

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101215\
 Data File : BF082221.D
 Acq On : 12 Oct 2015 15:31
 Operator : UM/IZ
 Sample : PB86065BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

Quant Time: Oct 13 02:06:58 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	6.98	152	232297	20.00	ng	0.15
21) Naphthalene-d8	8.13	136	368938	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	188712	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	384518	20.00	ng	0.00
75) Chrysene-d12	14.01	240	380248	20.00	ng	0.00
86) Perylene-d12	15.44	264	315868	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	450171	39.11	ng	0.01
7) Phenol-d6	6.47	99	589694	39.37	ng	0.00
23) Nitrobenzene-d5	7.41	82	386534	70.36	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	196345	110.94	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	770891	67.74	ng	0.00
78) Terphenyl-d14	12.95	244	857996	59.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	57825	10.00	ng	# 89
3) Pyridine	3.18	79	163944	12.19	ng	95
4) n-Nitrosodimethylamine	3.13	42	64636	11.33	ng	# 96
6) Aniline	6.57	93	179194	9.28	ng	# 55
8) 2-Chlorophenol	6.62	128	185795	13.22	ng	92
9) Benzaldehyde	6.38	77	91874	12.01	ng	98
10) Phenol	6.48	94	192354	11.14	ng	97
11) bis(2-Chloroethyl)ether	6.57	93	179194	12.27	ng	95
12) 1,3-Dichlorobenzene	6.85	146	202251	12.36	ng	97
13) 1,4-Dichlorobenzene	7.01	146	194772	11.40	ng	98
14) 1,2-Dichlorobenzene	7.01	146	194772	12.00	ng	# 92
15) Benzyl Alcohol	6.98	79	144859	14.01	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.11	45	255128	12.55	ng	97
17) 2-Methylphenol	7.10	107	147431	13.27	ng	96
18) Hexachloroethane	7.34	117	66195	11.32	ng	91
19) n-Nitroso-di-n-propylamine	7.41	70	50018	4.76	ng	# 79
20) 3+4-Methylphenols	7.25	107	172819	13.05	ng	93
22) Acetophenone	7.25	105	234624	32.15	ng	98
24) Nitrobenzene	7.42	77	166042	27.92	ng	99
25) Isophorone	7.66	82	332227	29.96	ng	100
26) 2-Nitrophenol	7.74	139	99203	33.41	ng	95
27) 2,4-Dimethylphenol	7.78	122	159605	33.36	ng	92
28) bis(2-Chloroethoxy)methane	7.87	93	218193	33.82	ng	98
29) 2,4-Dichlorophenol	7.98	162	158578	33.16	ng	95
30) 1,2,4-Trichlorobenzene	8.06	180	165034	29.94	ng	98
31) Naphthalene	8.14	128	481841	30.13	ng	100
32) Benzoic acid	7.90	122	80861	25.18	ng	97
33) 4-Chloroaniline	8.19	127	72767	10.96	ng	99
34) Hexachlorobutadiene	8.25	225	97421	28.36	ng	98
35) Caprolactam	8.56	113	31634	22.79	ng	# 66
36) 4-Chloro-3-methylphenol	8.69	107	169305	36.20	ng	92
37) 2-Methylnaphthalene	8.83	142	367210	33.12	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	169533	30.20	ng	98
40) Hexachlorocyclopentadiene	8.98	237	145987	54.37	ng	98

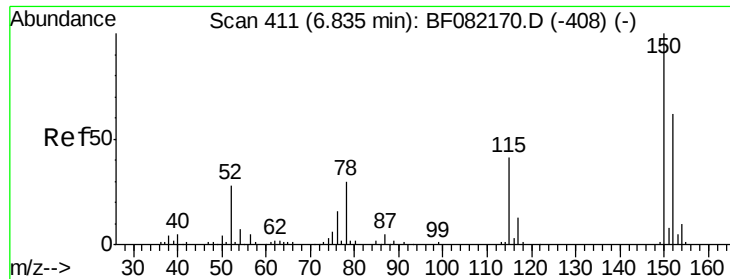
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101215\
 Data File : BF082221.D
 Acq On : 12 Oct 2015 15:31
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	116301	31.20	nq	99
43) 2,4,5-Trichlorophenol	9.15	196	128191	31.74	nq #	92
45) 1,1'-Biphenyl	9.30	154	461078	32.04	nq	96
46) 2-Chloronaphthalene	9.33	162	353933	31.24	nq	97
47) 2-Nitroaniline	9.43	65	107189	34.47	nq #	79
48) Acenaphthylene	9.74	152	542766	30.76	nq	99
49) Dimethylphthalate	9.60	163	415961	31.30	nq	99
50) 2,6-Dinitrotoluene	9.67	165	89492	31.92	nq #	82
51) Acenaphthene	9.91	154	364880	34.44	nq	99
52) 3-Nitroaniline	9.84	138	52570	16.60	nq	98
53) 2,4-Dinitrophenol	9.95	184	85090	56.36	nq #	83
54) Dibenzofuran	10.08	168	467850	32.17	nq	96
55) 4-Nitrophenol	10.01	139	144398	69.61	nq	99
56) 2,4-Dinitrotoluene	10.08	165	123022	35.10	nq	88
57) Fluorene	10.42	166	379710	31.79	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	115037	34.86	nq	92
59) Diethylphthalate	10.31	149	416448	33.62	nq	96
60) 4-Chlorophenyl-phenylether	10.42	204	189878	34.70	nq #	83
61) 4-Nitroaniline	10.46	138	102799	33.46	nq	98
62) Azobenzene	10.58	77	409056	33.74	nq	87
64) 4,6-Dinitro-2-methylphenol	10.48	198	63511	29.43	nq	76
65) n-Nitrosodiphenylamine	10.54	169	345624	30.02	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	116425	30.25	nq #	81
67) Hexachlorobenzene	10.97	284	130388	31.33	nq #	82
68) Atrazine	11.07	200	128459	35.22	nq	96
69) Pentachlorophenol	11.17	266	133933	62.54	nq	98
70) Phenanthrene	11.40	178	615904	32.68	nq	99
71) Anthracene	11.44	178	641918	33.05	nq	99
72) Carbazole	11.60	167	597601	33.73	nq	99
73) Di-n-butylphthalate	11.93	149	681820	31.20	nq #	97
74) Fluoranthene	12.57	202	652944	32.26	nq	96
76) Benzidine	12.71	184	353618	32.09	nq	98
77) Pyrene	12.80	202	682470	30.24	nq	99
79) Butylbenzylphthalate	13.43	149	315452	30.63	nq #	84
80) Benzo(a)anthracene	14.00	228	620227	31.35	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	124258	16.55	nq #	97
82) Chrysene	14.04	228	634954	30.46	nq	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	409331	27.86	nq #	97
84) Di-n-octyl phthalate	14.60	149	675446	26.77	nq	99
85) Indeno(1,2,3-cd)pyrene	16.85	276	472520	28.52	nq	99
87) Benzo(b)fluoranthene	15.03	252	1123775	58.48	nq #	97
88) Benzo(k)fluoranthene	15.03	252	1124796	69.64	nq	99
89) Benzo(a)pyrene	15.38	252	517599	31.34	nq	97
90) Dibenzo(a,h)anthracene	16.87	278	388017	28.67	nq #	96
91) Benzo(g,h,i)perylene	17.27	276	384723	29.26	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.98 min Scan# 424

Delta R.T. 0.15 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86065BS

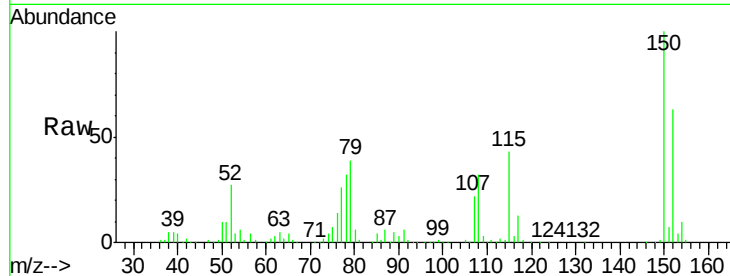
Tot Ion:152 Resp: 232297

Ion Ratio Lower Upper

152 100

150 159.3 129.0 193.4

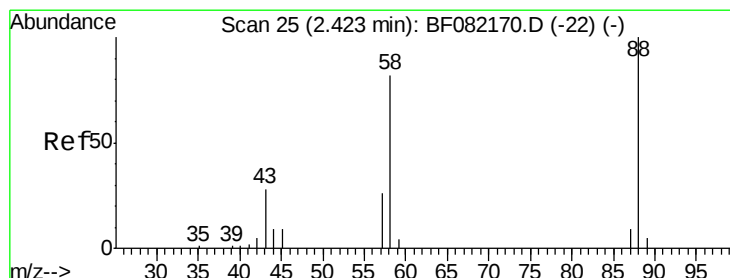
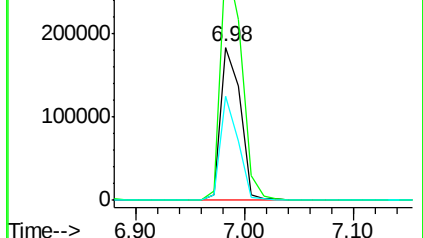
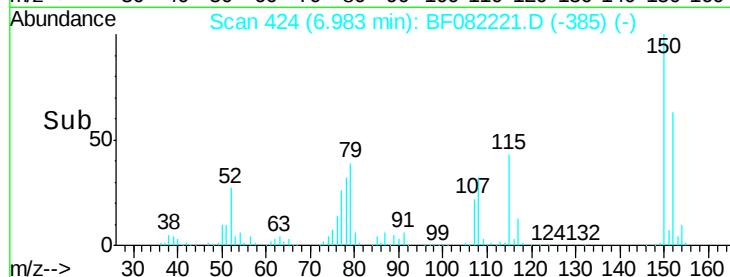
115 67.8 52.1 78.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 10.00 ng

RT: 2.46 min Scan# 28

Delta R.T. 0.08 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

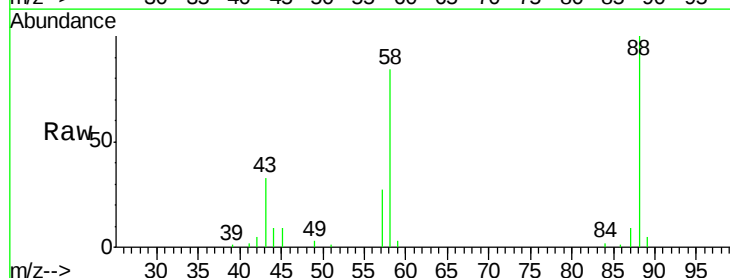
Tgt Ion: 88 Resp: 57825

Ion Ratio Lower Upper

88 100

58 92.7 66.2 99.4

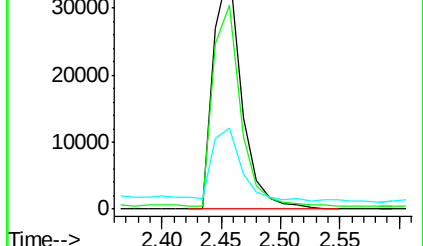
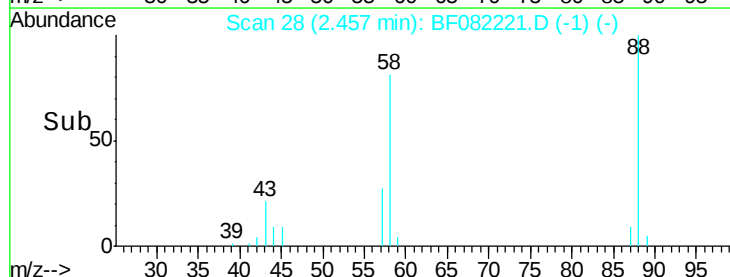
43 35.1 23.0 34.4#

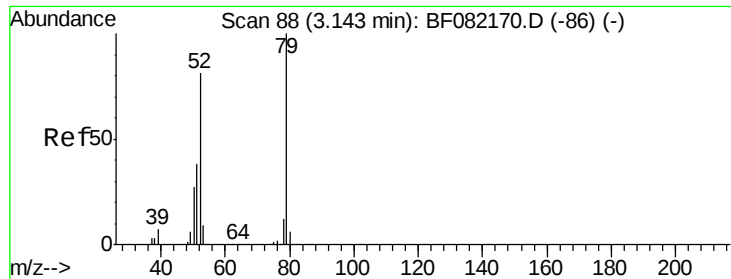


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

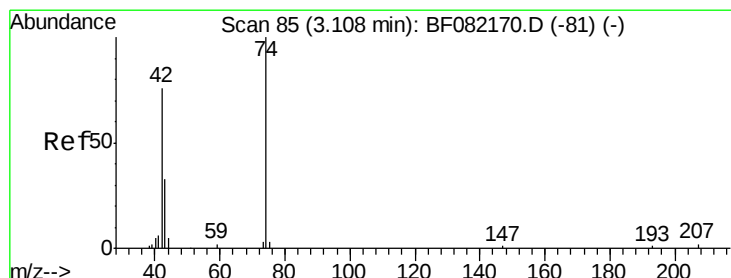
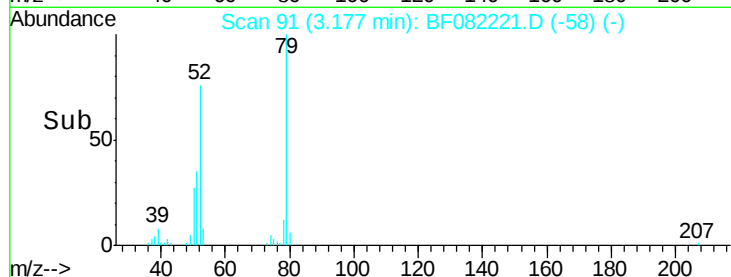
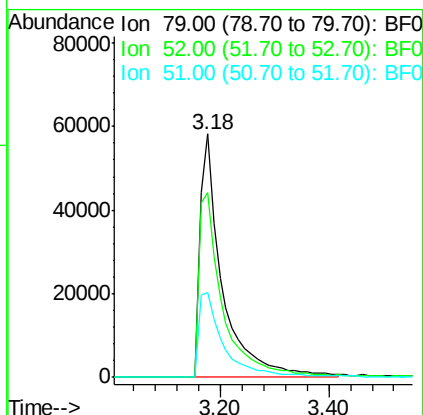
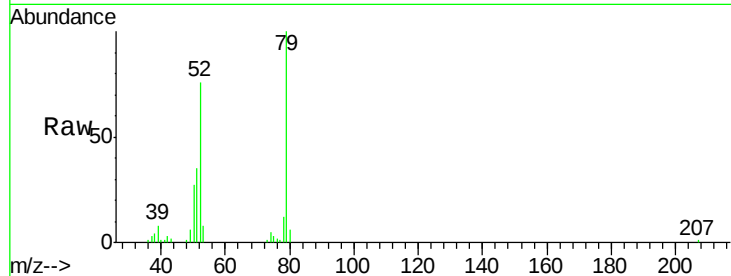




#3
 Pvridine
 Concen: 12.19 ng
 RT: 3.18 min Scan# 91
 Delta R.T. 0.08 min
 Lab File: BF082221.D
 Acq: 12 Oct 2015 15:31

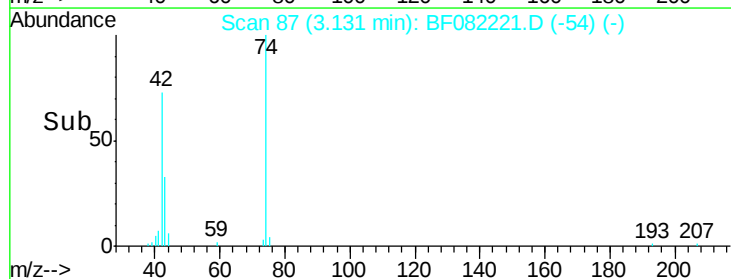
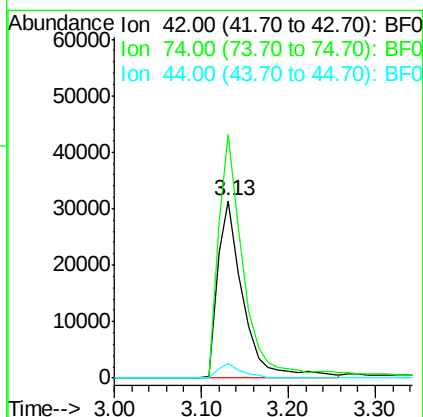
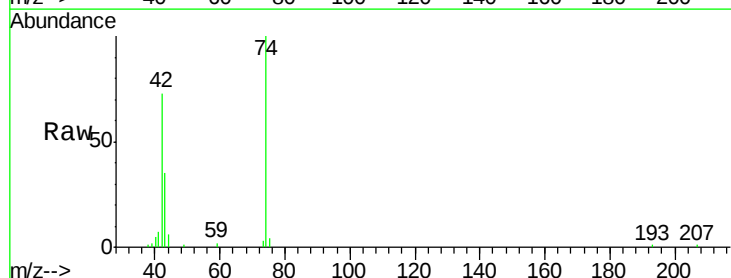
Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

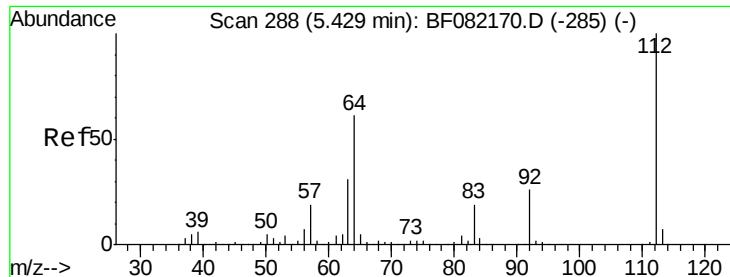
Tot Ion: 79 Resp: 163944
 Ion Ratio Lower Upper
 79 100
 52 76.0 64.4 96.6
 51 35.1 30.5 45.7



#4
 n-Nitrosodimethylamine
 Concen: 11.33 ng
 RT: 3.13 min Scan# 87
 Delta R.T. 0.08 min
 Lab File: BF082221.D
 Acq: 12 Oct 2015 15:31

Tgt Ion: 42 Resp: 64636
 Ion Ratio Lower Upper
 42 100
 74 137.4 105.7 158.5
 44 8.2 5.4 8.2#





#5

2-Fluorophenol

Concen: 39.11 ng

RT: 5.43 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86065BS

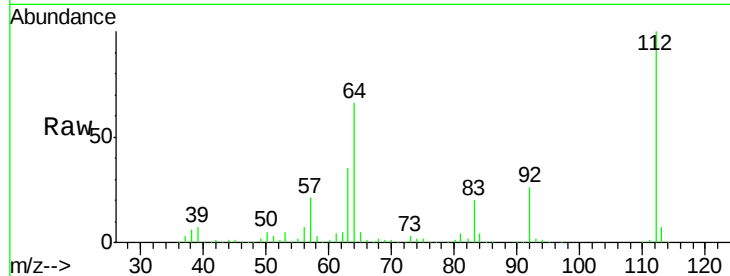
Tot Ion:112 Resp: 450171

Ion Ratio Lower Upper

112 100

64 65.6 48.6 73.0

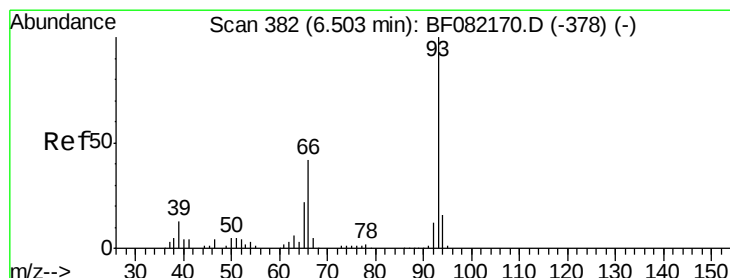
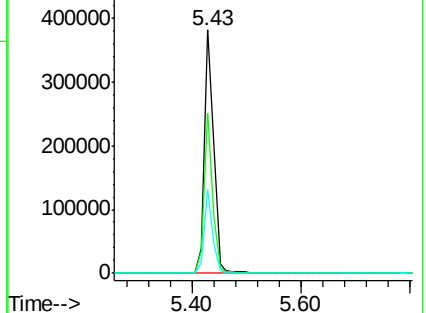
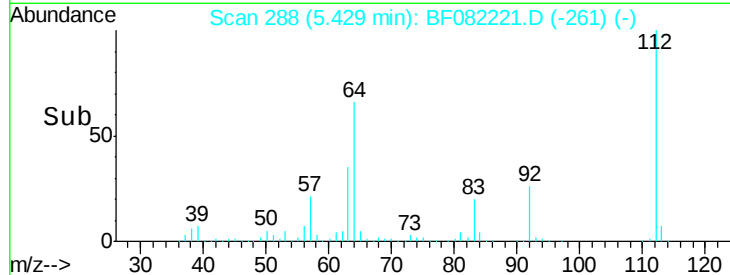
63 34.5 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 9.28 ng

RT: 6.57 min Scan# 388

Delta R.T. 0.08 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

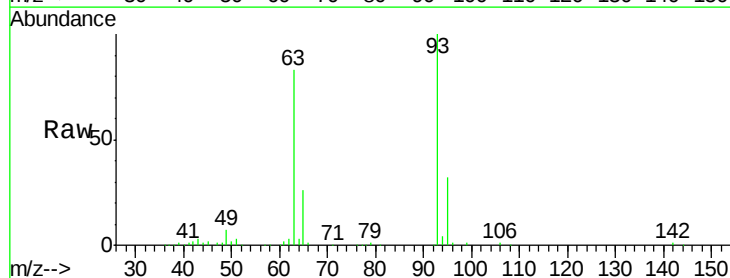
Tgt Ion: 93 Resp: 179194

Ion Ratio Lower Upper

93 100

66 1.1 34.2 51.2#

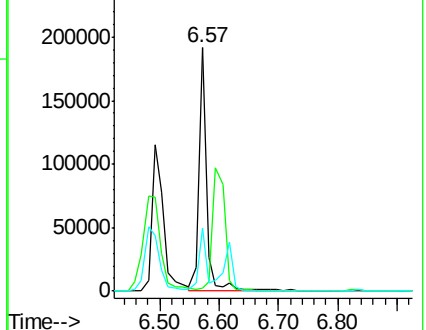
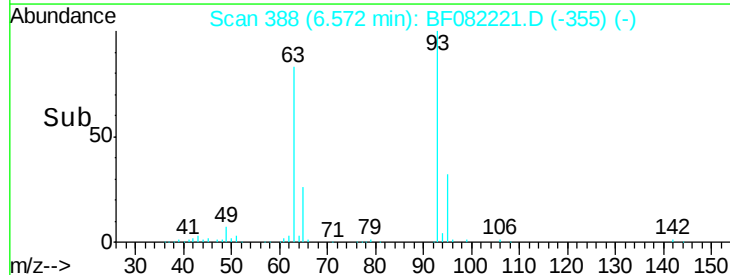
65 25.9 17.9 26.9

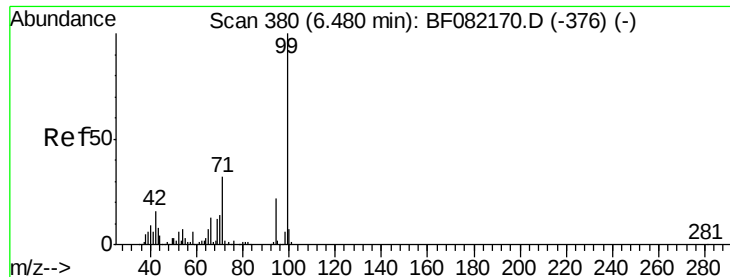


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 39.37 ng

RT: 6.47 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

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ClientSampleId :

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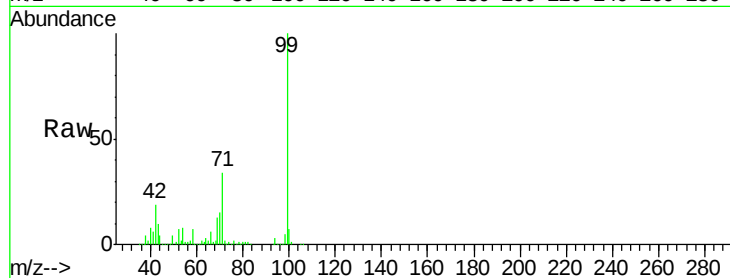
Tot Ion: 99 Resp: 589694

Ion Ratio Lower Upper

99 100

42 18.6 13.2 19.8

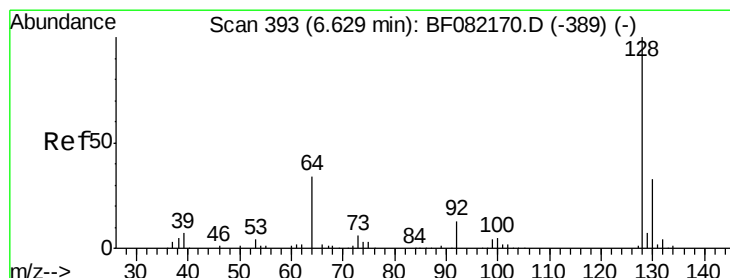
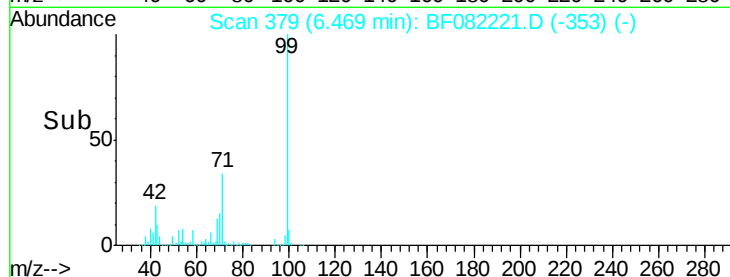
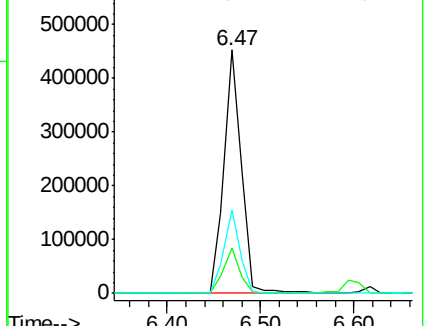
71 34.4 25.6 38.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 13.22 ng

RT: 6.62 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

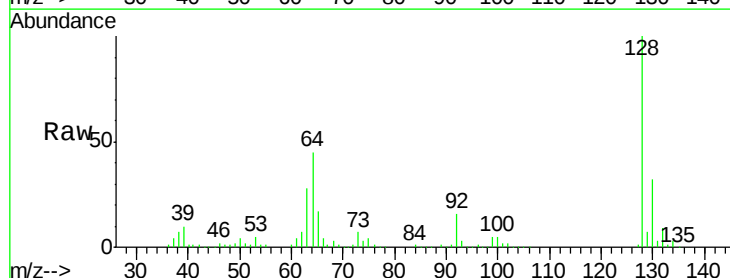
Tgt Ion: 128 Resp: 185795

Ion Ratio Lower Upper

128 100

130 32.3 12.6 52.6

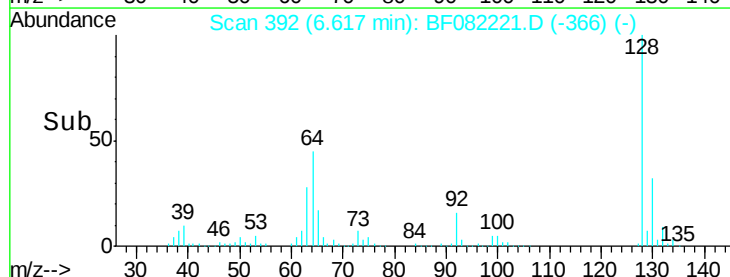
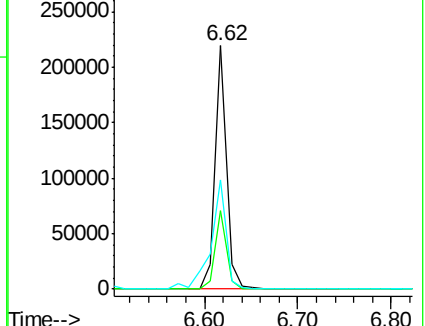
64 45.0 16.7 56.7

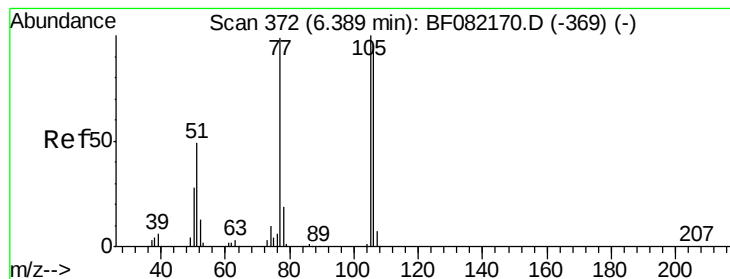


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 12.01 ng

RT: 6.38 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86065BS

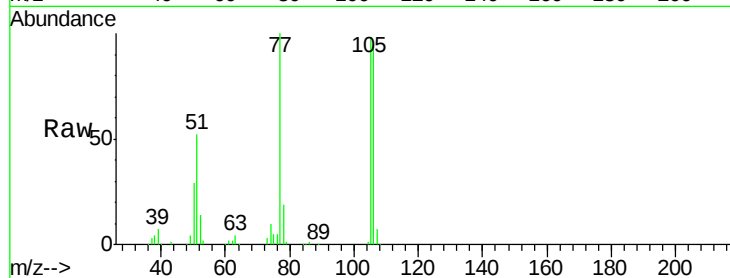
Tot Ion: 77 Resp: 91874

Ion Ratio Lower Upper

77 100

105 98.2 80.6 120.6

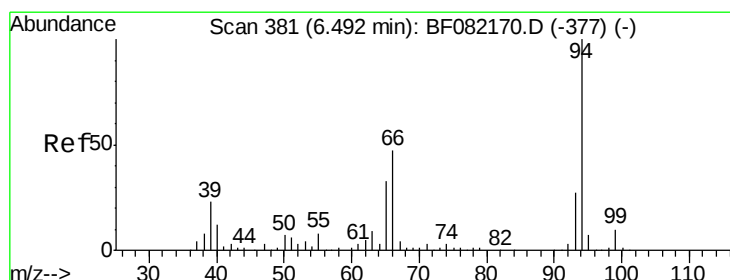
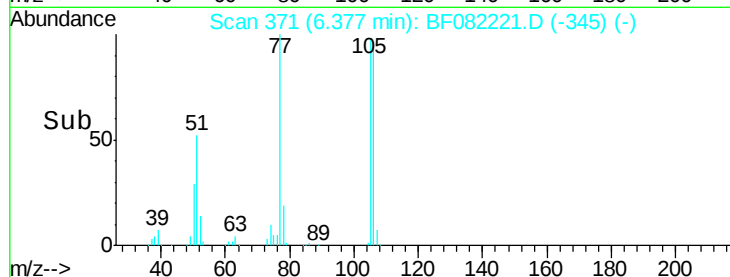
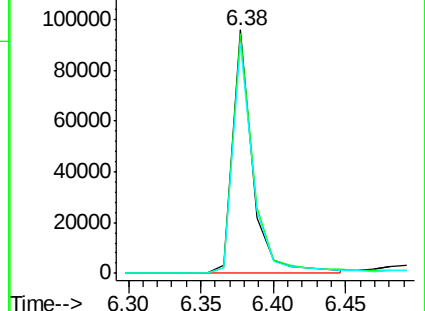
106 94.3 75.5 115.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 11.14 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

