

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102215\
 Data File : BF082448.D
 Acq On : 22 Oct 2015 16:43
 Operator : UM/IZ
 Sample : PB86203BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Quant Time: Oct 23 01:35:26 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 01:26:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	250895	20.00	ng	0.15
21) Naphthalene-d8	8.06	136	413098	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	207350	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	425734	20.00	ng	0.00
75) Chrysene-d12	14.04	240	394925	20.00	ng	0.03
86) Perylene-d12	15.60	264	352643	20.00	ng	0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	360357	28.99	ng	0.01
7) Phenol-d6	6.41	99	438411	27.10	ng	-0.01
23) Nitrobenzene-d5	7.34	82	424423	69.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	116587	59.96	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	825959	66.06	ng	-0.01
78) Terphenyl-d14	12.90	244	914351	61.35	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	68843	11.02	ng	94
3) Pyridine	3.07	79	193803	13.34	ng	99
4) n-Nitrosodimethylamine	3.04	42	82780	13.44	ng	98
6) Aniline	6.50	93	186377	8.94	ng	# 55
8) 2-Chlorophenol	6.55	128	208704	13.75	ng	90
9) Benzaldehyde	6.31	77	85159	10.31	ng	99
11) bis(2-Chloroethyl)ether	6.50	93	186377	11.82	ng	98
12) 1,3-Dichlorobenzene	6.78	146	239336	13.54	ng	98
13) 1,4-Dichlorobenzene	6.78	146	239336	12.97	ng	98
14) 1,2-Dichlorobenzene	6.93	146	216272	12.34	ng	99
15) Benzyl Alcohol	6.91	79	160854	14.40	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.05	45	287005	13.07	ng	90
17) 2-Methylphenol	7.04	107	163887	13.66	ng	94
18) Hexachloroethane	7.27	117	79925	12.65	ng	99
19) n-Nitroso-di-n-propylamine	7.19	70	142494	12.54	ng	97
20) 3+4-Methylphenols	7.20	107	207693	14.52	ng	# 57
22) Acetophenone	7.18	105	266708	32.64	ng	# 90
24) Nitrobenzene	7.35	77	197945	29.73	ng	100
25) Isophorone	7.59	82	378856	30.52	ng	98
26) 2-Nitrophenol	7.67	139	105034	31.59	ng	# 83
27) 2,4-Dimethylphenol	7.71	122	178678	33.36	ng	97
28) bis(2-Chloroethoxy)methane	7.81	93	226552	31.36	ng	96
29) 2,4-Dichlorophenol	7.92	162	192277	35.91	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	187080	30.31	ng	97
31) Naphthalene	8.07	128	564928	31.55	ng	100
32) Benzoic acid	7.85	122	100260	27.89	ng	97
33) 4-Chloroaniline	8.14	127	89317	12.01	ng	95
34) Hexachlorobutadiene	8.18	225	109197	28.39	ng	97
35) Caprolactam	8.50	113	55747	35.87	ng	# 71
36) 4-Chloro-3-methylphenol	8.63	107	185455	35.42	ng	99
37) 2-Methylnaphthalene	8.77	142	400334	32.25	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	206758	33.52	ng	96
40) Hexachlorocyclopentadiene	8.91	237	136835	47.60	ng	97
42) 2,4,6-Trichlorophenol	9.05	196	125125	30.55	ng	99

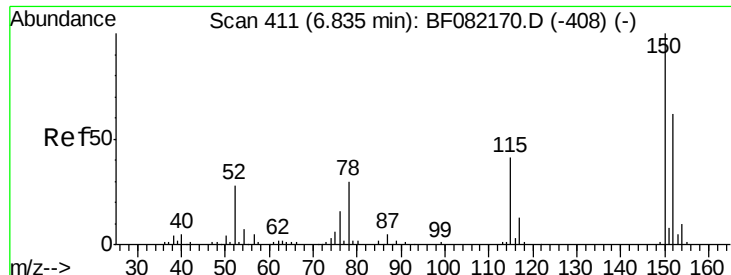
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102215\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.10	196	142560	32.13	ng	# 91
45) 1,1'-Biphenyl	9.23	154	514949	32.57	ng	98
46) 2-Chloronaphthalene	9.26	162	393418	31.61	ng	95
47) 2-Nitroaniline	9.36	65	111737	32.70	ng	100
48) Acenaphthylene	9.67	152	601884	31.04	ng	99
49) Dimethylphthalate	9.54	163	493451	33.80	ng	99
50) 2,6-Dinitrotoluene	9.61	165	107176	34.79	ng	# 84
51) Acenaphthene	9.84	154	352082	30.25	ng	100
52) 3-Nitroaniline	9.77	138	50070	14.39	ng	# 77
53) 2,4-Dinitrophenol	9.89	184	87792	53.31	ng	# 74
54) Dibenzofuran	10.02	168	557854	34.91	ng	95
55) 4-Nitrophenol	9.97	139	127625	59.23	ng	93
56) 2,4-Dinitrotoluene	10.01	165	142418	36.99	ng	91
57) Fluorene	10.37	166	439033	33.45	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	114413	31.56	ng	99
59) Diethylphthalate	10.24	149	484077	35.57	ng	100
60) 4-Chlorophenyl-phenylether	10.35	204	219846	36.56	ng	91
61) 4-Nitroaniline	10.40	138	107057	31.72	ng	92
62) Azobenzene	10.51	77	474852	35.65	ng	94
64) 4,6-Dinitro-2-methylphenol	10.42	198	76642	32.08	ng	94
65) n-Nitrosodiphenylamine	10.48	169	412555	32.37	ng	99
66) 4-Bromophenyl-phenylether	10.85	248	131872	30.95	ng	# 89
67) Hexachlorobenzene	10.90	284	129930	28.20	ng	# 68
68) Atrazine	11.01	200	126881	31.42	ng	99
69) Pentachlorophenol	11.11	266	138781	58.53	ng	99
70) Phenanthrene	11.33	178	723457	34.67	ng	100
71) Anthracene	11.37	178	689164	32.05	ng	100
72) Carbazole	11.53	167	624314	31.83	ng	99
73) Di-n-butylphthalate	11.86	149	753609	31.14	ng	99
74) Fluoranthene	12.52	202	728930	32.52	ng	98
76) Benzidine	12.65	184	241213	21.08	ng	98
77) Pyrene	12.76	202	820920	35.03	ng	98
79) Butylbenzylphthalate	13.41	149	350677	32.79	ng	95
80) Benzo(a)anthracene	14.02	228	669698	32.59	ng	99
81) 3,3'-Dichlorobenzidine	13.99	252	136128	17.45	ng	# 98
82) Chrysene	14.07	228	645263	29.80	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	474825	31.12	ng	100
84) Di-n-octyl phthalate	14.73	149	843558	32.19	ng	99
85) Indeno(1,2,3-cd)pyrene	17.01	276	539253	31.34	ng	98
87) Benzo(b)fluoranthene	15.19	252	600696	28.00	ng	99
88) Benzo(k)fluoranthene	15.19	252	600696	33.31	ng	98
89) Benzo(a)pyrene	15.54	252	585289	31.74	ng	99
90) Dibenzo(a,h)anthracene	17.03	278	460005	30.44	ng	99
91) Benzo(g,h,i)perylene	17.43	276	433069	29.50	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.91 min Scan# 418

Delta R.T. 0.15 min

Lab File: BF082448.D

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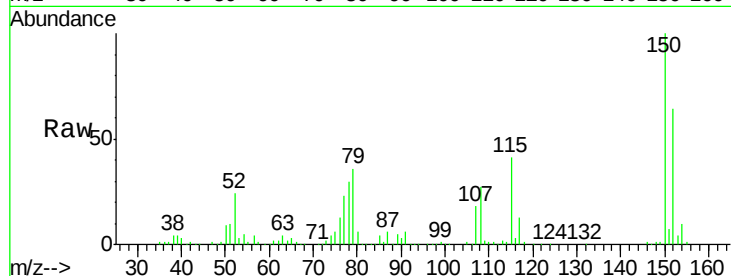
Tgt Ion:152 Resp: 250895

Ion Ratio Lower Upper

152 100

150 157.3 129.0 193.4

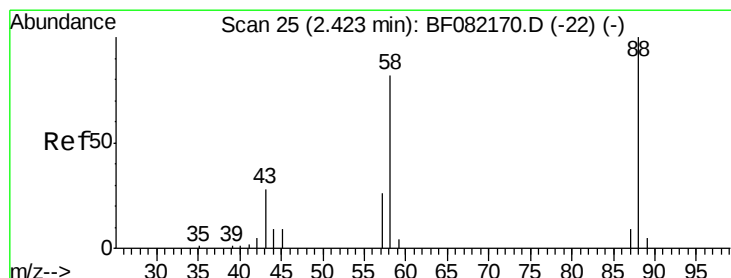
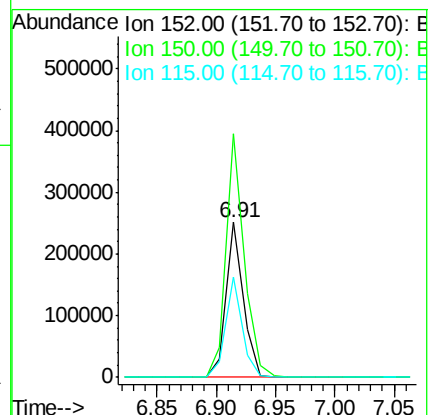
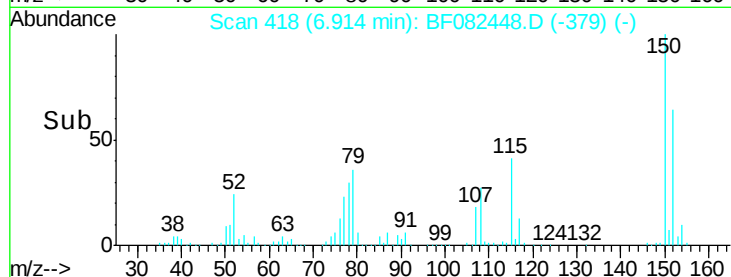
115 64.9 52.1 78.1



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: 11.02 ng

RT: 2.39 min Scan# 22

Delta R.T. 0.11 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

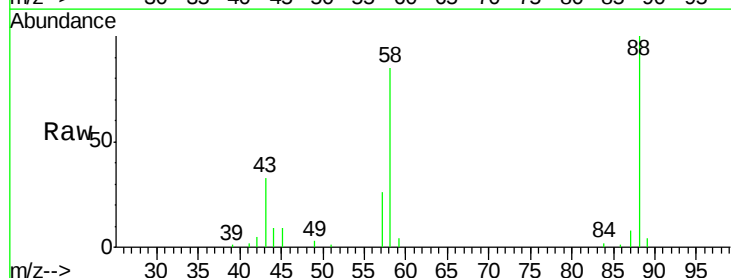
Tgt Ion: 88 Resp: 68843

Ion Ratio Lower Upper

88 100

58 87.3 66.2 99.4

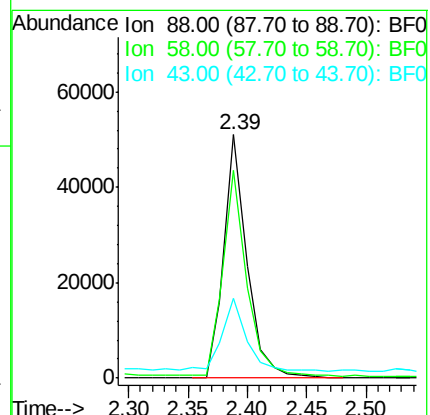
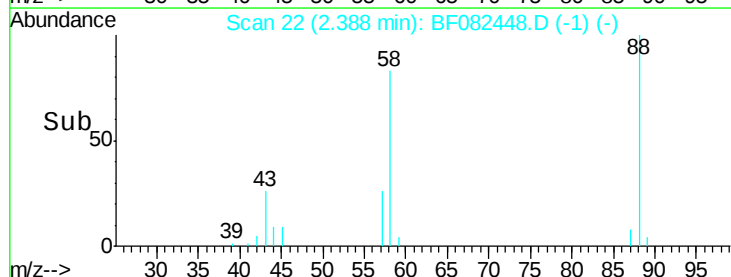
43 32.8 23.0 34.4

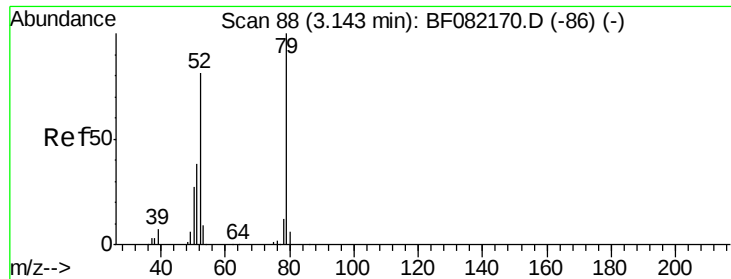


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 13.34 ng

RT: 3.07 min Scan# 82

Delta R.T. 0.10 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

ClientSampleId :

PB86203BS

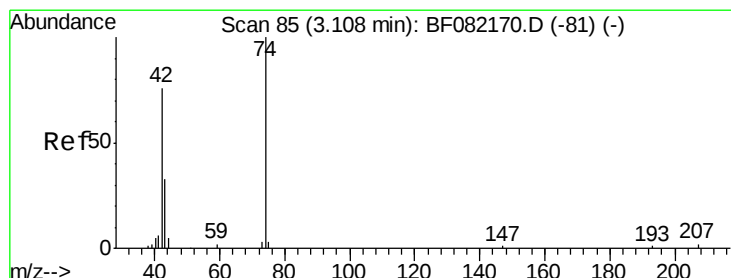
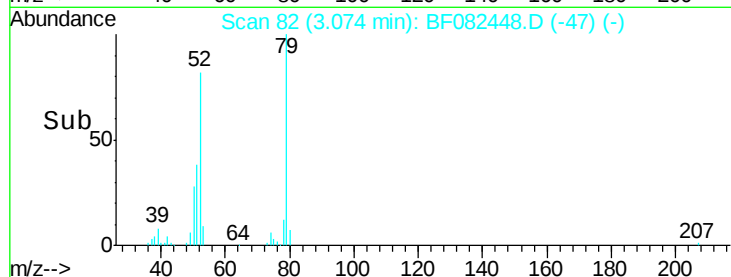
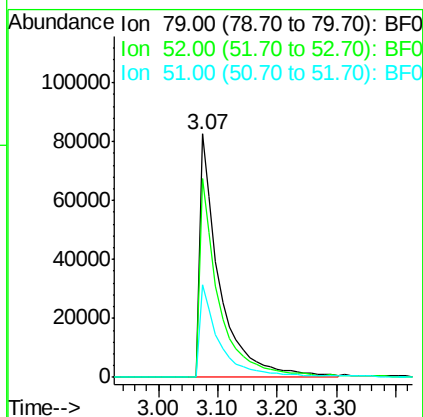
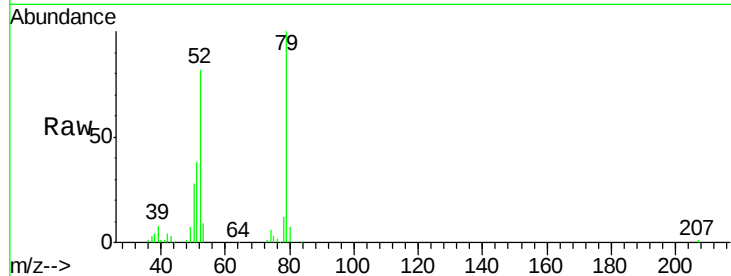
Tgt Ion: 79 Resp: 193803

Ion Ratio Lower Upper

79 100

52 81.7 64.4 96.6

51 38.2 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 13.44 ng

RT: 3.04 min Scan# 79

Delta R.T. 0.08 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

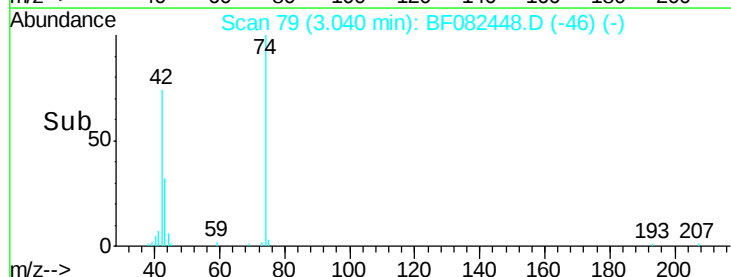
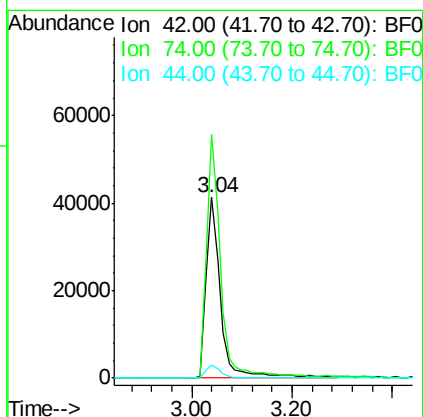
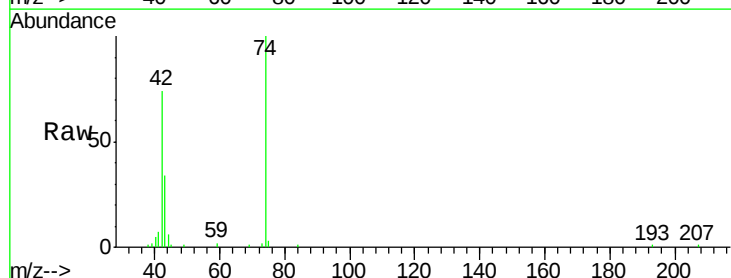
Tgt Ion: 42 Resp: 82780

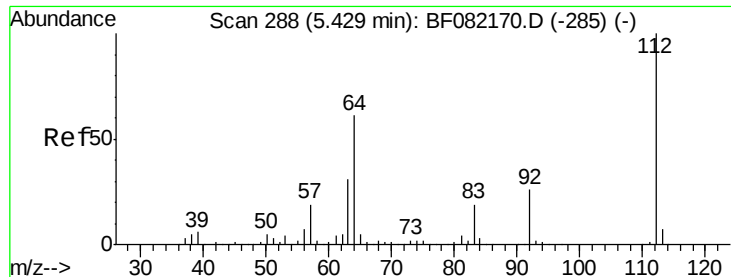
Ion Ratio Lower Upper

42 100

74 135.0 105.7 158.5

44 7.5 5.4 8.2





#5

2-Fluorophenol

Concen: 28.99 ng

RT: 5.37 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

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ClientSampleId :

PB86203BS

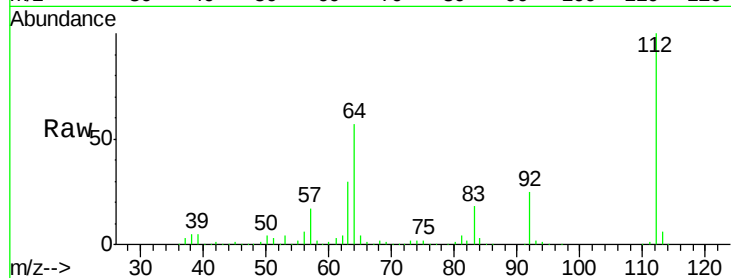
Tgt Ion: 112 Resp: 360357

Ion Ratio Lower Upper

112 100

64 56.7 48.6 73.0

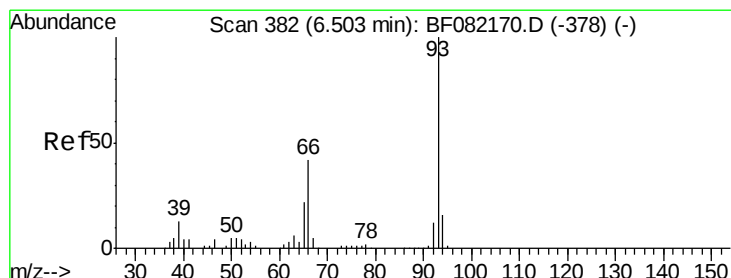
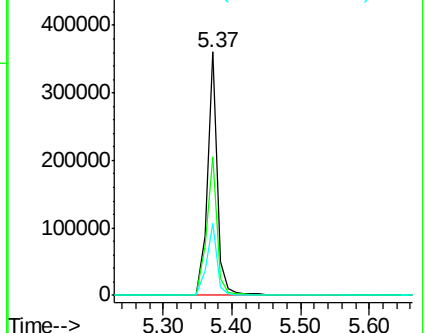
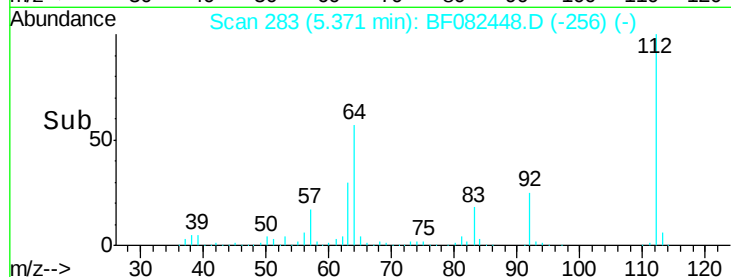
63 29.9 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 8.94 ng

RT: 6.50 min Scan# 382

Delta R.T. 0.07 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

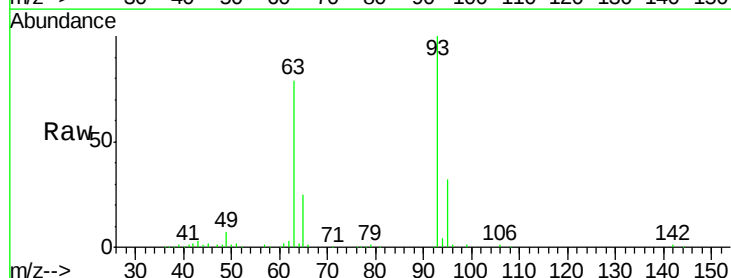
Tgt Ion: 93 Resp: 186377

Ion Ratio Lower Upper

93 100

66 1.0 34.2 51.2#

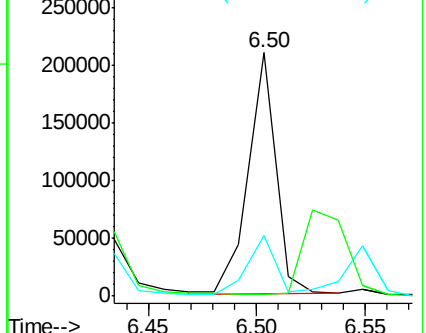
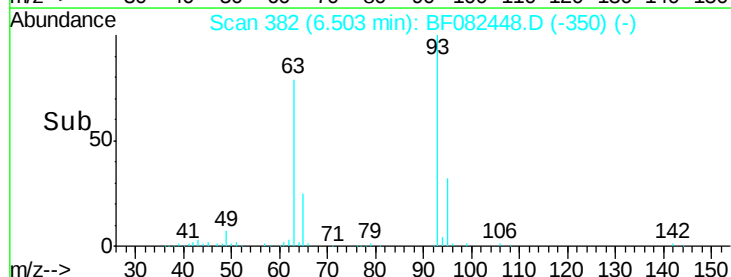
65 25.0 17.9 26.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 27.10 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

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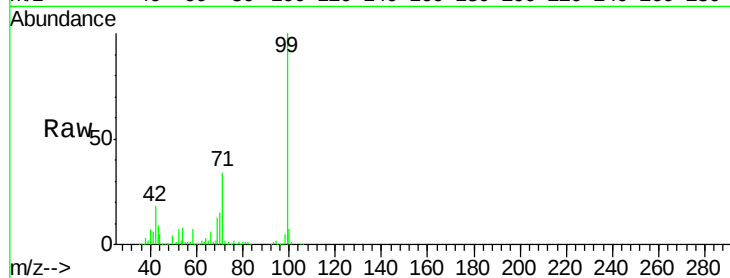
Tgt Ion: 99 Resp: 438411

Ion Ratio Lower Upper

99 100

42 18.4 13.2 19.8

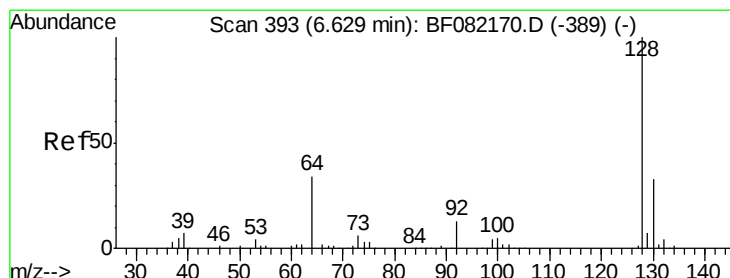
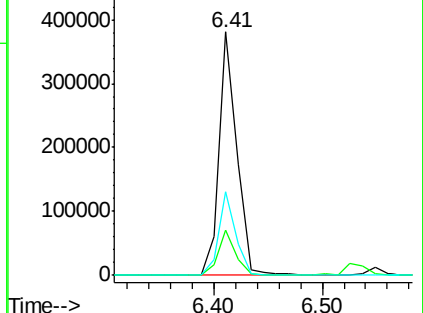
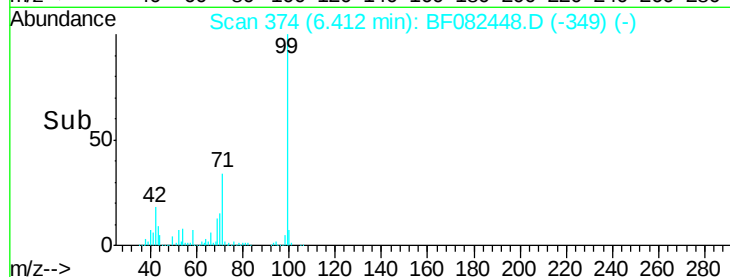
71 34.2 25.6 38.4



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: 13.75 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

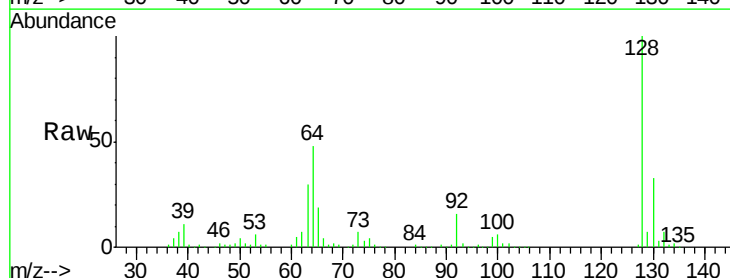
Tgt Ion: 128 Resp: 208704

Ion Ratio Lower Upper

128 100

130 32.8 12.6 52.6

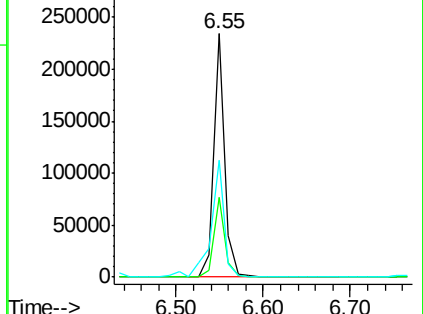
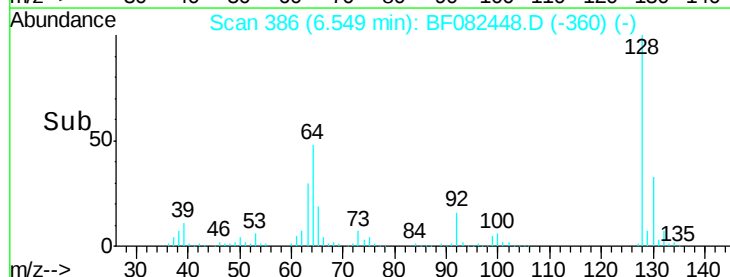
64 47.9 16.7 56.7



