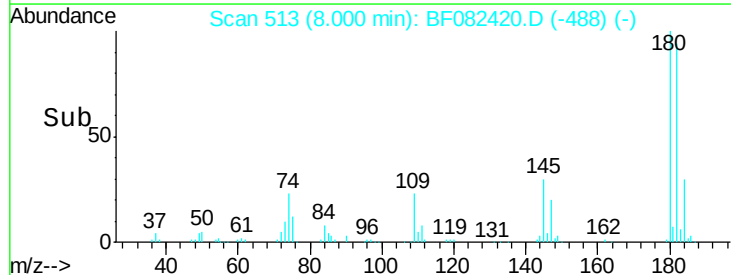
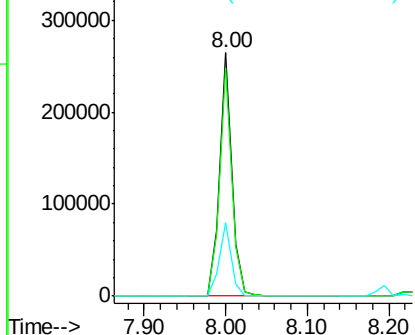


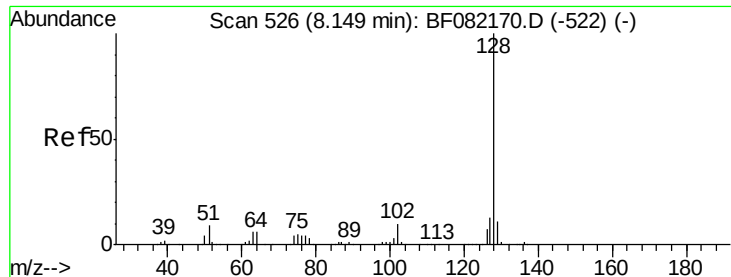
#30
 1,2,4-Trichlorobenzene
 Concen: 40.10 ng
 RT: 8.00 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: BF082420.D
 Acq: 21 Oct 2015 22:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	77.0	115.4
145	30.2	25.0	37.4



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

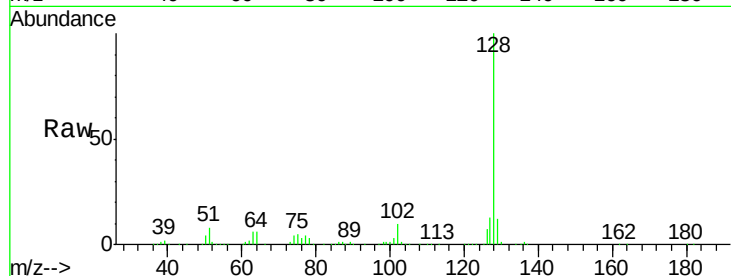




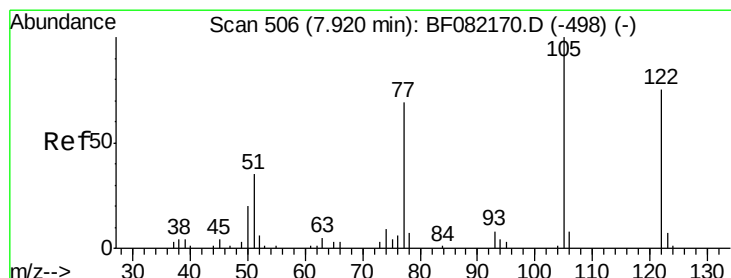
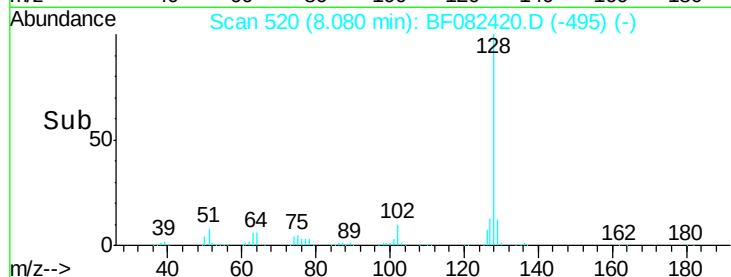
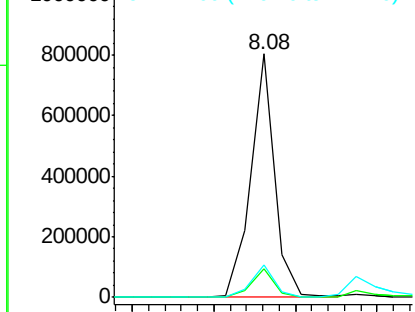
#31
Naphthalene
Concen: 40.64 ng
RT: 8.08 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF082420.D
Acq: 21 Oct 2015 22:51

Instrument :
BNA_F
ClientSampleId :
B11-WASTE-CHAR.-2MS

Tot Ion:128 Resp: 814956
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.4 10.7 16.1

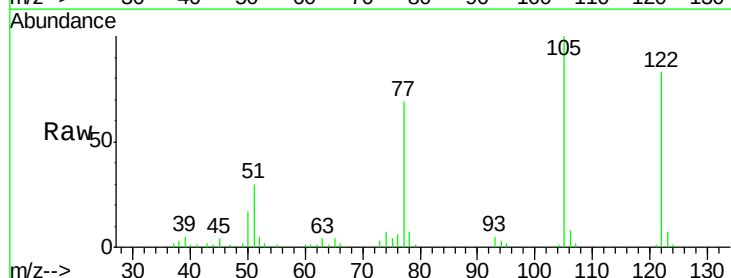


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

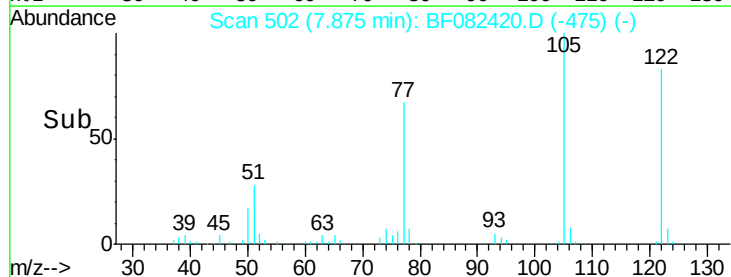
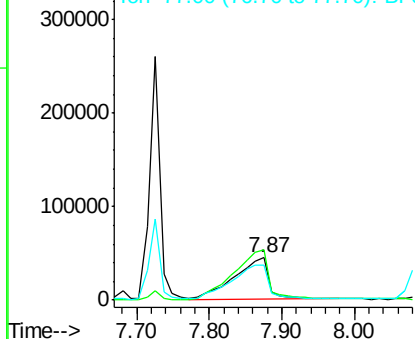


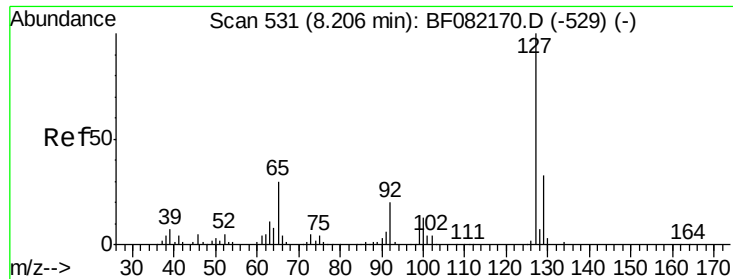
#32
Benzoic acid
Concen: 37.17 ng
RT: 7.87 min Scan# 502
Delta R.T. 0.01 min
Lab File: BF082420.D
Acq: 21 Oct 2015 22:51

Tgt Ion:122 Resp: 149625
Ion Ratio Lower Upper
122 100
105 121.1 104.4 144.4
77 83.8 69.0 109.0



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

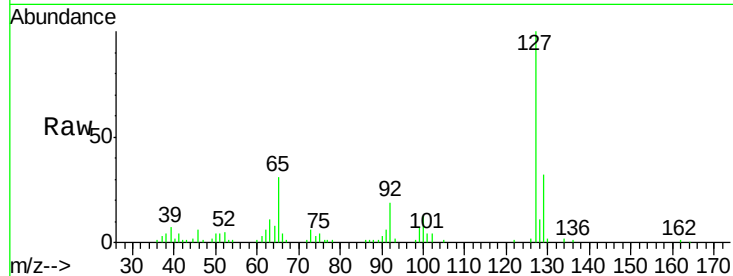




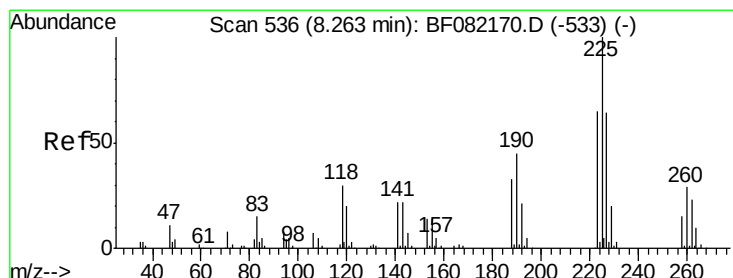
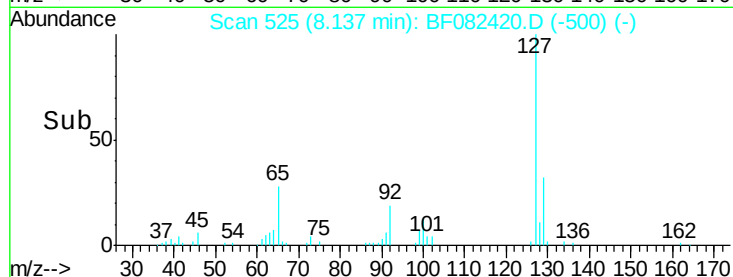
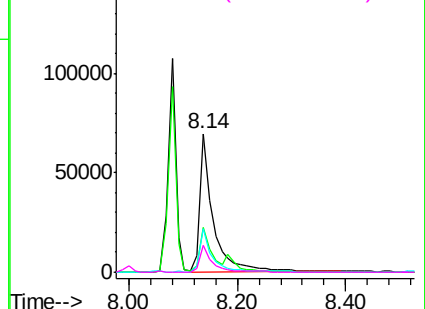
#33
4-Chloroaniline
Concen: 14.14 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF082420.D
Acq: 21 Oct 2015 22:51

Instrument :
BNA_F
ClientSampleId :
B11-WASTE-CHAR.-2MS

Tot Ion:	127	Resp:	117762
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	31.0	24.4	36.6
92	19.2	15.7	23.5

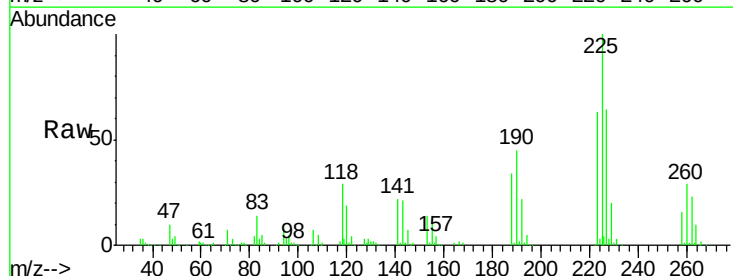


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

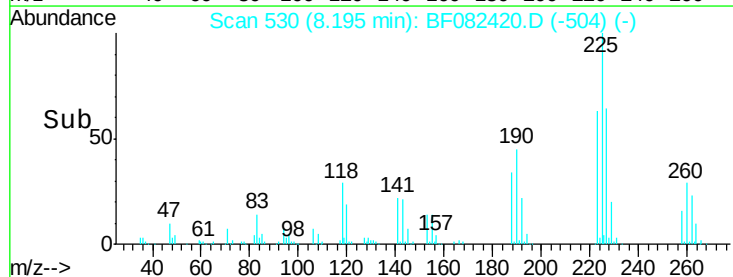
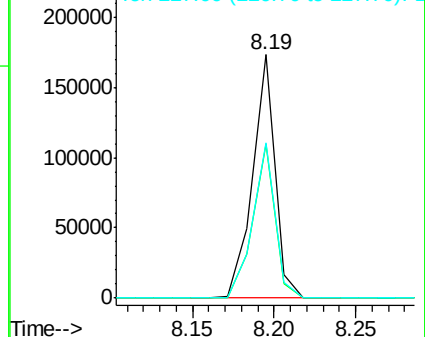


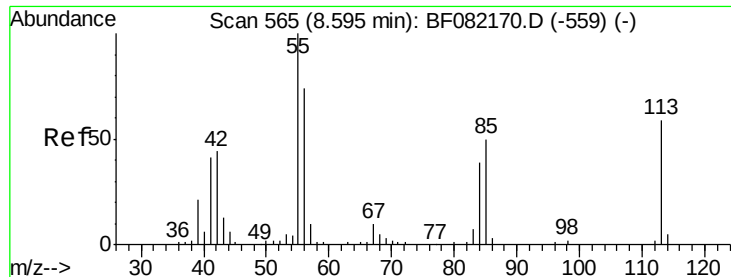
#34
Hexachlorobutadiene
Concen: 38.24 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF082420.D
Acq: 21 Oct 2015 22:51

Tgt Ion:	225	Resp:	164710
Ion	Ratio	Lower	Upper
225	100		
223	63.4	52.2	78.2
227	63.7	51.3	76.9



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: 21.92 ng

RT: 8.51 min Scan# 558

Delta R.T. -0.02 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MS

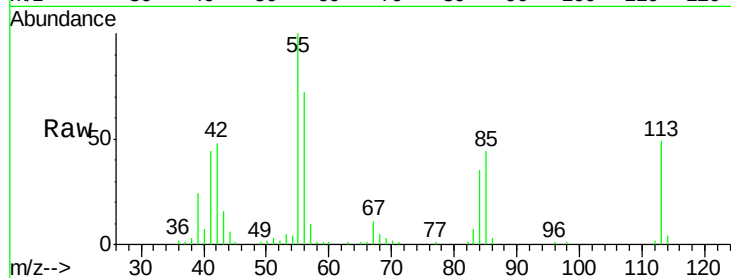
Tot Ion:113 Resp: 38143

Ion Ratio Lower Upper

113 100

55 203.2 149.7 189.7#

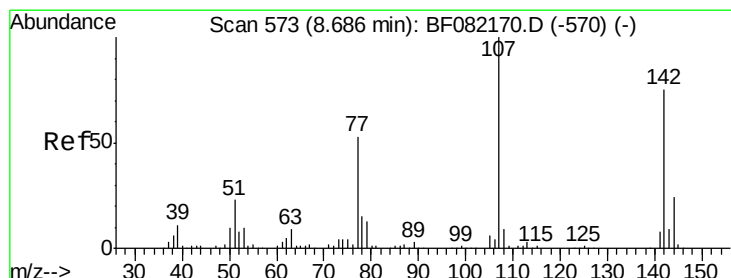
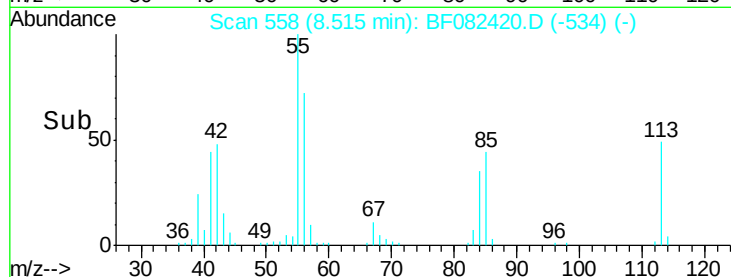
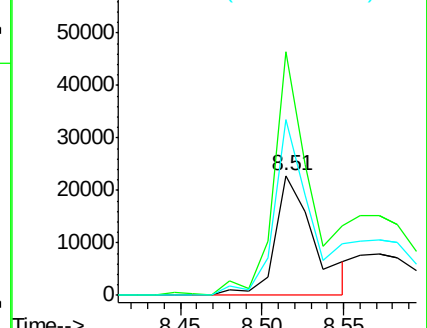
56 146.3 105.4 145.4#



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: 44.15 ng

RT: 8.63 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

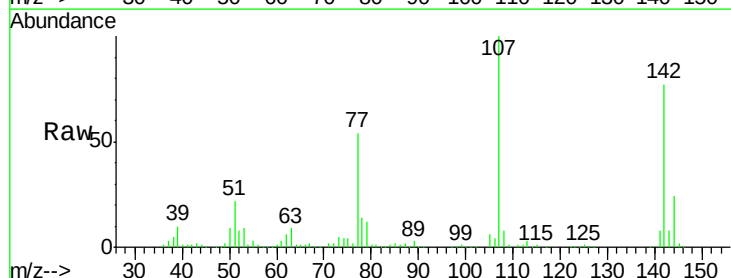
Tgt Ion:107 Resp: 258889

Ion Ratio Lower Upper

107 100

144 24.1 19.3 28.9

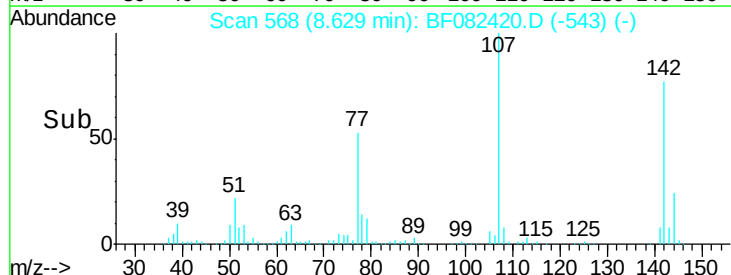
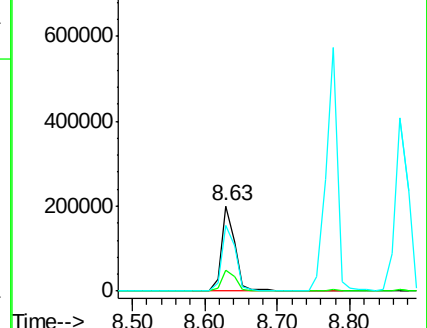
142 76.5 59.9 89.9

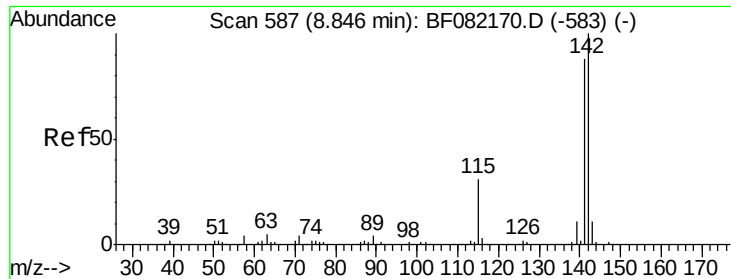


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

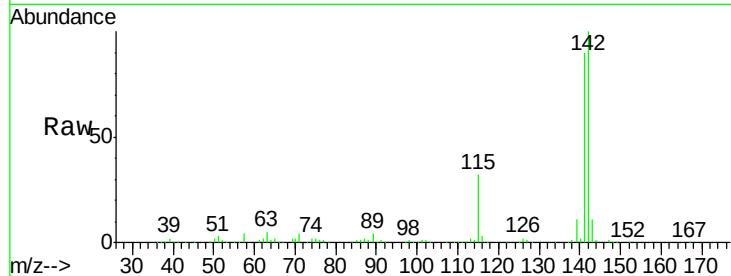




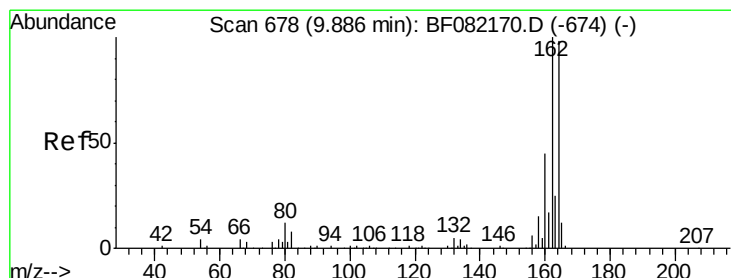
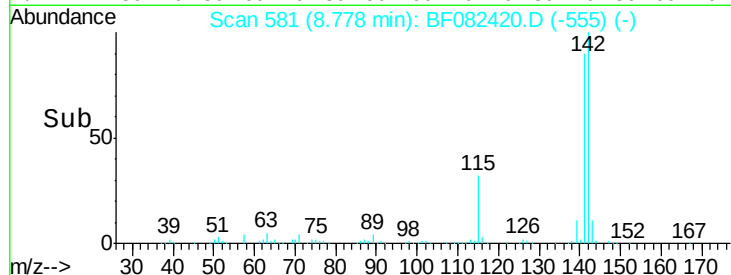
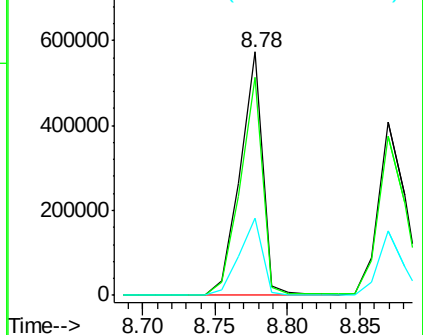
#37
2-Methylnaphthalene
Concen: 44.65 ng
RT: 8.78 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF082420.D
Acq: 21 Oct 2015 22:51