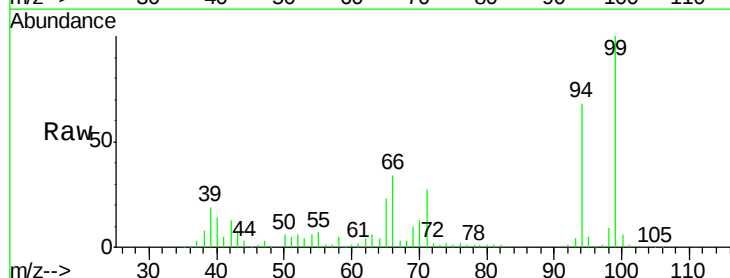
Tgt Ion: 94 Resp: 192354

Ion Ratio Lower Upper

94 100

65 33.6 12.6 52.6

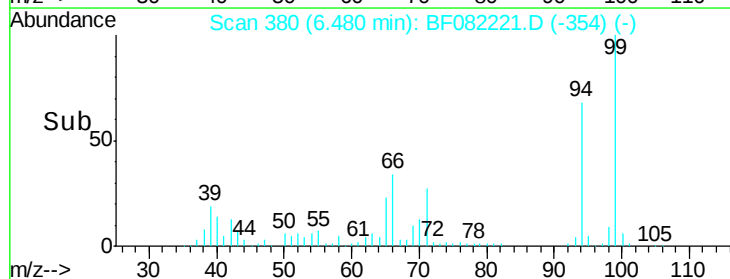
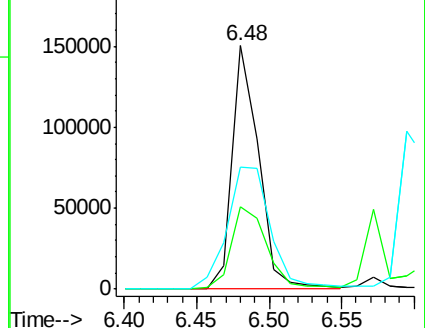
66 50.0 27.3 67.3

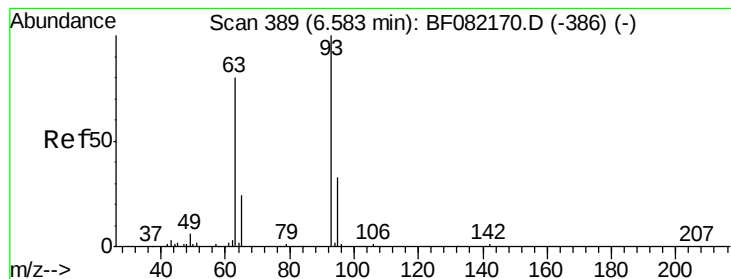


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 12.27 ng

RT: 6.57 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86065BS

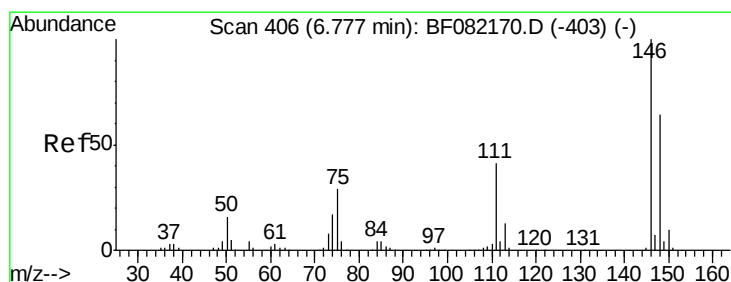
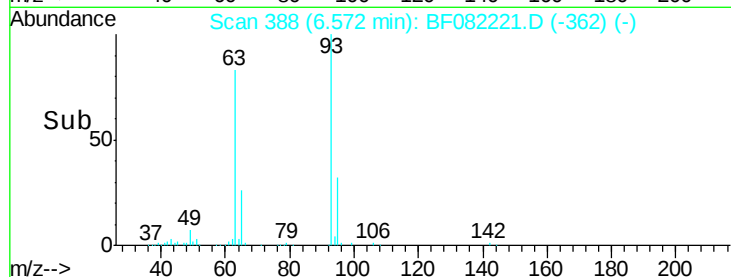
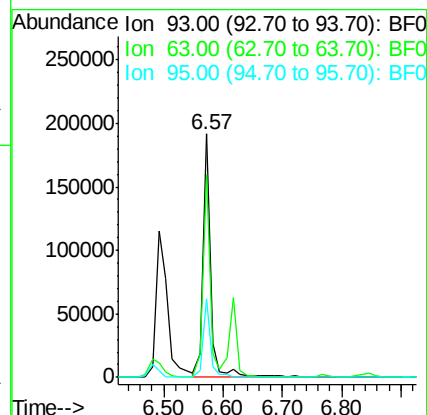
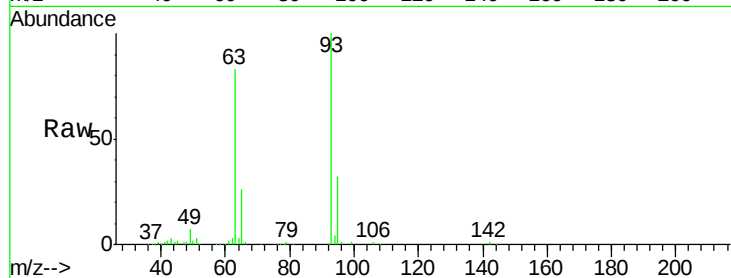
Tot Ion: 93 Resp: 179194

Ion Ratio Lower Upper

93 100

63 83.1 57.1 97.1

95 32.3 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 12.36 ng

RT: 6.85 min Scan# 412

Delta R.T. 0.08 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

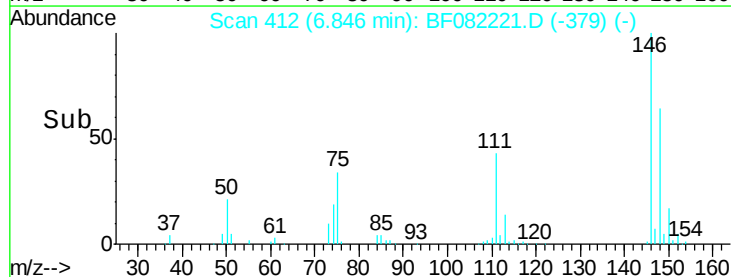
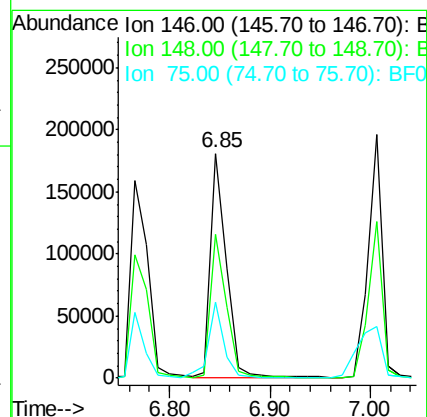
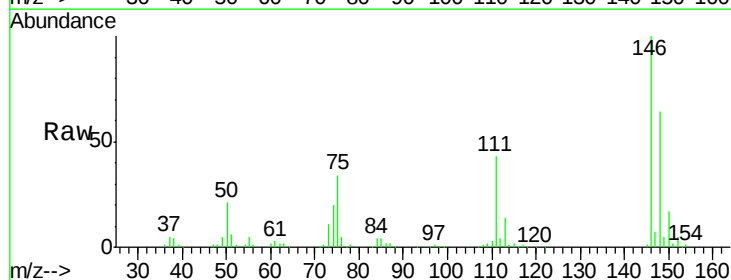
Tgt Ion: 146 Resp: 202251

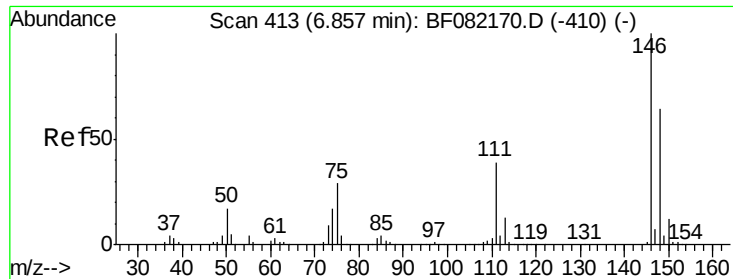
Ion Ratio Lower Upper

146 100

148 63.8 51.4 77.2

75 34.0 23.0 34.6

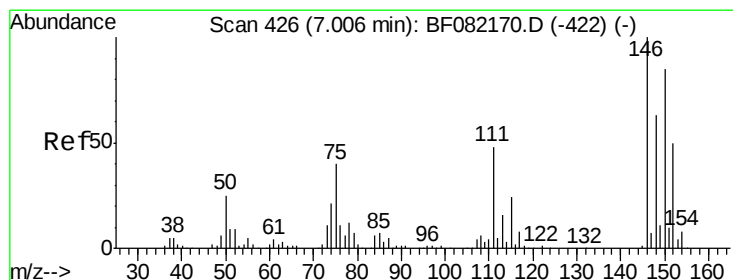
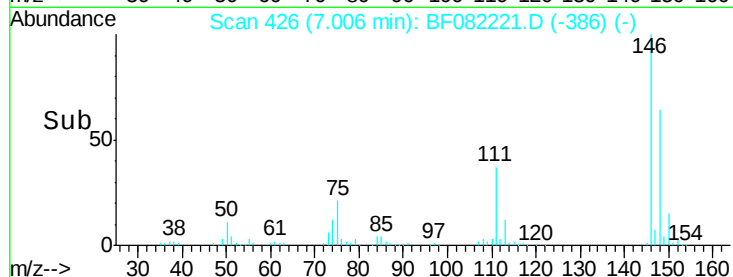
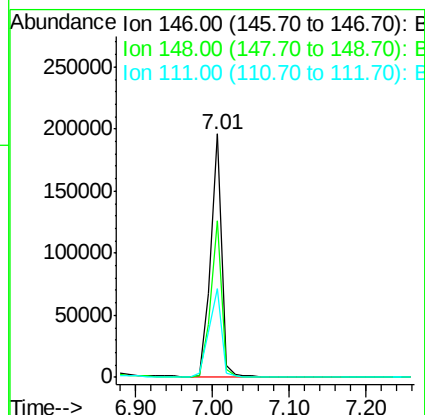
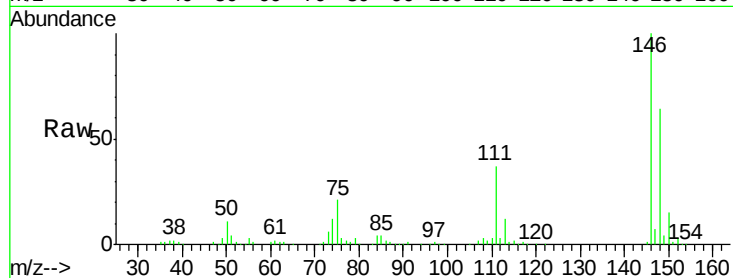




#13
 1,4-Dichlorobenzene
 Concen: 11.40 ng
 RT: 7.01 min Scan# 426
 Delta R.T. 0.16 min
 Lab File: BF082221.D
 Acq: 12 Oct 2015 15:31

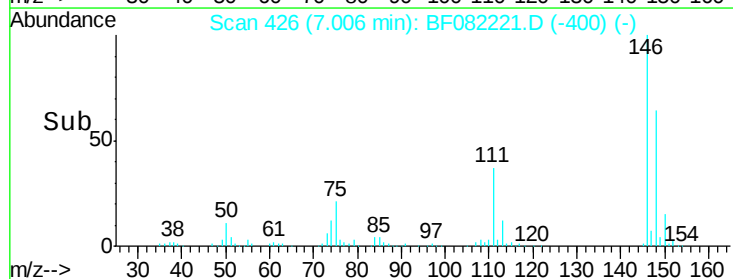
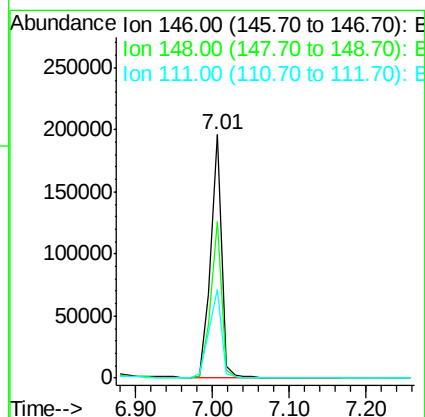
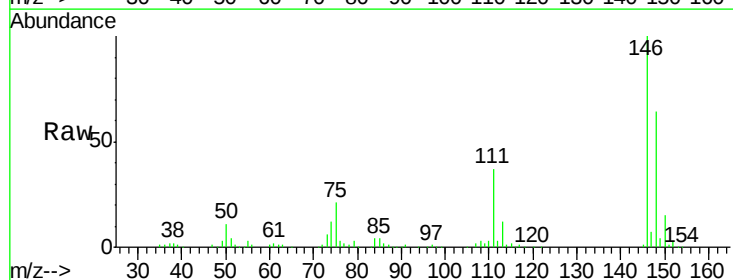
Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

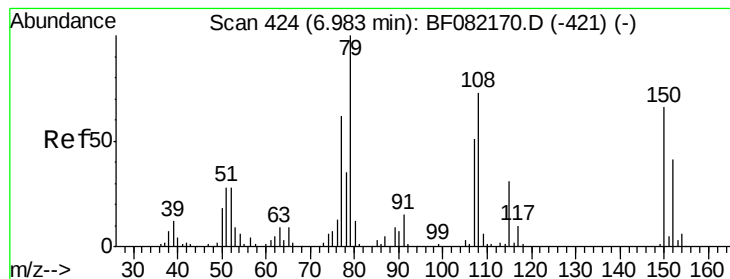
Tot Ion:146 Resp: 194772
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.0 76.4
 111 36.6 31.1 46.7



#14
 1,2-Dichlorobenzene
 Concen: 12.00 ng
 RT: 7.01 min Scan# 426
 Delta R.T. 0.00 min
 Lab File: BF082221.D
 Acq: 12 Oct 2015 15:31

Tgt Ion:146 Resp: 194772
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.5 75.7
 111 36.6 38.5 57.7#





#15

Benzyl Alcohol

Concen: 14.01 ng

RT: 6.98 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86065BS

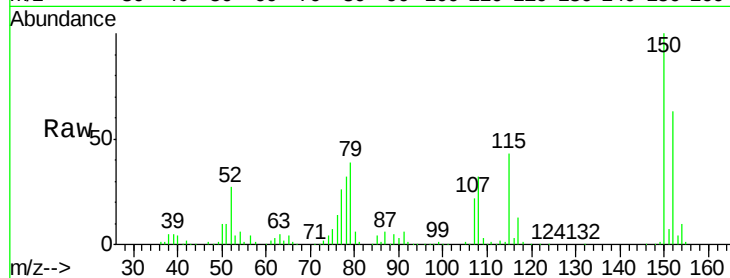
Tot Ion: 79 Resp: 144859

Ion Ratio Lower Upper

79 100

108 80.0 58.4 87.6

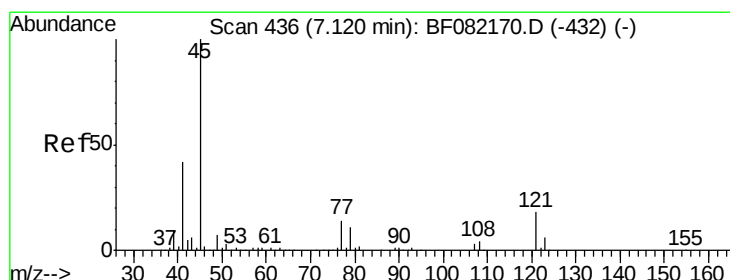
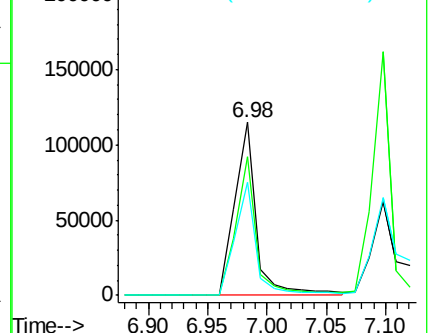
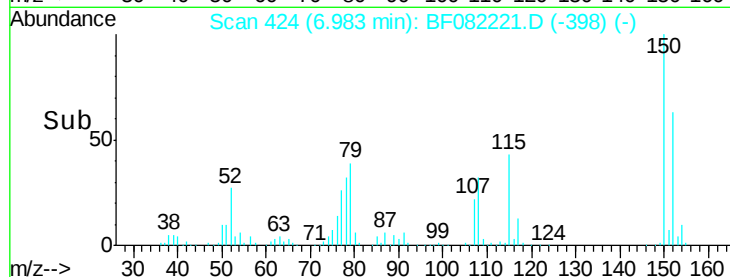
77 65.3 49.8 74.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 12.55 ng

RT: 7.11 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

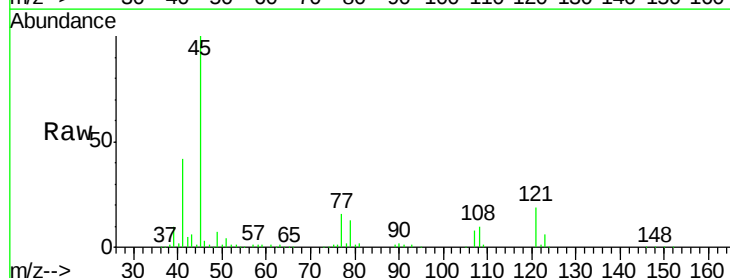
Tgt Ion: 45 Resp: 255128

Ion Ratio Lower Upper

45 100

77 16.0 0.0 34.5

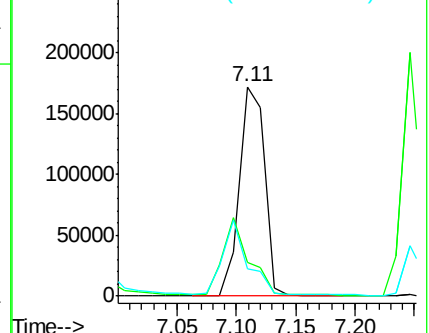
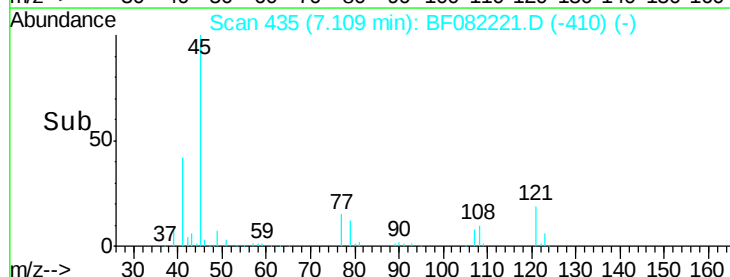
79 12.8 0.0 31.6

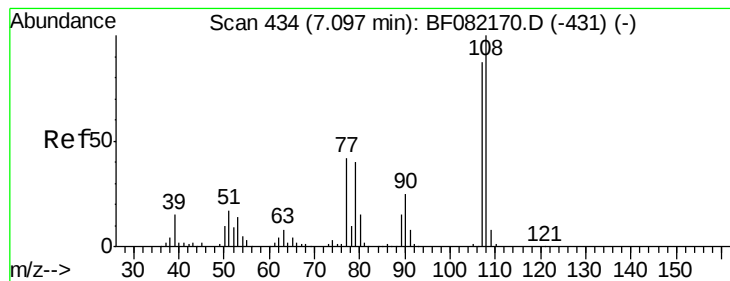


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

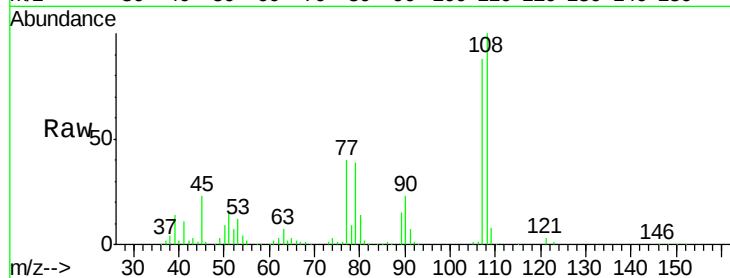




#17
2-Methylphenol
Concen: 13.27 ng
RT: 7.10 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.5	92.2	138.2
77	45.5	39.6	59.4
79	43.9	38.2	57.4



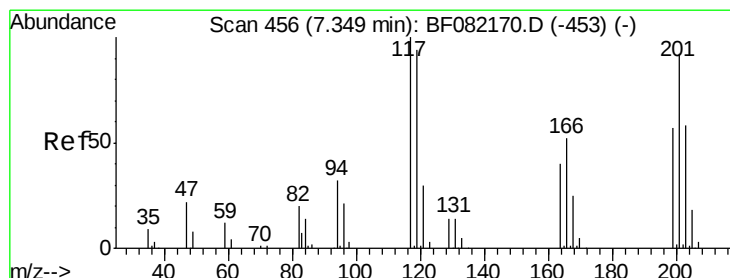
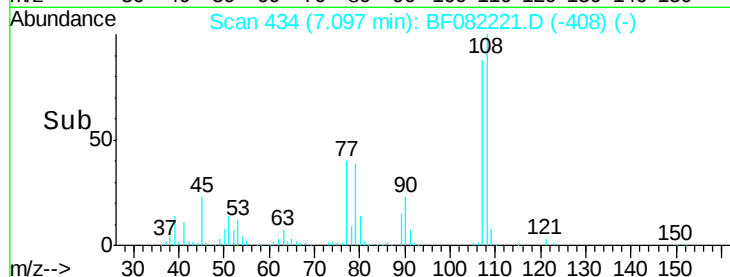
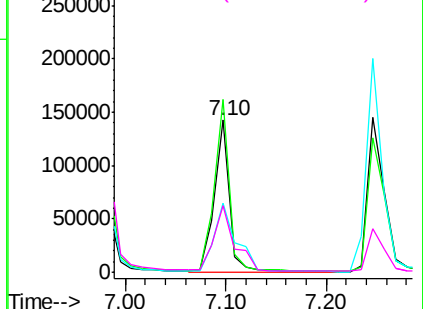
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

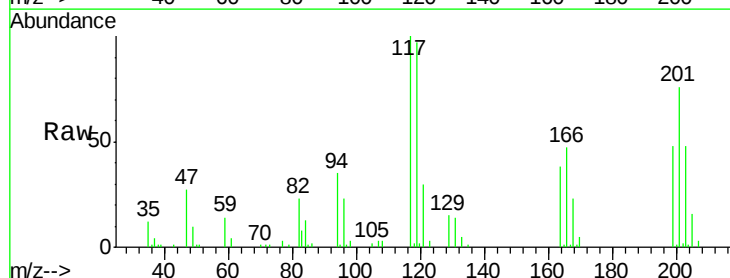
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 11.32 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.4	113.2
201	76.0	73.4	110.0

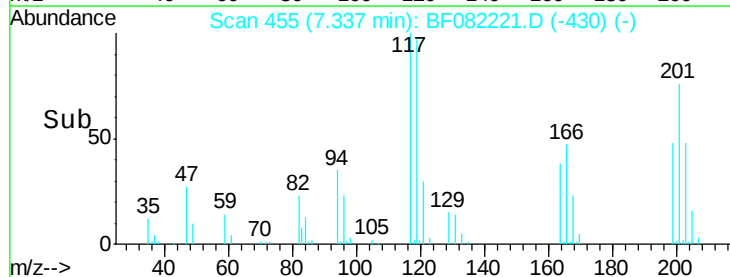
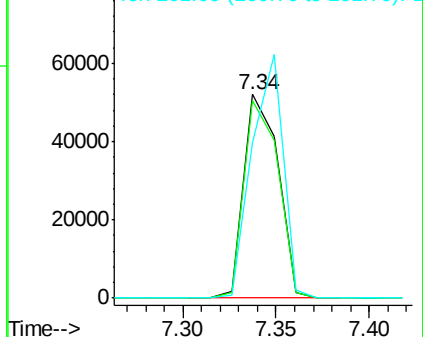


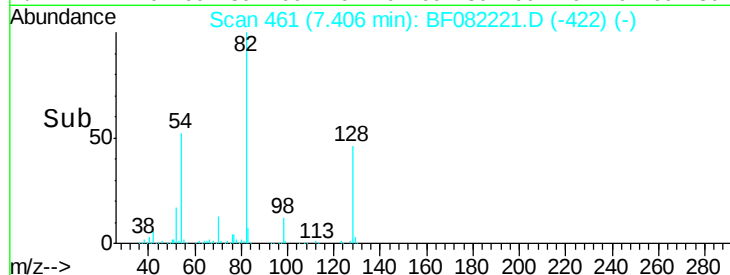
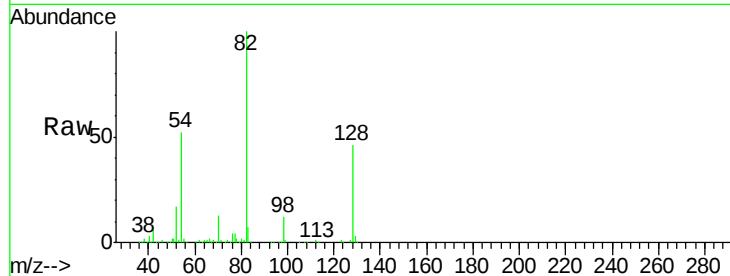
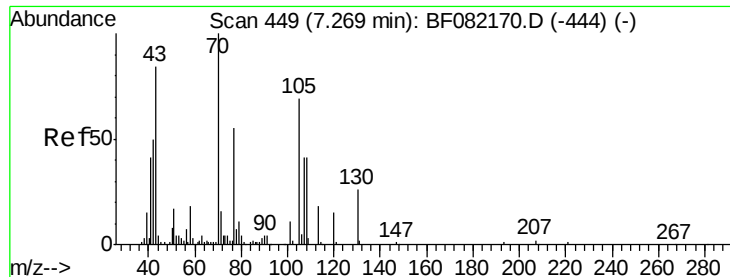
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

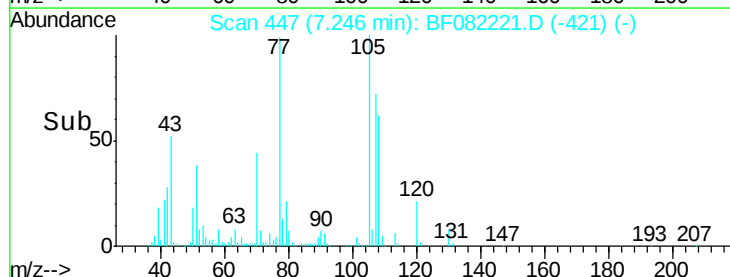
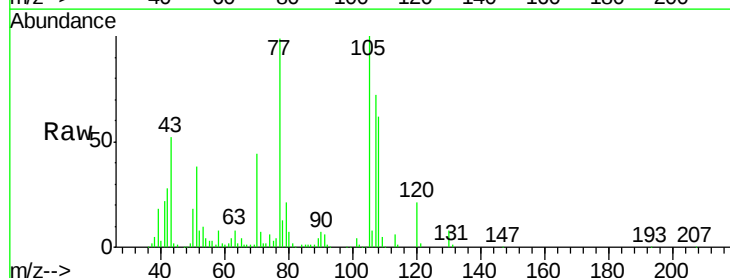
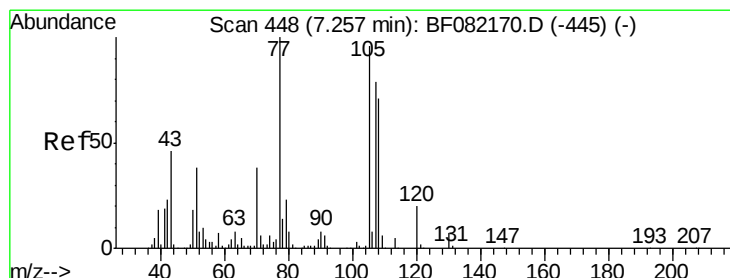
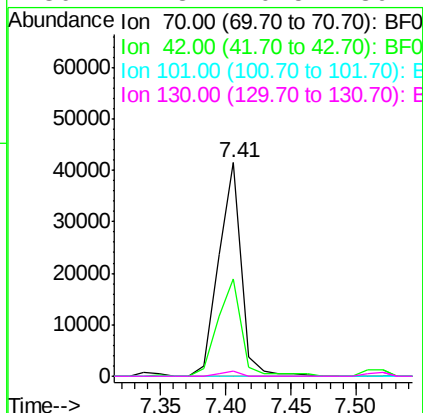




#19
n-Nitroso-di-n-propylamine
Concen: 4.76 ng
RT: 7.41 min Scan# 461
Delta R.T. 0.15 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

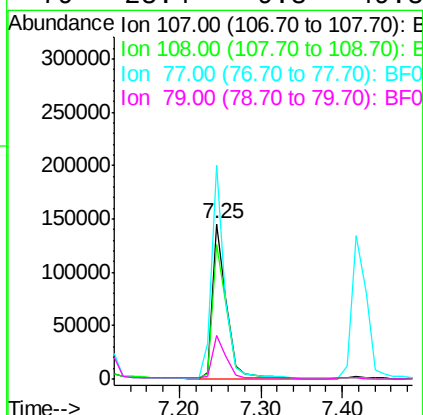
Instrument :
BNA_F
ClientSampleId :
PB86065BS

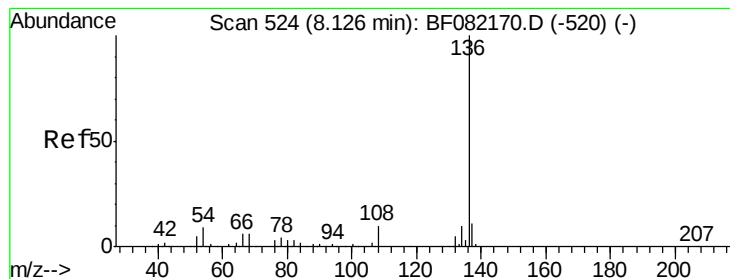
Tot Ion: 70 Resp: 50018
Ion Ratio Lower Upper
70 100
42 45.3 39.8 59.8
101 0.0 8.6 13.0#
130 2.3 20.5 30.7#



#20
3+4-Methylphenols
Concen: 13.05 ng
RT: 7.25 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Tgt Ion: 107 Resp: 172819
Ion Ratio Lower Upper
107 100
108 86.2 69.9 109.9
77 137.5 106.0 146.0
79 28.4 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: BF082221.D

Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86065BS

Tot Ion:136 Resp: 368938

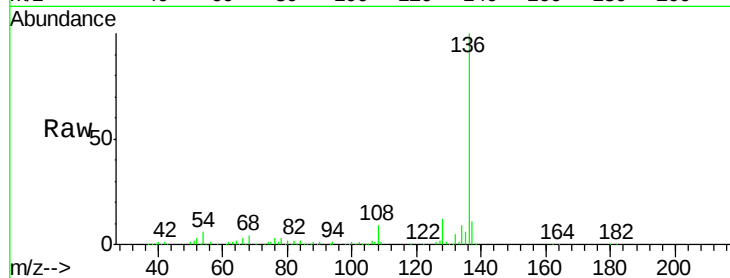
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 5.9 7.5 11.3#

