

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101215\
 Data File : BF082224.D
 Acq On : 12 Oct 2015 17:09
 Operator : UM/IZ
 Sample : G3990-03MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MS

Quant Time: Oct 13 02:08:01 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 13 02:05:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	65696	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	257555	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	131267	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	258254	20.00	ng	0.00
75) Chrysene-d12	14.01	240	250165	20.00	ng	0.00
86) Perylene-d12	15.44	264	196145	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	240963	74.03	ng	0.00
7) Phenol-d6	6.47	99	204365	48.24	ng	0.00
23) Nitrobenzene-d5	7.41	82	439405	114.57	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	216164	175.59	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	852532	107.71	ng	0.00
78) Terphenyl-d14	12.95	244	923996	97.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	28256	17.28	ng	# 89
3) Pyridine	3.15	79	58389	15.35	ng	96
4) n-Nitrosodimethylamine	3.09	42	26718	16.56	ng	99
6) Aniline	6.49	93	104615	19.15	ng	96
8) 2-Chlorophenol	6.62	128	174769	43.98	ng	95
9) Benzaldehyde	6.38	77	119843	55.40	ng	97
10) Phenol	6.48	94	83125	17.02	ng	89
11) bis(2-Chloroethyl)ether	6.57	93	215748	52.24	ng	99
12) 1,3-Dichlorobenzene	6.77	146	203798	44.04	ng	96
13) 1,4-Dichlorobenzene	6.85	146	214256	44.33	ng	97
14) 1,2-Dichlorobenzene	6.85	146	216628	47.20	ng	96
15) Benzyl Alcohol	6.98	79	101398	34.67	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.11	45	297358	51.70	ng	96
17) 2-Methylphenol	7.10	107	116973	37.22	ng	97
18) Hexachloroethane	7.35	117	69881	42.24	ng	# 73
19) n-Nitroso-di-n-propylamine	7.26	70	149622	50.30	ng	98
20) 3+4-Methylphenols	7.25	107	122183	32.63	ng	# 38
22) Acetophenone	7.25	105	280463	55.05	ng	94
24) Nitrobenzene	7.43	77	208926	50.33	ng	# 81
25) Isophorone	7.66	82	388754	50.22	ng	100
26) 2-Nitrophenol	7.74	139	110429	53.27	ng	# 88
27) 2,4-Dimethylphenol	7.78	122	168793	50.54	ng	95
28) bis(2-Chloroethoxy)methane	7.87	93	252888	56.15	ng	99
29) 2,4-Dichlorophenol	7.98	162	173886	52.09	ng	94
30) 1,2,4-Trichlorobenzene	8.06	180	186045	48.35	ng	96
31) Naphthalene	8.15	128	577179	51.70	ng	99
32) Benzoic acid	7.86	122	35185	15.70	ng	94
33) 4-Chloroaniline	8.19	127	67036	14.46	ng	98
34) Hexachlorobutadiene	8.25	225	106295	44.33	ng	99
35) Caprolactam	8.57	113	8764	9.05	ng	# 79
36) 4-Chloro-3-methylphenol	8.67	107	167732	51.38	ng	99
37) 2-Methylnaphthalene	8.83	142	415907	53.74	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	204477	52.37	ng	98
40) Hexachlorocyclopentadiene	8.98	237	153504	77.94	ng	97

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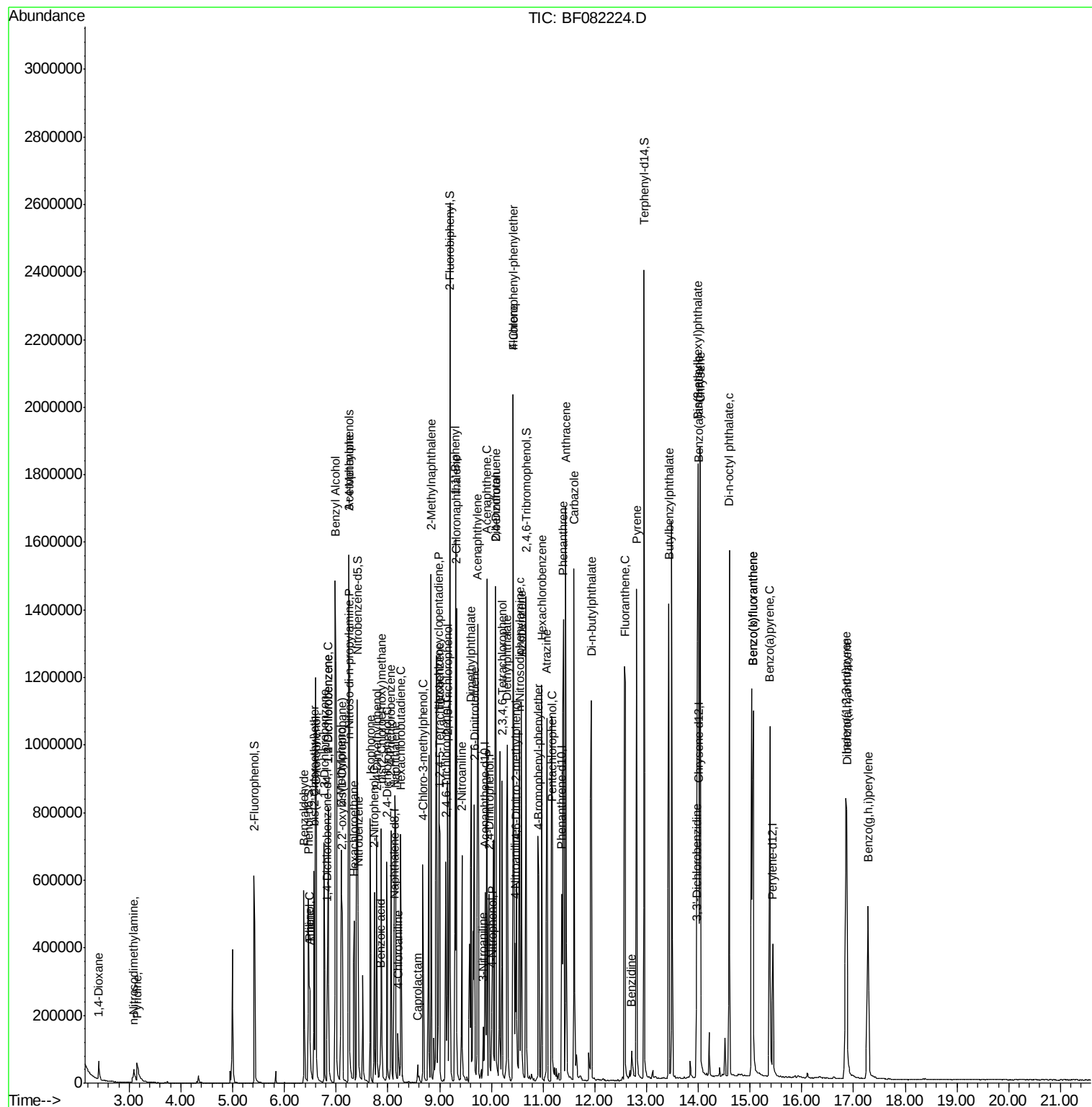
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	137868	53.16	nq	99
43) 2,4,5-Trichlorophenol	9.15	196	156216	55.61	nq #	93
45) 1,1'-Biphenyl	9.30	154	546271	54.57	nq	96
46) 2-Chloronaphthalene	9.33	162	425106	53.95	nq	96
47) 2-Nitroaniline	9.43	65	129324	59.78	nq #	84
48) Acenaphthylene	9.74	152	644176	52.48	nq	99
49) Dimethylphthalate	9.61	163	571761	61.86	nq	98
50) 2,6-Dinitrotoluene	9.67	165	105324	54.00	nq #	78
51) Acenaphthene	9.91	154	383277	52.01	nq	98
52) 3-Nitroaniline	9.84	138	39842	18.08	nq	91
53) 2,4-Dinitrophenol	9.95	184	130261	116.36	nq #	87
54) Dibenzofuran	10.08	168	570494	56.39	nq	95
55) 4-Nitrophenol	10.01	139	52460	42.33	nq	93
56) 2,4-Dinitrotoluene	10.08	165	160661	65.91	nq	88
57) Fluorene	10.42	166	447708	53.88	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	137508	59.91	nq	95
59) Diethylphthalate	10.31	149	525117	60.95	nq	97
60) 4-Chlorophenyl-phenylether	10.42	204	224338	58.94	nq #	84
61) 4-Nitroaniline	10.46	138	106095	49.65	nq	97
62) Azobenzene	10.58	77	503764	59.74	nq	90
64) 4,6-Dinitro-2-methylphenol	10.48	198	79220	54.66	nq #	58
65) n-Nitrosodiphenylamine	10.55	169	424591	54.91	nq	100
66) 4-Bromophenyl-phenylether	10.91	248	145012	56.11	nq #	83
67) Hexachlorobenzene	10.97	284	151417	54.17	nq #	76
68) Atrazine	11.07	200	151309	61.77	nq	99
69) Pentachlorophenol	11.18	266	174047	121.01	nq	98
70) Phenanthrene	11.39	178	771158	60.92	nq	99
71) Anthracene	11.44	178	744479	57.07	nq	99
72) Carbazole	11.60	167	692732	58.21	nq	99
73) Di-n-butylphthalate	11.93	149	820606	55.90	nq #	98
74) Fluoranthene	12.58	202	816515	60.06	nq	97
76) Benzidine	12.71	184	61132	8.43	nq	98
77) Pyrene	12.81	202	857754	57.78	nq	99
79) Butylbenzylphthalate	13.43	149	376890	55.63	nq	91
80) Benzo(a)anthracene	14.00	228	716823	55.07	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	94807	19.19	nq #	97
82) Chrysene	14.04	228	706475	51.51	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	477632	49.41	nq #	97
84) Di-n-octyl phthalate	14.60	149	773002	46.57	nq	100
85) Indeno(1,2,3-cd)pyrene	16.86	276	563542	51.70	nq	99
87) Benzo(b)fluoranthene	15.06	252	1253027	105.00	nq #	96
88) Benzo(k)fluoranthene	15.06	252	1255007	125.12	nq	99
89) Benzo(a)pyrene	15.38	252	568955	55.48	nq	99
90) Dibenzo(a,h)anthracene	16.87	278	465246	55.36	nq	98
91) Benzo(g,h,i)perylene	17.28	276	472680	57.89	nq	99

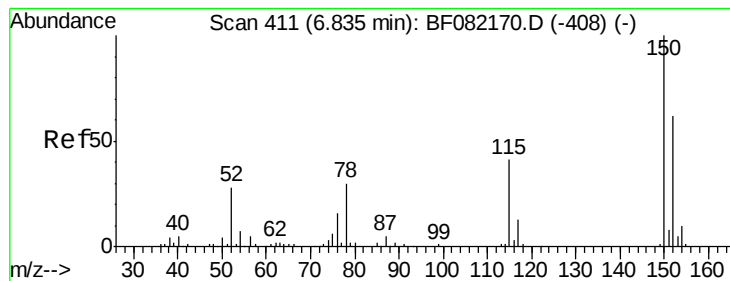
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MS

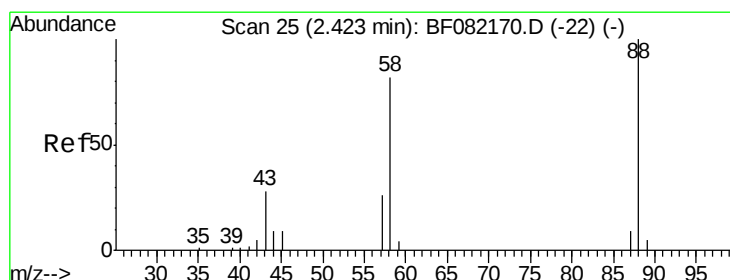
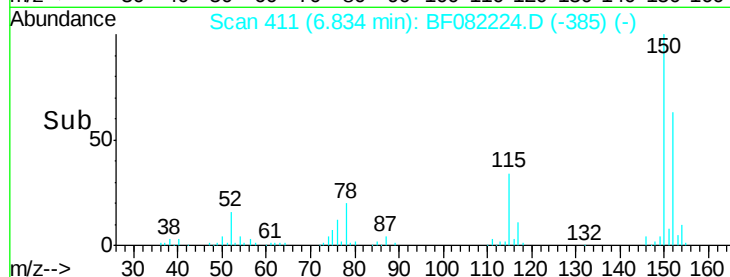
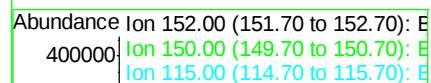
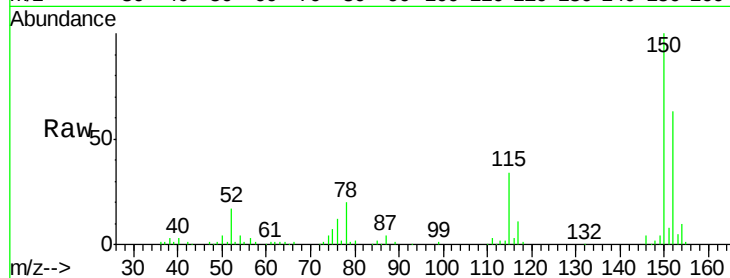
Tot Ion:152 Resp: 65696

Ion Ratio Lower Upper

152 100

150 159.7 129.0 193.4

115 53.7 52.1 78.1



#2

1,4-Dioxane

Concen: 17.28 ng

RT: 2.41 min Scan# 24

Delta R.T. 0.03 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

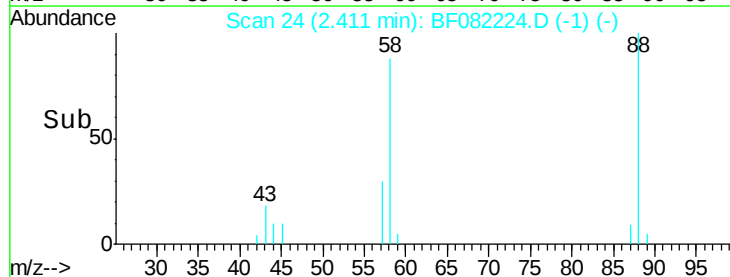
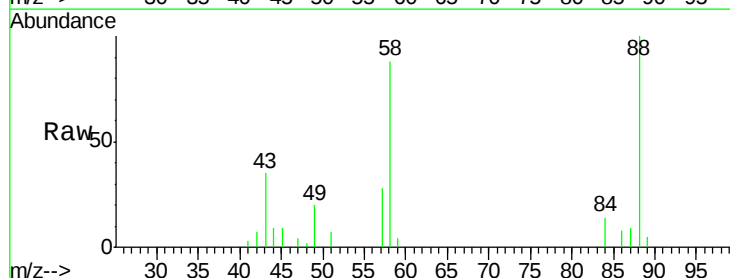
Tgt Ion: 88 Resp: 28256

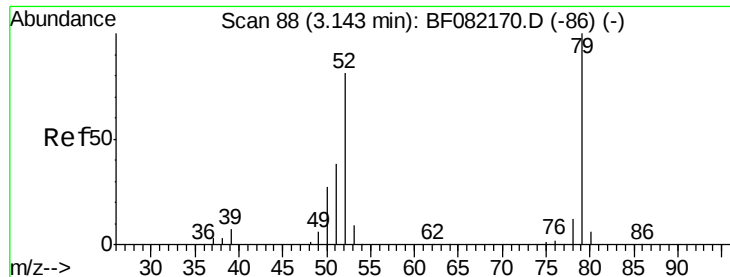
Ion Ratio Lower Upper

88 100

58 91.7 66.2 99.4

43 35.6 23.0 34.4#





#3

Pvridine

Concen: 15.35 ng

RT: 3.15 min Scan# 89

Delta R.T. 0.06 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MS

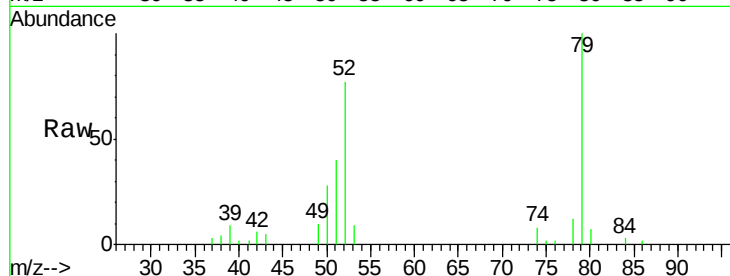
Tot Ion: 79 Resp: 58389

Ion Ratio Lower Upper

79 100

52 76.5 64.4 96.6

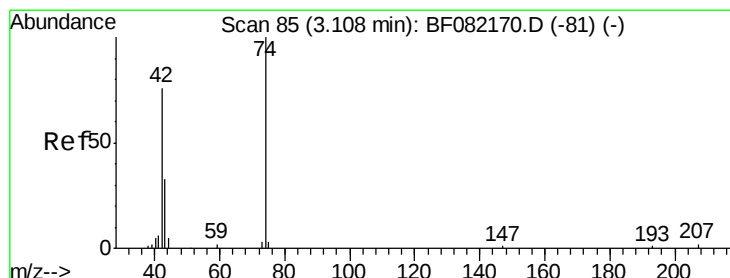
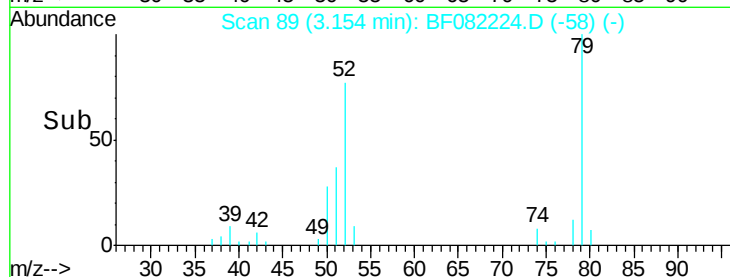
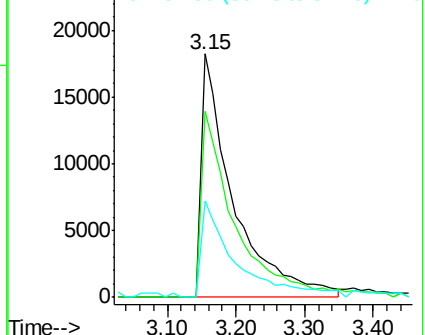
51 39.8 30.5 45.7



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 16.56 ng

RT: 3.09 min Scan# 83

Delta R.T. 0.03 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

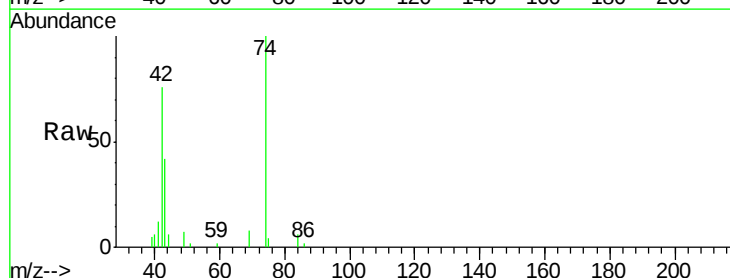
Tgt Ion: 42 Resp: 26718

Ion Ratio Lower Upper

42 100

74 131.5 105.7 158.5

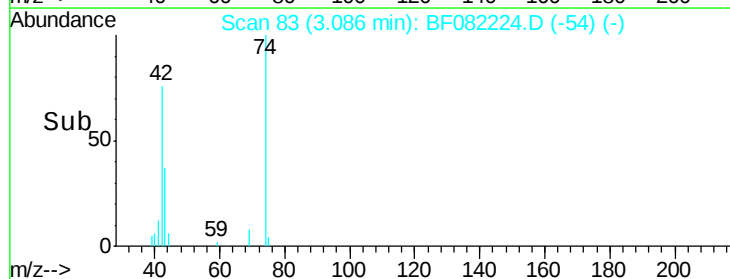
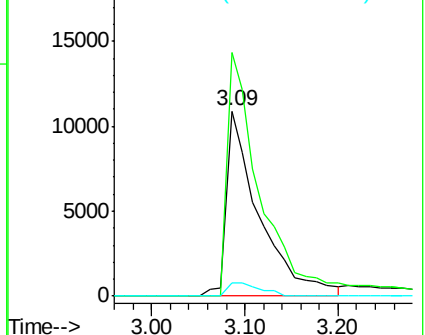
44 7.3 5.4 8.2

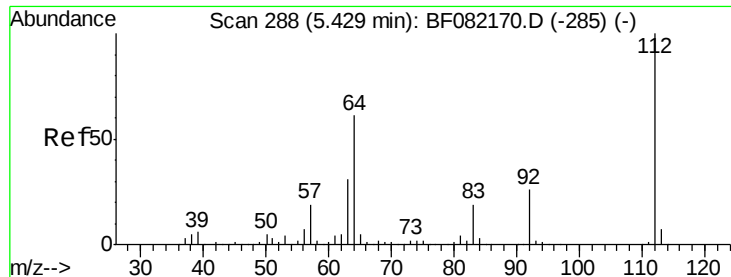


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 74.03 ng

RT: 5.42 min Scan# 287

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

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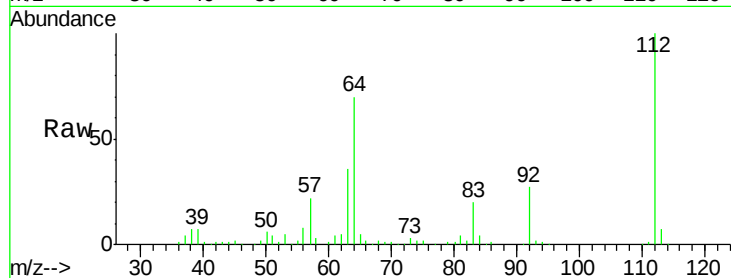
Tot Ion:112 Resp: 240963

Ion Ratio Lower Upper

112 100

64 69.8 48.6 73.0

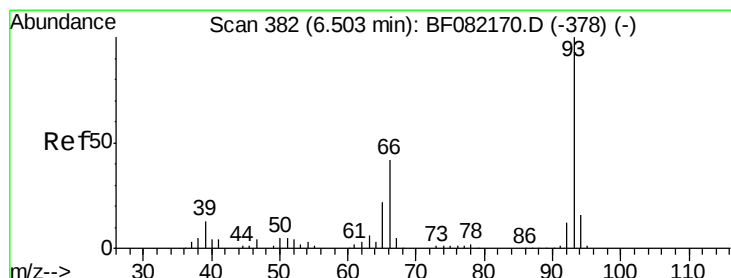
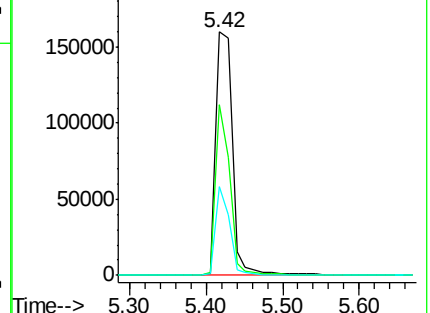
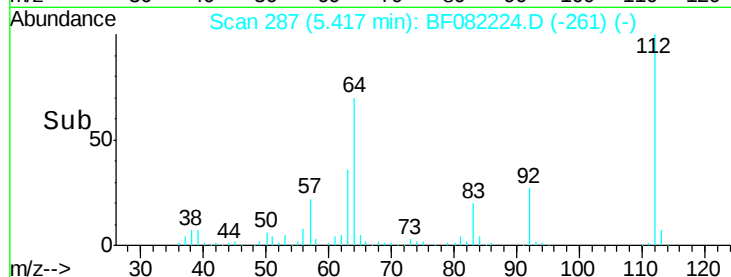
63 36.3 25.1 37.7



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: 19.15 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

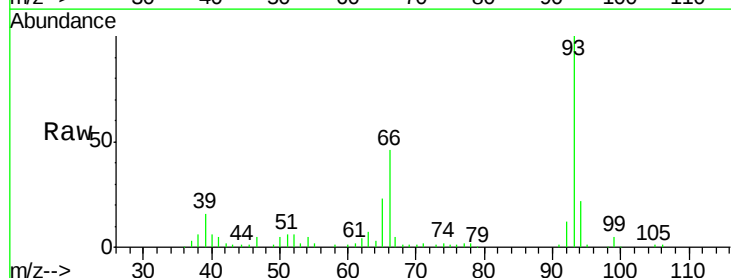
Tgt Ion: 93 Resp: 104615

Ion Ratio Lower Upper

93 100

66 45.7 34.2 51.2

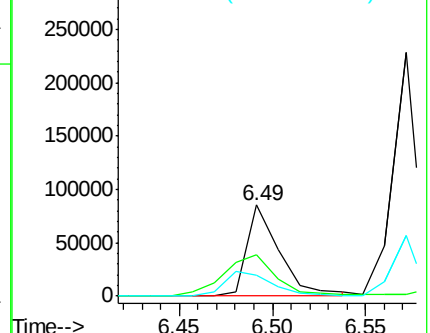
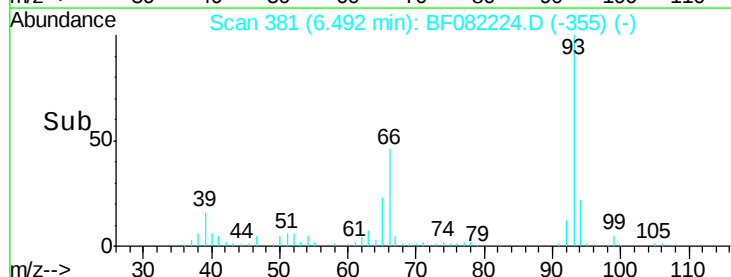
65 23.5 17.9 26.9



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: 48.24 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.00 min

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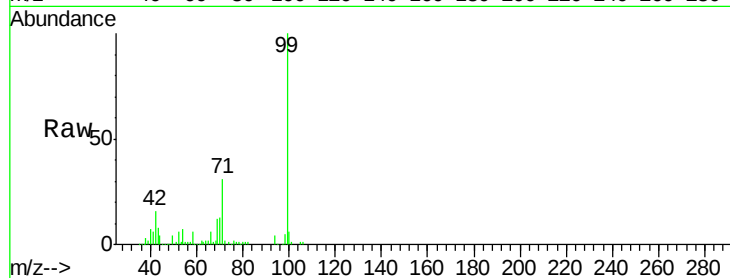
Tot Ion: 99 Resp: 204365

Ion Ratio Lower Upper

99 100

42 15.8 13.2 19.8

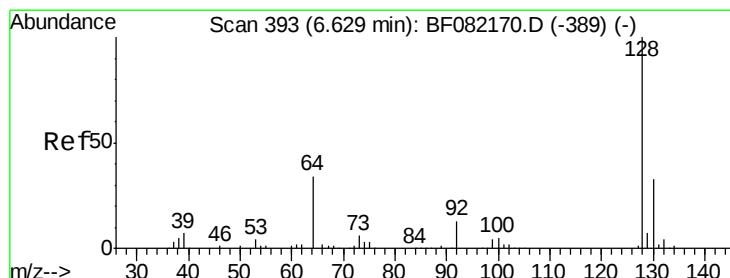
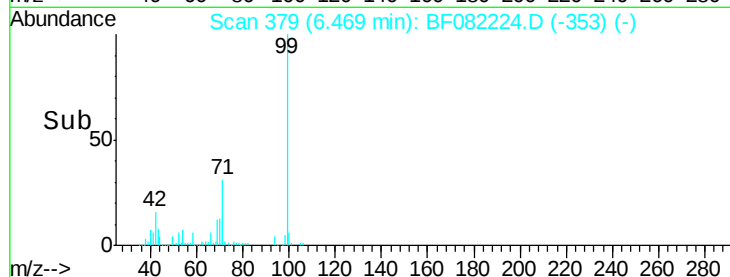
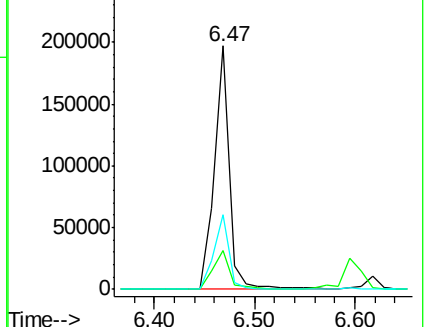
71 30.9 25.6 38.4



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: 43.98 ng

RT: 6.62 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

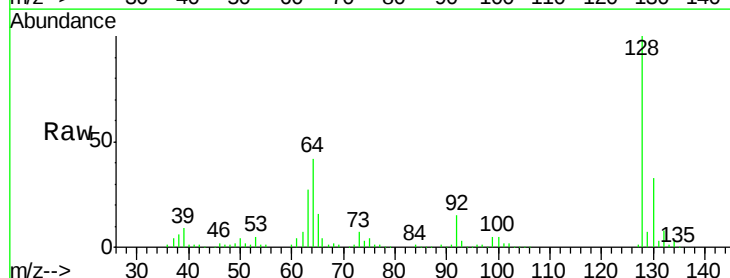
Tgt Ion: 128 Resp: 174769

Ion Ratio Lower Upper

128 100

130 32.8 12.6 52.6

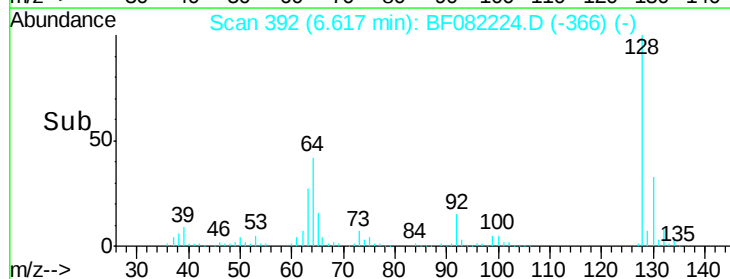
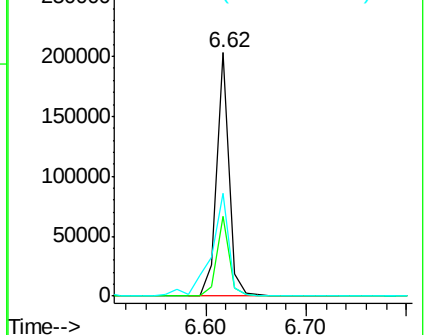
64 42.2 16.7 56.7