Instrument :
BNA_F
ClientSampleId :
B11-WASTE-CHAR.-2MS

Tot Ion:142 Resp: 620721
Ion Ratio Lower Upper
142 100
141 89.5 70.4 105.6
115 31.6 24.6 37.0

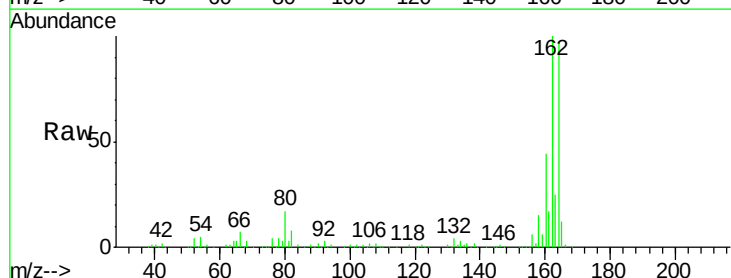


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

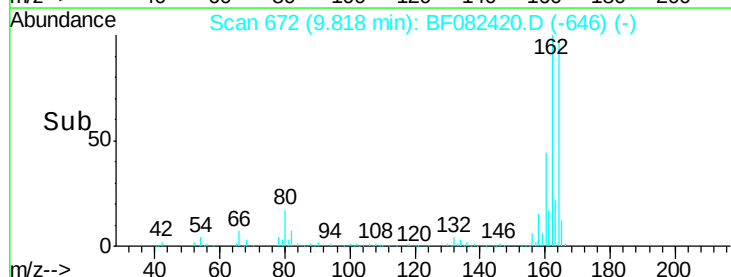
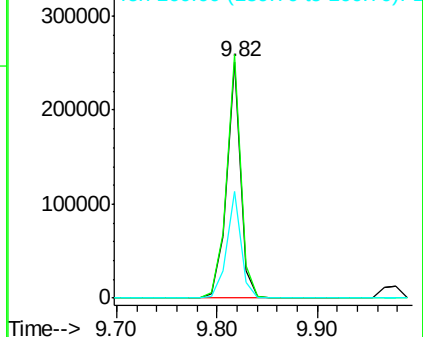


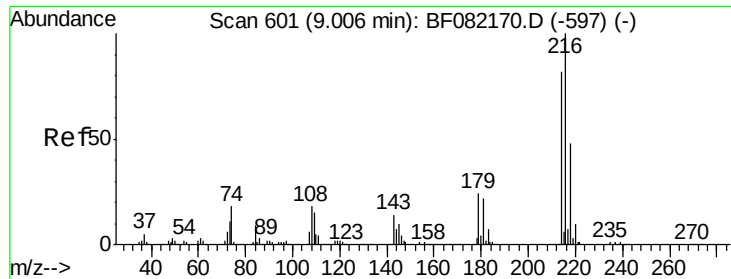
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF082420.D
Acq: 21 Oct 2015 22:51

Tgt Ion:164 Resp: 243159
Ion Ratio Lower Upper
164 100
162 103.1 81.6 122.4
160 45.2 36.4 54.6



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

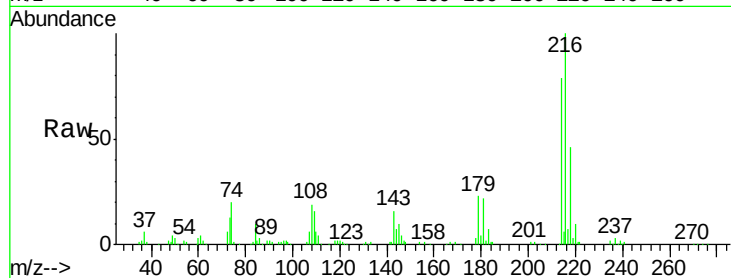




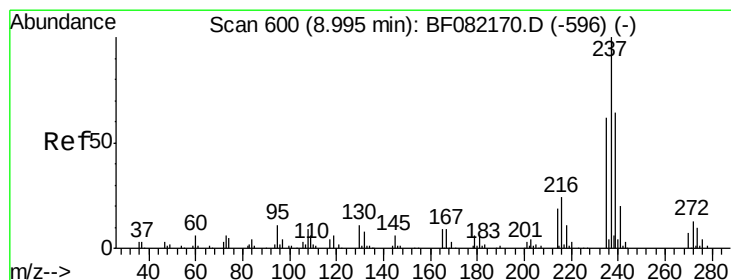
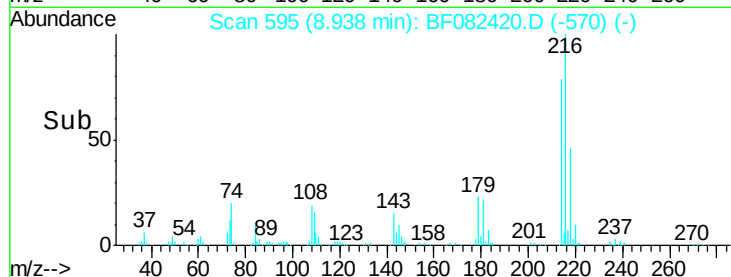
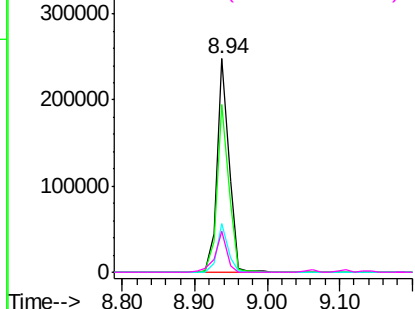
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.90 ng
 RT: 8.94 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF082420.D
 Acq: 21 Oct 2015 22:51

Instrument :
 BNA_F
 ClientSampleId :
 B11-WASTE-CHAR.-2MS

Tot Ion:216	Resp:	281347
Ion Ratio	Lower	Upper
216	100	
214	77.7	64.6 97.0
179	21.0	17.6 26.4
108	18.8	14.5 21.7

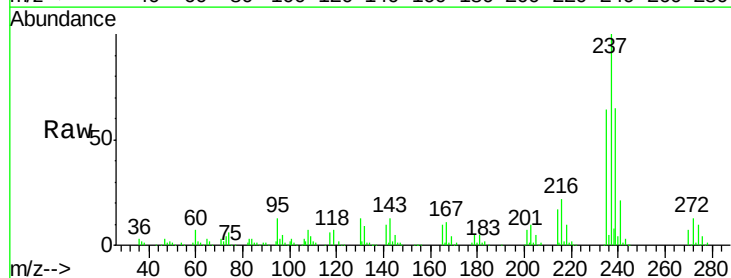


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

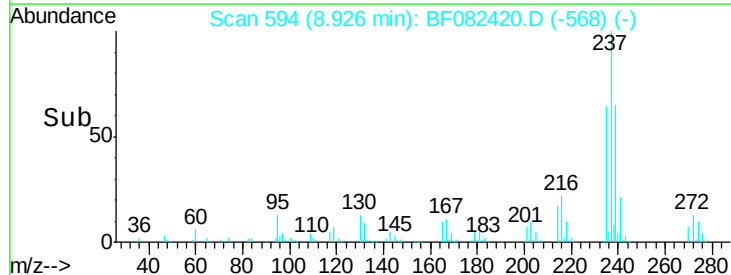
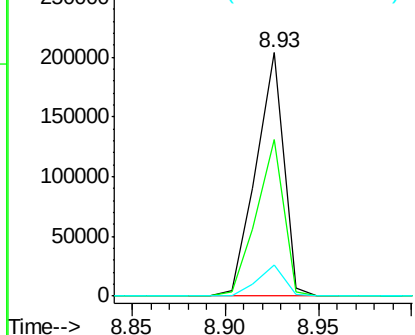


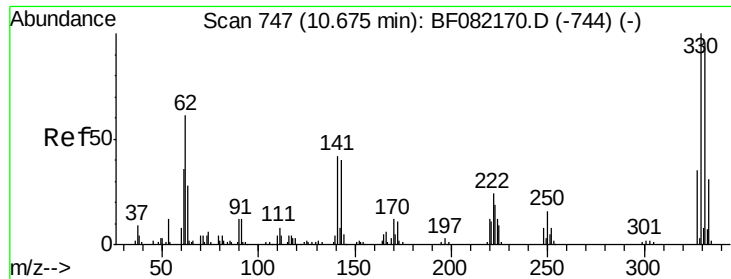
#40
 Hexachlorocyclopentadiene
 Concen: 59.67 ng
 RT: 8.93 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: BF082420.D
 Acq: 21 Oct 2015 22:51

Tgt Ion:237	Resp:	209739
Ion Ratio	Lower	Upper
237	100	
235	64.1	41.7 81.7
272	12.7	0.0 32.8



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

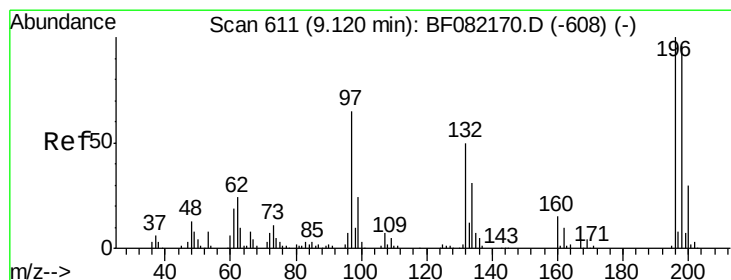
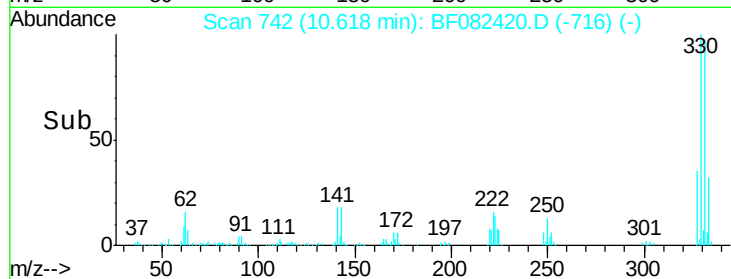
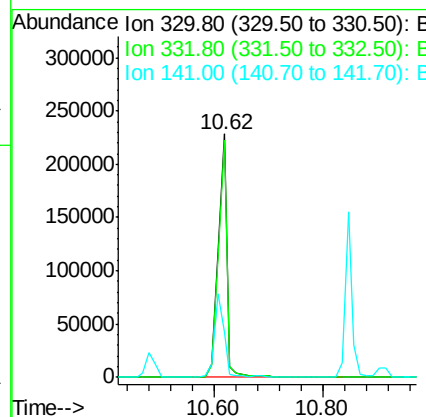
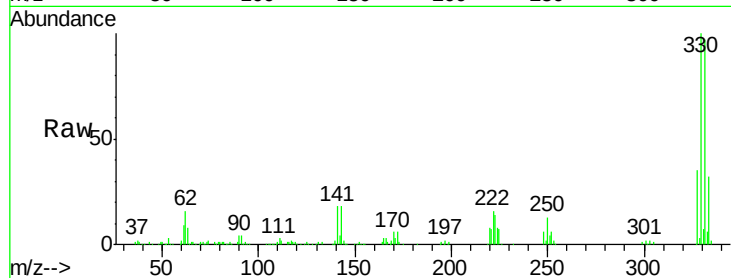




#41
 2,4,6-Tribromophenol
 Concen: 116.65 ng
 RT: 10.62 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF082420.D
 Acq: 21 Oct 2015 22:51

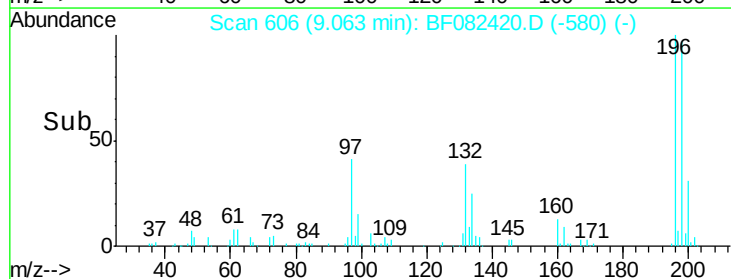
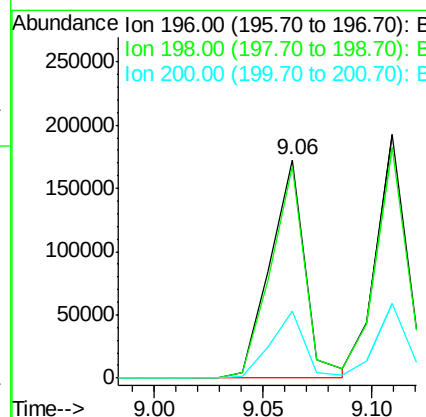
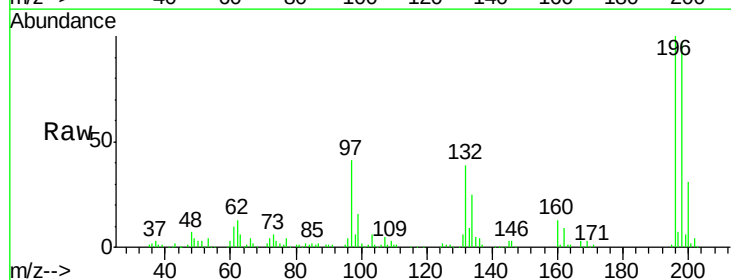
Instrument :
 BNA_F
 ClientSampleId :
 B11-WASTE-CHAR.-2MS

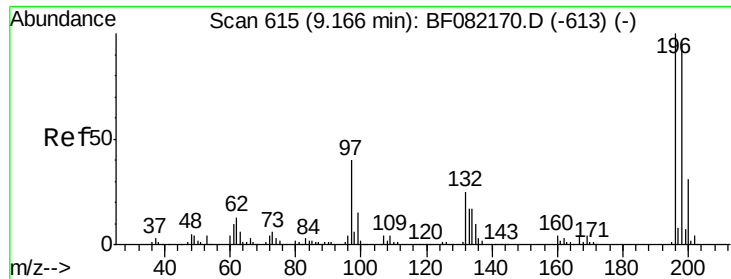
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	36.3	29.8	44.8



#42
 2,4,6-Trichlorophenol
 Concen: 40.55 ng
 RT: 9.06 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF082420.D
 Acq: 21 Oct 2015 22:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.6	115.0
200	30.9	23.7	35.5

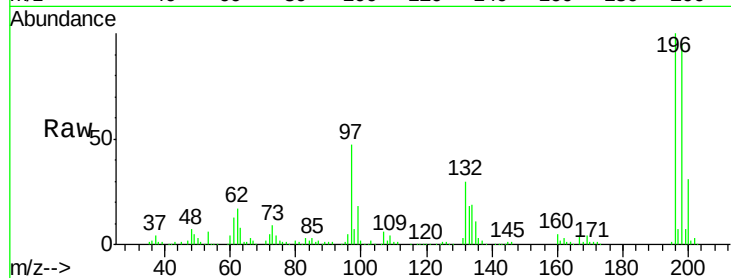




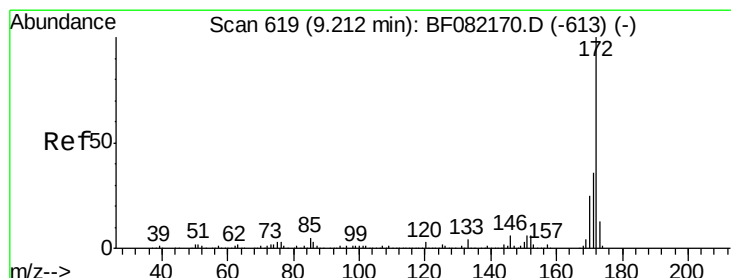
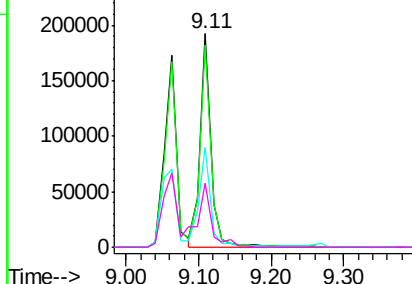
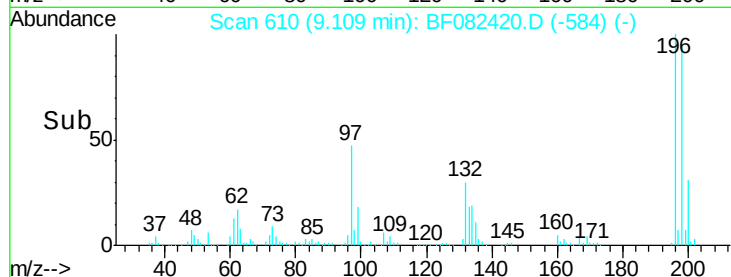
#43
 2,4,5-Trichlorophenol
 Concen: 38.80 ng
 RT: 9.11 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF082420.D
 Acq: 21 Oct 2015 22:51

Instrument :
 BNA_F
 ClientSampleId :
 B11-WASTE-CHAR.-2MS

Tot Ion:196	Resp:	201905
Ion Ratio	Lower	Upper
196 100		
198 94.6	77.0	115.4
97 47.0	31.9	47.9
132 29.7	20.3	30.5

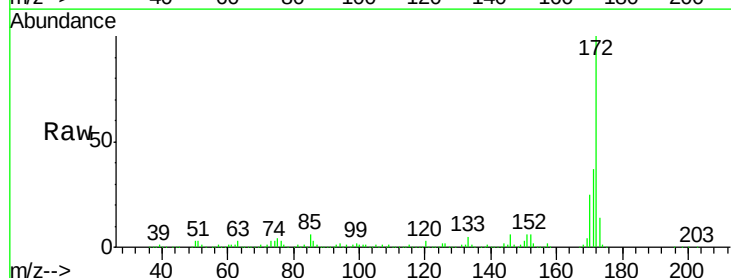


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

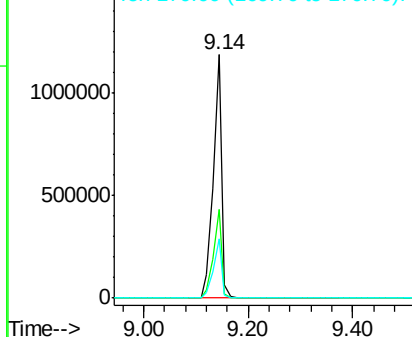
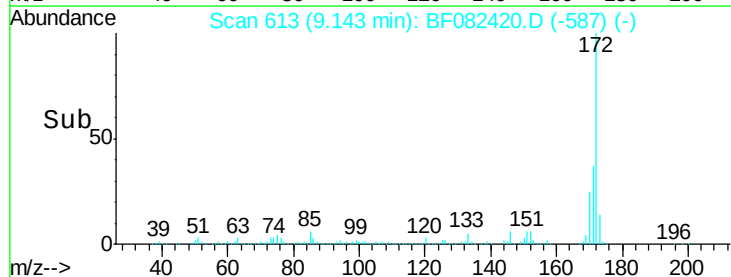


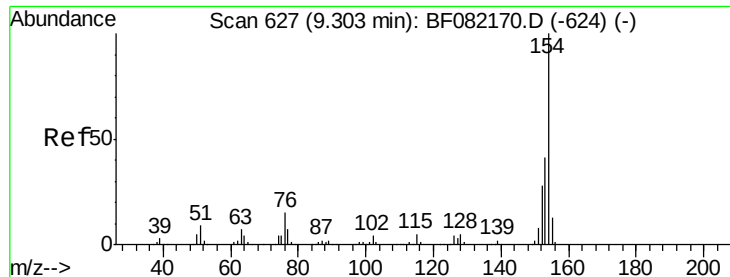
#44
 2-Fluorobiphenyl
 Concen: 89.96 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082420.D
 Acq: 21 Oct 2015 22:51

Tgt Ion	172	Resp: Lower	1318987 Upper
	Ratio		
172	100		
171	36.7	28.6	42.8
170	24.6	19.7	29.5