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: 10.31 ng

RT: 6.31 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

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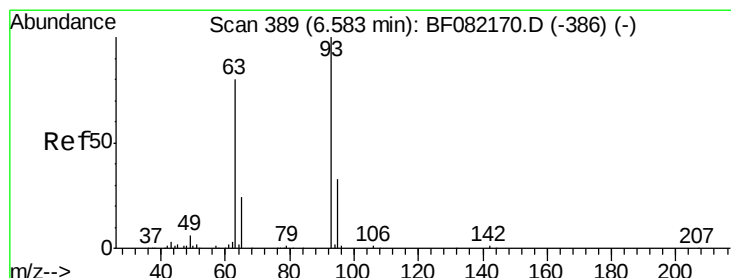
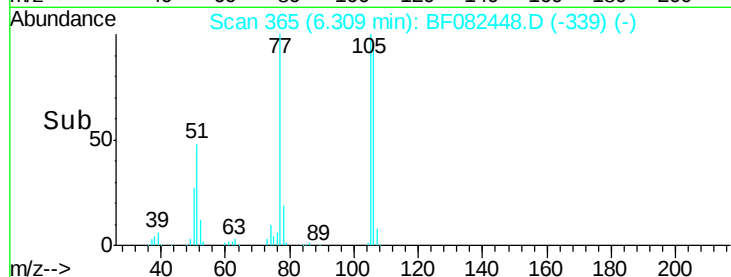
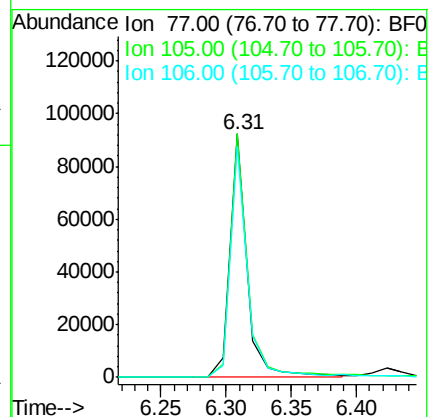
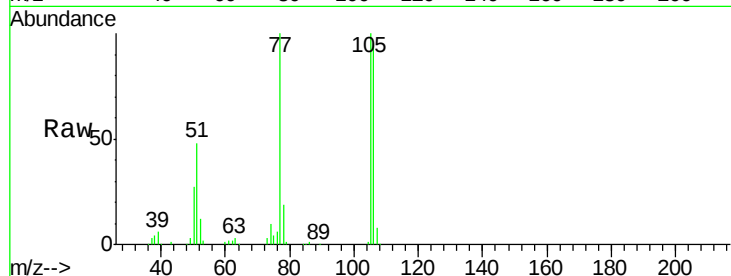
Tgt Ion: 77 Resp: 85159

Ion Ratio Lower Upper

77 100

105 100.1 80.6 120.6

106 94.7 75.5 115.5



#11

bis(2-Chloroethyl)ether

Concen: 11.82 ng

RT: 6.50 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

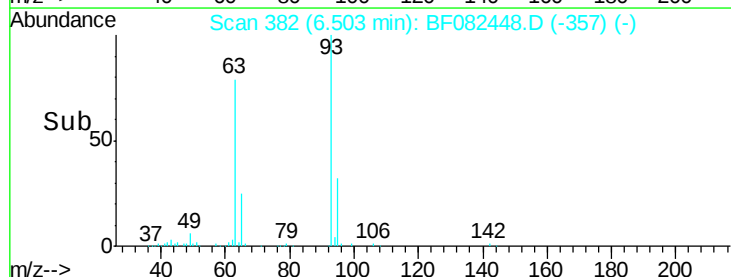
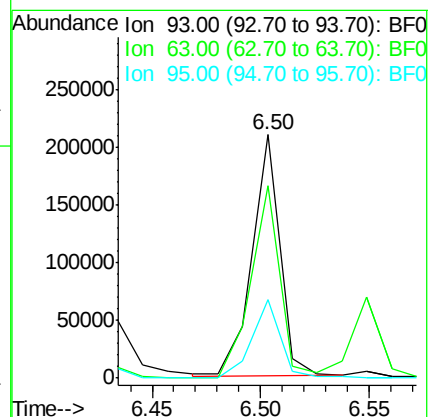
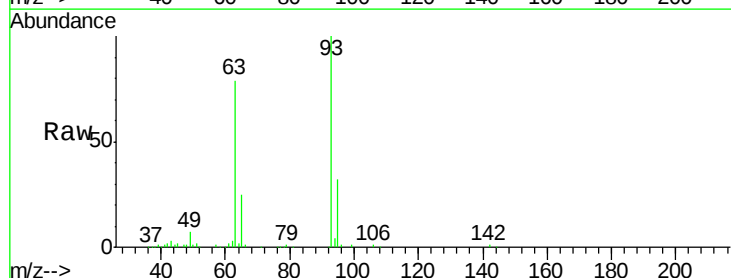
Tgt Ion: 93 Resp: 186377

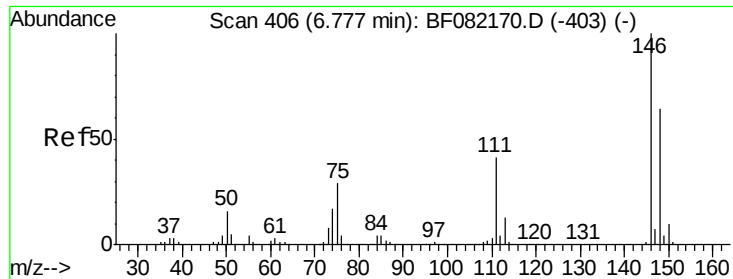
Ion Ratio Lower Upper

93 100

63 79.3 57.1 97.1

95 32.2 11.9 51.9





#12

1,3-Dichlorobenzene

Concen: 13.54 ng

RT: 6.78 min Scan# 406

Delta R.T. 0.08 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

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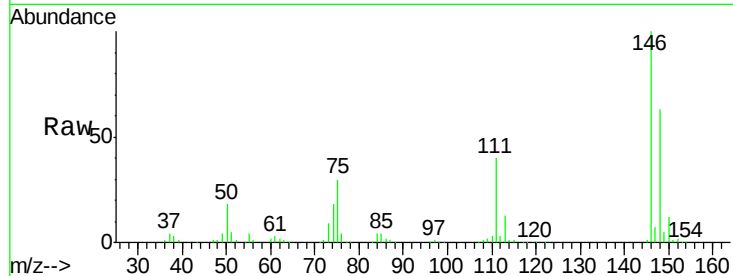
Tgt Ion:146 Resp: 239336

Ion Ratio Lower Upper

146 100

148 62.8 51.4 77.2

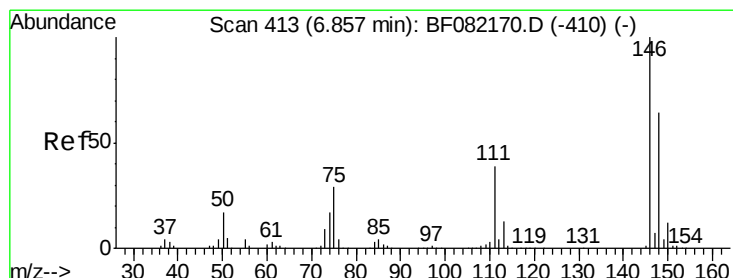
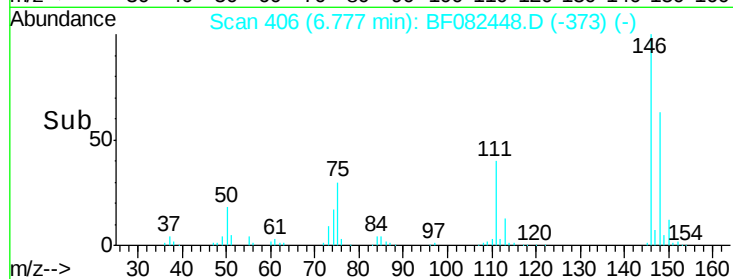
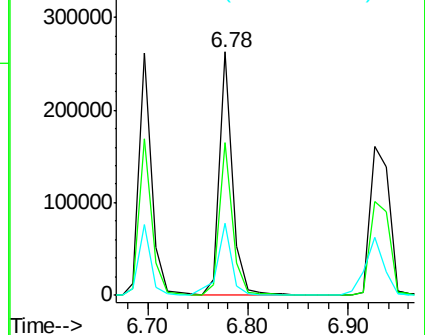
75 29.7 23.0 34.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 12.97 ng

RT: 6.78 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

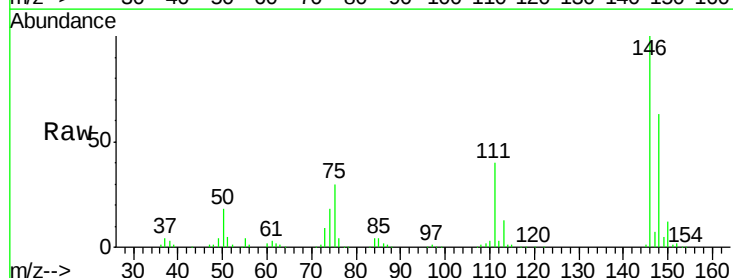
Tgt Ion:146 Resp: 239336

Ion Ratio Lower Upper

146 100

148 62.8 51.0 76.4

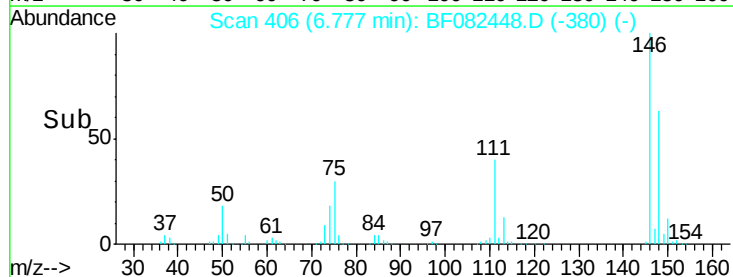
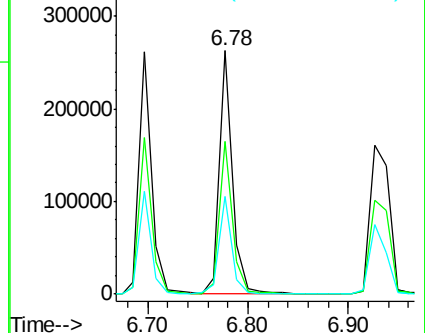
111 40.2 31.1 46.7

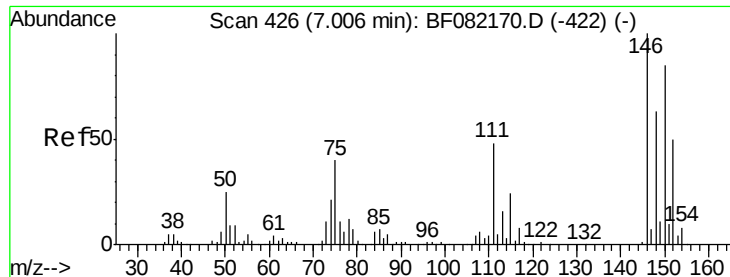


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 12.34 ng

RT: 6.93 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

ClientSampleId :

PB86203BS

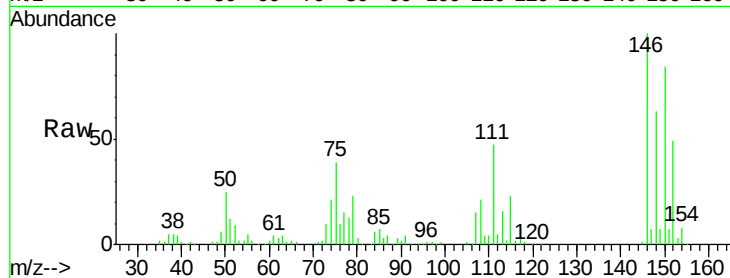
Tgt Ion:146 Resp: 216272

Ion Ratio Lower Upper

146 100

148 62.7 50.5 75.7

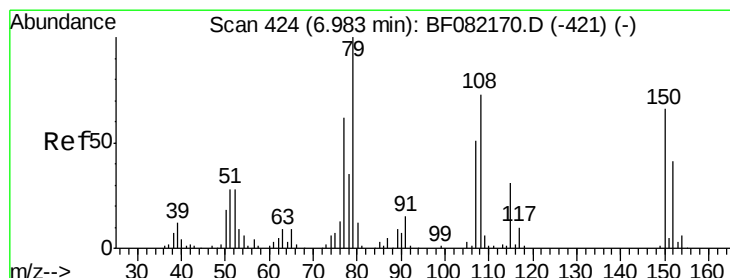
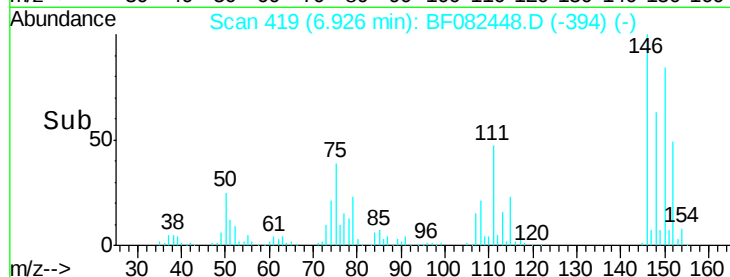
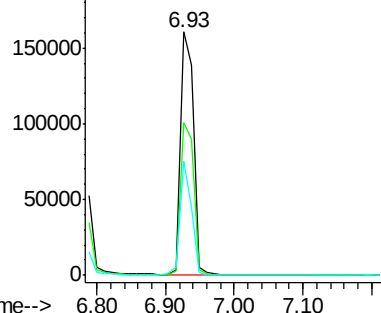
111 47.1 38.5 57.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 14.40 ng

RT: 6.91 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

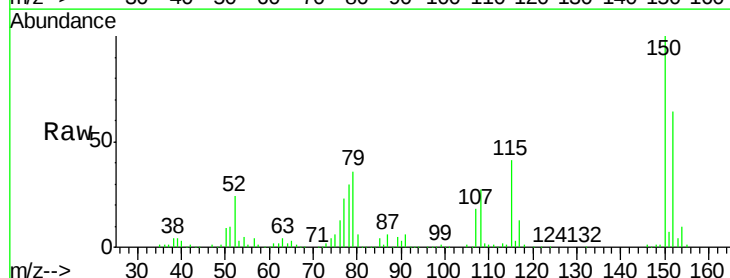
Tgt Ion: 79 Resp: 160854

Ion Ratio Lower Upper

79 100

108 74.5 58.4 87.6

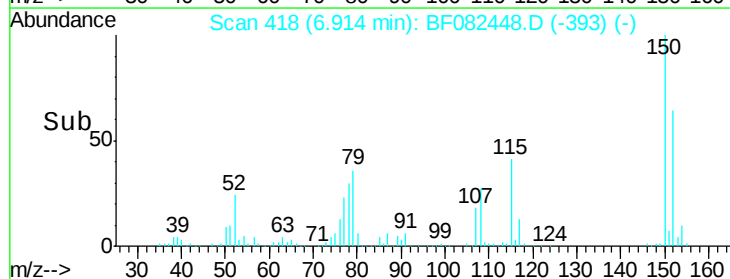
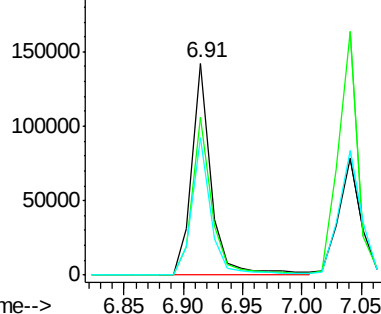
77 64.6 49.8 74.6

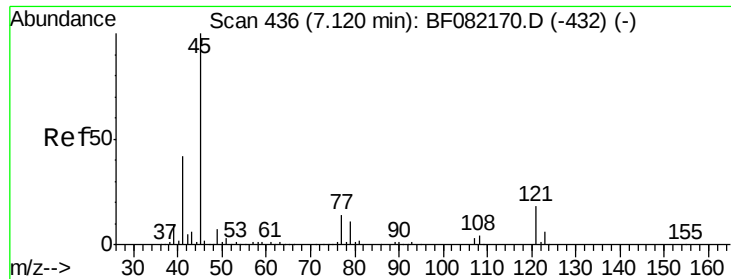


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

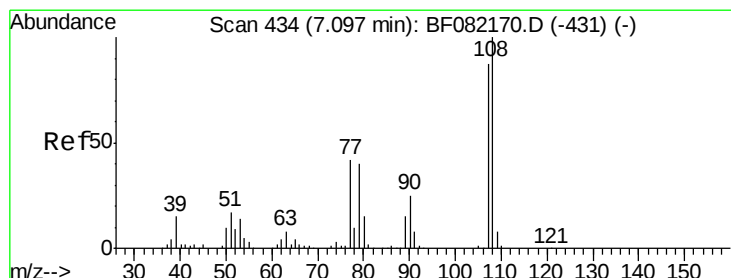
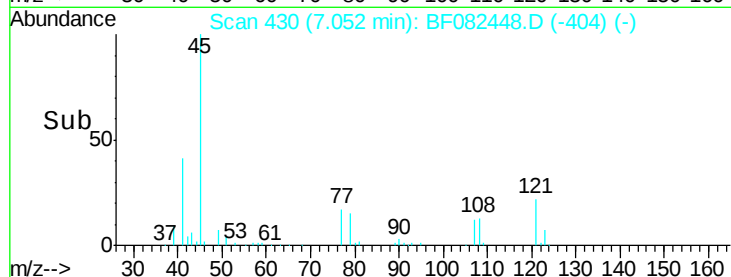
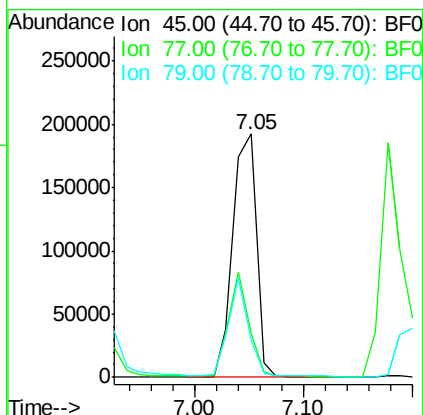
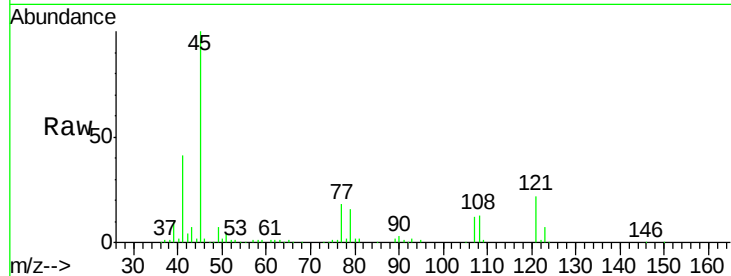




#16
2,2'-oxybis(1-Chloropropane)
Concen: 13.07 ng
RT: 7.05 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

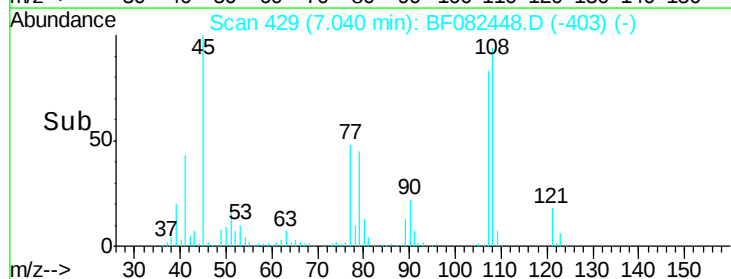
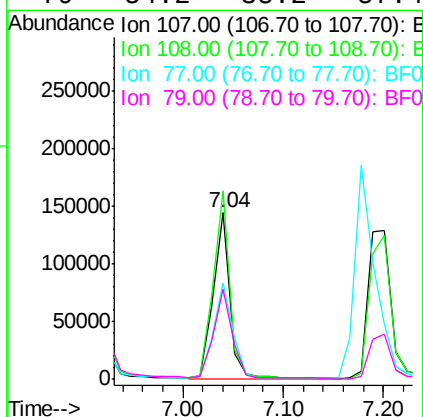
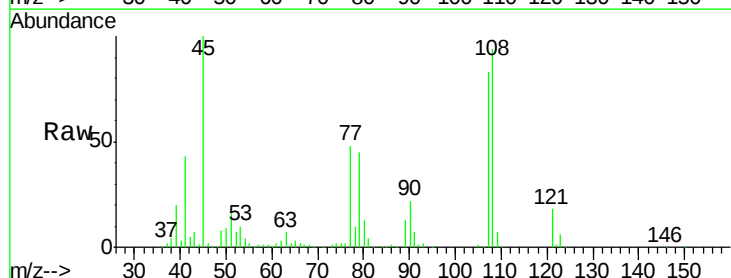
Instrument :
BNA_F
ClientSampleId :
PB86203BS

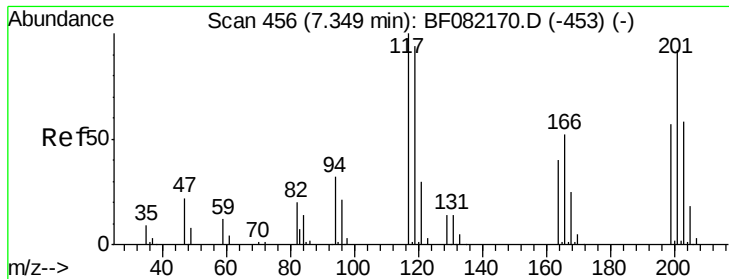
Tgt Ion: 45 Resp: 287005
Ion Ratio Lower Upper
45 100
77 18.3 0.0 34.5
79 15.7 0.0 31.6



#17
2-Methylphenol
Concen: 13.66 ng
RT: 7.04 min Scan# 429
Delta R.T. -0.00 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Tgt Ion: 107 Resp: 163887
Ion Ratio Lower Upper
107 100
108 113.3 92.2 138.2
77 58.0 39.6 59.4
79 54.2 38.2 57.4

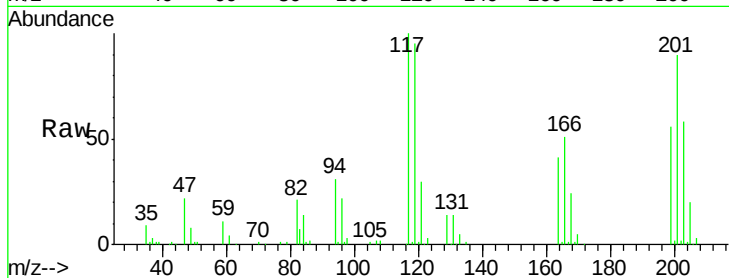




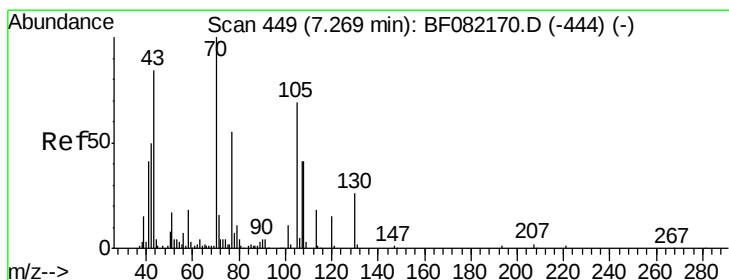
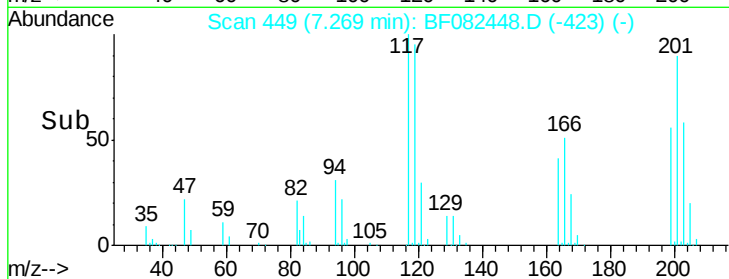
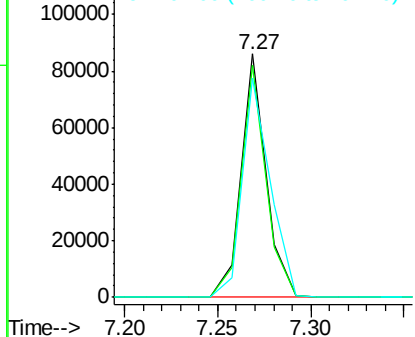
#18
Hexachloroethane
Concen: 12.65 ng
RT: 7.27 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tgt Ion: 117 Resp: 79925
Ion Ratio Lower Upper
117 100
119 95.3 75.4 113.2
201 90.0 73.4 110.0

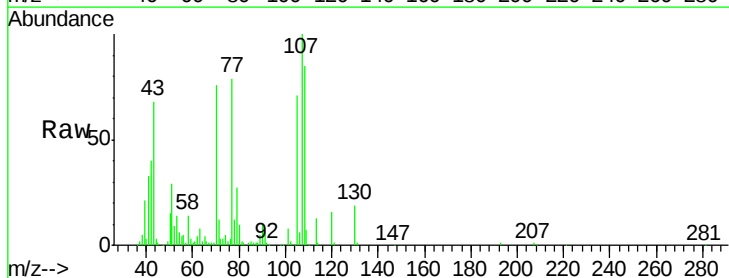


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

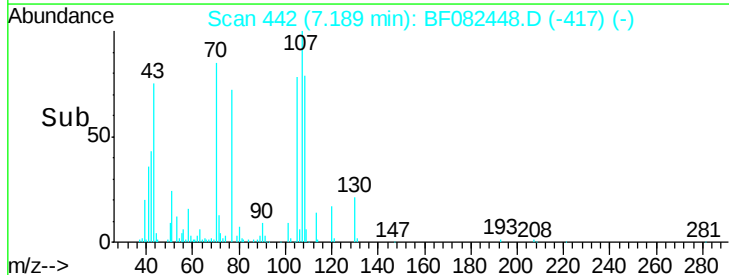
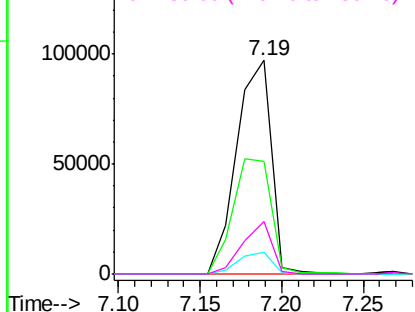