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: 55.40 ng

RT: 6.38 min Scan# 371

Delta R.T. -0.00 min

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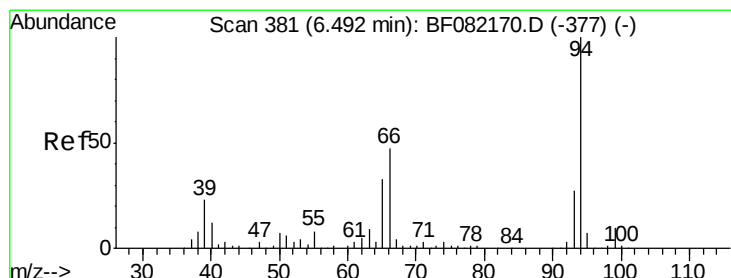
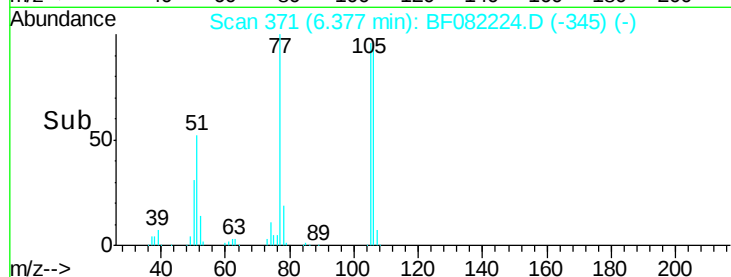
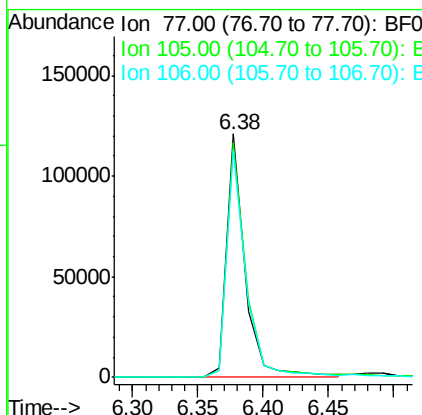
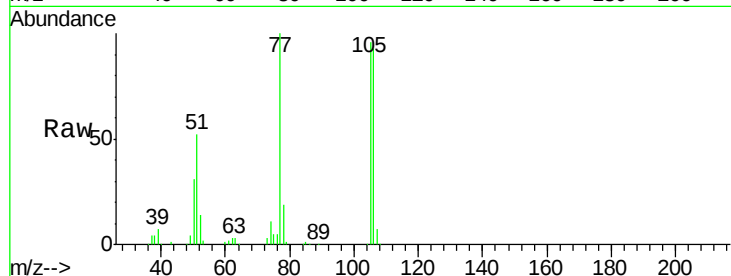
Tot Ion: 77 Resp: 119843

Ion Ratio Lower Upper

77 100

105 96.4 80.6 120.6

106 93.3 75.5 115.5



#10

Phenol

Concen: 17.02 ng

RT: 6.48 min Scan# 380

Delta R.T. -0.00 min

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Acq: 12 Oct 2015 17:09

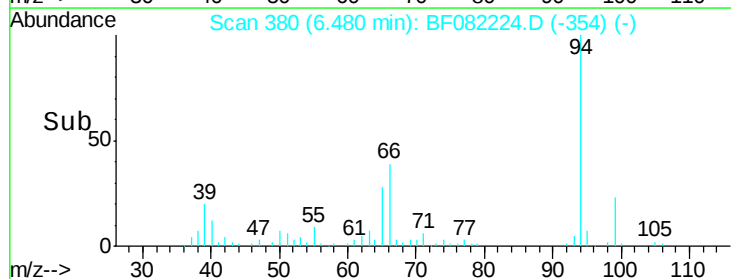
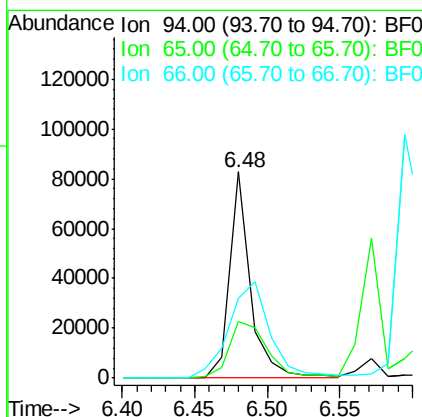
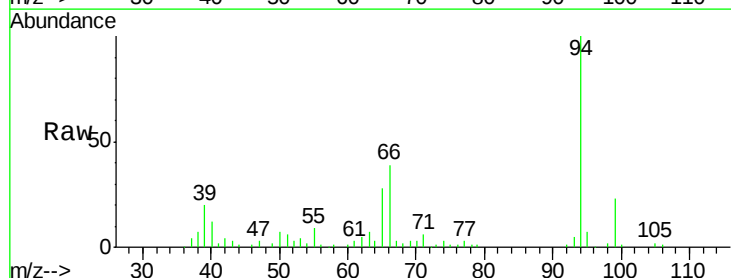
Tgt Ion: 94 Resp: 83125

Ion Ratio Lower Upper

94 100

65 27.8 12.6 52.6

66 38.8 27.3 67.3





#11

bis(2-Chloroethyl)ether

Concen: 52.24 ng

RT: 6.57 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MS

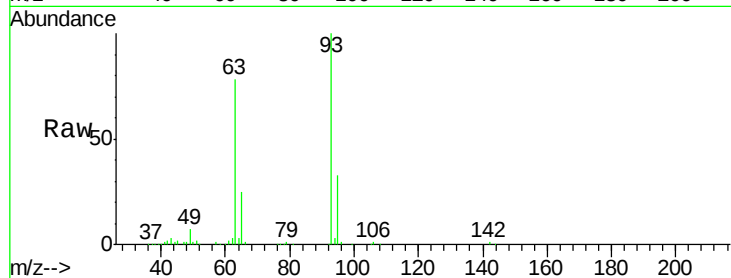
Tot Ion: 93 Resp: 215748

Ion Ratio Lower Upper

93 100

63 77.6 57.1 97.1

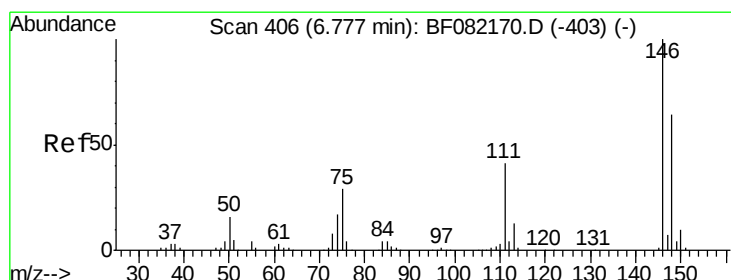
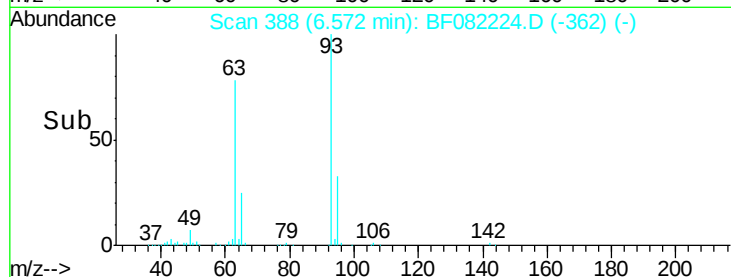
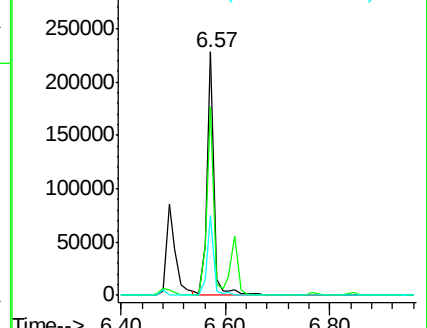
95 32.7 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 44.04 ng

RT: 6.77 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

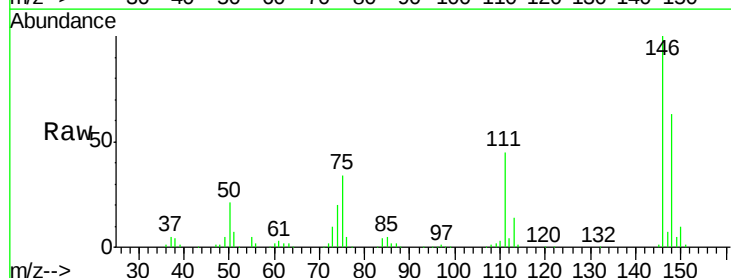
Tgt Ion: 146 Resp: 203798

Ion Ratio Lower Upper

146 100

148 63.3 51.4 77.2

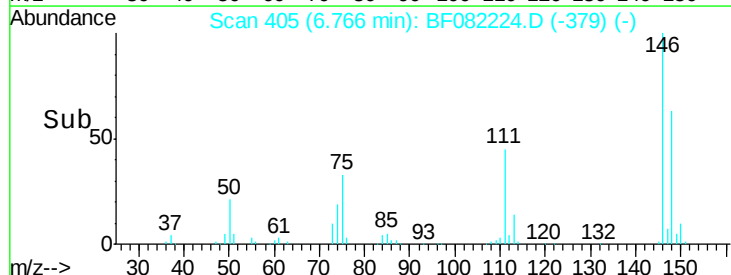
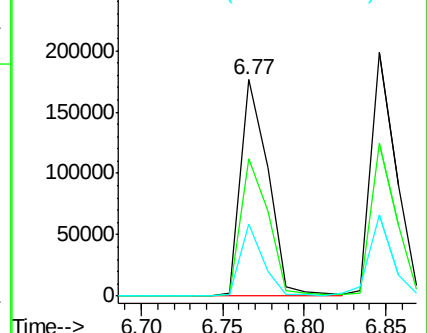
75 33.5 23.0 34.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

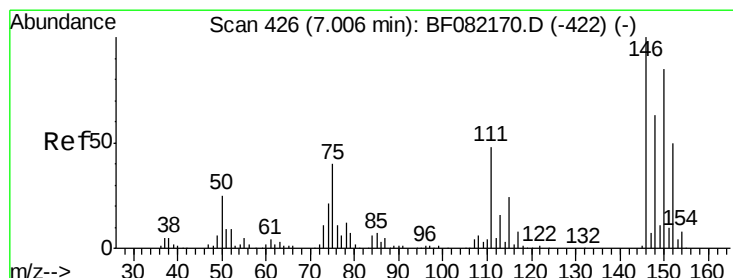
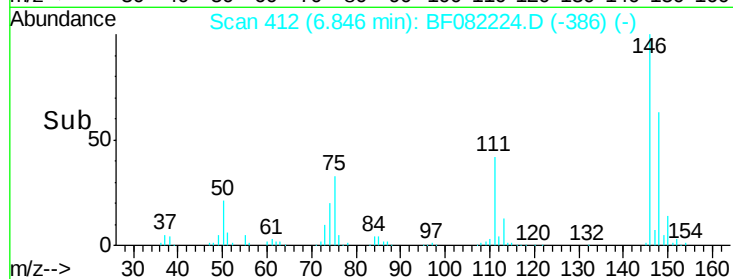
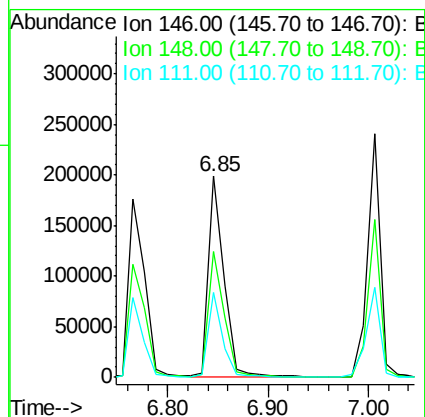
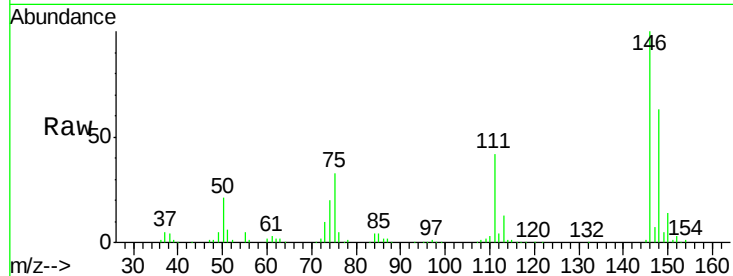




#13
 1,4-Dichlorobenzene
 Concen: 44.33 ng
 RT: 6.85 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

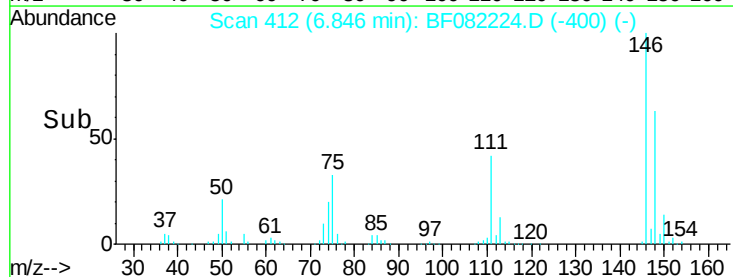
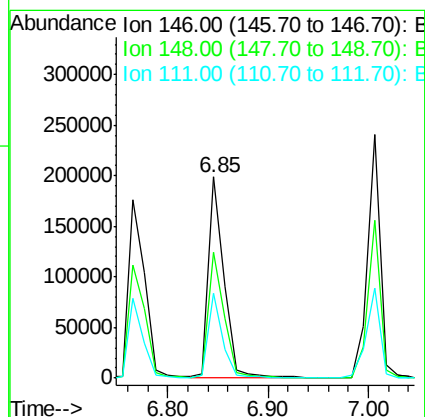
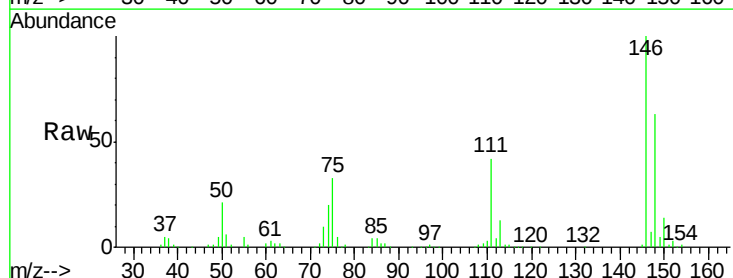
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MS

Tot Ion:146 Resp: 214256
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.0 76.4
 111 42.2 31.1 46.7



#14
 1,2-Dichlorobenzene
 Concen: 47.20 ng
 RT: 6.85 min Scan# 412
 Delta R.T. -0.16 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

Tgt Ion:146 Resp: 216628
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.5 75.7
 111 42.2 38.5 57.7





#15

Benzyl Alcohol

Concen: 34.67 ng

RT: 6.98 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MS

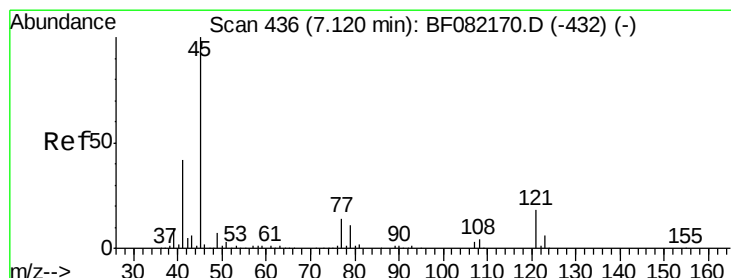
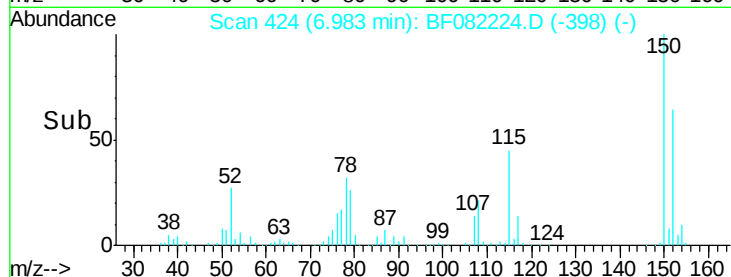
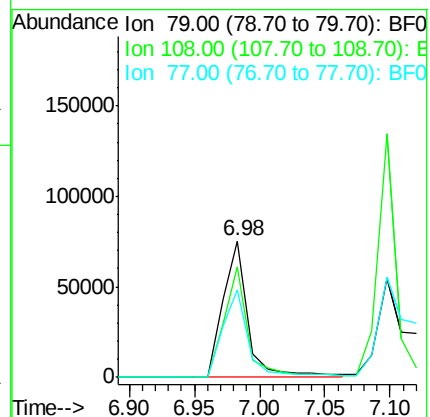
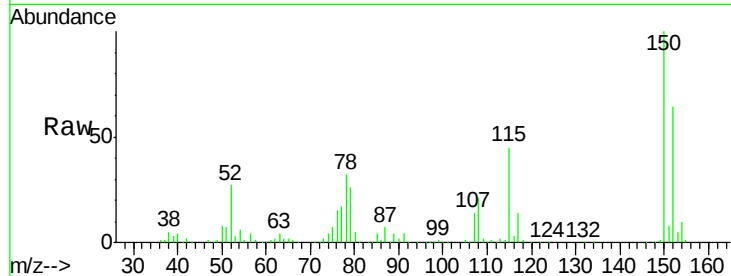
Tot Ion: 79 Resp: 101398

Ion Ratio Lower Upper

79 100

108 81.1 58.4 87.6

77 64.2 49.8 74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.70 ng

RT: 7.11 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

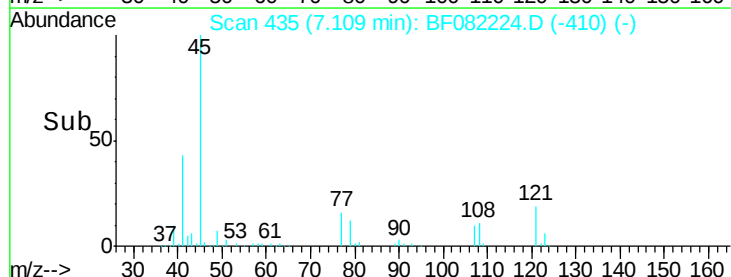
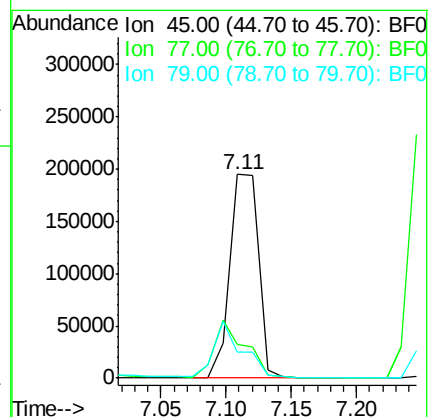
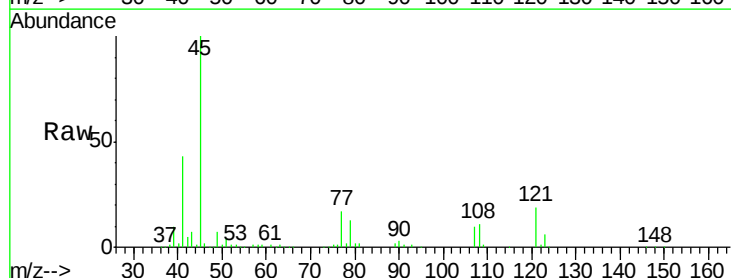
Tgt Ion: 45 Resp: 297358

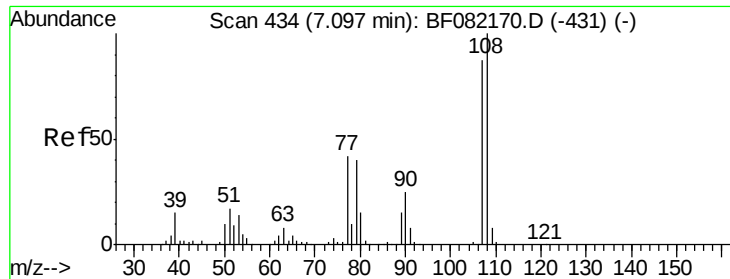
Ion Ratio Lower Upper

45 100

77 16.5 0.0 34.5

79 12.9 0.0 31.6

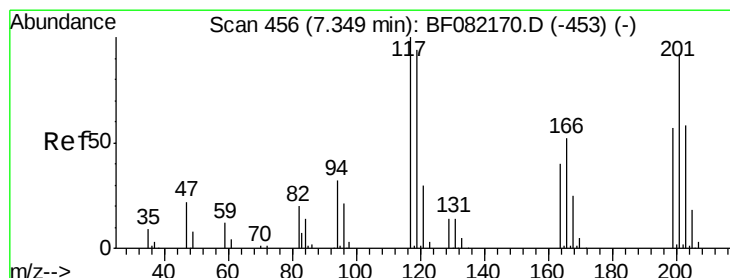
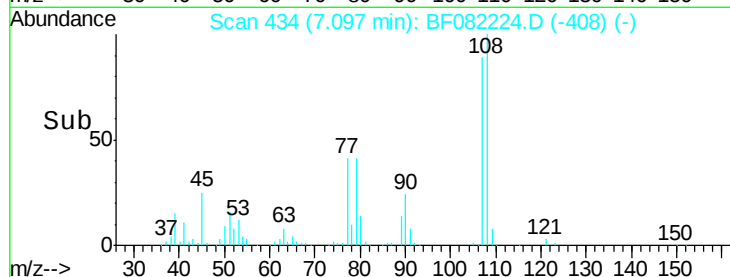
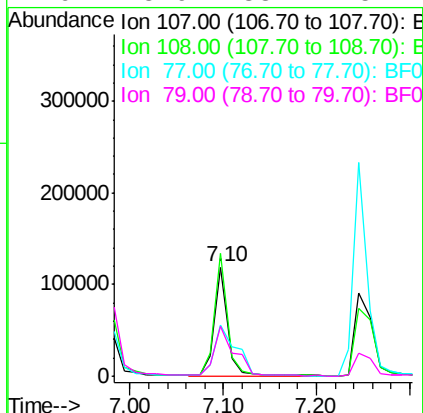
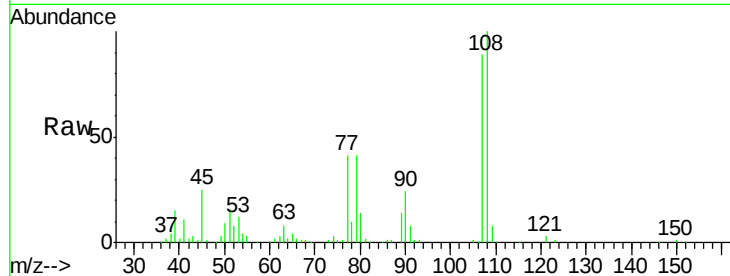




#17
2-Methylphenol
Concen: 37.22 ng
RT: 7.10 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

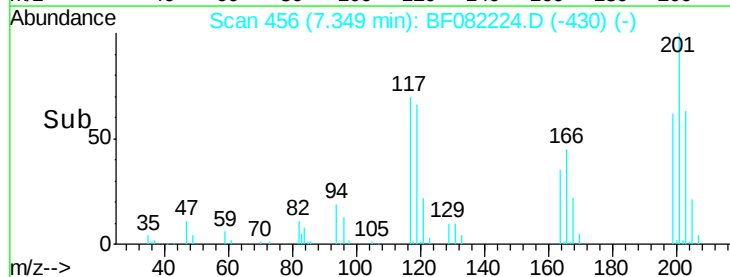
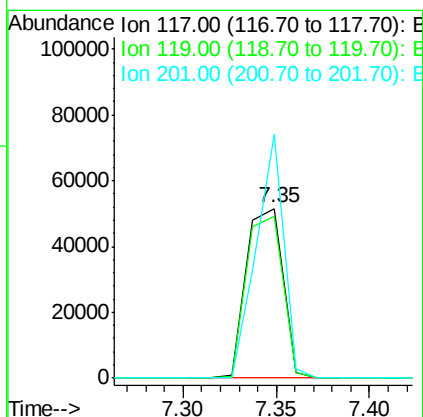
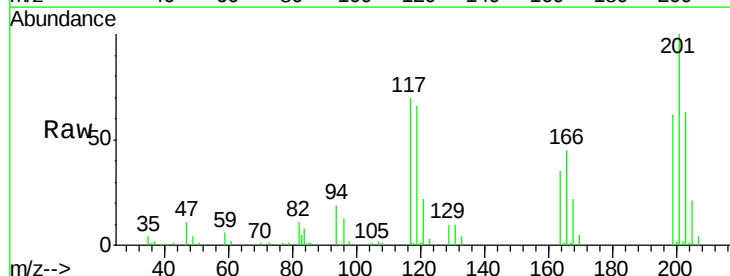
Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MS

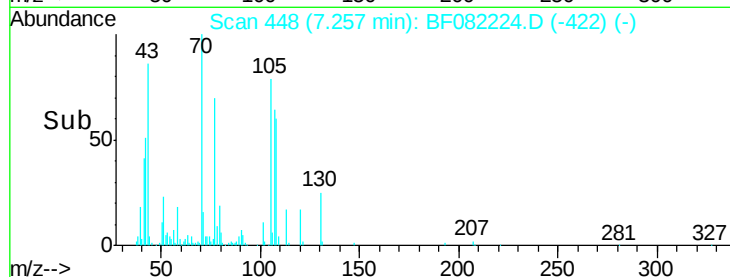
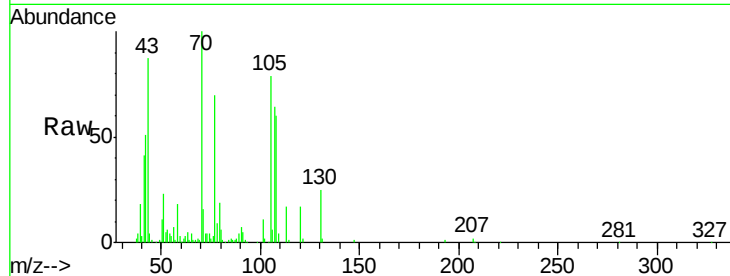
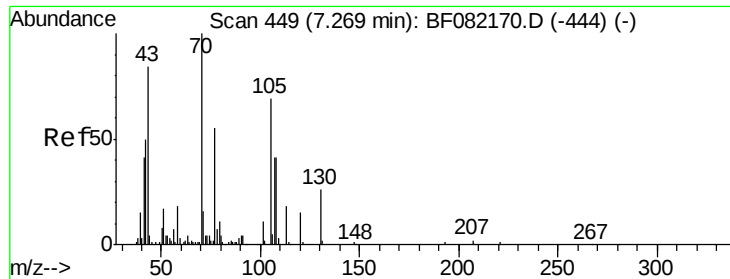
Tot Ion:107 Resp: 116973
Ion Ratio Lower Upper
107 100
108 112.8 92.2 138.2
77 46.7 39.6 59.4
79 45.9 38.2 57.4



#18
Hexachloroethane
Concen: 42.24 ng
RT: 7.35 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Tgt Ion:117 Resp: 69881
Ion Ratio Lower Upper
117 100
119 95.5 75.4 113.2
201 143.6 73.4 110.0#

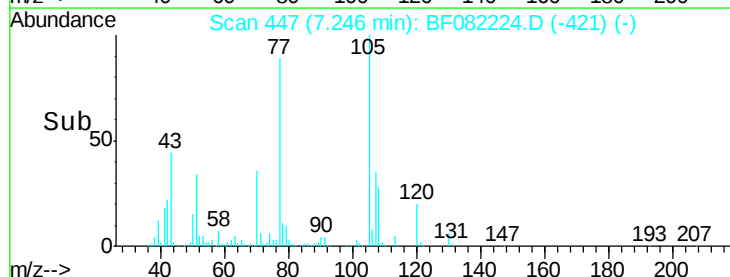
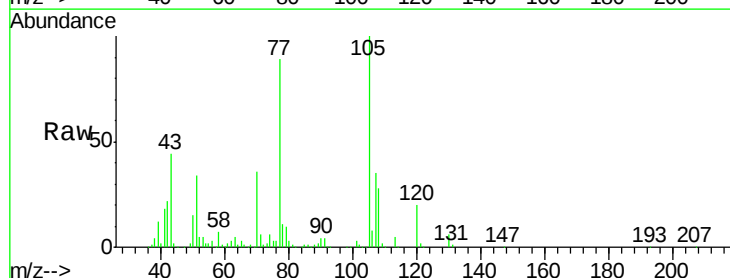
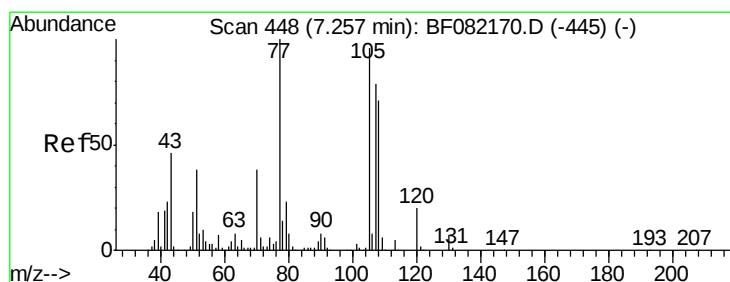
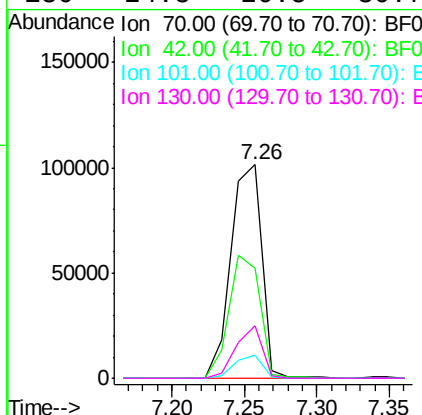




#19
n-Nitroso-di-n-propylamine
Concen: 50.30 ng
RT: 7.26 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

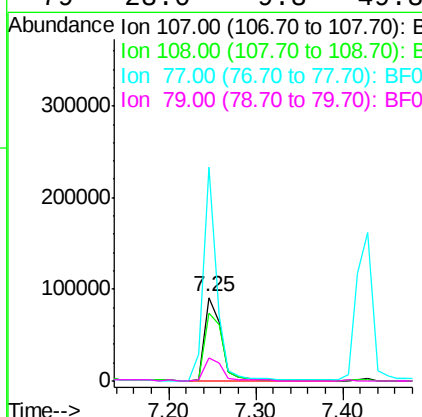
Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MS

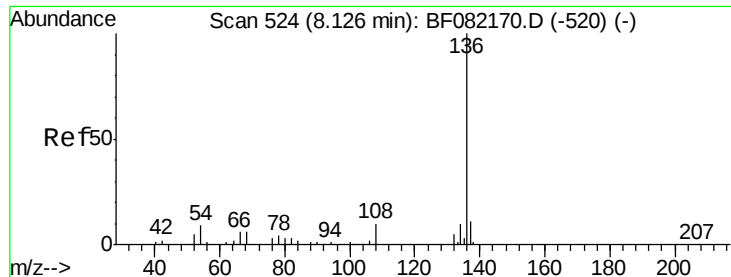
Tot Ion: 70 Resp: 149622
Ion Ratio Lower Upper
70 100
42 51.4 39.8 59.8
101 11.1 8.6 13.0
130 24.8 20.5 30.7