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





#45

1,1'-Biphenyl

Concen: 39.72 ng

RT: 9.25 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MS

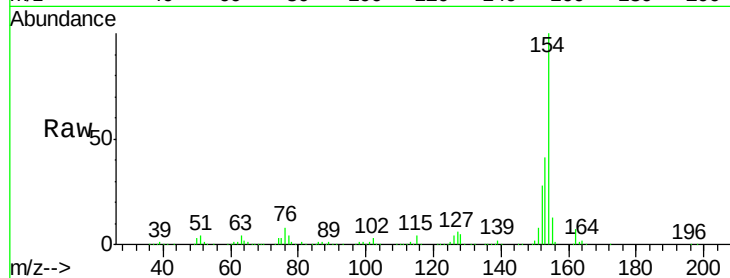
Tot Ion:154 Resp: 736524

Ion Ratio Lower Upper

154 100

153 40.7 20.6 60.6

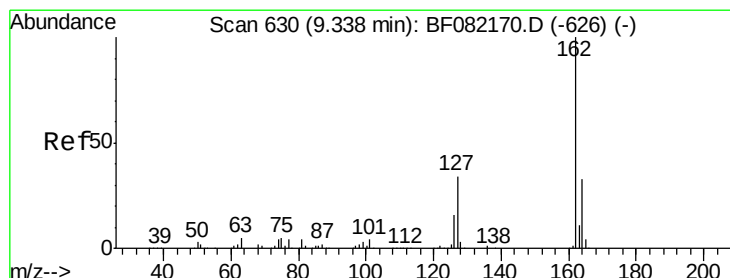
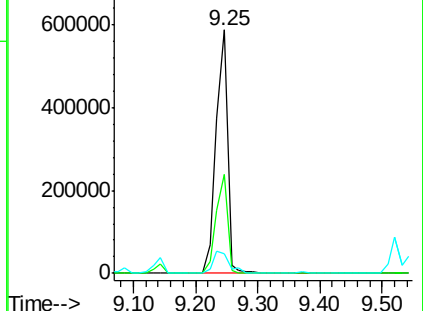
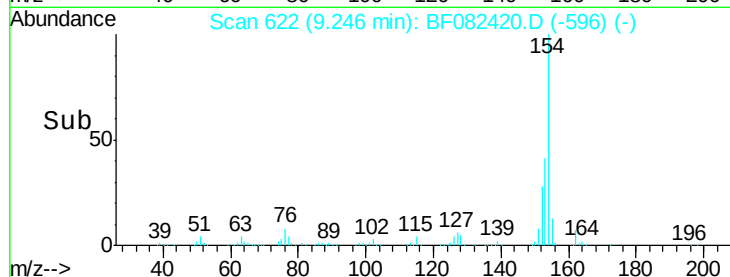
76 8.2 0.0 35.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.33 ng

RT: 9.27 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

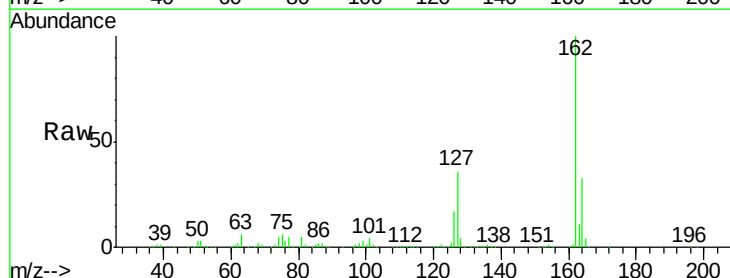
Tgt Ion:162 Resp: 588628

Ion Ratio Lower Upper

162 100

127 35.9 27.5 41.3

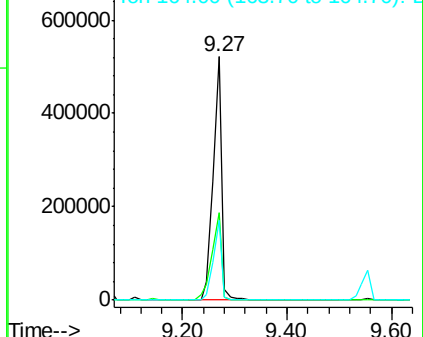
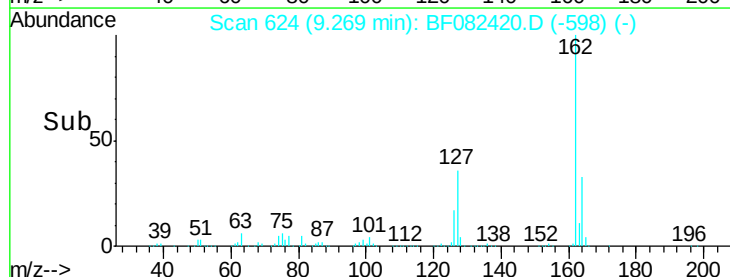
164 32.8 26.6 39.8

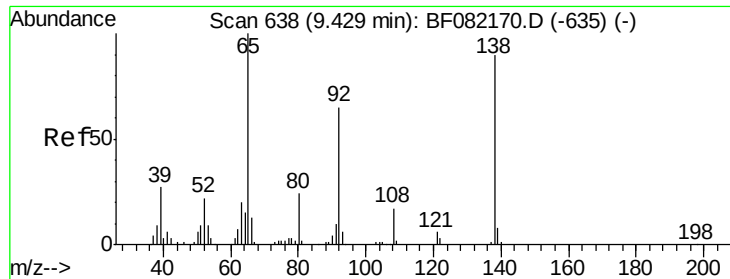


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 43.29 ng

RT: 9.37 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MS

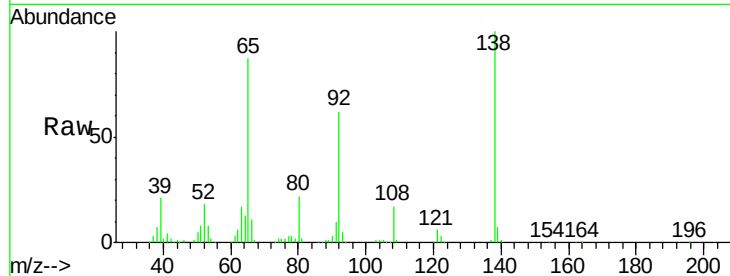
Tot Ion: 65 Resp: 173463

Ion Ratio Lower Upper

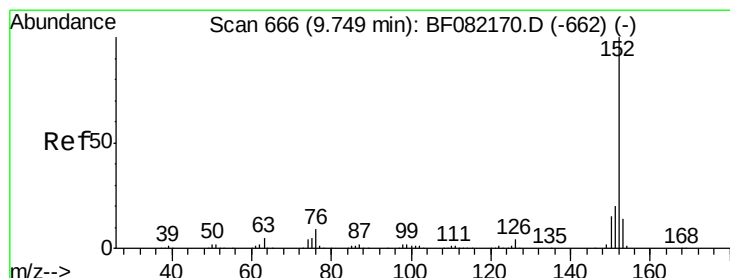
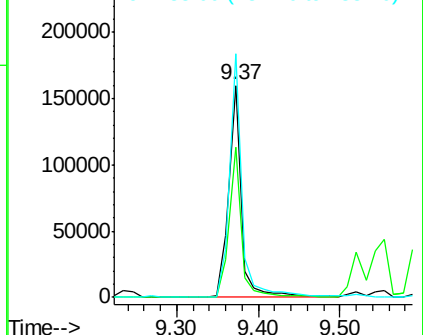
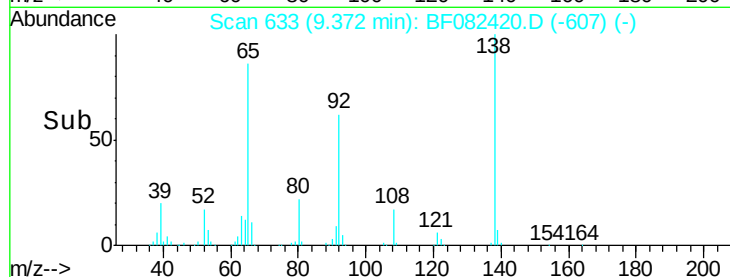
65 100

92 70.9 52.3 78.5

138 114.8 72.2 108.4#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 39.52 ng

RT: 9.68 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

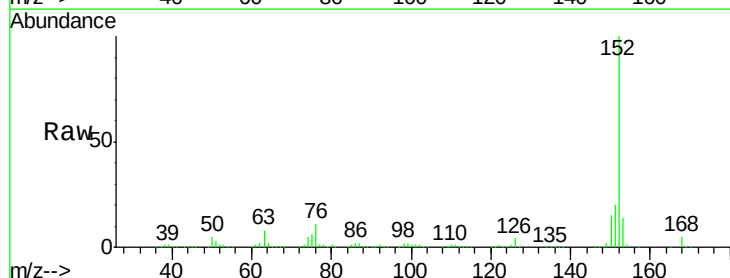
Tgt Ion: 152 Resp: 898722

Ion Ratio Lower Upper

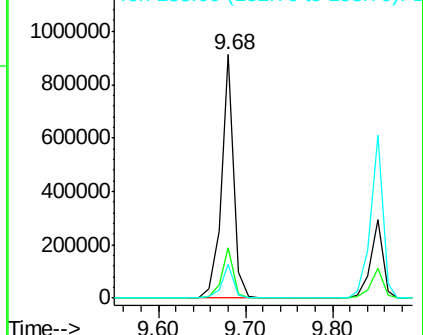
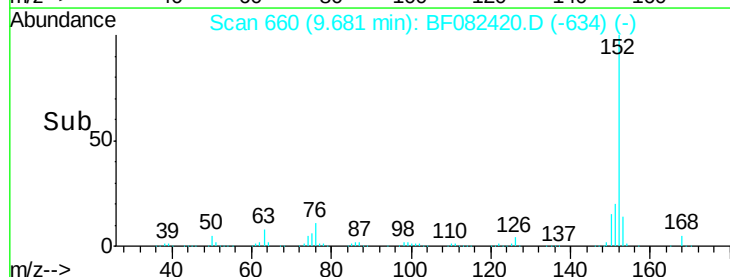
152 100

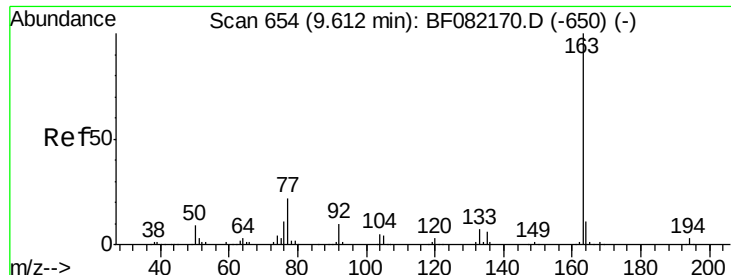
151 20.4 16.4 24.6

153 13.8 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

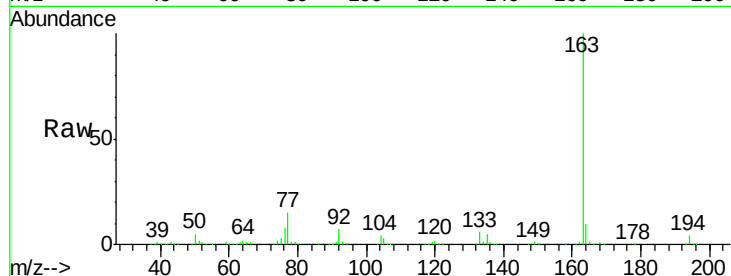




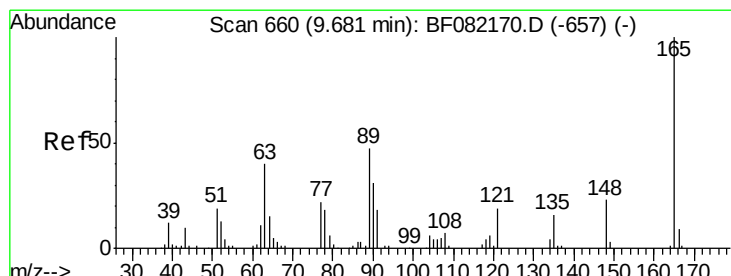
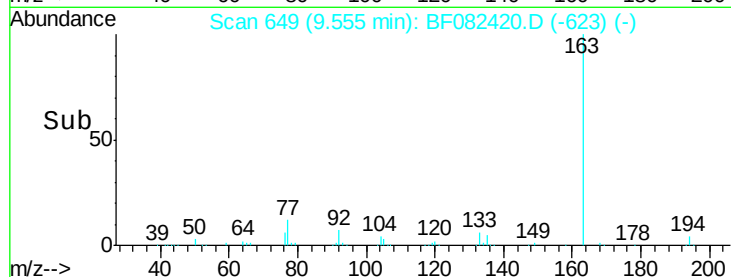
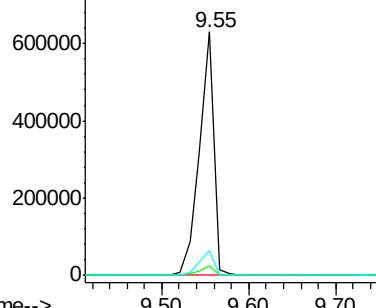
#49
Dimethylphthalate
Concen: 42.60 ng
RT: 9.55 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF082420.D
Acq: 21 Oct 2015 22:51

Instrument :
BNA_F
ClientSampleId :
B11-WASTE-CHAR.-2MS

Tot Ion:163 Resp: 729475
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.0 8.5 12.7

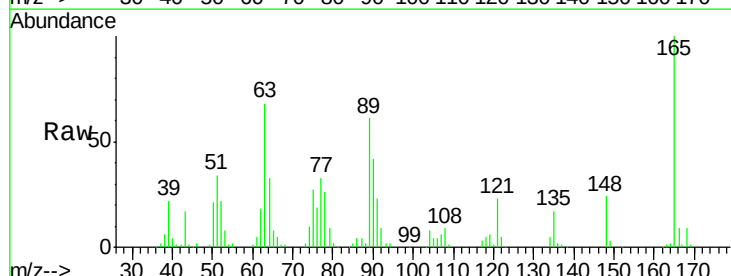


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

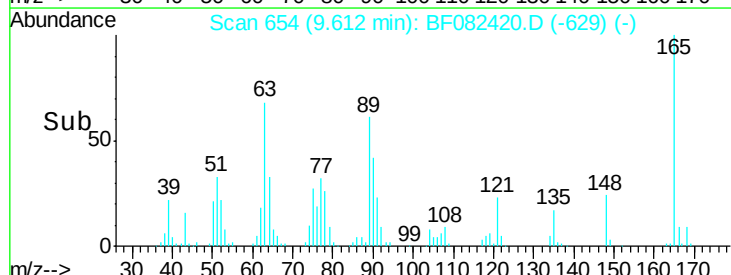
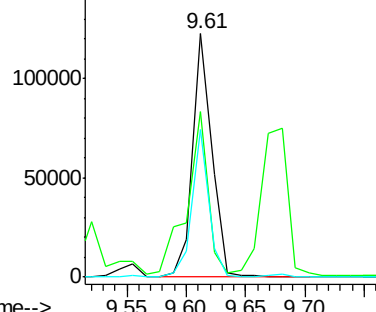


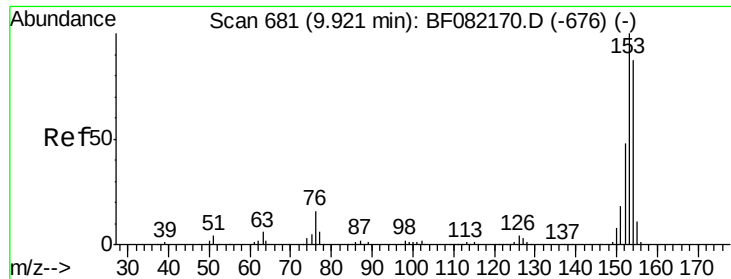
#50
2,6-Dinitrotoluene
Concen: 38.03 ng
RT: 9.61 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF082420.D
Acq: 21 Oct 2015 22:51

Tgt Ion:165 Resp: 137404
Ion Ratio Lower Upper
165 100
63 67.8 36.7 55.1#
89 60.7 37.8 56.6#



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





#51

Acenaphthene

Concen: 38.58 ng

RT: 9.85 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MS

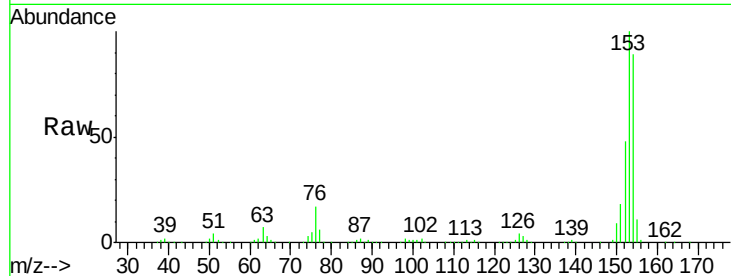
Tot Ion:154 Resp: 526616

Ion Ratio Lower Upper

154 100

153 112.7 91.4 137.2

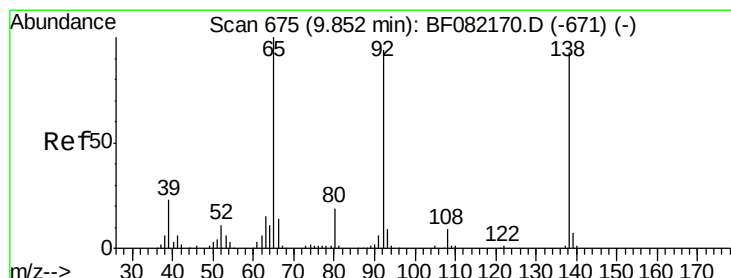
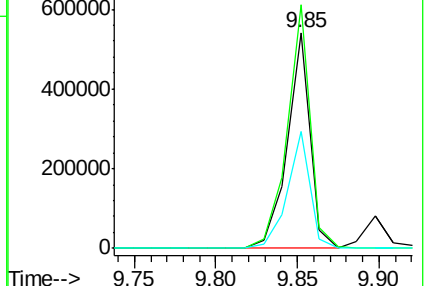
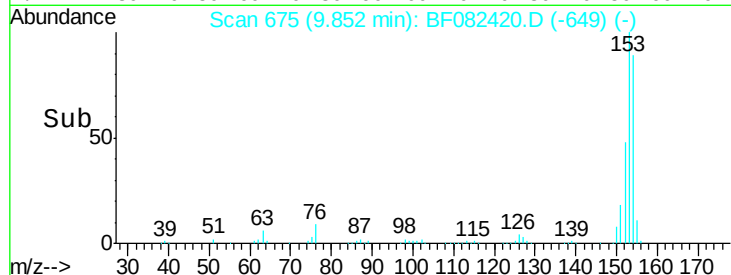
152 54.3 44.3 66.5



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: 22.40 ng

RT: 9.78 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

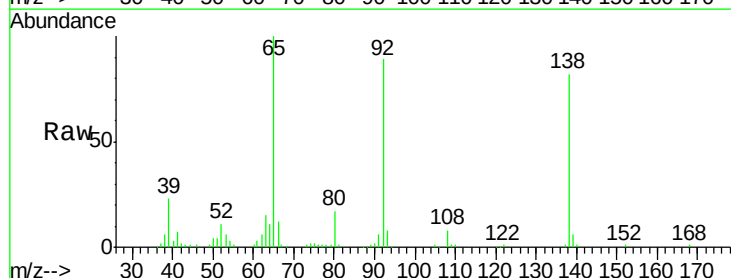
Tgt Ion:138 Resp: 91415

Ion Ratio Lower Upper

138 100

108 10.0 7.4 11.0

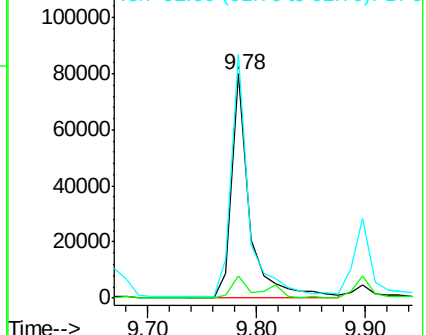
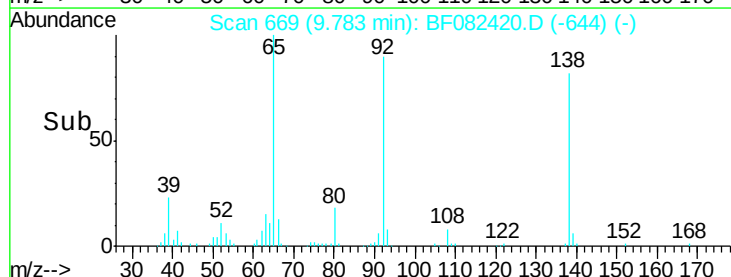
92 108.7 81.3 121.9