68 3.8 4.6 7.0#

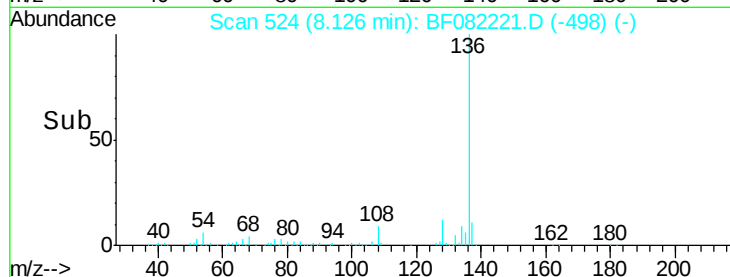


Abundance Ion 136.00 (135.70 to 136.70): E

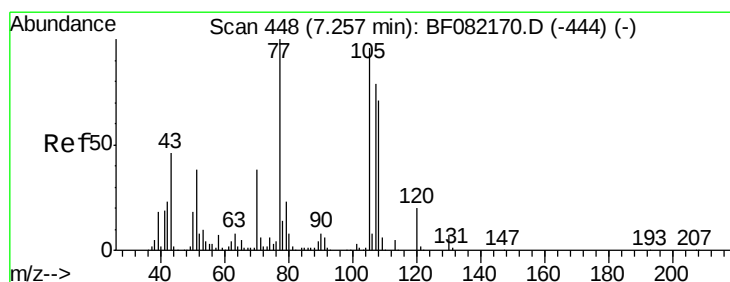
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 32.15 ng

RT: 7.25 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Tgt Ion:105 Resp: 234624

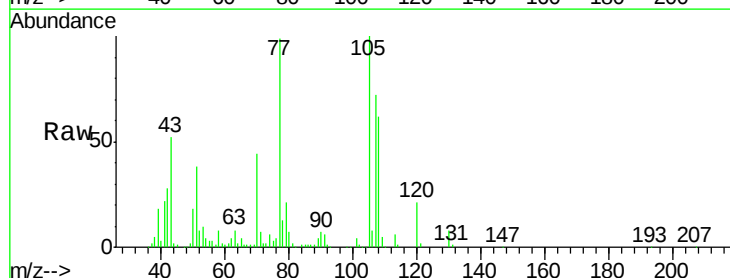
Ion Ratio Lower Upper

105 100

71 7.1 5.4 8.0

51 38.1 31.8 47.6

120 20.9 16.3 24.5

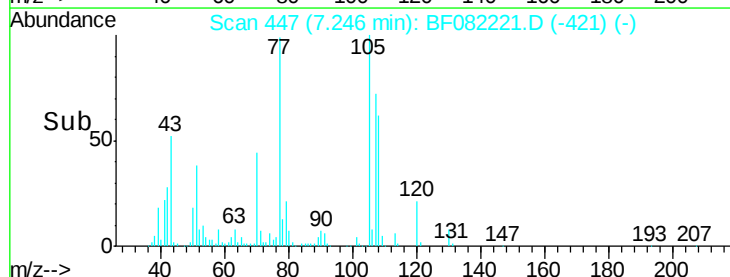


Abundance Ion 105.00 (104.70 to 105.70): E

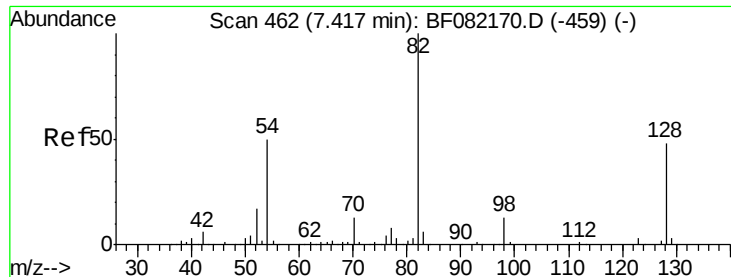
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



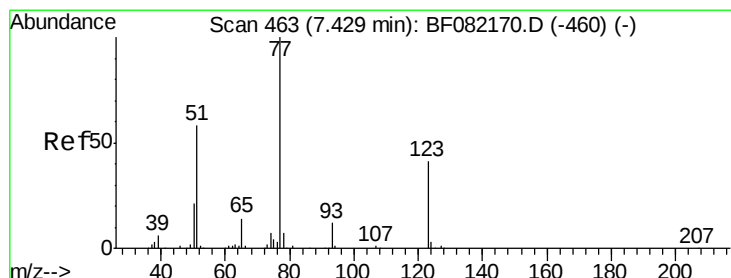
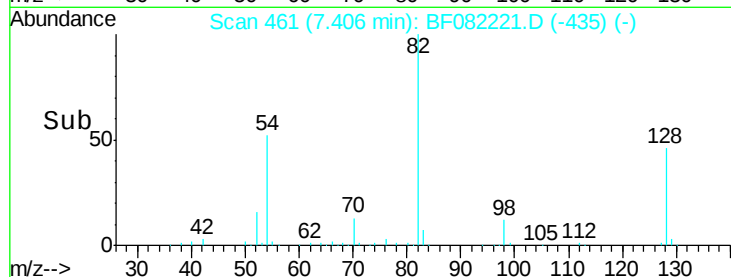
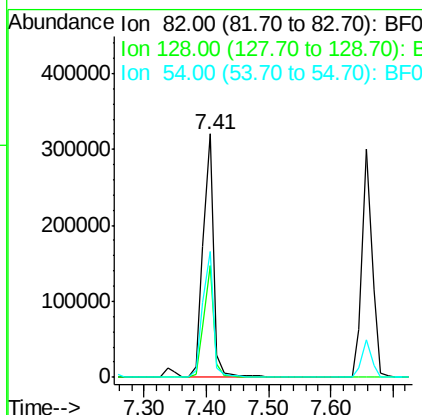
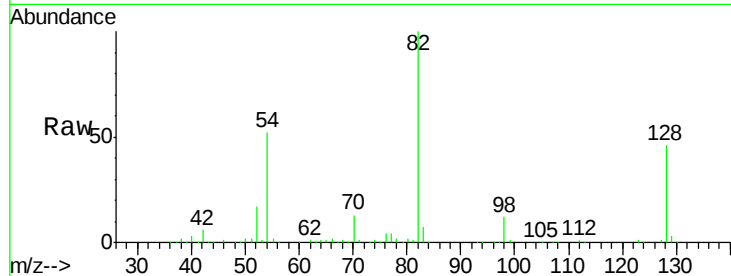
Time-->



#23
 Nitrobenzene-d5
 Concen: 70.36 ng
 RT: 7.41 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF082221.D
 Acq: 12 Oct 2015 15:31

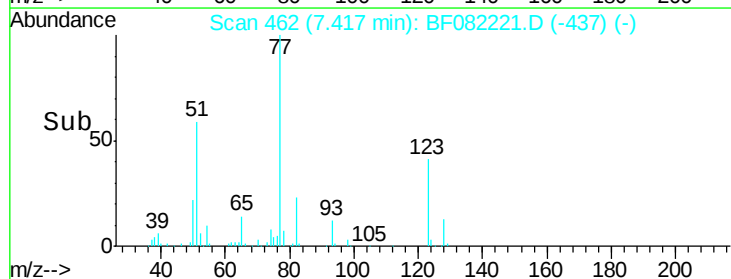
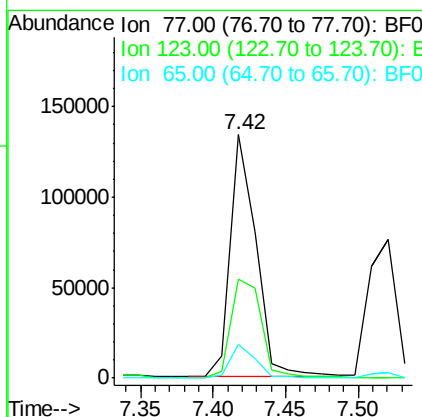
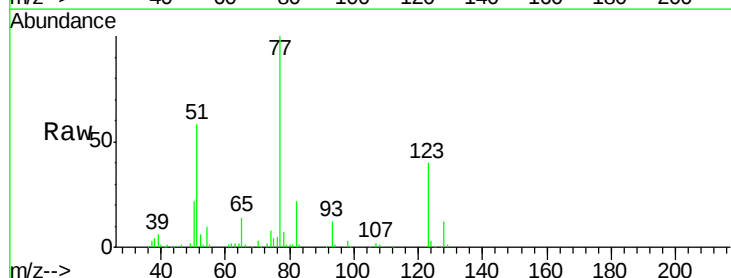
Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

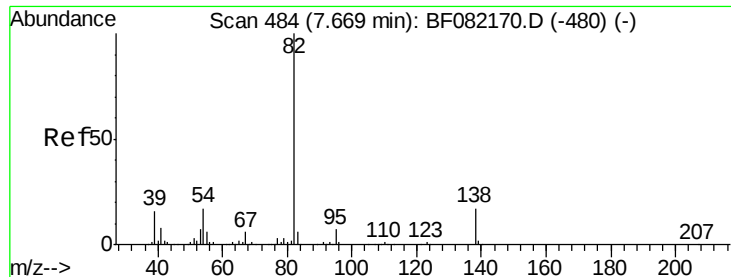
Tot Ion: 82 Resp: 386534
 Ion Ratio Lower Upper
 82 100
 128 46.1 38.7 58.1
 54 51.9 40.1 60.1



#24
 Nitrobenzene
 Concen: 27.92 ng
 RT: 7.42 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF082221.D
 Acq: 12 Oct 2015 15:31

Tgt Ion: 77 Resp: 166042
 Ion Ratio Lower Upper
 77 100
 123 40.4 33.0 49.4
 65 13.9 11.2 16.8





#25

Isophorone

Concen: 29.96 ng

RT: 7.66 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86065BS

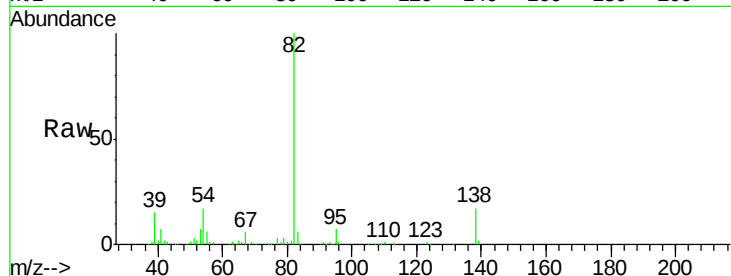
Tot Ion: 82 Resp: 332227

Ion Ratio Lower Upper

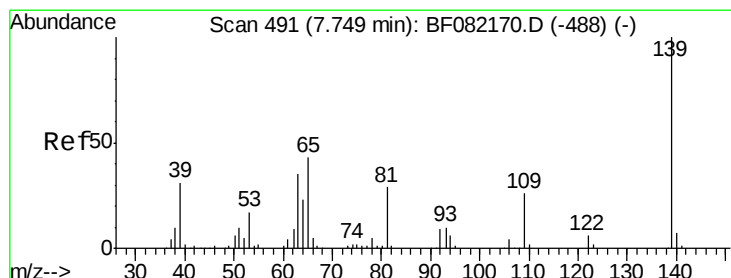
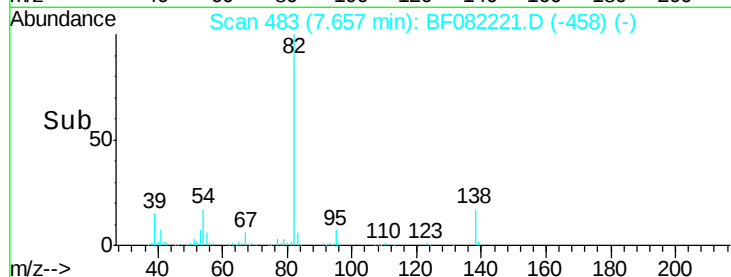
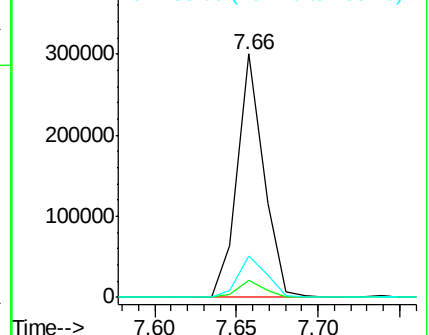
82 100

95 7.0 5.6 8.4

138 17.1 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 33.41 ng

RT: 7.74 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

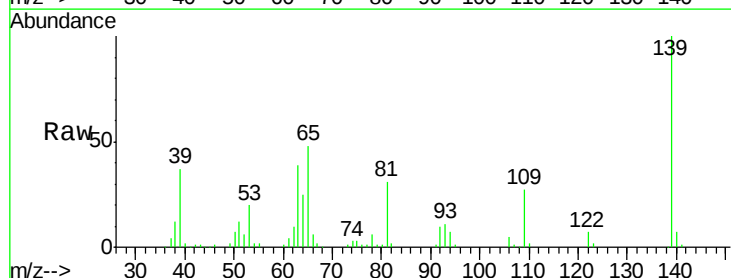
Tgt Ion: 139 Resp: 99203

Ion Ratio Lower Upper

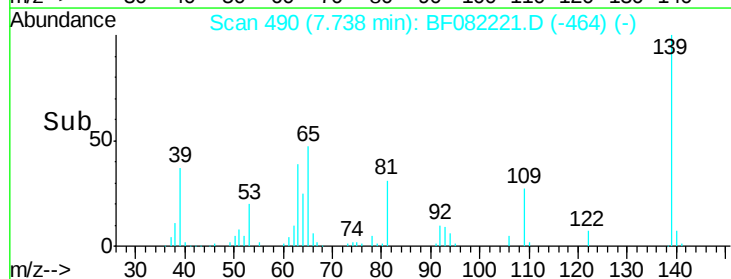
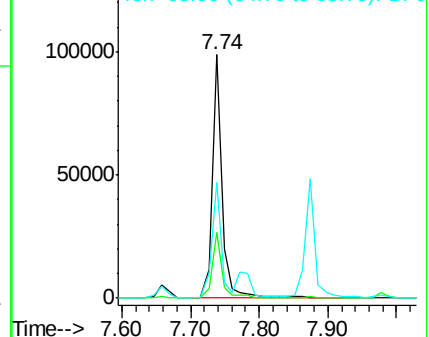
139 100

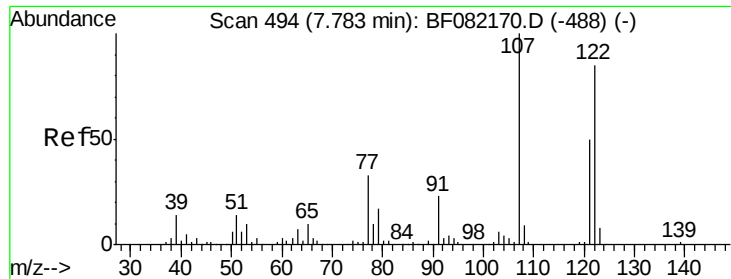
109 26.8 20.6 31.0

65 47.7 34.3 51.5



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

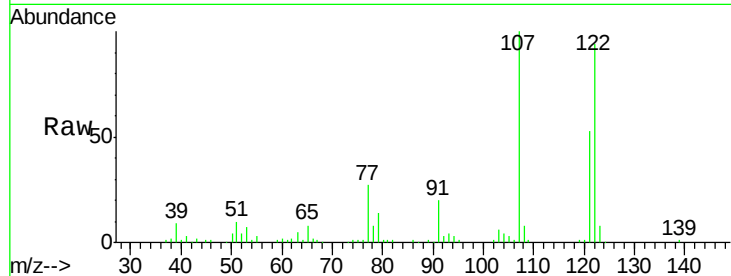




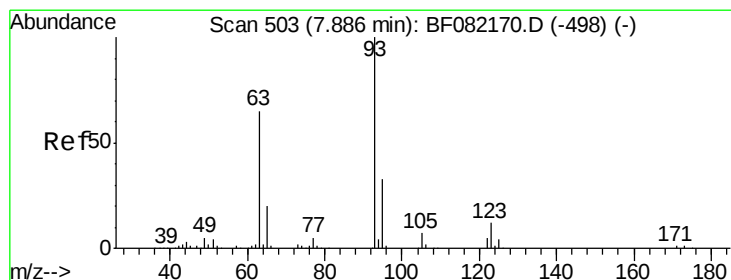
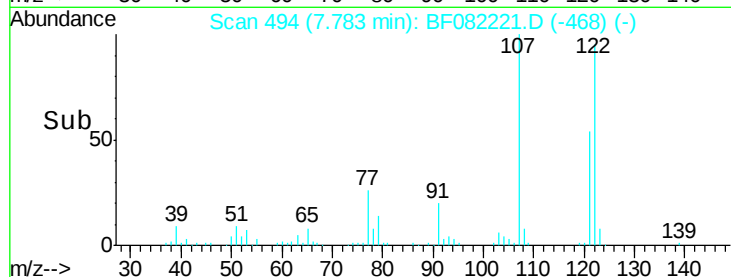
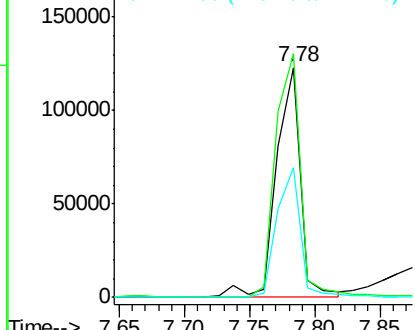
#27
 2,4-Dimethylphenol
 Concen: 33.36 ng
 RT: 7.78 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: BF082221.D
 Acq: 12 Oct 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	105.8	94.0	141.0
121	56.5	46.8	70.2

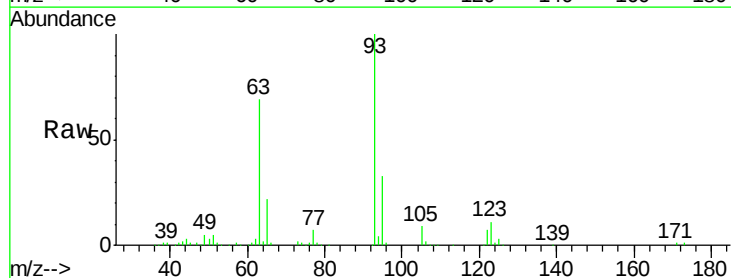


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

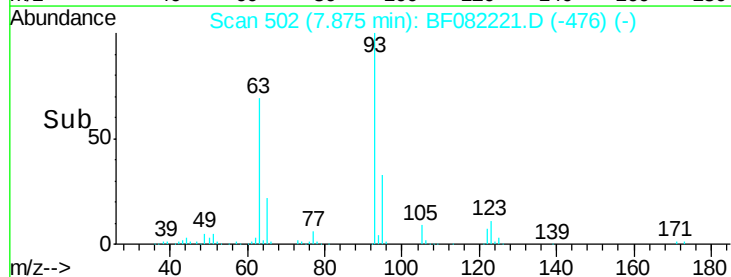
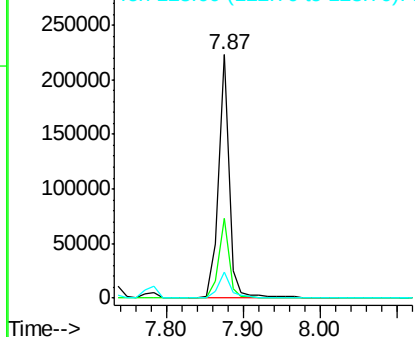


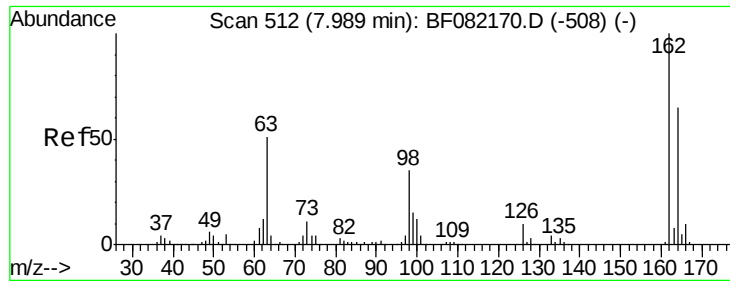
#28
 bis(2-Chloroethoxy)methane
 Concen: 33.82 ng
 RT: 7.87 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: BF082221.D
 Acq: 12 Oct 2015 15:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.6	39.8
123	10.9	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

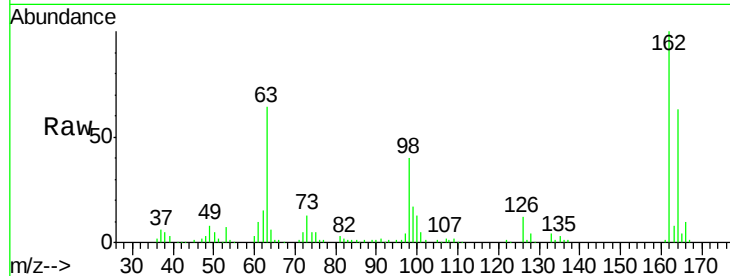




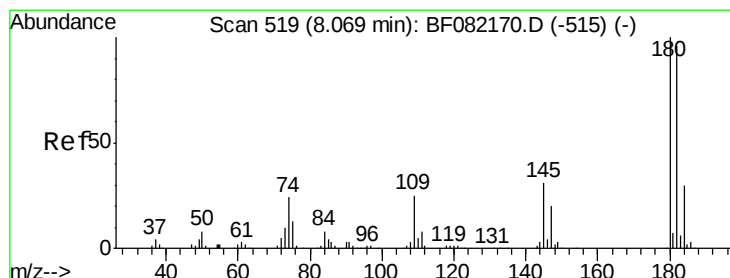
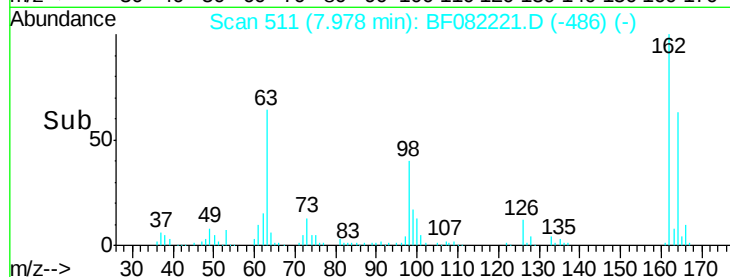
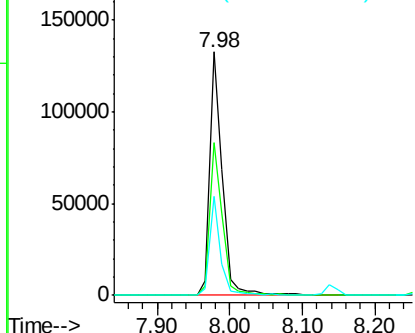
#29
 2,4-Dichlorophenol
 Concen: 33.16 ng
 RT: 7.98 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF082221.D
 Acq: 12 Oct 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	44.6	84.6
98	40.5	15.0	55.0

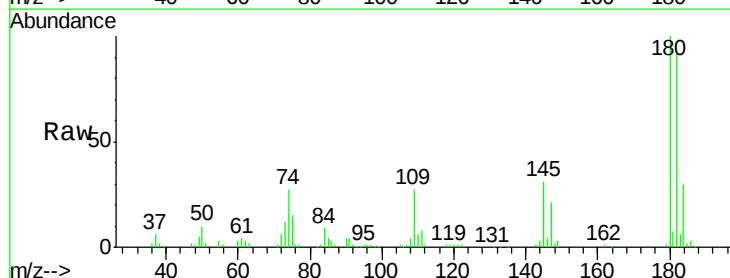


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

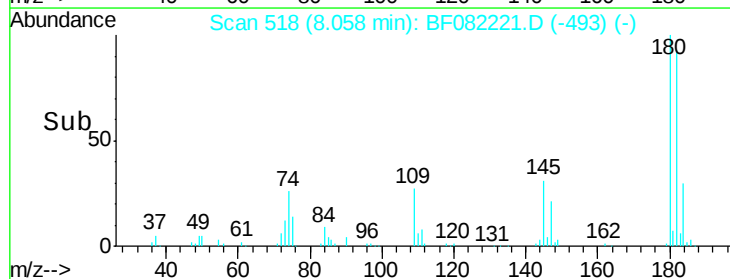
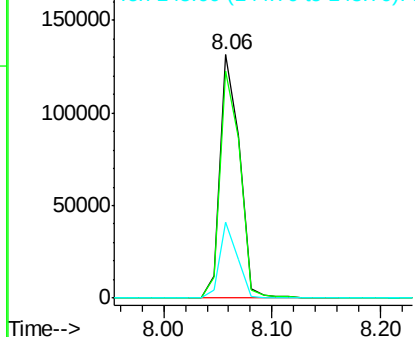


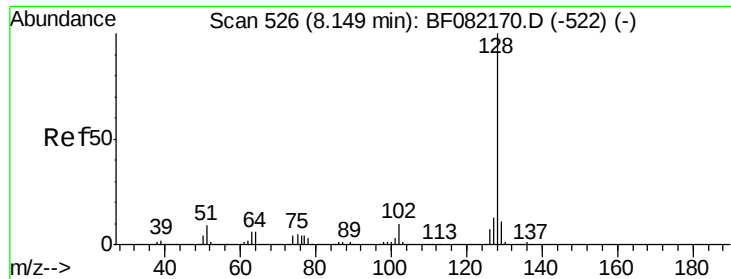
#30
 1,2,4-Trichlorobenzene
 Concen: 29.94 ng
 RT: 8.06 min Scan# 518
 Delta R.T. -0.01 min
 Lab File: BF082221.D
 Acq: 12 Oct 2015 15:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	77.0	115.4
145	31.4	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

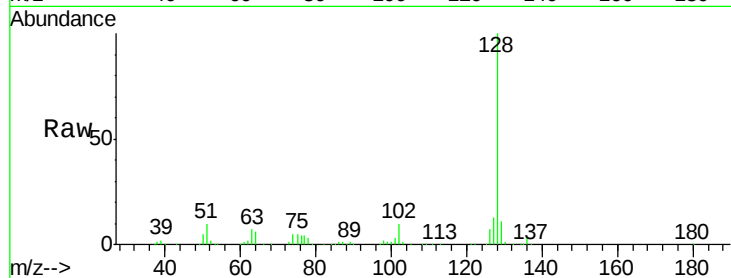




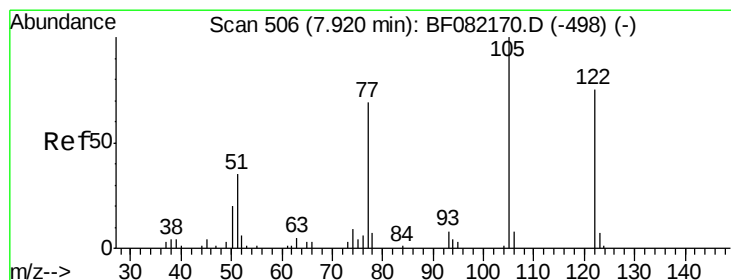
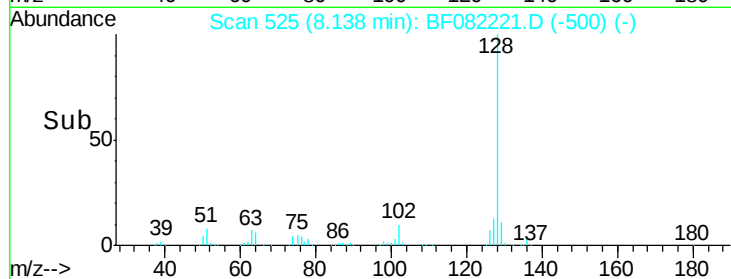
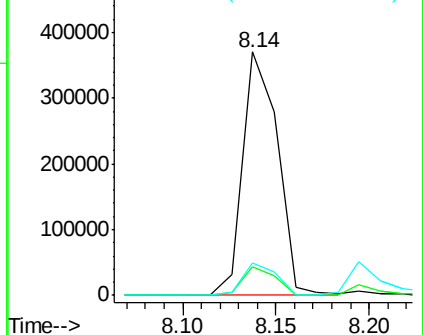
#31
Naphthalene
Concen: 30.13 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion:128 Resp: 481841
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.1 10.7 16.1

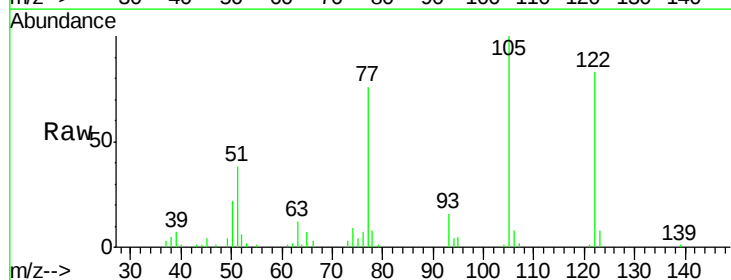


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

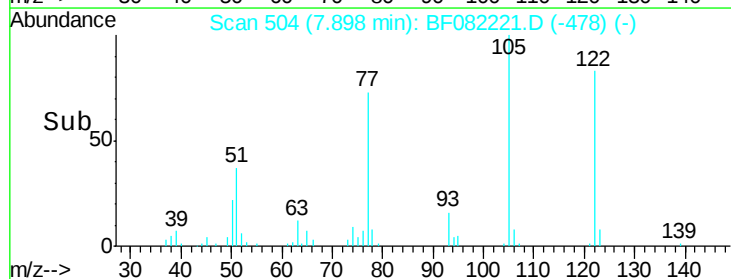
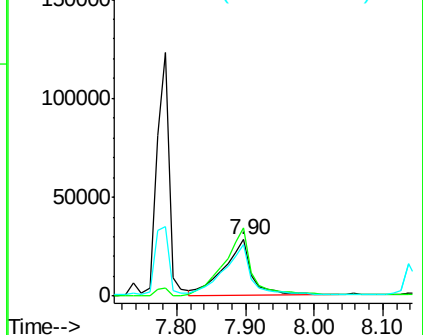


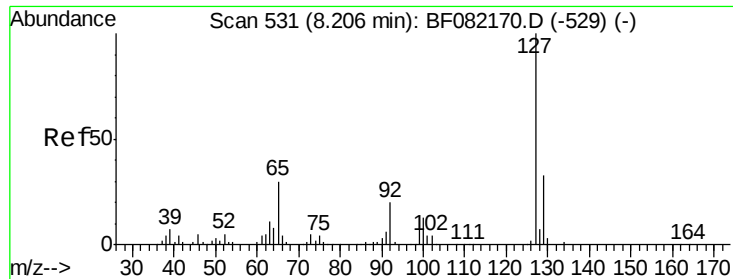
#32
Benzoic acid
Concen: 25.18 ng
RT: 7.90 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Tgt Ion:122 Resp: 80861
Ion Ratio Lower Upper
122 100
105 120.3 104.4 144.4
77 92.0 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