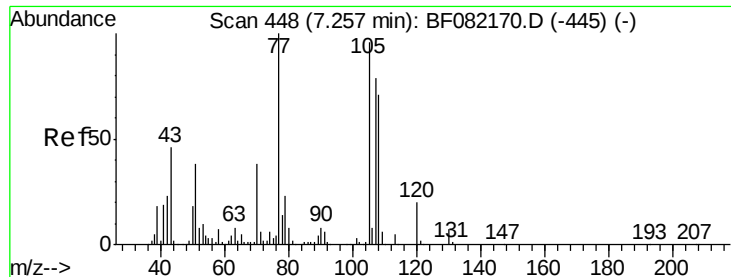
#19
n-Nitroso-di-n-propylamine
Concen: 12.54 ng
RT: 7.19 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Tgt Ion: 70 Resp: 142494
Ion Ratio Lower Upper
70 100
42 52.5 39.8 59.8
101 10.1 8.6 13.0
130 24.3 20.5 30.7



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 14.52 ng

RT: 7.20 min Scan# 443

Delta R.T. -0.00 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

ClientSampleId :

PB86203BS

Tgt Ion:107 Resp: 207693

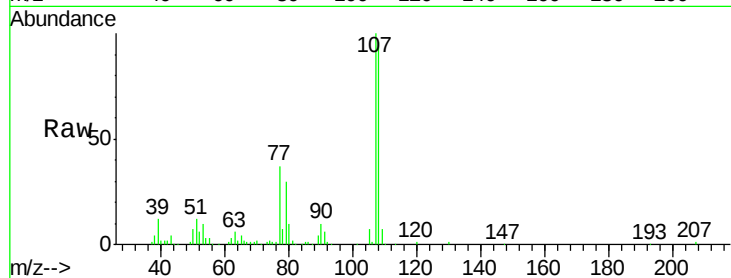
Ion Ratio Lower Upper

107 100

108 96.1 69.9 109.9

77 36.6 106.0 146.0#

79 30.1 9.8 49.8

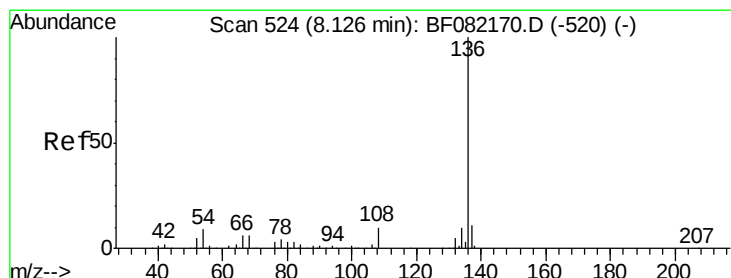
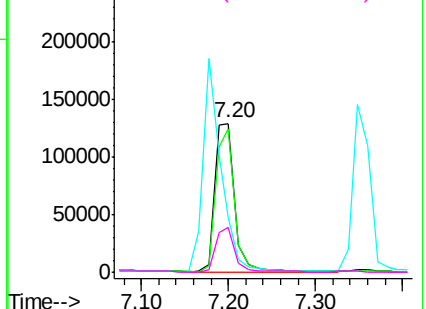
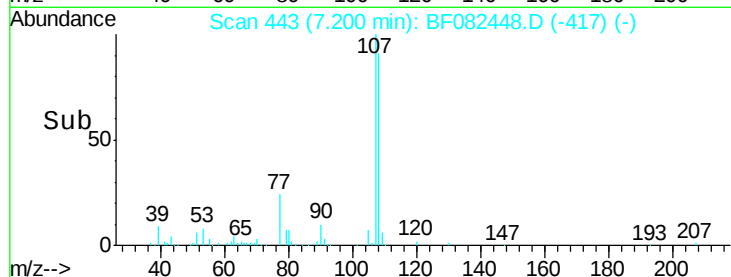


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Tgt Ion:136 Resp: 413098

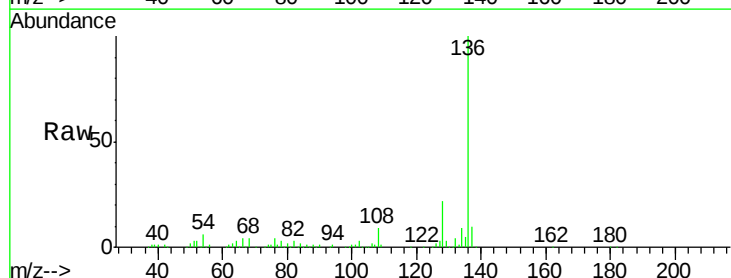
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.6

54 6.0 7.5 11.3#

68 4.1 4.6 7.0#

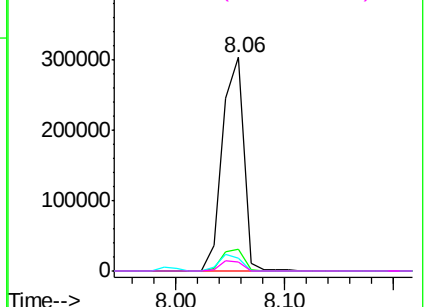
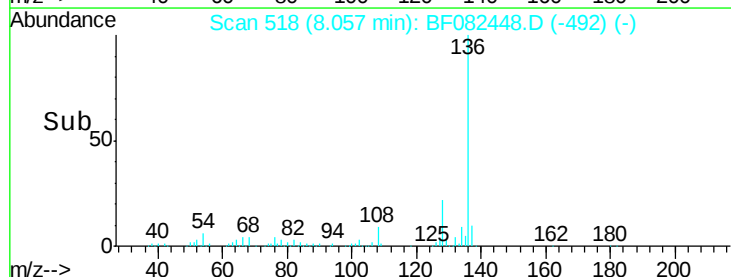


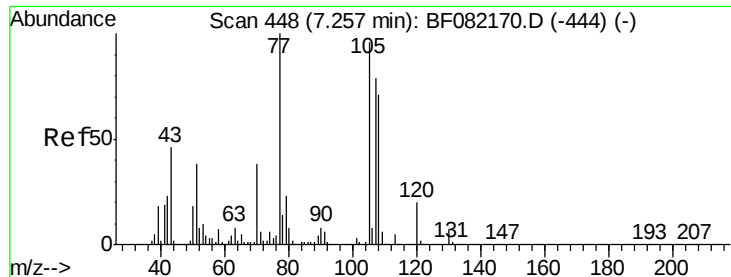
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 32.64 ng

RT: 7.18 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

ClientSampleId :

PB86203BS

Tgt Ion:105 Resp: 266708

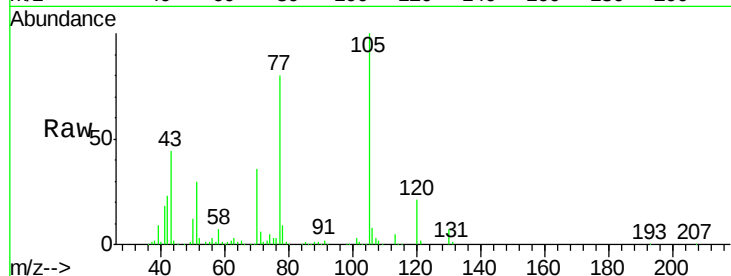
Ion Ratio Lower Upper

105 100

71 6.0 5.4 8.0

51 29.8 31.8 47.6#

120 20.7 16.3 24.5

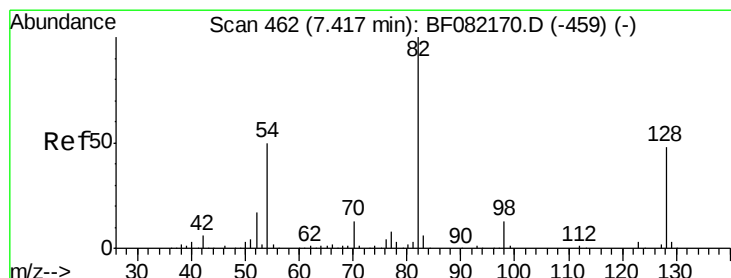
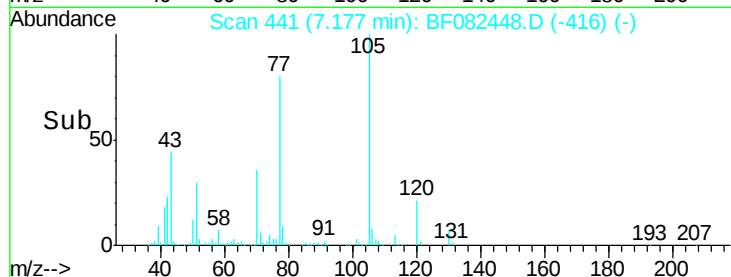
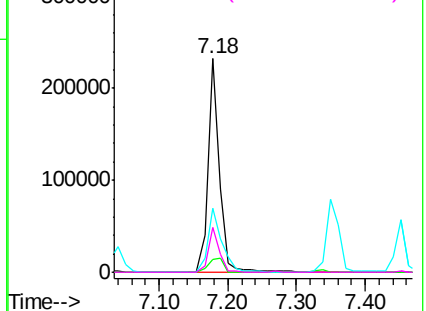


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 69.00 ng

RT: 7.34 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

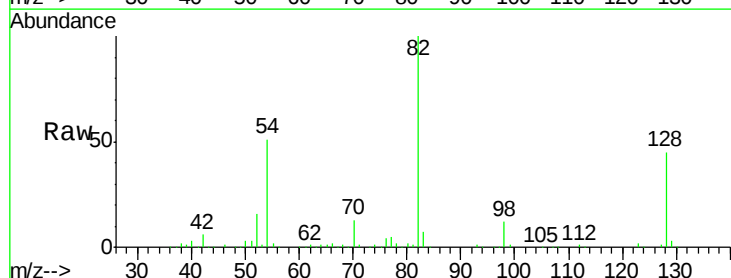
Tgt Ion: 82 Resp: 424423

Ion Ratio Lower Upper

82 100

128 44.8 38.7 58.1

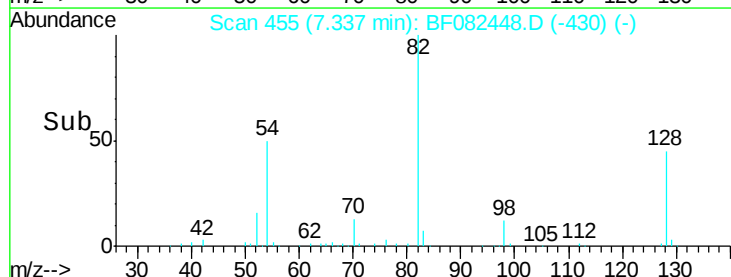
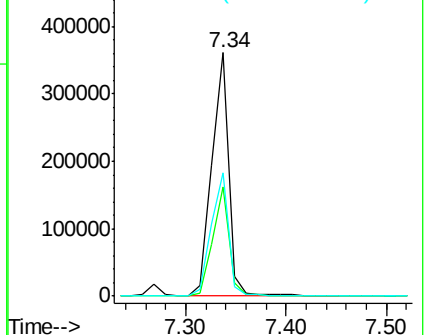
54 50.7 40.1 60.1

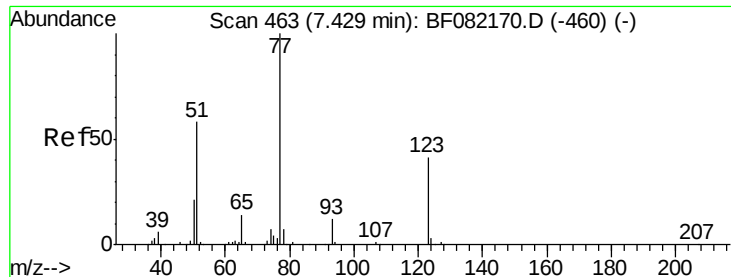


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 29.73 ng

RT: 7.35 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

ClientSampleId :

PB86203BS

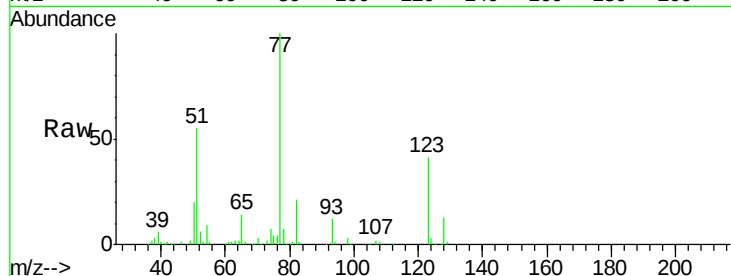
Tgt Ion: 77 Resp: 197945

Ion Ratio Lower Upper

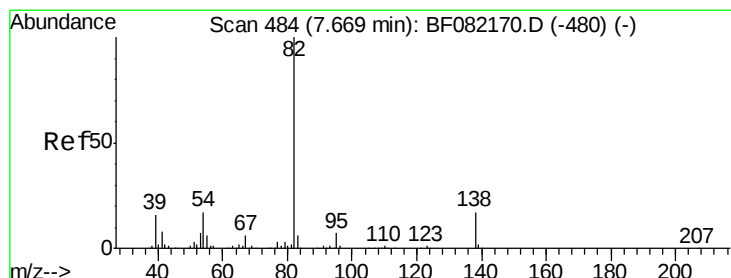
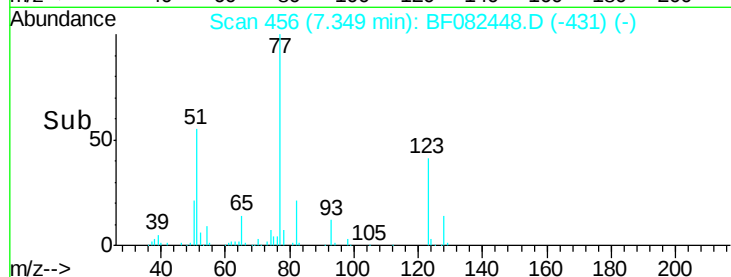
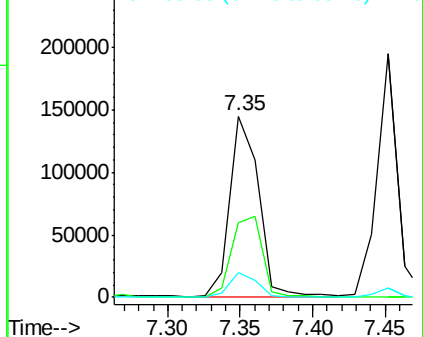
77 100

123 41.1 33.0 49.4

65 13.6 11.2 16.8



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



#25

Isophorone

Concen: 30.52 ng

RT: 7.59 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

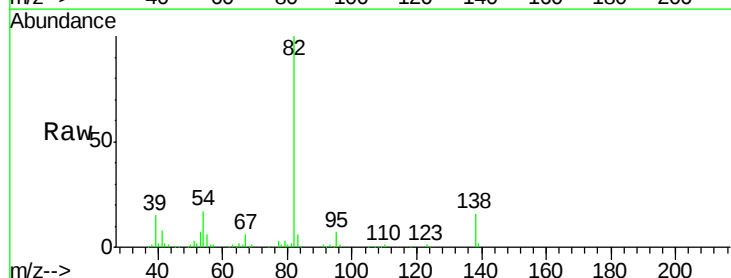
Tgt Ion: 82 Resp: 378856

Ion Ratio Lower Upper

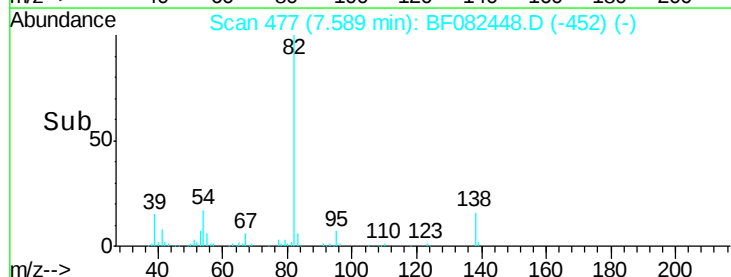
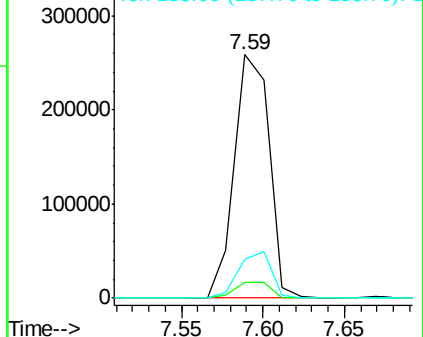
82 100

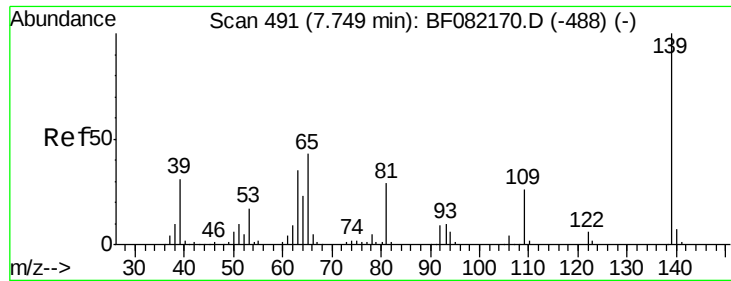
95 6.7 5.6 8.4

138 16.0 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

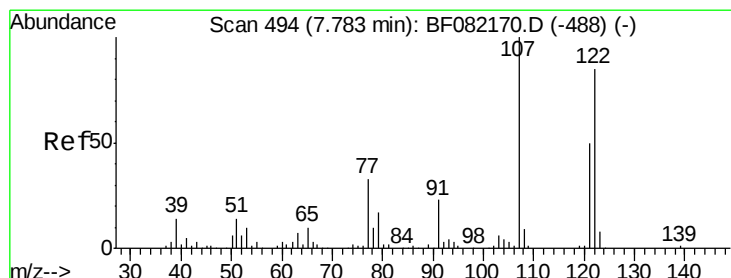
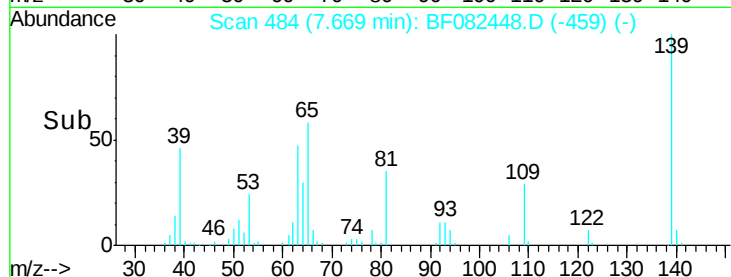
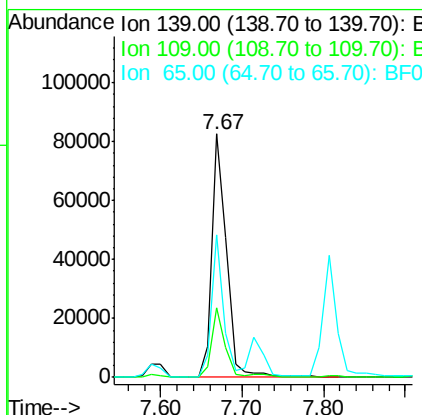
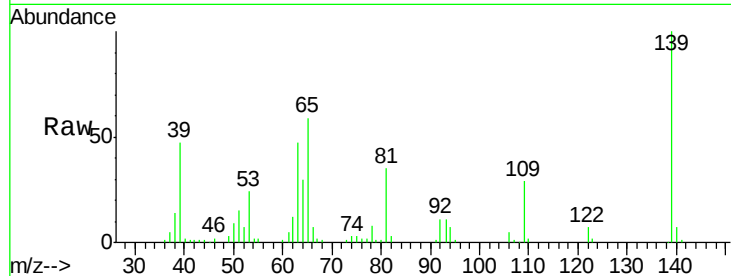




#26
2-Nitrophenol
Concen: 31.59 ng
RT: 7.67 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

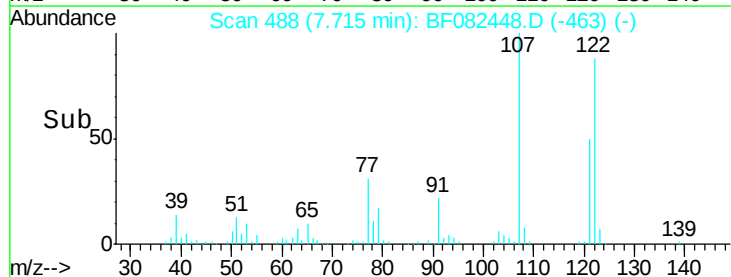
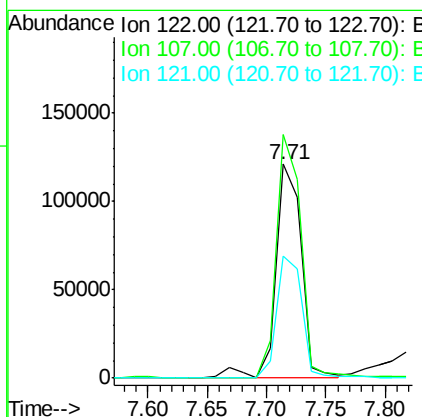
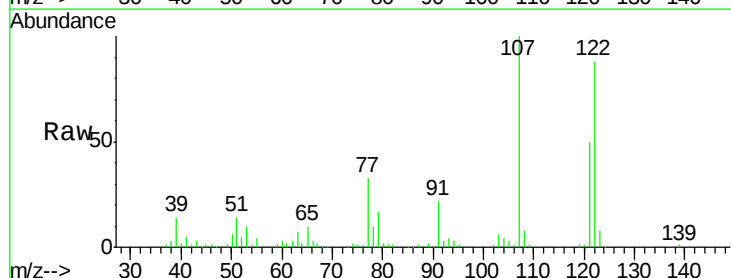
Instrument :
BNA_F
ClientSampleId :
PB86203BS

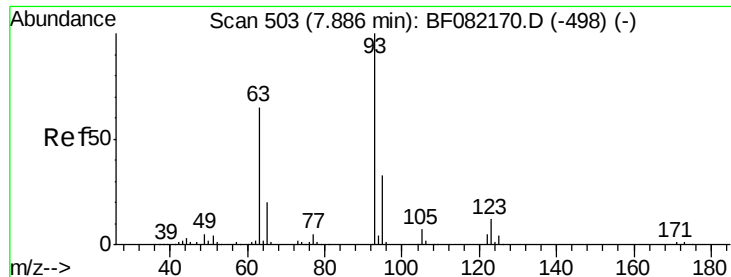
Tgt Ion:139 Resp: 105034
Ion Ratio Lower Upper
139 100
109 28.7 20.6 31.0
65 58.5 34.3 51.5#



#27
2,4-Dimethylphenol
Concen: 33.36 ng
RT: 7.71 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Tgt Ion:122 Resp: 178678
Ion Ratio Lower Upper
122 100
107 113.9 94.0 141.0
121 57.0 46.8 70.2

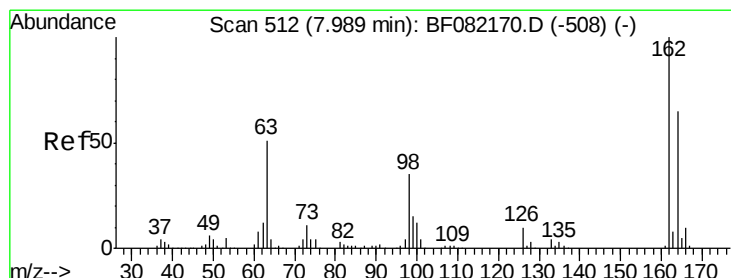
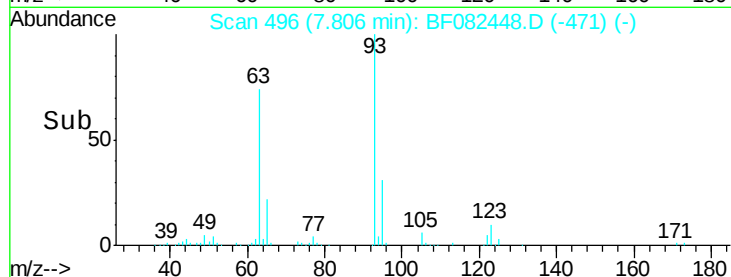
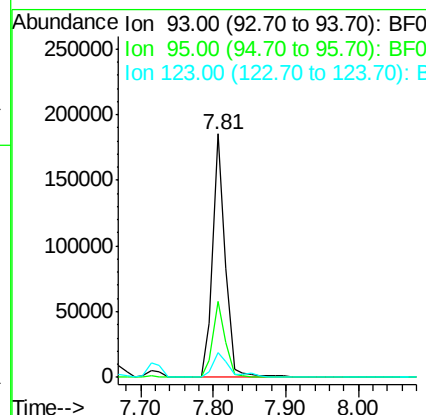
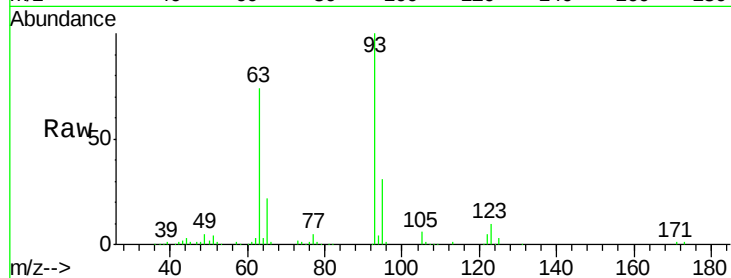




#28
bis(2-Chloroethoxy)methane
Concen: 31.36 ng
RT: 7.81 min Scan# 496
Delta R.T. -0.01 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