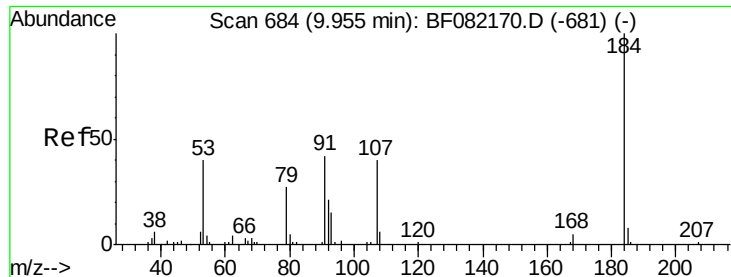


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

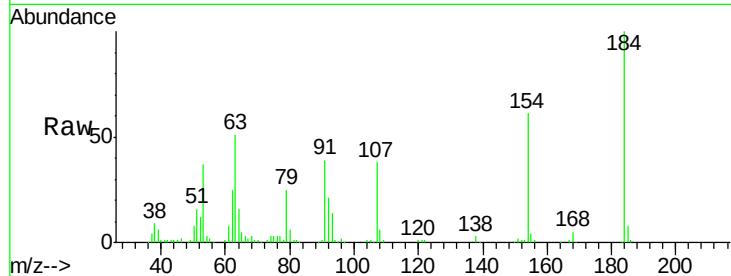




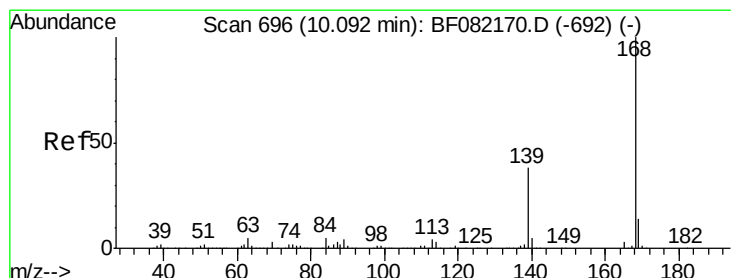
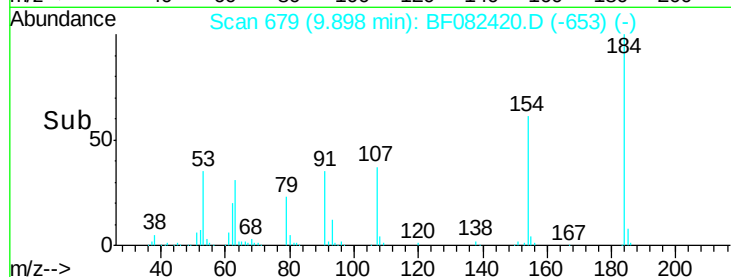
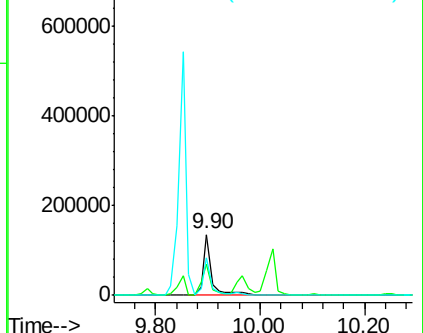
#53
2,4-Dinitrophenol
Concen: 77.56 ng
RT: 9.90 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF082420.D
Acq: 21 Oct 2015 22:51

Instrument :
BNA_F
ClientSampleId :
B11-WASTE-CHAR.-2MS

Tot Ion:184 Resp: 156159
Ion Ratio Lower Upper
184 100
63 51.3 45.1 67.7
154 60.9 51.2 76.8

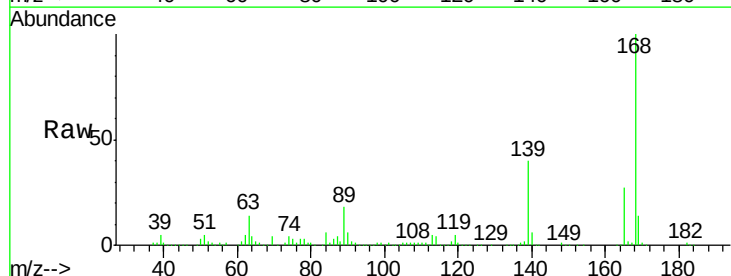


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

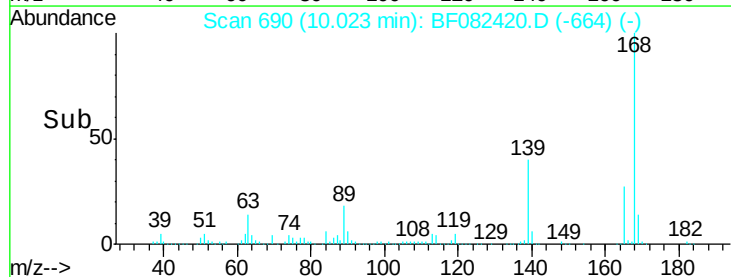
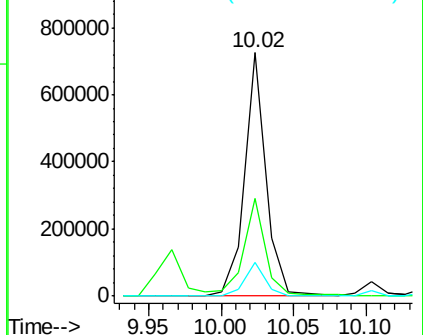


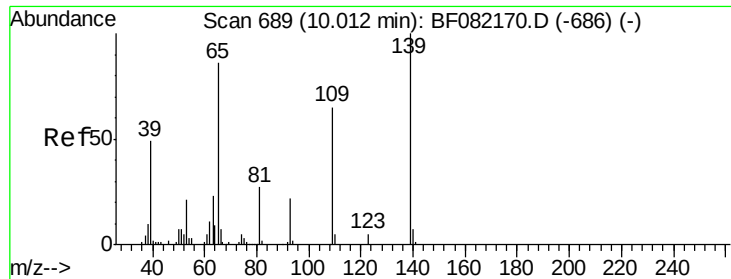
#54
Dibenzofuran
Concen: 39.87 ng
RT: 10.02 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF082420.D
Acq: 21 Oct 2015 22:51

Tgt Ion:168 Resp: 747223
Ion Ratio Lower Upper
168 100
139 40.3 31.0 46.6
169 13.9 10.9 16.3



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

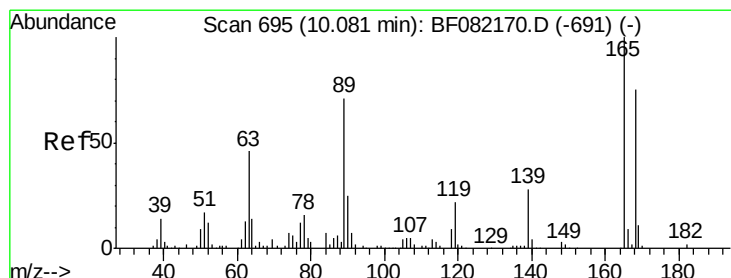
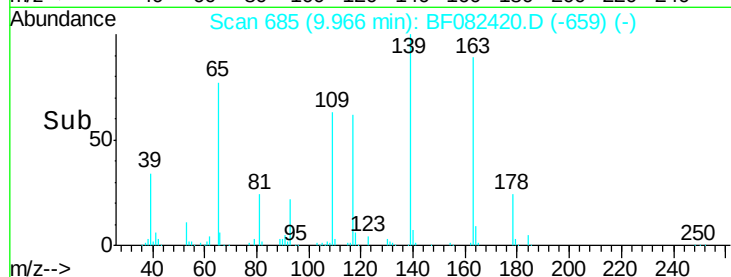
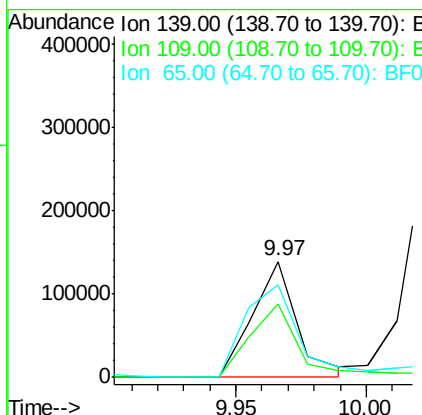
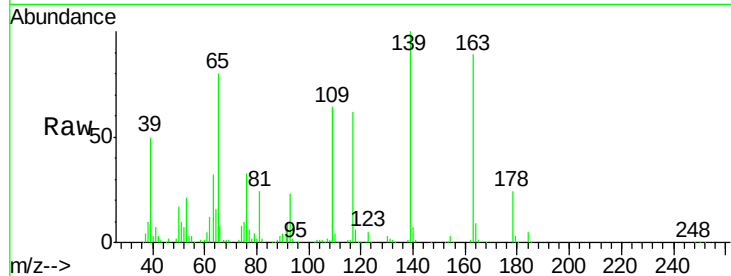




#55
4-Nitrophenol
Concen: 64.20 ng
RT: 9.97 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF082420.D
Acq: 21 Oct 2015 22:51

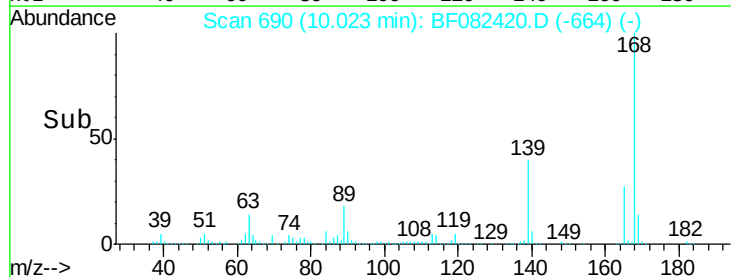
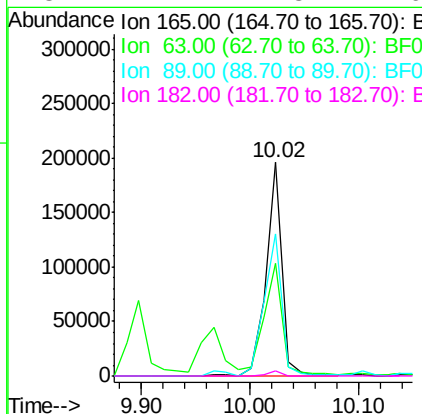
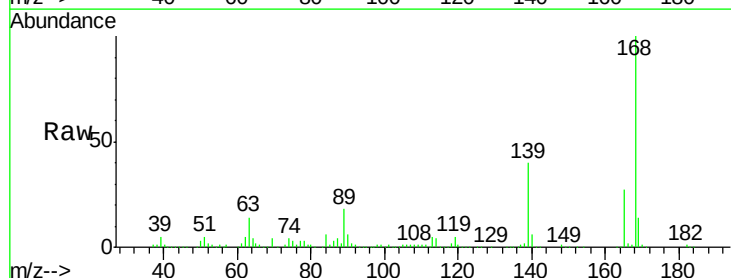
Instrument :
BNA_F
ClientSampleId :
B11-WASTE-CHAR.-2MS

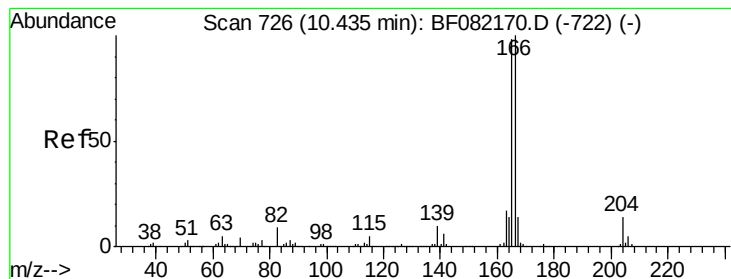
Tot Ion	Ratio	Lower	Upper
139	100		
109	63.6	44.8	84.8
65	79.5	67.7	107.7



#56
2,4-Dinitrotoluene
Concen: 44.68 ng
RT: 10.02 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF082420.D
Acq: 21 Oct 2015 22:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.7	38.6	58.0
89	66.8	57.0	85.6
182	2.2	1.8	2.6





#57

Fluorene

Concen: 39.94 ng

RT: 10.37 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MS

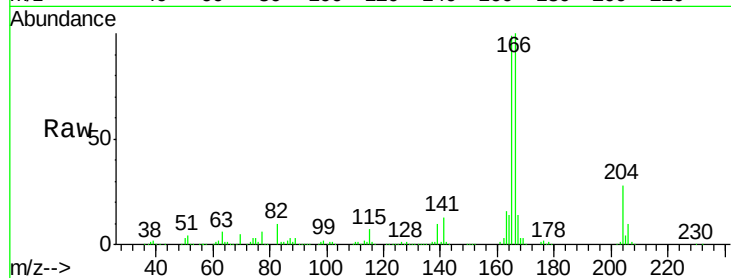
Tot Ion:166 Resp: 614729

Ion Ratio Lower Upper

166 100

165 99.2 78.3 117.5

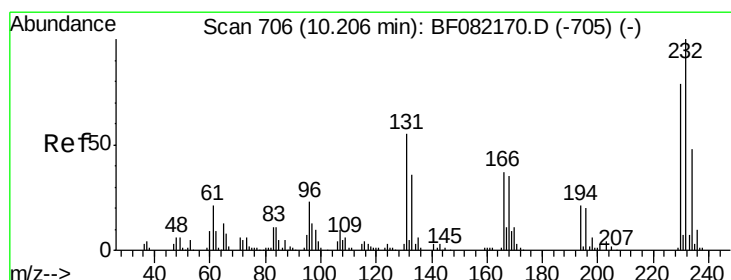
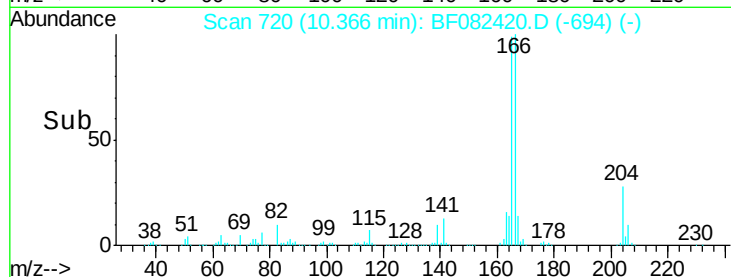
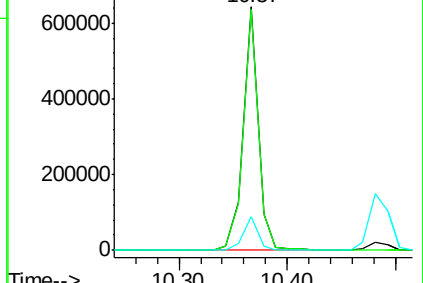
167 13.7 10.8 16.2



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: 40.36 ng

RT: 10.15 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

Tgt Ion:232 Resp: 171586

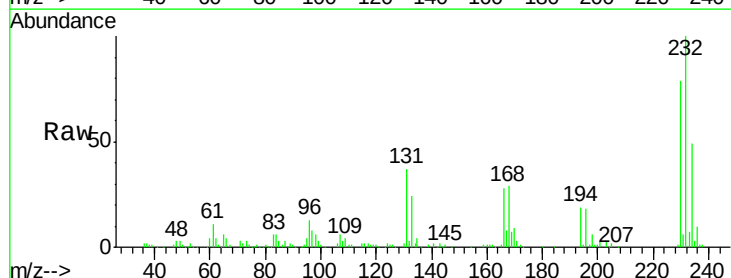
Ion Ratio Lower Upper

232 100

131 42.9 36.6 54.8

130 1.9 1.5 2.3

166 29.0 24.6 37.0

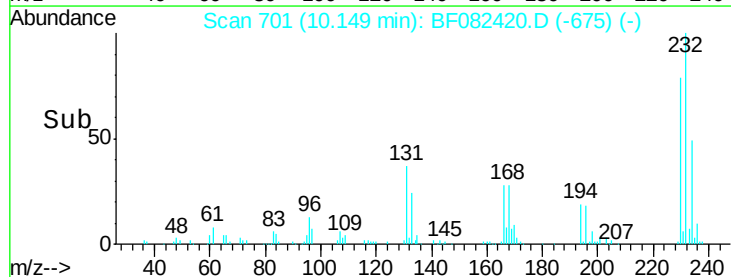
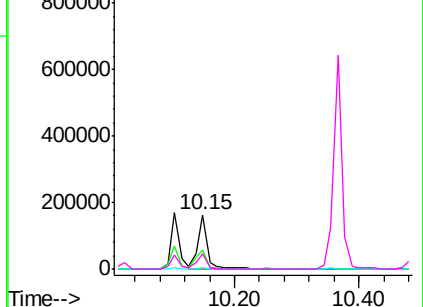


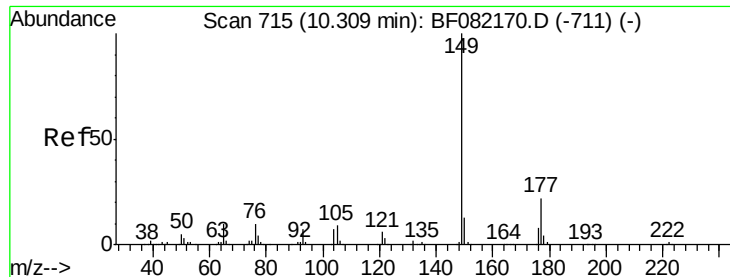
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 46.14 ng

RT: 10.25 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MS

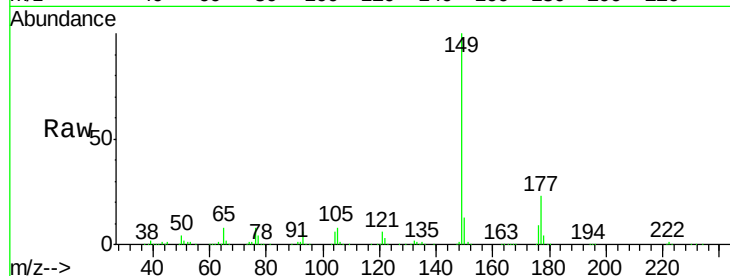
Tot Ion:149 Resp: 736490

Ion Ratio Lower Upper

149 100

177 23.1 17.6 26.4

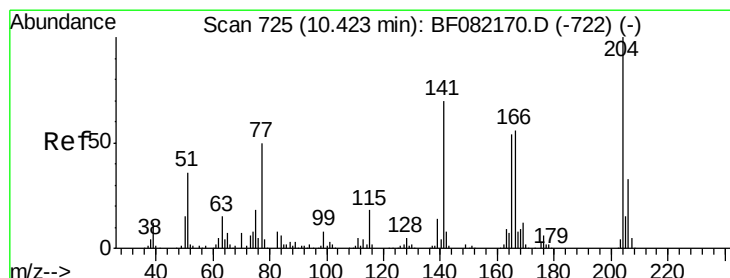
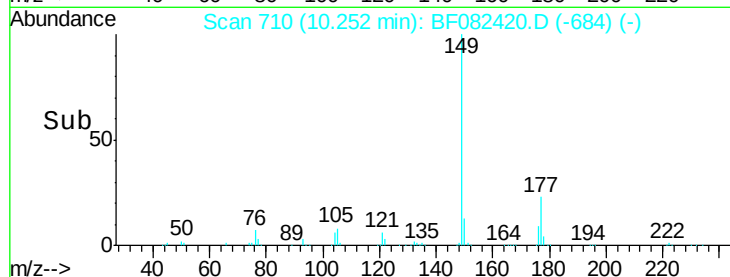
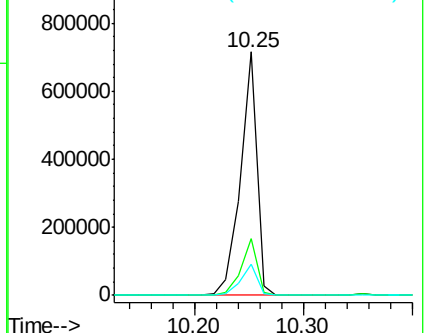
150 12.6 10.3 15.5



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: 40.92 ng

RT: 10.35 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

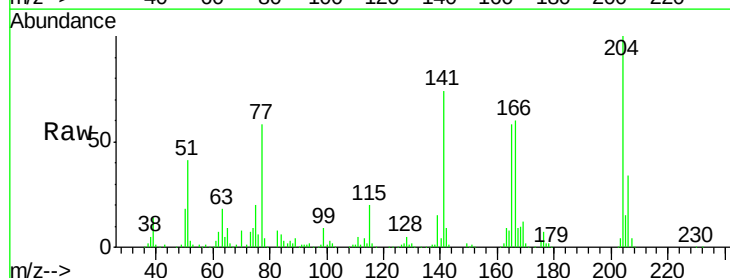
Tgt Ion:204 Resp: 288493

Ion Ratio Lower Upper

204 100

206 34.3 26.8 40.2

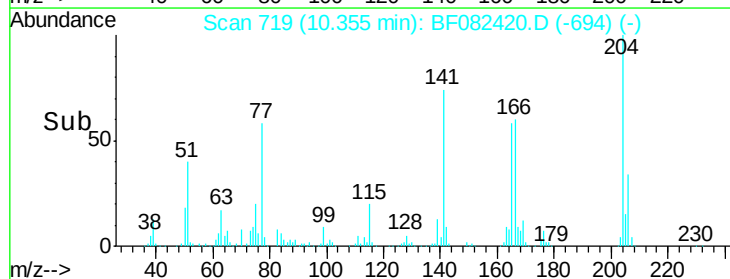
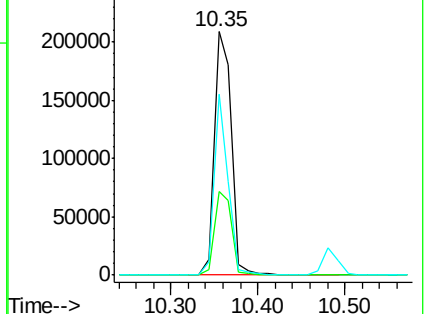
141 74.2 56.1 84.1