#20
3+4-Methylphenols
Concen: 32.63 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Tgt Ion:107 Resp: 122183
Ion Ratio Lower Upper
107 100
108 81.2 69.9 109.9
77 255.3 106.0 146.0#
79 28.0 9.8 49.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MS

Tot Ion:136 Resp: 257555

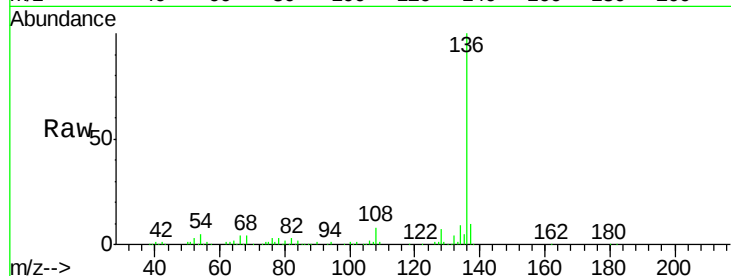
Ion Ratio Lower Upper

136 100

137 10.3 9.0 13.6

54 5.5 7.5 11.3#

68 4.0 4.6 7.0#

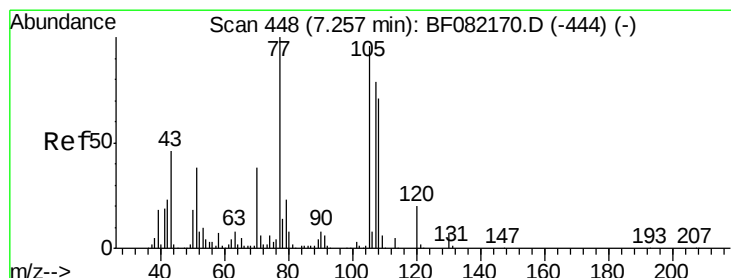
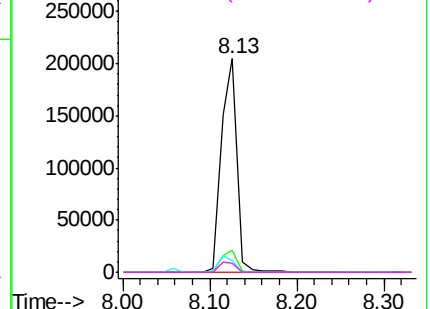
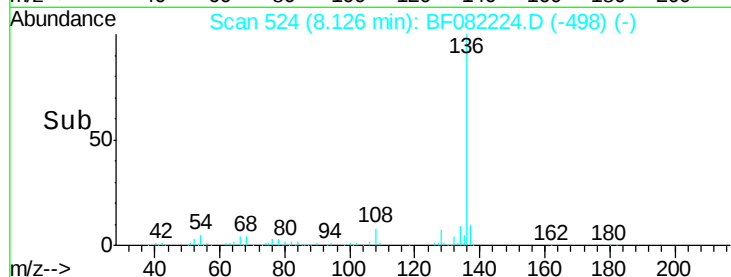


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 55.05 ng

RT: 7.25 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Tgt Ion:105 Resp: 280463

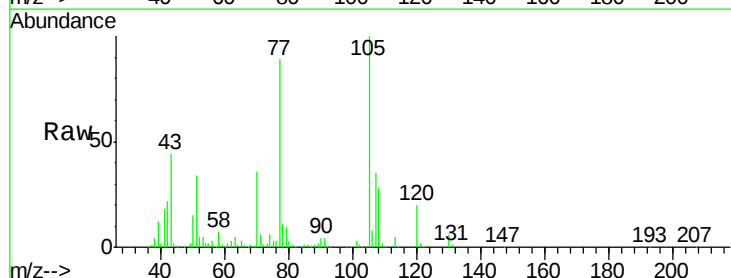
Ion Ratio Lower Upper

105 100

71 5.8 5.4 8.0

51 34.0 31.8 47.6

120 20.4 16.3 24.5

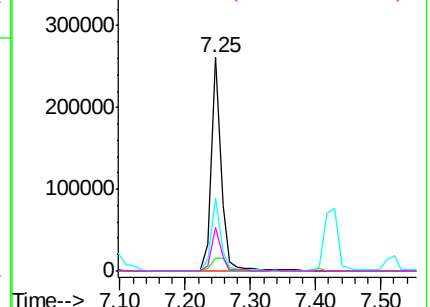
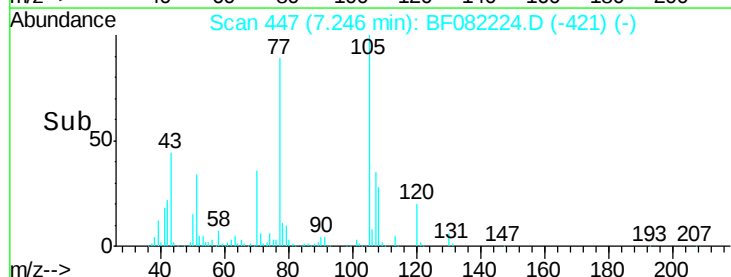


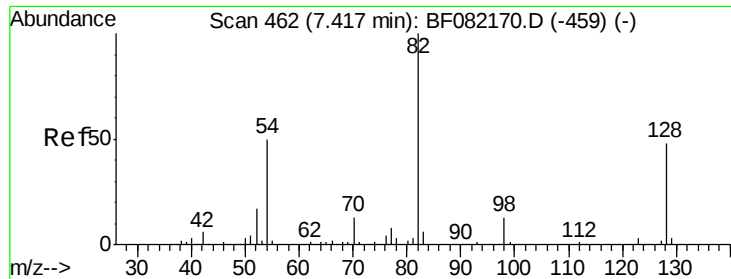
Abundance Ion 105.00 (104.70 to 105.70): E

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

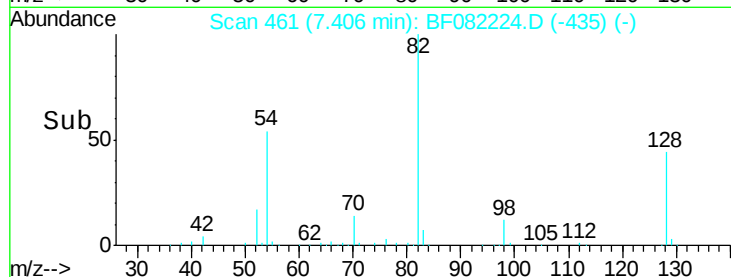
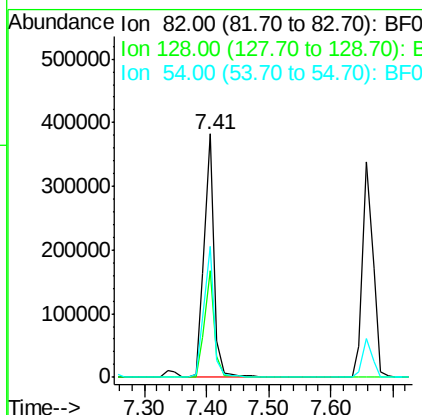
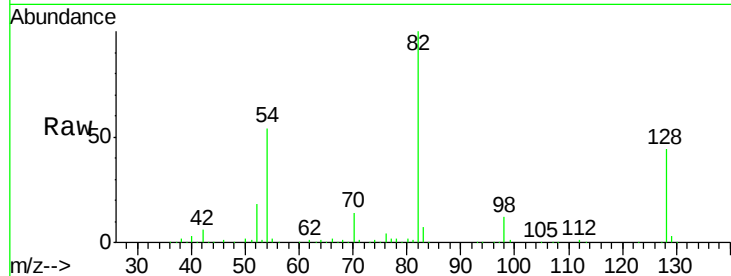




#23
 Nitrobenzene-d5
 Concen: 114.57 ng
 RT: 7.41 min Scan# 461
 Delta R.T. -0.00 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

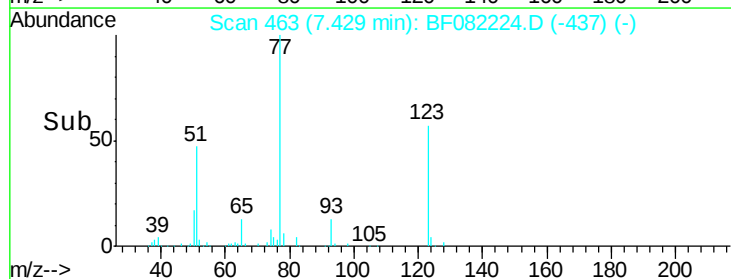
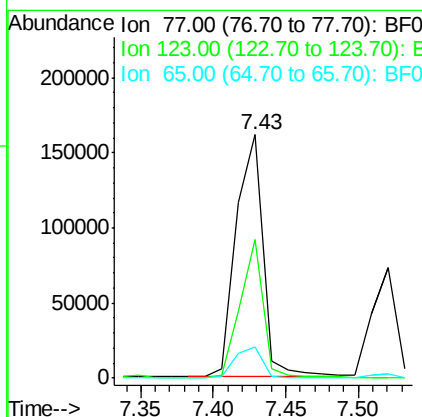
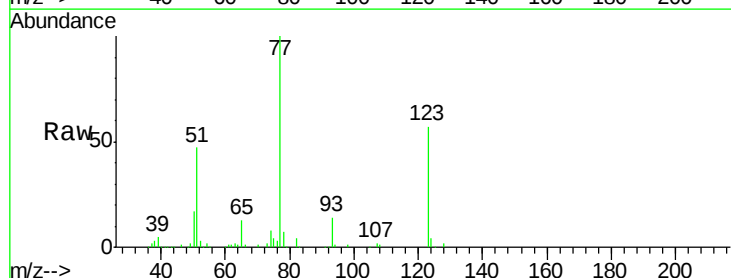
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MS

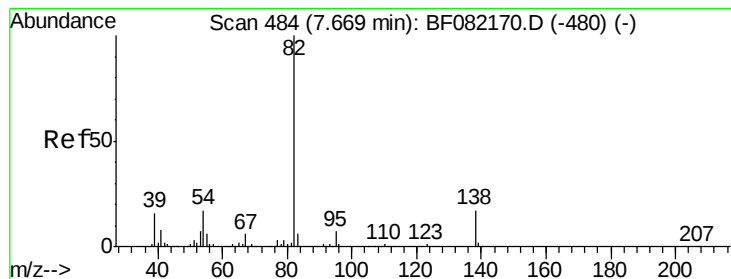
Tot Ion: 82 Resp: 439405
 Ion Ratio Lower Upper
 82 100
 128 44.1 38.7 58.1
 54 53.8 40.1 60.1



#24
 Nitrobenzene
 Concen: 50.33 ng
 RT: 7.43 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

Tgt Ion: 77 Resp: 208926
 Ion Ratio Lower Upper
 77 100
 123 56.8 33.0 49.4#
 65 13.0 11.2 16.8





#25

Isophorone

Concen: 50.22 ng

RT: 7.66 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MS

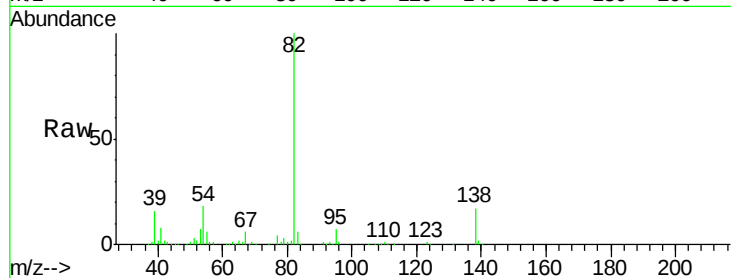
Tot Ion: 82 Resp: 388754

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

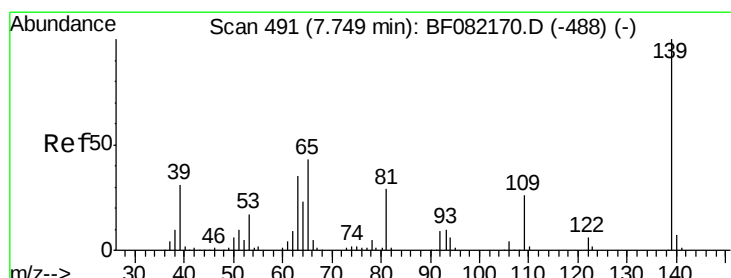
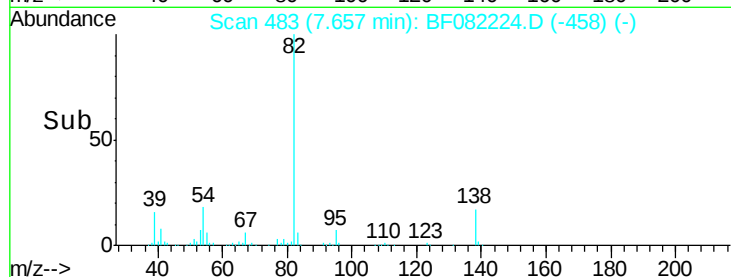
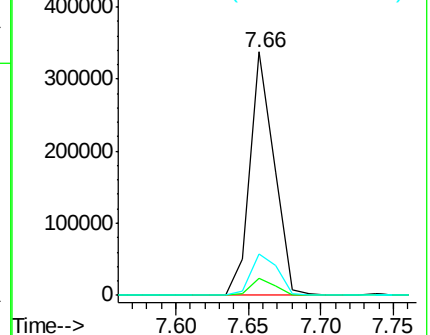
138 16.9 13.6 20.4



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: 53.27 ng

RT: 7.74 min Scan# 490

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

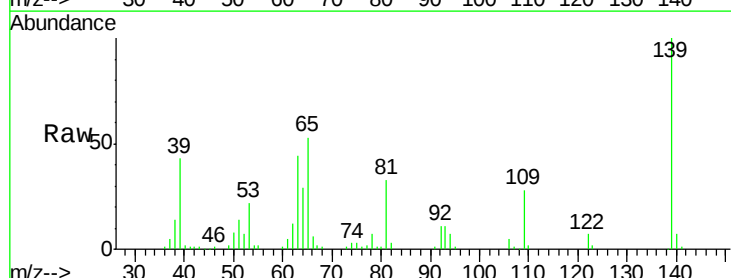
Tgt Ion: 139 Resp: 110429

Ion Ratio Lower Upper

139 100

109 28.4 20.6 31.0

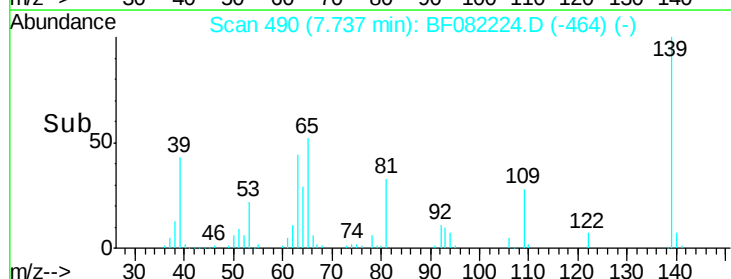
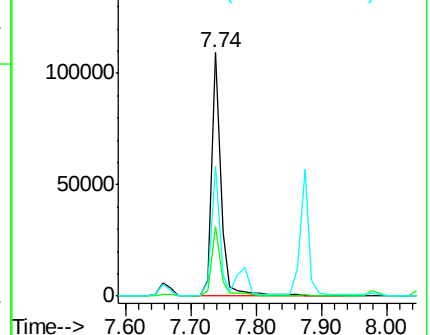
65 53.1 34.3 51.5#

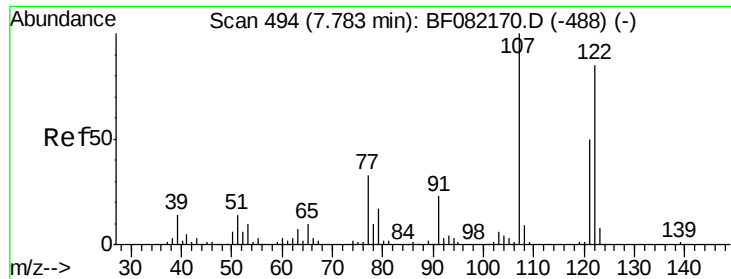


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 50.54 ng

RT: 7.78 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MS

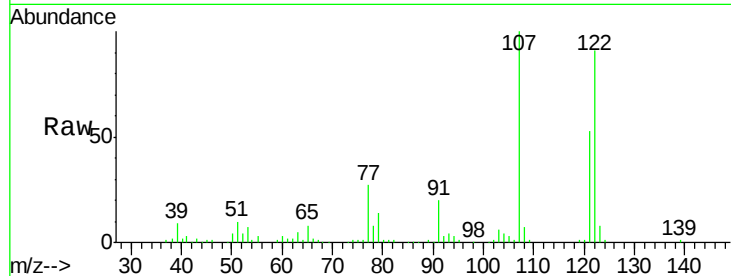
Tot Ion:122 Resp: 168793

Ion Ratio Lower Upper

122 100

107 109.5 94.0 141.0

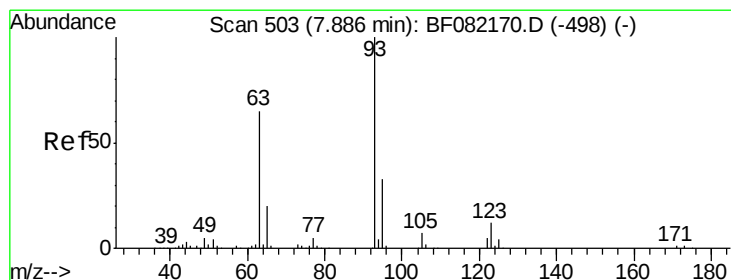
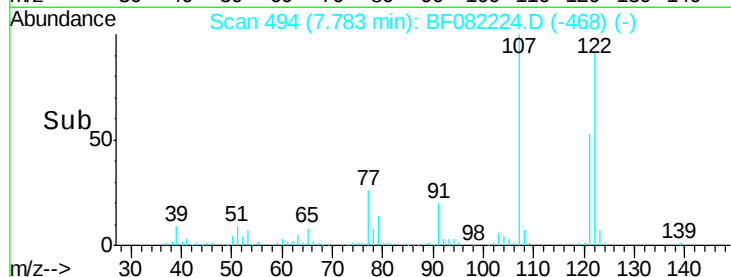
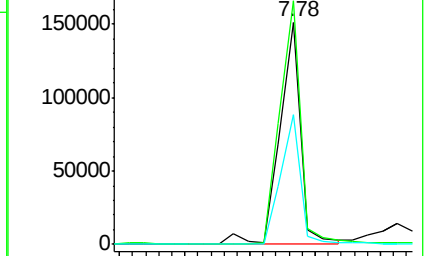
121 58.2 46.8 70.2



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: 56.15 ng

RT: 7.87 min Scan# 502

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

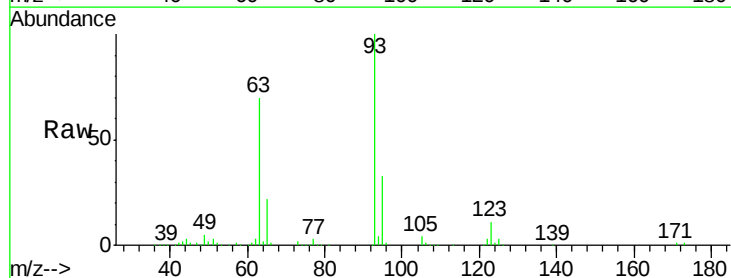
Tgt Ion: 93 Resp: 252888

Ion Ratio Lower Upper

93 100

95 32.7 26.6 39.8

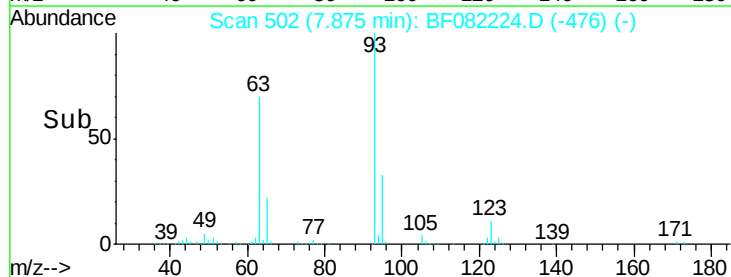
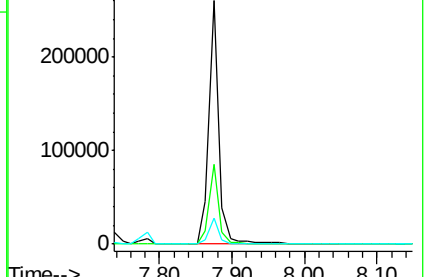
123 10.7 9.5 14.3

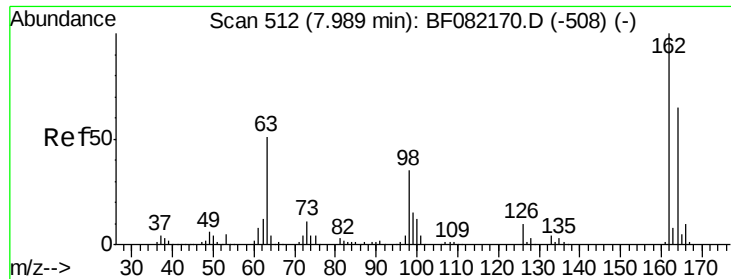


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

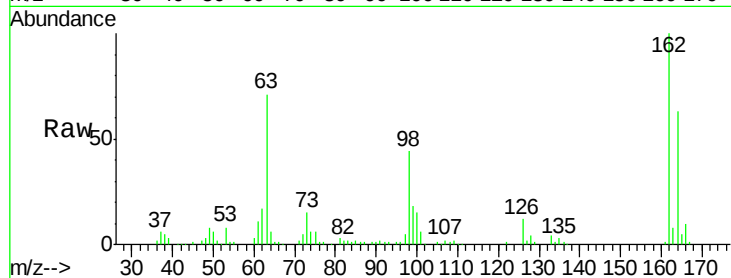




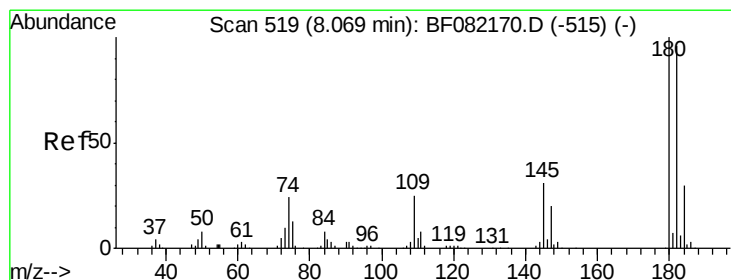
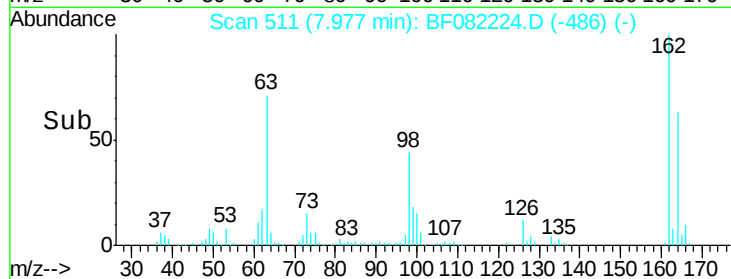
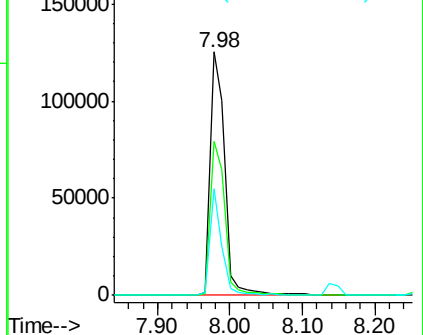
#29
 2,4-Dichlorophenol
 Concen: 52.09 ng
 RT: 7.98 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MS

Tot Ion:162 Resp: 173886
 Ion Ratio Lower Upper
 162 100
 164 63.1 44.6 84.6
 98 43.6 15.0 55.0

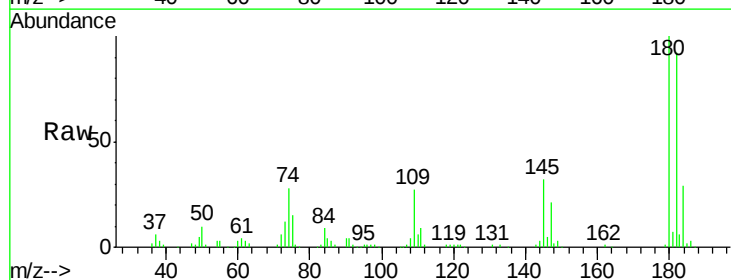


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

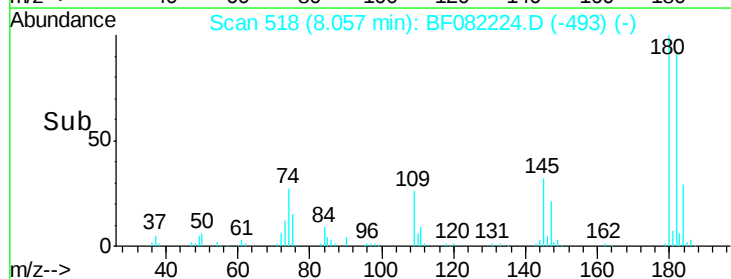
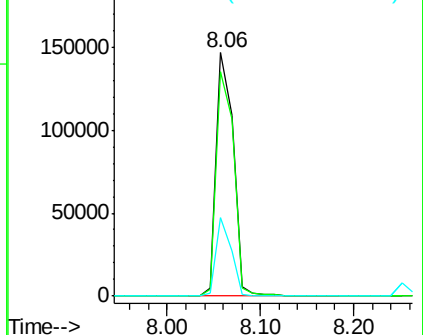


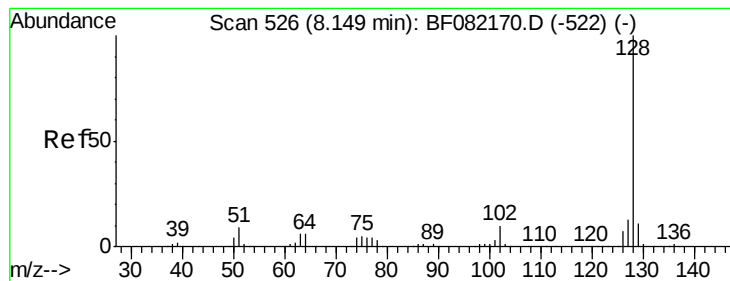
#30
 1,2,4-Trichlorobenzene
 Concen: 48.35 ng
 RT: 8.06 min Scan# 518
 Delta R.T. -0.01 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

Tgt Ion:180 Resp: 186045
 Ion Ratio Lower Upper
 180 100
 182 92.3 77.0 115.4
 145 32.4 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: 51.70 ng

RT: 8.15 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MS

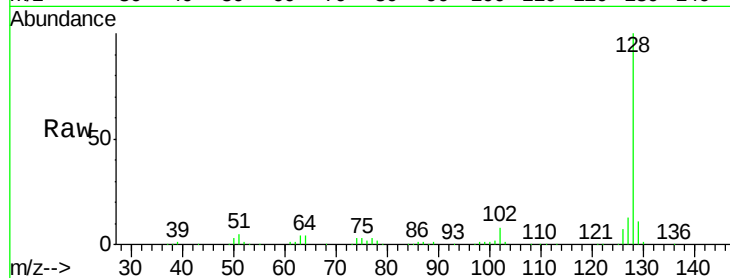
Tot Ion:128 Resp: 577179

Ion Ratio Lower Upper

128 100

129 10.5 9.1 13.7

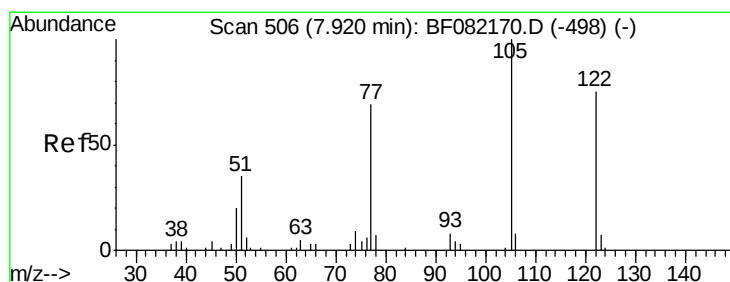
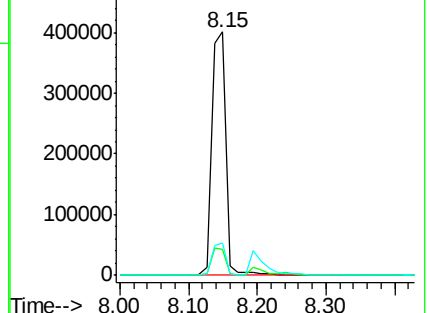
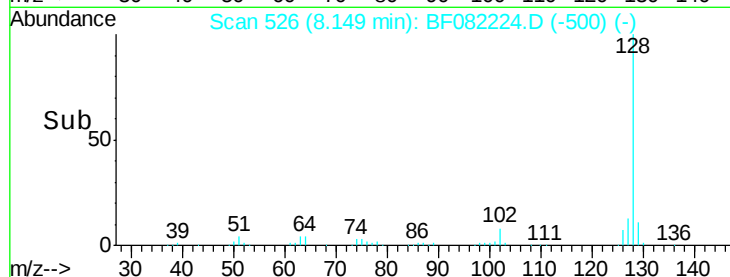
127 13.2 10.7 16.1