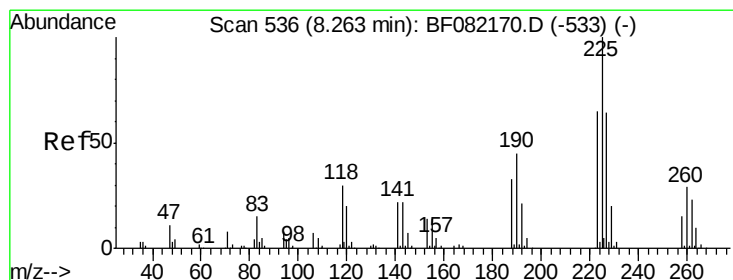
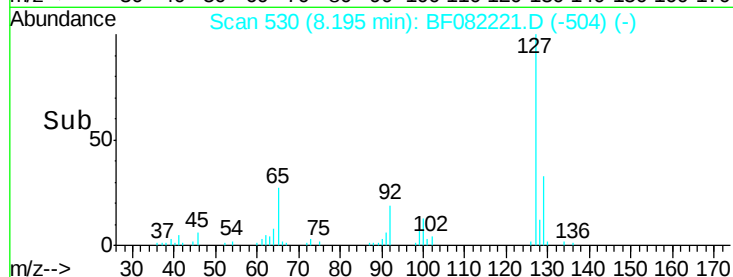
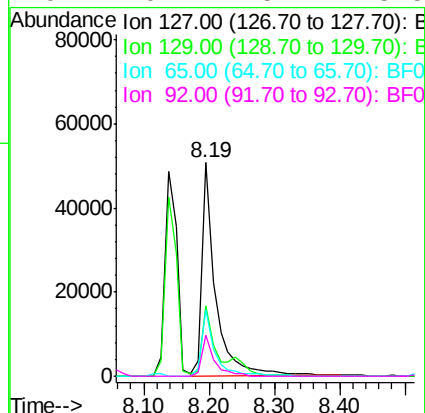
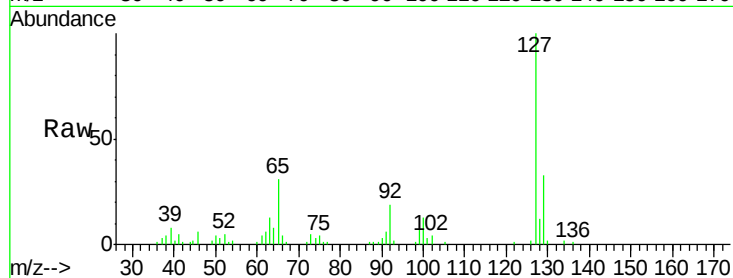




#33
4-Chloroaniline
Concen: 10.96 ng
RT: 8.19 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

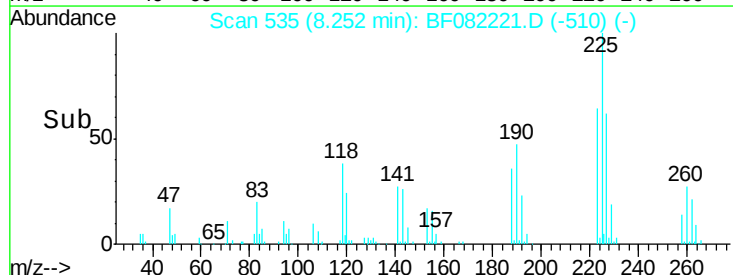
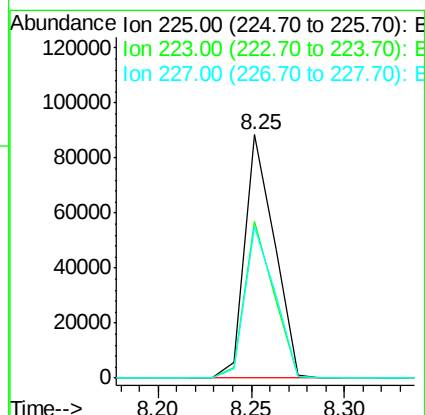
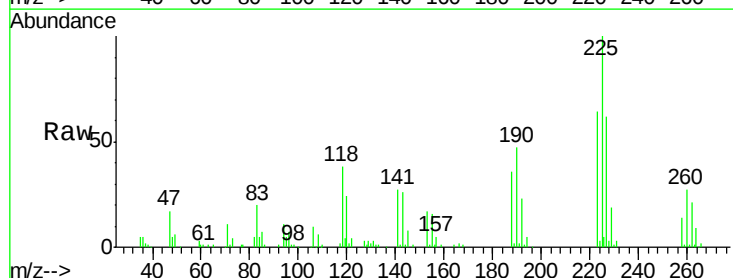
Instrument :
BNA_F
ClientSampleId :
PB86065BS

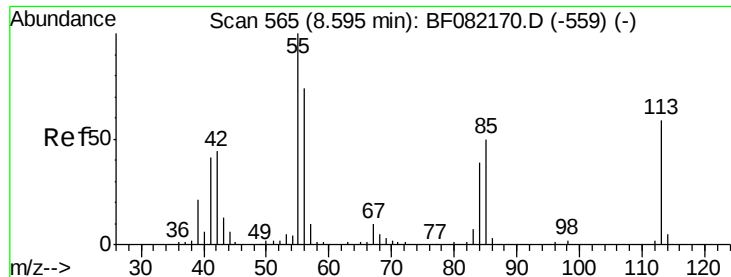
Tot Ion:	127	Resp:	72767
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.3	39.5
65	31.3	24.4	36.6
92	19.1	15.7	23.5



#34
Hexachlorobutadiene
Concen: 28.36 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Tgt Ion:	225	Resp:	97421
Ion	Ratio	Lower	Upper
225	100		
223	64.1	52.2	78.2
227	62.3	51.3	76.9





#35

Caprolactam

Concen: 22.79 ng

RT: 8.56 min Scan# 562

Delta R.T. -0.02 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86065BS

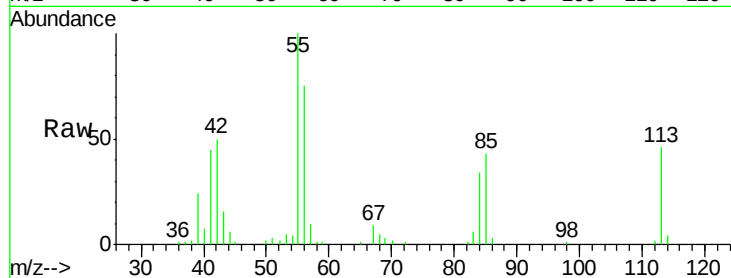
Tot Ion:113 Resp: 31634

Ion Ratio Lower Upper

113 100

55 218.1 149.7 189.7#

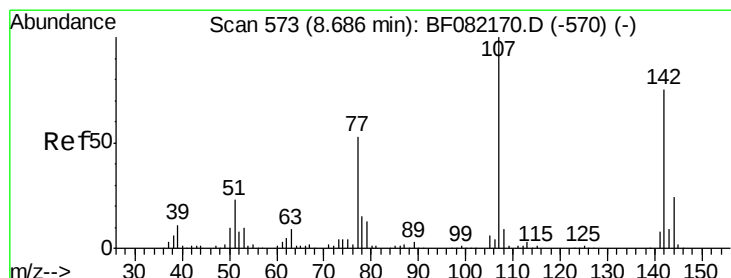
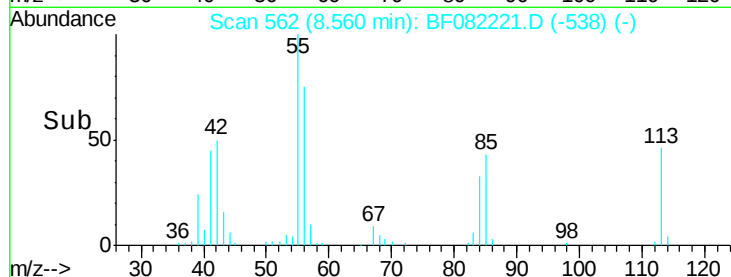
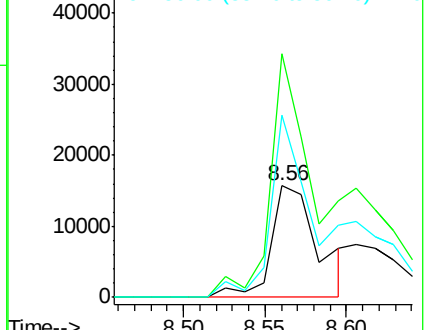
56 163.1 105.4 145.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 36.20 ng

RT: 8.69 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

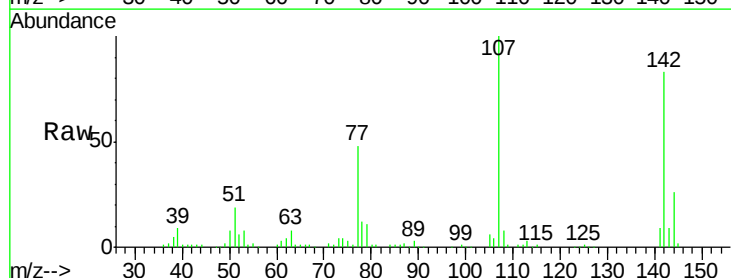
Tgt Ion:107 Resp: 169305

Ion Ratio Lower Upper

107 100

144 26.2 19.3 28.9

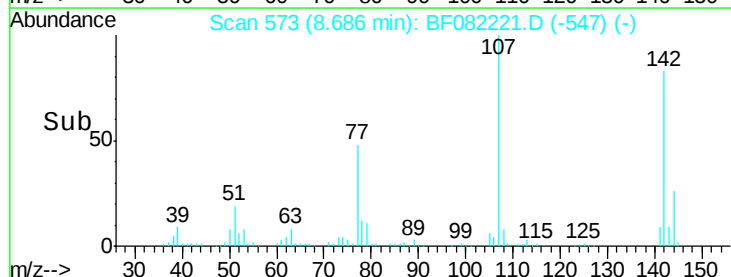
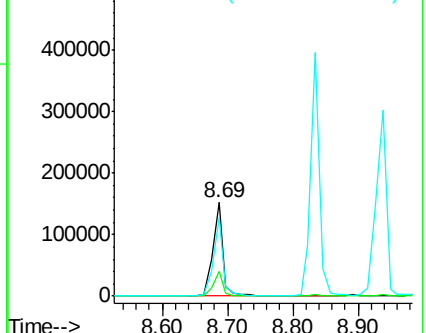
142 83.2 59.9 89.9

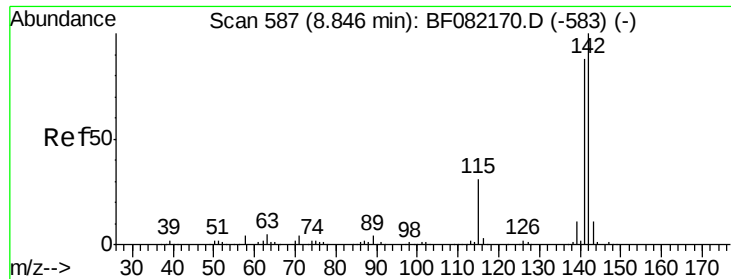


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

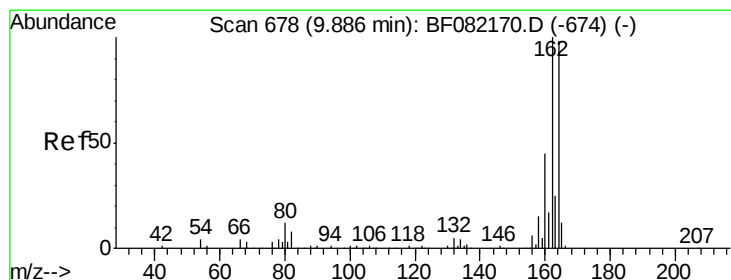
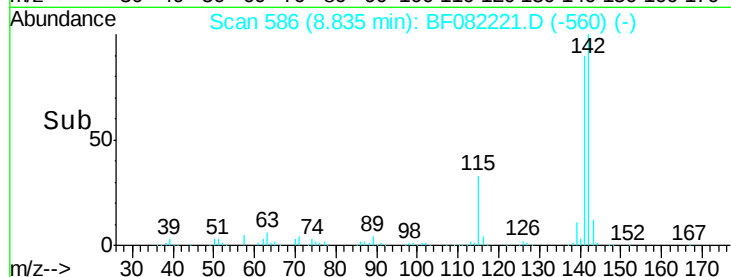
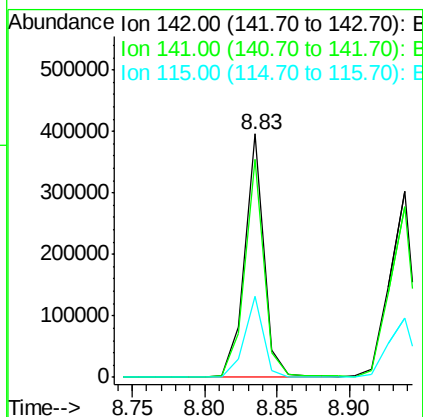
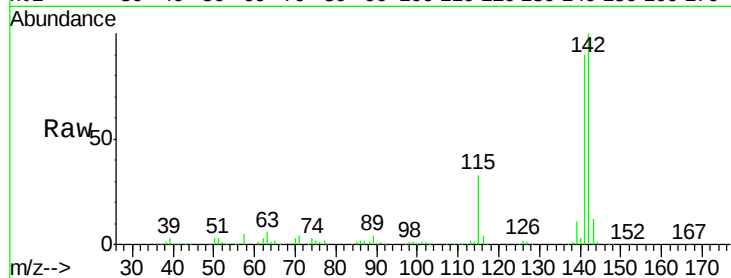




#37
2-Methylnaphthalene
Concen: 33.12 ng
RT: 8.83 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

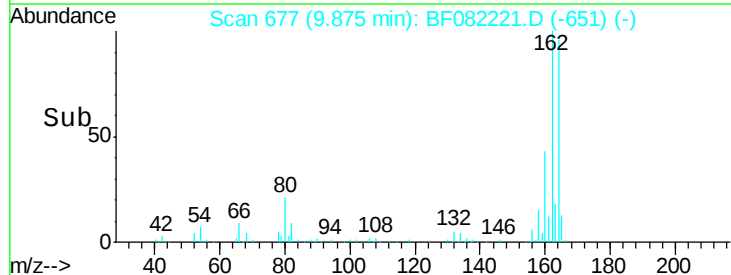
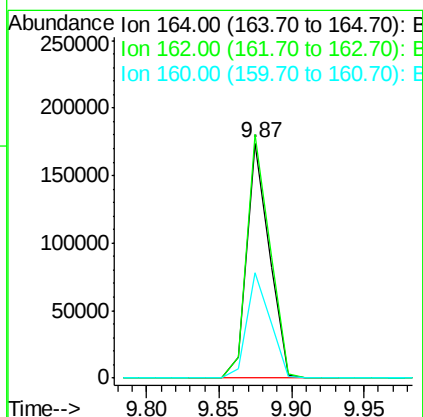
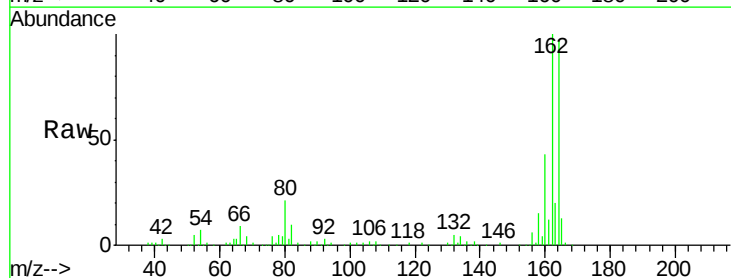
Instrument :
BNA_F
ClientSampleId :
PB86065BS

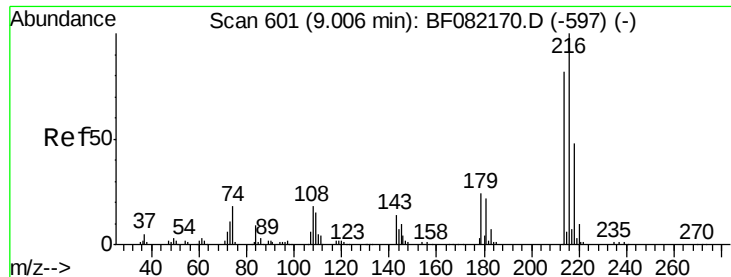
Tot Ion:142 Resp: 367210
Ion Ratio Lower Upper
142 100
141 89.5 70.4 105.6
115 33.4 24.6 37.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Tgt Ion:164 Resp: 188712
Ion Ratio Lower Upper
164 100
162 103.6 81.6 122.4
160 44.9 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.20 ng

RT: 9.01 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86065BS

Tot Ion:216 Resp: 169533

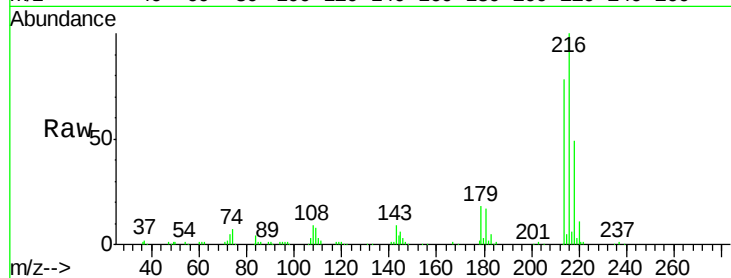
Ion Ratio Lower Upper

216 100

214 79.0 64.6 97.0

179 20.0 17.6 26.4

108 17.4 14.5 21.7

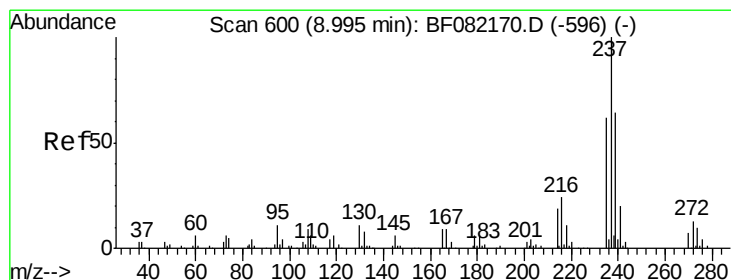
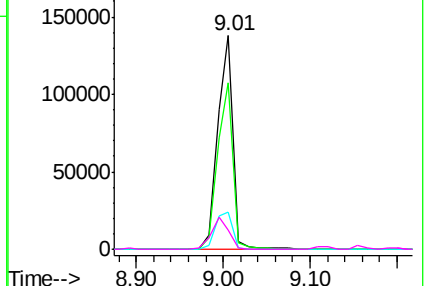
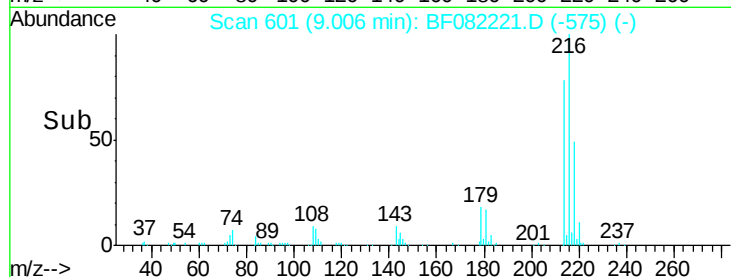


Abundance Ion 216.00 (215.70 to 216.70): E

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: 54.37 ng

RT: 8.98 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

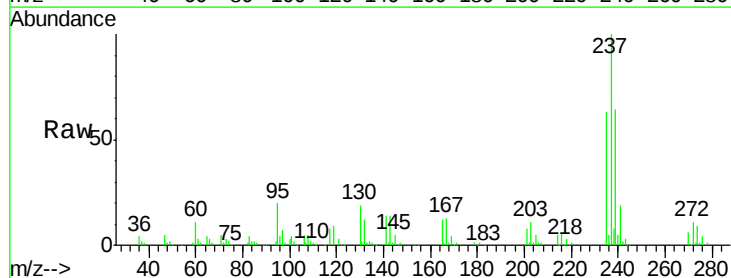
Tgt Ion:237 Resp: 145987

Ion Ratio Lower Upper

237 100

235 63.3 41.7 81.7

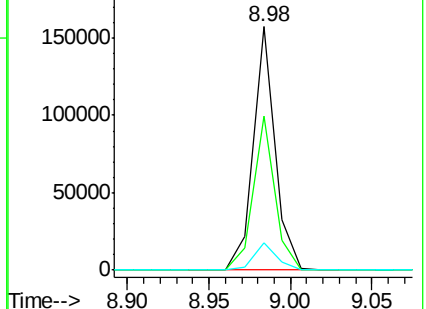
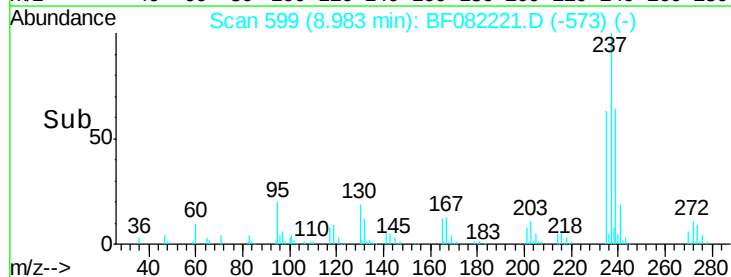
272 11.3 0.0 32.8

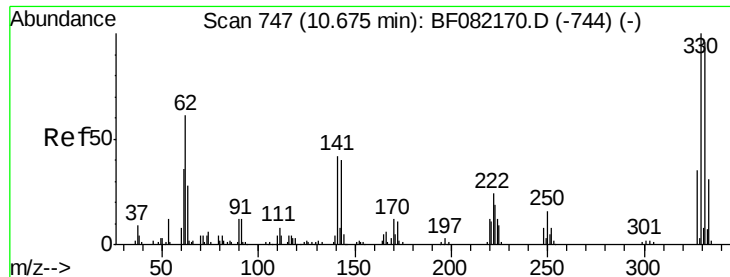


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

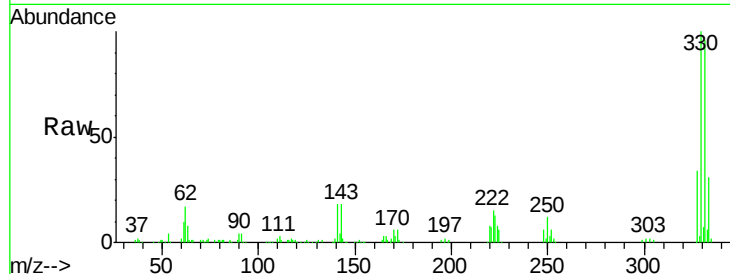




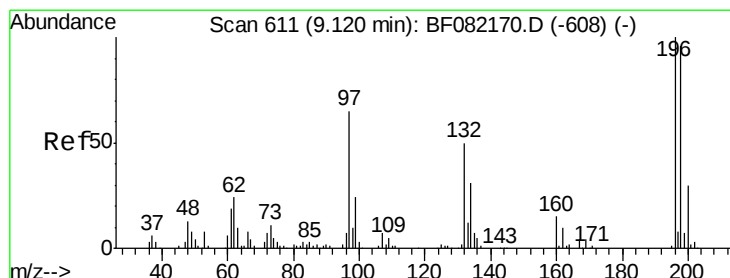
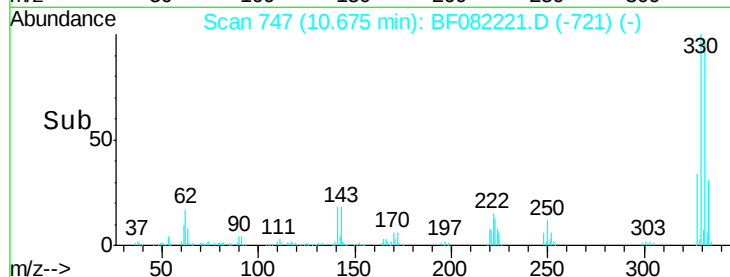
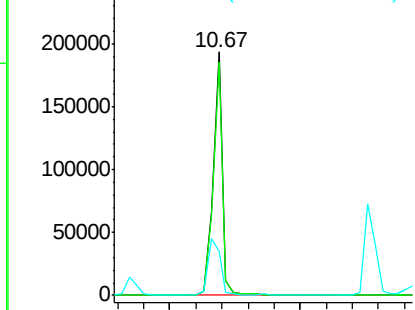
#41
 2,4,6-Tribromophenol
 Concen: 110.94 ng
 RT: 10.67 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF082221.D
 Acq: 12 Oct 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.1	115.7
141	30.9	29.8	44.8

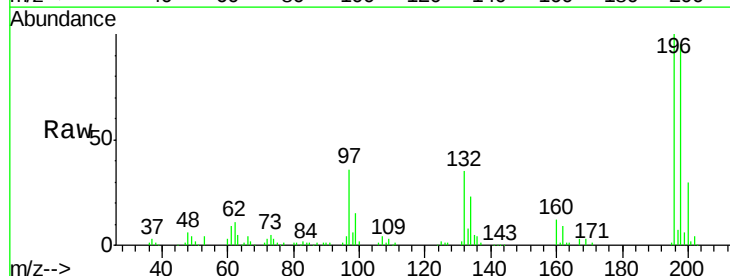


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

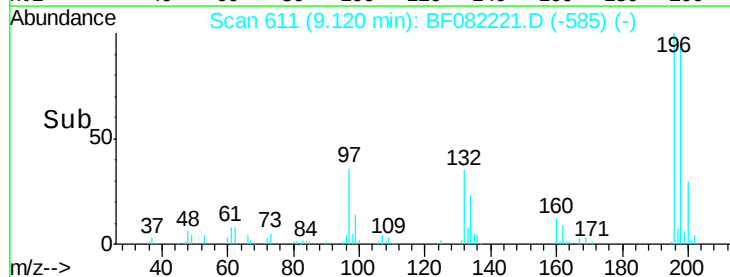
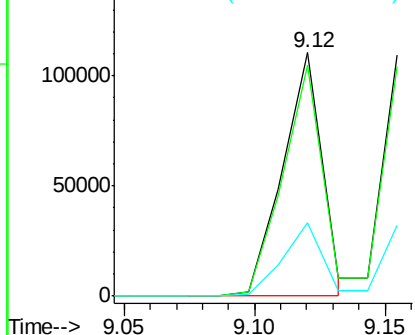


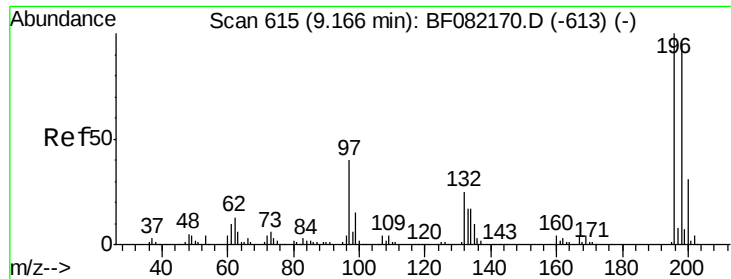
#42
 2,4,6-Trichlorophenol
 Concen: 31.20 ng
 RT: 9.12 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF082221.D
 Acq: 12 Oct 2015 15:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.6	115.0
200	30.2	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

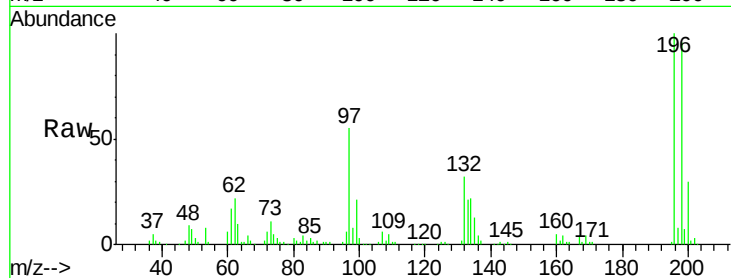




#43
2,4,5-Trichlorophenol
Concen: 31.74 ng
RT: 9.15 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.6	77.0	115.4
97	55.1	31.9	47.9
132	32.0	20.3	30.5



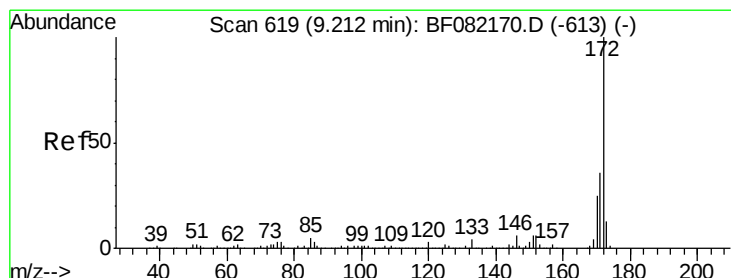
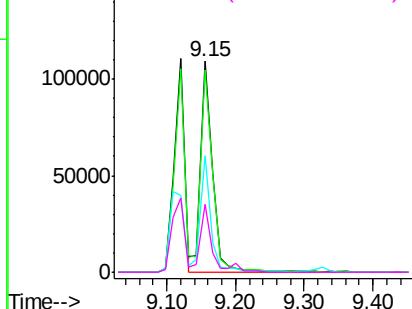
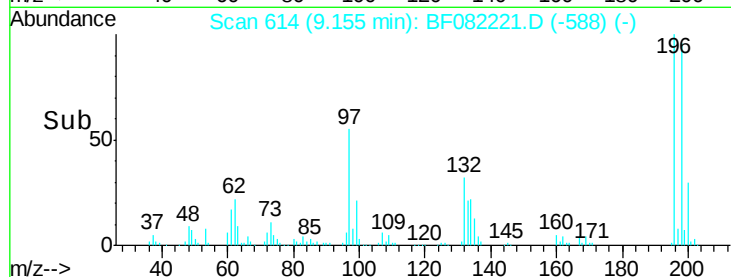
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

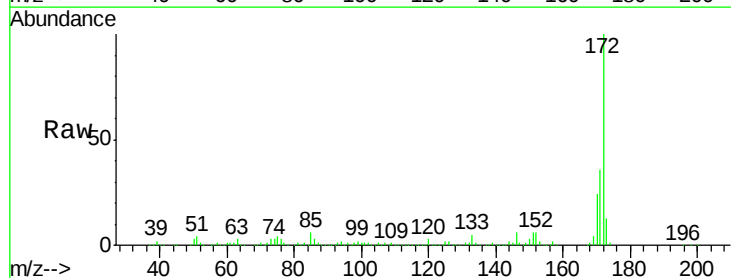
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 67.74 ng
RT: 9.20 min Scan# 618
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	42.8
170	24.3	19.7	29.5

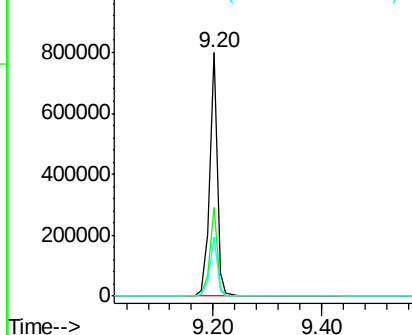
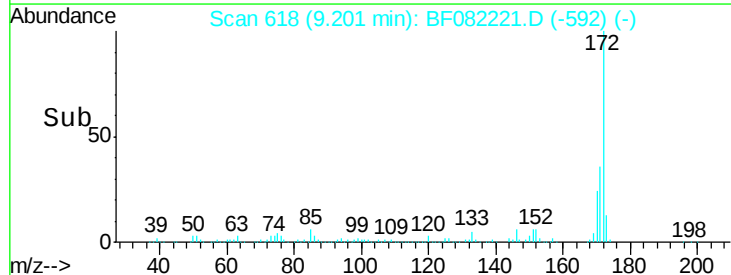