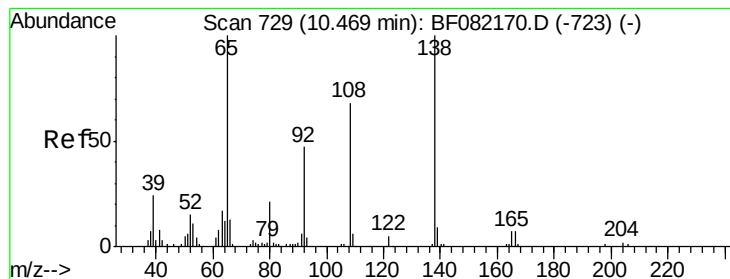


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.03 ng

RT: 10.41 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MS

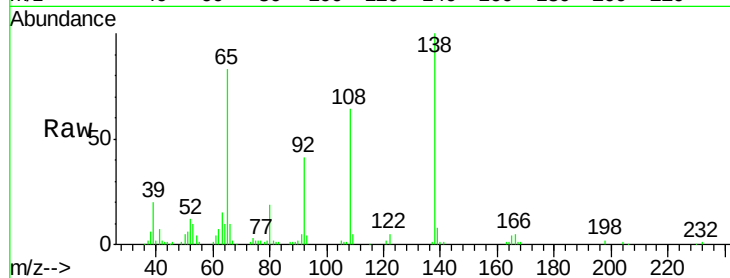
Tot Ion:138 Resp: 150526

Ion Ratio Lower Upper

138 100

92 41.4 26.8 66.8

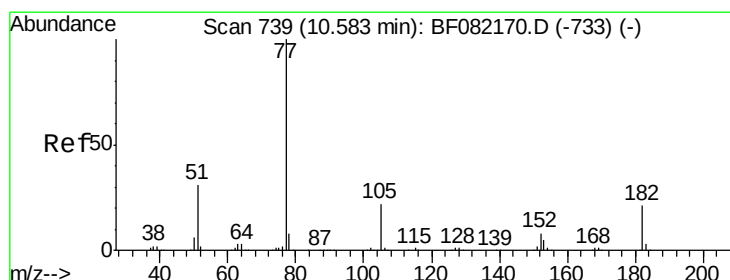
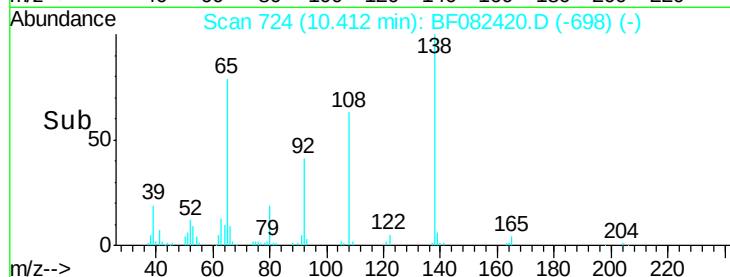
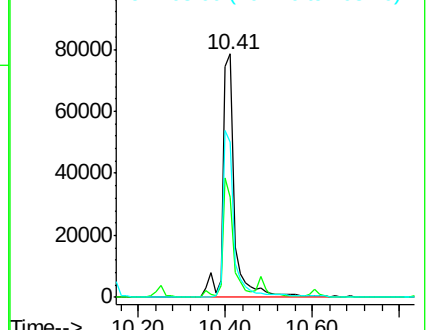
108 63.7 48.4 88.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.32 ng

RT: 10.51 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

Tgt Ion: 77 Resp: 645397

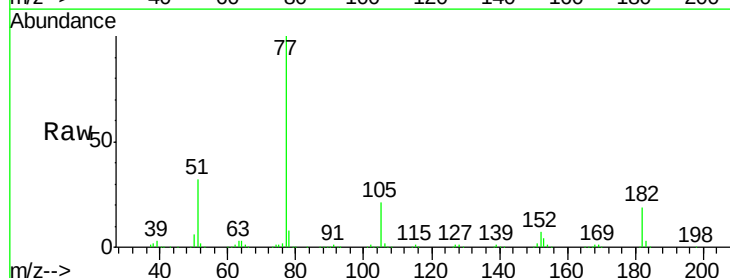
Ion Ratio Lower Upper

77 100

182 18.6 0.5 40.5

105 21.1 1.8 41.8

51 31.5 11.2 51.2

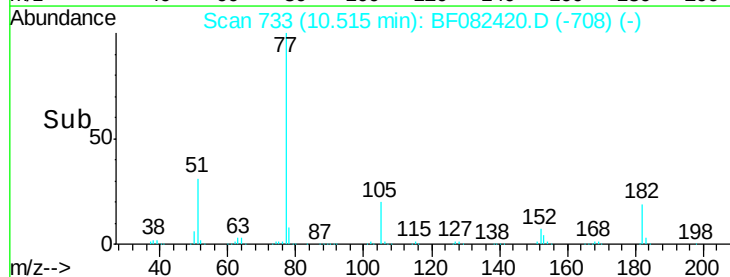
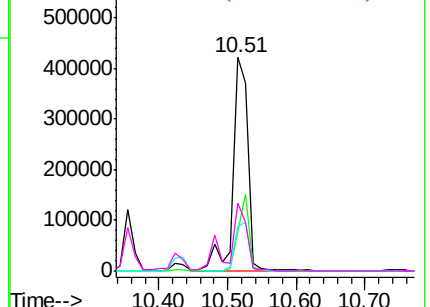


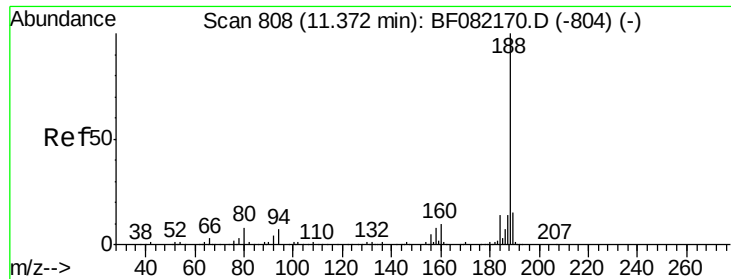
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

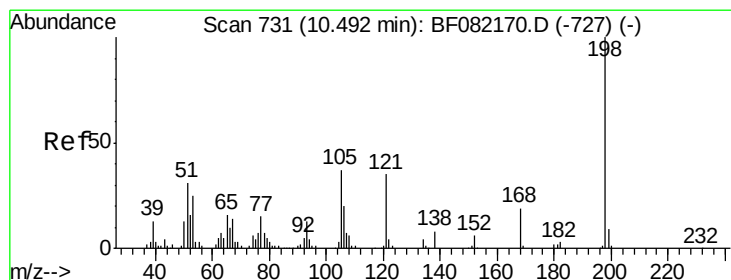
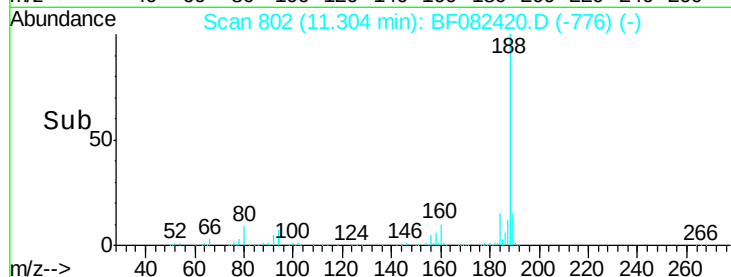
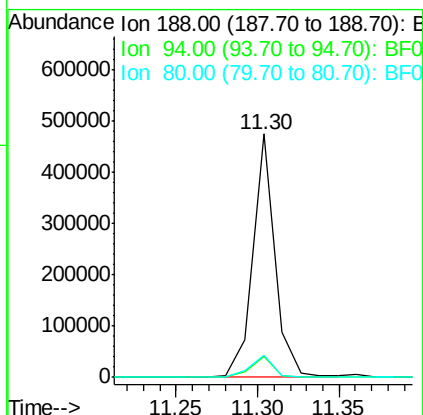
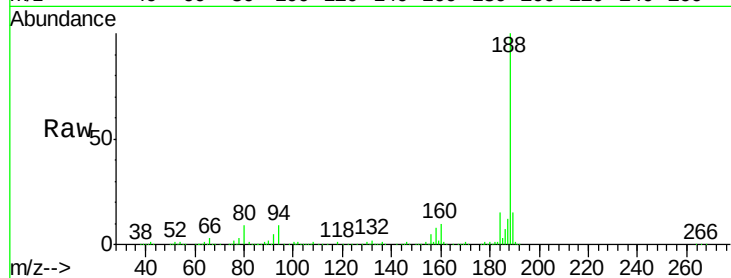




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF082420.D
Acq: 21 Oct 2015 22:51

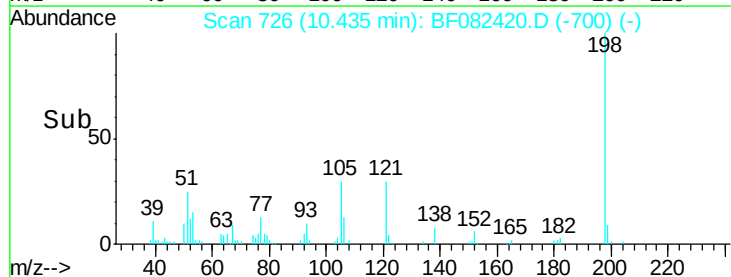
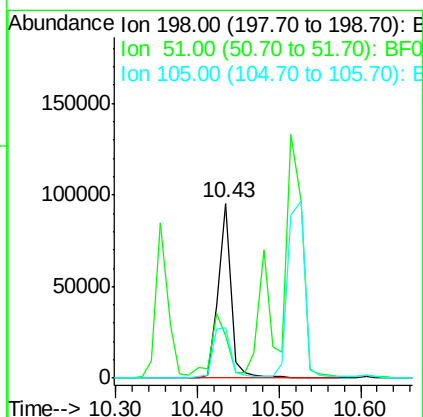
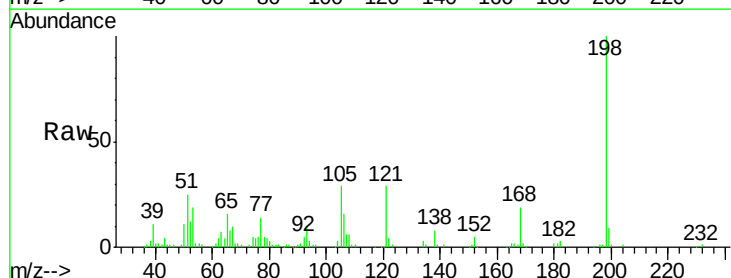
Instrument :
BNA_F
ClientSampleId :
B11-WASTE-CHAR.-2MS

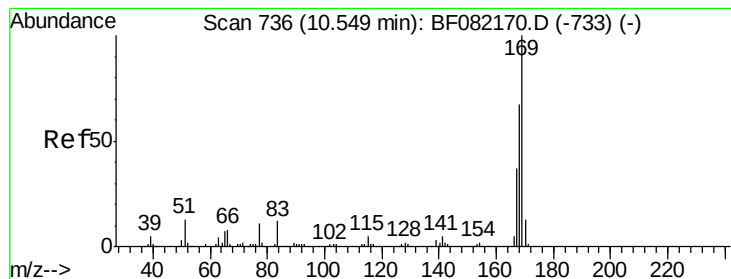
Tot Ion:188 Resp: 449424
Ion Ratio Lower Upper
188 100
94 8.5 5.8 8.6
80 9.1 6.4 9.6



#64
4,6-Dinitro-2-methylphenol
Concen: 42.10 ng
RT: 10.43 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF082420.D
Acq: 21 Oct 2015 22:51

Tgt Ion:198 Resp: 106179
Ion Ratio Lower Upper
198 100
51 24.6 13.6 53.6
105 29.0 17.1 57.1

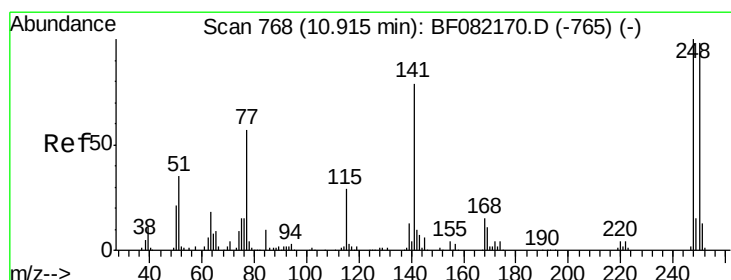
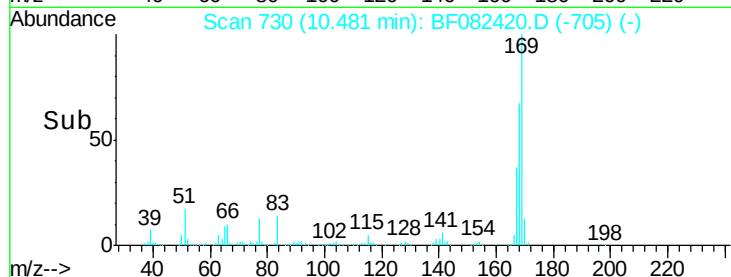
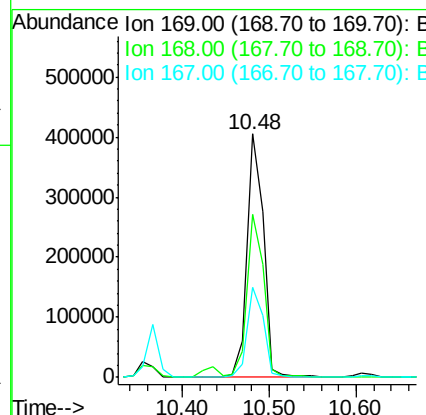
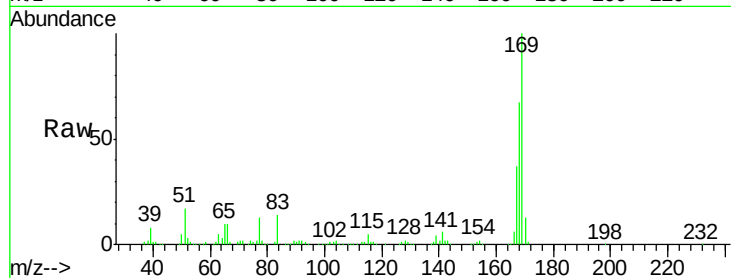




#65
 n-Nitrosodiphenylamine
 Concen: 39.87 ng
 RT: 10.48 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF082420.D
 Acq: 21 Oct 2015 22:51

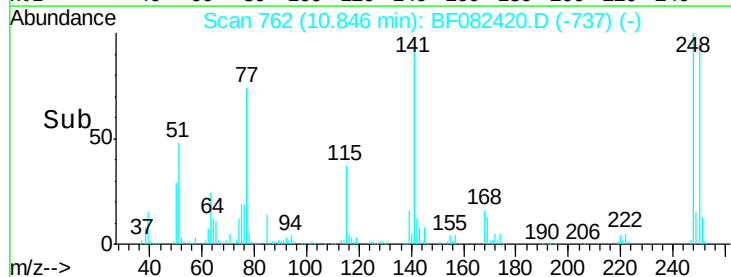
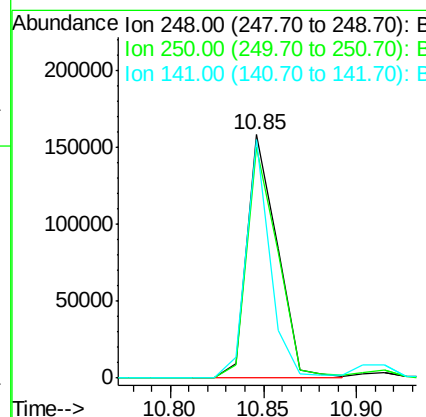
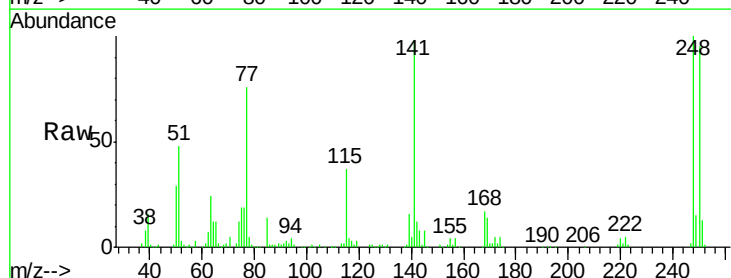
Instrument :
 BNA_F
 ClientSampleId :
 B11-WASTE-CHAR.-2MS

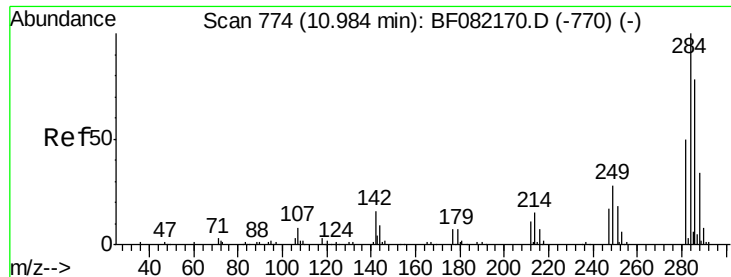
Tot Ion:169 Resp: 536524
 Ion Ratio Lower Upper
 169 100
 168 66.9 54.0 81.0
 167 37.0 29.6 44.4



#66
 4-Bromophenyl-phenylether
 Concen: 39.83 ng
 RT: 10.85 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF082420.D
 Acq: 21 Oct 2015 22:51

Tgt Ion:248 Resp: 179160
 Ion Ratio Lower Upper
 248 100
 250 94.7 78.6 117.8
 141 98.0 63.3 94.9#

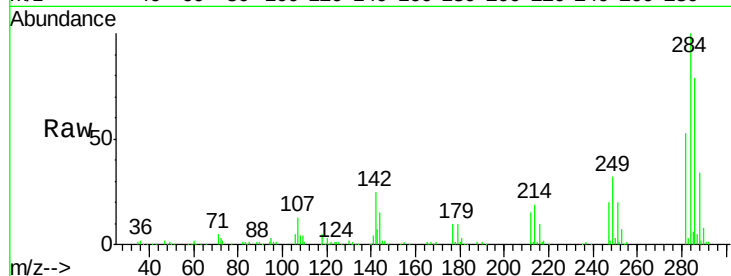




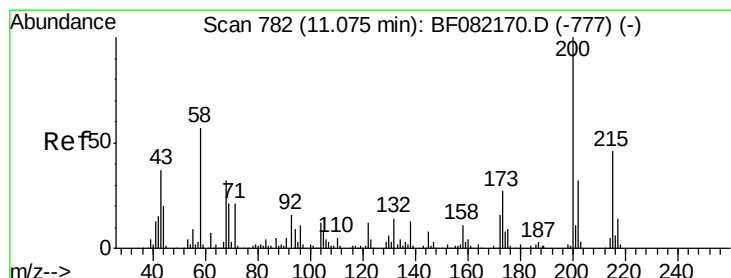
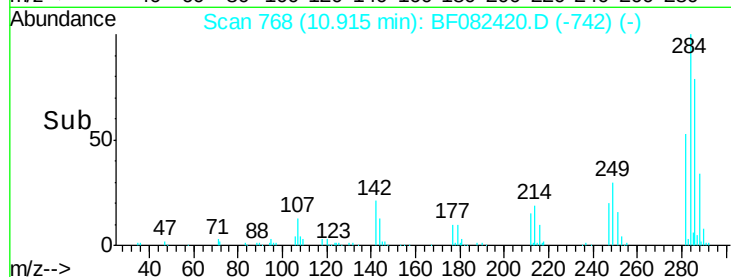
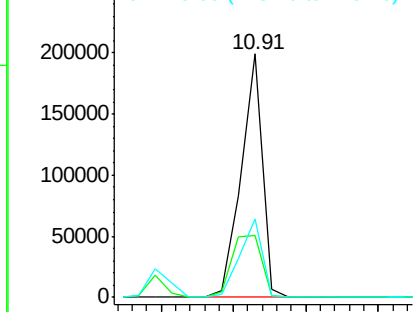
#67
Hexachlorobenzene
Concen: 41.69 ng
RT: 10.91 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF082420.D
Acq: 21 Oct 2015 22:51

Instrument :
BNA_F
ClientSampleId :
B11-WASTE-CHAR.-2MS

Tot Ion:284 Resp: 202811
Ion Ratio Lower Upper
284 100
142 25.4 13.0 19.6#
249 32.2 22.5 33.7

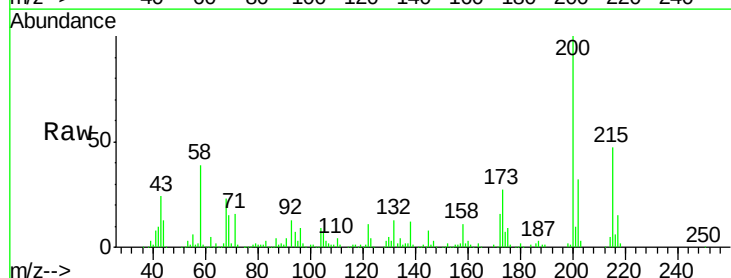


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

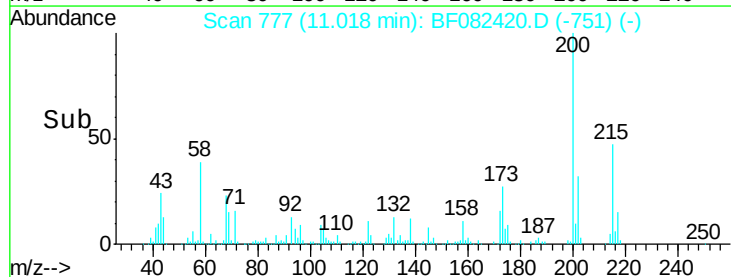
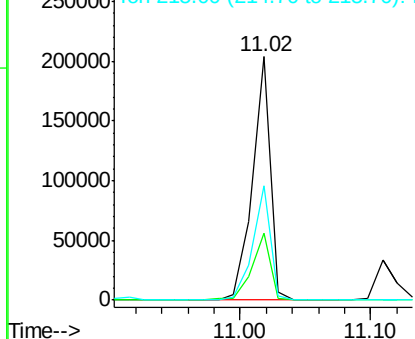