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: 15.70 ng

RT: 7.86 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

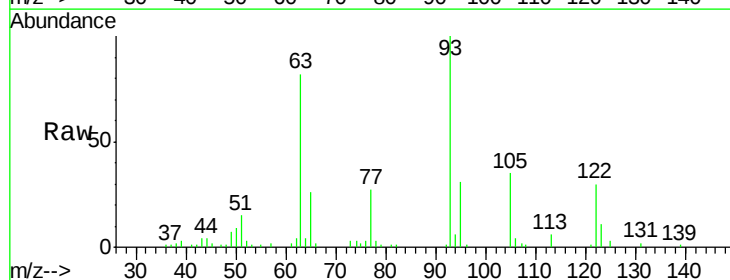
Tgt Ion:122 Resp: 35185

Ion Ratio Lower Upper

122 100

105 114.4 104.4 144.4

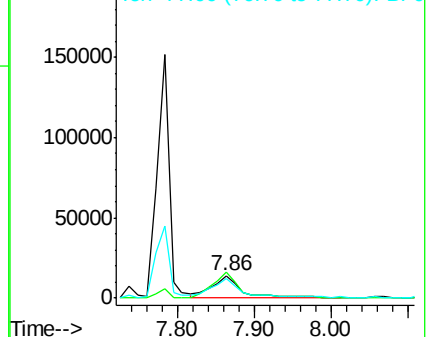
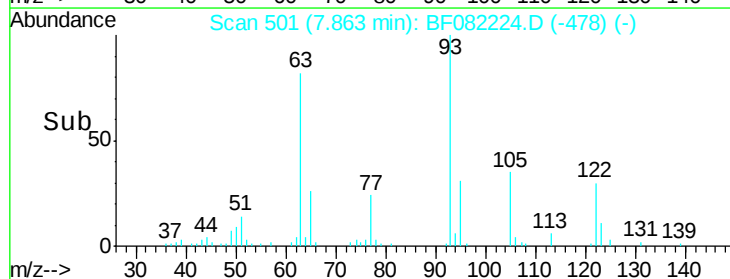
77 90.1 69.0 109.0



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

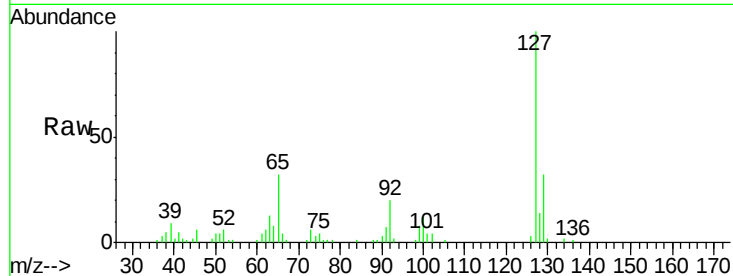




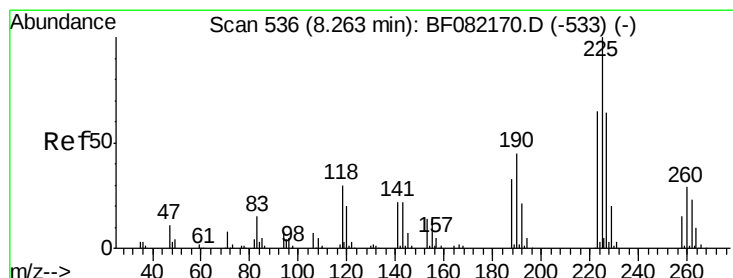
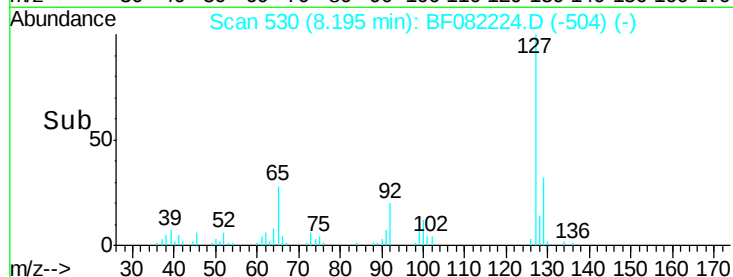
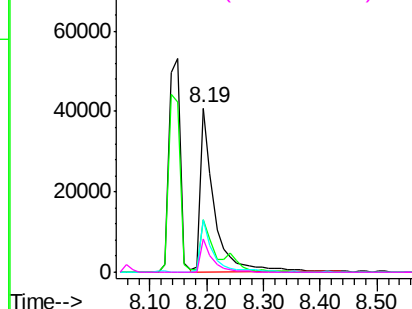
#33
4-Chloroaniline
Concen: 14.46 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MS

Tot Ion:	127	Resp:	67036
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.3	39.5
65	32.2	24.4	36.6
92	20.2	15.7	23.5

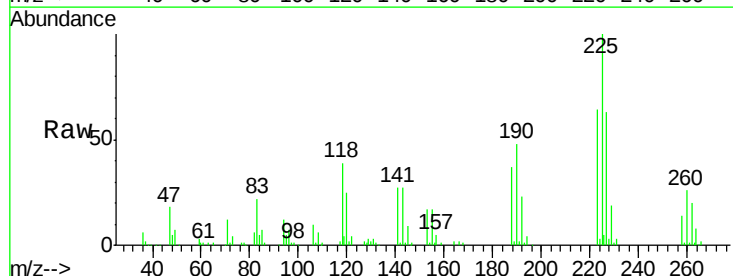


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

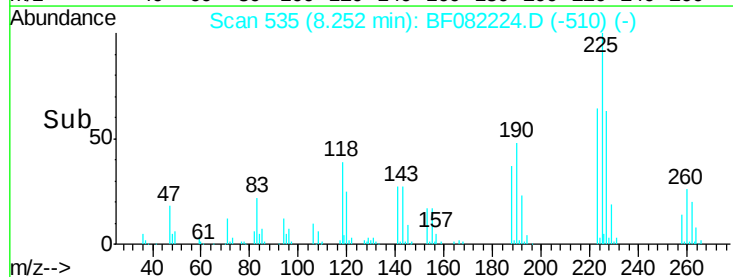
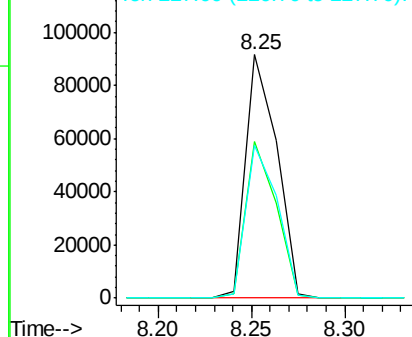


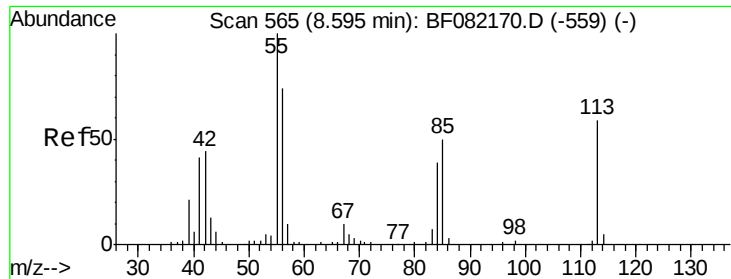
#34
Hexachlorobutadiene
Concen: 44.33 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Tgt Ion:	225	Resp:	106295
Ion	Ratio	Lower	Upper
225	100		
223	64.2	52.2	78.2
227	62.9	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

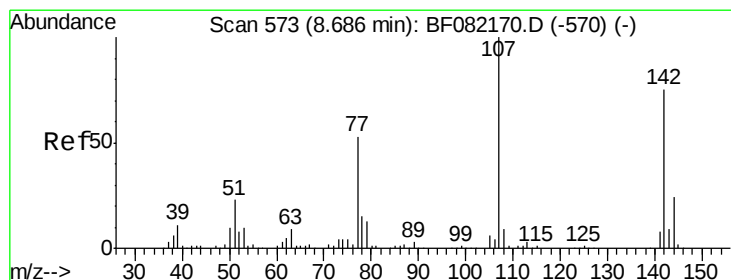
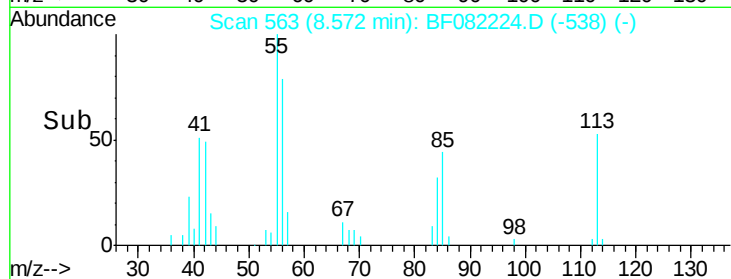
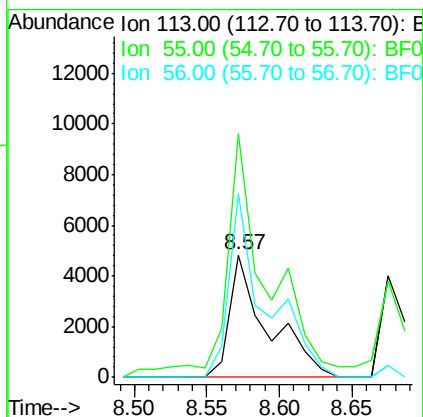
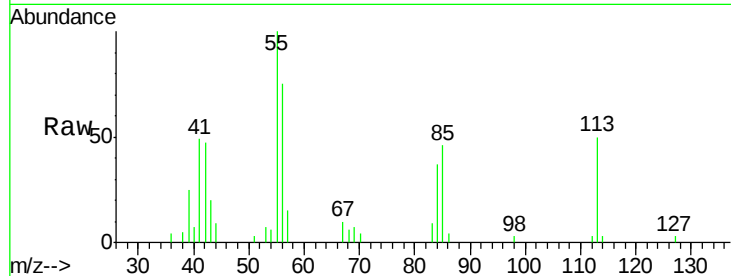




#35
Caprolactam
Concen: 9.05 ng
RT: 8.57 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

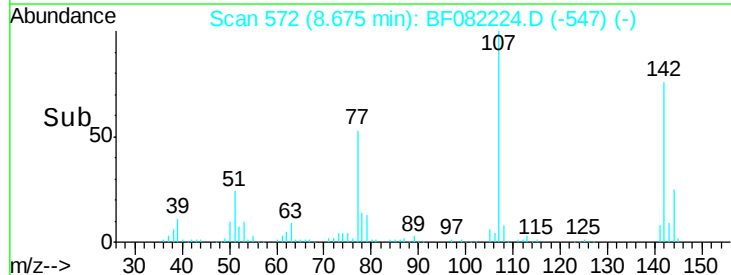
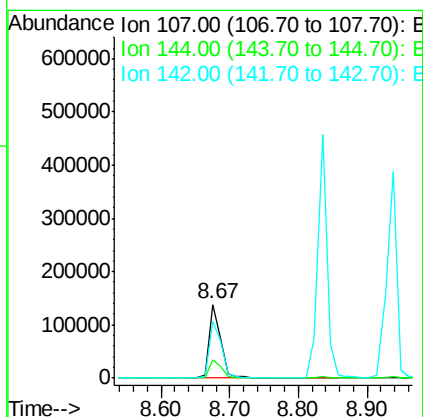
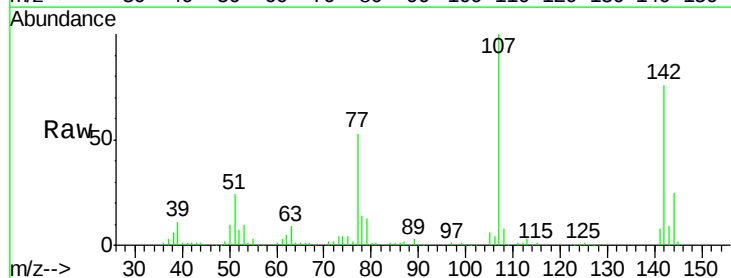
Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MS

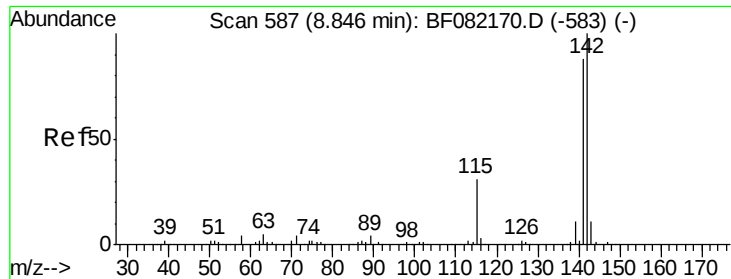
Tot Ion:113 Resp: 8764
Ion Ratio Lower Upper
113 100
55 198.8 149.7 189.7#
56 149.6 105.4 145.4#



#36
4-Chloro-3-methylphenol
Concen: 51.38 ng
RT: 8.67 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Tgt Ion:107 Resp: 167732
Ion Ratio Lower Upper
107 100
144 24.6 19.3 28.9
142 76.2 59.9 89.9

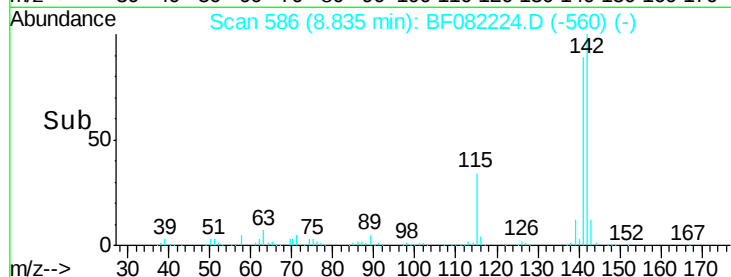
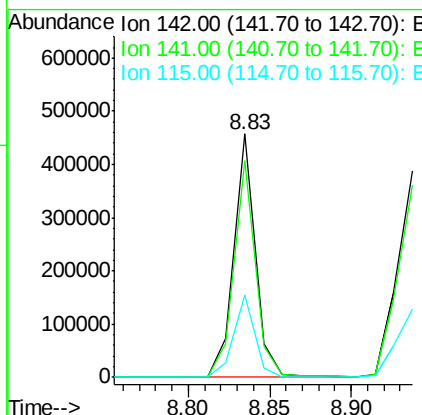
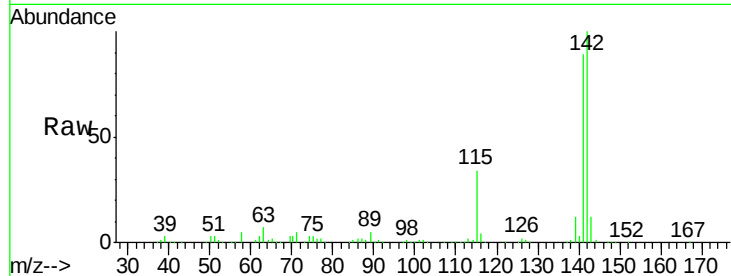




#37
2-Methylnaphthalene
Concen: 53.74 ng
RT: 8.83 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

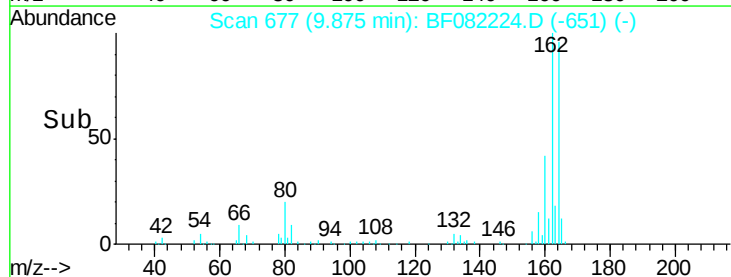
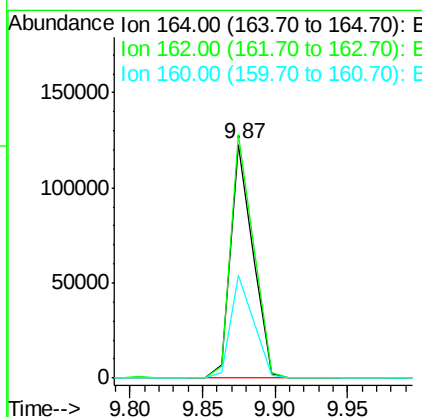
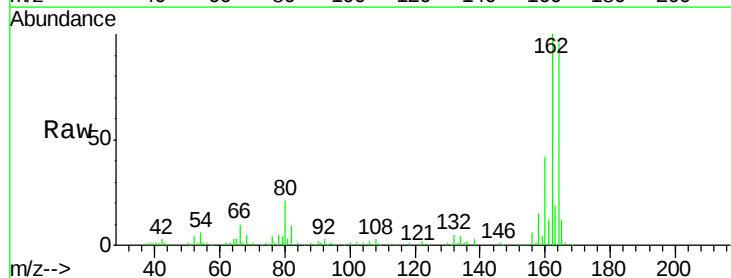
Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MS

Tot Ion:142 Resp: 415907
Ion Ratio Lower Upper
142 100
141 89.2 70.4 105.6
115 33.9 24.6 37.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Tgt Ion:164 Resp: 131267
Ion Ratio Lower Upper
164 100
162 104.3 81.6 122.4
160 43.9 36.4 54.6

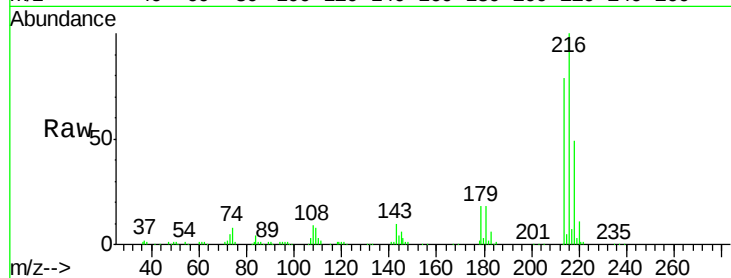




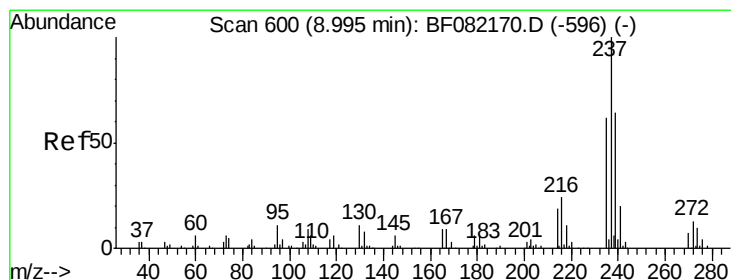
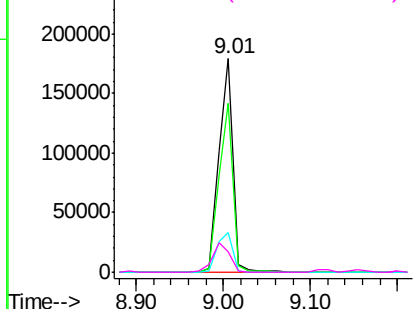
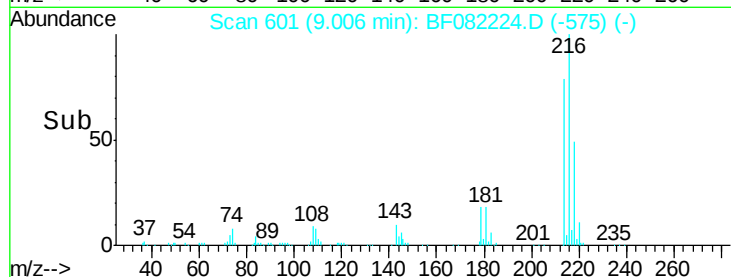
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 52.37 ng
 RT: 9.01 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MS

Tot Ion:216	Resp:	204477
Ion Ratio	Lower	Upper
216	100	
214	79.6	64.6 97.0
179	20.5	17.6 26.4
108	17.1	14.5 21.7

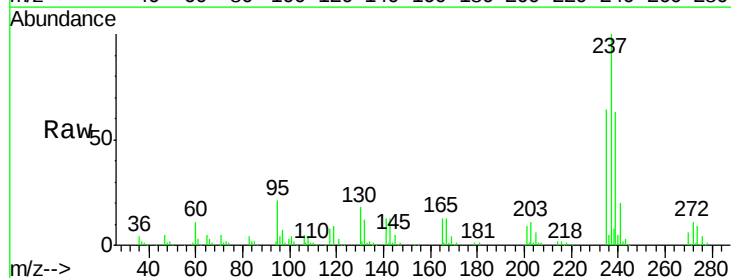


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

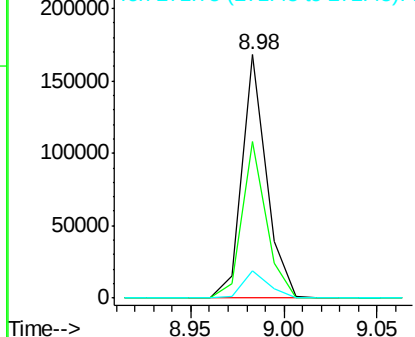
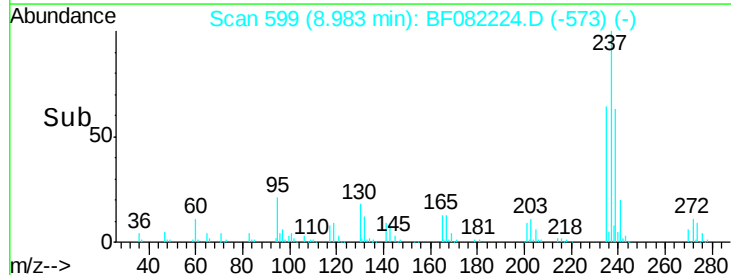


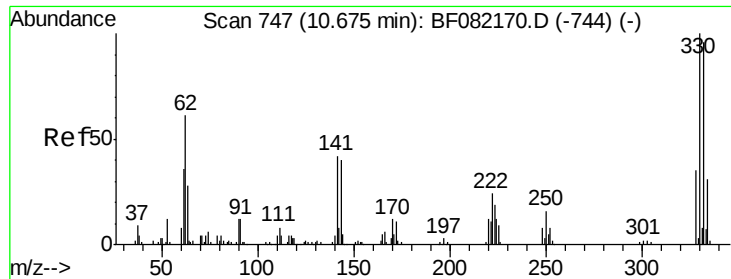
#40
 Hexachlorocyclopentadiene
 Concen: 77.94 ng
 RT: 8.98 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

Tgt Ion:237	Resp:	153504
Ion Ratio	Lower	Upper
237	100	
235	64.2	41.7 81.7
272	11.3	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

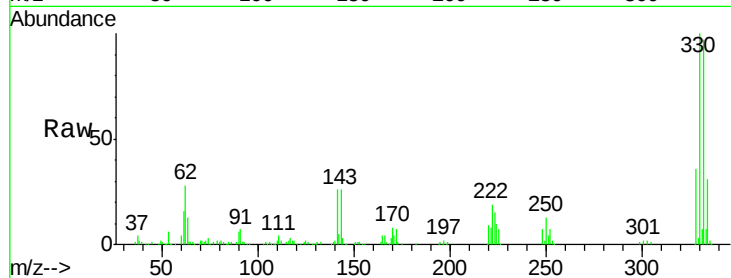




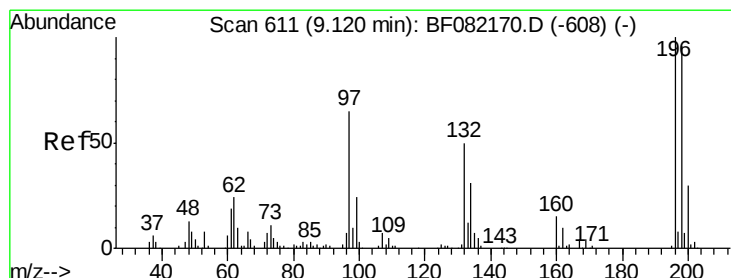
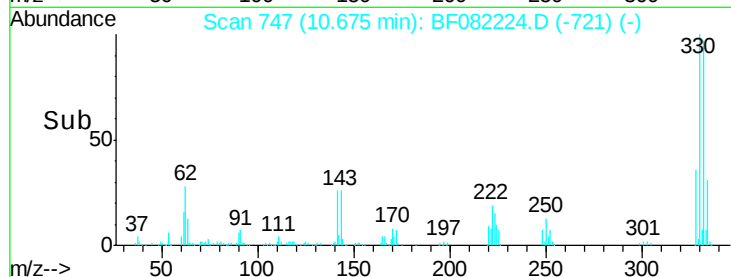
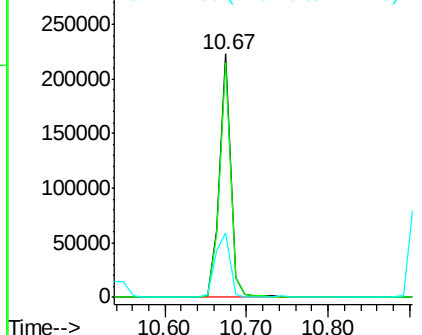
#41
 2,4,6-Tribromophenol
 Concen: 175.59 ng
 RT: 10.67 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MS

Tot Ion:330 Resp: 216164
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.1 115.7
 141 35.1 29.8 44.8

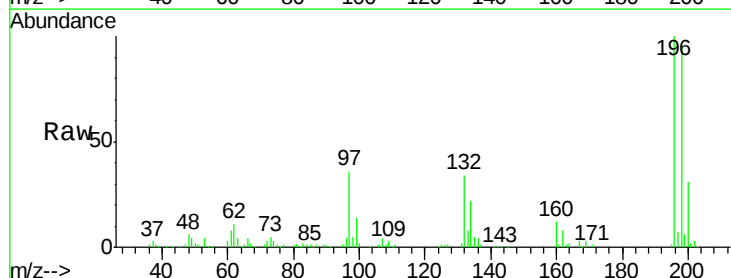


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

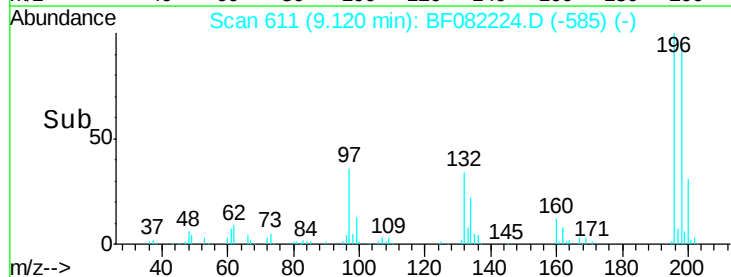
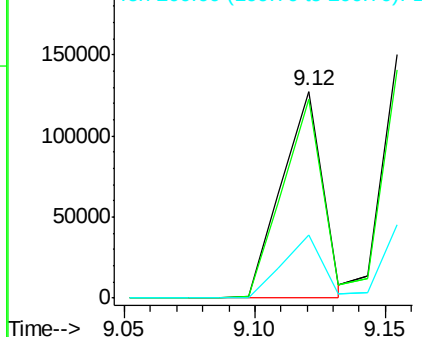


#42
 2,4,6-Trichlorophenol
 Concen: 53.16 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

Tgt Ion:196 Resp: 137868
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.6 115.0
 200 30.8 23.7 35.5



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

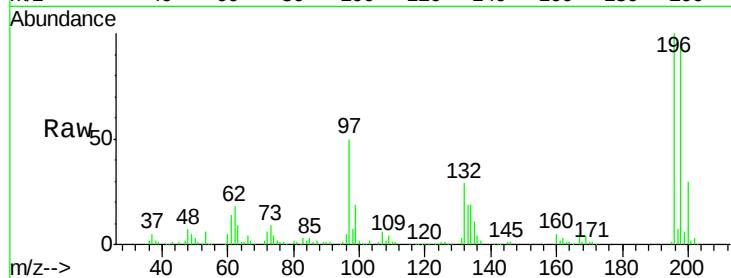




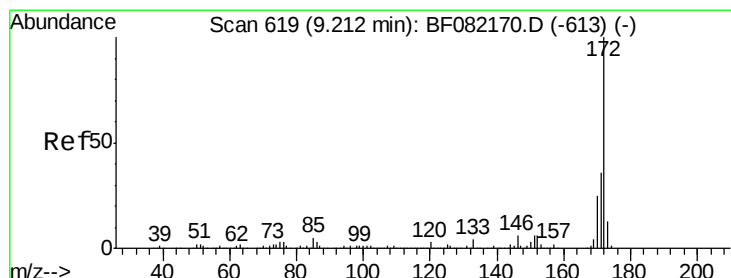
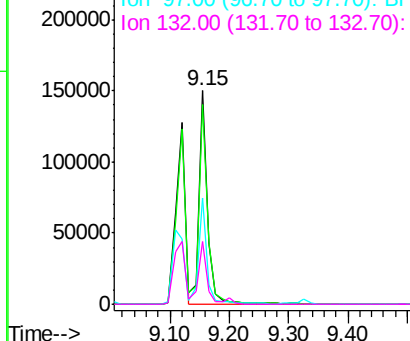
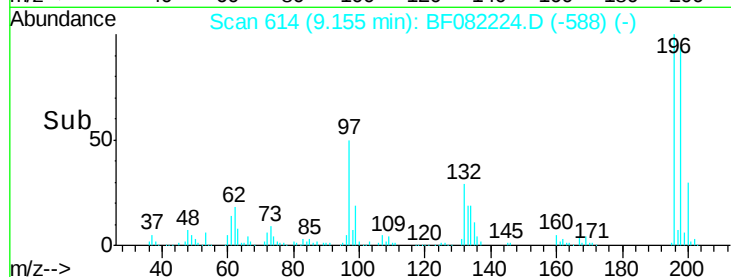
#43
2,4,5-Trichlorophenol
Concen: 55.61 ng
RT: 9.15 min Scan# 614
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MS

Tot Ion:196 Resp: 156216
Ion Ratio Lower Upper
196 100
198 93.7 77.0 115.4
97 49.7 31.9 47.9#
132 29.2 20.3 30.5

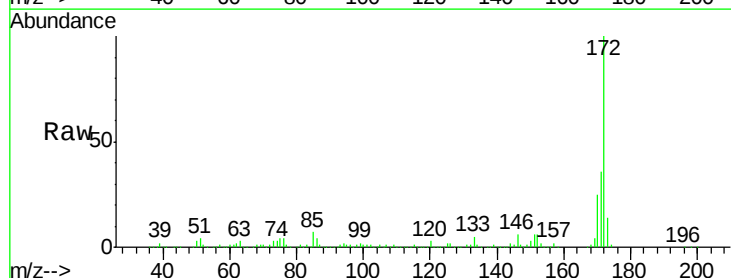


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

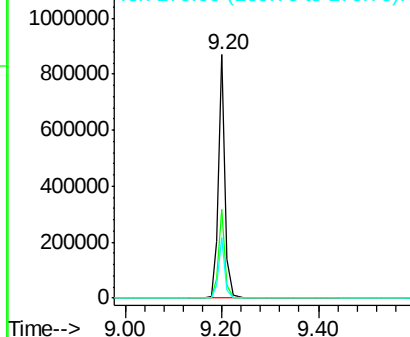
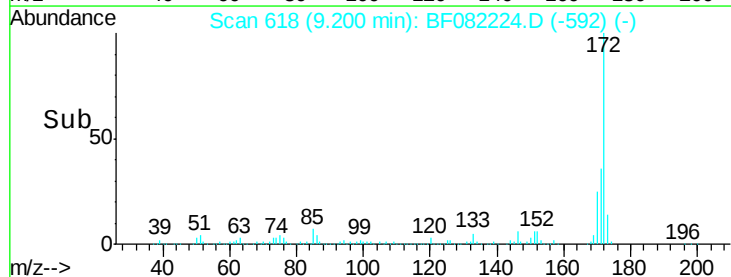