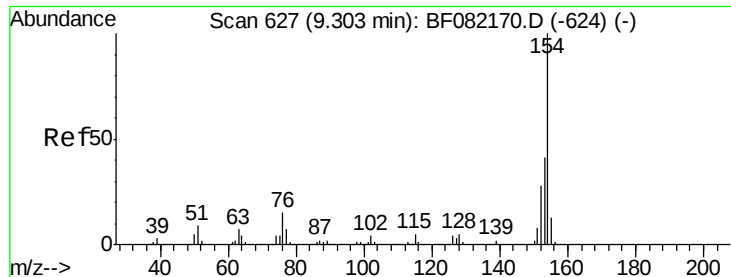
Abundance

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

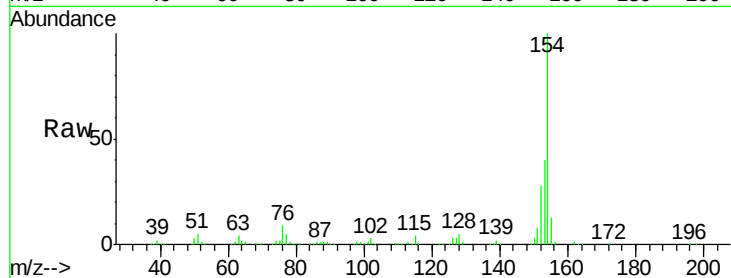




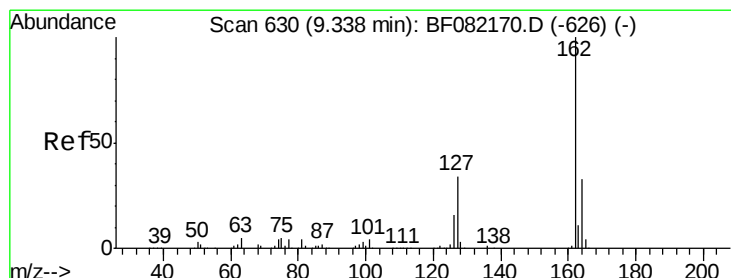
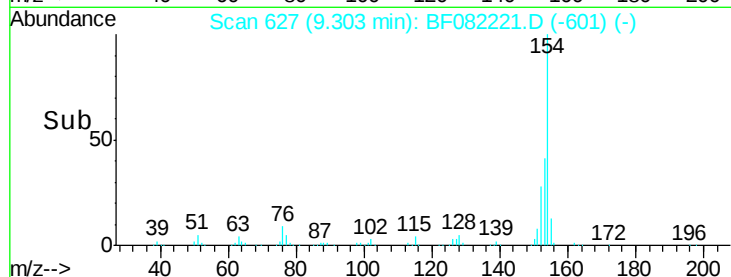
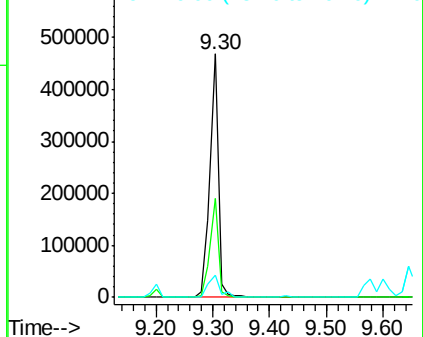
#45
1,1'-Biphenyl
Concen: 32.04 ng
RT: 9.30 min Scan# 627
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion:154 Resp: 461078
Ion Ratio Lower Upper
154 100
153 40.5 20.6 60.6
76 9.3 0.0 35.2

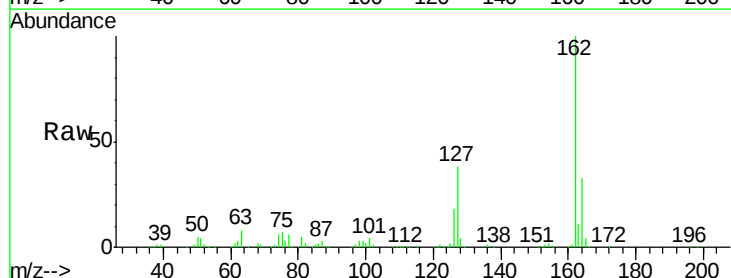


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

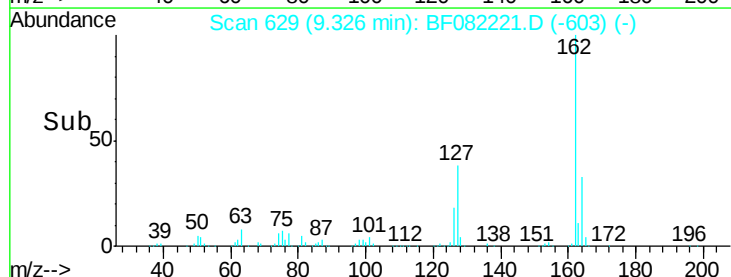
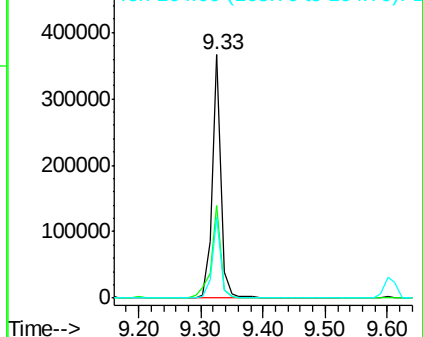


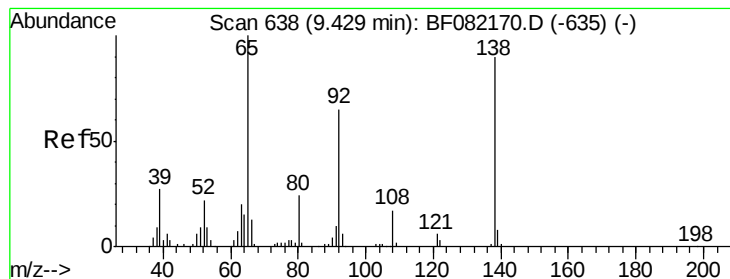
#46
2-Chloronaphthalene
Concen: 31.24 ng
RT: 9.33 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Tgt Ion:162 Resp: 353933
Ion Ratio Lower Upper
162 100
127 38.0 27.5 41.3
164 33.2 26.6 39.8



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 34.47 ng

RT: 9.43 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86065BS

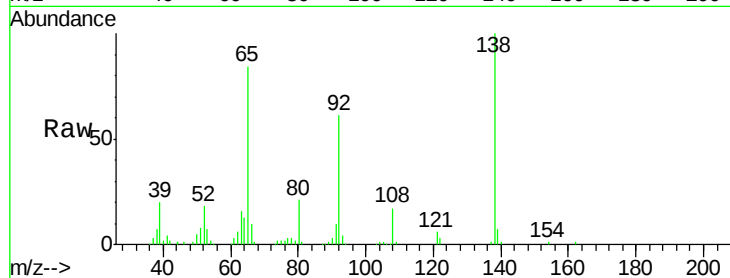
Tot Ion: 65 Resp: 107189

Ion Ratio Lower Upper

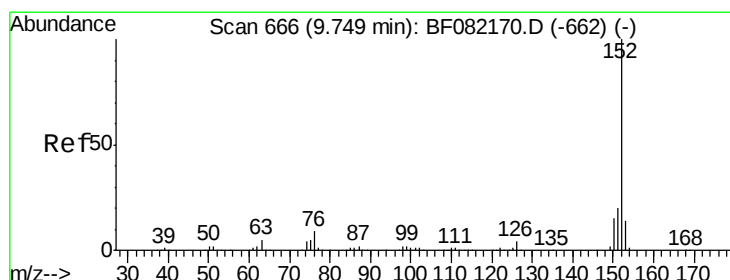
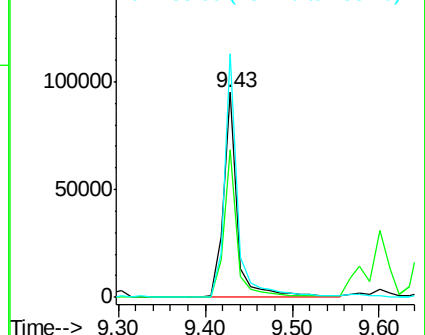
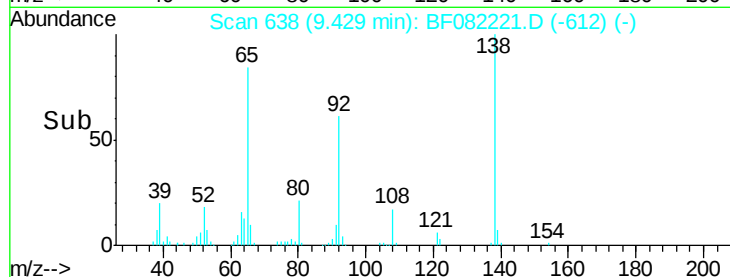
65 100

92 72.2 52.3 78.5

138 119.0 72.2 108.4#



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



#48

Acenaphthylene

Concen: 30.76 ng

RT: 9.74 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

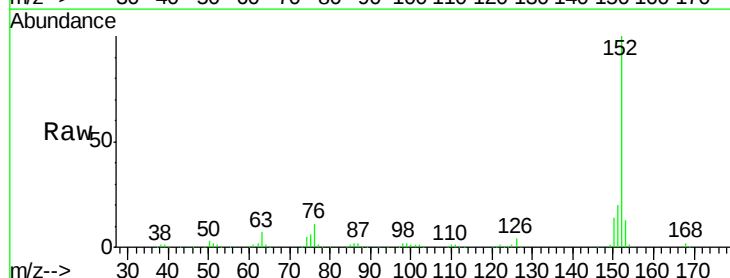
Tgt Ion: 152 Resp: 542766

Ion Ratio Lower Upper

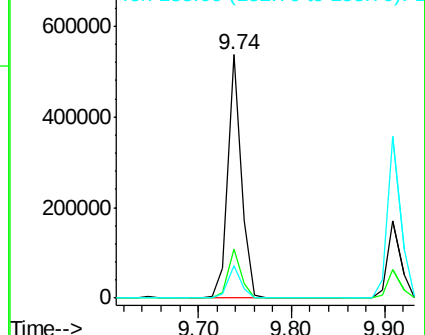
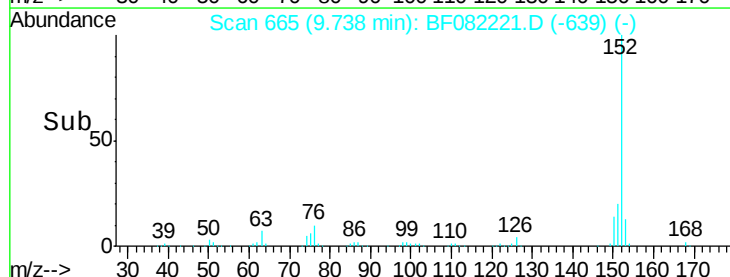
152 100

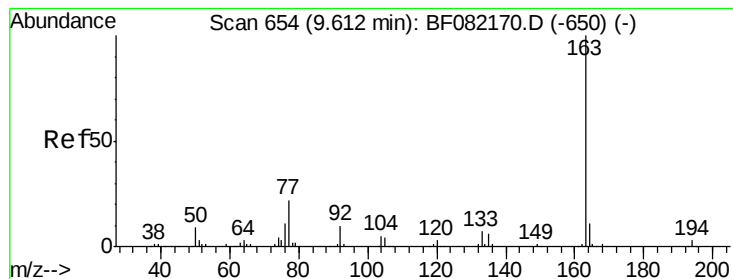
151 20.0 16.4 24.6

153 13.5 10.8 16.2



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





#49

Dimethylphthalate

Concen: 31.30 ng

RT: 9.60 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86065BS

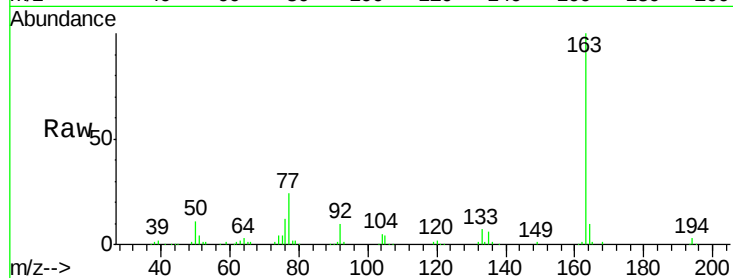
Tot Ion:163 Resp: 415961

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

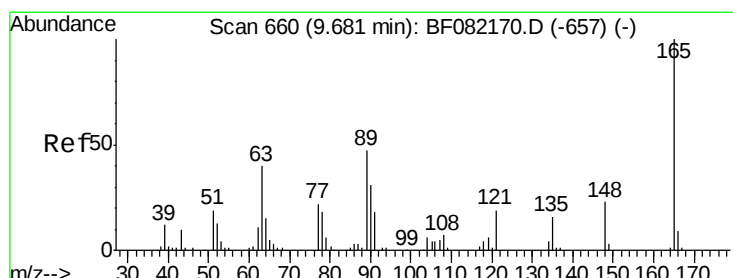
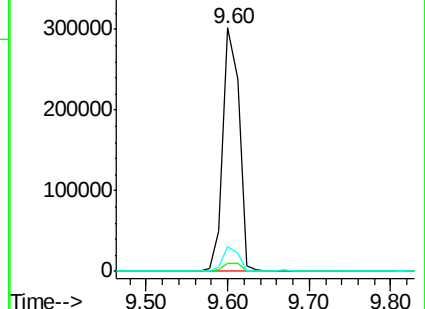
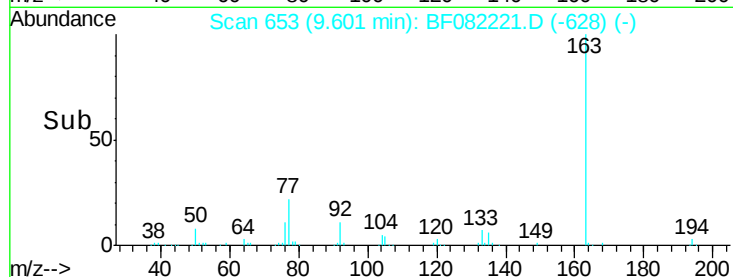
164 10.4 8.5 12.7



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: 31.92 ng

RT: 9.67 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

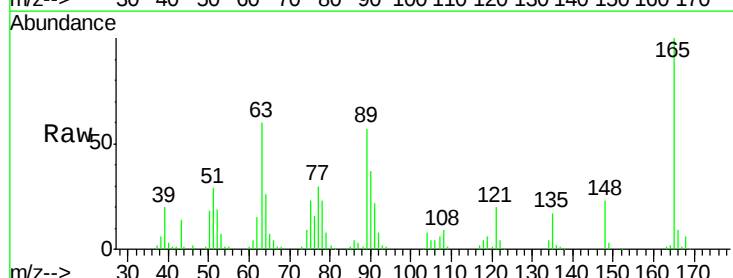
Tgt Ion:165 Resp: 89492

Ion Ratio Lower Upper

165 100

63 59.9 36.7 55.1#

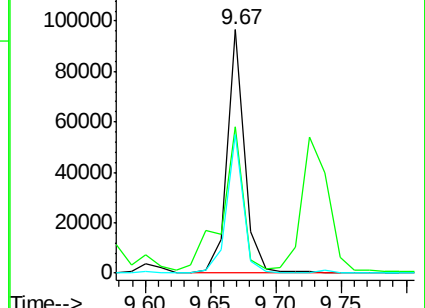
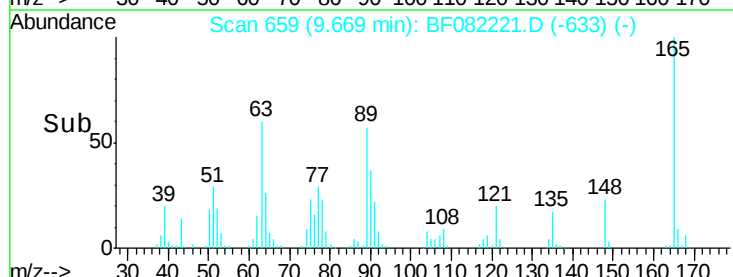
89 56.7 37.8 56.6#

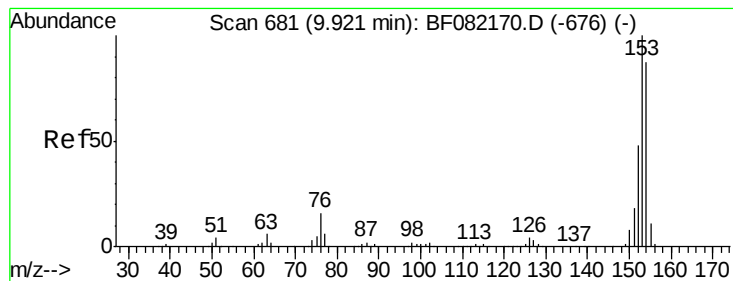


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 34.44 ng

RT: 9.91 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86065BS

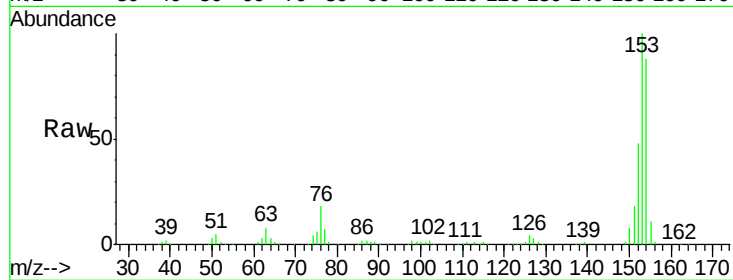
Tot Ion:154 Resp: 364880

Ion Ratio Lower Upper

154 100

153 113.3 91.4 137.2

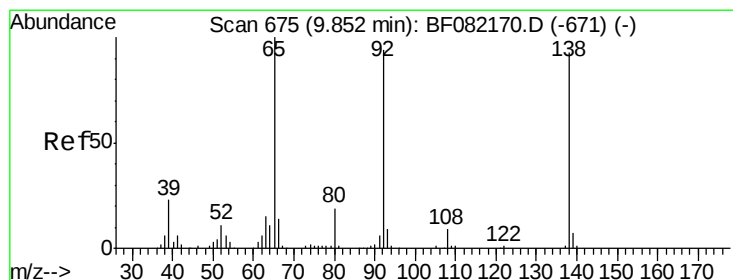
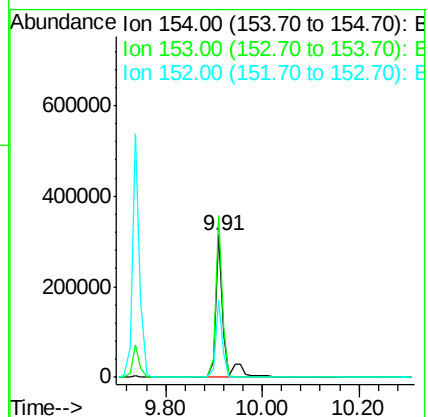
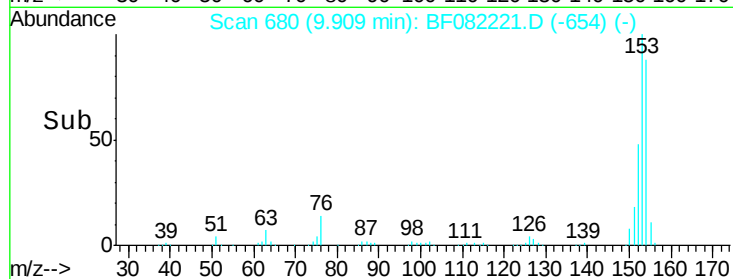
152 53.9 44.3 66.5



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: 16.60 ng

RT: 9.84 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

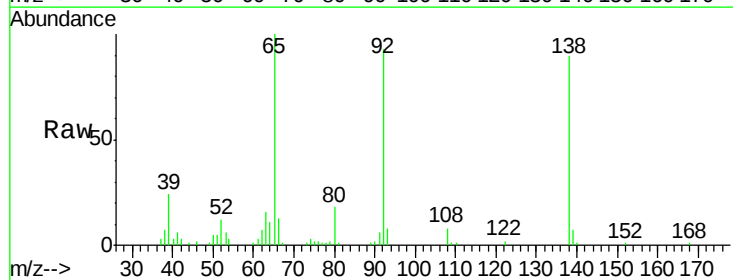
Tgt Ion:138 Resp: 52570

Ion Ratio Lower Upper

138 100

108 8.7 7.4 11.0

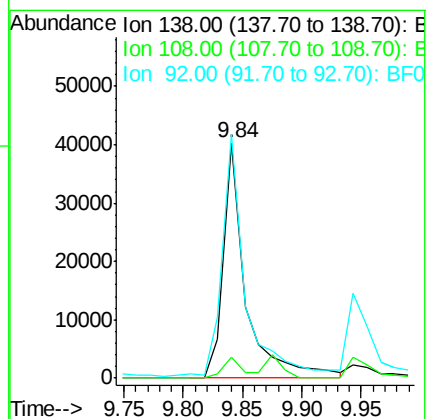
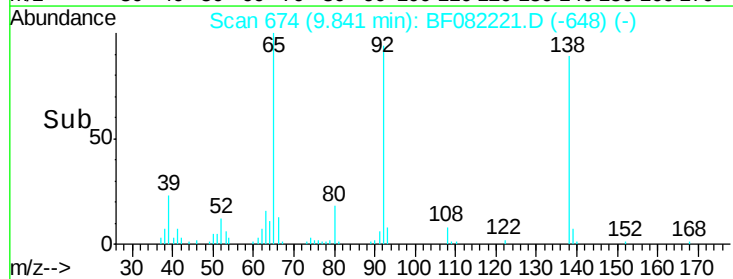
92 103.7 81.3 121.9

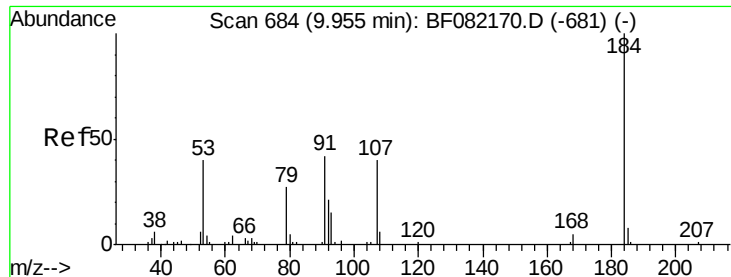


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

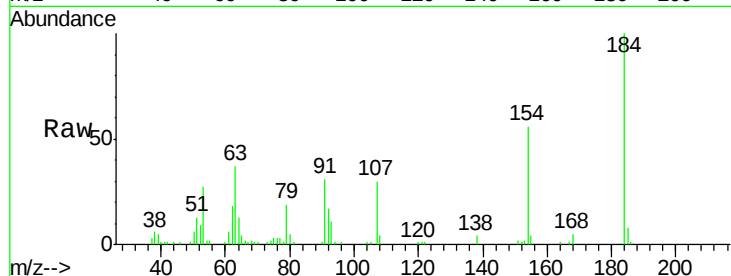




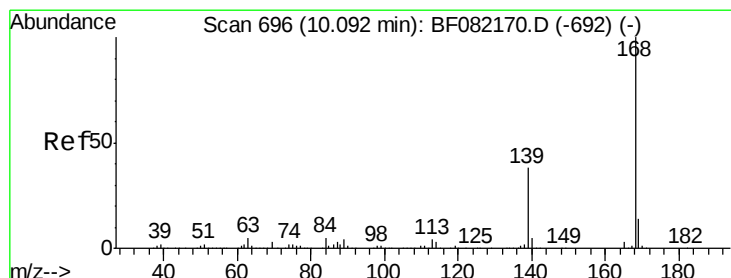
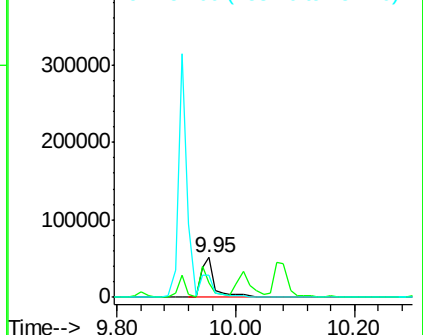
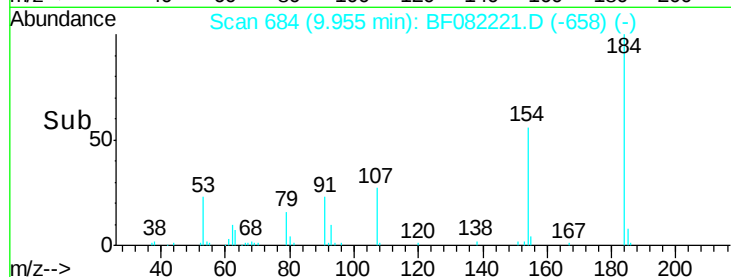
#53
2,4-Dinitrophenol
Concen: 56.36 ng
RT: 9.95 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion:184 Resp: 85090
Ion Ratio Lower Upper
184 100
63 37.5 45.1 67.7#
154 56.1 51.2 76.8

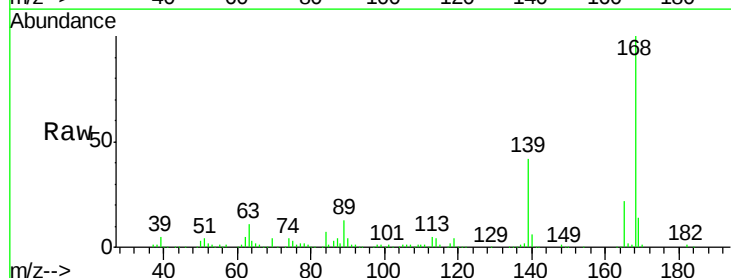


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

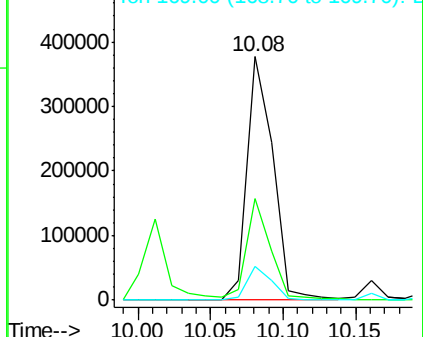
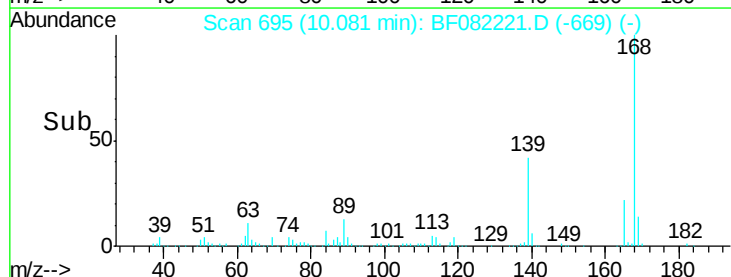


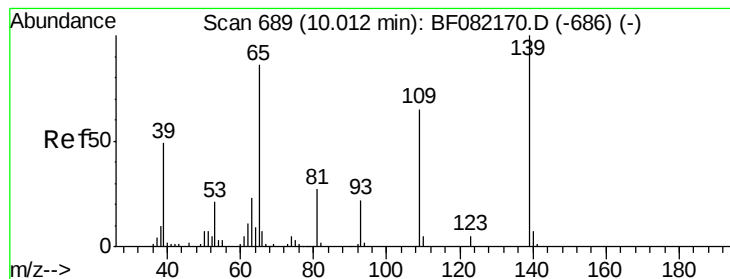
#54
Dibenzofuran
Concen: 32.17 ng
RT: 10.08 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Tgt Ion:168 Resp: 467850
Ion Ratio Lower Upper
168 100
139 41.9 31.0 46.6
169 13.7 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: 69.61 ng

RT: 10.01 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86065BS

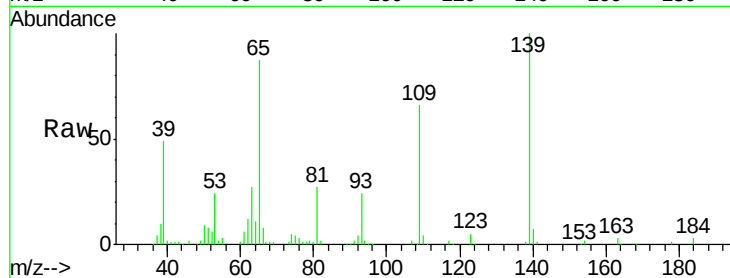
Tot Ion:139 Resp: 144398

Ion Ratio Lower Upper

139 100

109 65.9 44.8 84.8

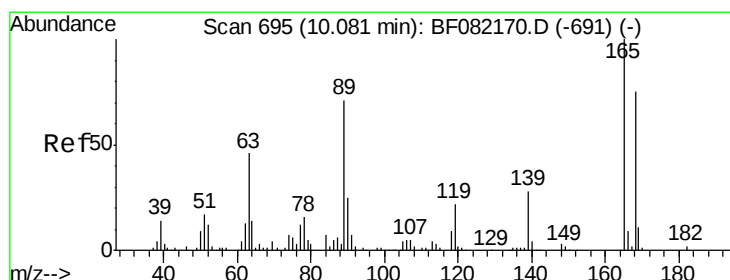
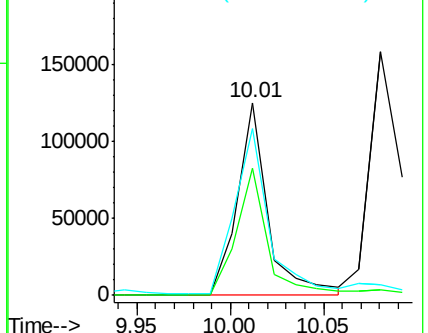
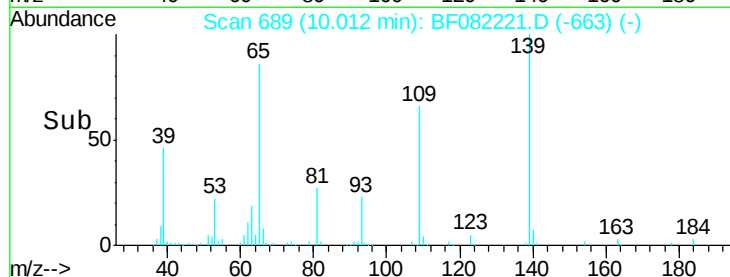
65 86.7 67.7 107.7



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: 35.10 ng

RT: 10.08 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Tgt Ion:165 Resp: 123022