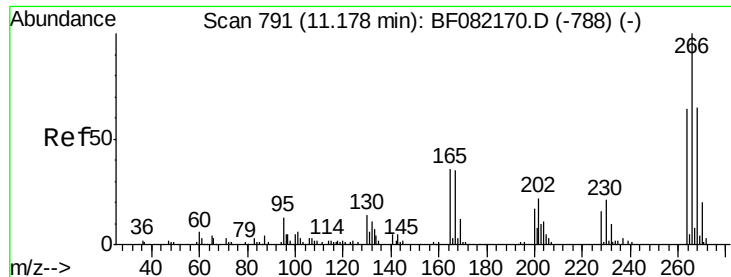
#68
Atrazine
Concen: 45.73 ng
RT: 11.02 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF082420.D
Acq: 21 Oct 2015 22:51

Tgt Ion:200 Resp: 194946
Ion Ratio Lower Upper
200 100
173 27.3 7.3 47.3
215 46.8 26.2 66.2



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

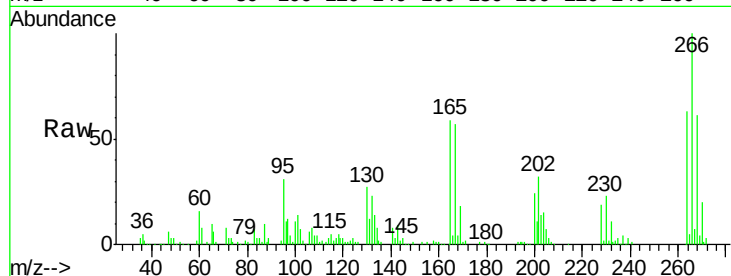




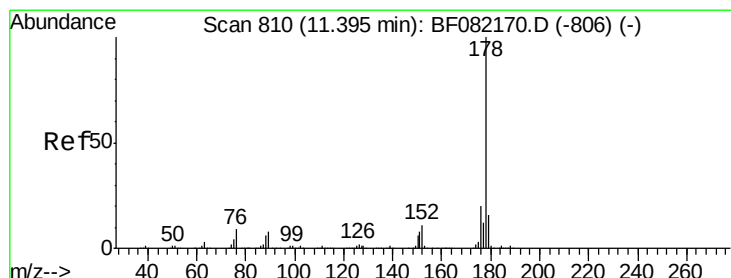
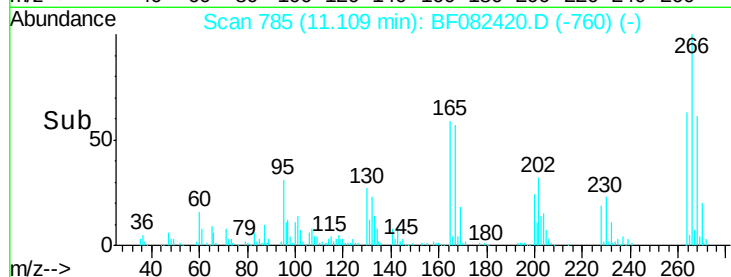
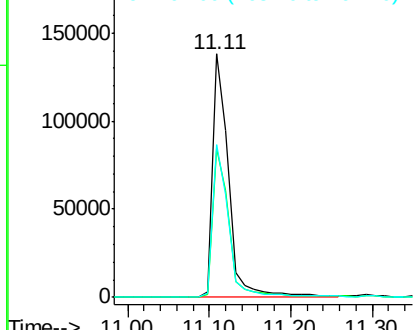
#69
 Pentachlorophenol
 Concen: 76.08 ng
 RT: 11.11 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF082420.D
 Acq: 21 Oct 2015 22:51

Instrument :
 BNA_F
 ClientSampleId :
 B11-WASTE-CHAR.-2MS

Tot Ion:266 Resp: 190421
 Ion Ratio Lower Upper
 266 100
 268 61.2 52.0 78.0
 264 62.7 51.4 77.0

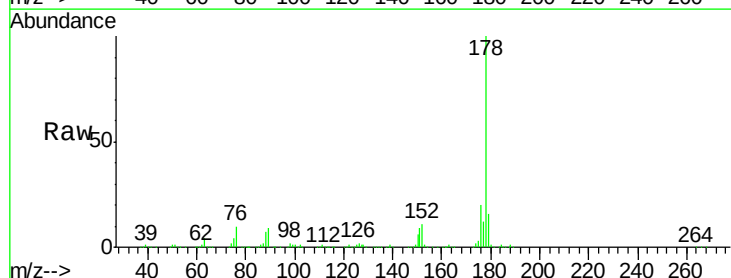


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

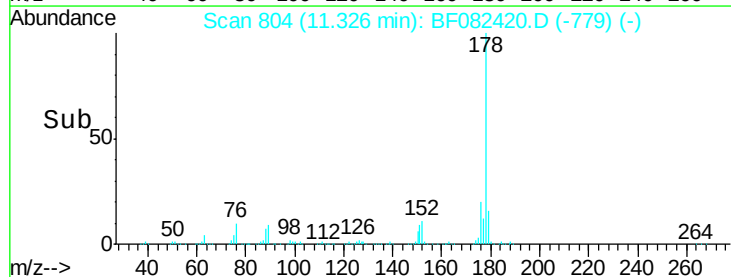
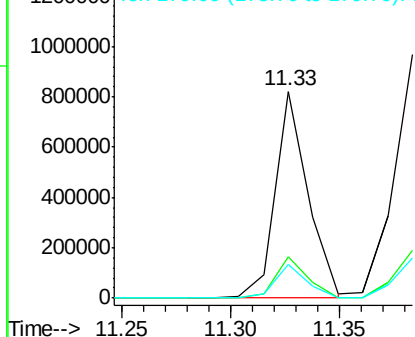


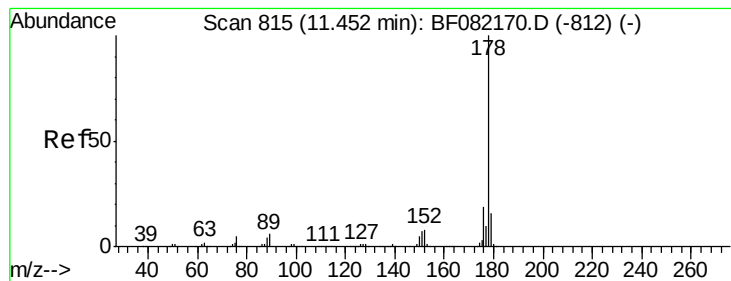
#70
 Phenanthrene
 Concen: 39.28 ng
 RT: 11.33 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF082420.D
 Acq: 21 Oct 2015 22:51

Tgt Ion:178 Resp: 865374
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.0 24.0
 179 16.1 12.6 19.0



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: 44.25 ng

RT: 11.38 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MS

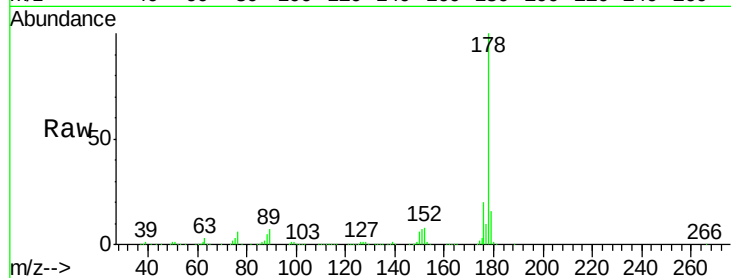
Tot Ion:178 Resp: 1004365

Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.0

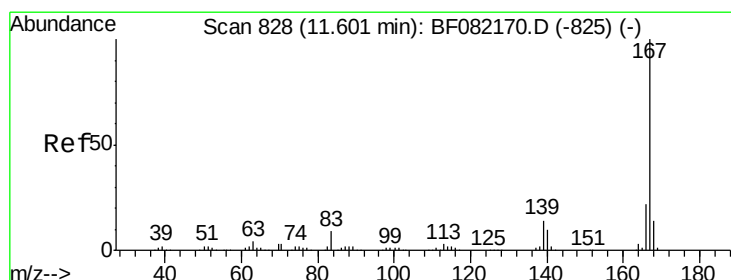
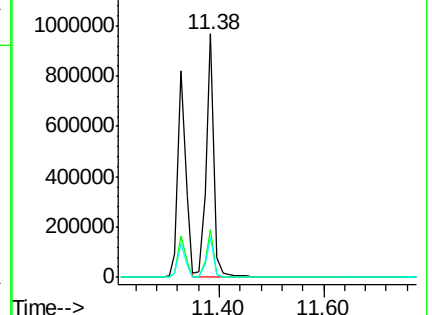
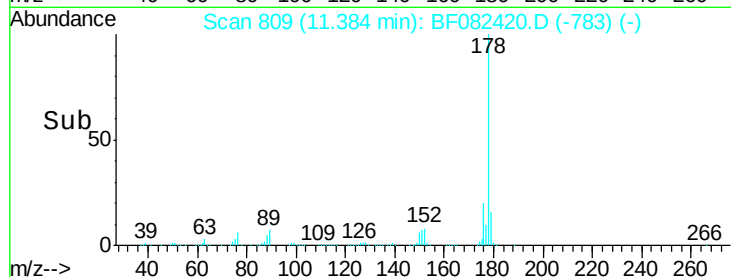
179 16.3 12.5 18.7



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: 42.06 ng

RT: 11.54 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

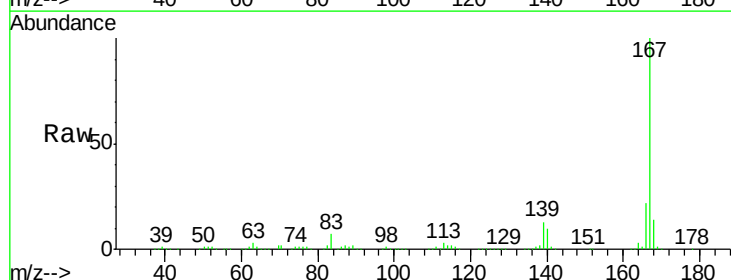
Tgt Ion:167 Resp: 870993

Ion Ratio Lower Upper

167 100

166 22.0 17.3 25.9

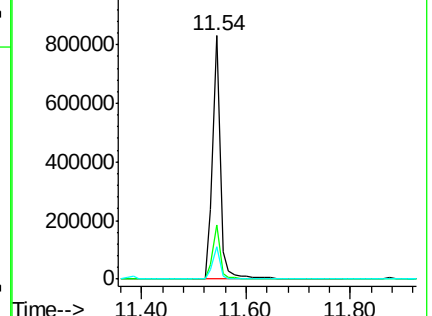
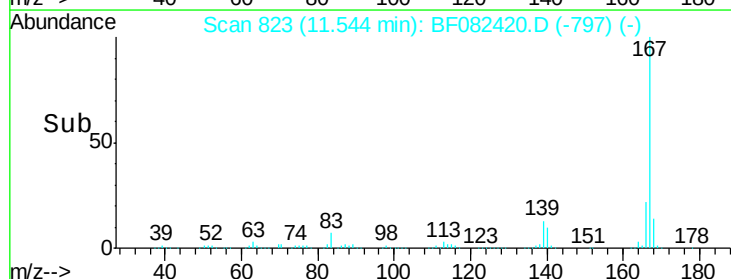
139 13.1 11.2 16.8

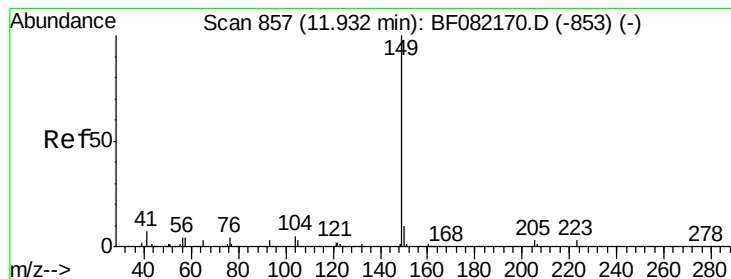


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.61 ng

RT: 11.88 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MS

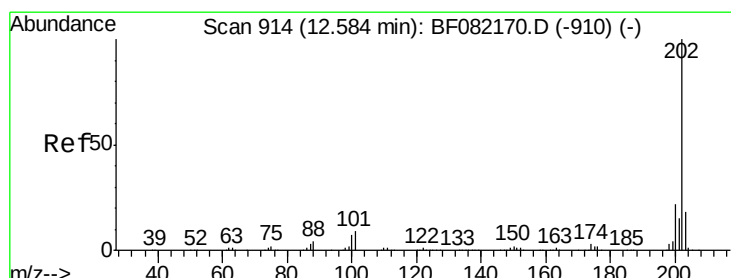
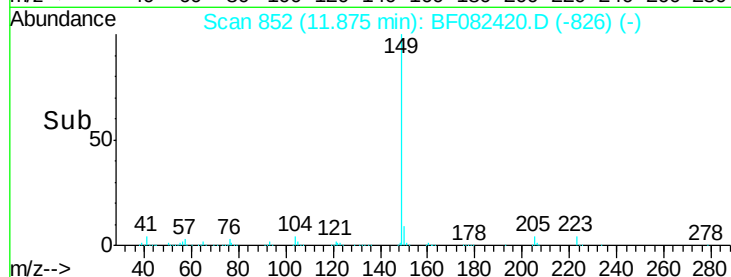
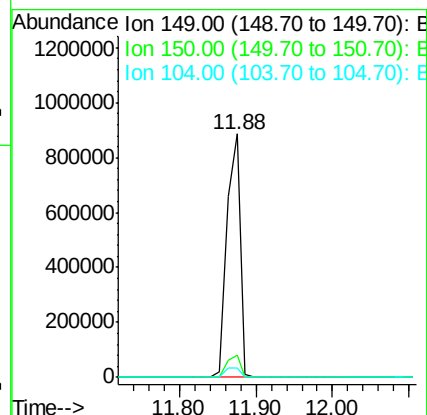
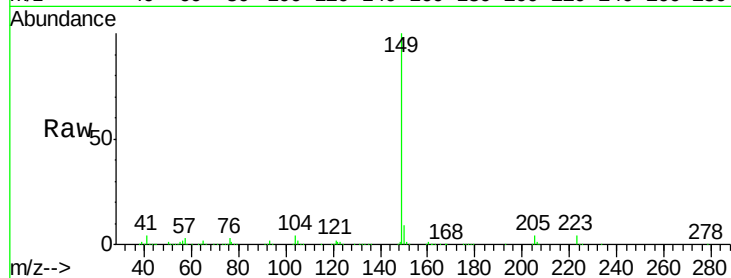
Tot Ion:149 Resp: 1088453

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

104 3.6 3.8 5.8#



#74

Fluoranthene

Concen: 39.28 ng

RT: 12.52 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

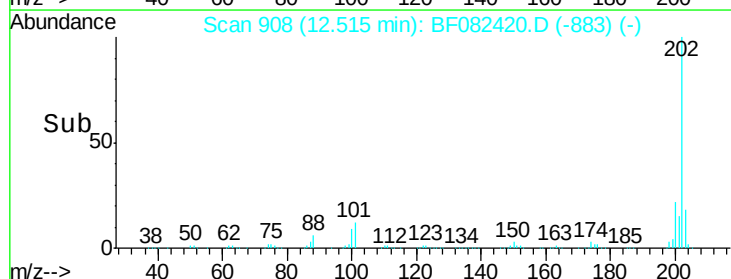
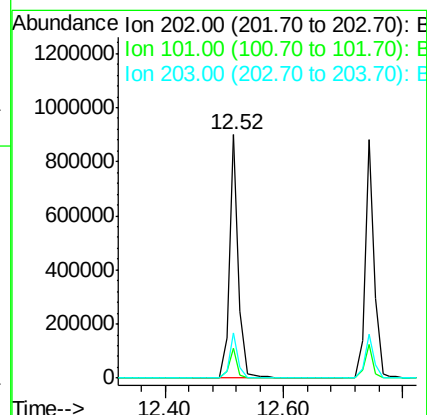
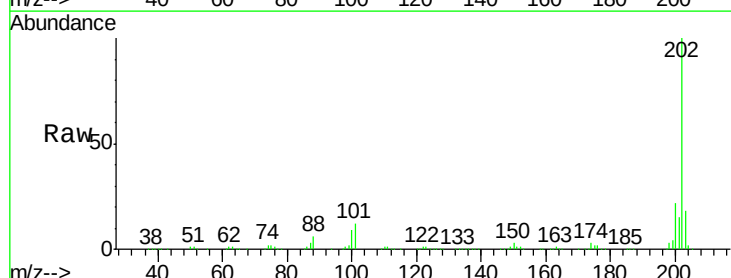
Tgt Ion:202 Resp: 929426

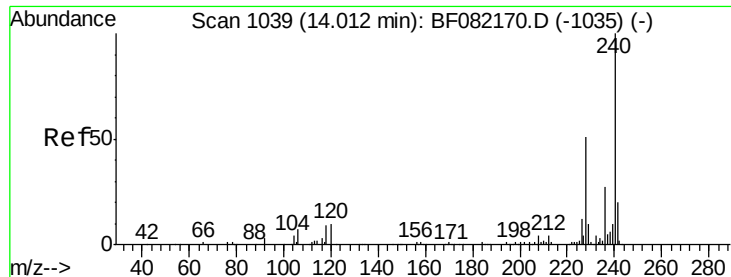
Ion Ratio Lower Upper

202 100

101 12.0 0.0 29.3

203 18.5 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1035

Delta R.T. -0.05 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MS

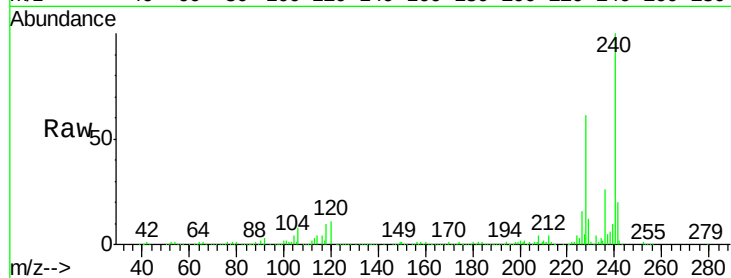
Tot Ion:240 Resp: 377896

Ion Ratio Lower Upper

240 100

120 11.2 8.1 12.1

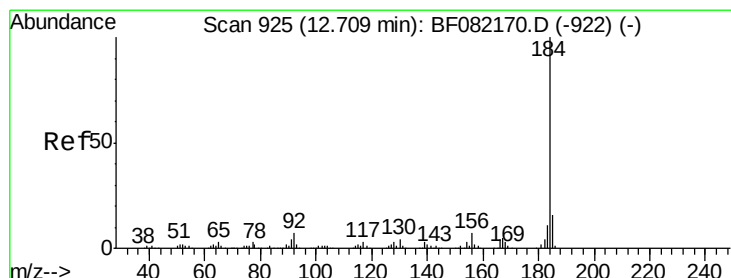
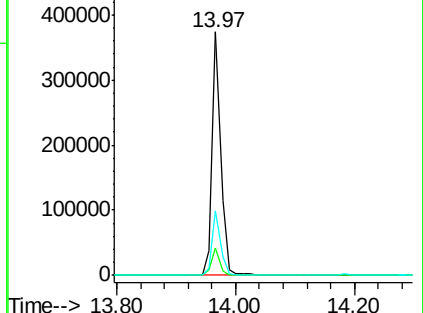
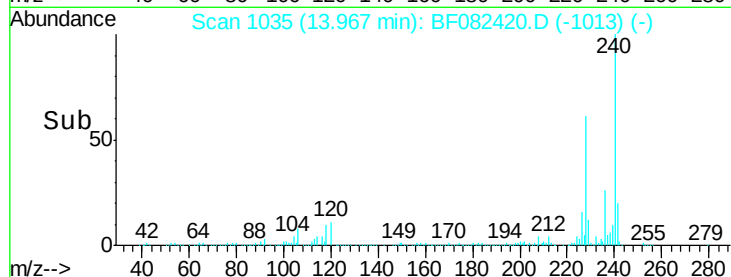
236 26.4 21.3 31.9