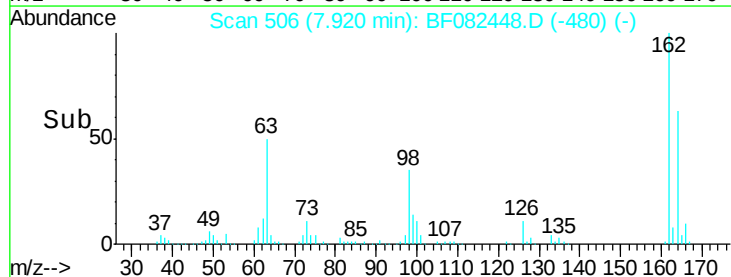
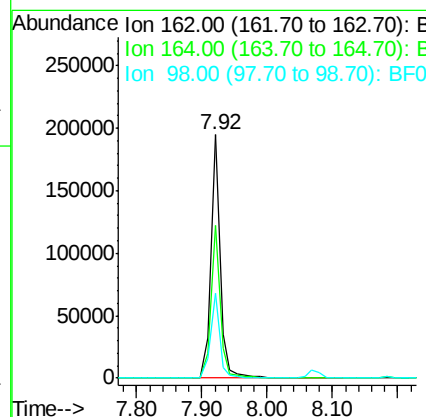
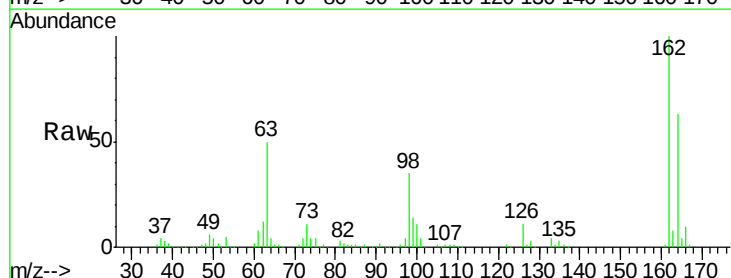
Instrument :
BNA_F
ClientSampleId :
PB86203BS

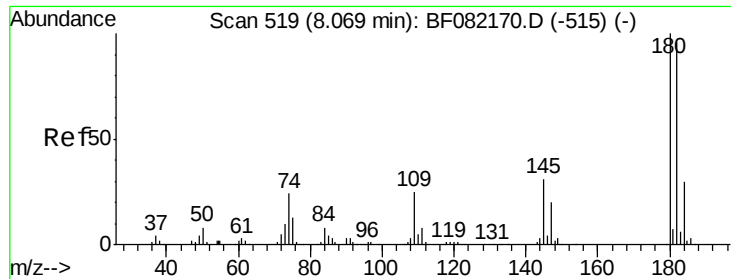
Tgt Ion: 93 Resp: 226552
Ion Ratio Lower Upper
93 100
95 31.3 26.6 39.8
123 10.1 9.5 14.3



#29
2,4-Dichlorophenol
Concen: 35.91 ng
RT: 7.92 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Tgt Ion: 162 Resp: 192277
Ion Ratio Lower Upper
162 100
164 63.0 44.6 84.6
98 34.7 15.0 55.0

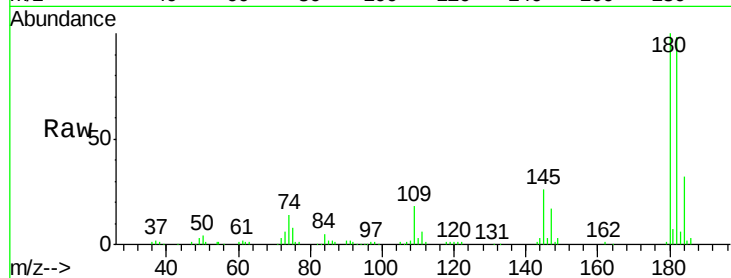




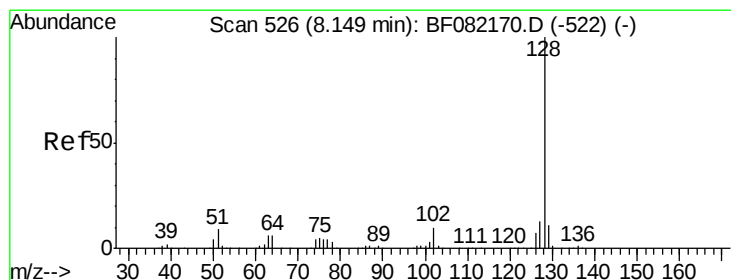
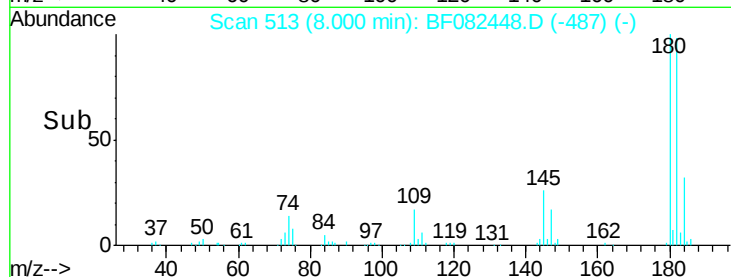
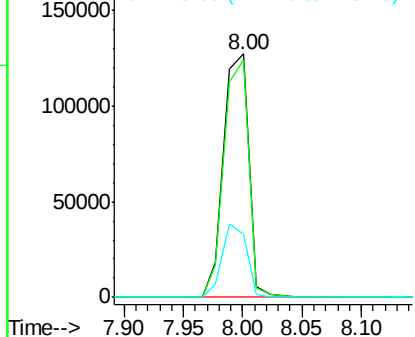
#30
 1,2,4-Trichlorobenzene
 Concen: 30.31 ng
 RT: 8.00 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF082448.D
 Acq: 22 Oct 2015 16:43

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tgt Ion:180 Resp: 187080
 Ion Ratio Lower Upper
 180 100
 182 97.5 77.0 115.4
 145 25.7 25.0 37.4

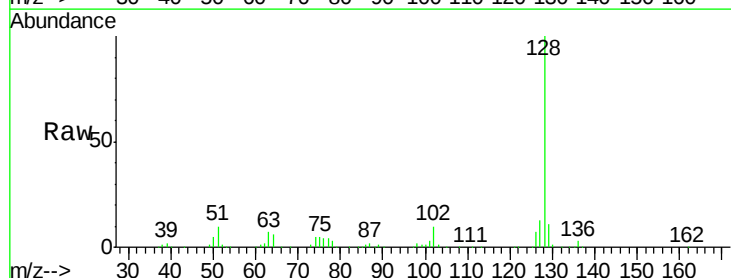


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

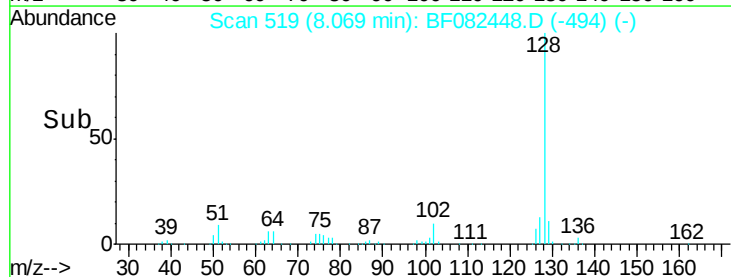
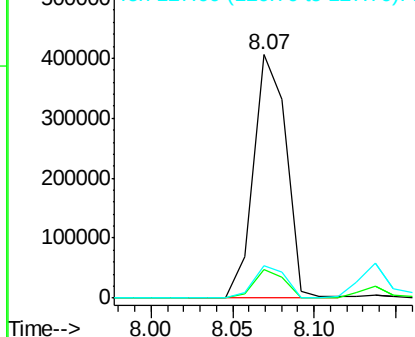


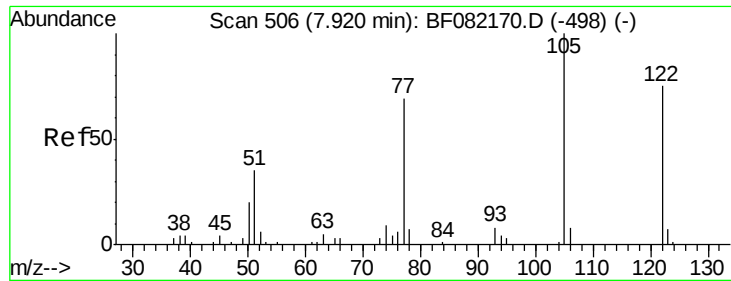
#31
 Naphthalene
 Concen: 31.55 ng
 RT: 8.07 min Scan# 519
 Delta R.T. -0.01 min
 Lab File: BF082448.D
 Acq: 22 Oct 2015 16:43

Tgt Ion:128 Resp: 564928
 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

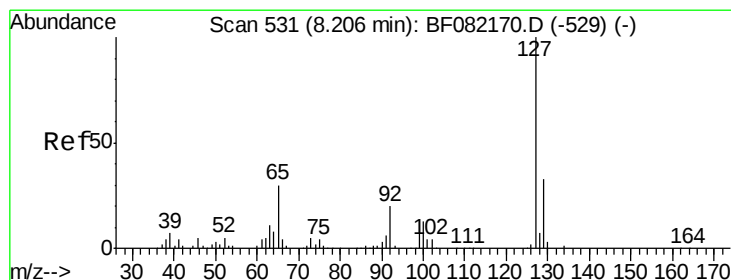
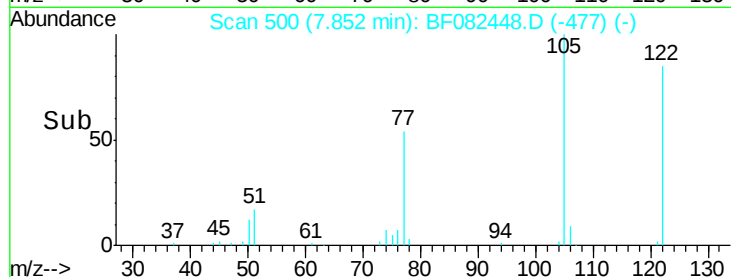
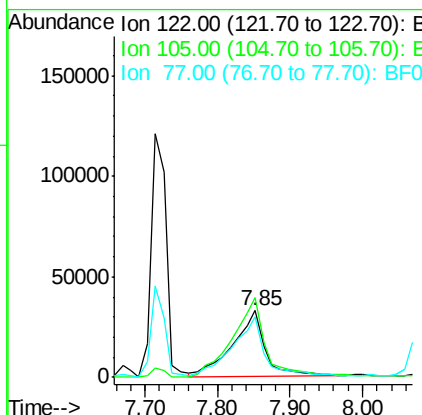
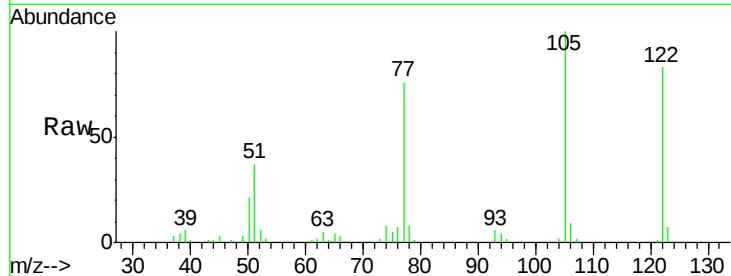




#32
Benzoic acid
Concen: 27.89 ng
RT: 7.85 min Scan# 500
Delta R.T. -0.03 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

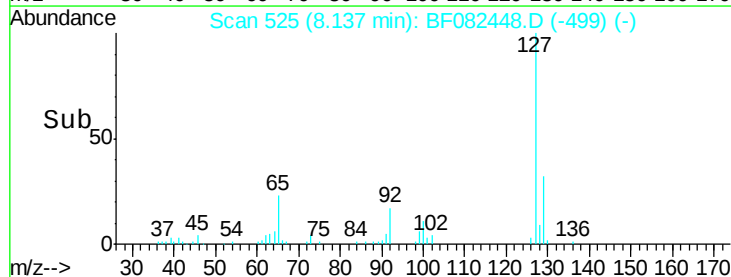
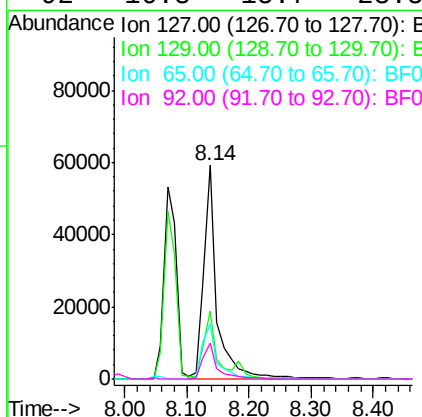
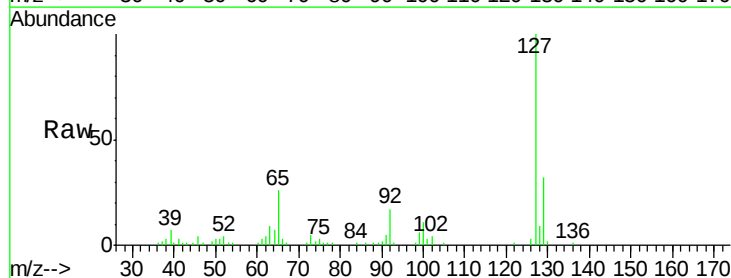
Instrument :
BNA_F
ClientSampleId :
PB86203BS

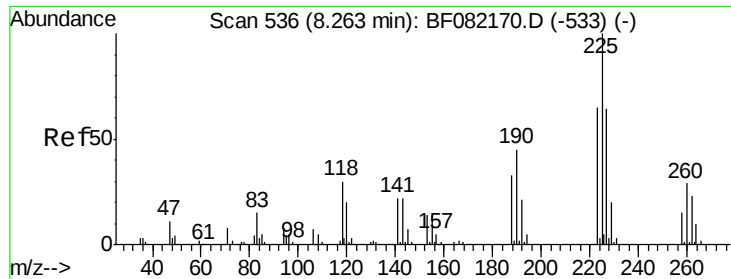
Tgt Ion:122 Resp: 100260
Ion Ratio Lower Upper
122 100
105 119.8 104.4 144.4
77 90.6 69.0 109.0



#33
4-Chloroaniline
Concen: 12.01 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Tgt Ion:127 Resp: 89317
Ion Ratio Lower Upper
127 100
129 32.0 26.3 39.5
65 25.5 24.4 36.6
92 16.8 15.7 23.5

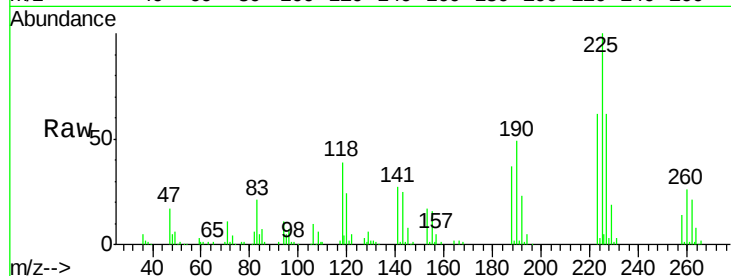




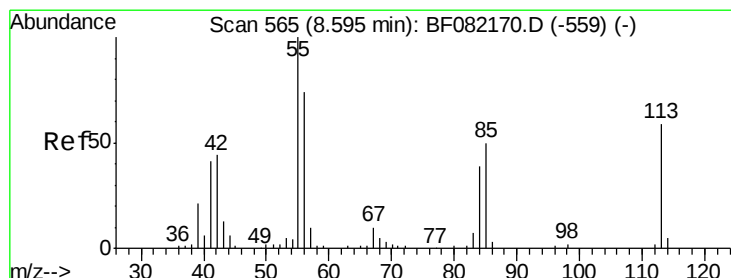
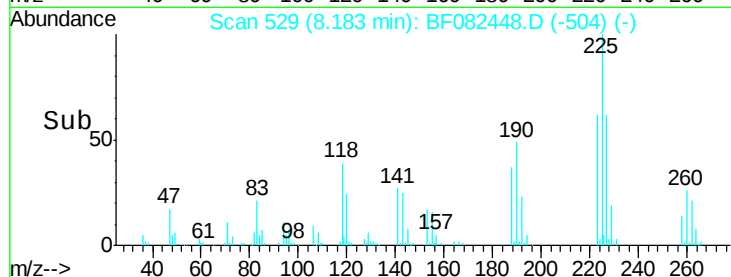
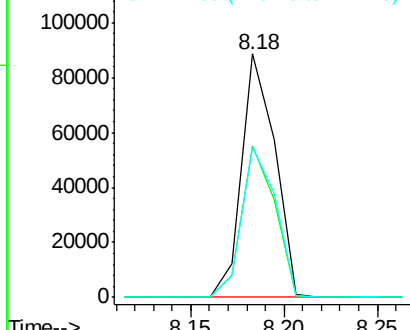
#34
Hexachlorobutadiene
Concen: 28.39 ng
RT: 8.18 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tgt Ion: 225 Resp: 109197
Ion Ratio Lower Upper
225 100
223 62.1 52.2 78.2
227 61.8 51.3 76.9

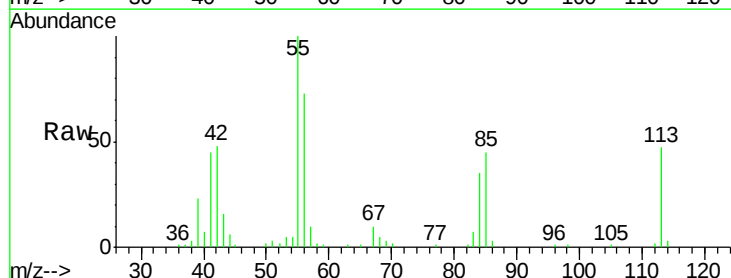


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

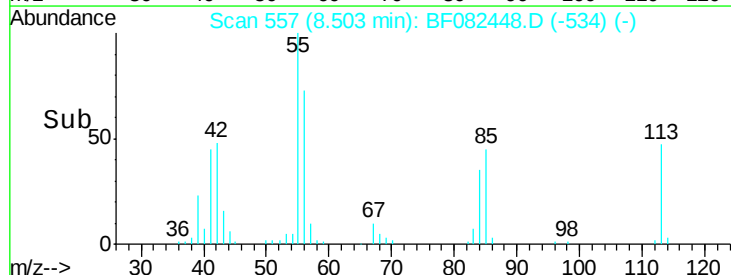
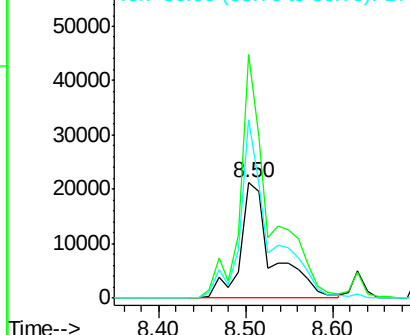


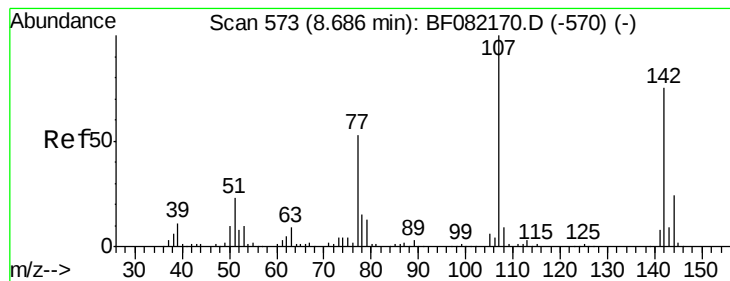
#35
Caprolactam
Concen: 35.87 ng
RT: 8.50 min Scan# 557
Delta R.T. -0.03 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Tgt Ion: 113 Resp: 55747
Ion Ratio Lower Upper
113 100
55 211.4 149.7 189.7#
56 155.0 105.4 145.4#



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: 35.42 ng

RT: 8.63 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

ClientSampleId :

PB86203BS

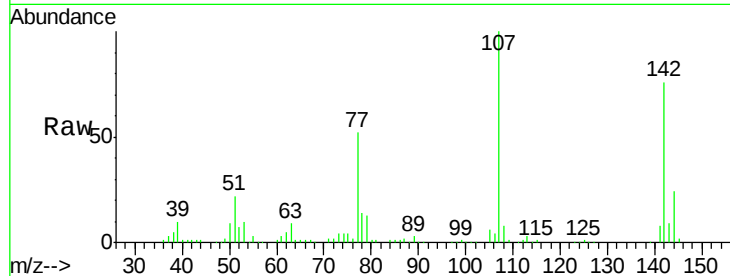
Tgt Ion:107 Resp: 185455

Ion Ratio Lower Upper

107 100

144 23.8 19.3 28.9

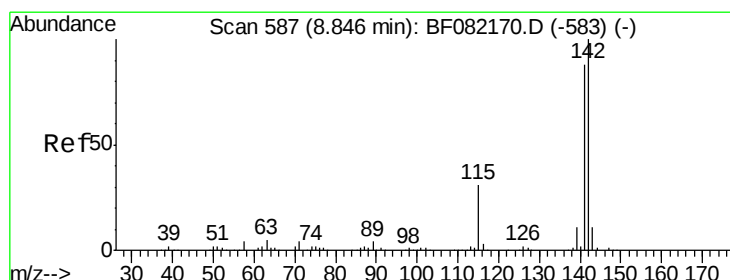
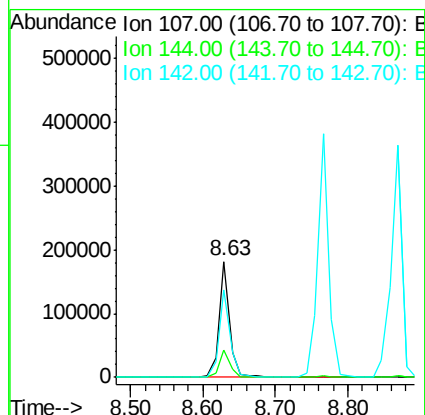
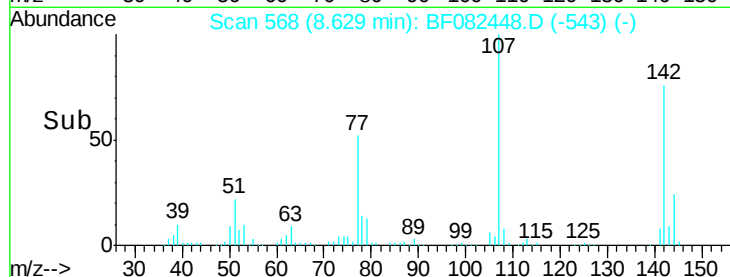
142 75.5 59.9 89.9



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 32.25 ng

RT: 8.77 min Scan# 580

Delta R.T. -0.00 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

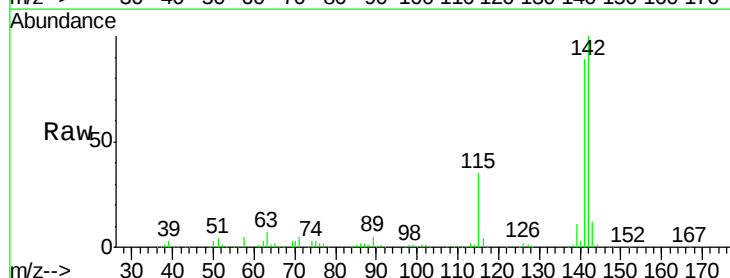
Tgt Ion:142 Resp: 400334

Ion Ratio Lower Upper

142 100

141 89.0 70.4 105.6

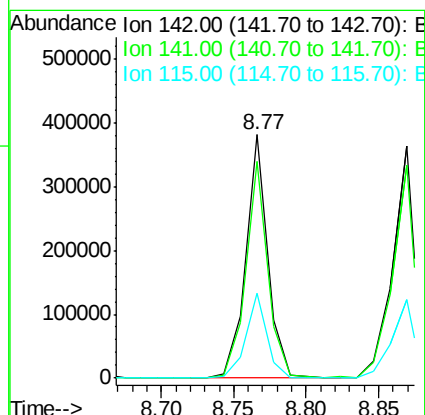
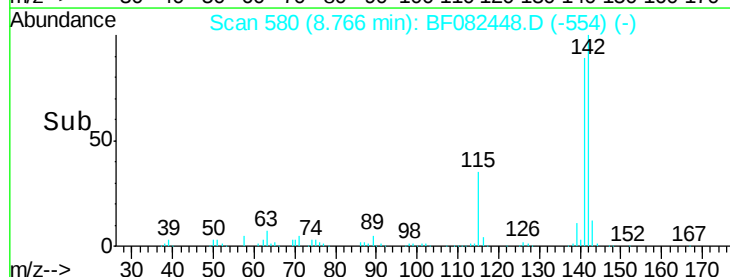
115 34.6 24.6 37.0

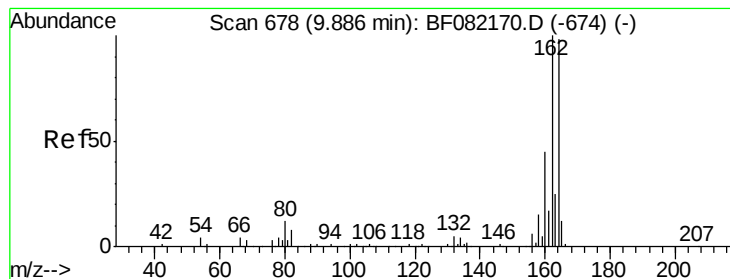


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

ClientSampleId :

PB86203BS

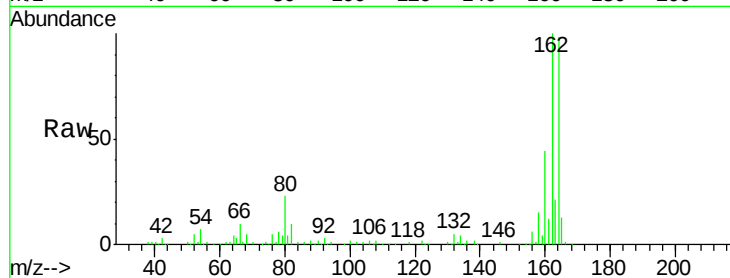
Tgt Ion:164 Resp: 207350

Ion Ratio Lower Upper

164 100

162 101.8 81.6 122.4

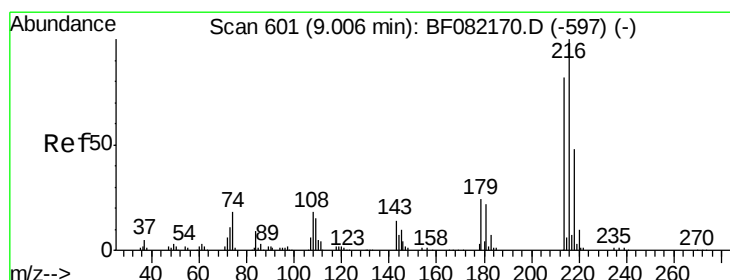
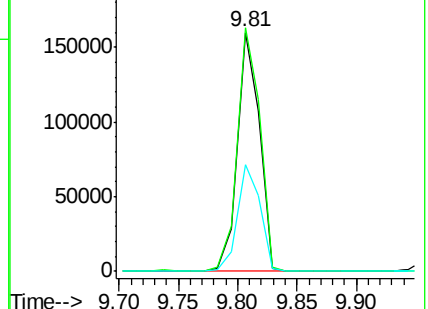
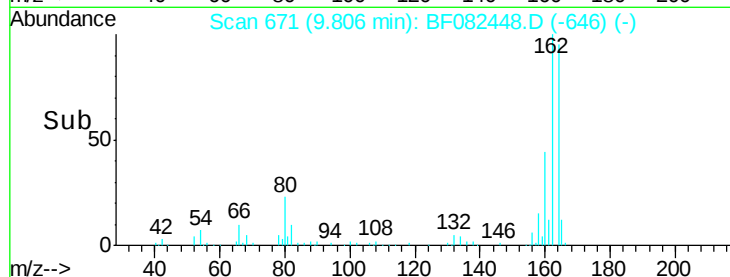
160 44.5 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.52 ng