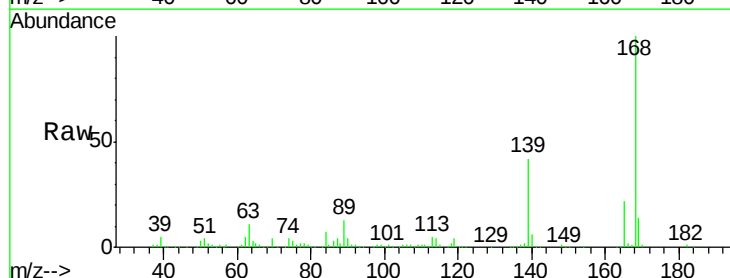
Ion Ratio Lower Upper

165 100

63 51.4 38.6 58.0

89 57.4 57.0 85.6

182 2.3 1.8 2.6

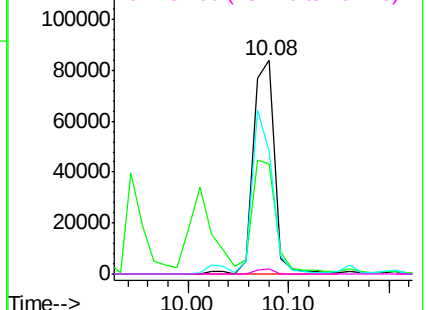
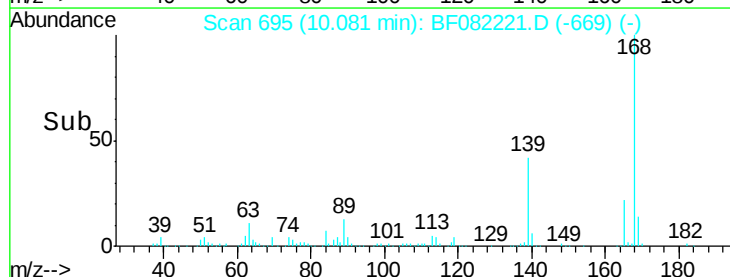


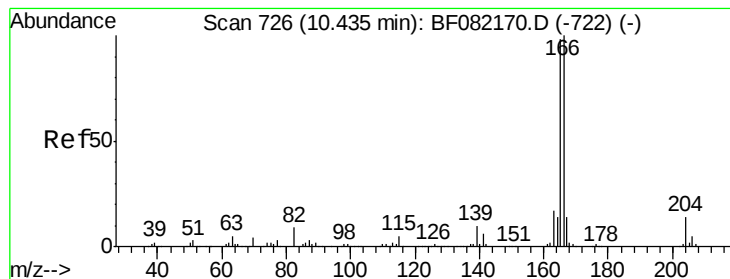
Abundance Ion 165.00 (164.70 to 165.70): E

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: 31.79 ng

RT: 10.42 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86065BS

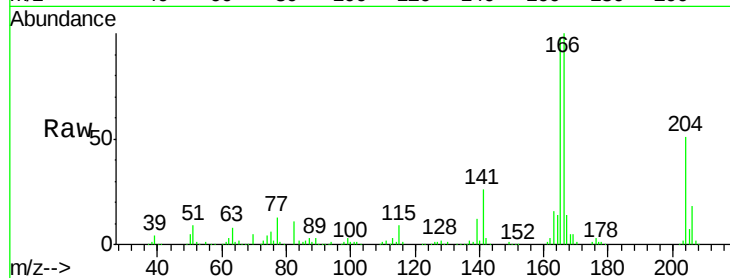
Tot Ion:166 Resp: 379710

Ion Ratio Lower Upper

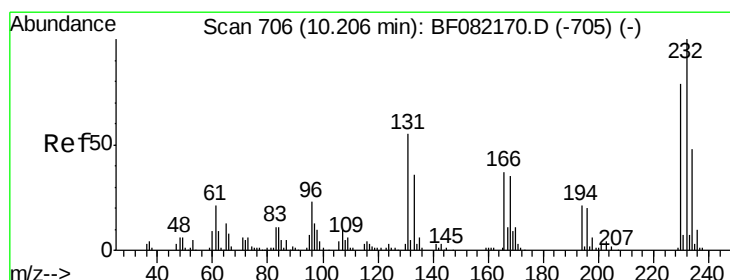
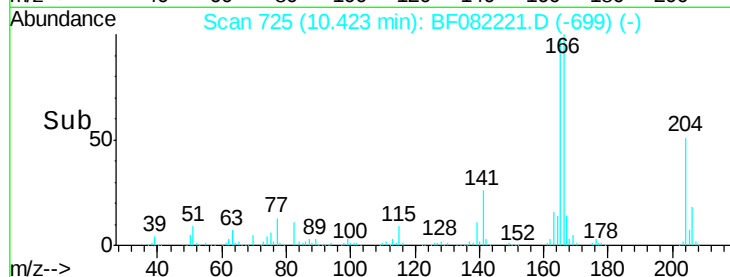
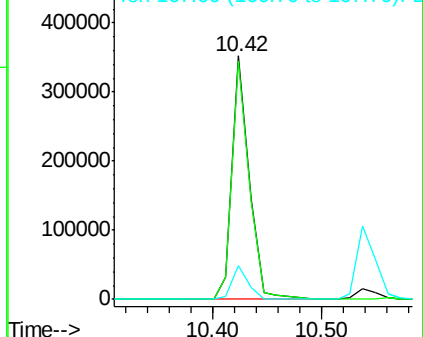
166 100

165 97.8 78.3 117.5

167 13.7 10.8 16.2



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.86 ng

RT: 10.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Tgt Ion:232 Resp: 115037

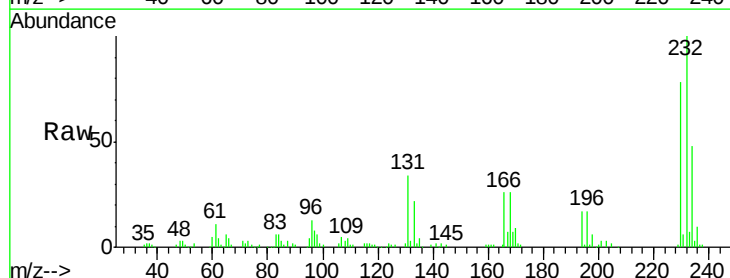
Ion Ratio Lower Upper

232 100

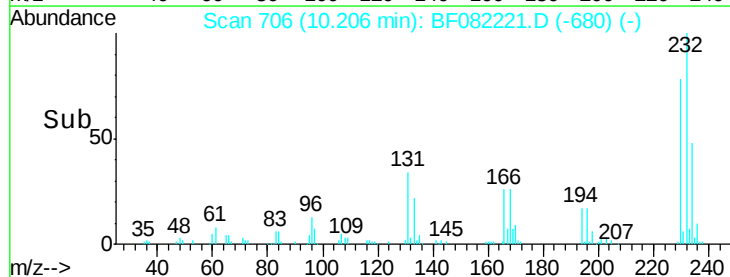
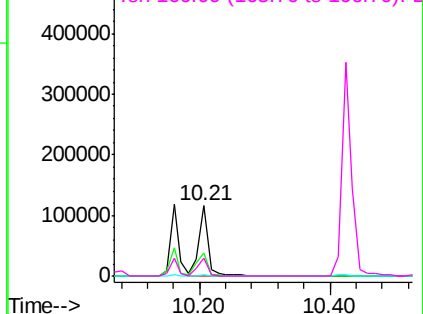
131 39.3 36.6 54.8

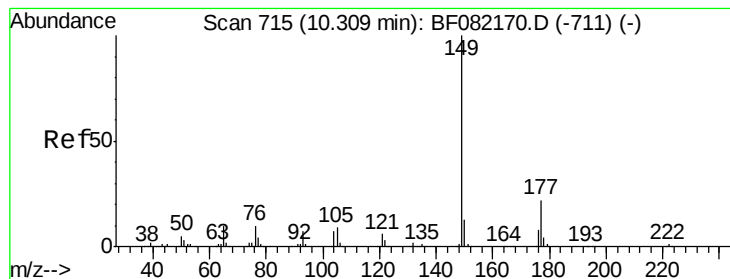
130 1.7 1.5 2.3

166 28.1 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: 33.62 ng

RT: 10.31 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86065BS

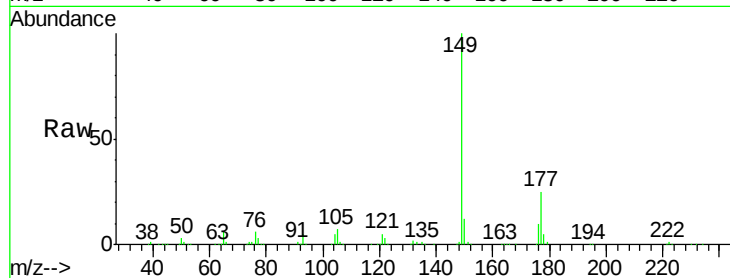
Tot Ion:149 Resp: 416448

Ion Ratio Lower Upper

149 100

177 24.8 17.6 26.4

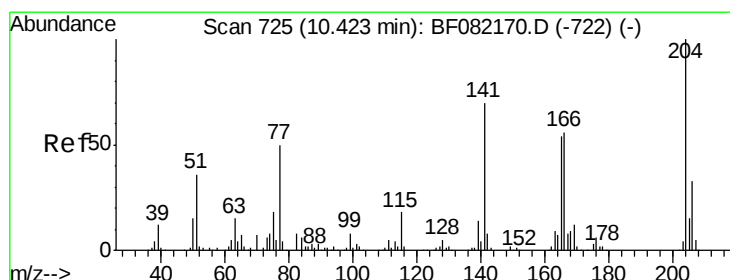
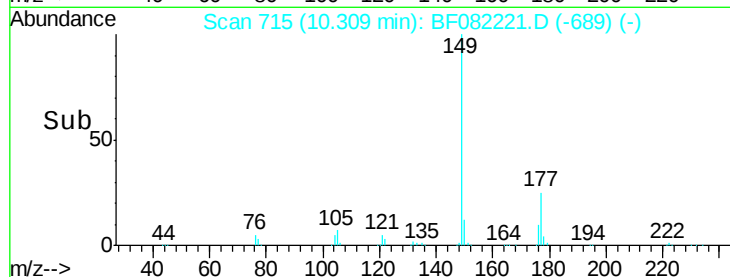
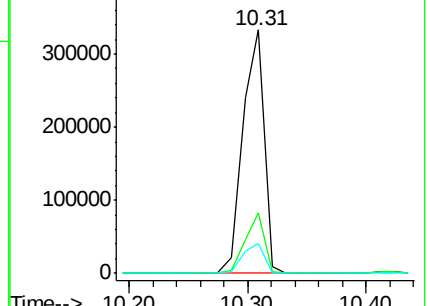
150 12.1 10.3 15.5



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: 34.70 ng

RT: 10.42 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

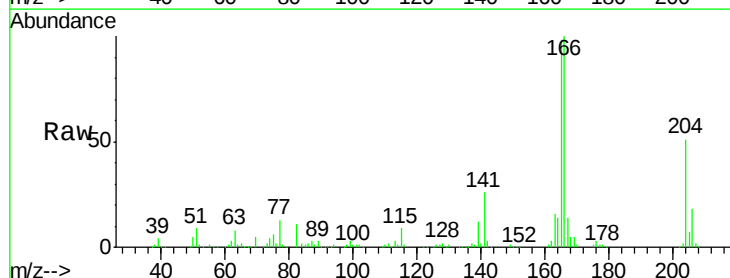
Tgt Ion:204 Resp: 189878

Ion Ratio Lower Upper

204 100

206 34.7 26.8 40.2

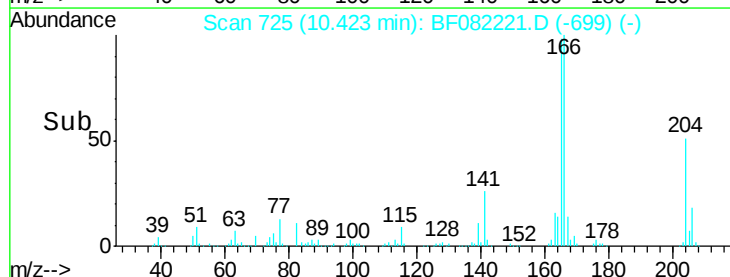
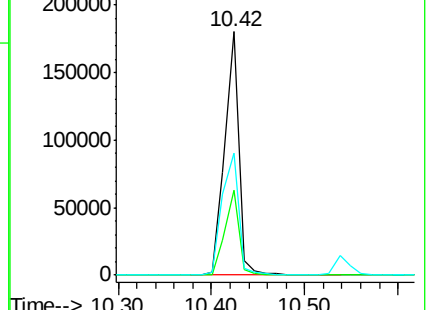
141 50.3 56.1 84.1#

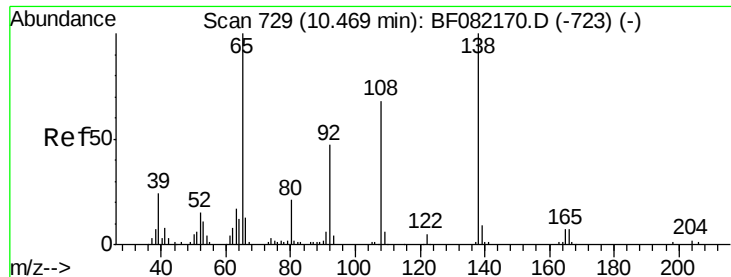


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

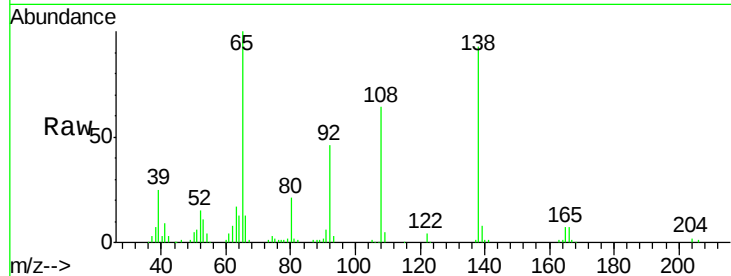




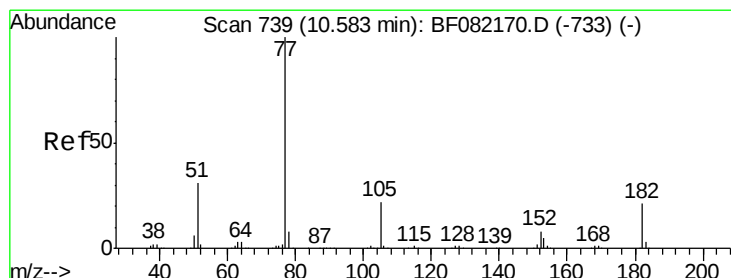
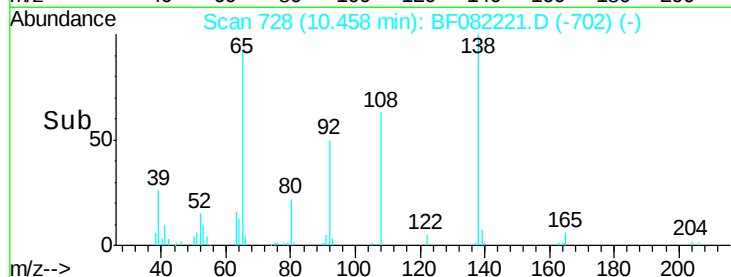
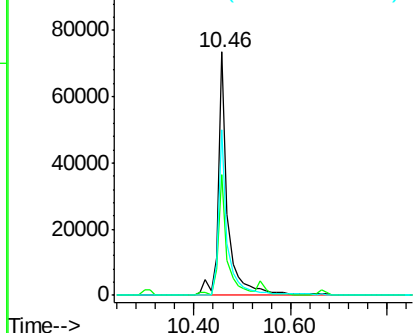
#61
4-Nitroaniline
Concen: 33.46 ng
RT: 10.46 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion:138 Resp: 102799
Ion Ratio Lower Upper
138 100
92 49.6 26.8 66.8
108 68.3 48.4 88.4

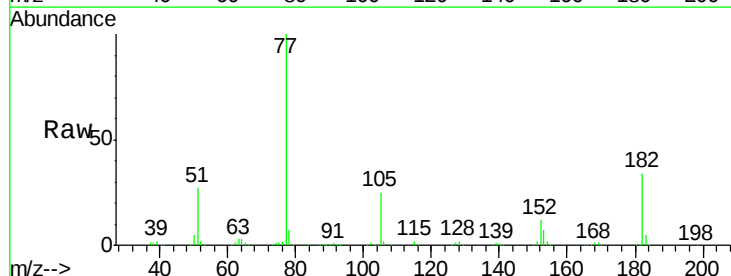


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

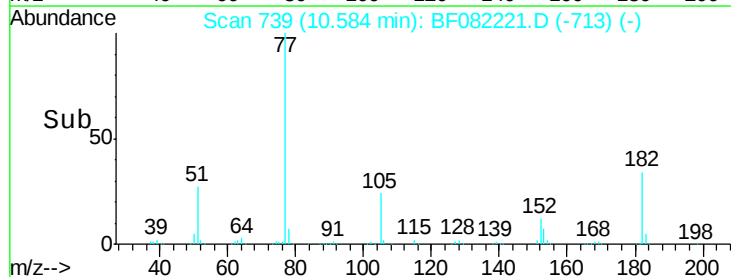
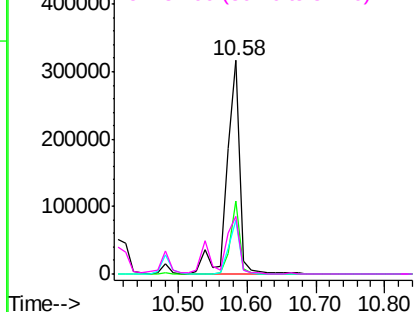


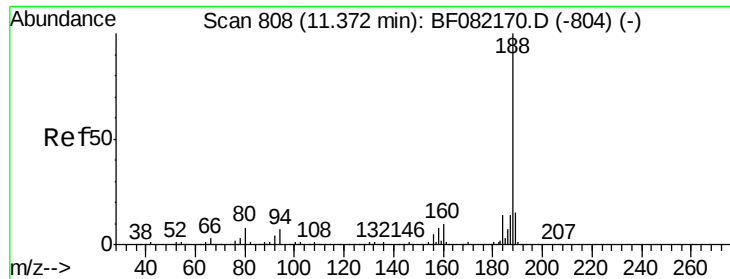
#62
Azobenzene
Concen: 33.74 ng
RT: 10.58 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Tgt Ion: 77 Resp: 409056
Ion Ratio Lower Upper
77 100
182 34.1 0.5 40.5
105 24.9 1.8 41.8
51 27.2 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: BF082221.D

Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86065BS

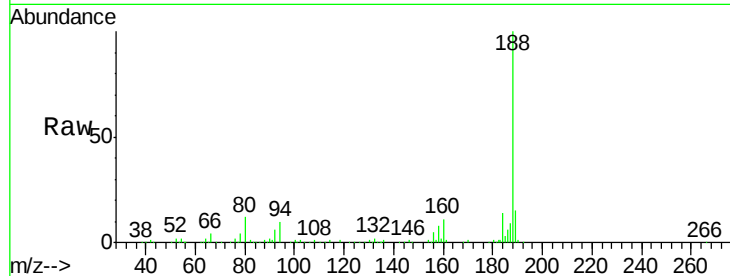
Tot Ion:188 Resp: 384518

Ion Ratio Lower Upper

188 100

94 10.5 5.8 8.6#

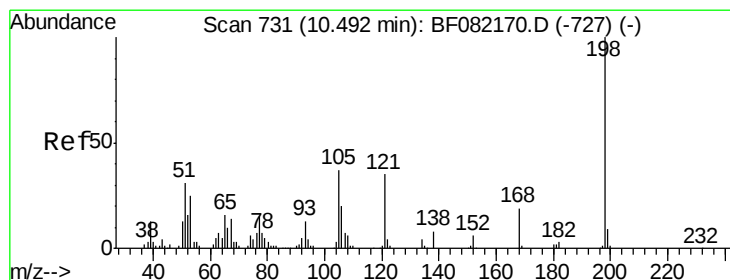
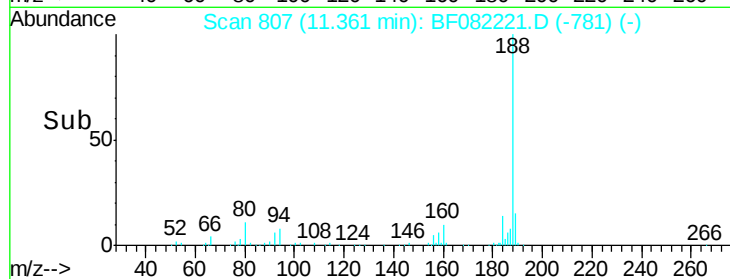
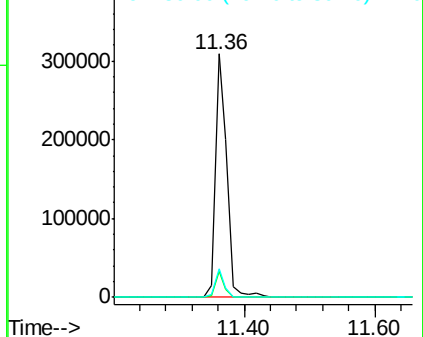
80 11.7 6.4 9.6#



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: 29.43 ng

RT: 10.48 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

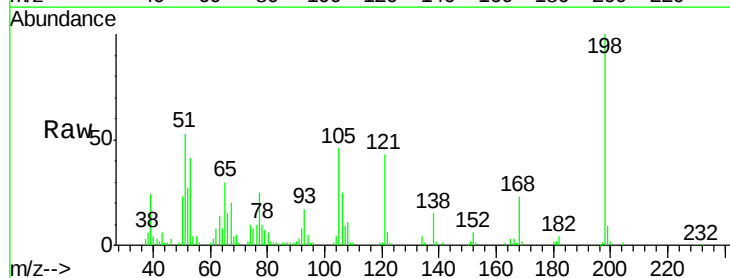
Tgt Ion:198 Resp: 63511

Ion Ratio Lower Upper

198 100

51 53.1 13.6 53.6

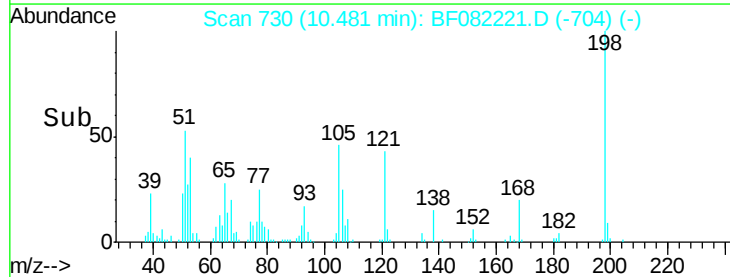
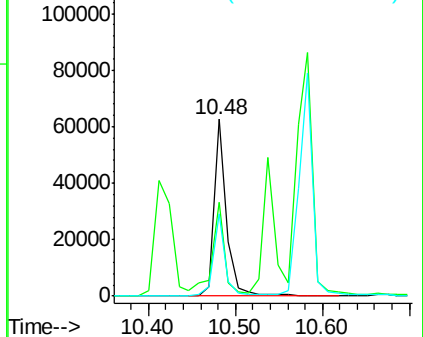
105 46.4 17.1 57.1

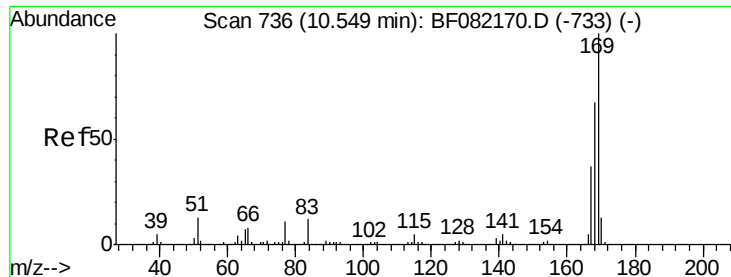


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 30.02 ng

RT: 10.54 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86065BS

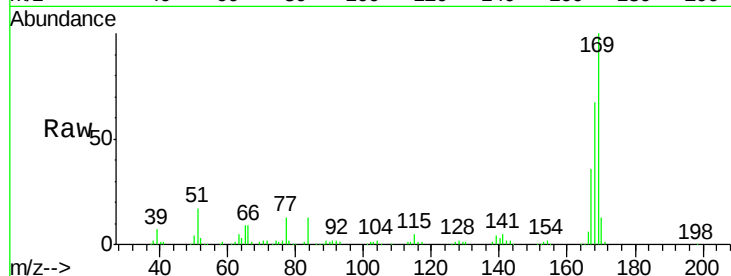
Tot Ion:169 Resp: 345624

Ion Ratio Lower Upper

169 100

168 66.7 54.0 81.0

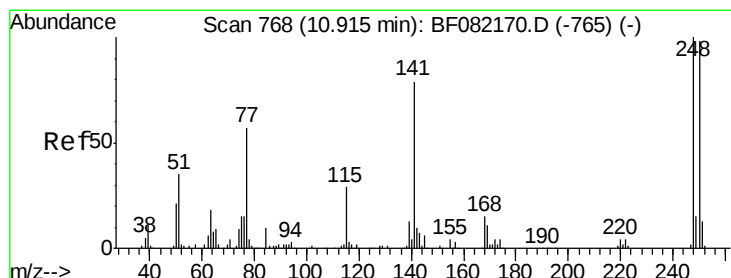
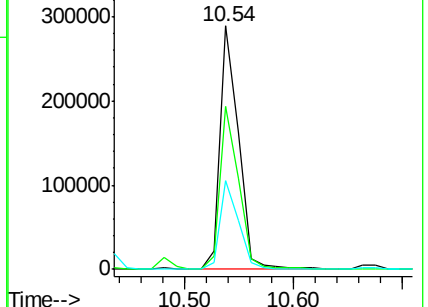
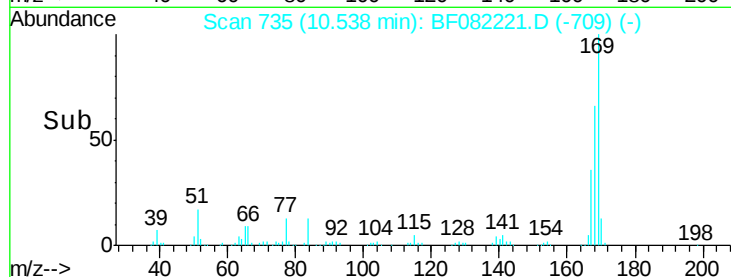
167 36.5 29.6 44.4



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: 30.25 ng

RT: 10.91 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

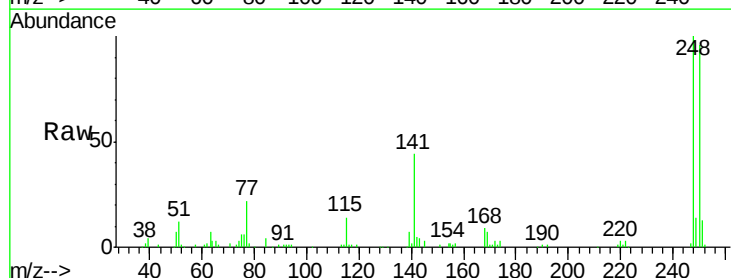
Tgt Ion:248 Resp: 116425

Ion Ratio Lower Upper

248 100

250 96.3 78.6 117.8

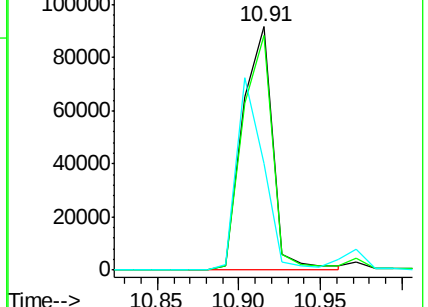
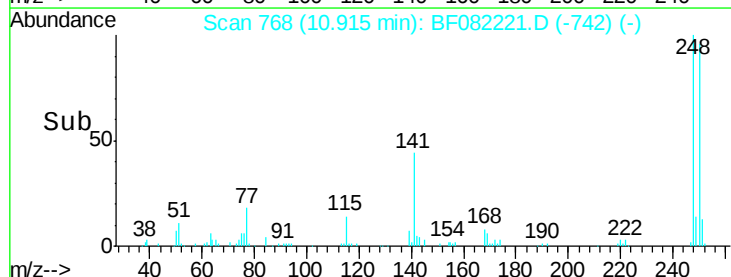
141 43.9 63.3 94.9#

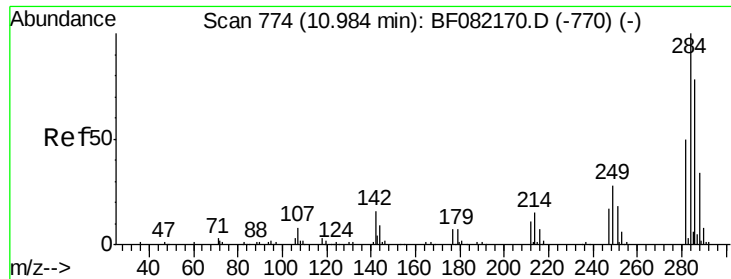


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

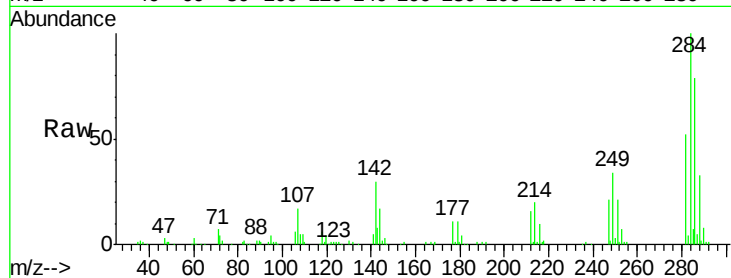




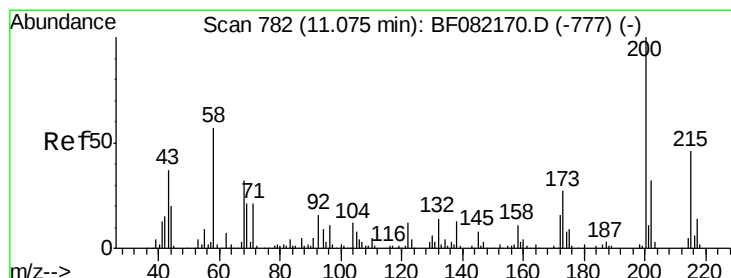
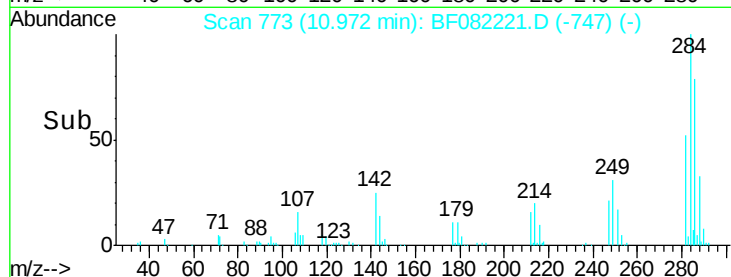
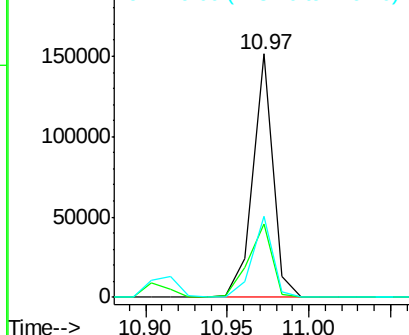
#67
Hexachlorobenzene
Concen: 31.33 ng
RT: 10.97 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	30.1	13.0	19.6#
249	33.5	22.5	33.7