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: 8.10 ng

RT: 12.65 min Scan# 920

Delta R.T. -0.00 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

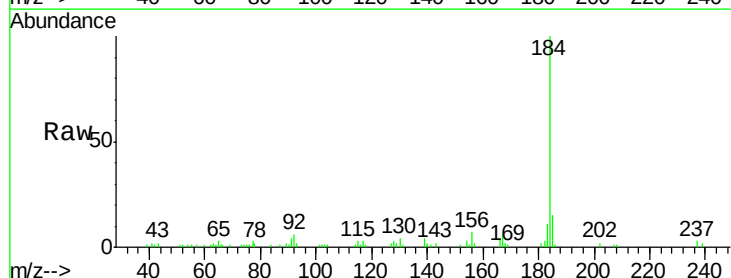
Tgt Ion:184 Resp: 88716

Ion Ratio Lower Upper

184 100

185 14.8 12.5 18.7

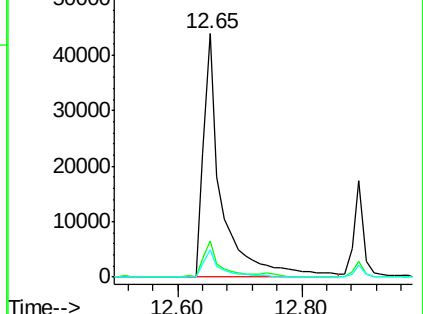
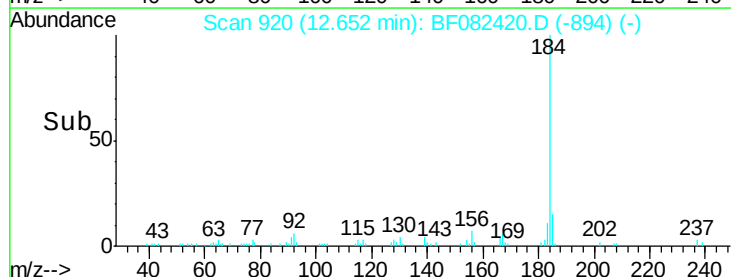
183 11.1 9.1 13.7

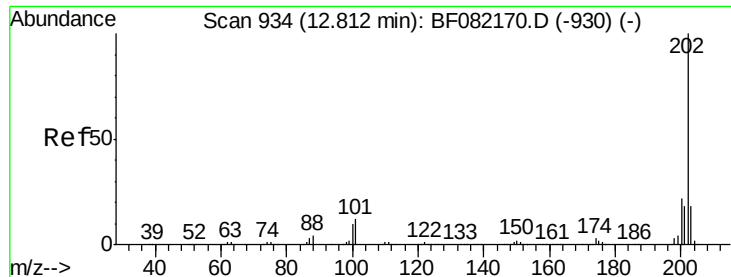


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

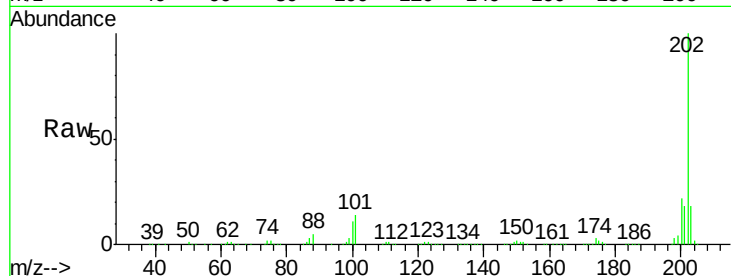




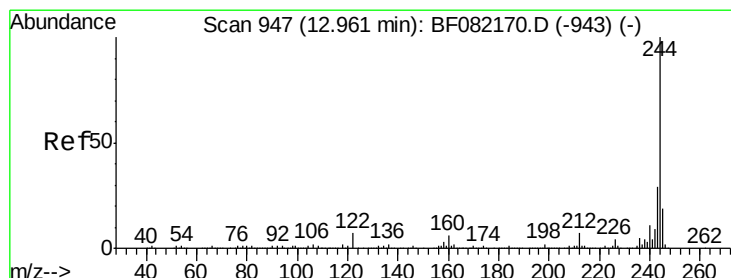
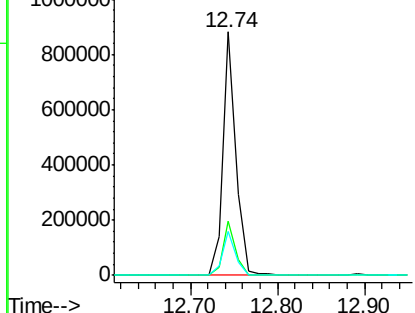
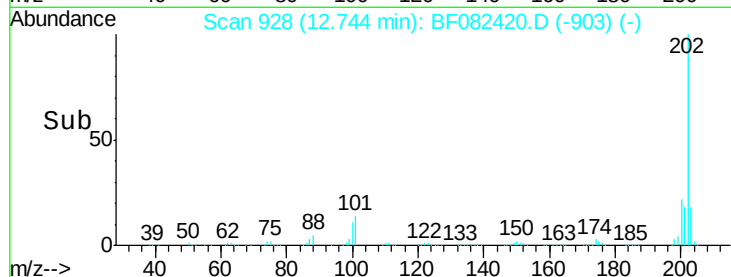
#77
 Pvrene
 Concen: 41.26 ng
 RT: 12.74 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF082420.D
 Acq: 21 Oct 2015 22:51

Instrument :
 BNA_F
 ClientSampleId :
 B11-WASTE-CHAR.-2MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.9	26.9
203	18.3	14.5	21.7

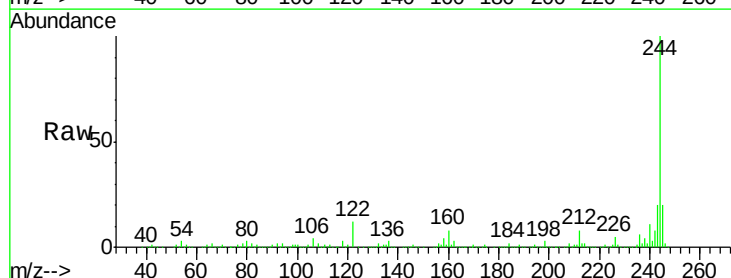


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

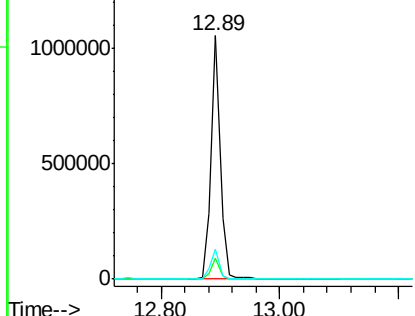
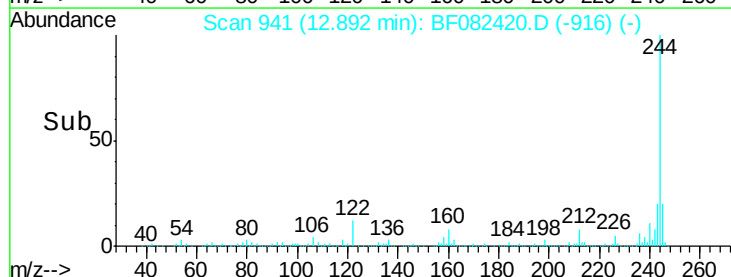


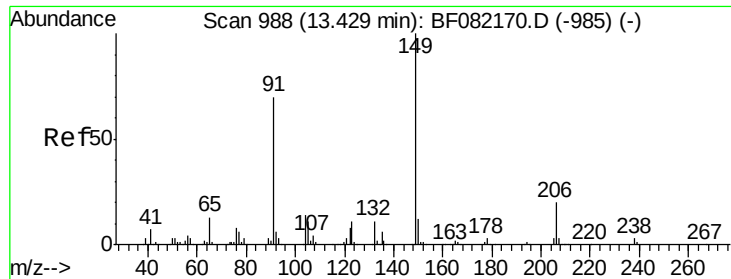
#78
 Terphenyl-d14
 Concen: 80.43 ng
 RT: 12.89 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF082420.D
 Acq: 21 Oct 2015 22:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.6
122	12.2	5.9	8.9#



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

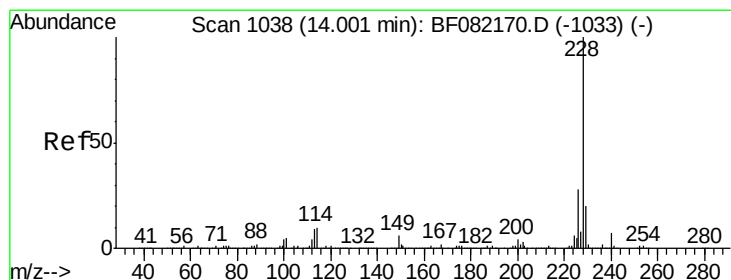
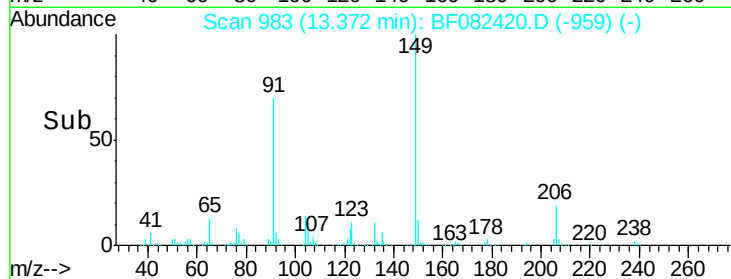
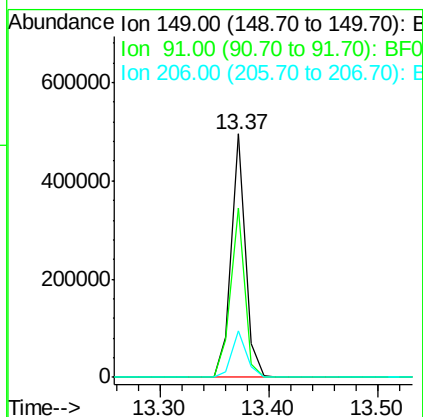
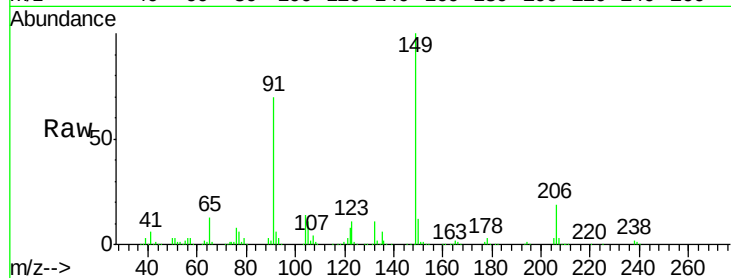




#79
Butylbenzylphthalate
Concen: 43.86 ng
RT: 13.37 min Scan# 983
Delta R.T. -0.02 min
Lab File: BF082420.D
Acq: 21 Oct 2015 22:51

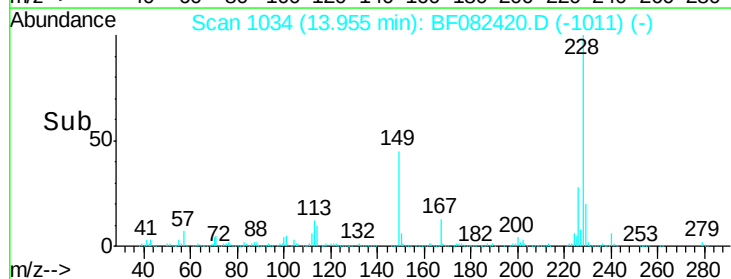
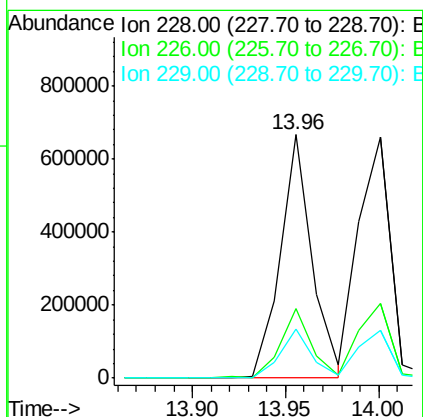
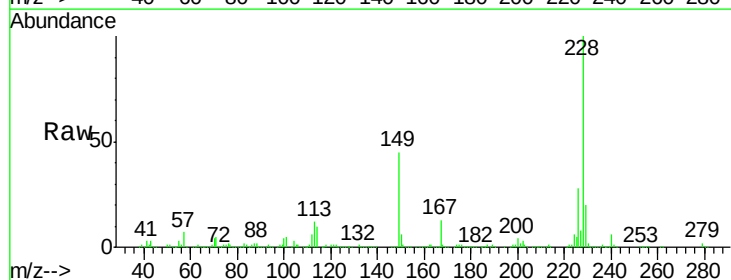
Instrument :
BNA_F
ClientSampleId :
B11-WASTE-CHAR.-2MS

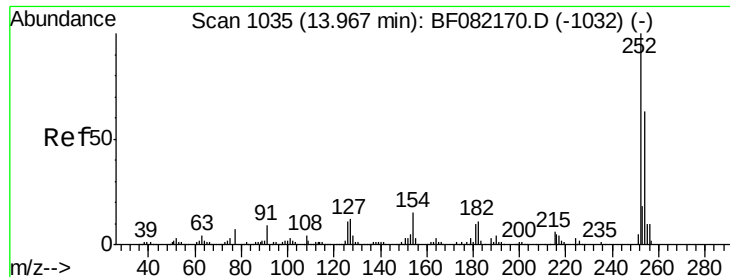
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.8	55.7	83.5
206	18.9	15.6	23.4



#80
Benzo(a)anthracene
Concen: 39.94 ng
RT: 13.96 min Scan# 1034
Delta R.T. -0.03 min
Lab File: BF082420.D
Acq: 21 Oct 2015 22:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.3	33.5
229	20.4	16.2	24.2

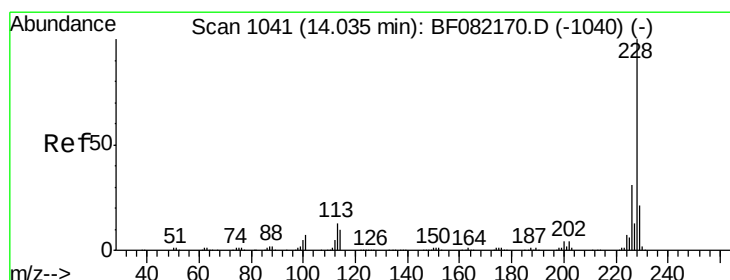
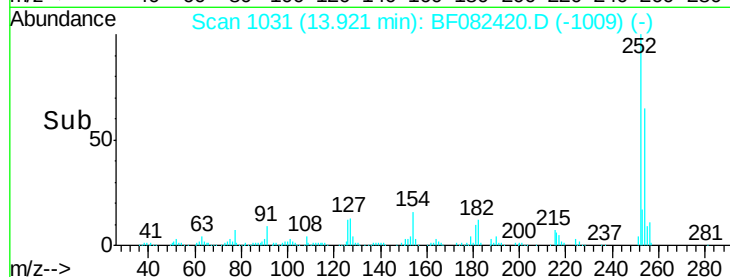
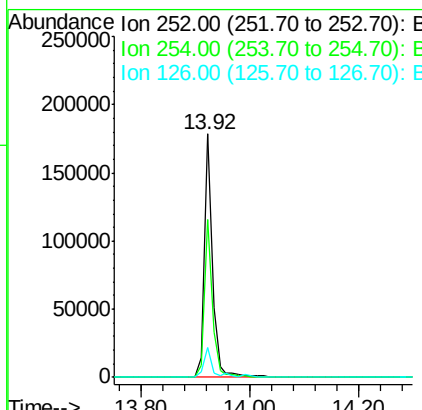
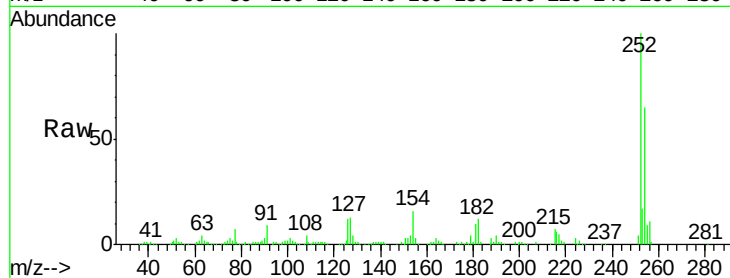




#81
 3,3'-Dichlorobenzidine
 Concen: 24.76 ng
 RT: 13.92 min Scan# 1031
 Delta R.T. -0.05 min
 Lab File: BF082420.D
 Acq: 21 Oct 2015 22:51

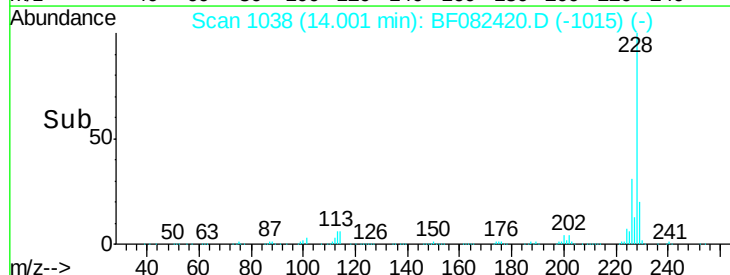
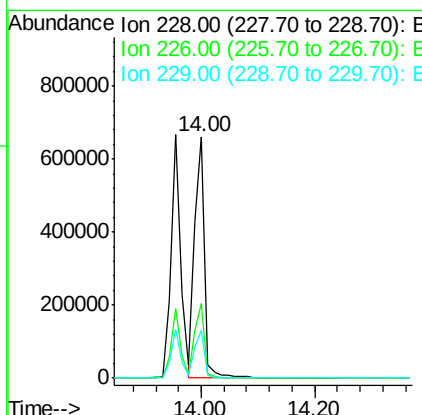
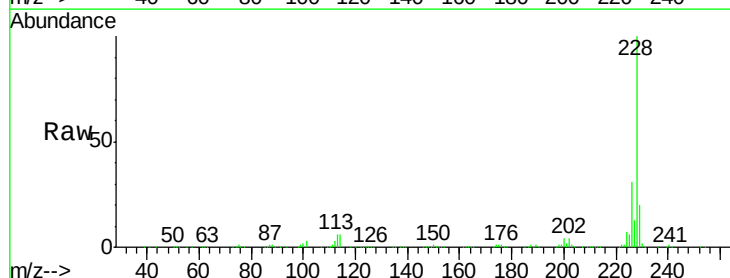
Instrument :
 BNA_F
 ClientSampleId :
 B11-WASTE-CHAR.-2MS

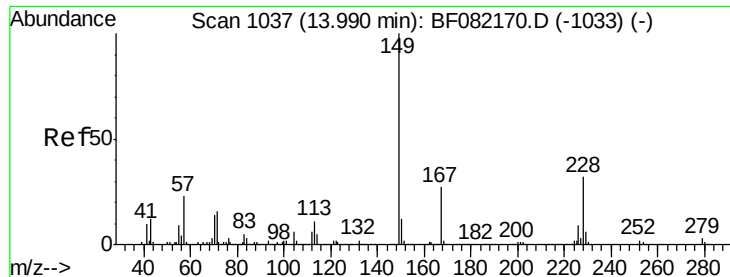
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	50.7	76.1
126	12.1	9.0	13.6



#82
 Chrysene
 Concen: 38.98 ng
 RT: 14.00 min Scan# 1038
 Delta R.T. -0.03 min
 Lab File: BF082420.D
 Acq: 21 Oct 2015 22:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.4	36.6
229	20.0	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.40 ng

RT: 13.94 min Scan# 1033

Delta R.T. -0.05 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MS

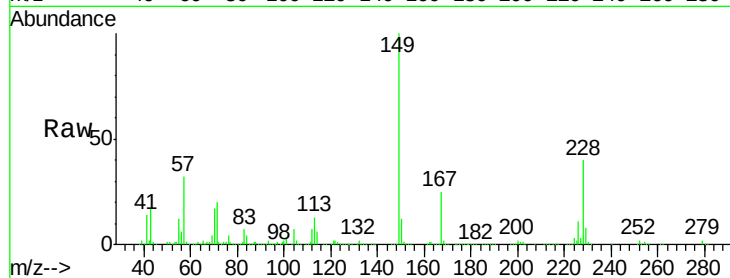
Tot Ion:149 Resp: 604511

Ion Ratio Lower Upper

149 100

167 25.1 21.3 31.9

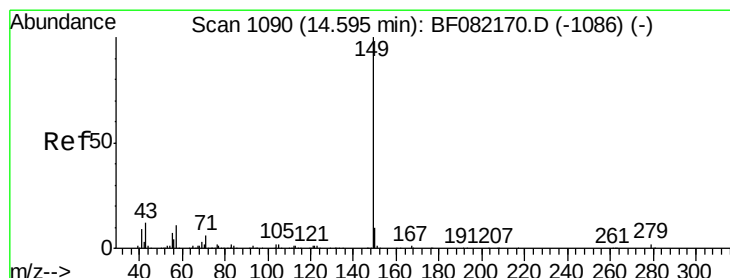
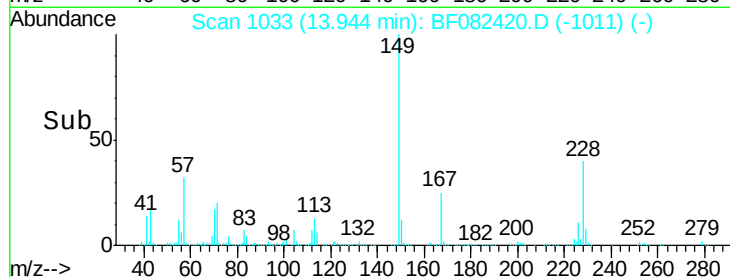
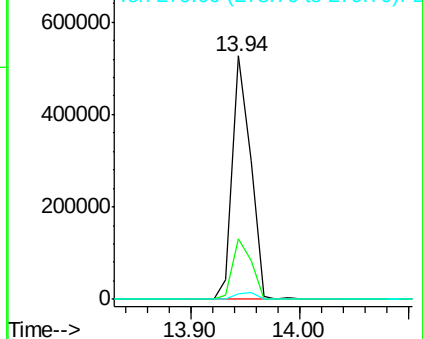
279 2.3 2.6 4.0#