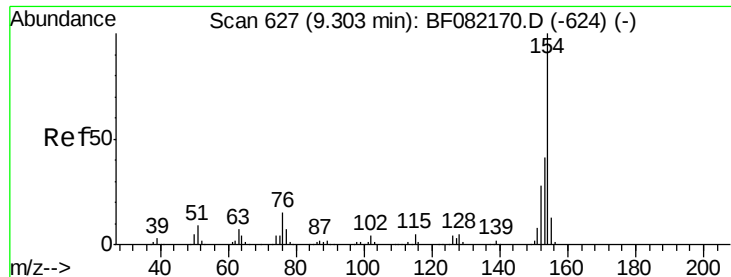
#44
2-Fluorobiphenyl
Concen: 107.71 ng
RT: 9.20 min Scan# 618
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Tgt Ion:172 Resp: 852532
Ion Ratio Lower Upper
172 100
171 36.4 28.6 42.8
170 24.9 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

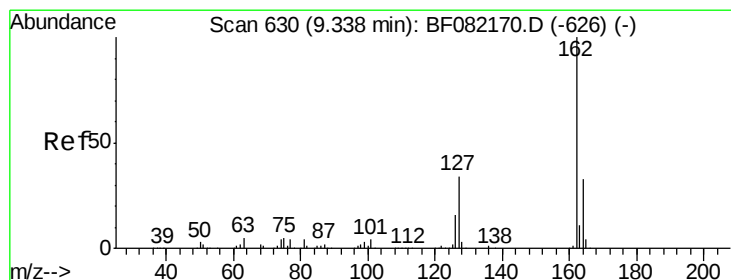
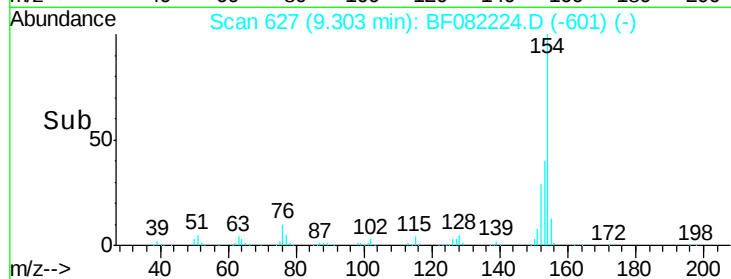
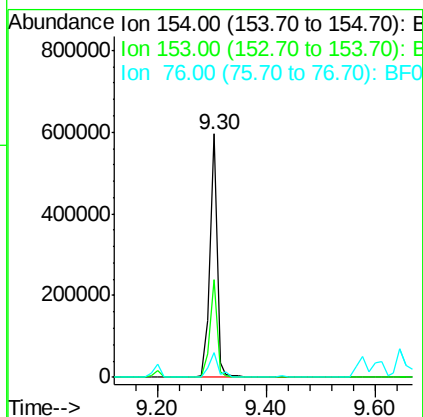
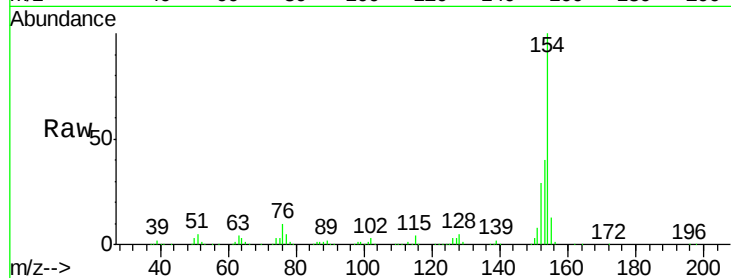




#45
 1,1'-Biphenyl
 Concen: 54.57 ng
 RT: 9.30 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

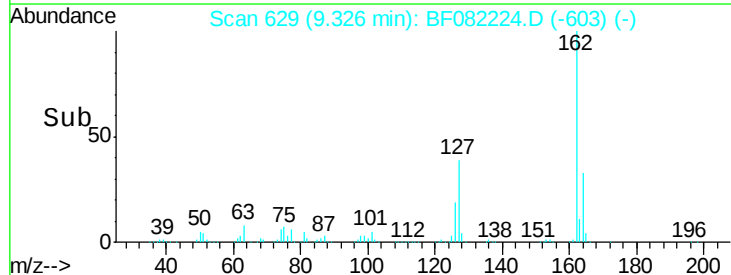
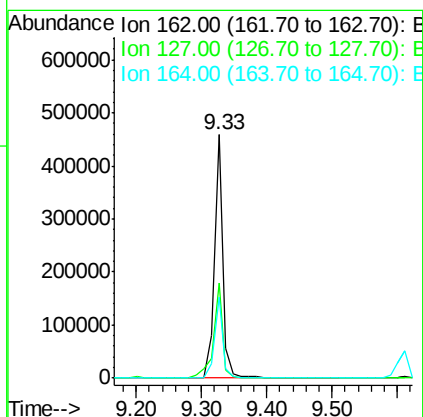
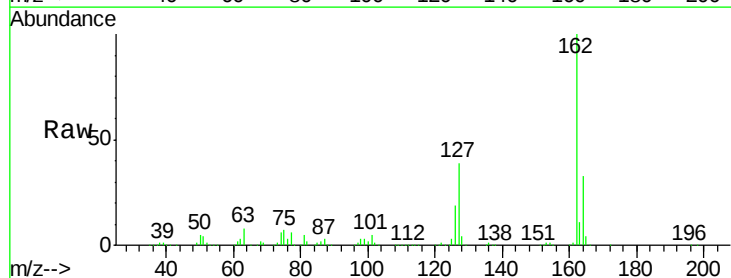
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MS

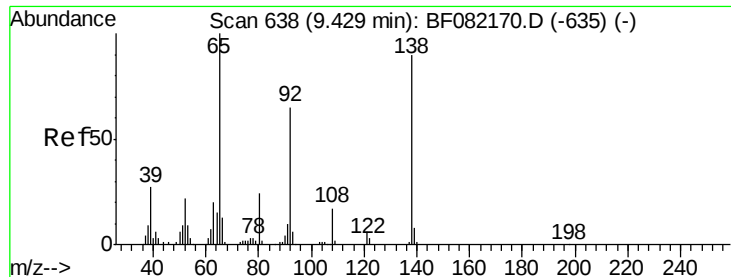
Tot Ion:154 Resp: 546271
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.6 60.6
 76 10.1 0.0 35.2



#46
 2-Chloronaphthalene
 Concen: 53.95 ng
 RT: 9.33 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

Tgt Ion:162 Resp: 425106
 Ion Ratio Lower Upper
 162 100
 127 39.2 27.5 41.3
 164 33.0 26.6 39.8

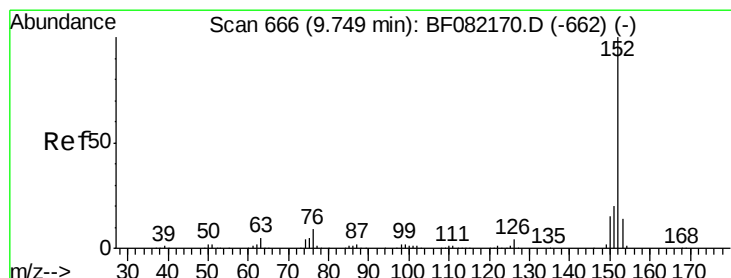
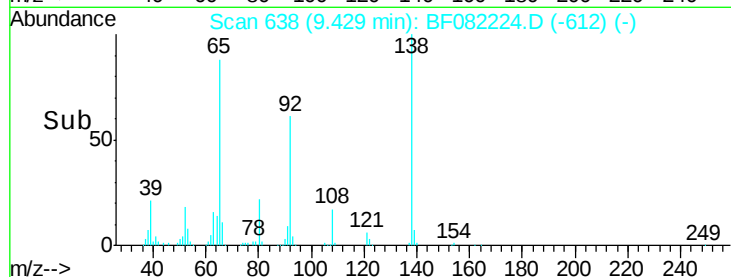
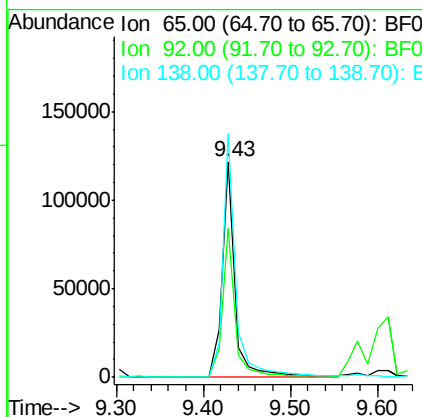
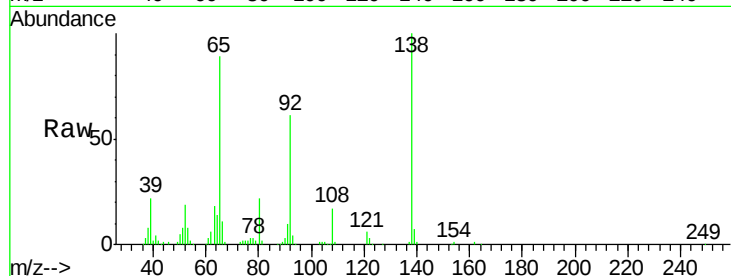




#47
2-Nitroaniline
Concen: 59.78 ng
RT: 9.43 min Scan# 638
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

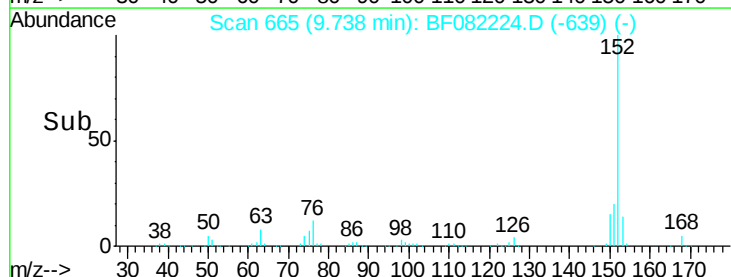
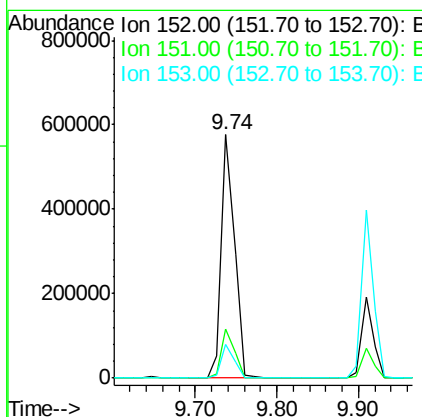
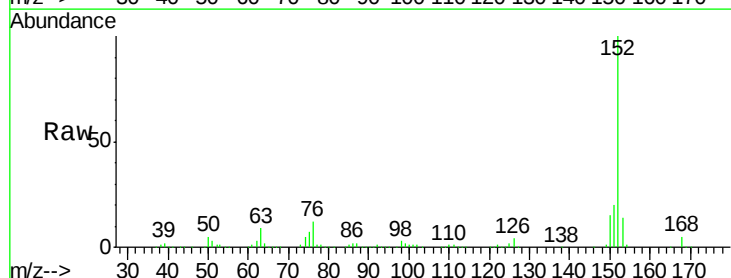
Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MS

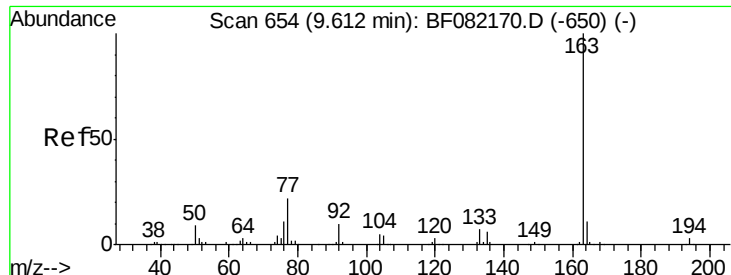
Tot Ion: 65 Resp: 129324
Ion Ratio Lower Upper
65 100
92 69.2 52.3 78.5
138 112.9 72.2 108.4#



#48
Acenaphthylene
Concen: 52.48 ng
RT: 9.74 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Tgt Ion: 152 Resp: 644176
Ion Ratio Lower Upper
152 100
151 20.0 16.4 24.6
153 13.6 10.8 16.2

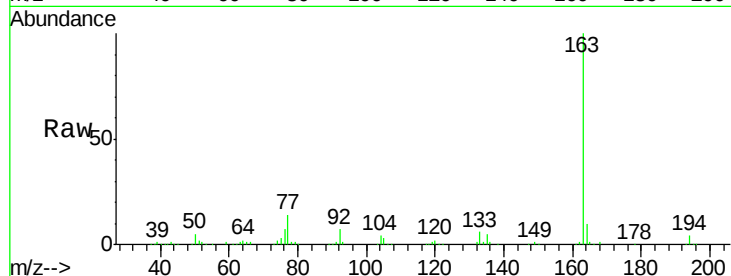




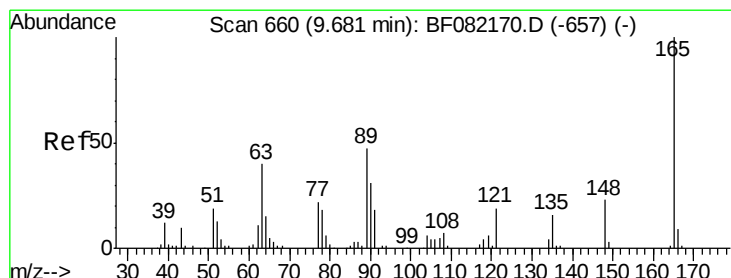
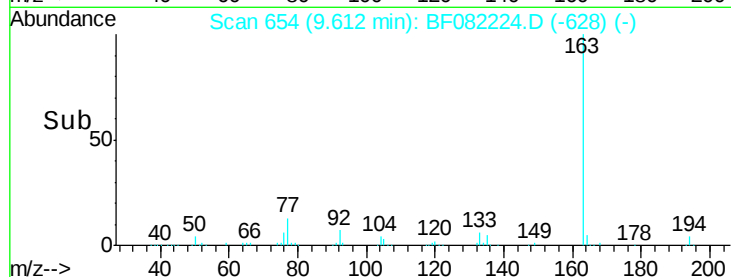
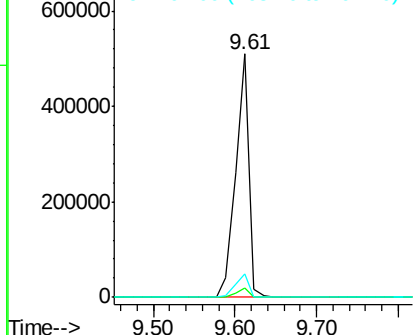
#49
Dimethylphthalate
Concen: 61.86 ng
RT: 9.61 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MS

Tot Ion:163 Resp: 571761
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 9.9 8.5 12.7

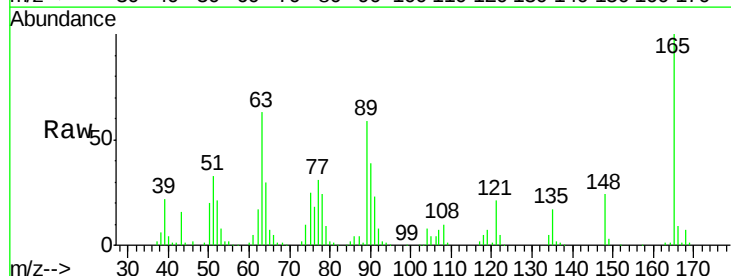


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

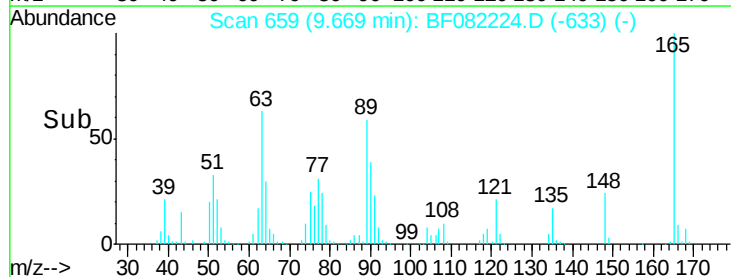
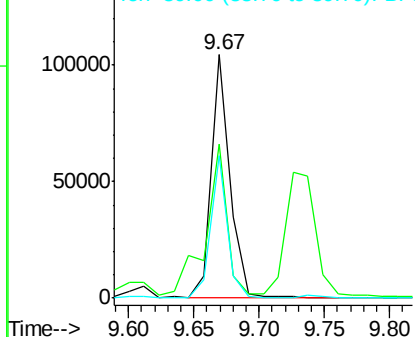


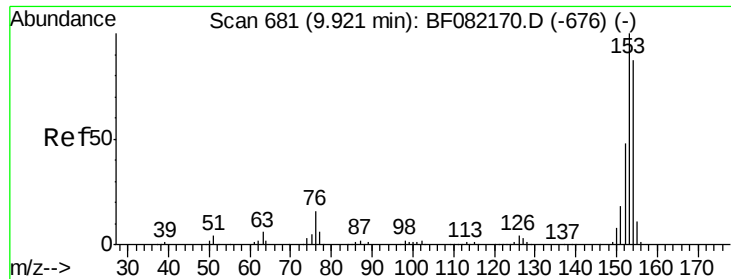
#50
2,6-Dinitrotoluene
Concen: 54.00 ng
RT: 9.67 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Tgt Ion:165 Resp: 105324
Ion Ratio Lower Upper
165 100
63 63.4 36.7 55.1#
89 58.7 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: 52.01 ng

RT: 9.91 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MS

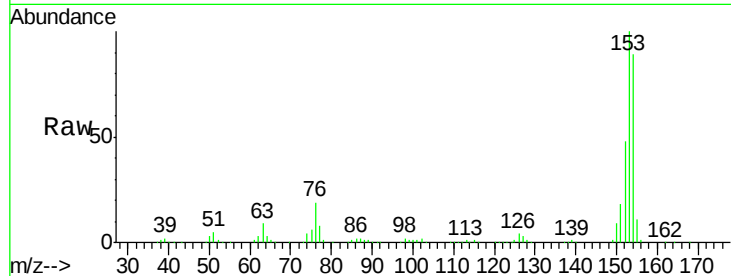
Tot Ion:154 Resp: 383277

Ion Ratio Lower Upper

154 100

153 112.3 91.4 137.2

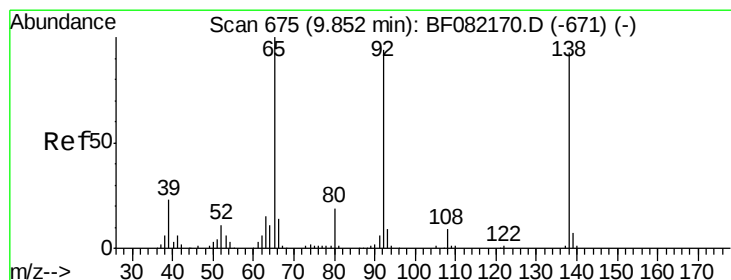
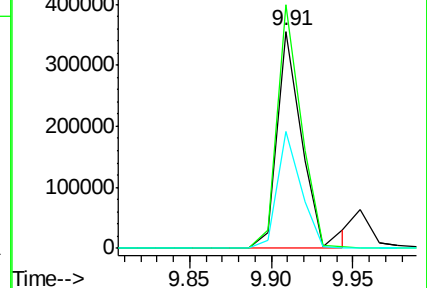
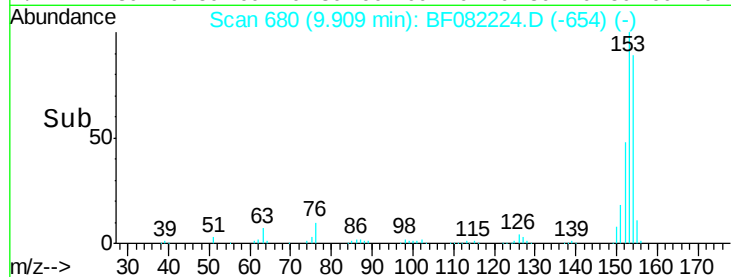
152 54.0 44.3 66.5



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: 18.08 ng

RT: 9.84 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

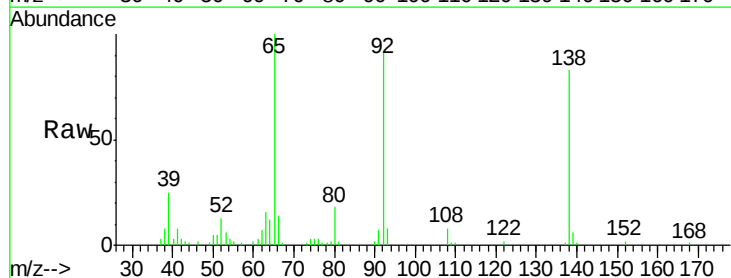
Tgt Ion:138 Resp: 39842

Ion Ratio Lower Upper

138 100

108 10.2 7.4 11.0

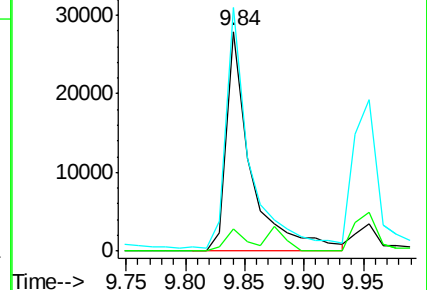
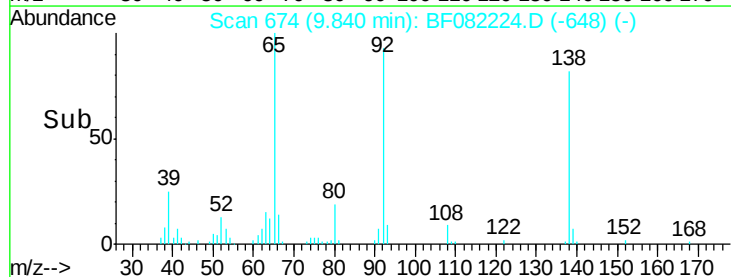
92 110.8 81.3 121.9



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

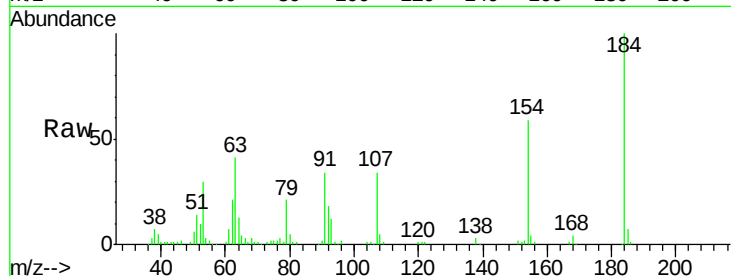




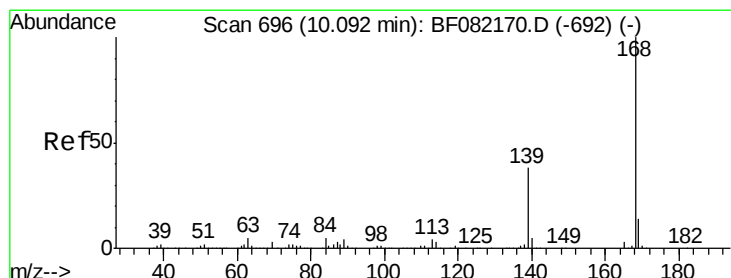
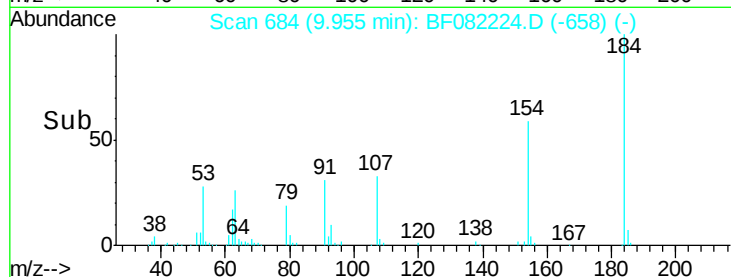
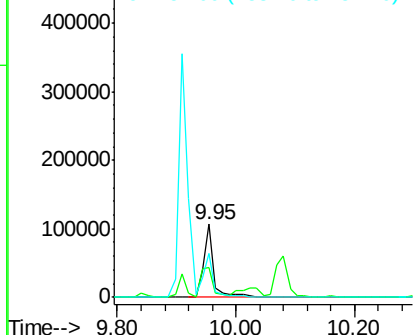
#53
 2,4-Dinitrophenol
 Concen: 116.36 ng
 RT: 9.95 min Scan# 684
 Delta R.T. -0.00 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MS

Tot Ion:184 Resp: 130261
 Ion Ratio Lower Upper
 184 100
 63 41.4 45.1 67.7#
 154 59.3 51.2 76.8

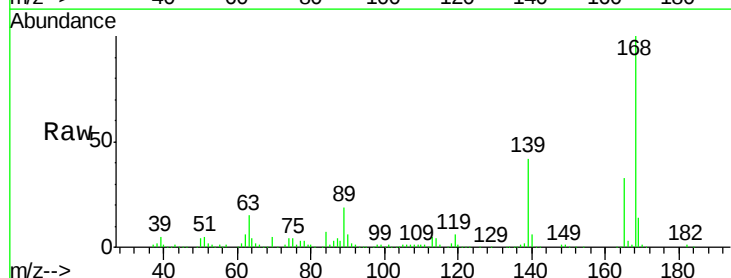


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

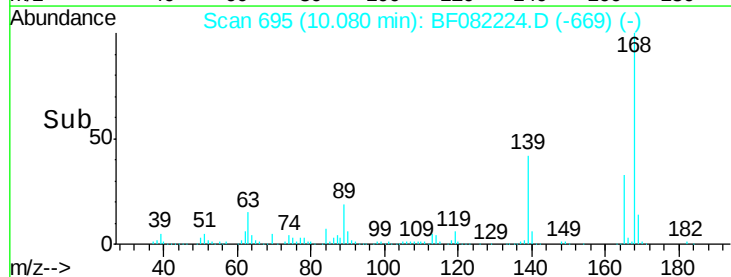
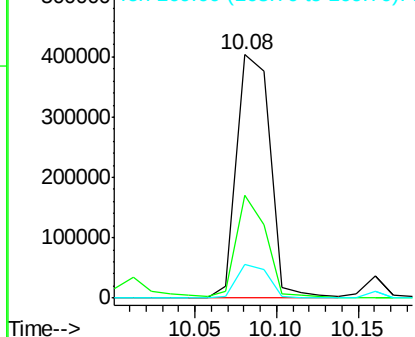


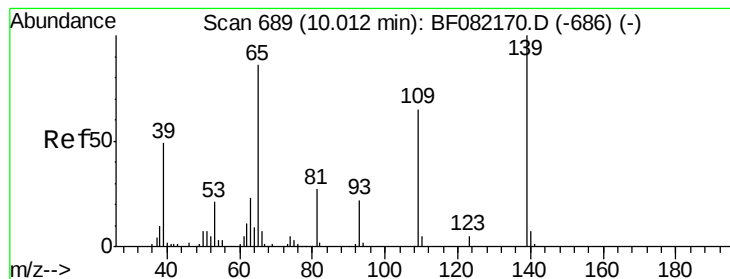
#54
 Dibenzofuran
 Concen: 56.39 ng
 RT: 10.08 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

Tgt Ion:168 Resp: 570494
 Ion Ratio Lower Upper
 168 100
 139 42.3 31.0 46.6
 169 14.0 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: 42.33 ng

RT: 10.01 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MS

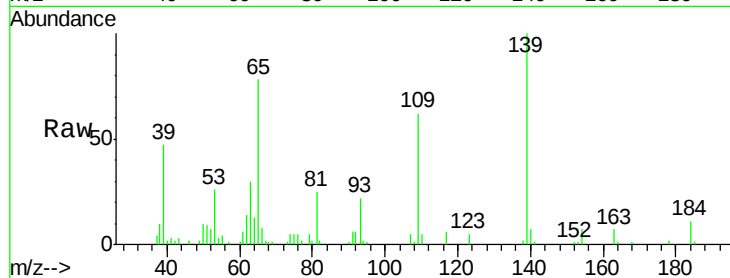
Tot Ion:139 Resp: 52460

Ion Ratio Lower Upper

139 100

109 62.3 44.8 84.8

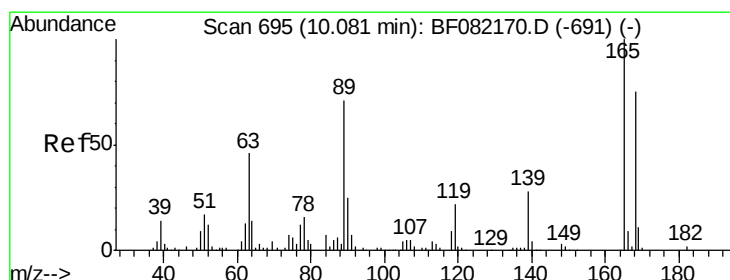
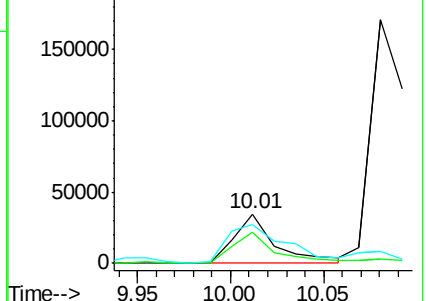
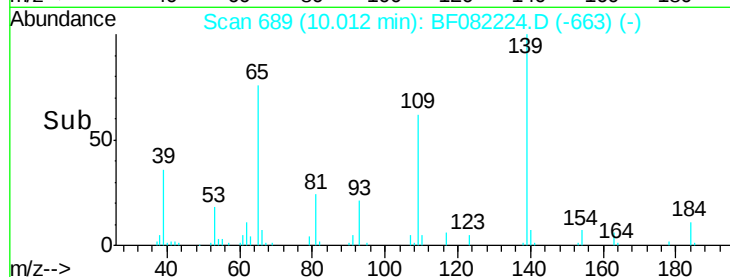
65 78.4 67.7 107.7



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 65.91 ng

RT: 10.08 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Tgt Ion:165 Resp: 160661