RT: 8.94 min Scan# 595

Delta R.T. -0.00 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Tgt Ion:216 Resp: 206758

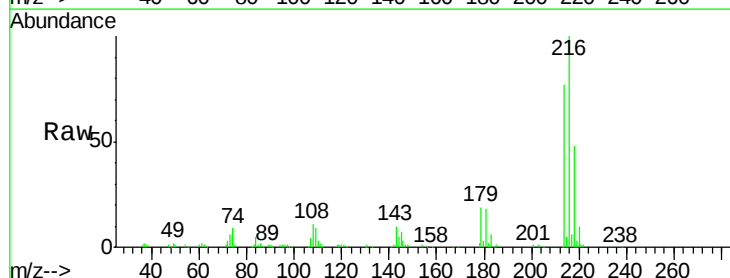
Ion Ratio Lower Upper

216 100

214 77.4 64.6 97.0

179 20.2 17.6 26.4

108 17.1 14.5 21.7

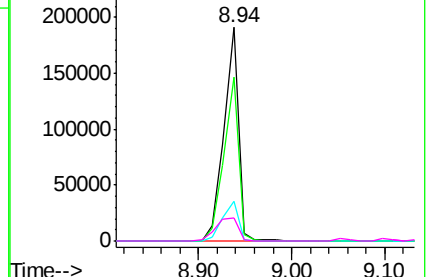
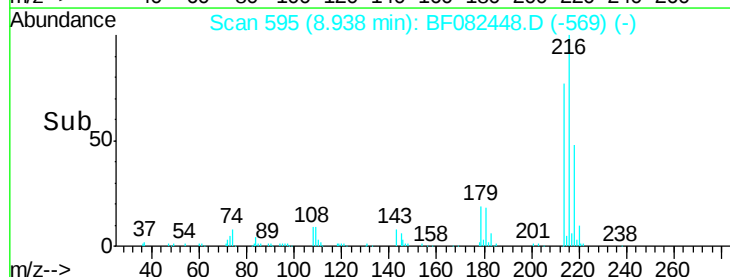


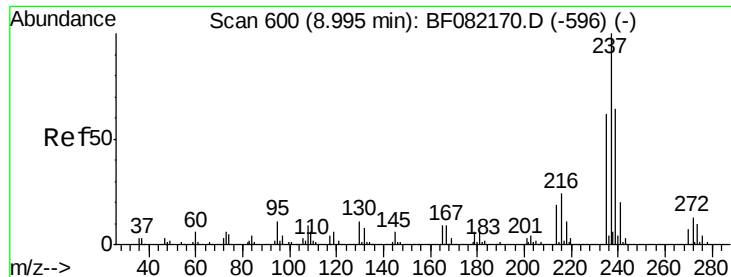
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

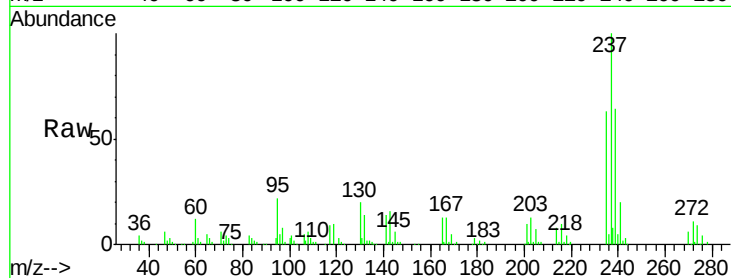




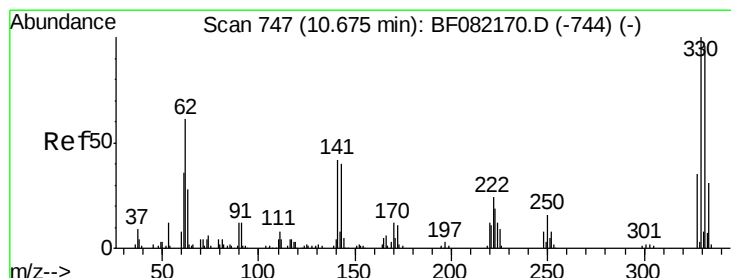
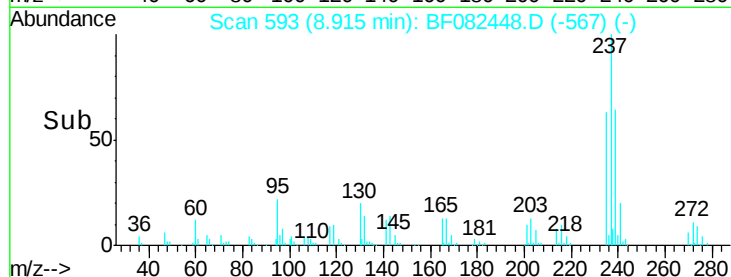
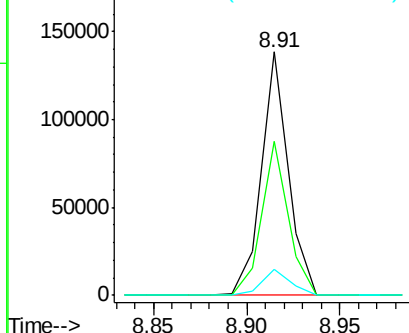
#40
Hexachlorocyclopentadiene
Concen: 47.60 ng
RT: 8.91 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tgt Ion: 237 Resp: 136835
Ion Ratio Lower Upper
237 100
235 63.5 41.7 81.7
272 10.6 0.0 32.8

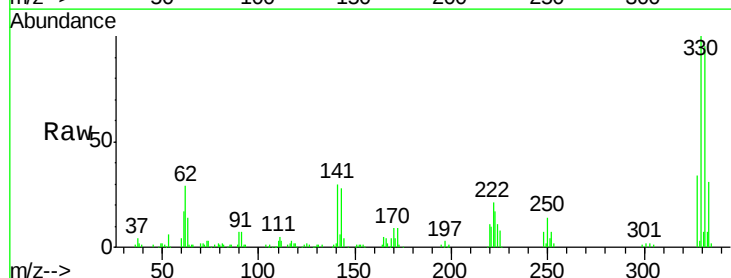


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

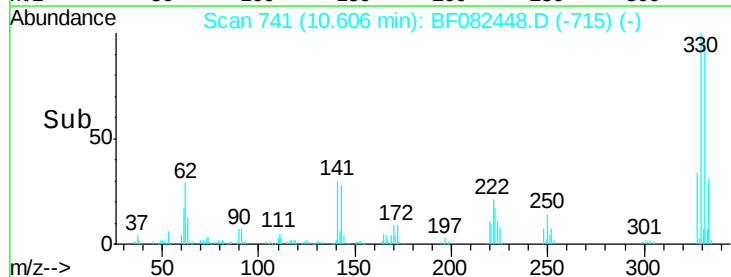
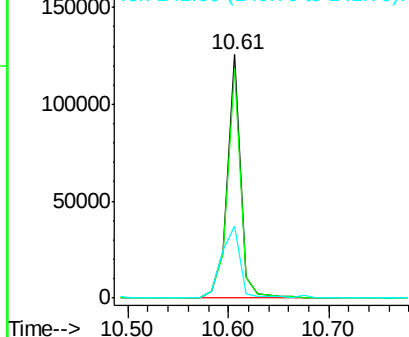


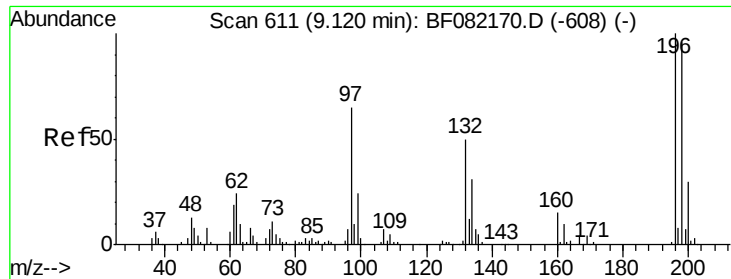
#41
2,4,6-Tribromophenol
Concen: 59.96 ng
RT: 10.61 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Tgt Ion: 330 Resp: 116587
Ion Ratio Lower Upper
330 100
332 95.9 77.1 115.7
141 40.9 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: 30.55 ng

RT: 9.05 min Scan# 605

Delta R.T. -0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

ClientSampleId :

PB86203BS

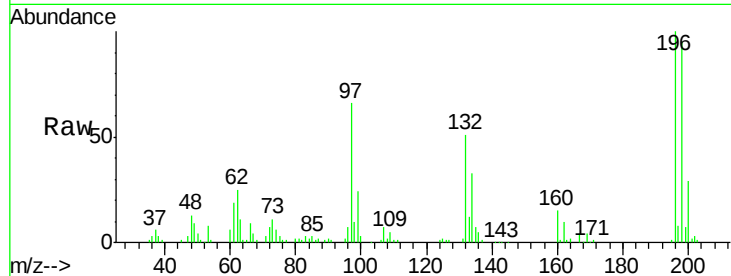
Tgt Ion:196 Resp: 125125

Ion Ratio Lower Upper

196 100

198 95.2 76.6 115.0

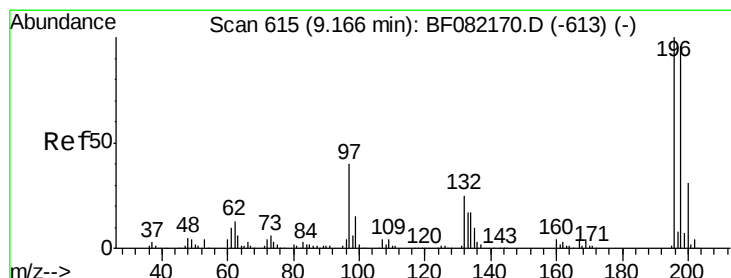
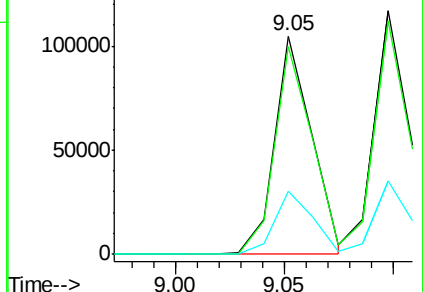
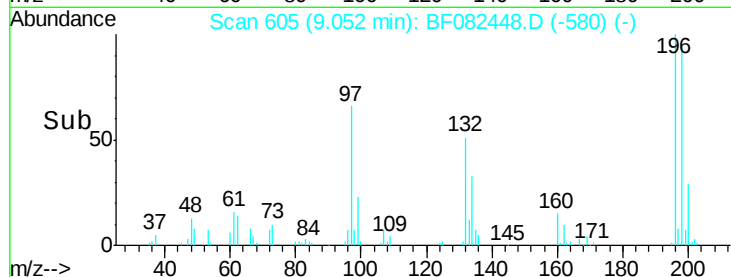
200 29.0 23.7 35.5



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: 32.13 ng

RT: 9.10 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Tgt Ion:196 Resp: 142560

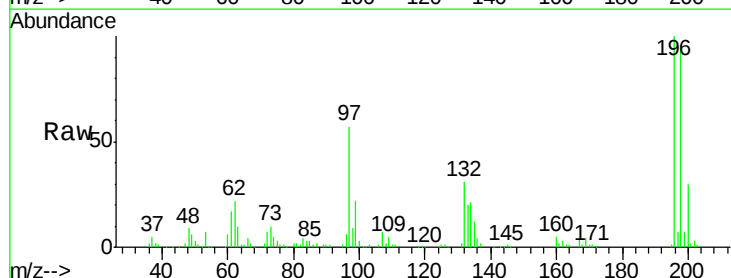
Ion Ratio Lower Upper

196 100

198 96.1 77.0 115.4

97 56.8 31.9 47.9#

132 31.3 20.3 30.5#

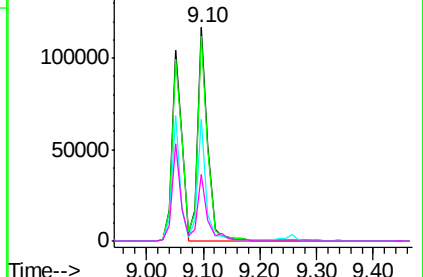
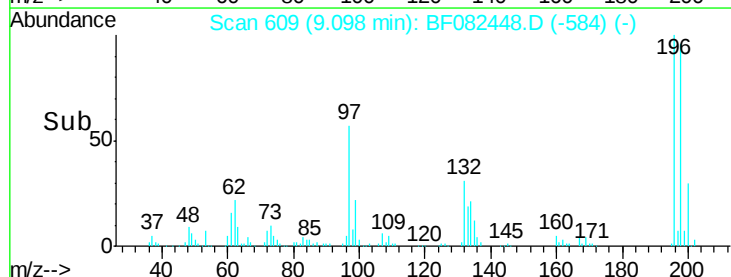


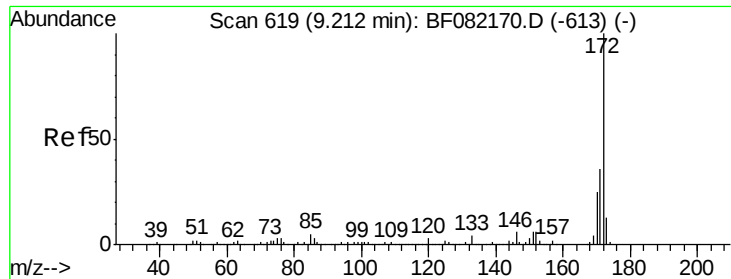
Abundance Ion 196.00 (195.70 to 196.70): E

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

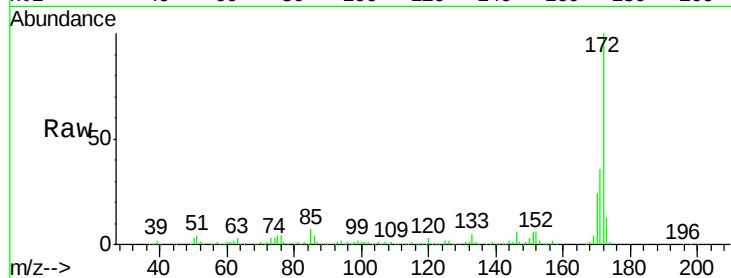




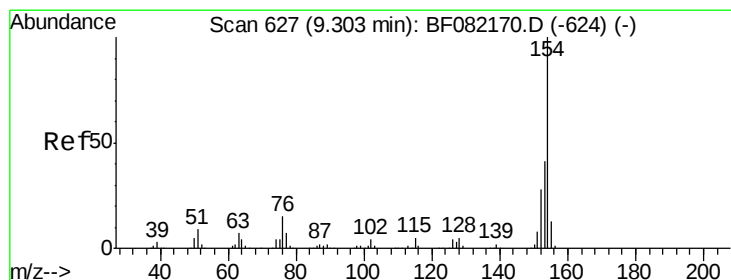
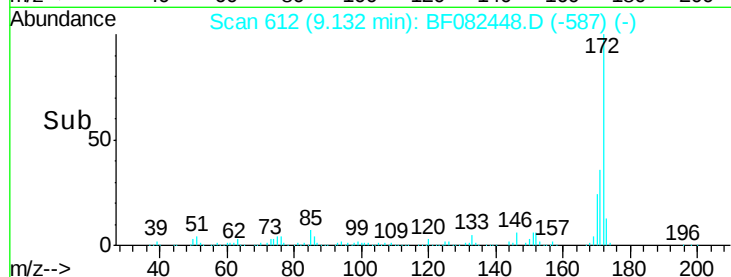
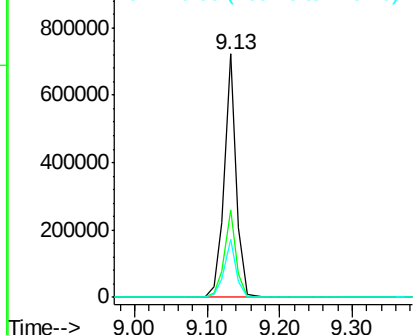
#44
 2-Fluorobiphenyl
 Concen: 66.06 ng
 RT: 9.13 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF082448.D
 Acq: 22 Oct 2015 16:43

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tgt Ion:172 Resp: 825959
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 42.8
 170 23.9 19.7 29.5

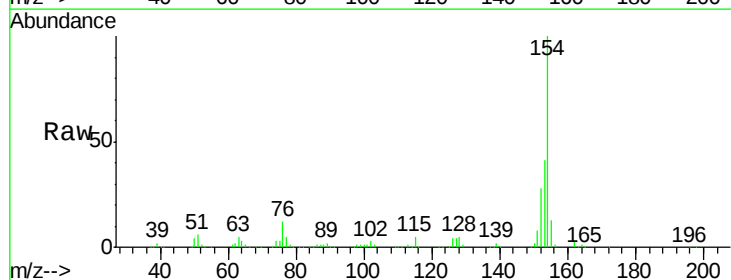


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

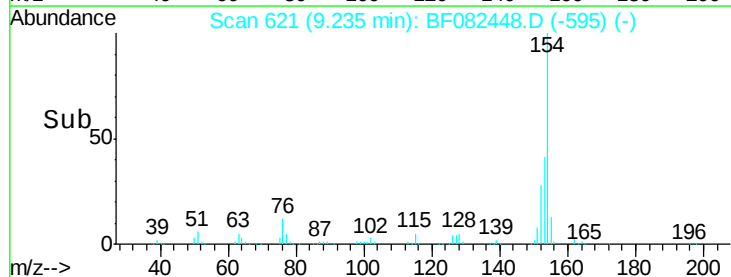
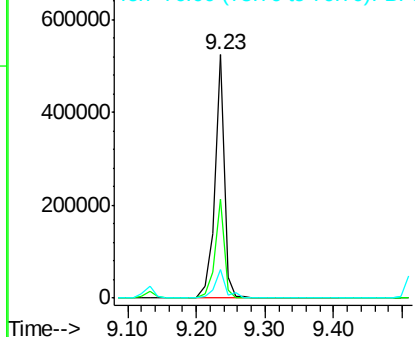


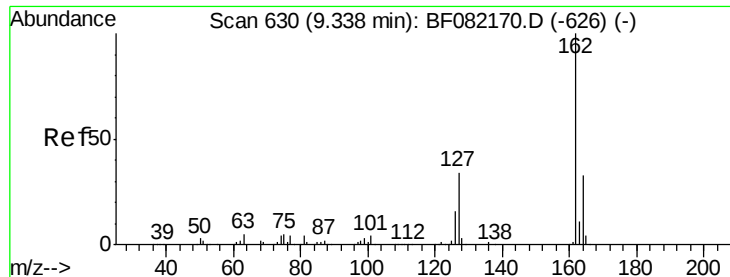
#45
 1,1'-Biphenyl
 Concen: 32.57 ng
 RT: 9.23 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF082448.D
 Acq: 22 Oct 2015 16:43

Tgt Ion:154 Resp: 514949
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.6 60.6
 76 11.5 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

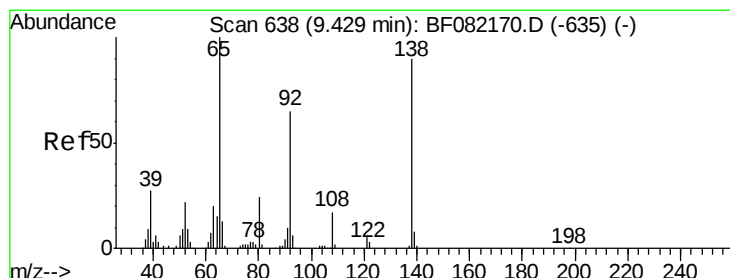
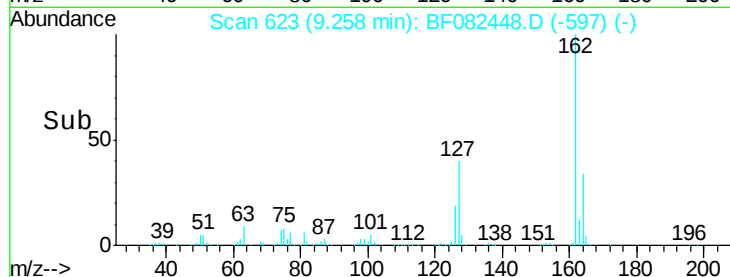
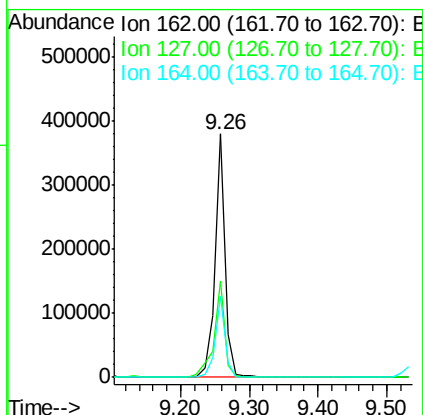
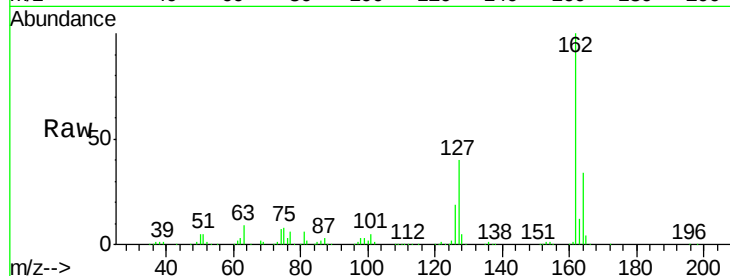




#46
 2-Chloronaphthalene
 Concen: 31.61 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF082448.D
 Acq: 22 Oct 2015 16:43

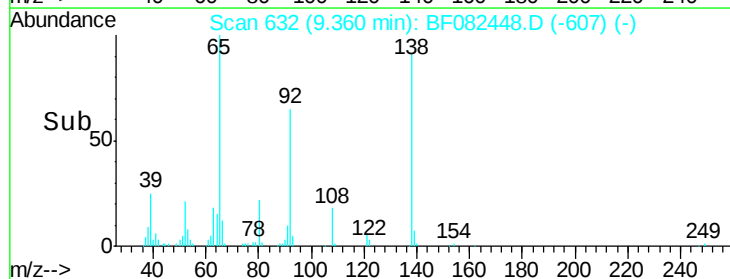
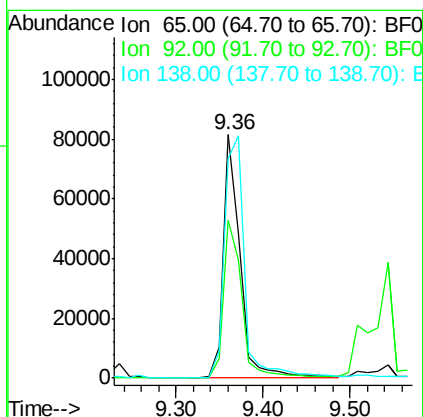
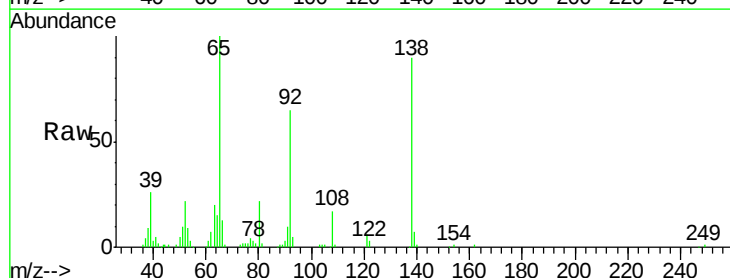
Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

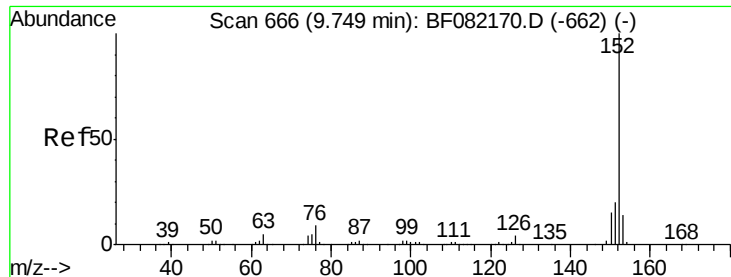
Tgt Ion: 162 Resp: 393418
 Ion Ratio Lower Upper
 162 100
 127 39.6 27.5 41.3
 164 33.5 26.6 39.8



#47
 2-Nitroaniline
 Concen: 32.70 ng
 RT: 9.36 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF082448.D
 Acq: 22 Oct 2015 16:43

Tgt Ion: 65 Resp: 111737
 Ion Ratio Lower Upper
 65 100
 92 64.9 52.3 78.5
 138 90.3 72.2 108.4





#48

Acenaphthylene

Concen: 31.04 ng

RT: 9.67 min Scan# 659

Delta R.T. -0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

ClientSampleId :

PB86203BS

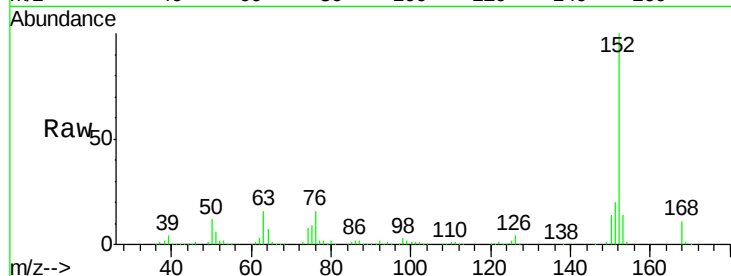
Tgt Ion:152 Resp: 601884

Ion Ratio Lower Upper

152 100

151 19.8 16.4 24.6

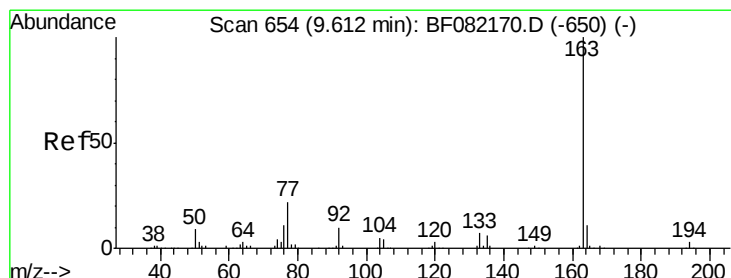
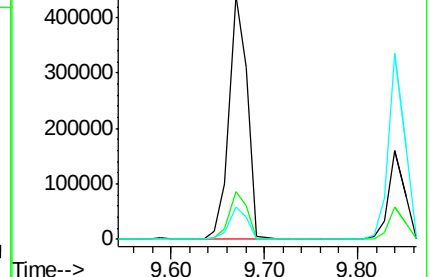
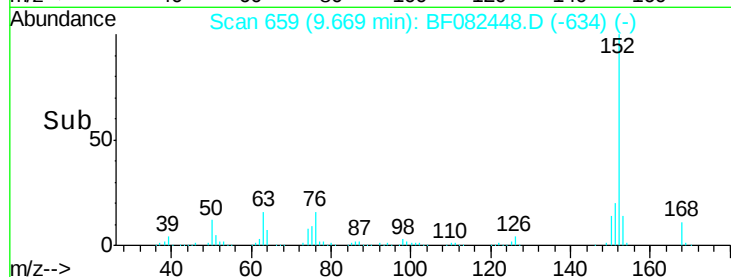
153 13.6 10.8 16.2