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: 41.94 ng

RT: 14.61 min Scan# 1091

Delta R.T. -0.07 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

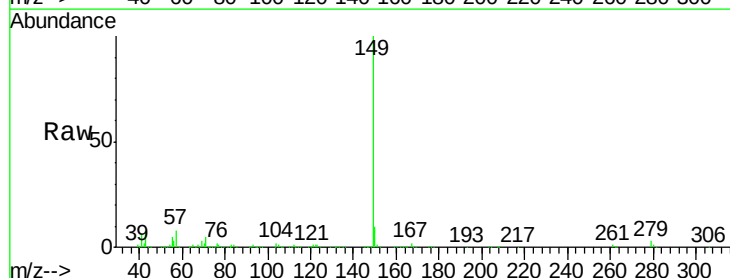
Tgt Ion:149 Resp: 1051600

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

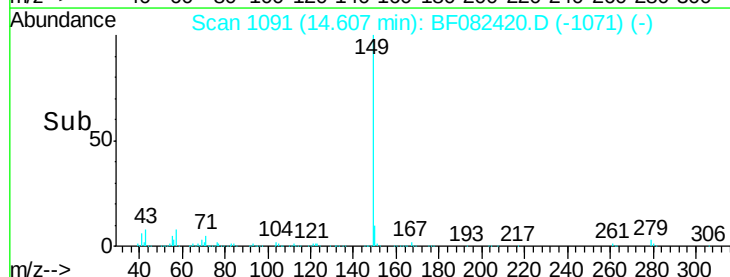
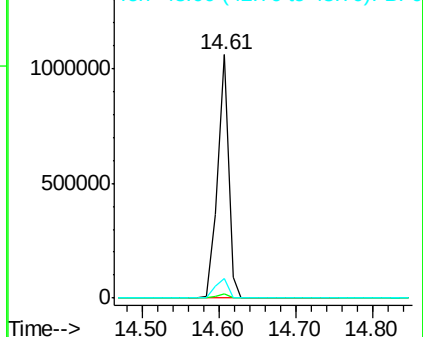
43 9.1 7.4 11.2

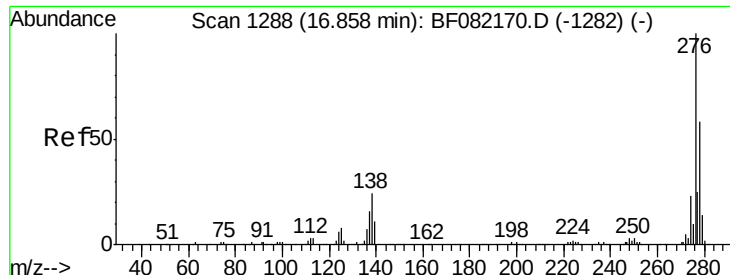


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

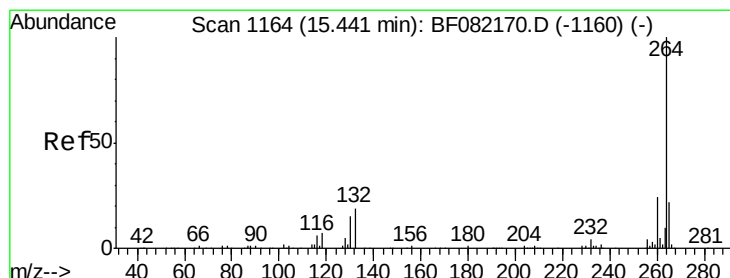
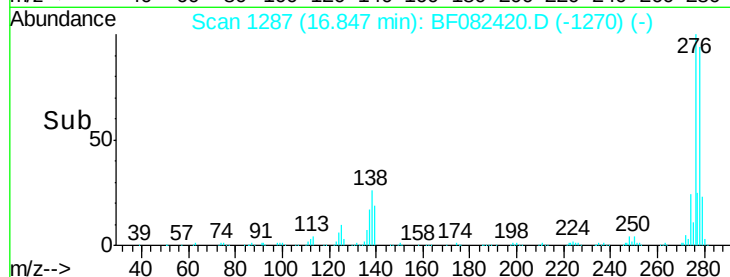
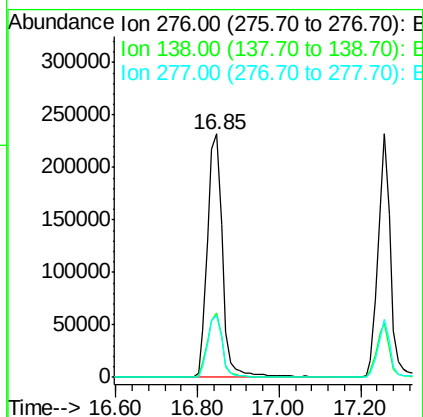
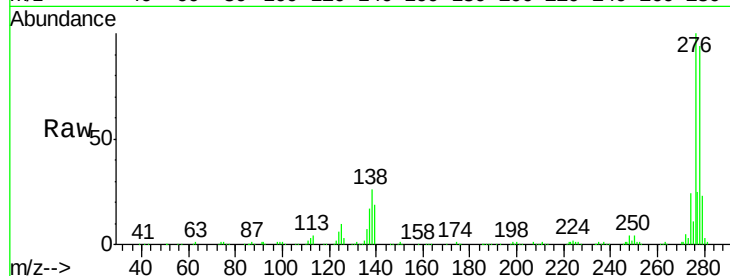




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.53 ng
 RT: 16.85 min Scan# 1287
 Delta R.T. -0.10 min
 Lab File: BF082420.D
 Acq: 21 Oct 2015 22:51

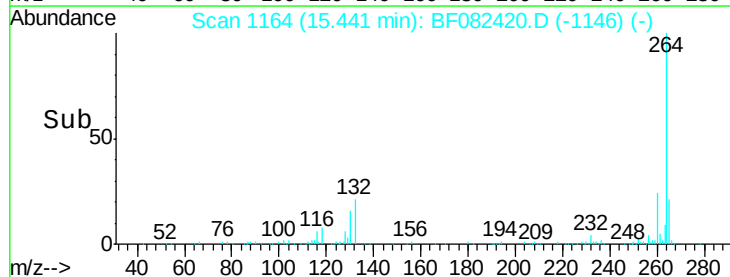
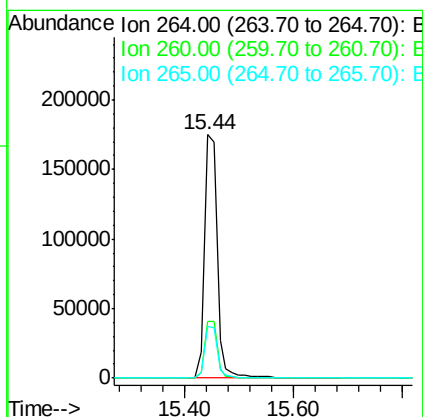
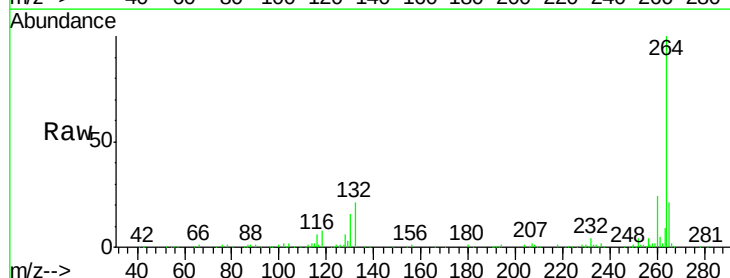
Instrument :
 BNA_F
 ClientSampleId :
 B11-WASTE-CHAR.-2MS

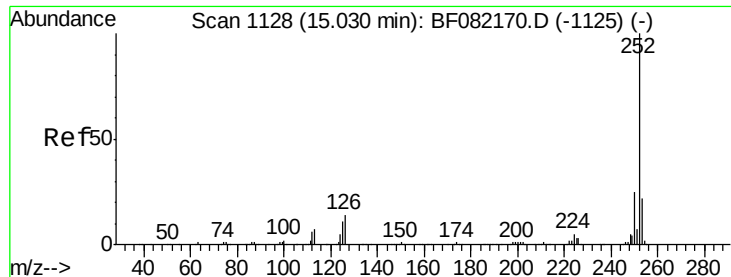
Tot Ion:276 Resp: 601475
 Ion Ratio Lower Upper
 276 100
 138 26.1 19.7 29.5
 277 25.1 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. -0.09 min
 Lab File: BF082420.D
 Acq: 21 Oct 2015 22:51

Tgt Ion:264 Resp: 284026
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 21.3 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 38.53 ng

RT: 15.04 min Scan# 1129

Delta R.T. -0.09 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MS

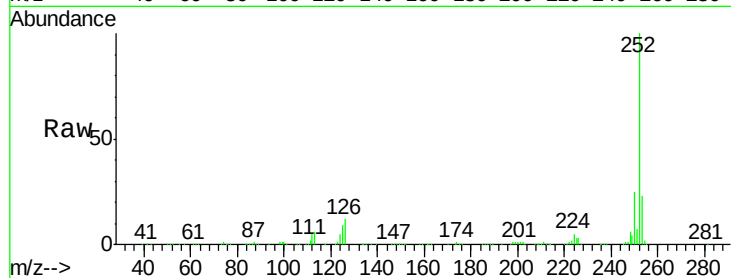
Tot Ion:252 Resp: 665727

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

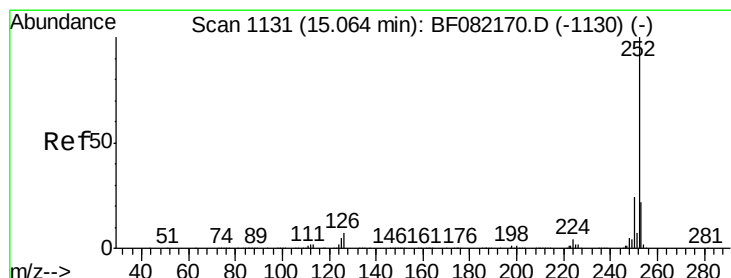
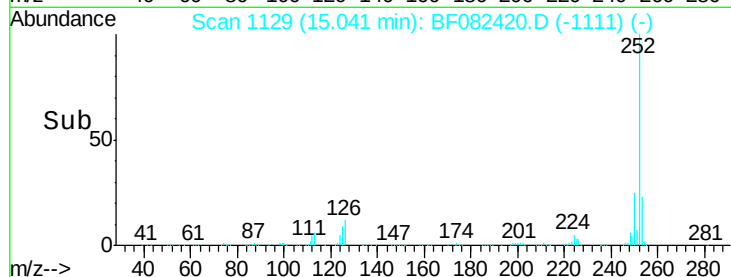
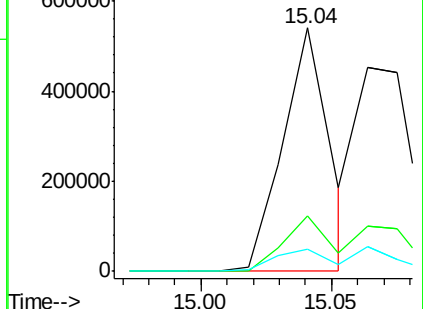
125 9.2 8.6 12.8



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: 45.84 ng

RT: 15.04 min Scan# 1129

Delta R.T. -0.11 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

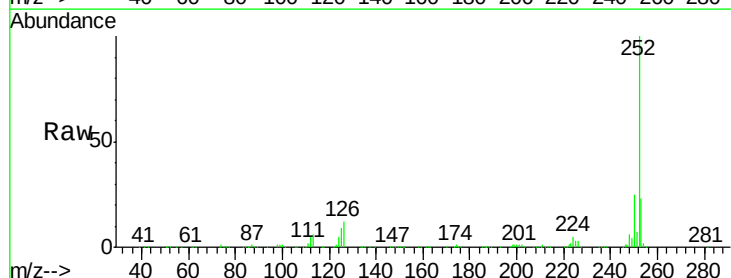
Tgt Ion:252 Resp: 665727

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

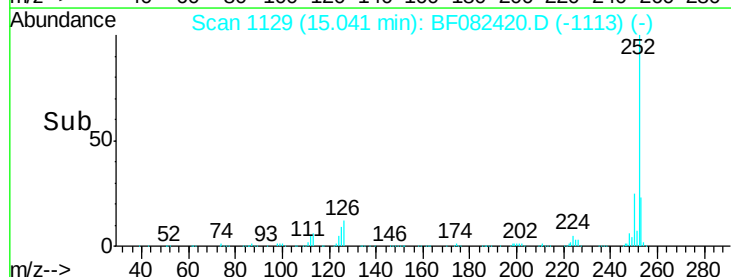
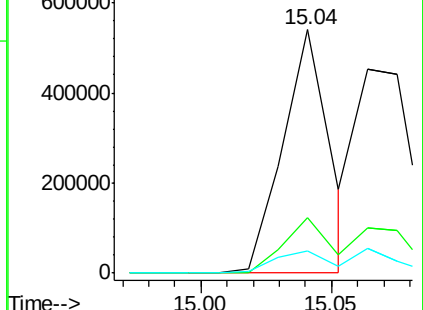
125 9.2 6.7 10.1

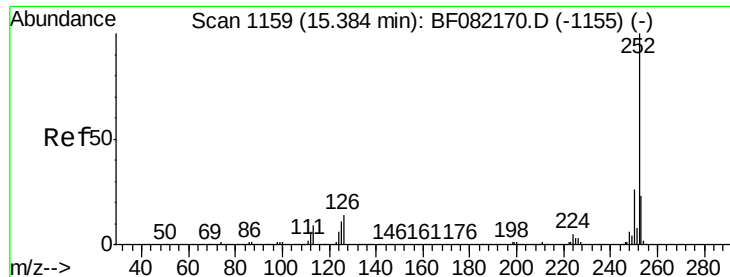


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.62 ng

RT: 15.40 min Scan# 1160

Delta R.T. -0.08 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MS

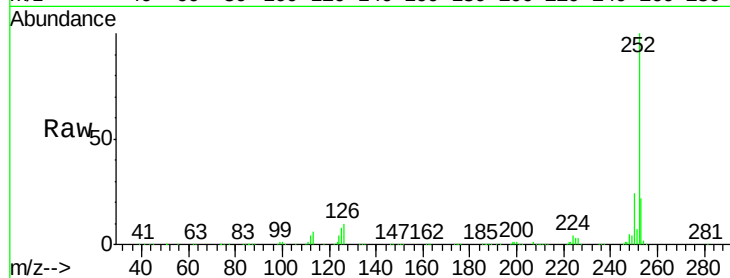
Tot Ion:252 Resp: 618055

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

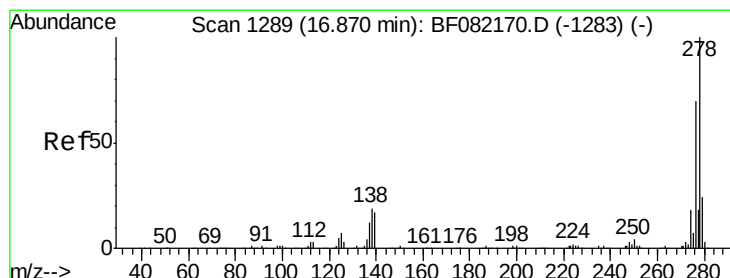
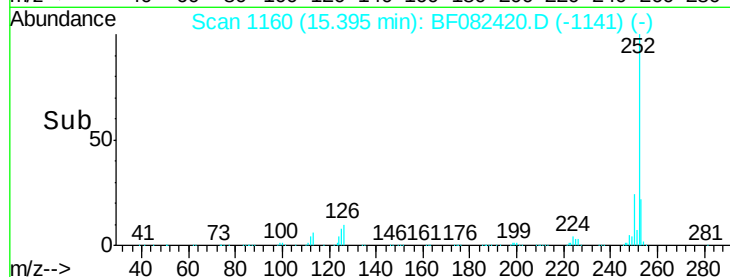
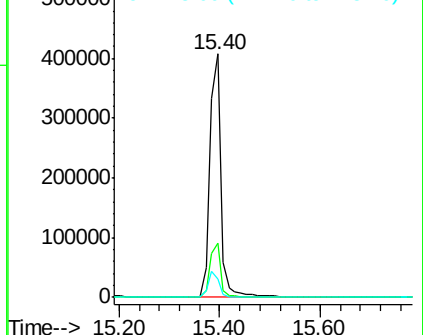
125 7.5 8.9 13.3#



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: 42.25 ng

RT: 16.86 min Scan# 1288

Delta R.T. -0.10 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

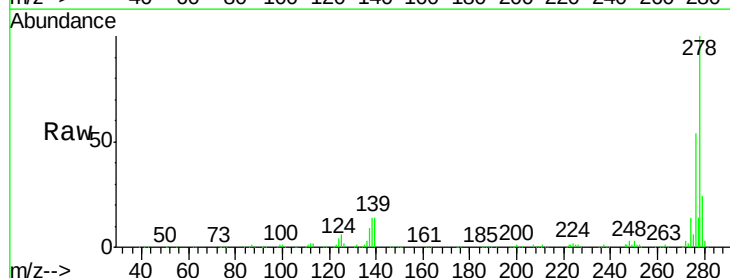
Tgt Ion:278 Resp: 514211

Ion Ratio Lower Upper

278 100

139 14.4 13.3 19.9

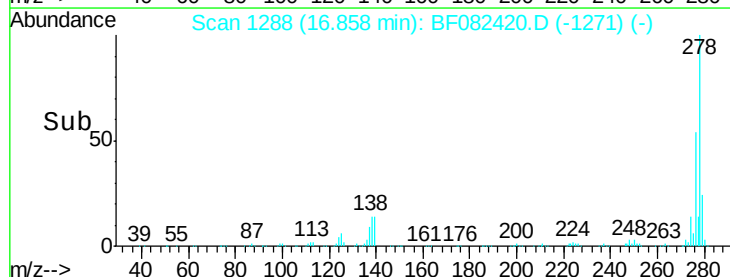
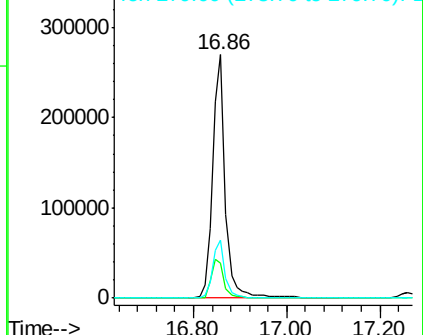
279 23.6 18.9 28.3

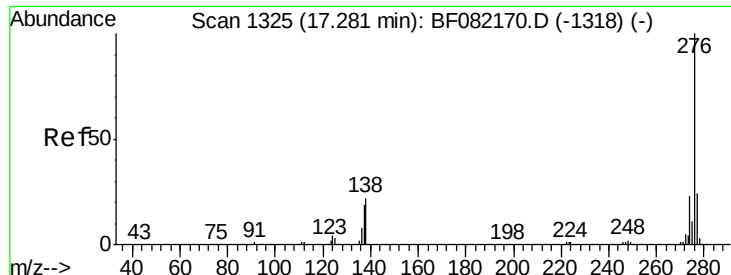


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 42.31 ng

RT: 17.26 min Scan# 1323

Delta R.T. -0.10 min

Lab File: BF082420.D

Acq: 21 Oct 2015 22:51

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2MS

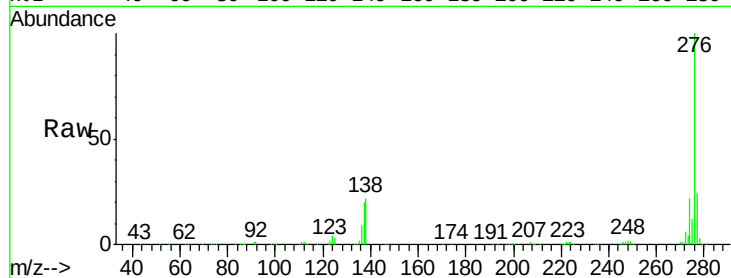
Tot Ion: 276 Resp: 500257

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 22.3 17.4 26.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