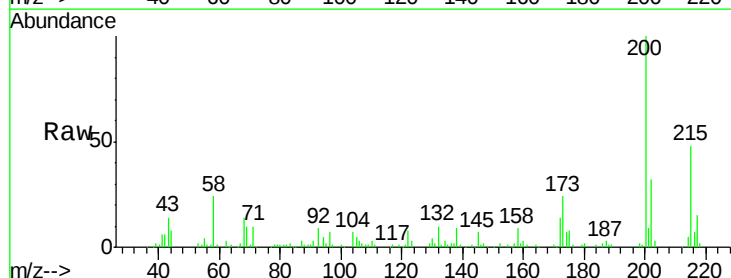


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

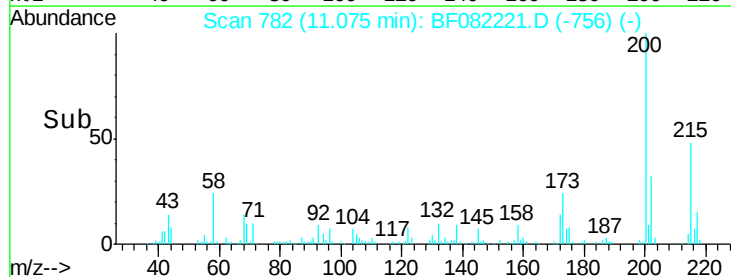
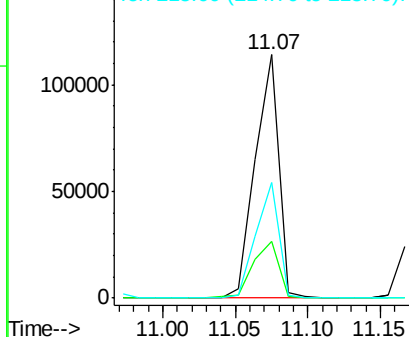


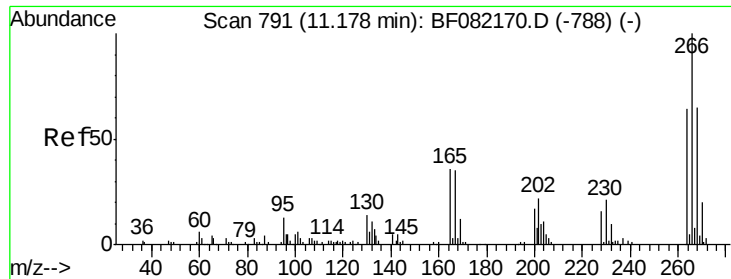
#68
Atrazine
Concen: 35.22 ng
RT: 11.07 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.5	7.3	47.3
215	47.7	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

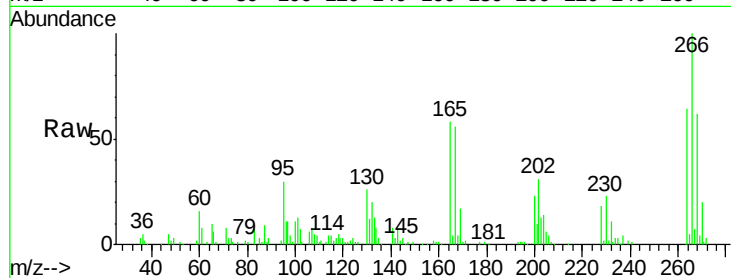




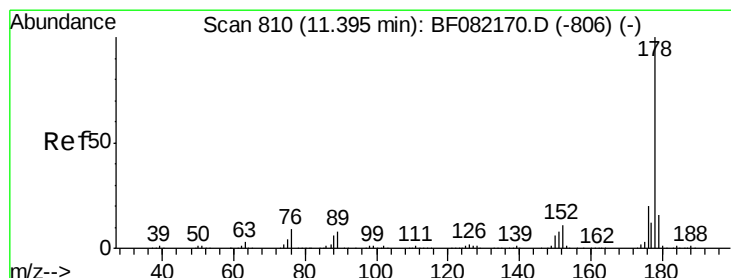
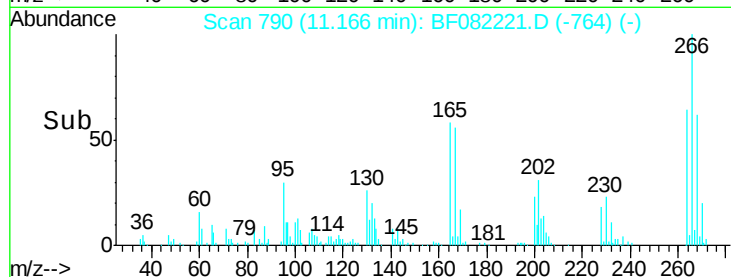
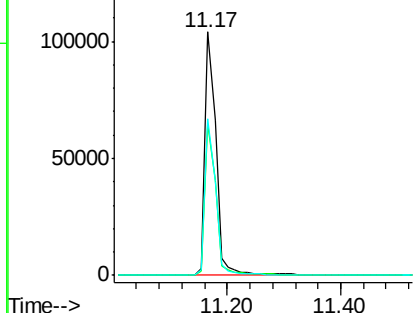
#69
 Pentachlorophenol
 Concen: 62.54 ng
 RT: 11.17 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF082221.D
 Acq: 12 Oct 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

Tot Ion:266 Resp: 133933
 Ion Ratio Lower Upper
 266 100
 268 62.3 52.0 78.0
 264 64.2 51.4 77.0

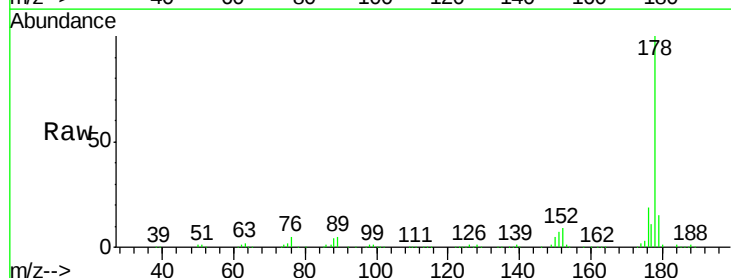


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

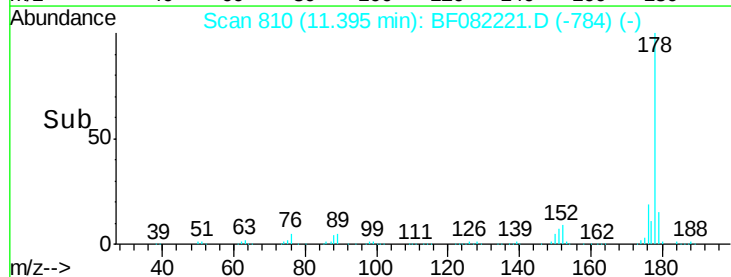
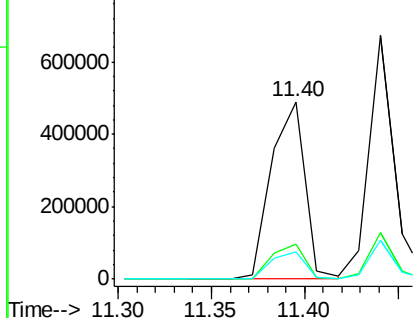


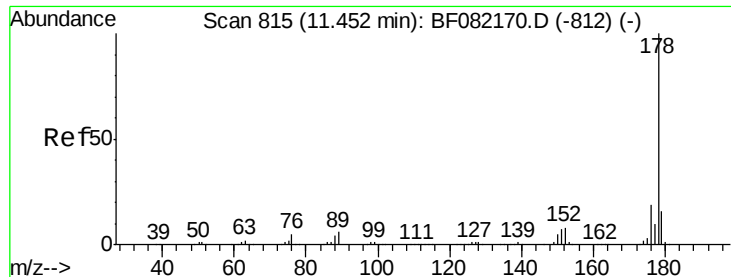
#70
 Phenanthrene
 Concen: 32.68 ng
 RT: 11.40 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF082221.D
 Acq: 12 Oct 2015 15:31

Tgt Ion:178 Resp: 615904
 Ion Ratio Lower Upper
 178 100
 176 19.3 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

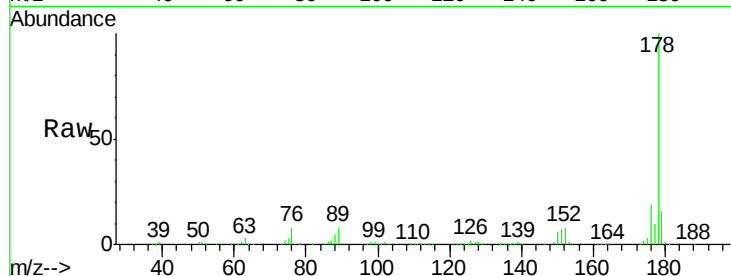




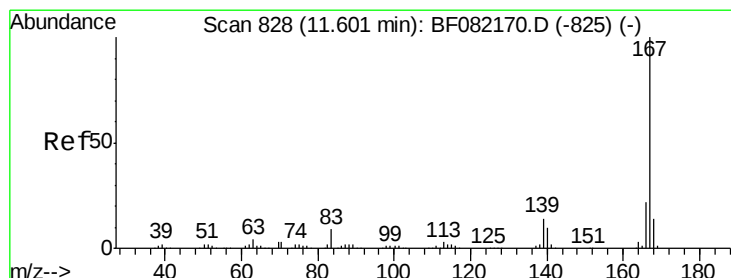
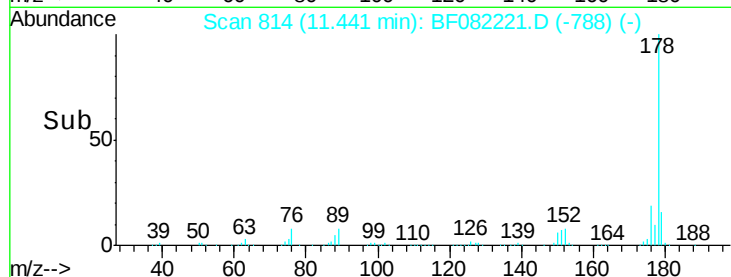
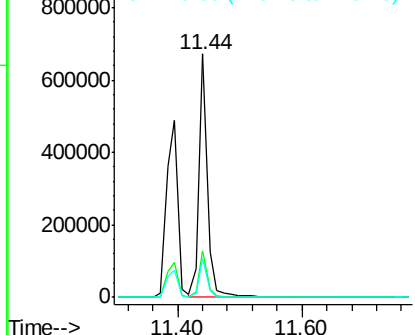
#71
 Anthracene
 Concen: 33.05 ng
 RT: 11.44 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF082221.D
 Acq: 12 Oct 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

Tot Ion:178 Resp: 641918
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.0
 179 15.9 12.5 18.7

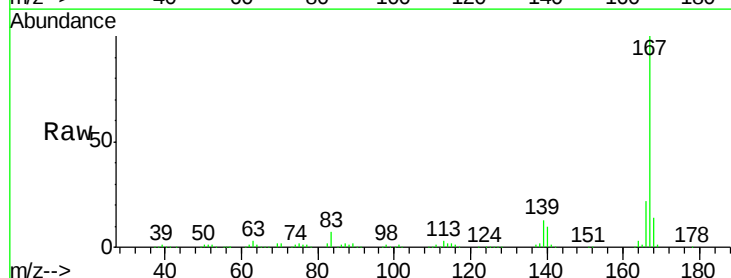


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

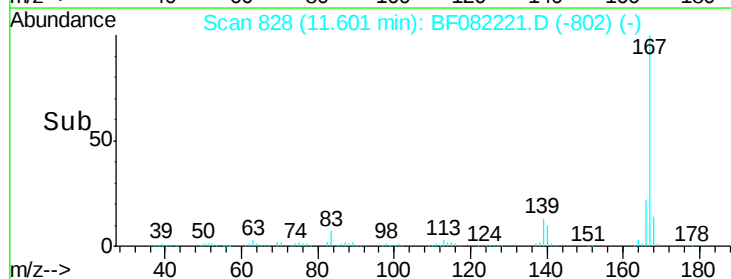
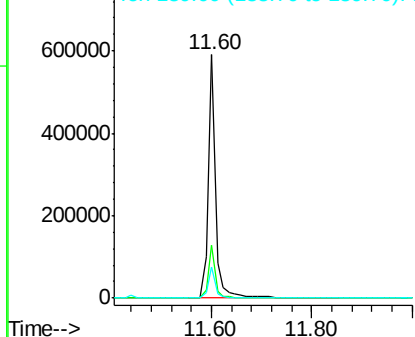


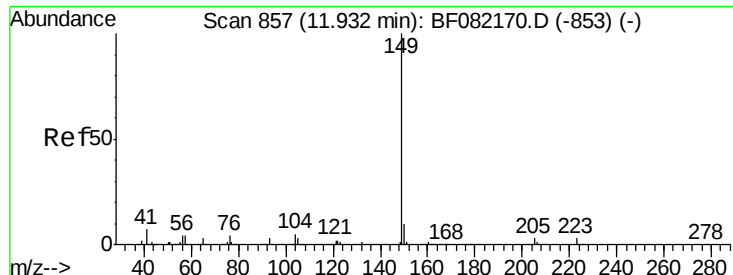
#72
 Carbazole
 Concen: 33.73 ng
 RT: 11.60 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF082221.D
 Acq: 12 Oct 2015 15:31

Tgt Ion:167 Resp: 597601
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.3 25.9
 139 12.9 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: 31.20 ng

RT: 11.93 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86065BS

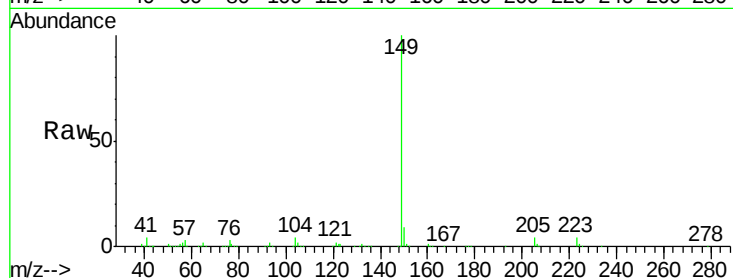
Tot Ion:149 Resp: 681820

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

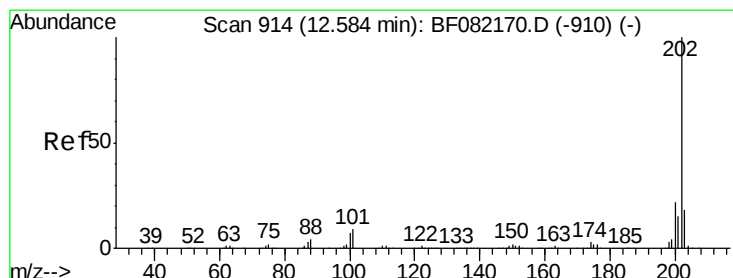
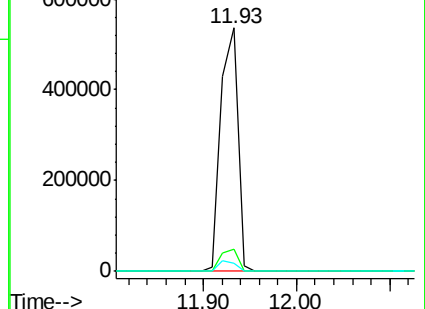
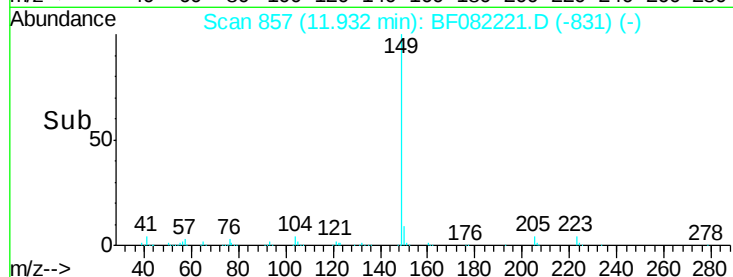
104 3.6 3.8 5.8#



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: 32.26 ng

RT: 12.57 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

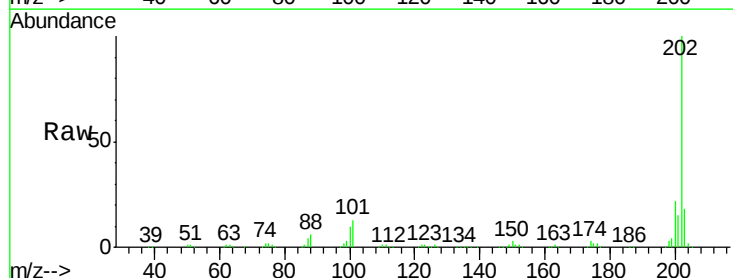
Tgt Ion:202 Resp: 652944

Ion Ratio Lower Upper

202 100

101 12.9 0.0 29.3

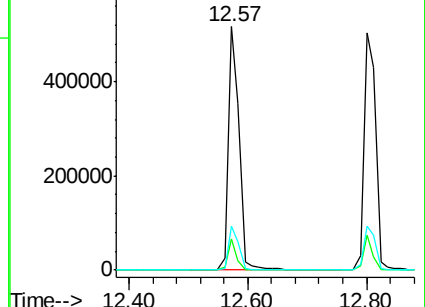
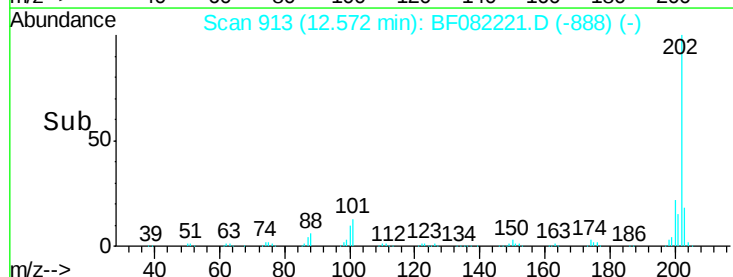
203 18.2 0.0 37.8

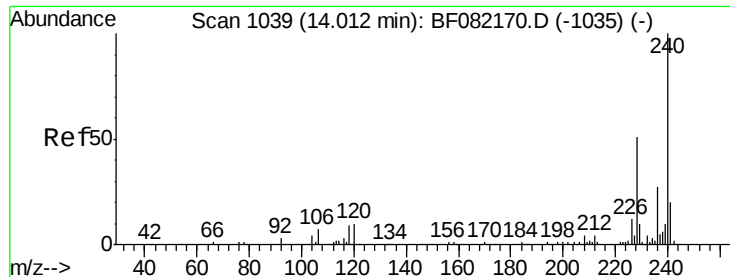


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF082221.D

Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86065BS

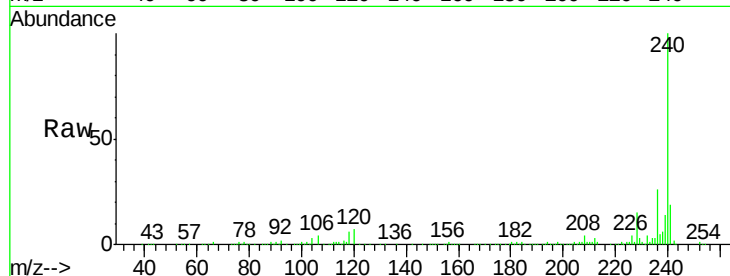
Tot Ion:240 Resp: 380248

Ion Ratio Lower Upper

240 100

120 6.6 8.1 12.1#

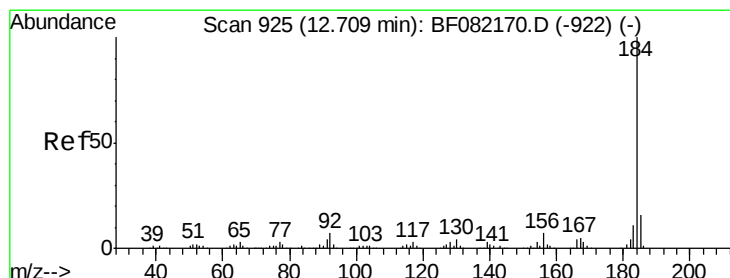
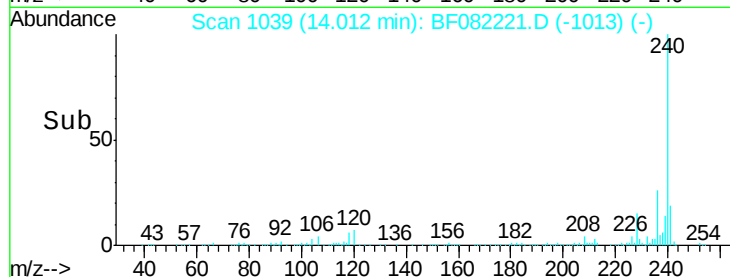
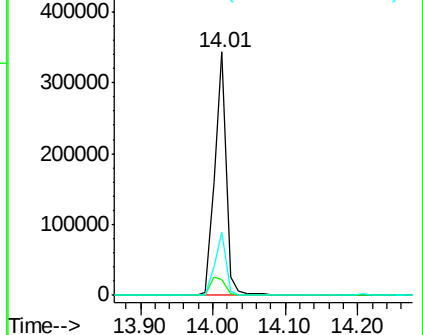
236 26.0 21.3 31.9



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: 32.09 ng

RT: 12.71 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

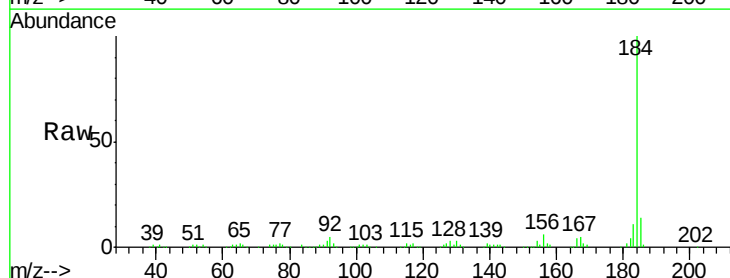
Tgt Ion:184 Resp: 353618

Ion Ratio Lower Upper

184 100

185 14.2 12.5 18.7

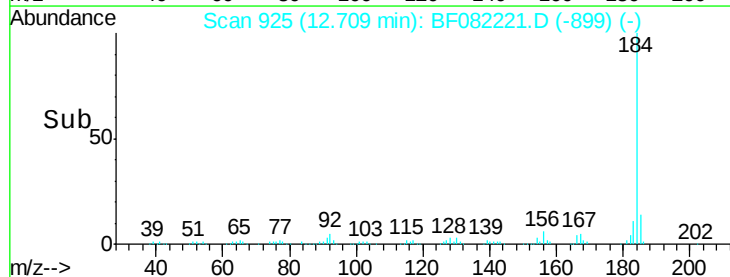
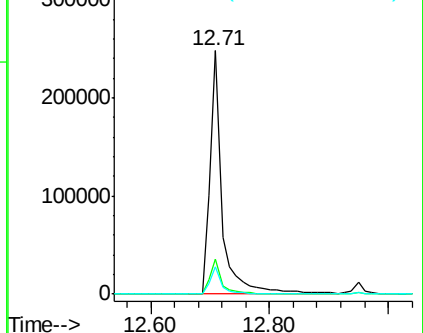
183 11.2 9.1 13.7

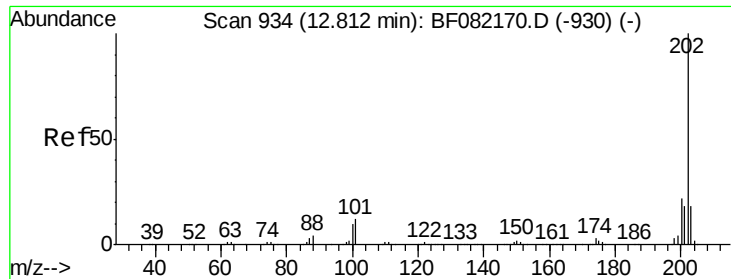


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

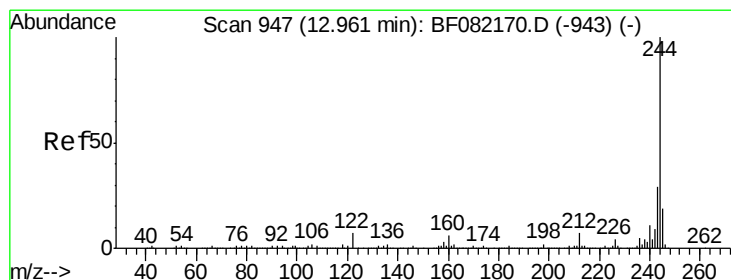
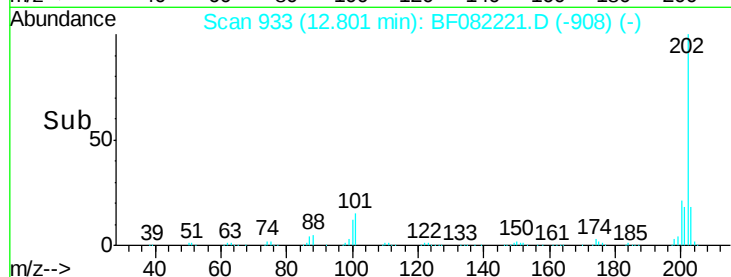
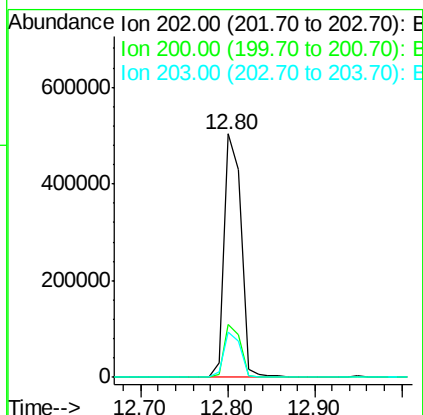
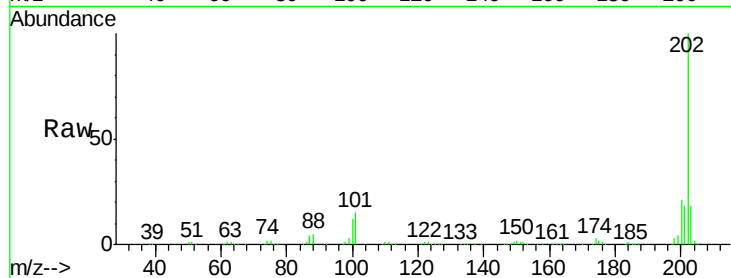




#77
Pvrene
Concen: 30.24 ng
RT: 12.80 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

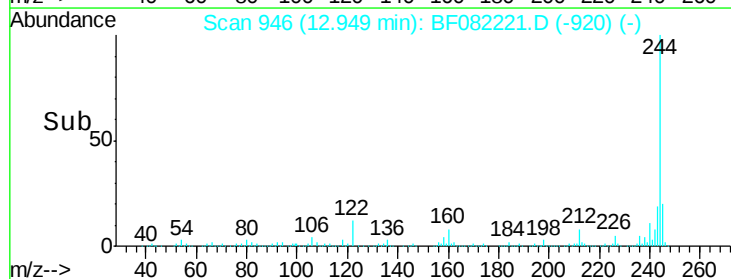
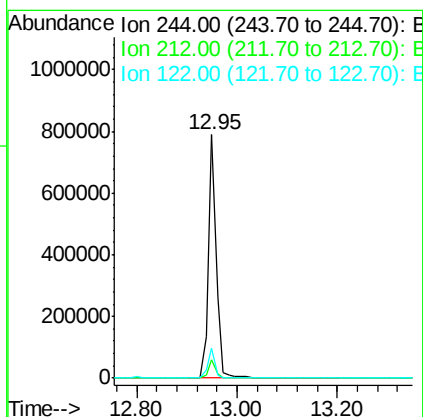
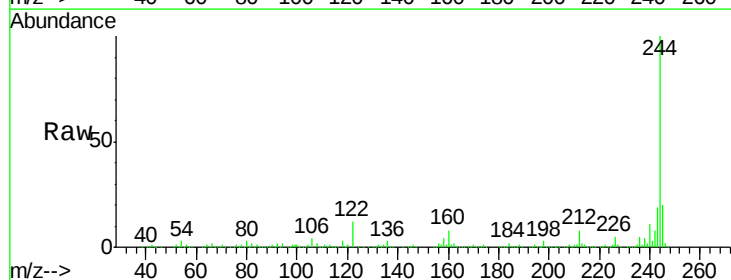
Instrument :
BNA_F
ClientSampleId :
PB86065BS

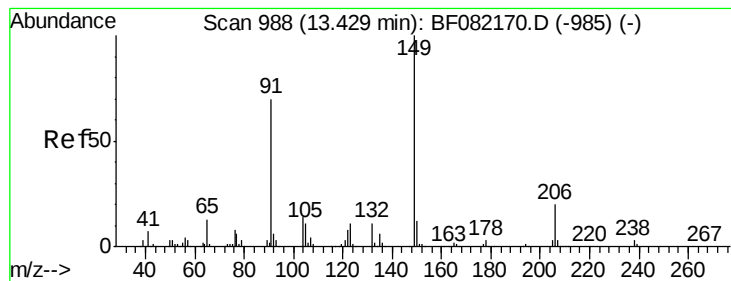
Tot Ion:202 Resp: 682470
Ion Ratio Lower Upper
202 100
200 21.5 17.9 26.9
203 18.4 14.5 21.7



#78
Terphenyl-d14
Concen: 59.79 ng
RT: 12.95 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF082221.D
Acq: 12 Oct 2015 15:31

Tgt Ion:244 Resp: 857996
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.6
122 12.1 5.9 8.9#





#79

Butylbenzylphthalate

Concen: 30.63 ng

RT: 13.43 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86065BS

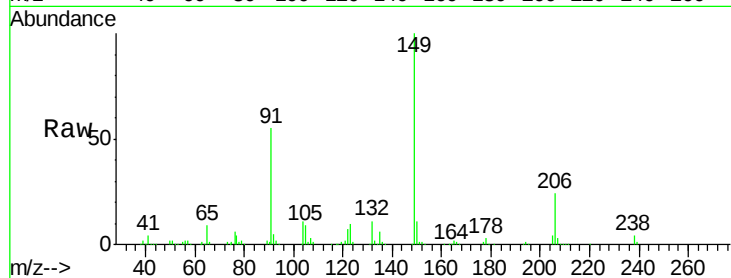
Tot Ion:149 Resp: 315452

Ion Ratio Lower Upper

149 100

91 55.2 55.7 83.5#

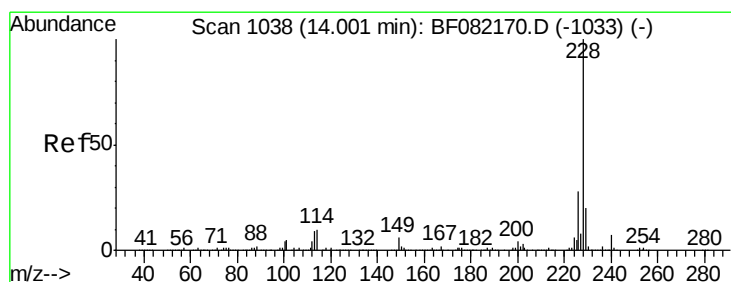
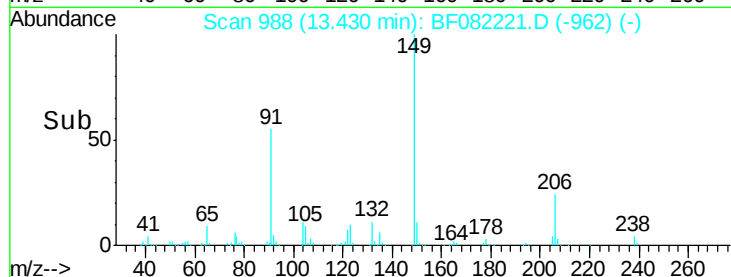
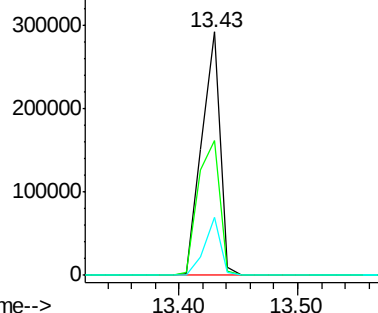
206 23.8 15.6 23.4#