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: 33.80 ng

RT: 9.54 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

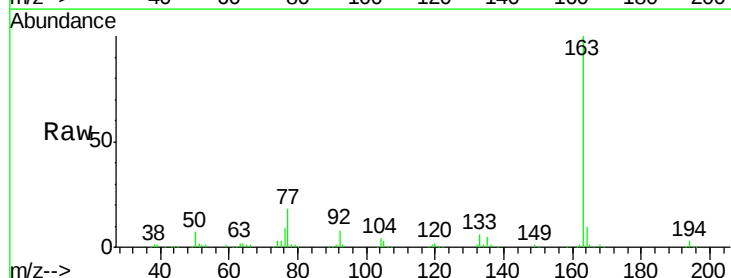
Tgt Ion:163 Resp: 493451

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

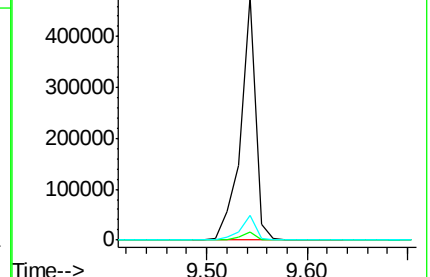
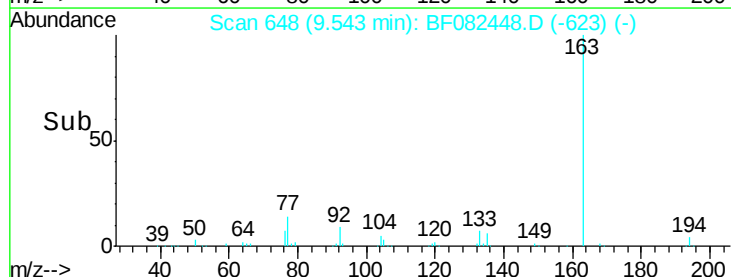
164 10.2 8.5 12.7

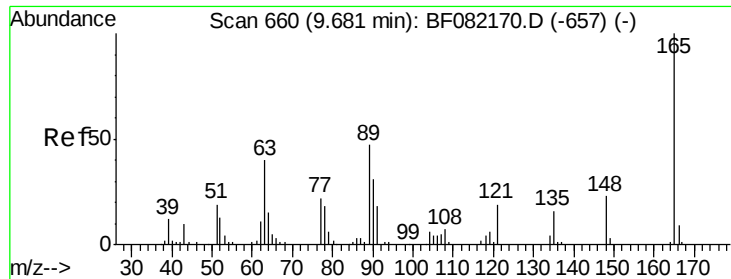


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

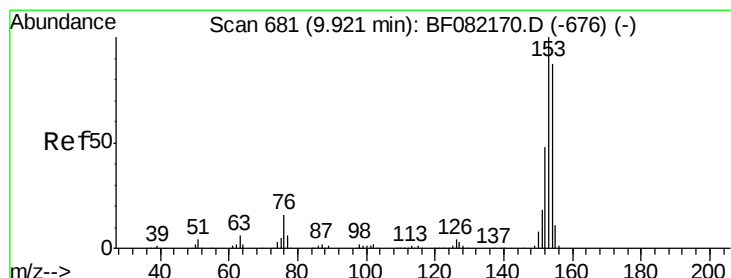
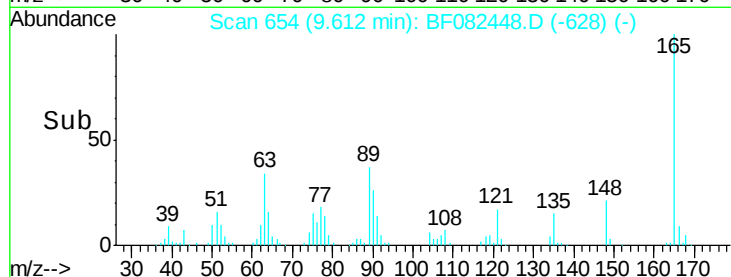
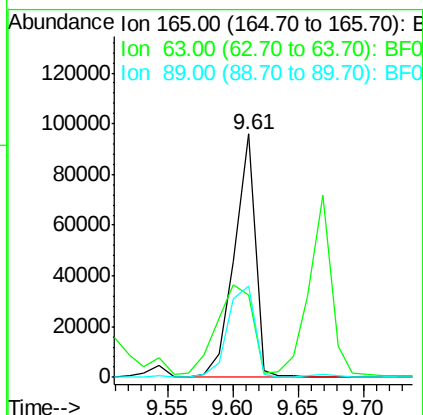
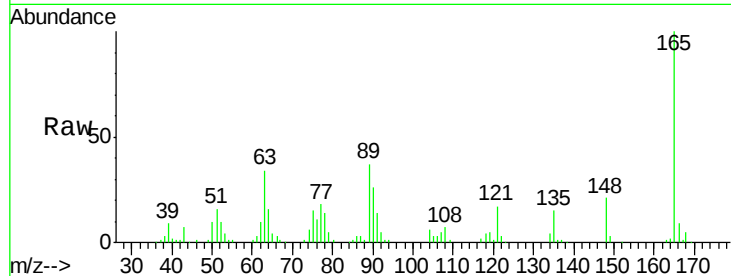




#50
 2,6-Dinitrotoluene
 Concen: 34.79 ng
 RT: 9.61 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: BF082448.D
 Acq: 22 Oct 2015 16:43

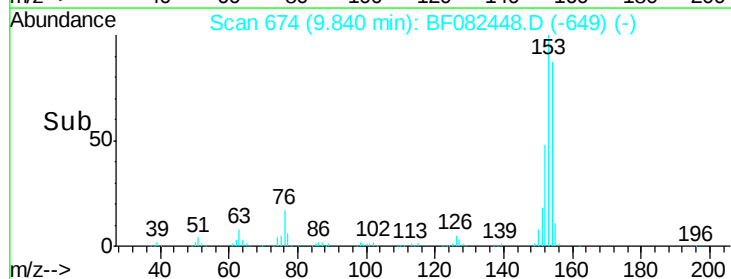
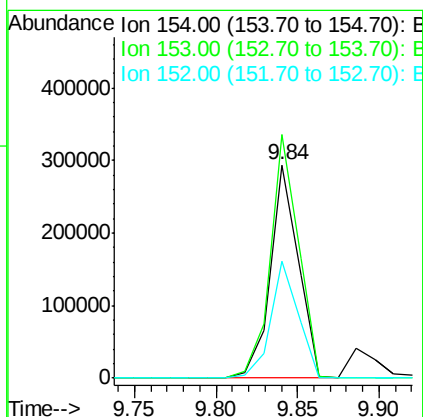
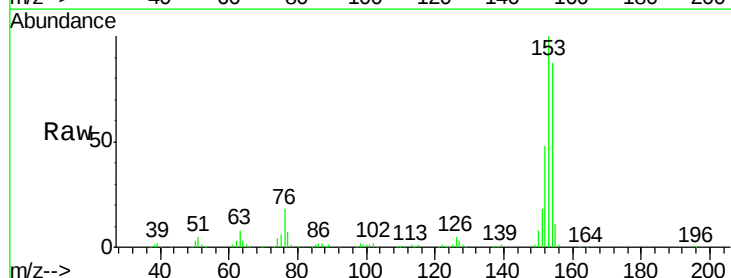
Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

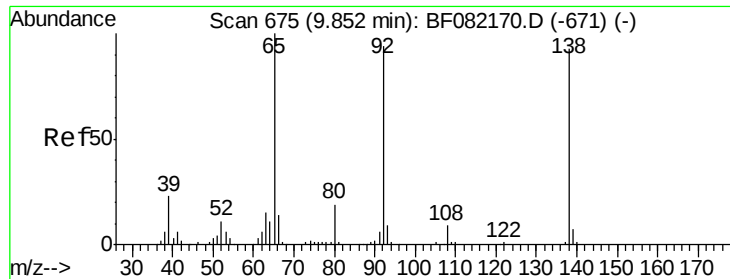
Tgt Ion:165 Resp: 107176
 Ion Ratio Lower Upper
 165 100
 63 33.9 36.7 55.1#
 89 37.4 37.8 56.6#



#51
 Acenaphthene
 Concen: 30.25 ng
 RT: 9.84 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF082448.D
 Acq: 22 Oct 2015 16:43

Tgt Ion:154 Resp: 352082
 Ion Ratio Lower Upper
 154 100
 153 114.4 91.4 137.2
 152 54.7 44.3 66.5





#52

3-Nitroaniline

Concen: 14.39 ng

RT: 9.77 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

ClientSampleId :

PB86203BS

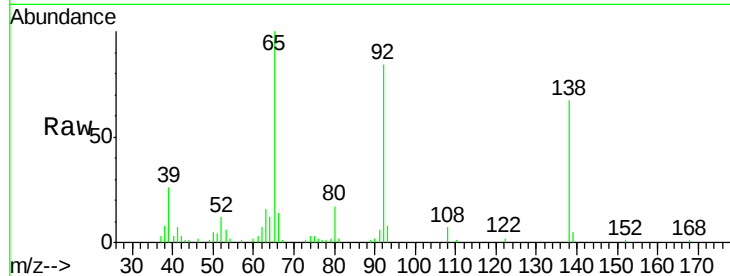
Tgt Ion:138 Resp: 50070

Ion Ratio Lower Upper

138 100

108 11.1 7.4 11.0#

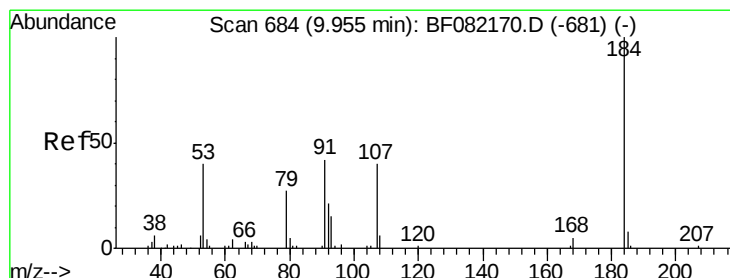
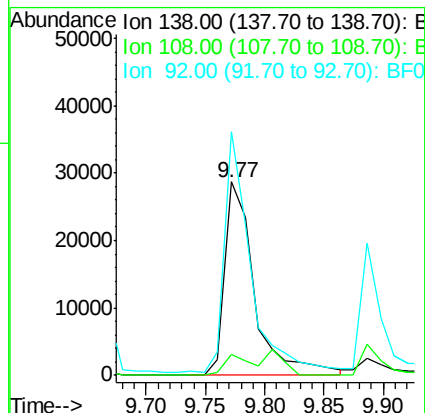
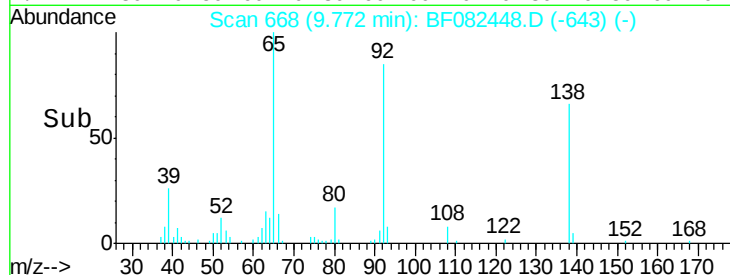
92 125.9 81.3 121.9#



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: 53.31 ng

RT: 9.89 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

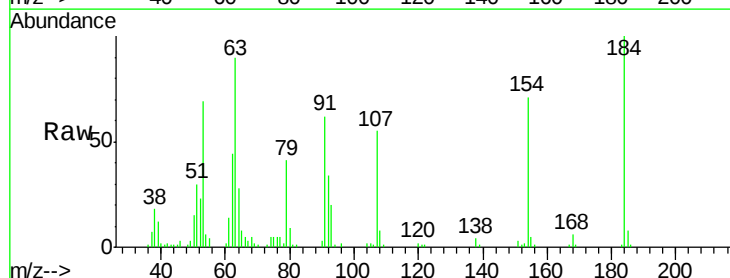
Tgt Ion:184 Resp: 87792

Ion Ratio Lower Upper

184 100

63 89.9 45.1 67.7#

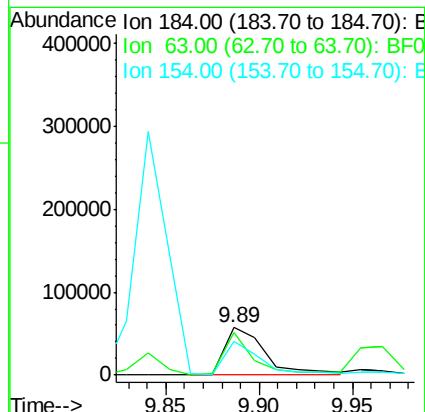
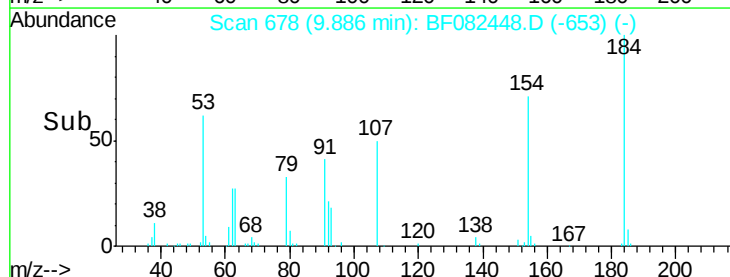
154 70.8 51.2 76.8

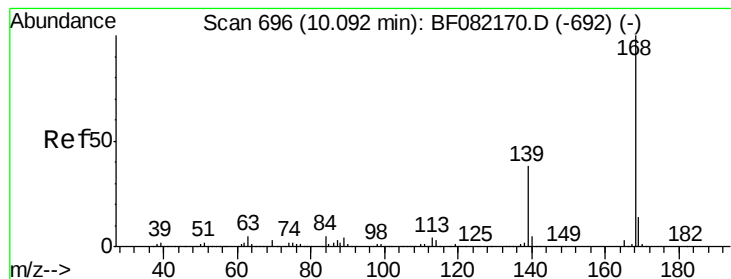


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 34.91 ng

RT: 10.02 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

ClientSampleId :

PB86203BS

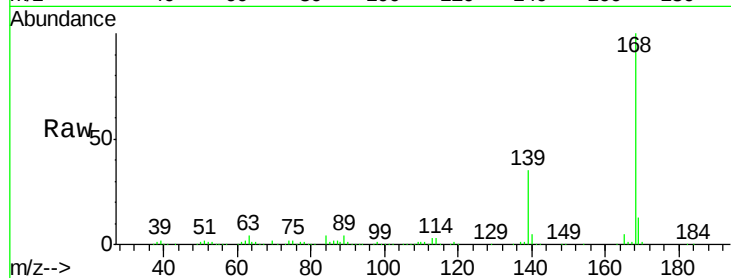
Tgt Ion:168 Resp: 557854

Ion Ratio Lower Upper

168 100

139 34.8 31.0 46.6

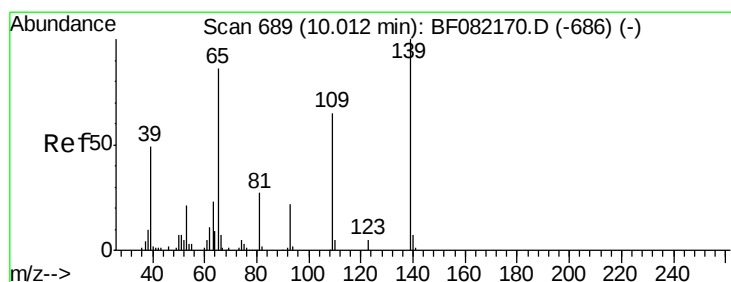
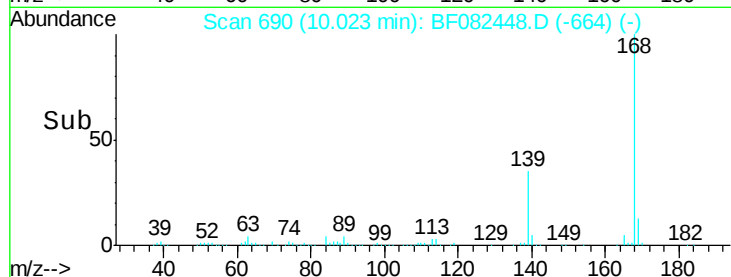
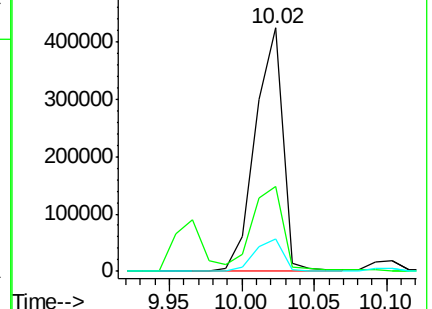
169 13.2 10.9 16.3



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: 59.23 ng

RT: 9.97 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

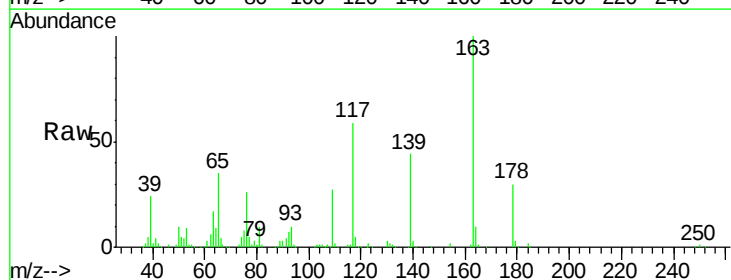
Tgt Ion:139 Resp: 127625

Ion Ratio Lower Upper

139 100

109 60.2 44.8 84.8

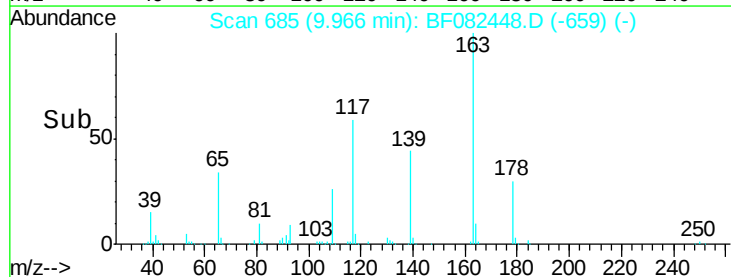
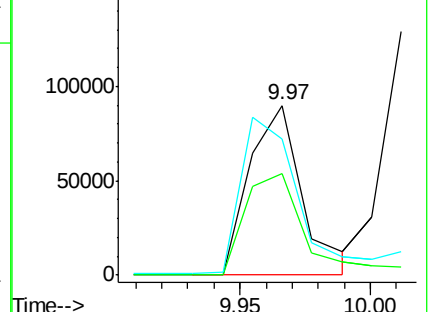
65 80.0 67.7 107.7

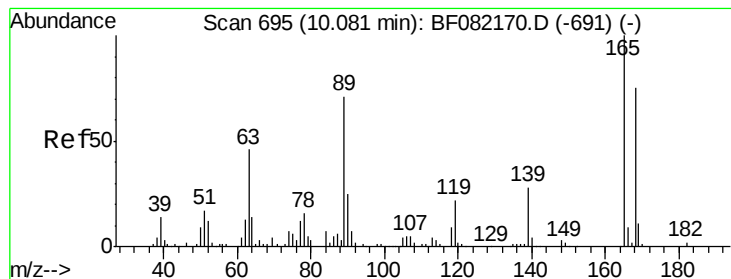


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 36.99 ng

RT: 10.01 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

ClientSampleId :

PB86203BS

Tgt Ion:165 Resp: 142418

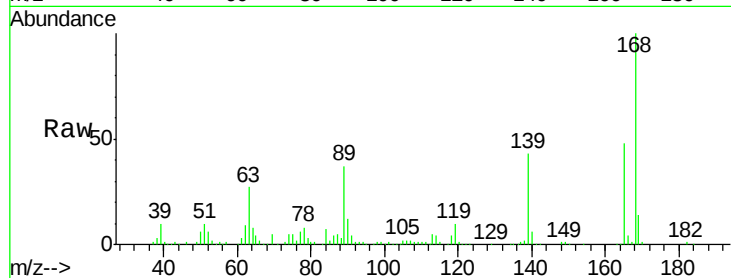
Ion Ratio Lower Upper

165 100

63 56.8 38.6 58.0

89 76.7 57.0 85.6

182 2.1 1.8 2.6

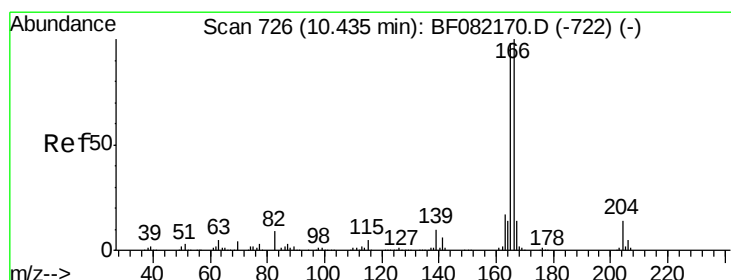
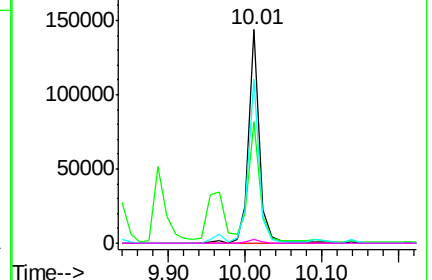
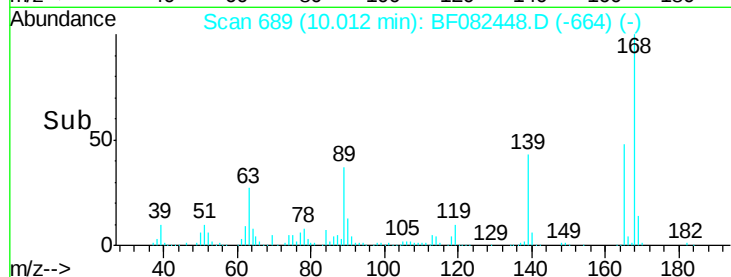


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 33.45 ng

RT: 10.37 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

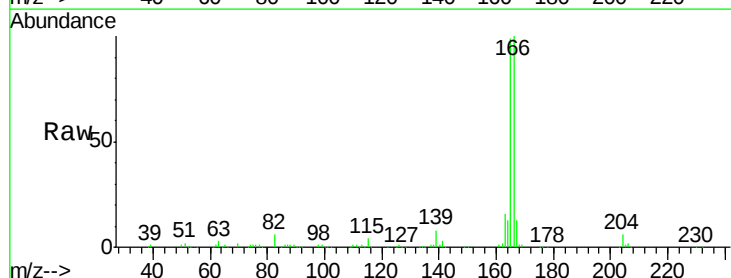
Tgt Ion:166 Resp: 439033

Ion Ratio Lower Upper

166 100

165 98.8 78.3 117.5

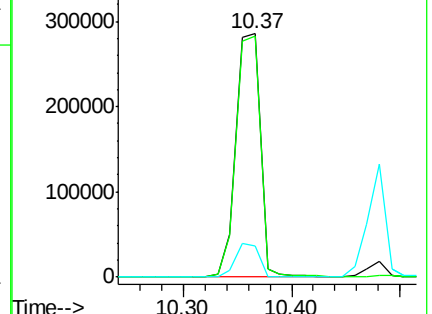
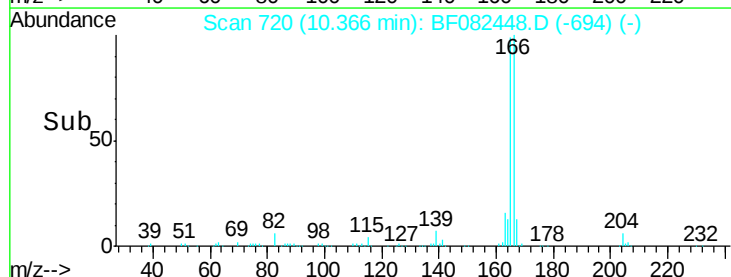
167 12.6 10.8 16.2

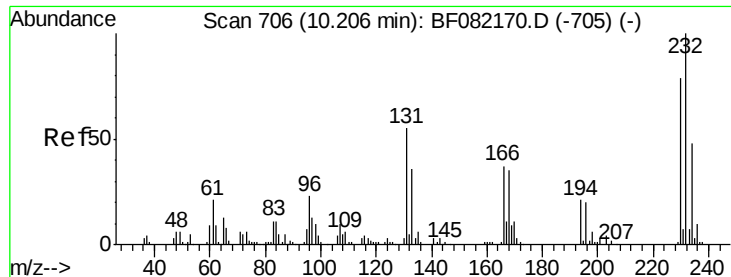


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

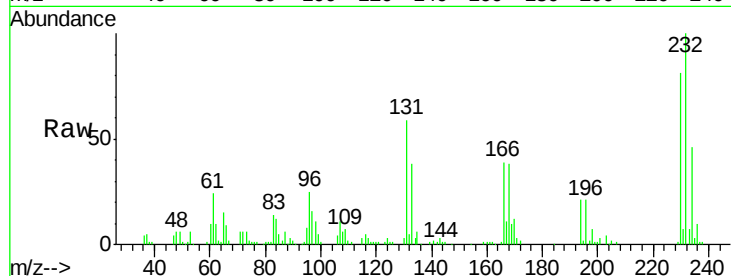




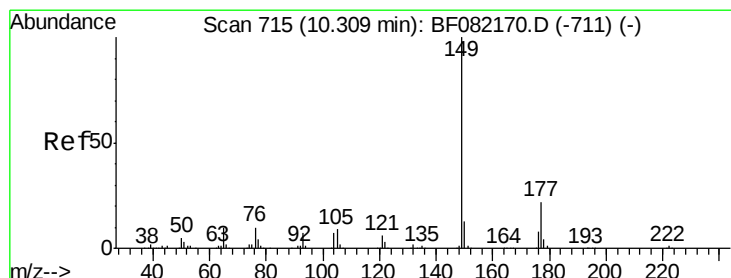
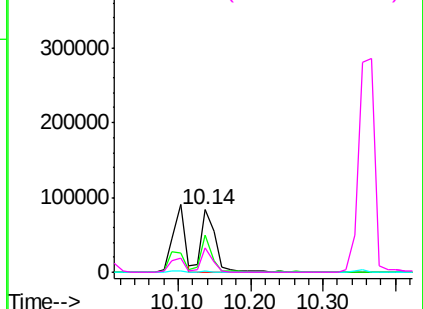
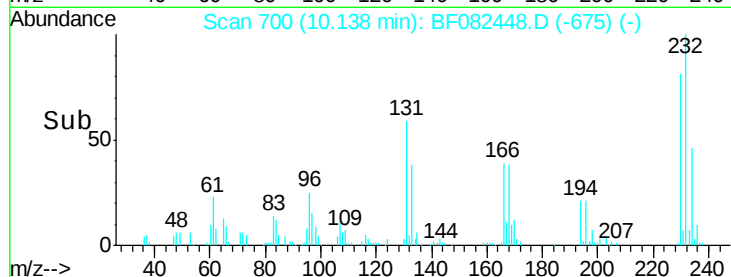
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.56 ng
 RT: 10.14 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF082448.D
 Acq: 22 Oct 2015 16:43