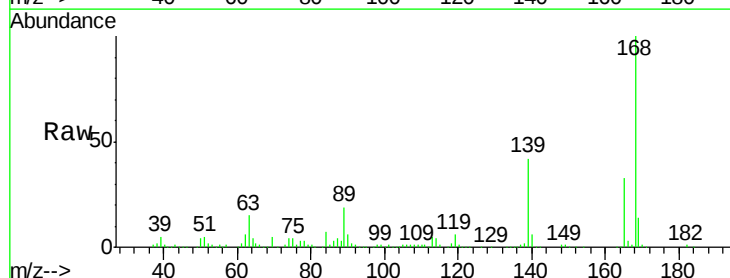
Ion Ratio Lower Upper

165 100

63 44.6 38.6 58.0

89 57.4 57.0 85.6

182 2.5 1.8 2.6

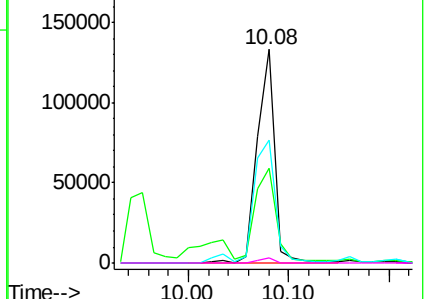
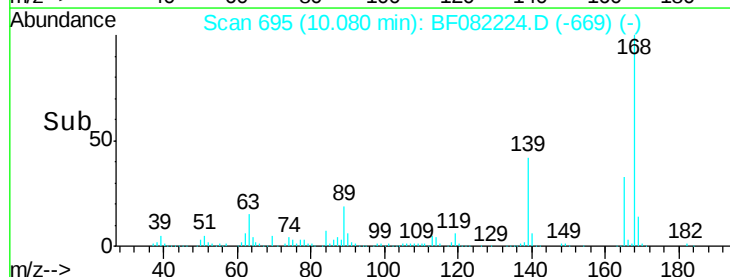


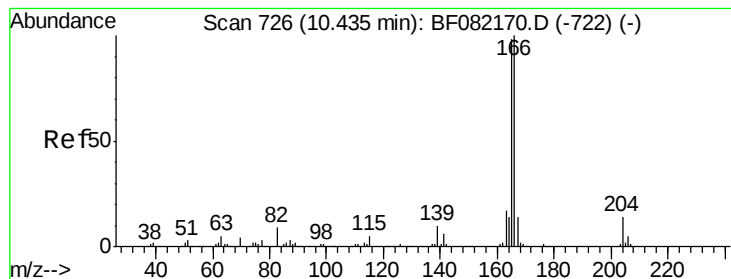
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 53.88 ng

RT: 10.42 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MS

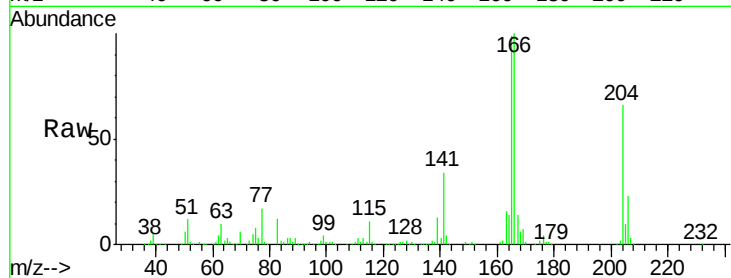
Tot Ion:166 Resp: 447708

Ion Ratio Lower Upper

166 100

165 99.0 78.3 117.5

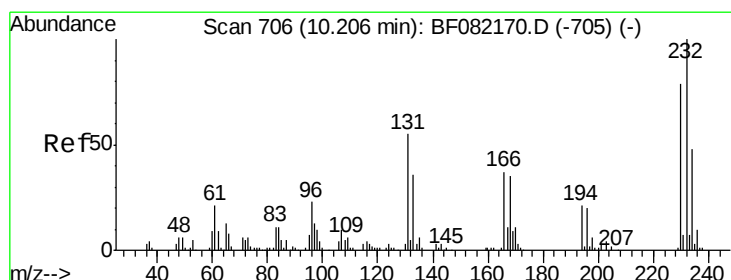
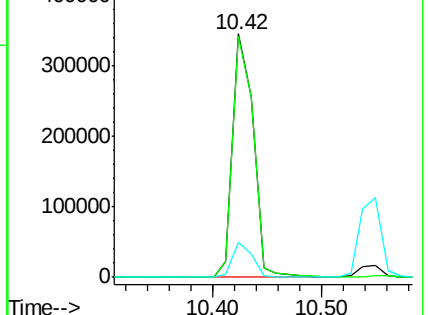
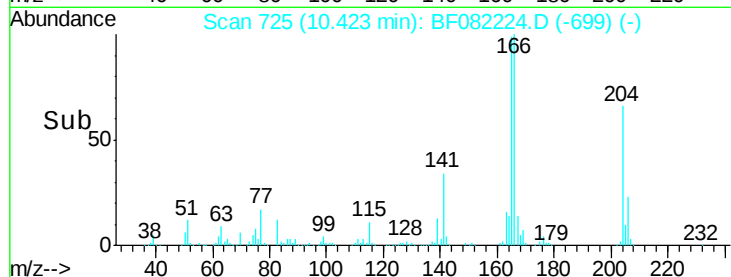
167 14.1 10.8 16.2



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: 59.91 ng

RT: 10.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Tgt Ion:232 Resp: 137508

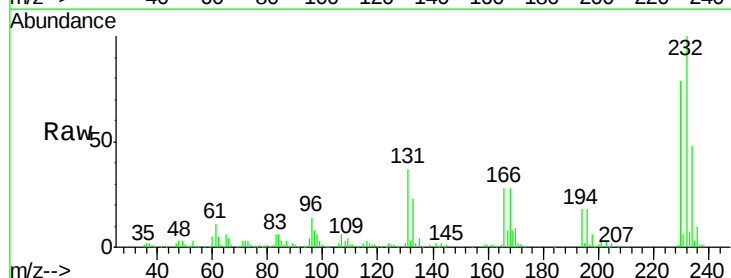
Ion Ratio Lower Upper

232 100

131 41.8 36.6 54.8

130 1.8 1.5 2.3

166 28.7 24.6 37.0

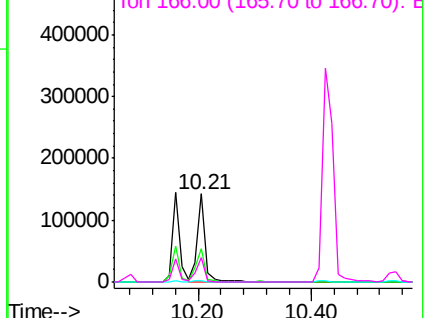
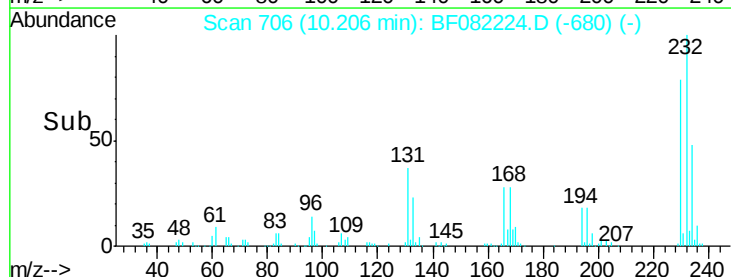


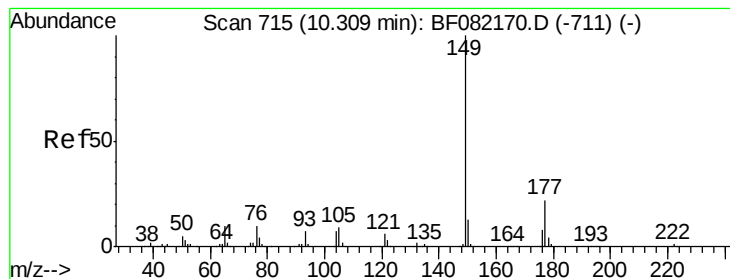
Abundance Ion 232.00 (231.70 to 232.70): E

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: 60.95 ng

RT: 10.31 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MS

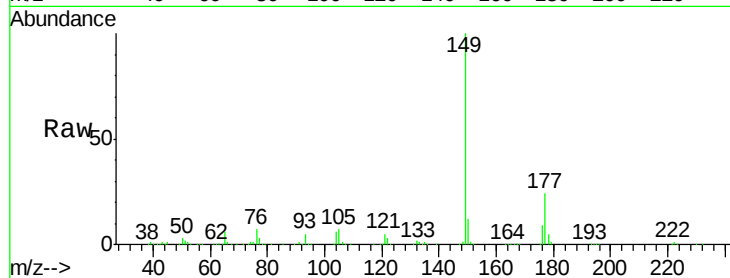
Tot Ion:149 Resp: 525117

Ion Ratio Lower Upper

149 100

177 23.9 17.6 26.4

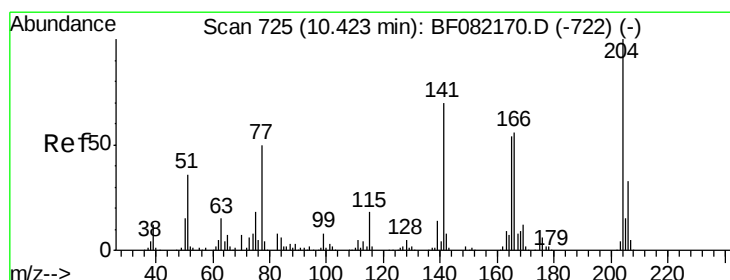
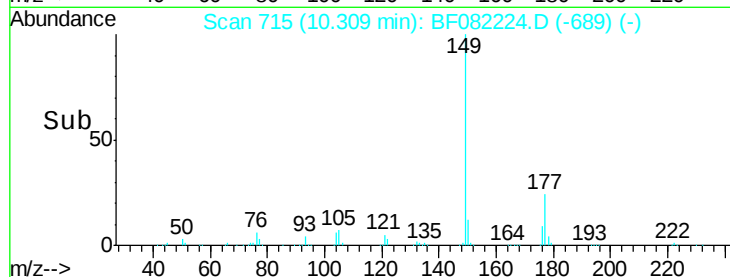
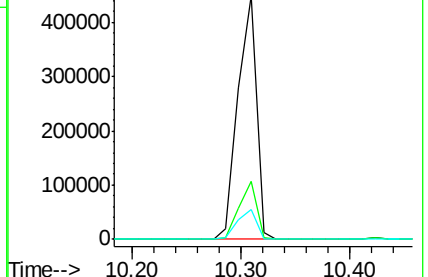
150 12.4 10.3 15.5



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: 58.94 ng

RT: 10.42 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

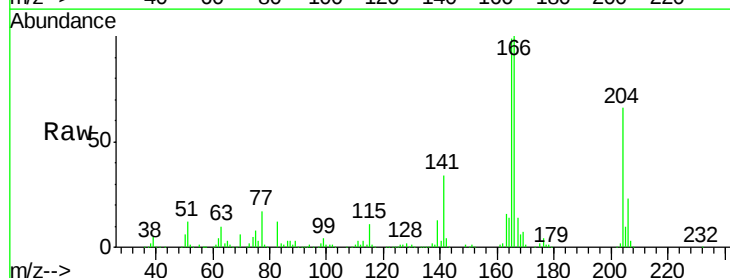
Tgt Ion:204 Resp: 224338

Ion Ratio Lower Upper

204 100

206 35.5 26.8 40.2

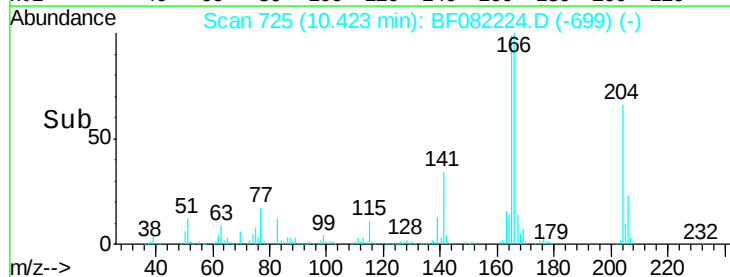
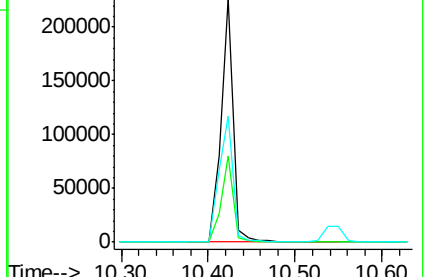
141 51.6 56.1 84.1#



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: 49.65 ng

RT: 10.46 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MS

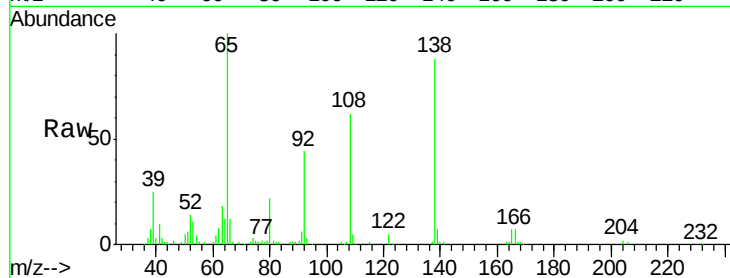
Tot Ion:138 Resp: 106095

Ion Ratio Lower Upper

138 100

92 49.8 26.8 66.8

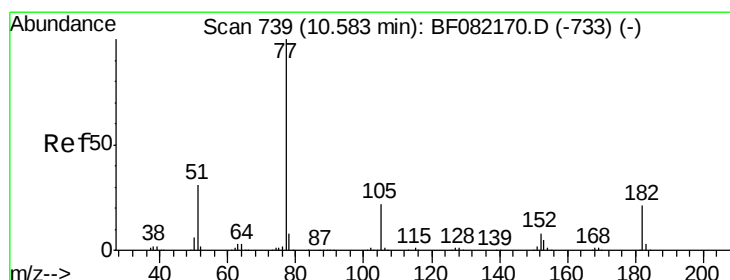
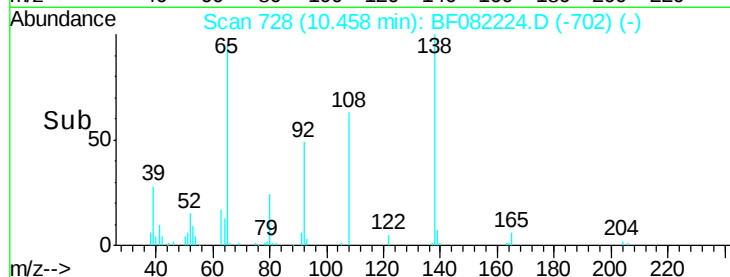
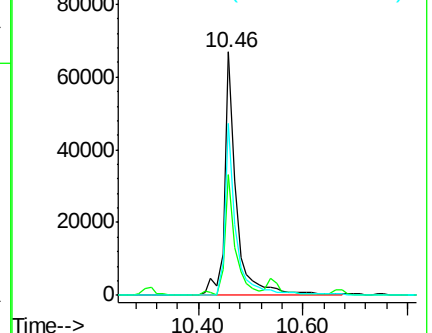
108 70.4 48.4 88.4



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: 59.74 ng

RT: 10.58 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Tgt Ion: 77 Resp: 503764

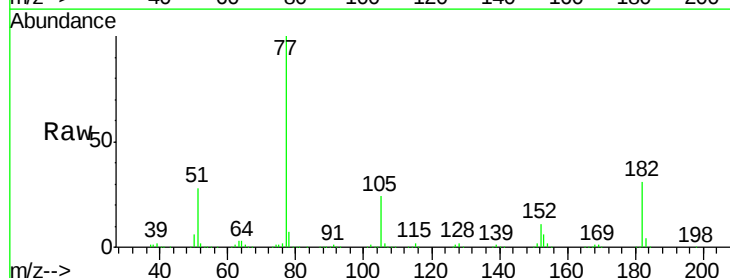
Ion Ratio Lower Upper

77 100

182 31.0 0.5 40.5

105 24.4 1.8 41.8

51 28.0 11.2 51.2

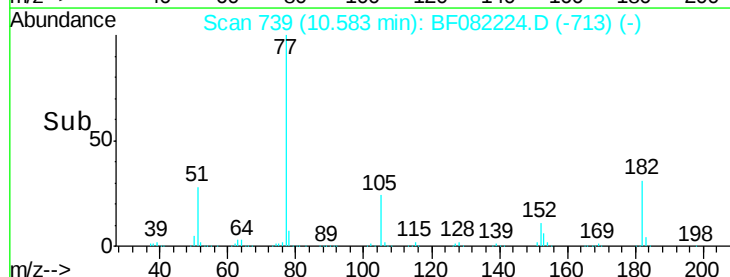
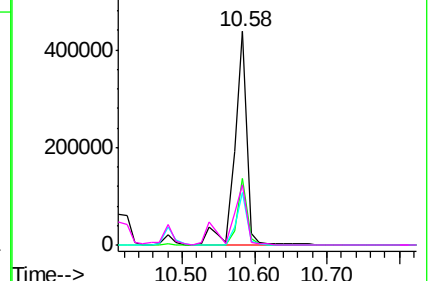


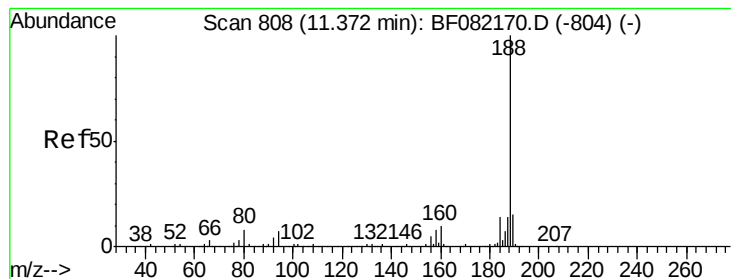
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.36 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MS

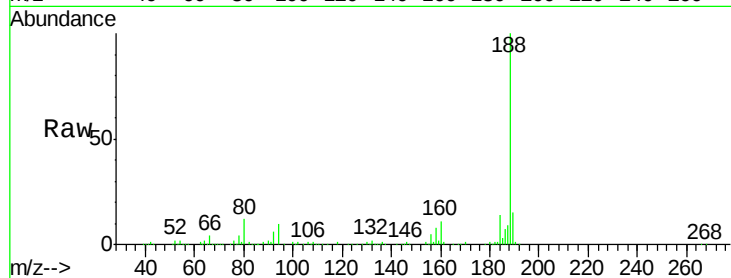
Tot Ion:188 Resp: 258254

Ion Ratio Lower Upper

188 100

94 10.0 5.8 8.6#

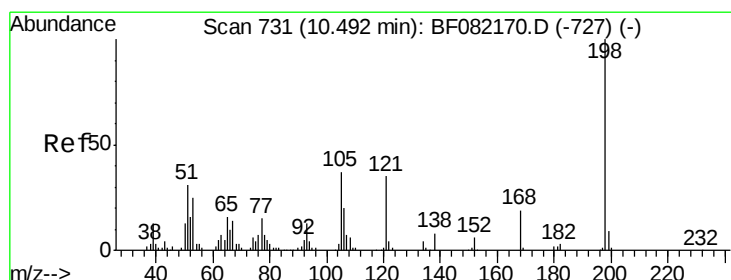
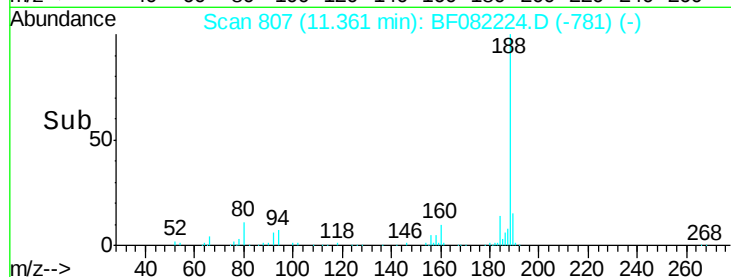
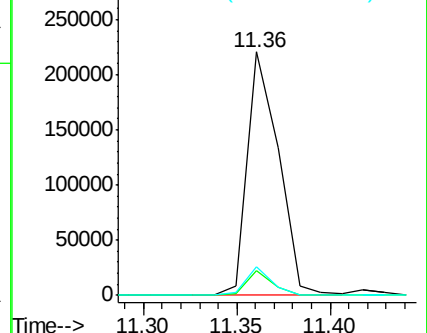
80 11.7 6.4 9.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 54.66 ng

RT: 10.48 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

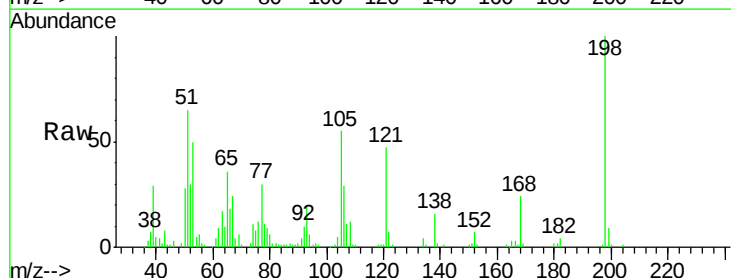
Tgt Ion:198 Resp: 79220

Ion Ratio Lower Upper

198 100

51 65.1 13.6 53.6#

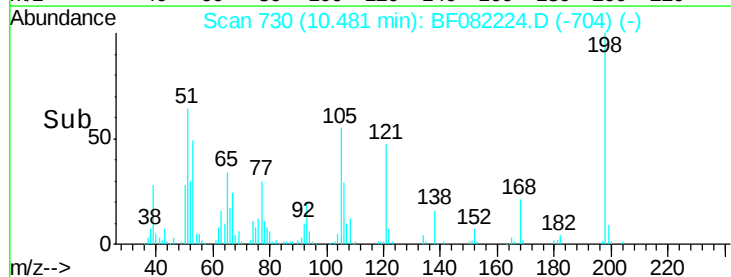
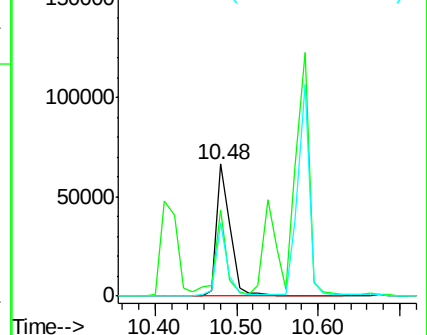
105 55.3 17.1 57.1

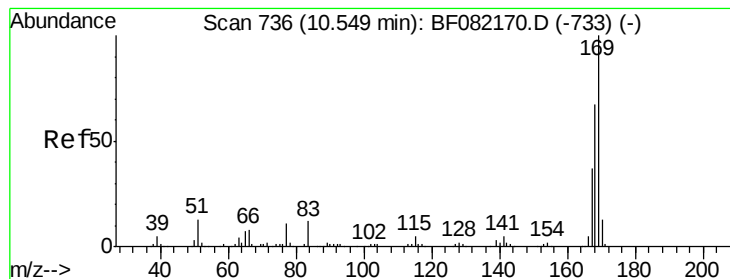


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 54.91 ng

RT: 10.55 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MS

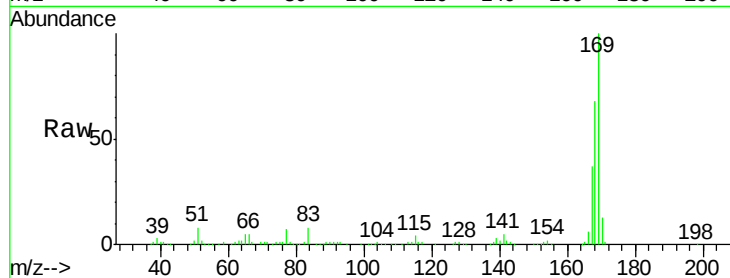
Tot Ion:169 Resp: 424591

Ion Ratio Lower Upper

169 100

168 67.6 54.0 81.0

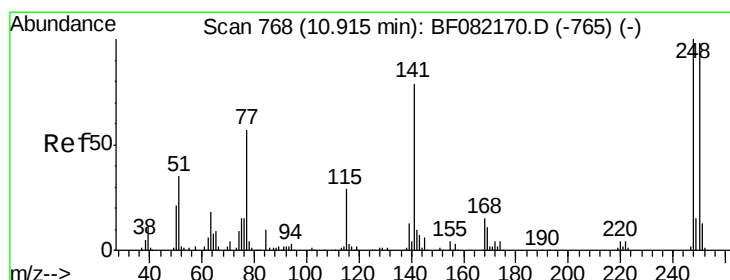
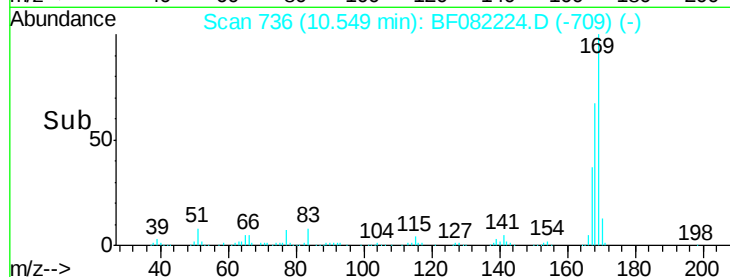
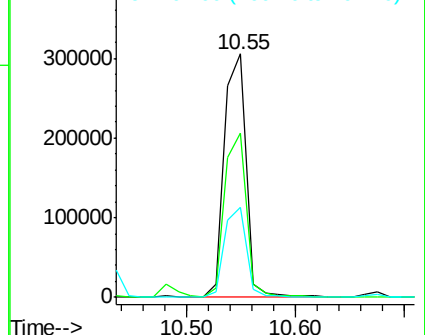
167 37.0 29.6 44.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 56.11 ng

RT: 10.91 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

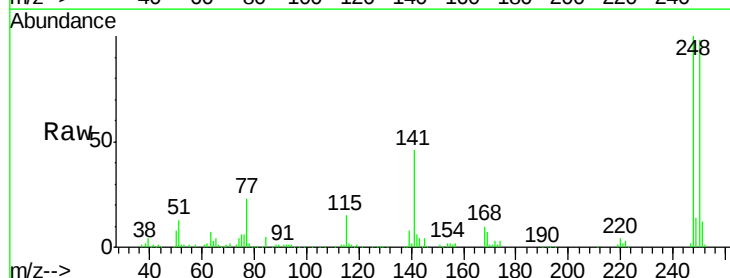
Tgt Ion:248 Resp: 145012

Ion Ratio Lower Upper

248 100

250 98.4 78.6 117.8

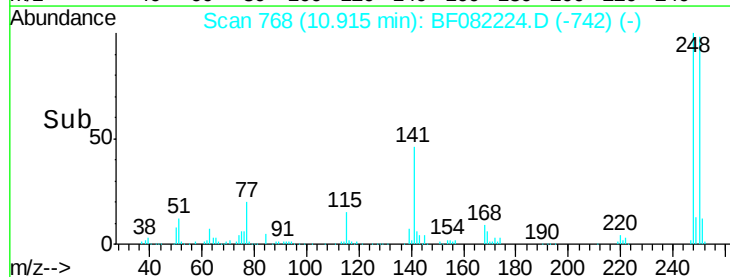
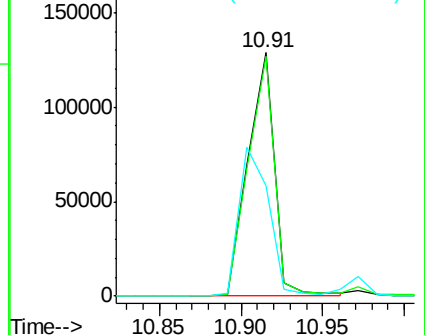
141 45.5 63.3 94.9#

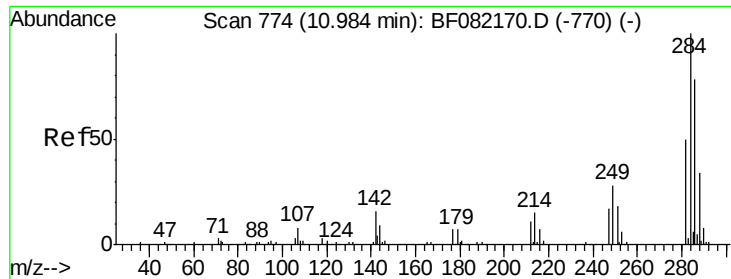


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

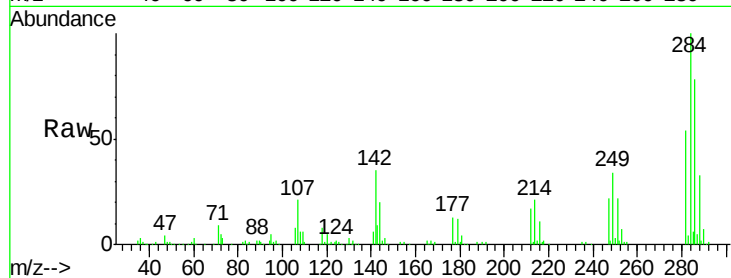




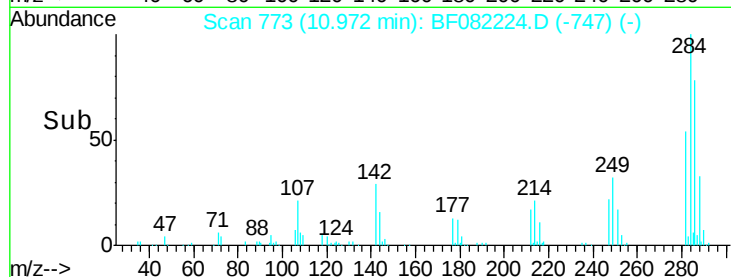
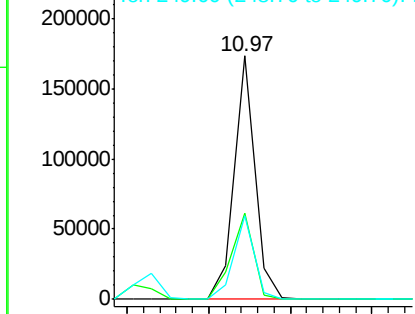
#67
Hexachlorobenzene
Concen: 54.17 ng
RT: 10.97 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)MS

Tot Ion:284 Resp: 151417
Ion Ratio Lower Upper
284 100
142 35.4 13.0 19.6#
249 34.5 22.5 33.7#