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: 31.35 ng

RT: 14.00 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

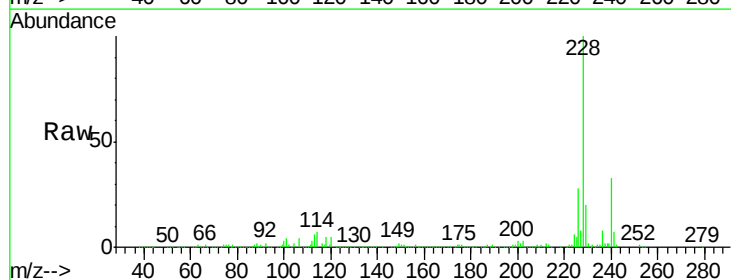
Tgt Ion:228 Resp: 620227

Ion Ratio Lower Upper

228 100

226 27.5 22.3 33.5

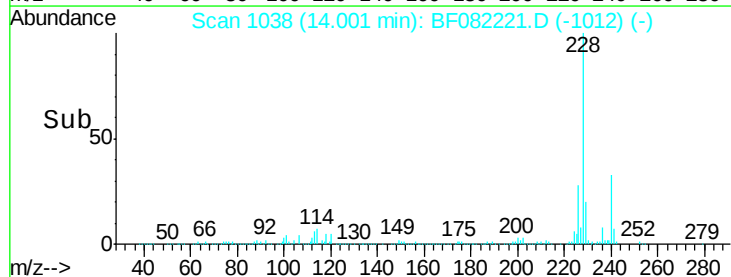
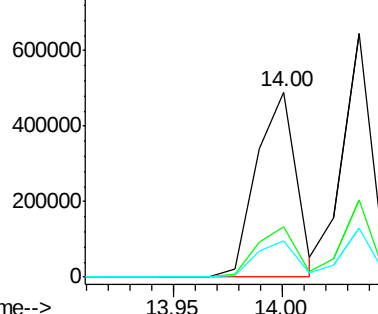
229 19.9 16.2 24.2

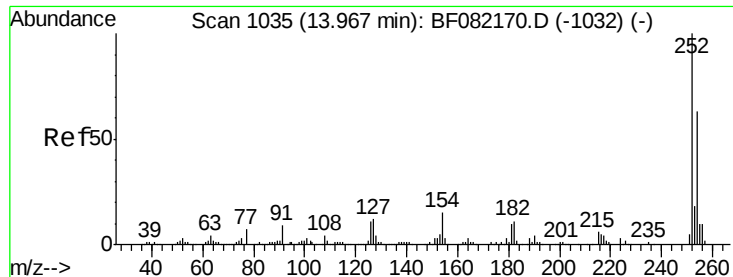


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

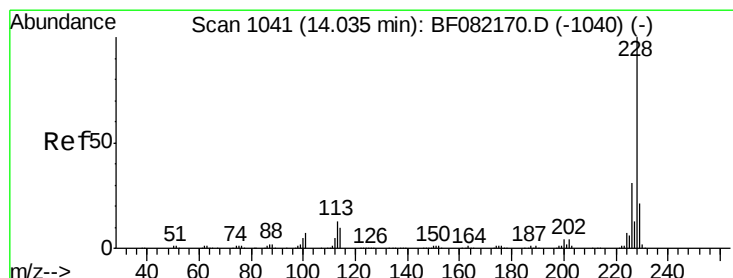
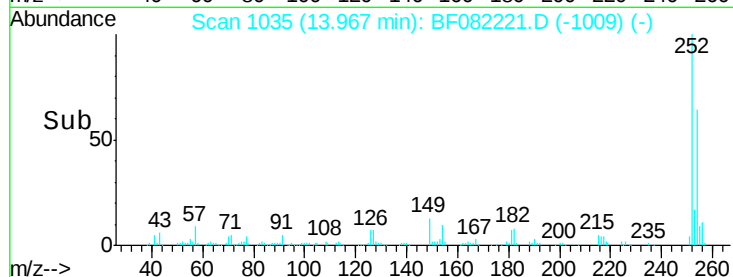
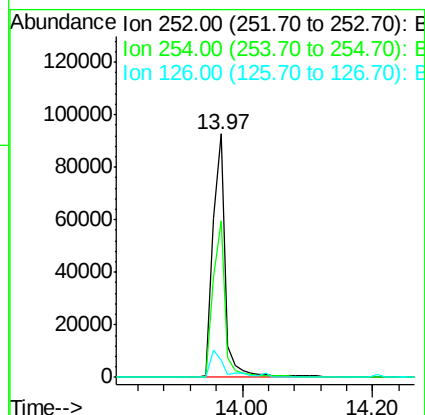
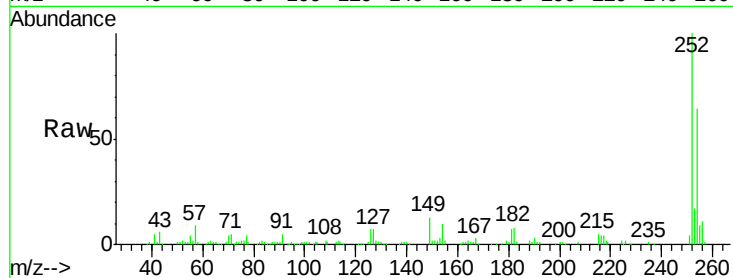




#81
 3,3'-Dichlorobenzidine
 Concen: 16.55 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF082221.D
 Acq: 12 Oct 2015 15:31

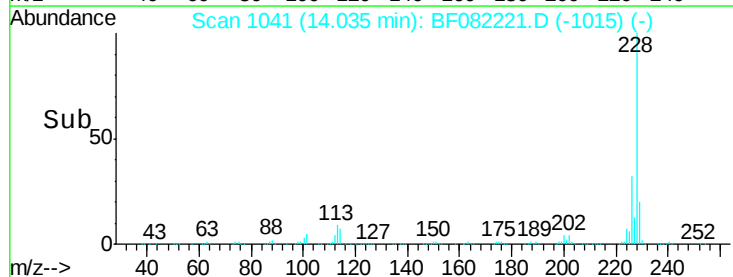
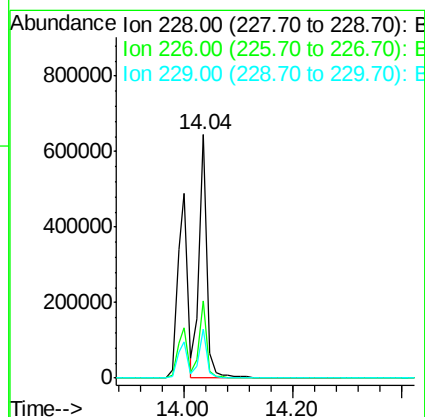
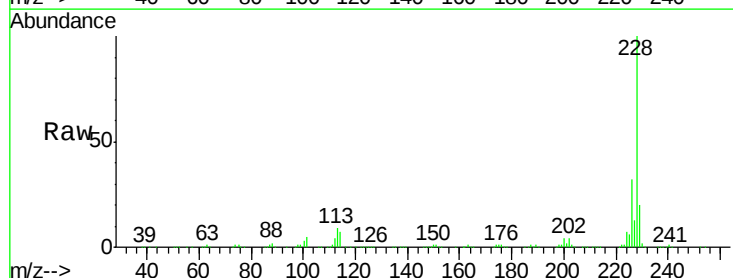
Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

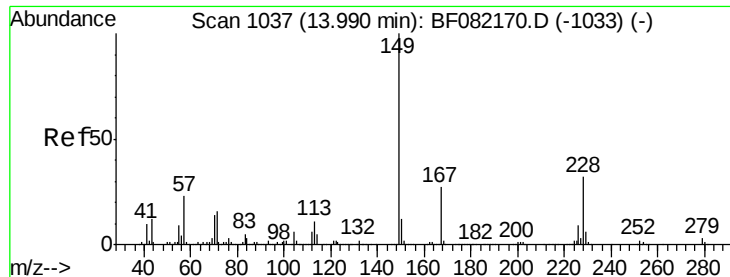
Tot Ion:252 Resp: 124258
 Ion Ratio Lower Upper
 252 100
 254 64.2 50.7 76.1
 126 6.9 9.0 13.6#



#82
 Chrysene
 Concen: 30.46 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF082221.D
 Acq: 12 Oct 2015 15:31

Tgt Ion:228 Resp: 634954
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.4 36.6
 229 20.2 16.3 24.5

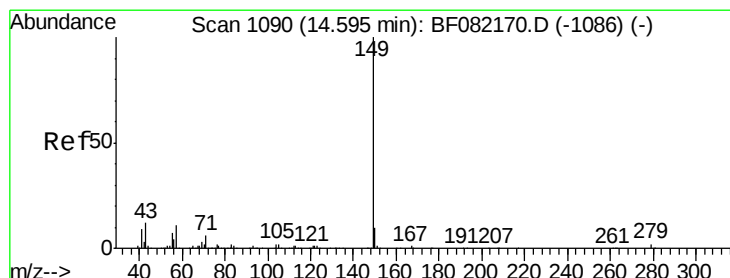
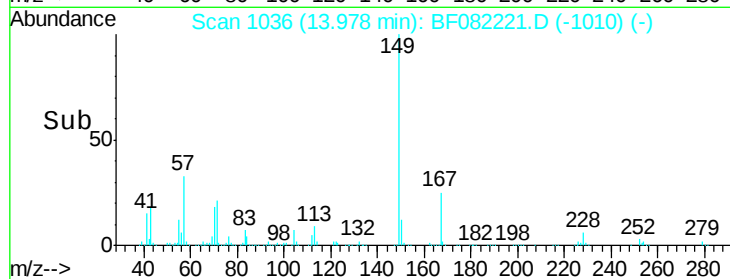
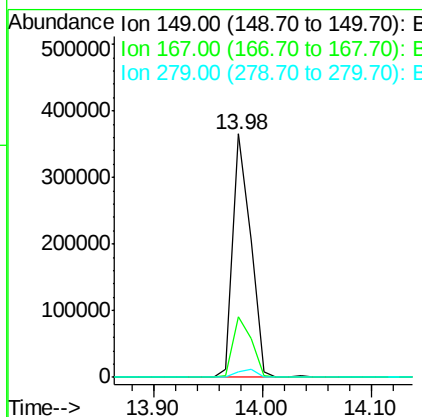
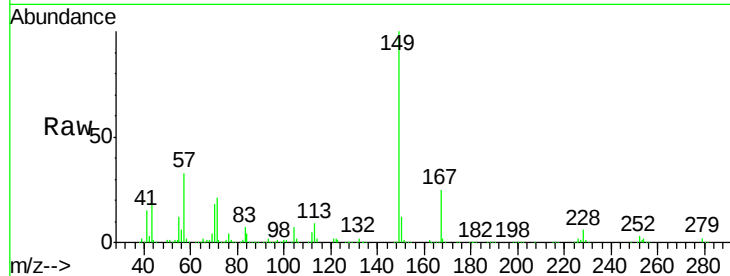




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 27.86 ng
 RT: 13.98 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF082221.D
 Acq: 12 Oct 2015 15:31

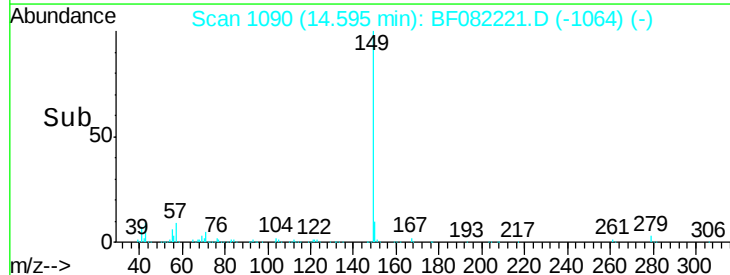
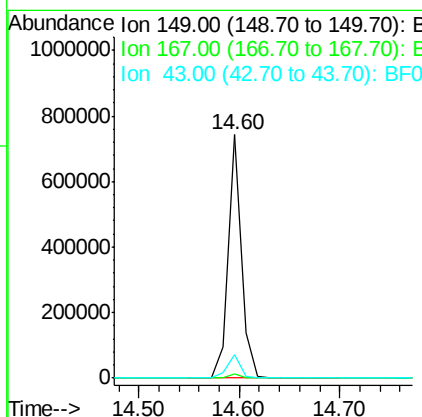
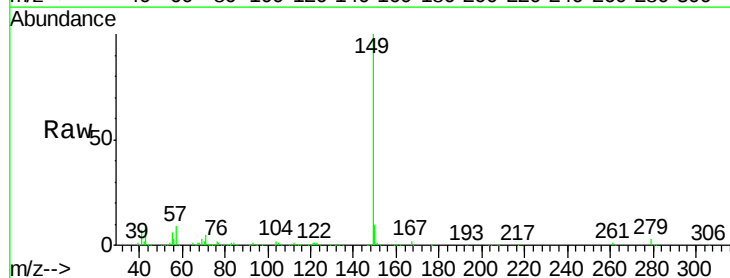
Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

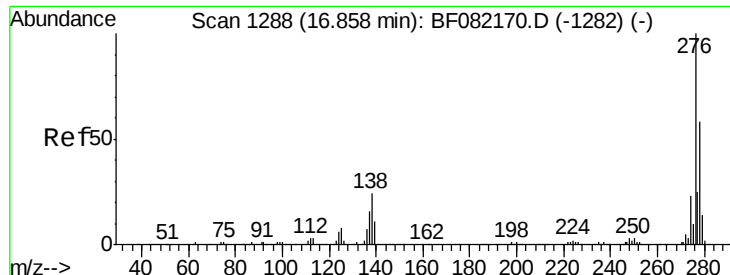
Tot Ion:149 Resp: 409331
 Ion Ratio Lower Upper
 149 100
 167 25.1 21.3 31.9
 279 2.2 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 26.77 ng
 RT: 14.60 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BF082221.D
 Acq: 12 Oct 2015 15:31

Tgt Ion:149 Resp: 675446
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 9.6 7.4 11.2

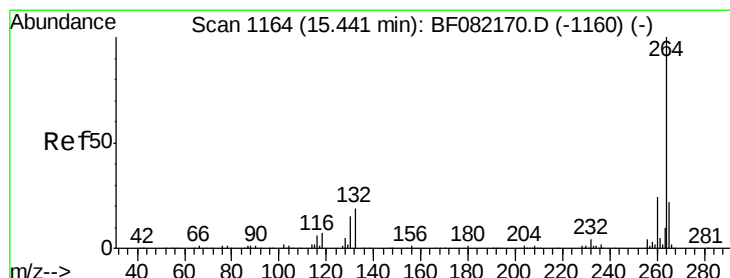
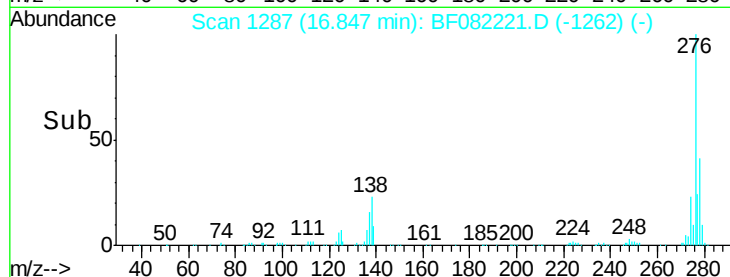
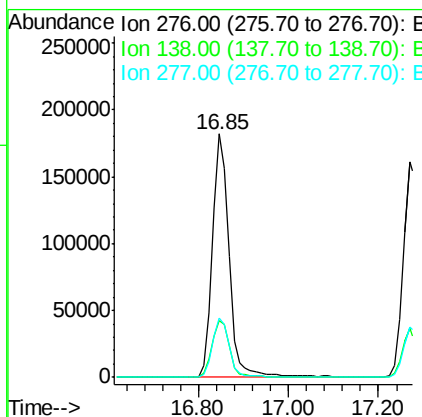
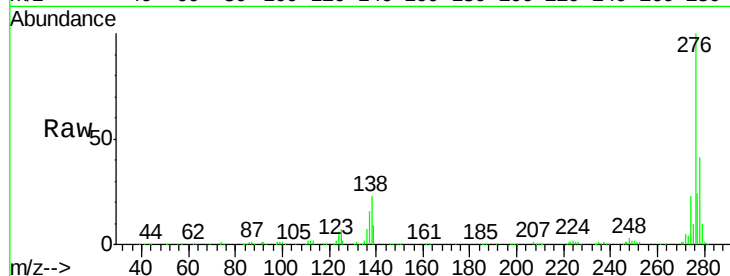




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 28.52 ng
 RT: 16.85 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BF082221.D
 Acq: 12 Oct 2015 15:31

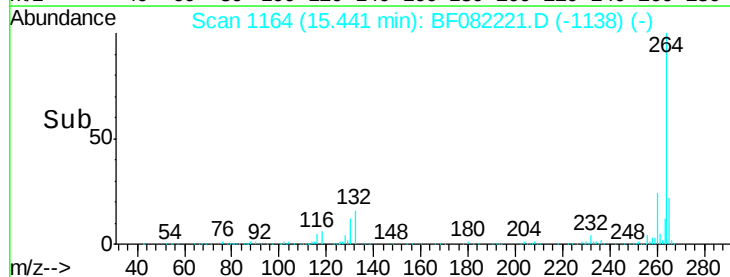
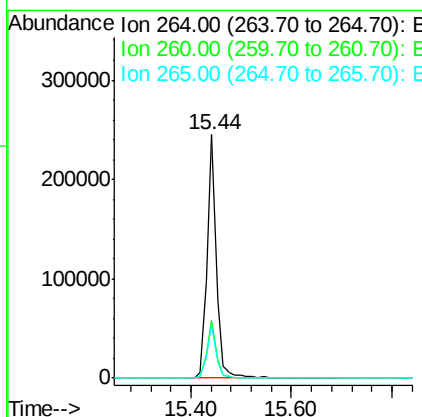
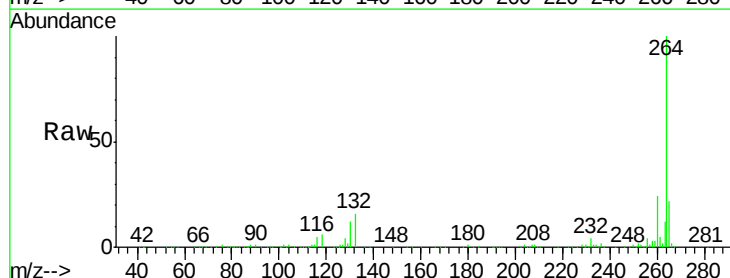
Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

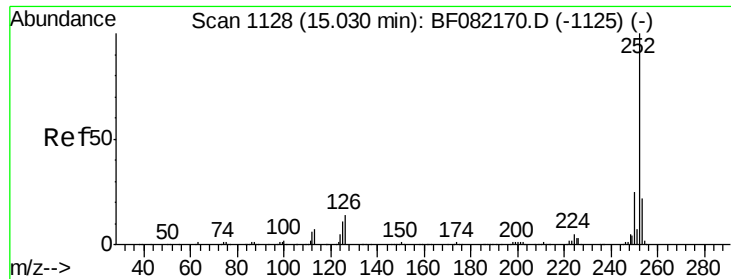
Tot Ion:276 Resp: 472520
 Ion Ratio Lower Upper
 276 100
 138 24.7 19.7 29.5
 277 24.5 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF082221.D
 Acq: 12 Oct 2015 15:31

Tgt Ion:264 Resp: 315868
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 21.6 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 58.48 ng

RT: 15.03 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86065BS

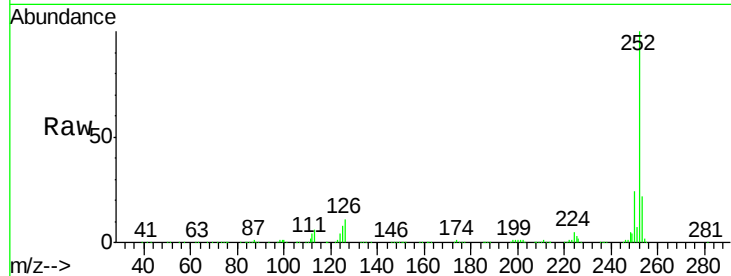
Tot Ion:252 Resp: 1123775

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

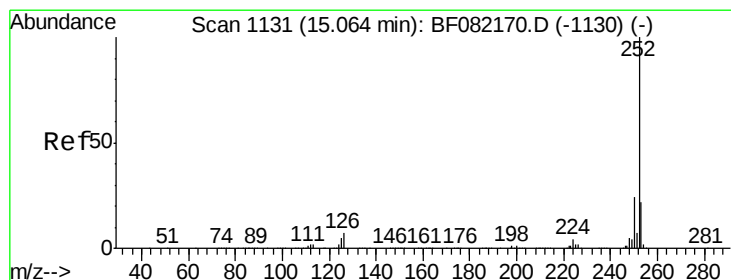
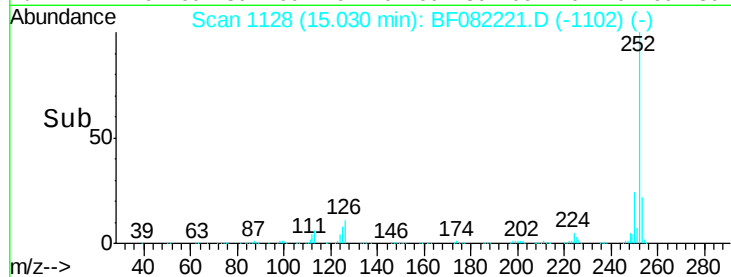
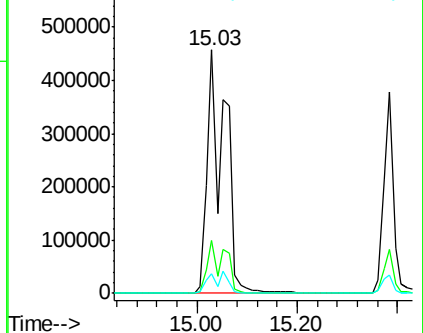
125 8.1 8.6 12.8#



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: 69.64 ng

RT: 15.03 min Scan# 1128

Delta R.T. -0.03 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

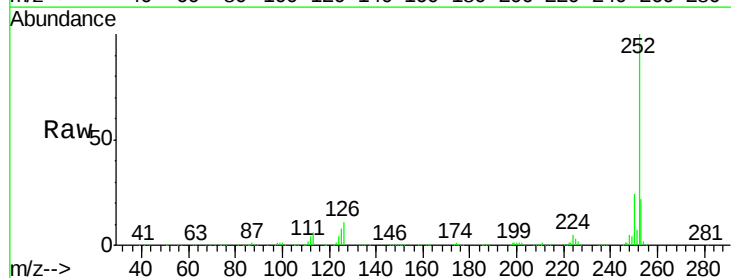
Tgt Ion:252 Resp: 1124796

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

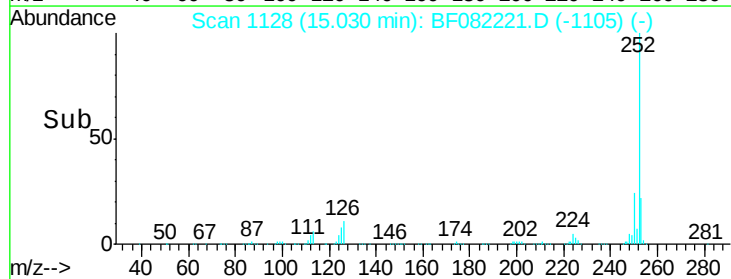
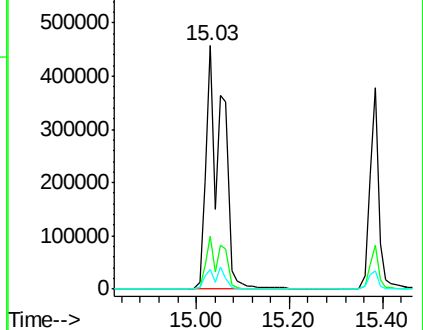
125 8.1 6.7 10.1

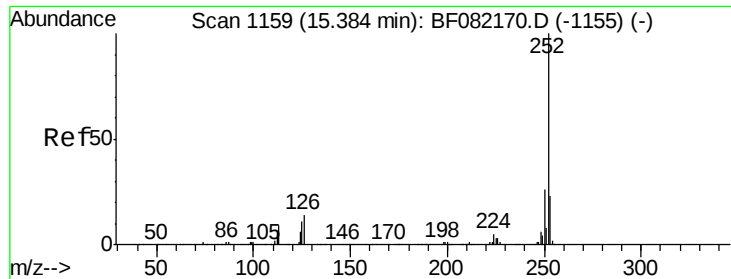


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 31.34 ng

RT: 15.38 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86065BS

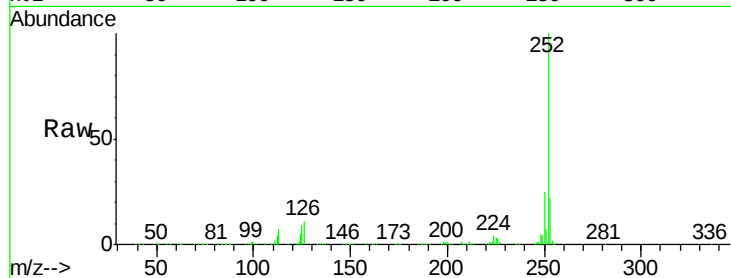
Tot Ion:252 Resp: 517599

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

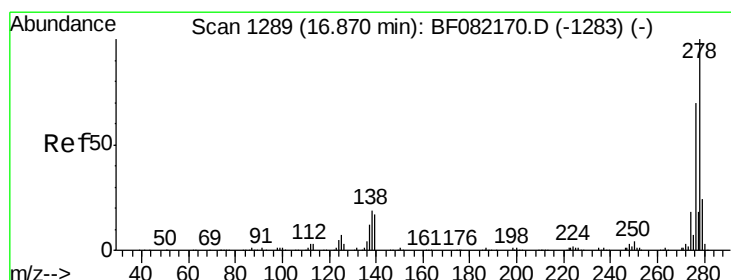
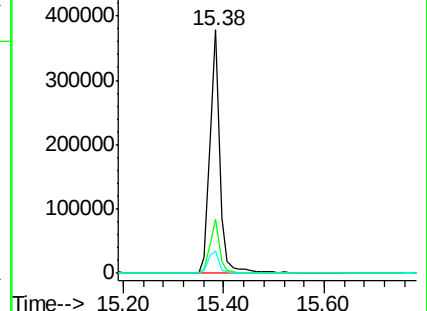
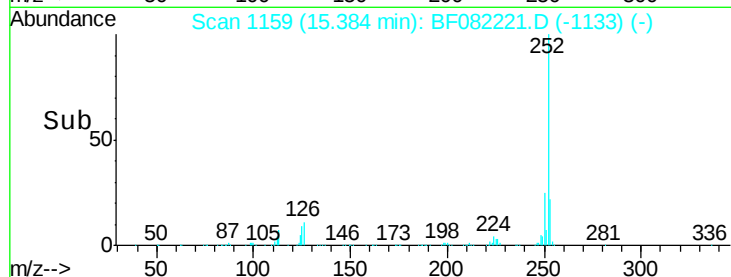
125 9.0 8.9 13.3



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: 28.67 ng

RT: 16.87 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

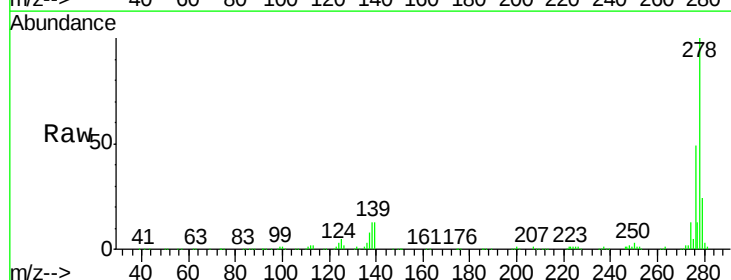
Tgt Ion:278 Resp: 388017

Ion Ratio Lower Upper

278 100

139 13.1 13.3 19.9#

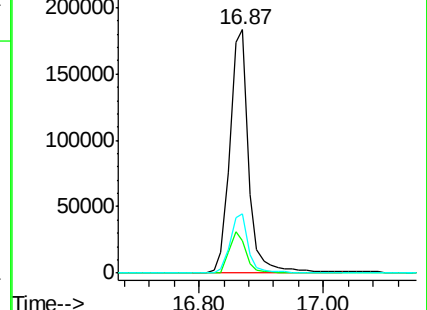
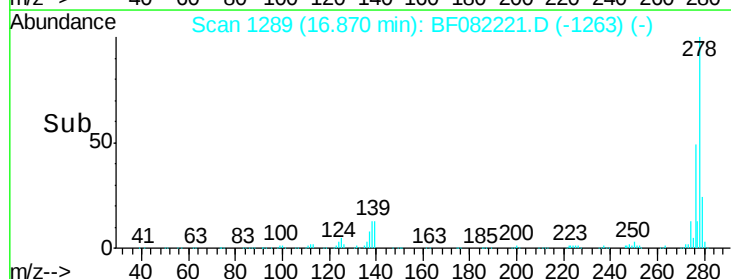
279 24.2 18.9 28.3

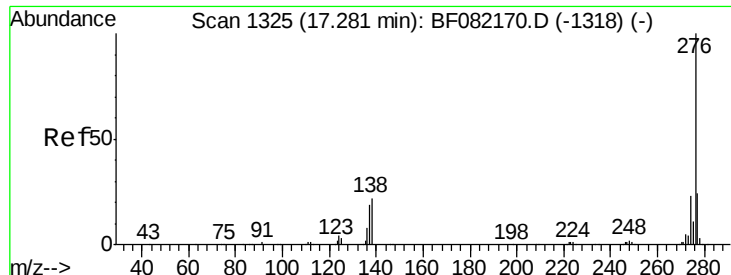


Abundance Ion 278.00 (277.70 to 278.70): E

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: 29.26 ng

RT: 17.27 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF082221.D

Acq: 12 Oct 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB86065BS

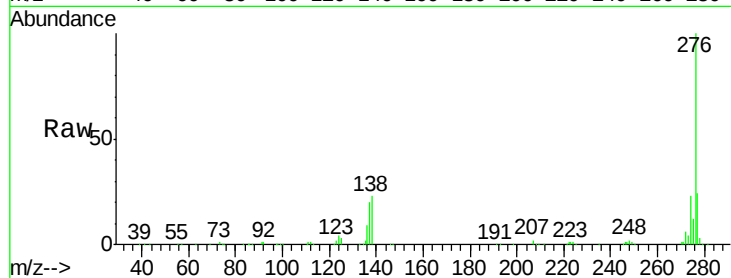
Tot Ion:276 Resp: 384723

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 22.8 17.4 26.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