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tgt Ion: 232 Resp: 114413
 Ion Ratio Lower Upper
 232 100
 131 46.6 36.6 54.8
 130 2.1 1.5 2.3
 166 30.9 24.6 37.0

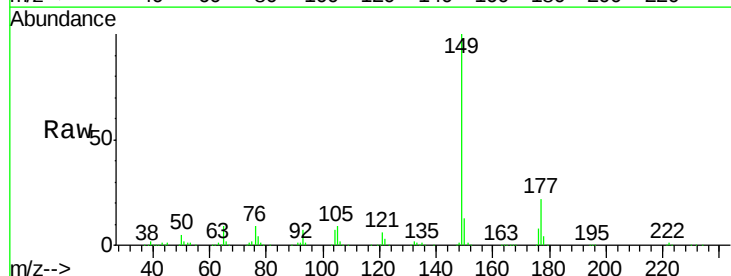


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

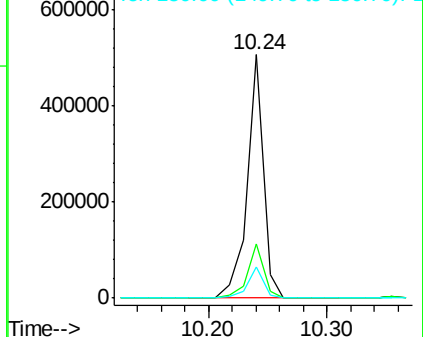
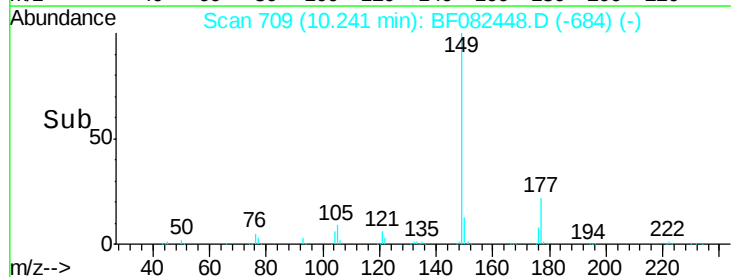


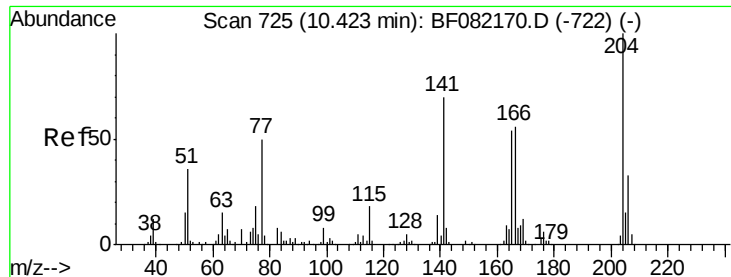
#59
 Diethylphthalate
 Concen: 35.57 ng
 RT: 10.24 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF082448.D
 Acq: 22 Oct 2015 16:43

Tgt Ion: 149 Resp: 484077
 Ion Ratio Lower Upper
 149 100
 177 22.3 17.6 26.4
 150 12.8 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

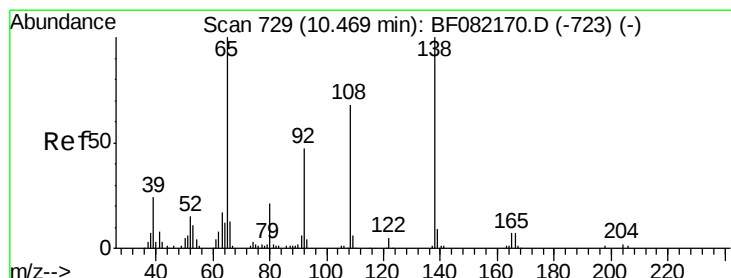
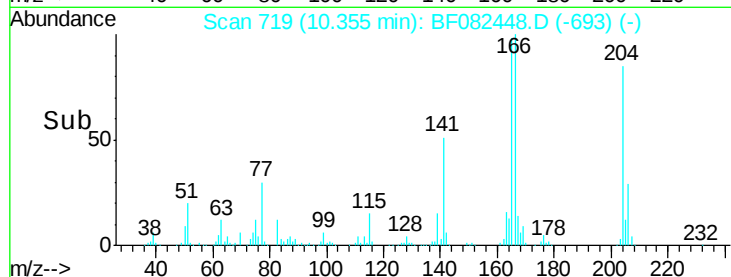
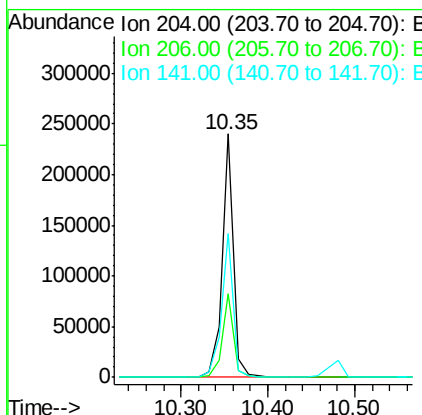
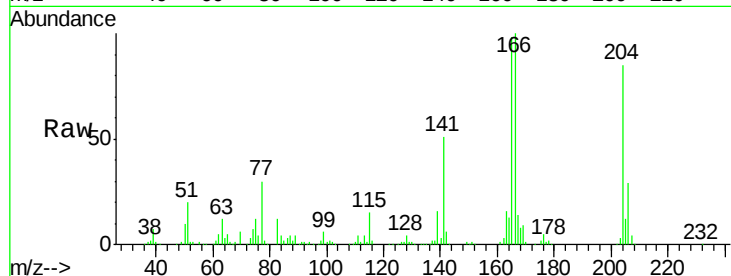




#60
 4-Chlorophenyl-phenylether
 Concen: 36.56 ng
 RT: 10.35 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: BF082448.D
 Acq: 22 Oct 2015 16:43

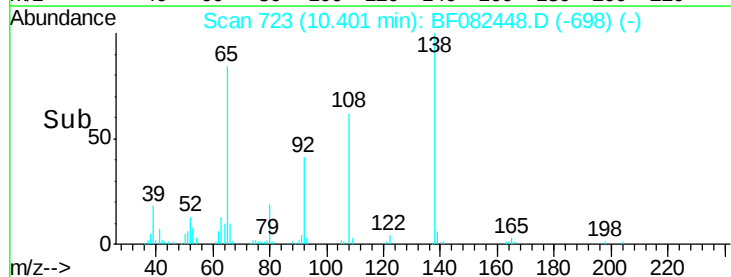
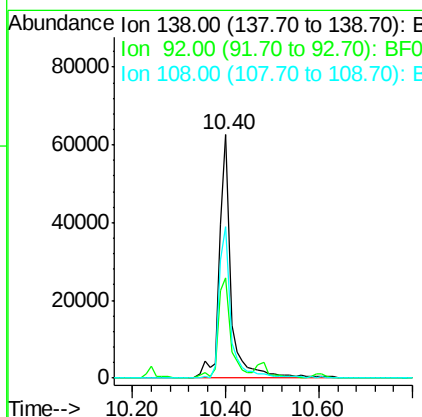
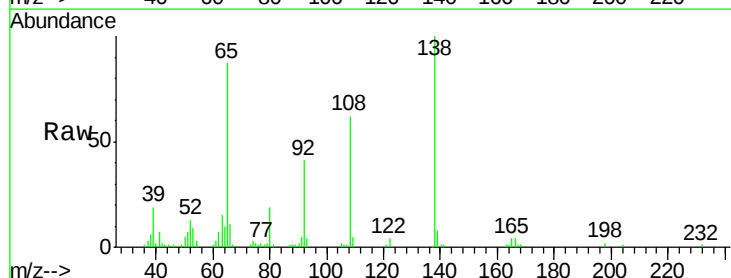
Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

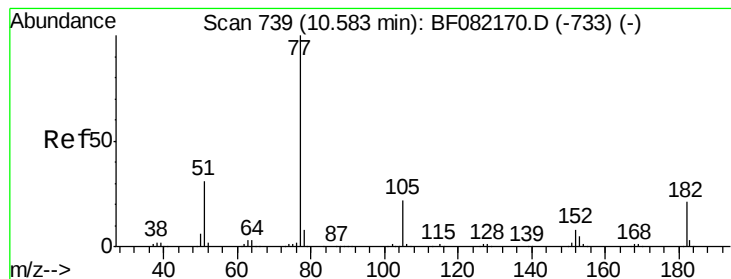
Tgt Ion: 204 Resp: 219846
 Ion Ratio Lower Upper
 204 100
 206 34.4 26.8 40.2
 141 59.2 56.1 84.1



#61
 4-Nitroaniline
 Concen: 31.72 ng
 RT: 10.40 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF082448.D
 Acq: 22 Oct 2015 16:43

Tgt Ion: 138 Resp: 107057
 Ion Ratio Lower Upper
 138 100
 92 41.0 26.8 66.8
 108 62.4 48.4 88.4





#62

Azobenzene

Concen: 35.65 ng

RT: 10.51 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

ClientSampleId :

PB86203BS

Tgt Ion: 77 Resp: 474852

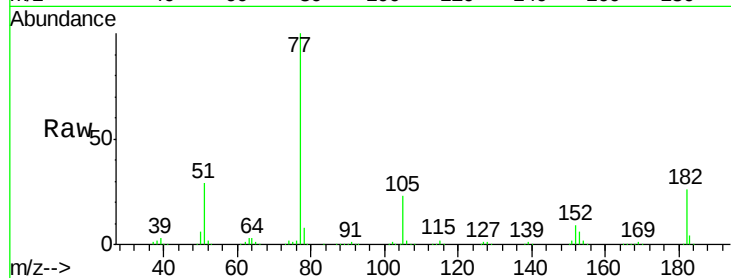
Ion Ratio Lower Upper

77 100

182 25.6 0.5 40.5

105 23.2 1.8 41.8

51 28.9 11.2 51.2

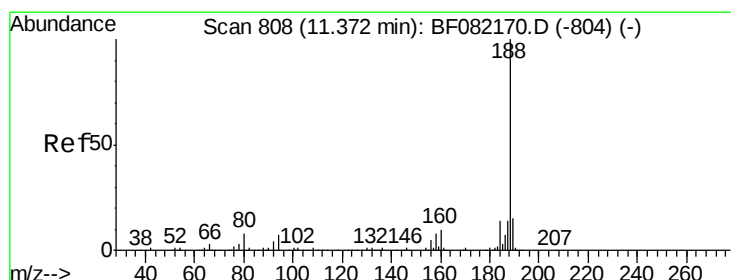
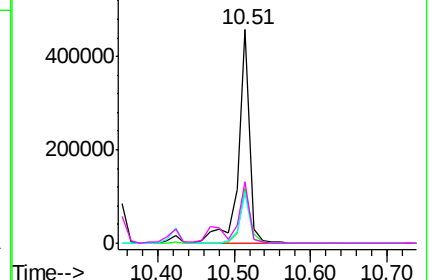
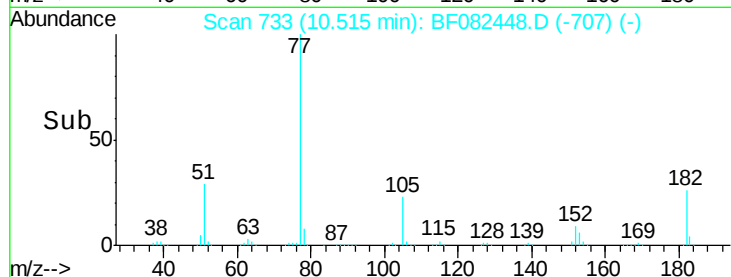


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

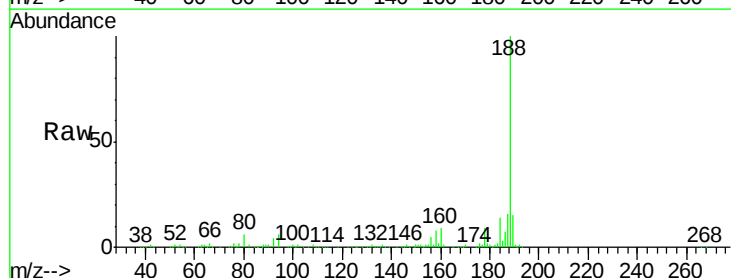
Tgt Ion: 188 Resp: 425734

Ion Ratio Lower Upper

188 100

94 6.4 5.8 8.6

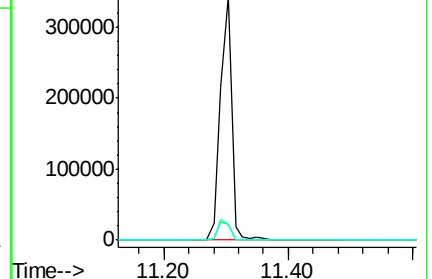
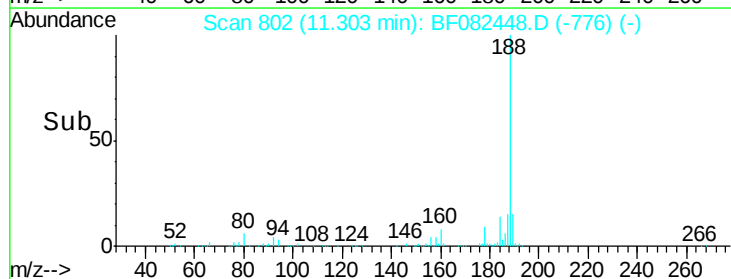
80 6.4 6.4 9.6#

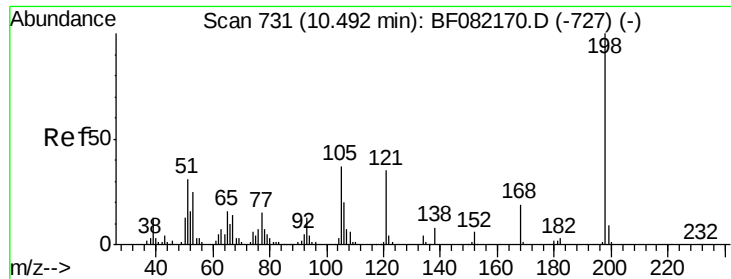


Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

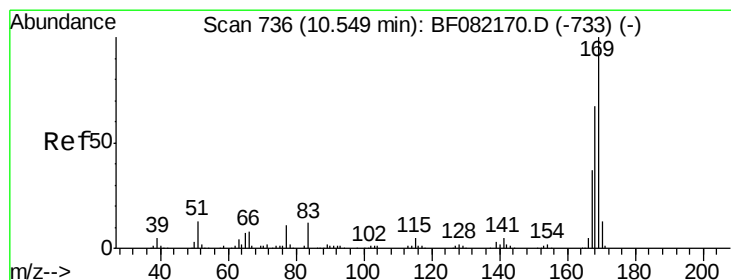
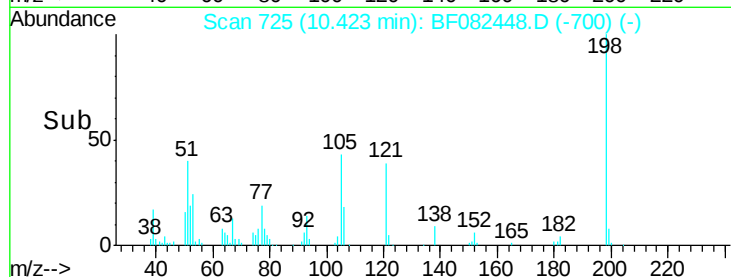
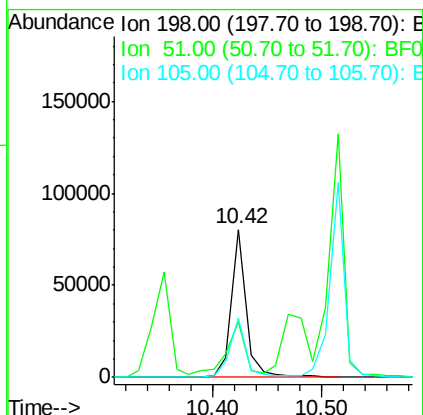
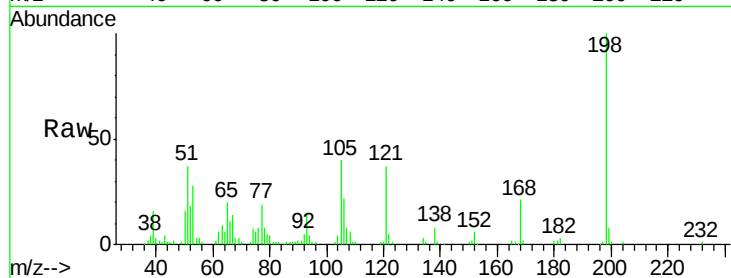




#64
 4,6-Dinitro-2-methylphenol
 Concen: 32.08 ng
 RT: 10.42 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF082448.D
 Acq: 22 Oct 2015 16:43

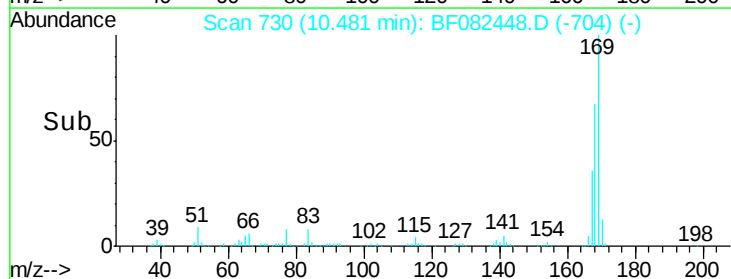
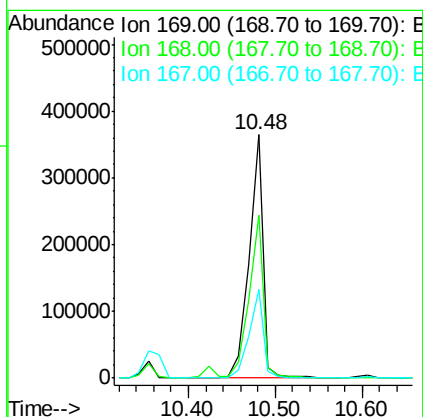
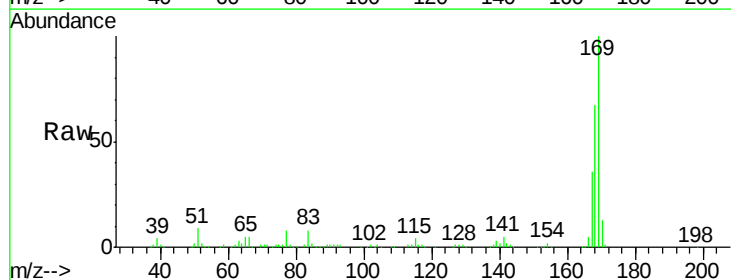
Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

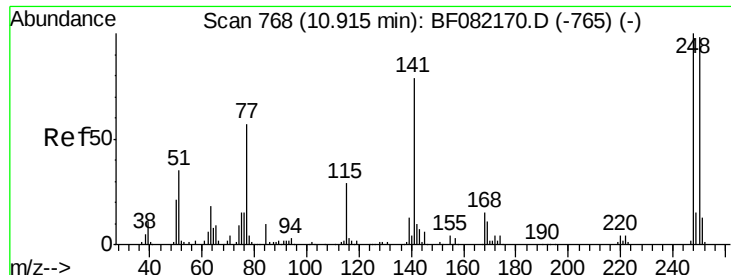
Tgt Ion:198 Resp: 76642
 Ion Ratio Lower Upper
 198 100
 51 37.2 13.6 53.6
 105 40.1 17.1 57.1



#65
 n-Nitrosodiphenylamine
 Concen: 32.37 ng
 RT: 10.48 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF082448.D
 Acq: 22 Oct 2015 16:43

Tgt Ion:169 Resp: 412555
 Ion Ratio Lower Upper
 169 100
 168 66.7 54.0 81.0
 167 36.5 29.6 44.4

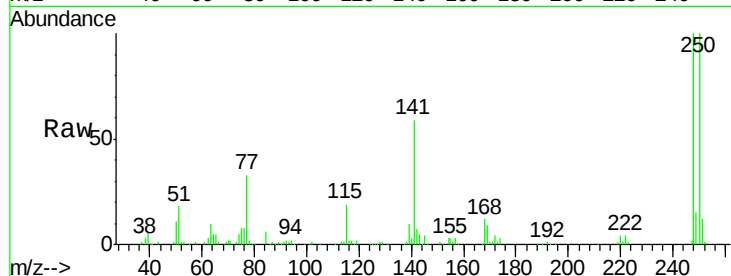




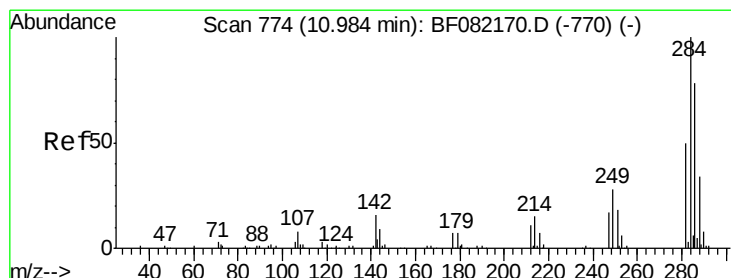
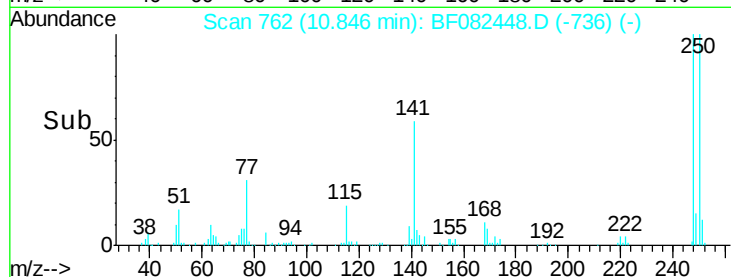
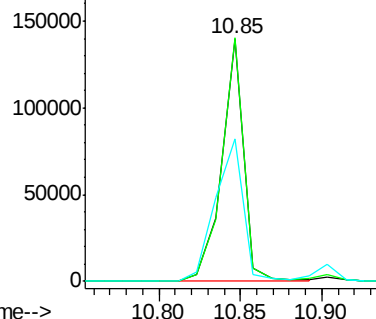
#66
4-Bromophenyl-phenylether
Concen: 30.95 ng
RT: 10.85 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tgt Ion:248 Resp: 131872
Ion Ratio Lower Upper
248 100
250 100.4 78.6 117.8
141 59.0 63.3 94.9#

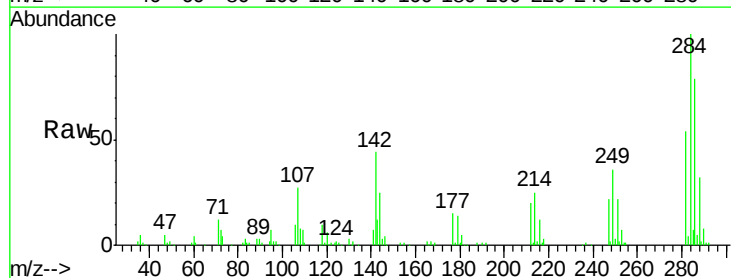


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

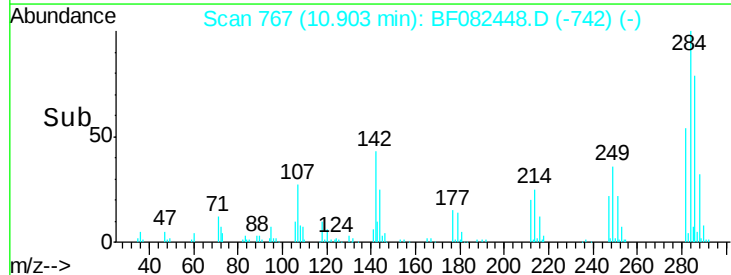
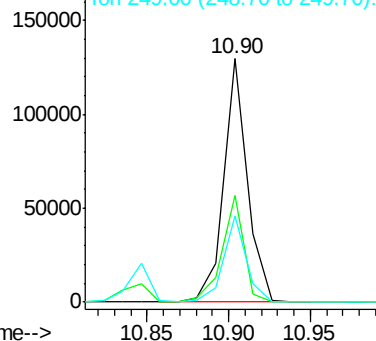


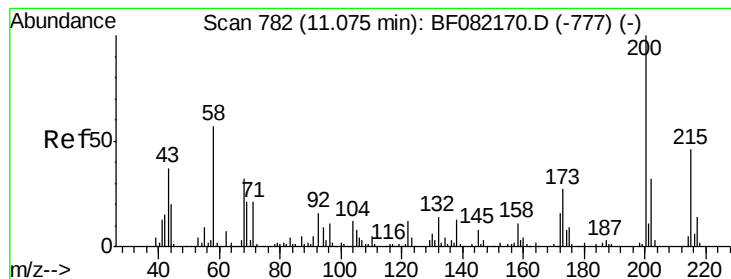
#67
Hexachlorobenzene
Concen: 28.20 ng
RT: 10.90 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Tgt Ion:284 Resp: 129930
Ion Ratio Lower Upper
284 100
142 43.7 13.0 19.6#
249 35.5 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: 31.42 ng

RT: 11.01 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

ClientSampleID :