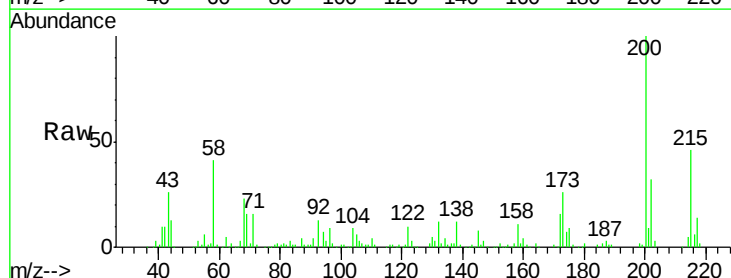


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

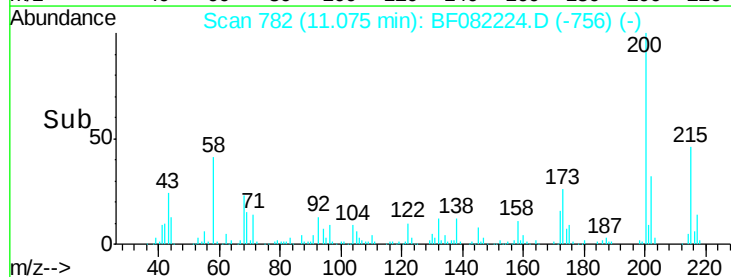
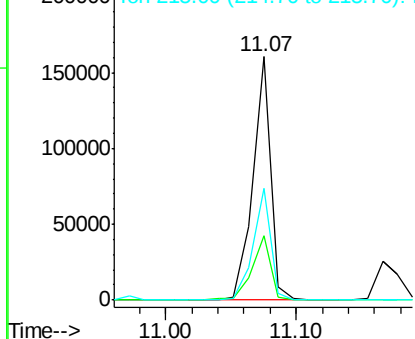


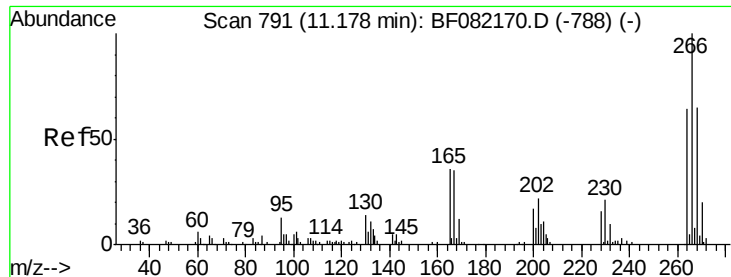
#68
Atrazine
Concen: 61.77 ng
RT: 11.07 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF082224.D
Acq: 12 Oct 2015 17:09

Tgt Ion:200 Resp: 151309
Ion Ratio Lower Upper
200 100
173 26.3 7.3 47.3
215 46.1 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

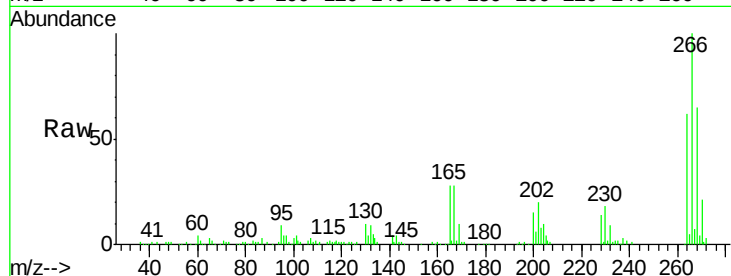




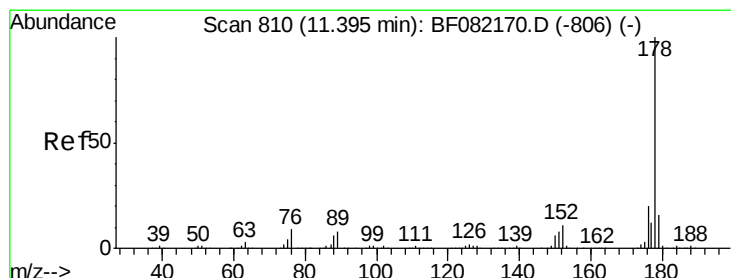
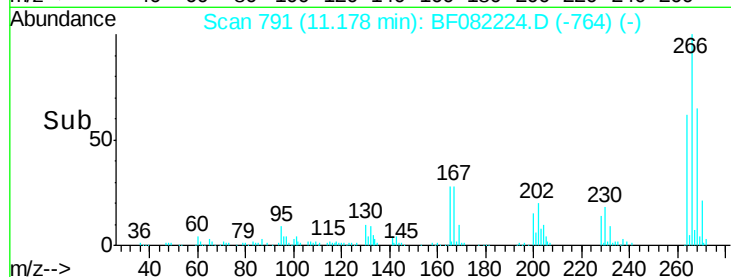
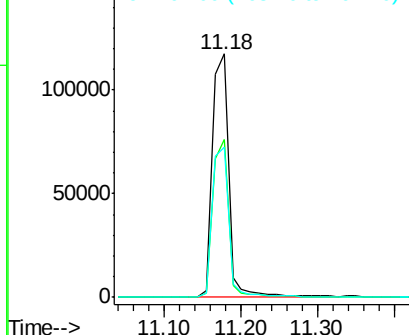
#69
 Pentachlorophenol
 Concen: 121.01 ng
 RT: 11.18 min Scan# 791
 Delta R.T. 0.01 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MS

Tot Ion:266 Resp: 174047
 Ion Ratio Lower Upper
 266 100
 268 64.6 52.0 78.0
 264 61.5 51.4 77.0

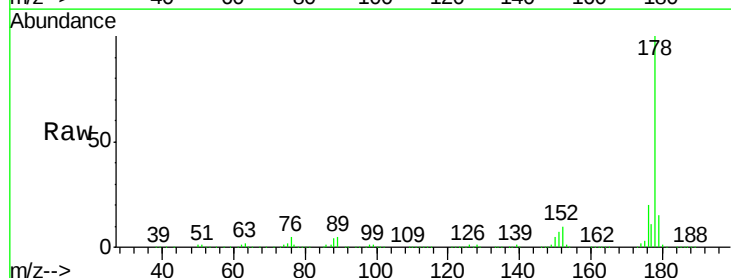


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

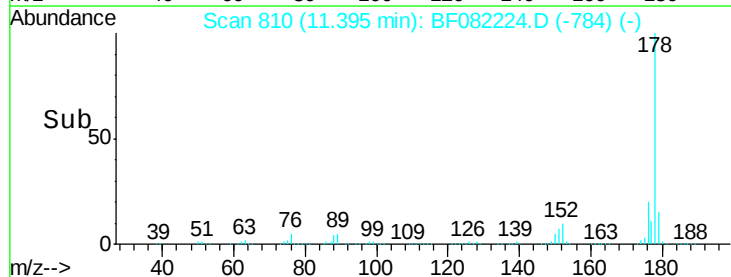
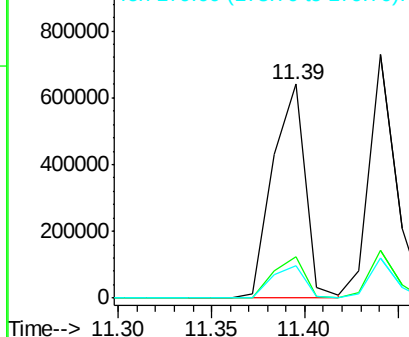


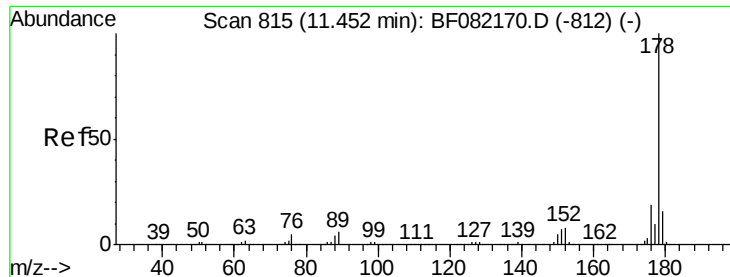
#70
 Phenanthrene
 Concen: 60.92 ng
 RT: 11.39 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

Tgt Ion:178 Resp: 771158
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.0 24.0
 179 15.3 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

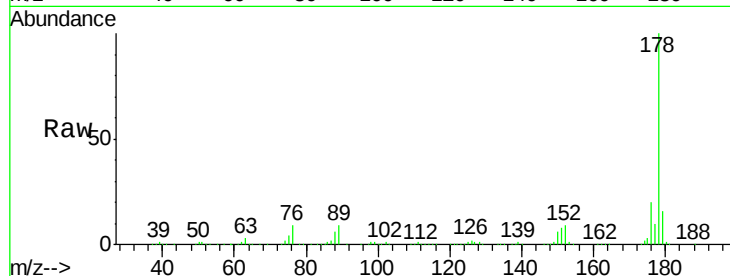




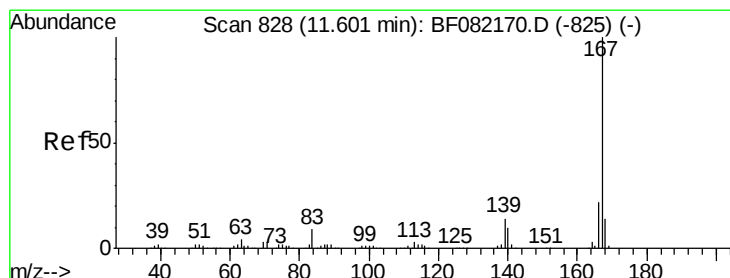
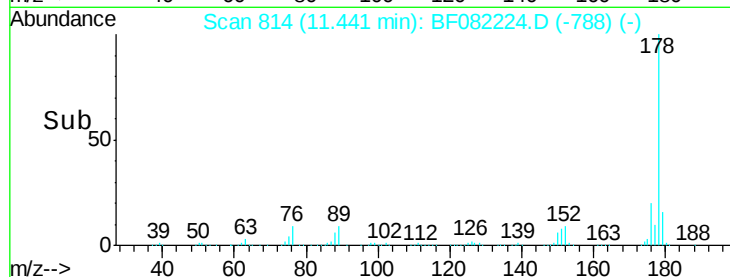
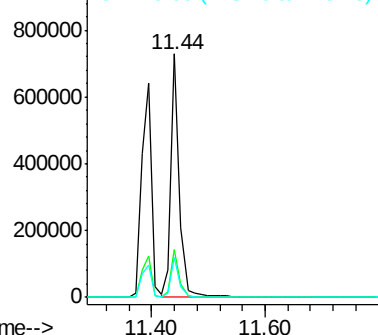
#71
 Anthracene
 Concen: 57.07 ng
 RT: 11.44 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MS

Tot Ion:178 Resp: 744479
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.0
 179 16.2 12.5 18.7

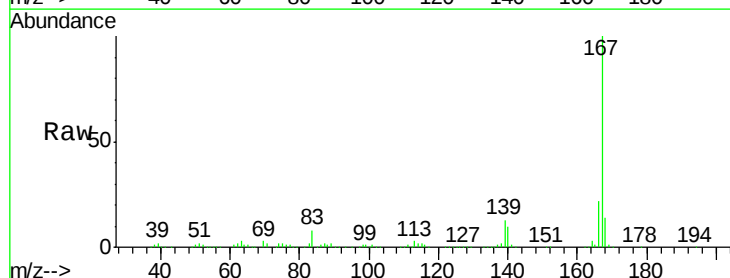


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

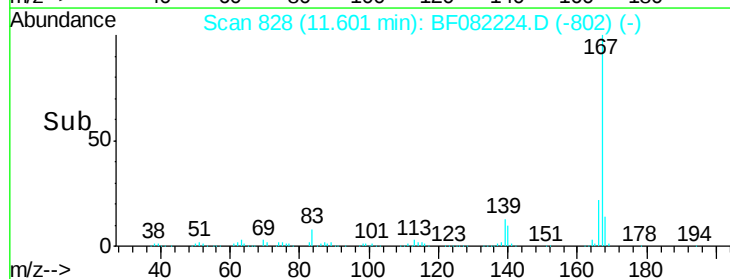
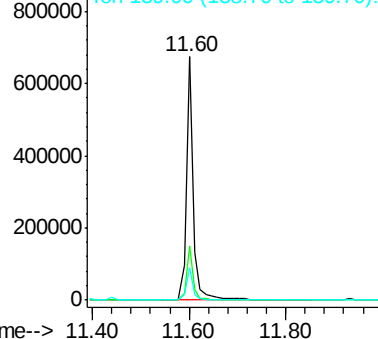


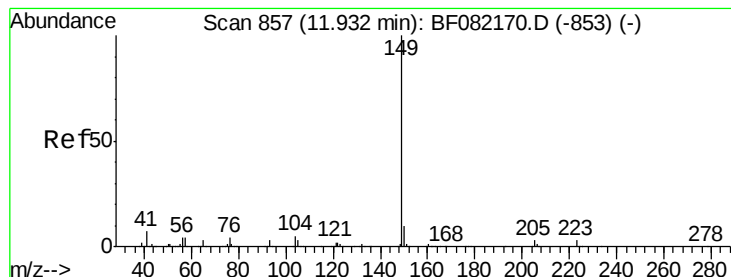
#72
 Carbazole
 Concen: 58.21 ng
 RT: 11.60 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

Tgt Ion:167 Resp: 692732
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.3 25.9
 139 13.4 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: 55.90 ng

RT: 11.93 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MS

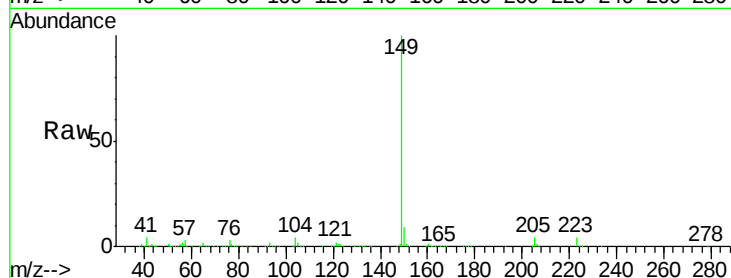
Tot Ion:149 Resp: 820606

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

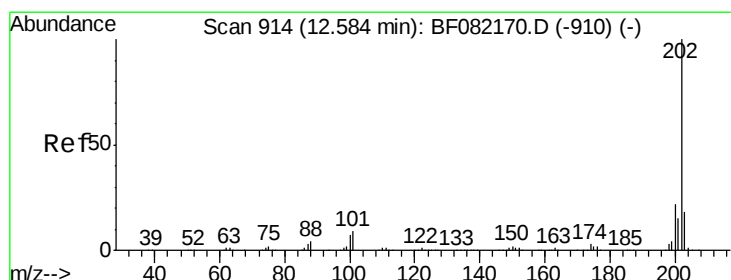
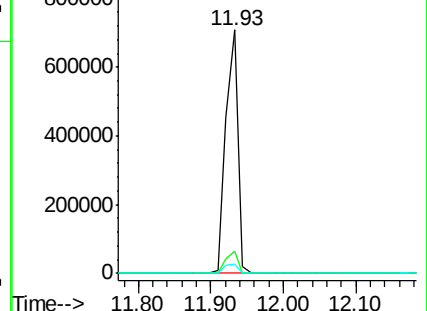
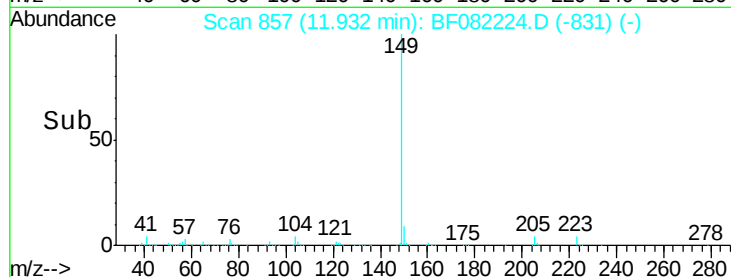
104 3.8 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 60.06 ng

RT: 12.58 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

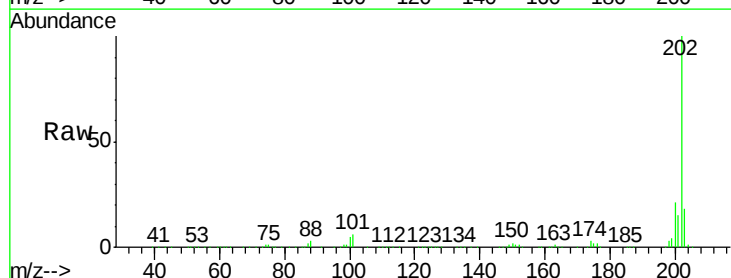
Tgt Ion:202 Resp: 816515

Ion Ratio Lower Upper

202 100

101 6.3 0.0 29.3

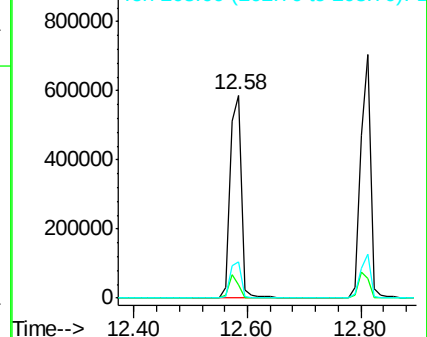
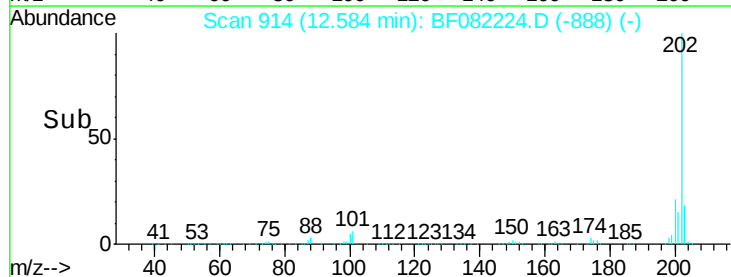
203 17.7 0.0 37.8

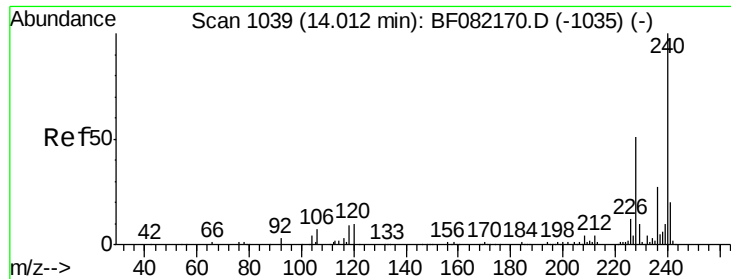


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MS

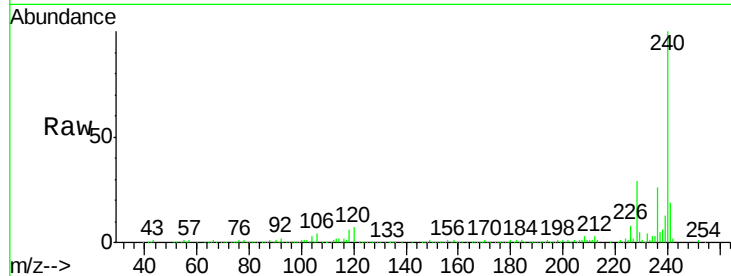
Tot Ion:240 Resp: 250165

Ion Ratio Lower Upper

240 100

120 6.7 8.1 12.1#

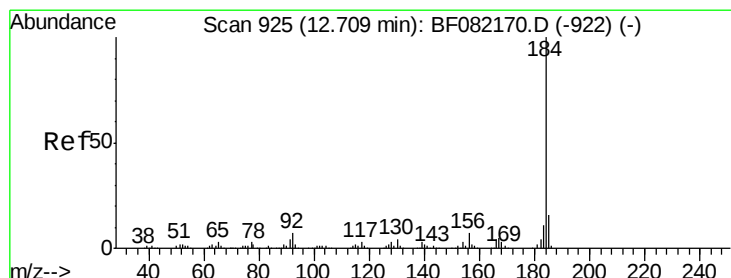
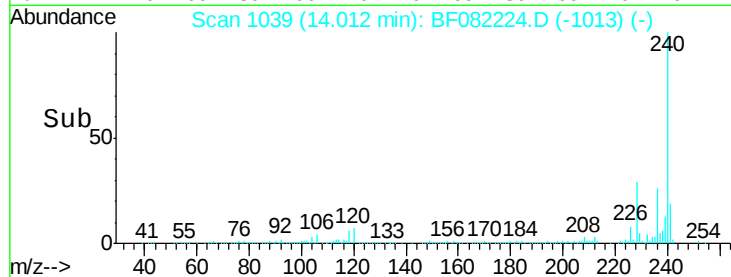
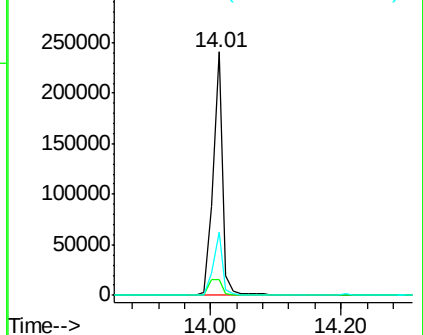
236 25.8 21.3 31.9



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: 8.43 ng

RT: 12.71 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

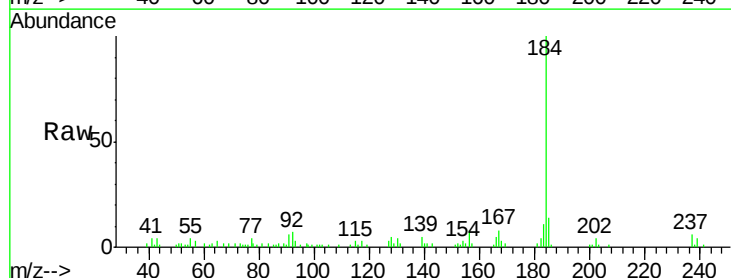
Tgt Ion:184 Resp: 61132

Ion Ratio Lower Upper

184 100

185 14.5 12.5 18.7

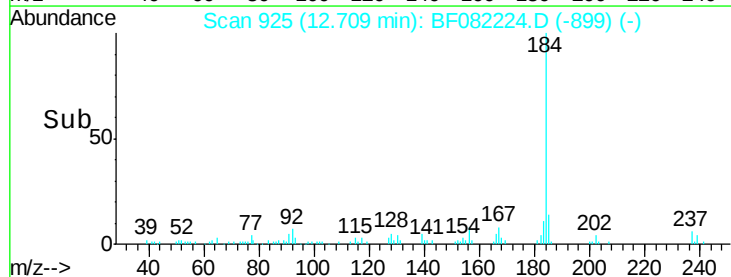
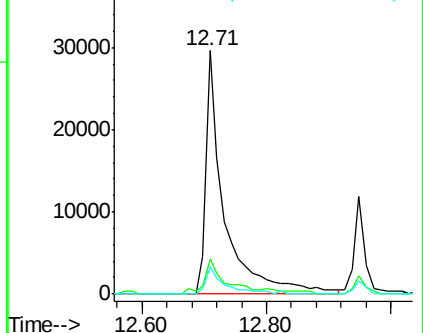
183 11.5 9.1 13.7

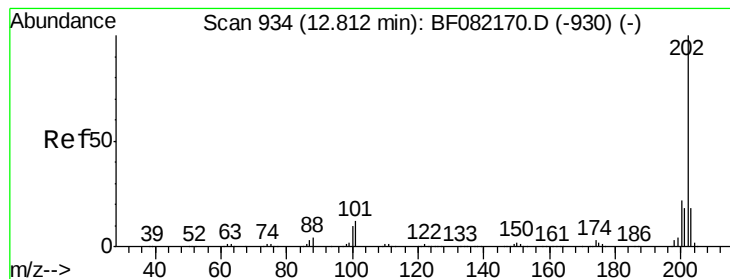


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 57.78 ng

RT: 12.81 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MS

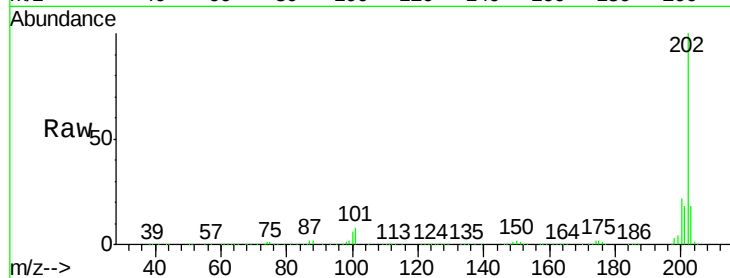
Tot Ion:202 Resp: 857754

Ion Ratio Lower Upper

202 100

200 21.9 17.9 26.9

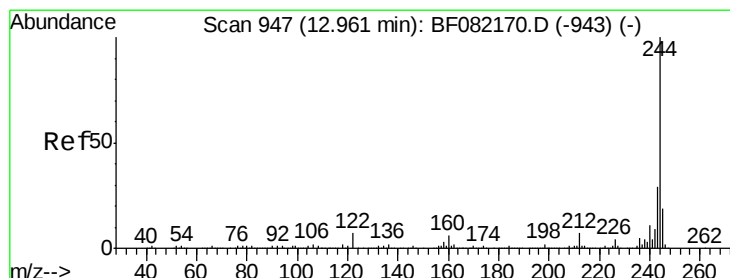
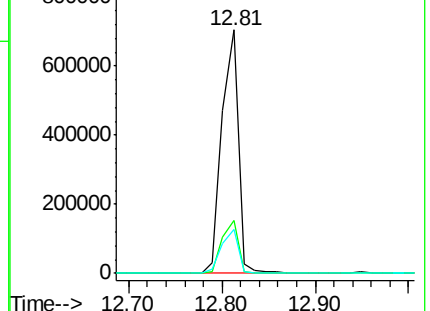
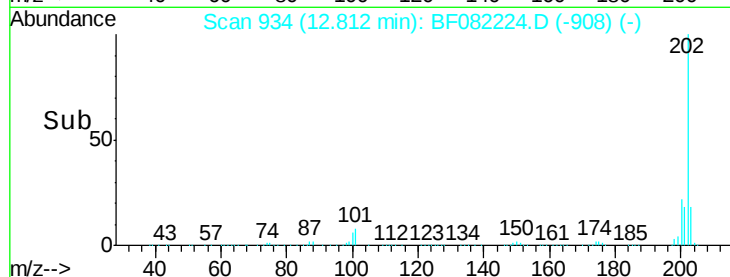
203 17.8 14.5 21.7



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: 97.88 ng

RT: 12.95 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

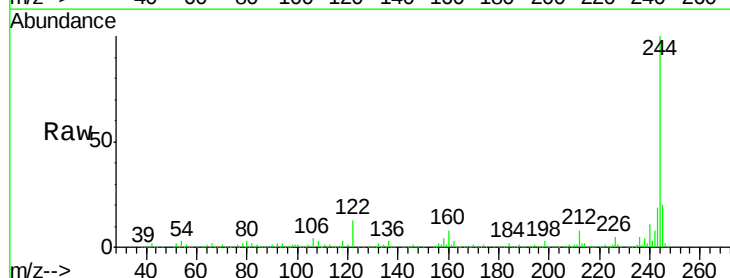
Tgt Ion:244 Resp: 923996

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.6

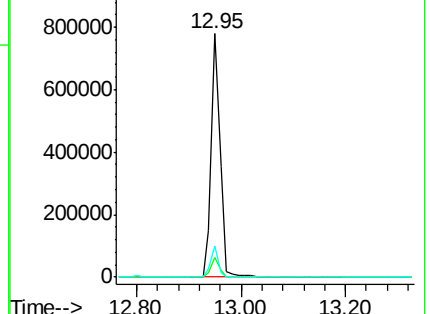
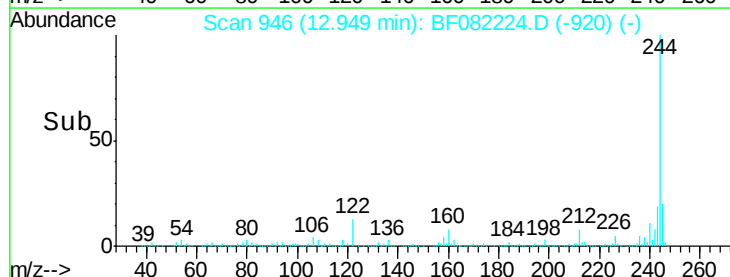
122 12.7 5.9 8.9#

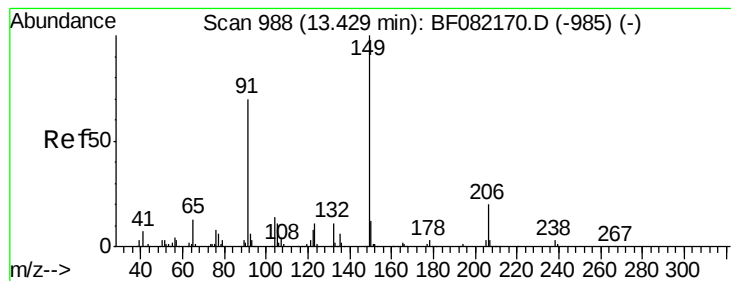


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 55.63 ng

RT: 13.43 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MS

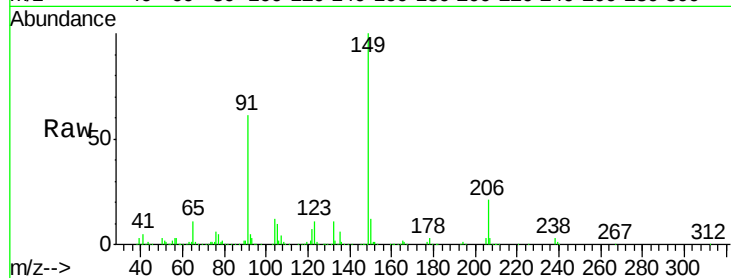
Tot Ion:149 Resp: 376890

Ion Ratio Lower Upper

149 100

91 61.0 55.7 83.5

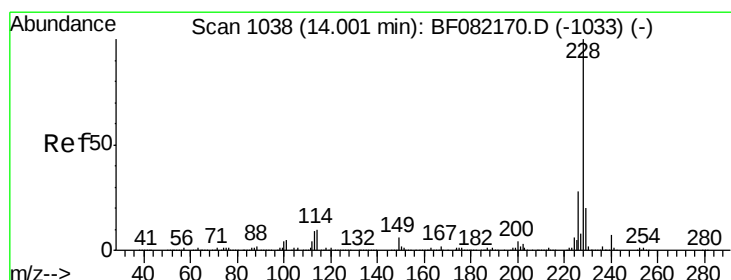
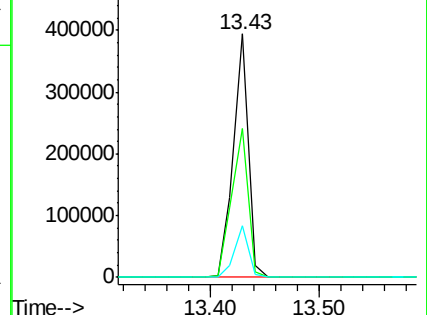
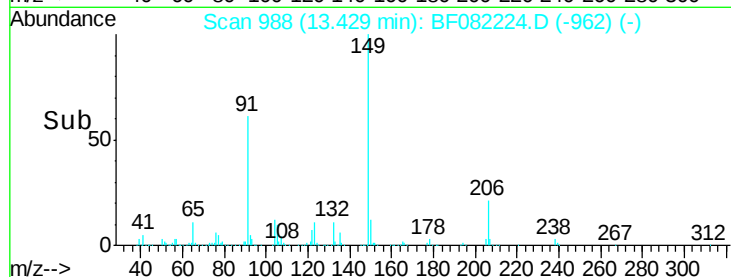
206 21.4 15.6 23.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 55.07 ng

RT: 14.00 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

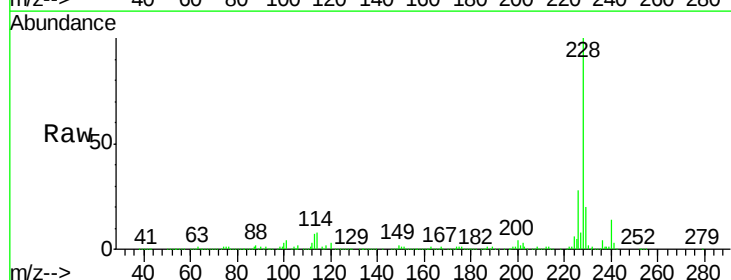
Tgt Ion:228 Resp: 716823

Ion Ratio Lower Upper

228 100

226 27.9 22.3 33.5

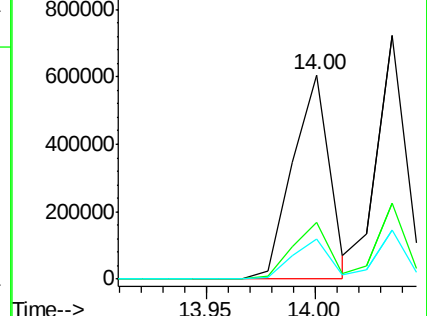
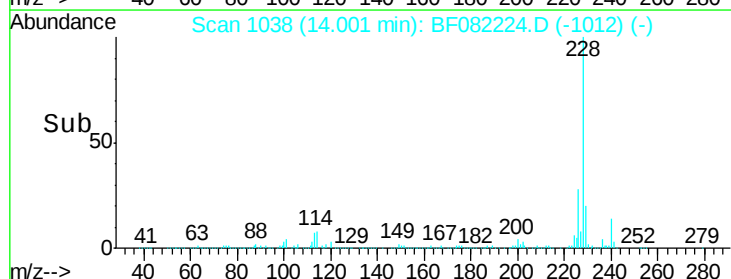
229 19.6 16.2 24.2

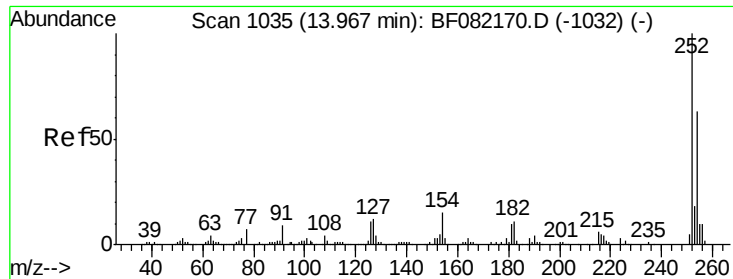


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

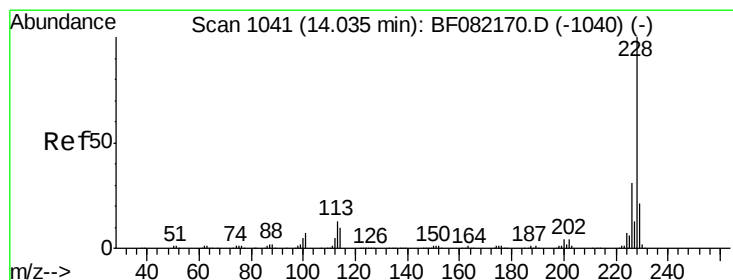
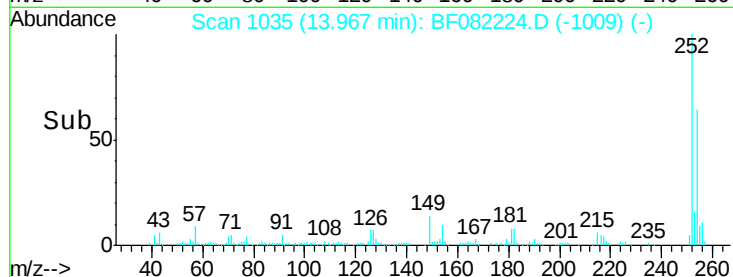
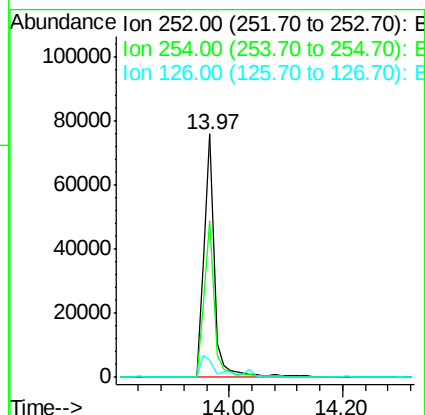
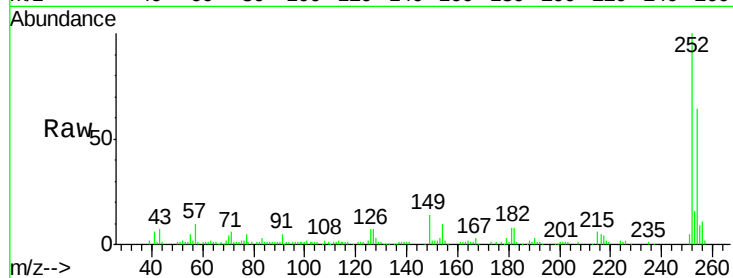




#81
 3,3'-Dichlorobenzidine
 Concen: 19.19 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

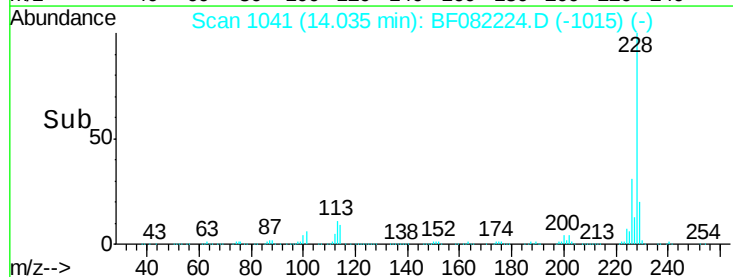
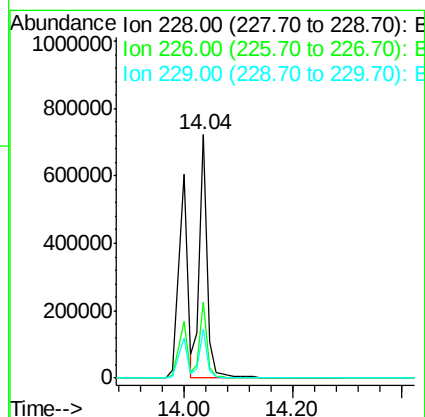
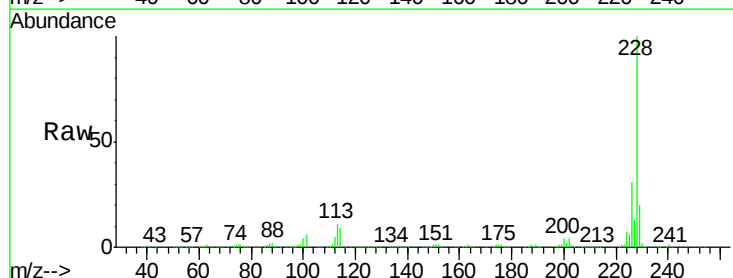
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MS

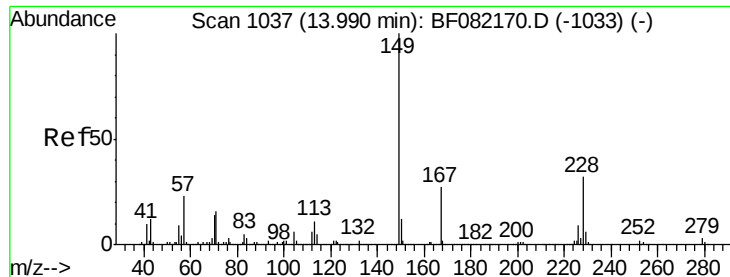
Tot Ion:252 Resp: 94807
 Ion Ratio Lower Upper
 252 100
 254 64.3 50.7 76.1
 126 7.1 9.0 13.6#



#82
 Chrysene
 Concen: 51.51 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

Tgt Ion:228 Resp: 706475
 Ion Ratio Lower Upper
 228 100
 226 31.4 24.4 36.6
 229 20.3 16.3 24.5

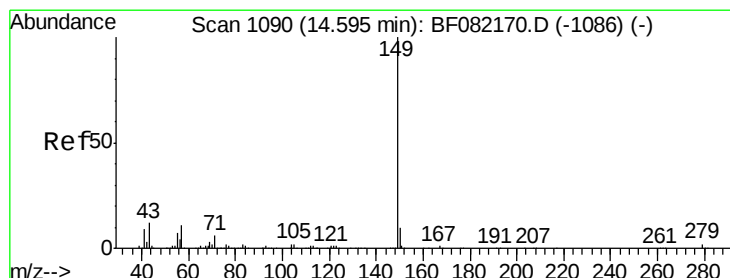
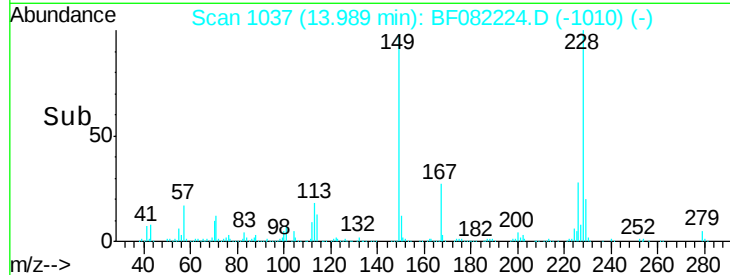
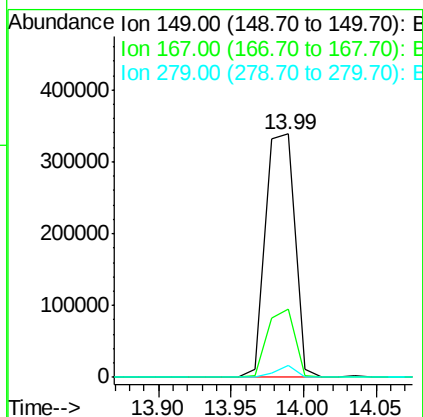
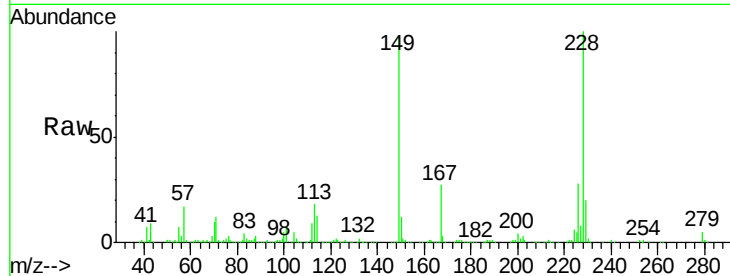




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.41 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

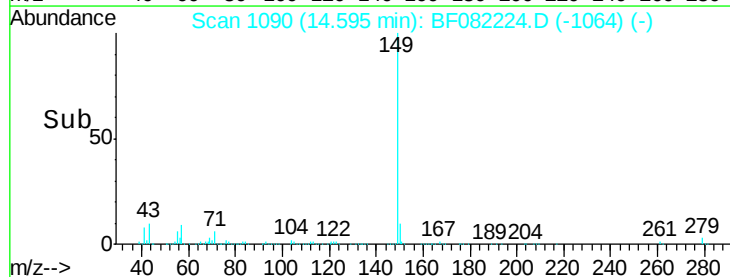
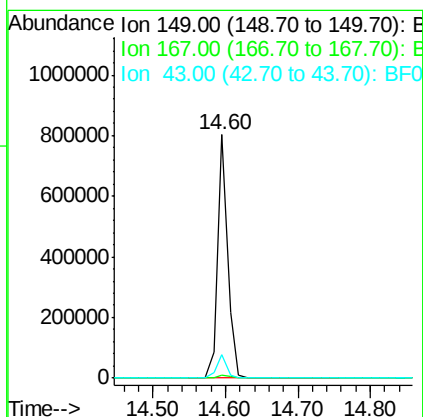
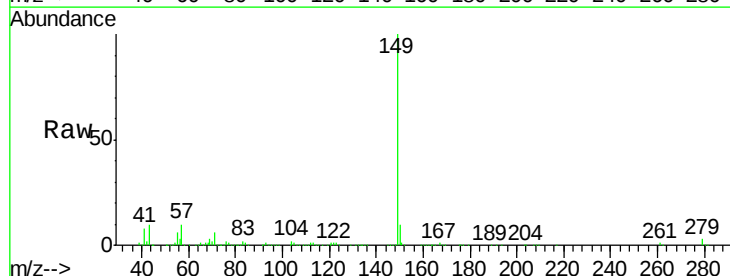
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MS

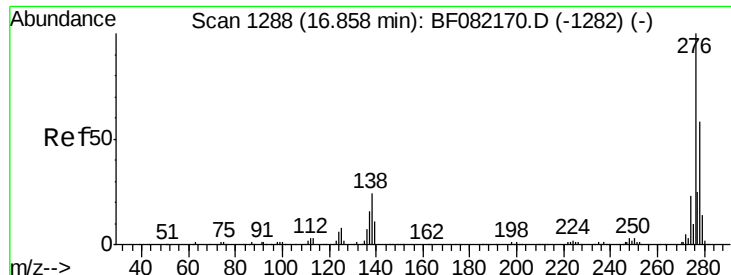
Tot Ion:149 Resp: 477632
 Ion Ratio Lower Upper
 149 100
 167 28.0 21.3 31.9
 279 4.8 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 46.57 ng
 RT: 14.60 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

Tgt Ion:149 Resp: 773002
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 9.4 7.4 11.2

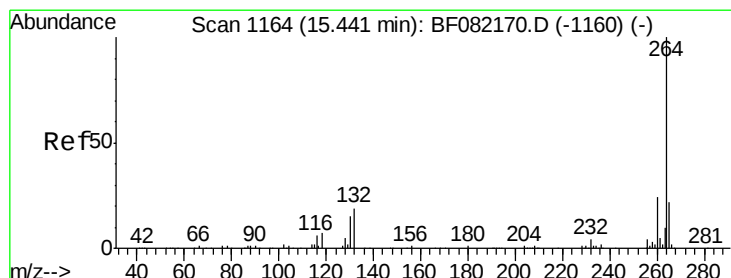
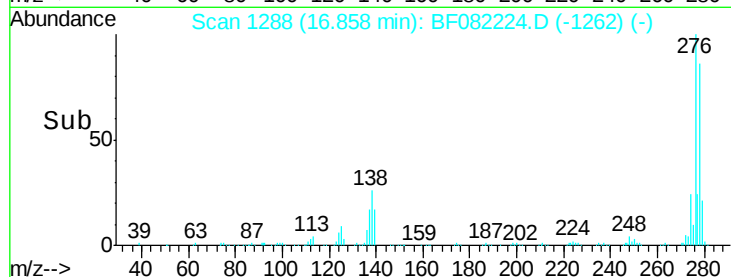
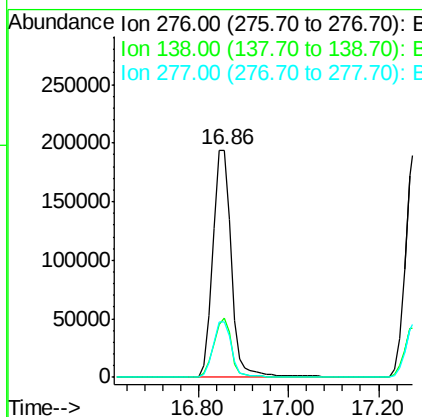
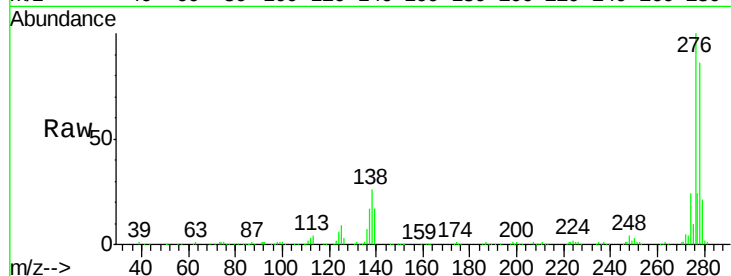




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.70 ng
 RT: 16.86 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

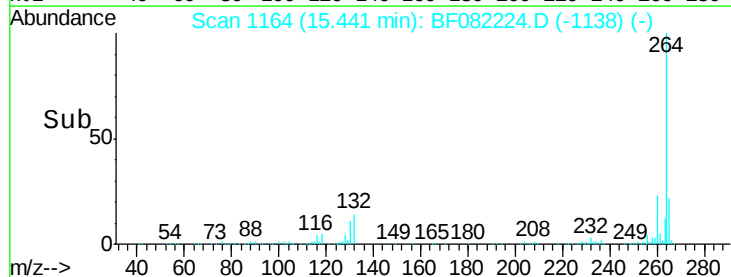
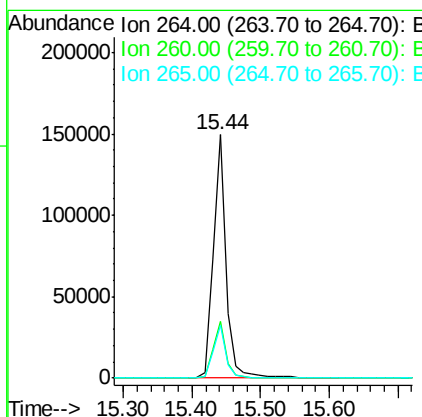
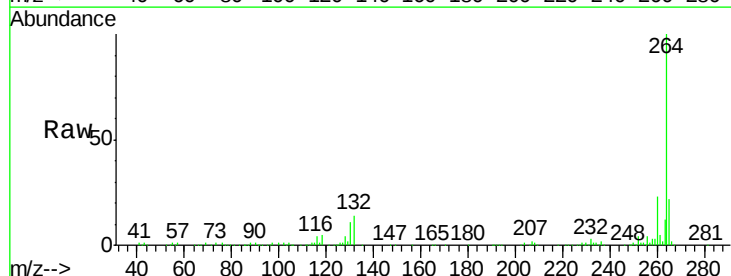
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MS

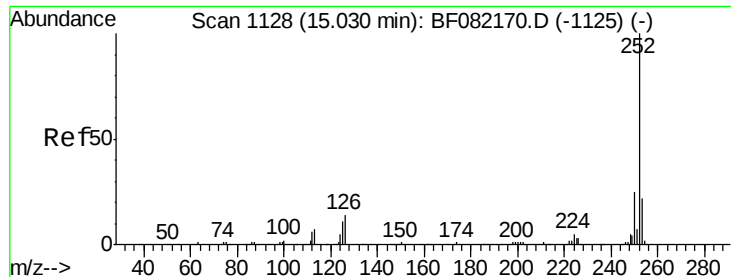
Tot Ion:276 Resp: 563542
 Ion Ratio Lower Upper
 276 100
 138 25.0 19.7 29.5
 277 24.5 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

Tgt Ion:264 Resp: 196145
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 21.8 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 105.00 ng

RT: 15.06 min Scan# 1131

Delta R.T. 0.03 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MS

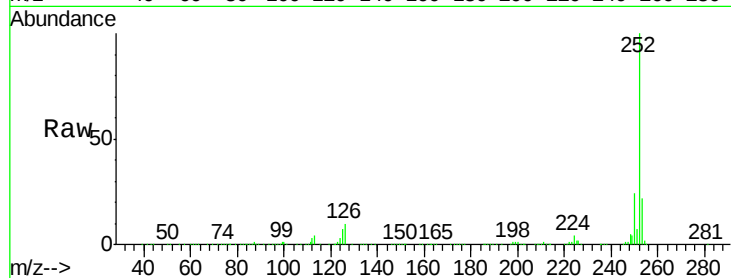
Tot Ion:252 Resp: 1253027

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

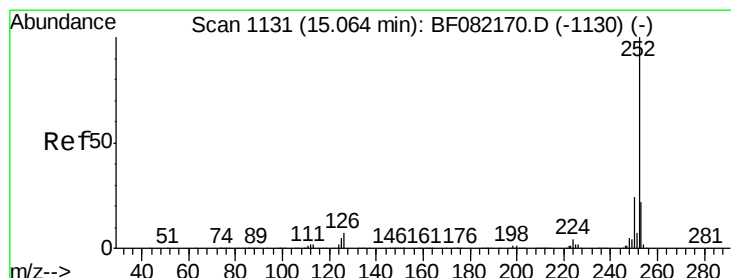
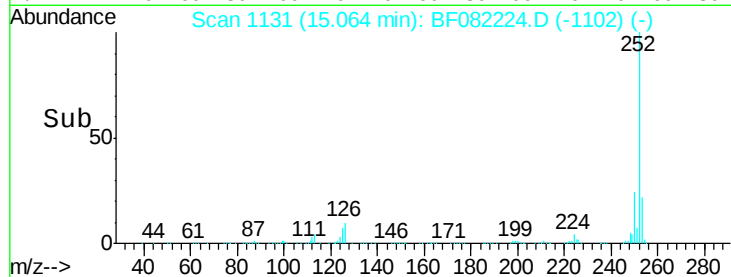
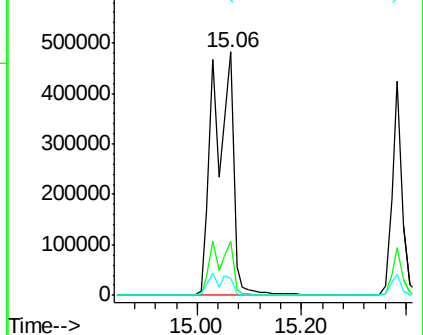
125 7.0 8.6 12.8#



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: 125.12 ng

RT: 15.06 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

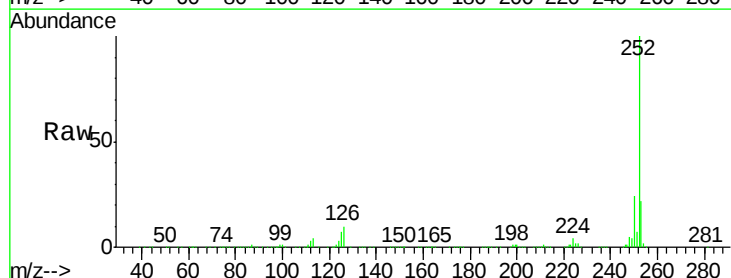
Tgt Ion:252 Resp: 1255007

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

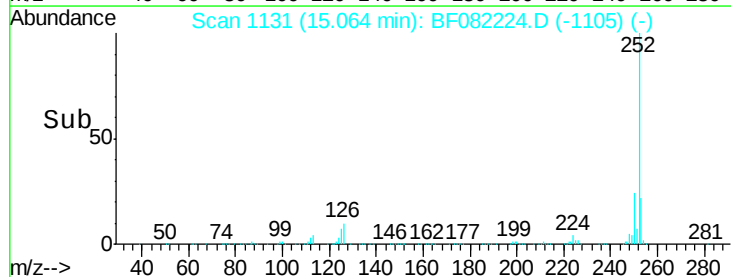
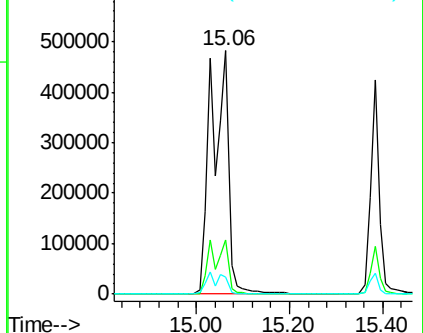
125 7.0 6.7 10.1

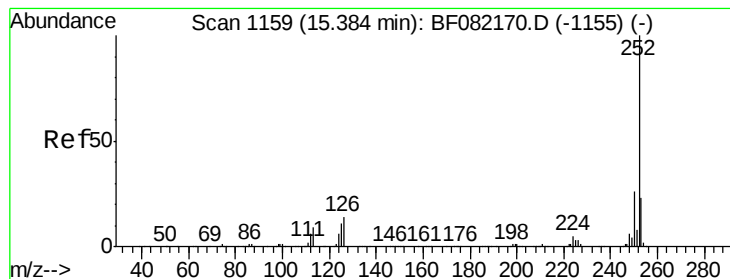


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 55.48 ng

RT: 15.38 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)MS

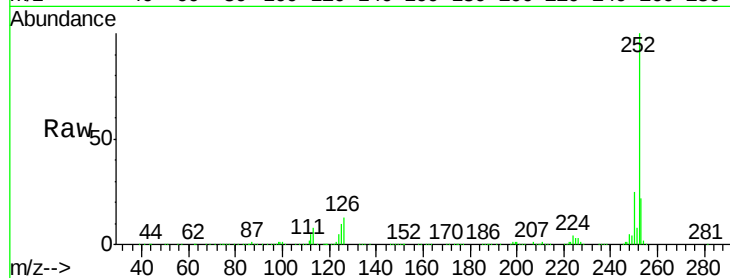
Tot Ion:252 Resp: 568955

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

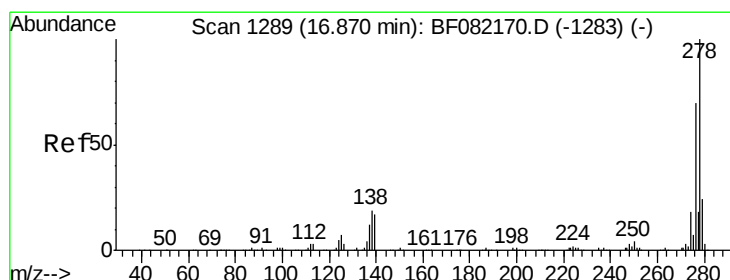
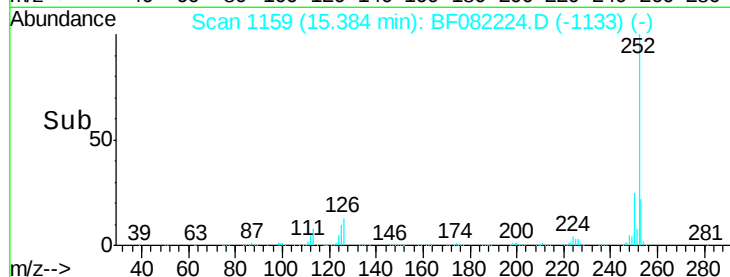
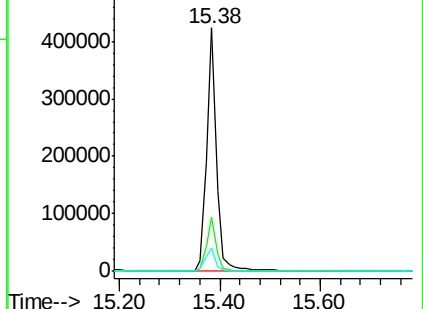
125 9.9 8.9 13.3



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: 55.36 ng

RT: 16.87 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BF082224.D

Acq: 12 Oct 2015 17:09

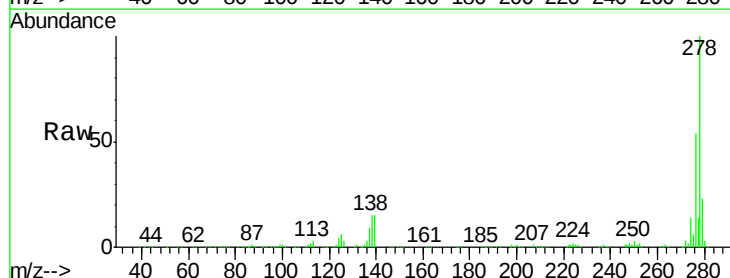
Tgt Ion:278 Resp: 465246

Ion Ratio Lower Upper

278 100

139 14.9 13.3 19.9

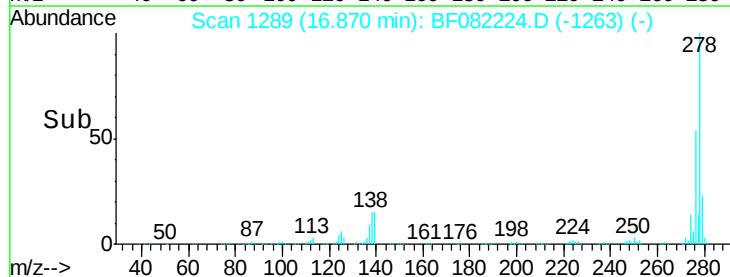
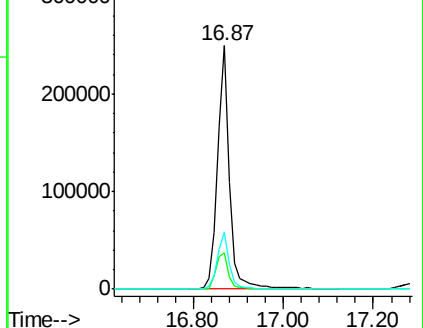
279 23.3 18.9 28.3

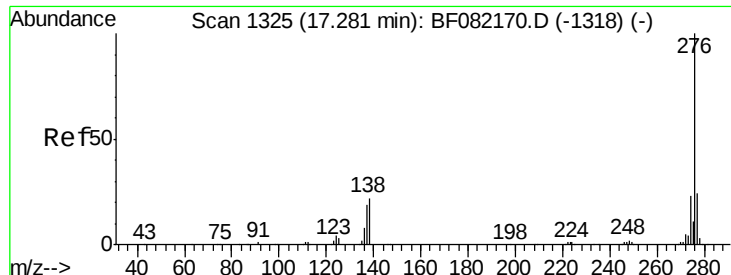


Abundance Ion 278.00 (277.70 to 278.70): E

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: 57.89 ng
 RT: 17.28 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF082224.D
 Acq: 12 Oct 2015 17:09

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	20.8	17.4	26.2