PB86203BS

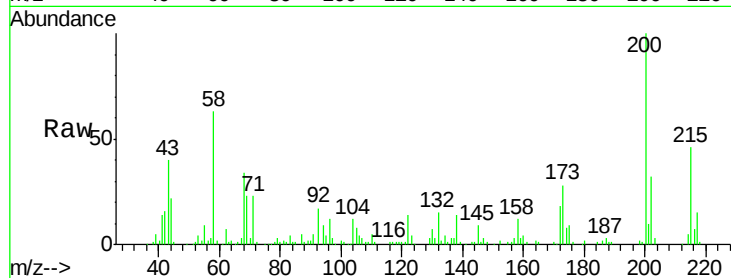
Tgt Ion:200 Resp: 126881

Ion Ratio Lower Upper

200 100

173 27.7 7.3 47.3

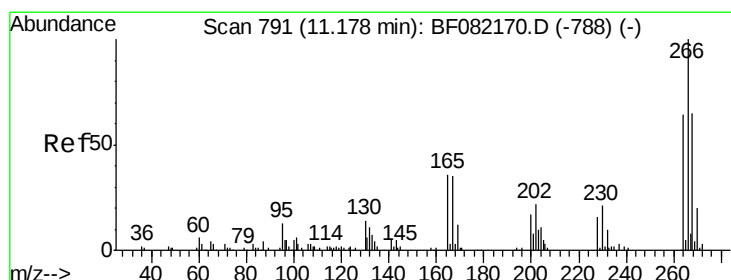
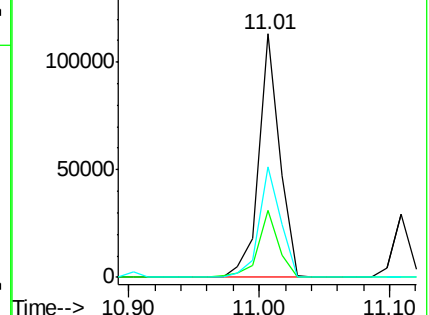
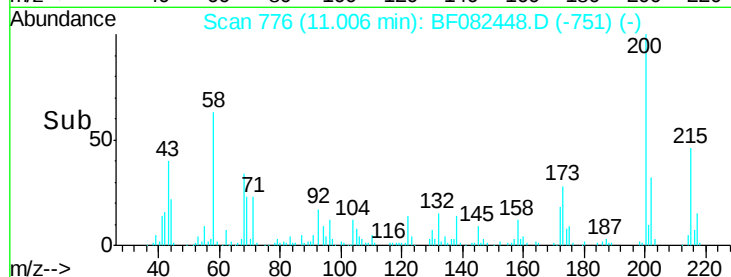
215 45.5 26.2 66.2



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: 58.53 ng

RT: 11.11 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

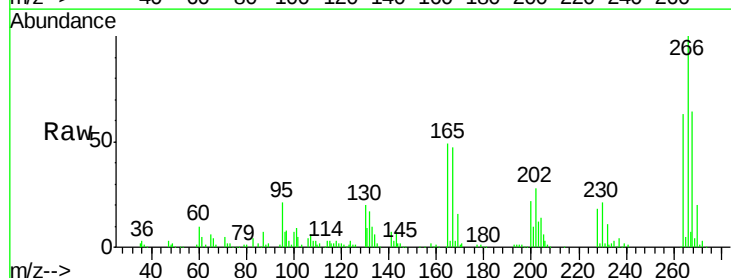
Tgt Ion:266 Resp: 138781

Ion Ratio Lower Upper

266 100

268 63.8 52.0 78.0

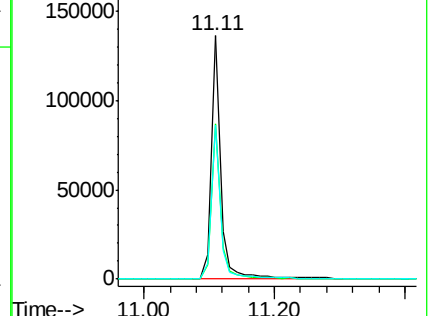
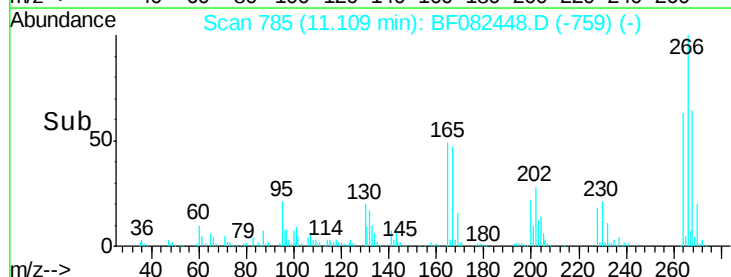
264 63.2 51.4 77.0

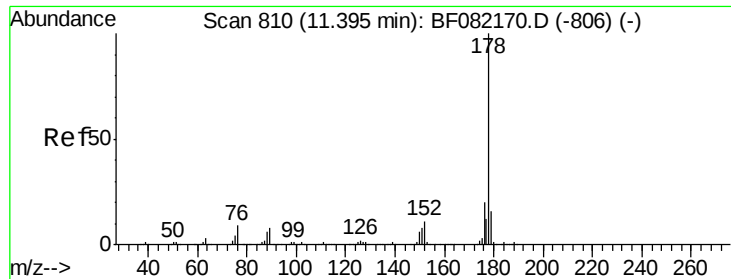


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

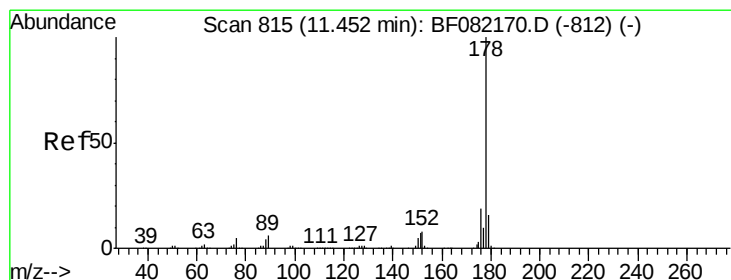
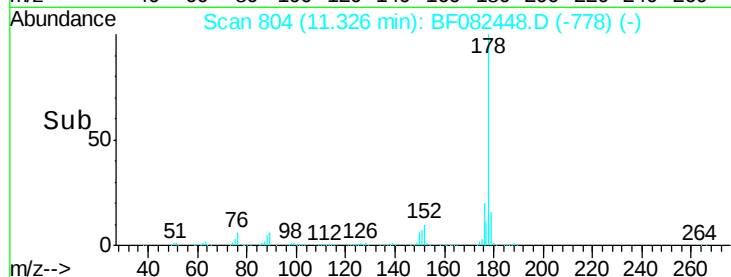
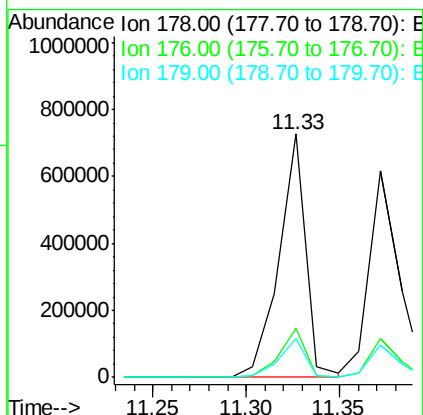
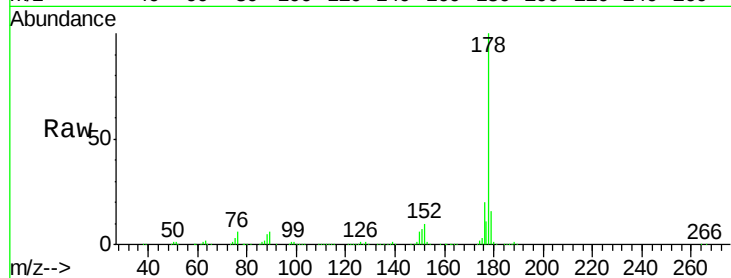




#70
Phenanthrene
Concen: 34.67 ng
RT: 11.33 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

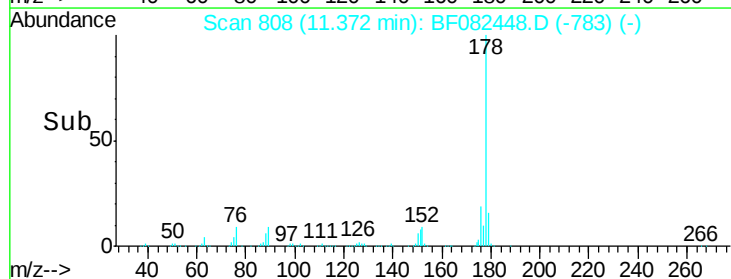
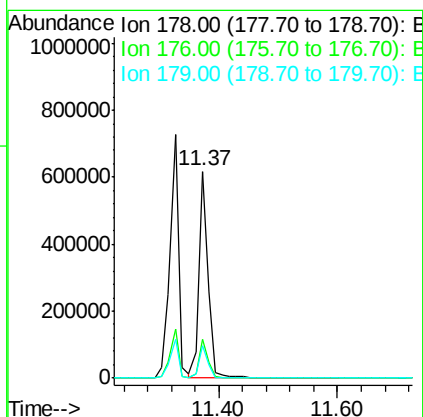
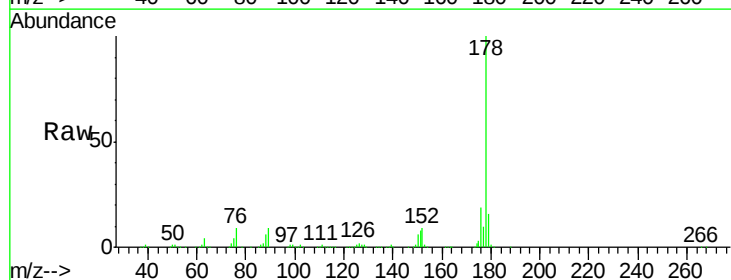
Instrument :
BNA_F
ClientSampleId :
PB86203BS

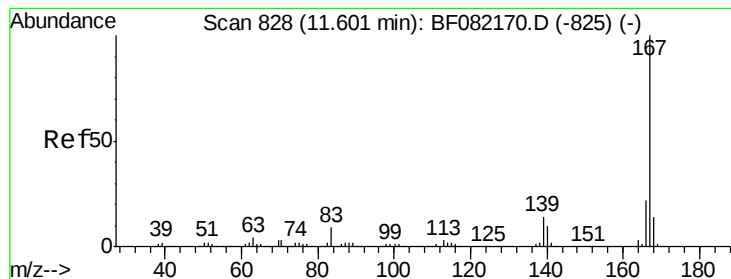
Tgt Ion:178 Resp: 723457
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 15.7 12.6 19.0



#71
Anthracene
Concen: 32.05 ng
RT: 11.37 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Tgt Ion:178 Resp: 689164
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.7 12.5 18.7





#72

Carbazole

Concen: 31.83 ng

RT: 11.53 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

ClientSampleId :

PB86203BS

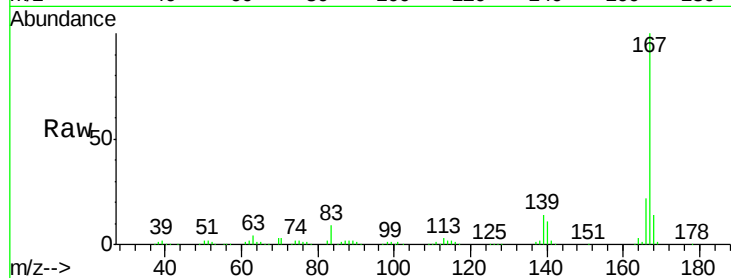
Tgt Ion:167 Resp: 624314

Ion Ratio Lower Upper

167 100

166 22.2 17.3 25.9

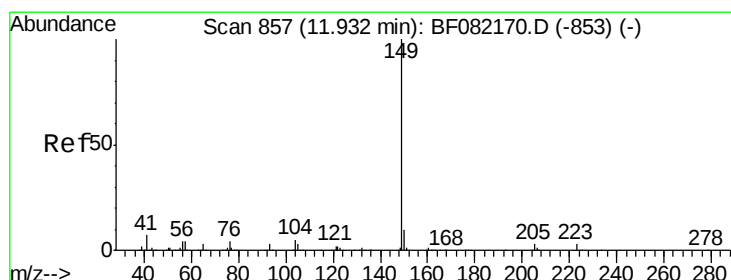
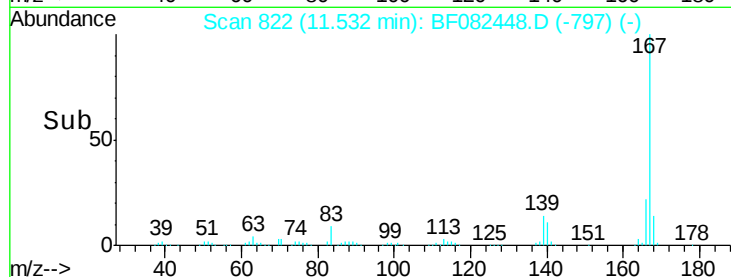
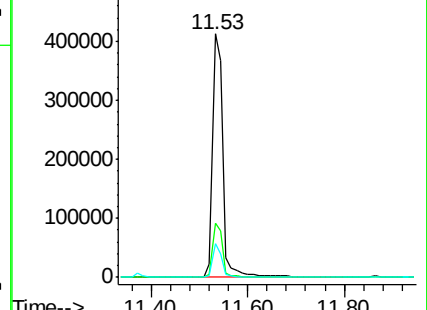
139 13.9 11.2 16.8



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: 31.14 ng

RT: 11.86 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

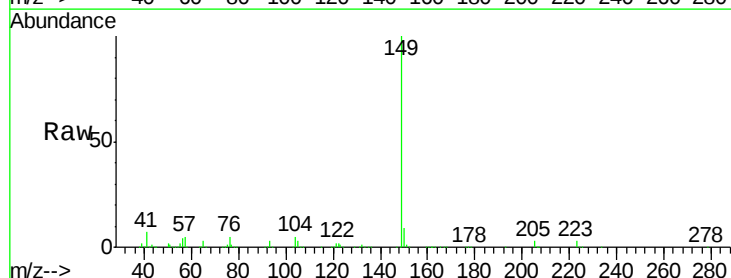
Tgt Ion:149 Resp: 753609

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

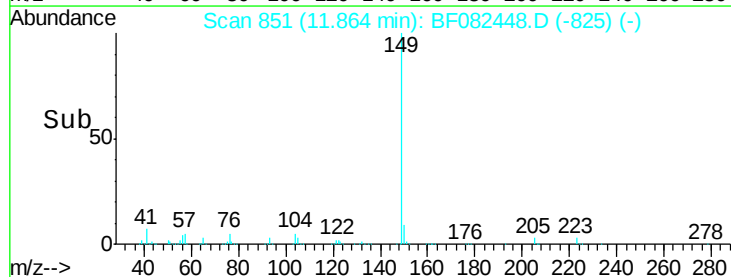
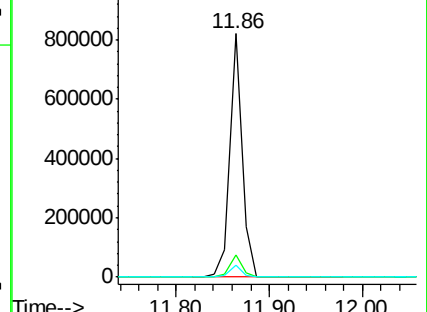
104 4.8 3.8 5.8

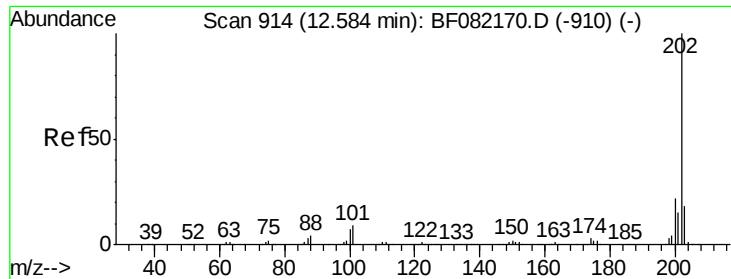


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

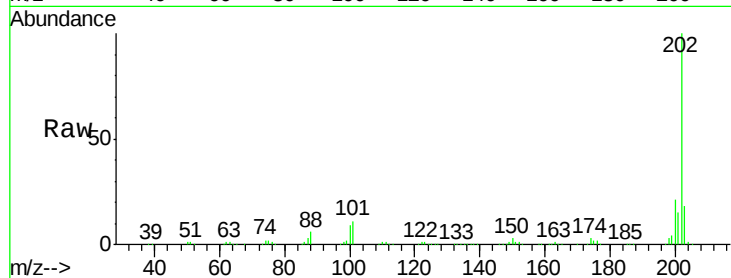




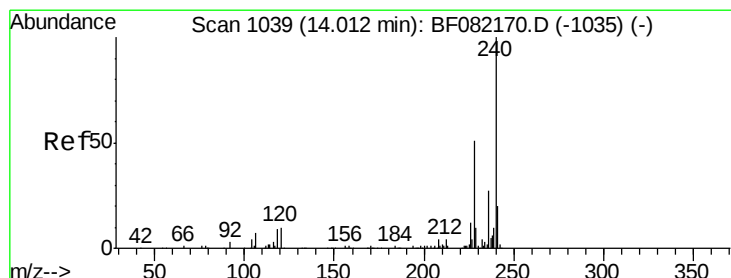
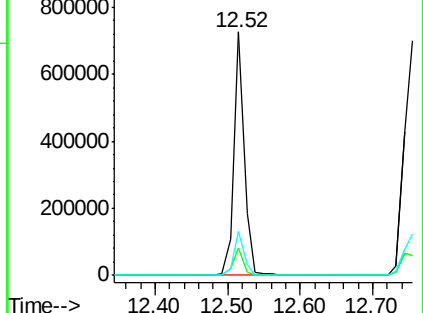
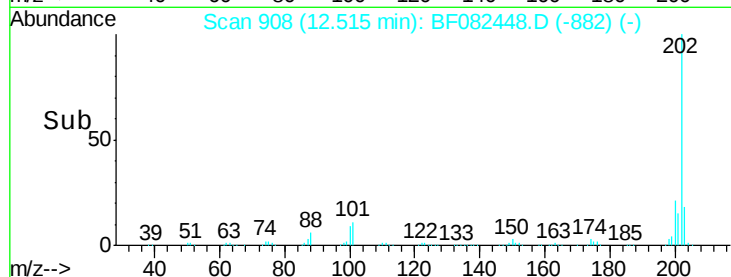
#74
 Fluoranthene
 Concen: 32.52 ng
 RT: 12.52 min Scan# 908
 Delta R.T. -0.00 min
 Lab File: BF082448.D
 Acq: 22 Oct 2015 16:43

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BS

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	29.3
203	18.0	0.0	37.8

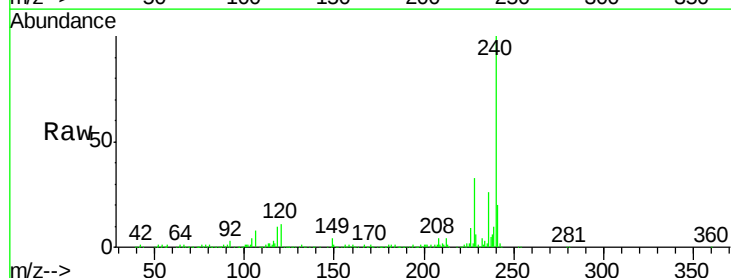


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

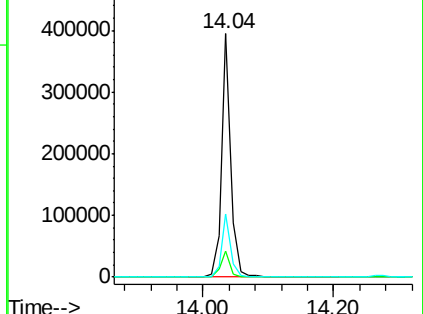
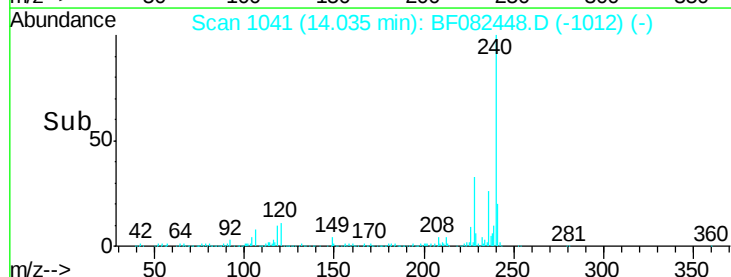


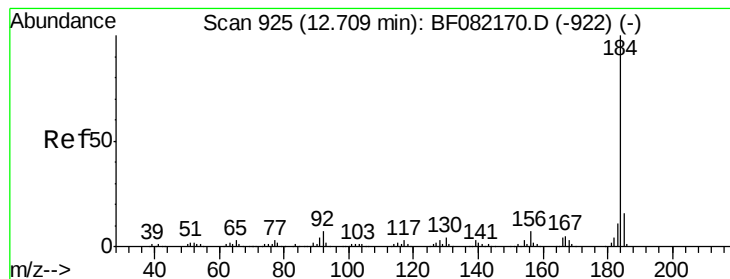
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. 0.03 min
 Lab File: BF082448.D
 Acq: 22 Oct 2015 16:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	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: 21.08 ng

RT: 12.65 min Scan# 920

Delta R.T. -0.00 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

ClientSampleId :

PB86203BS

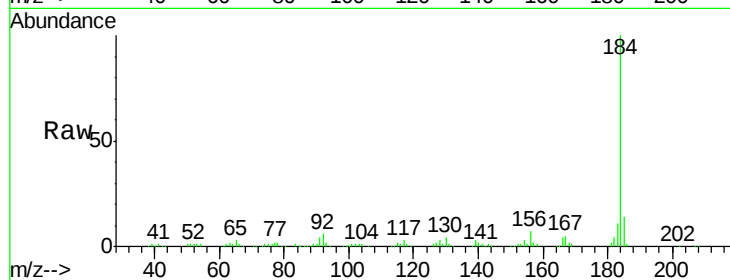
Tgt Ion:184 Resp: 241213

Ion Ratio Lower Upper

184 100

185 14.0 12.5 18.7

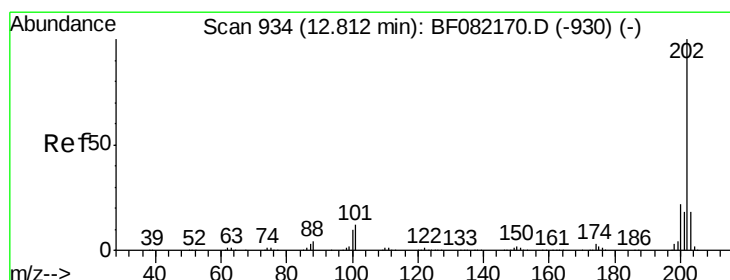
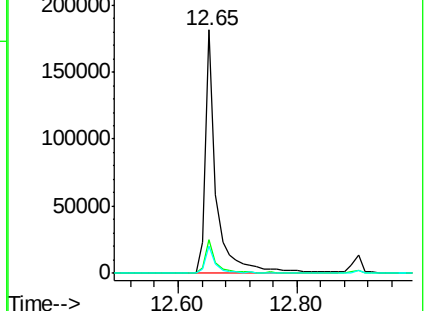
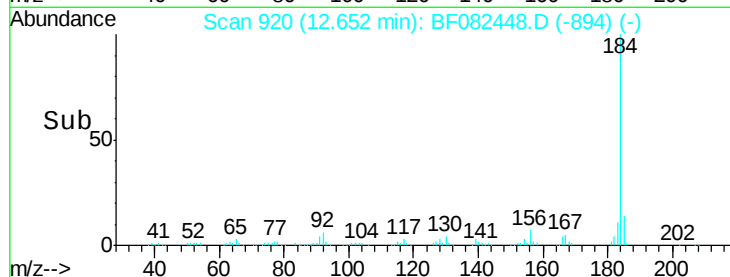
183 11.4 9.1 13.7



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

Pyrene

Concen: 35.03 ng

RT: 12.76 min Scan# 929

Delta R.T. 0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

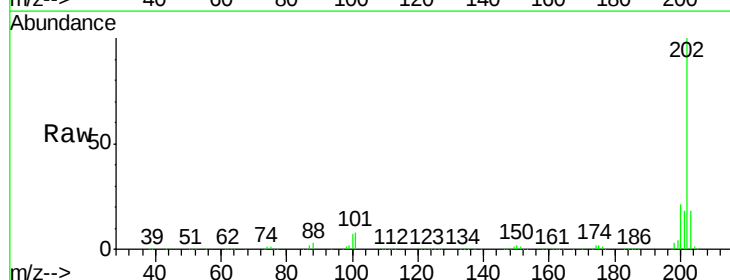
Tgt Ion:202 Resp: 820920

Ion Ratio Lower Upper

202 100

200 21.4 17.9 26.9

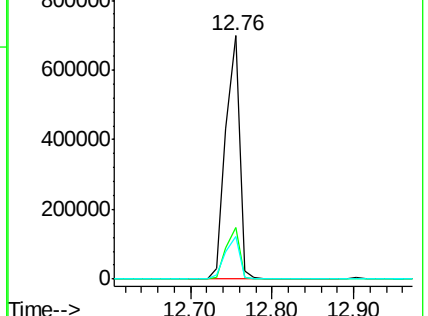
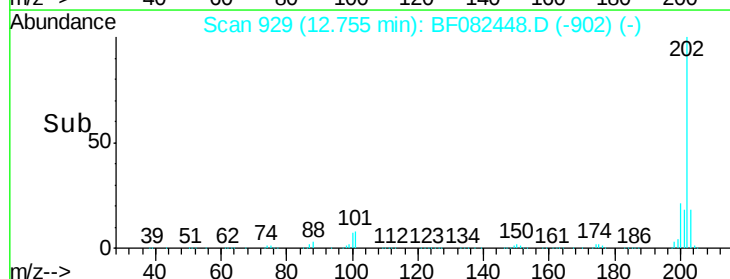
203 17.7 14.5 21.7

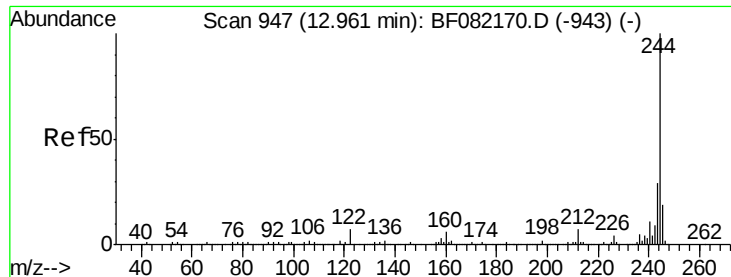


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 61.35 ng

RT: 12.90 min Scan# 942

Delta R.T. 0.01 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

ClientSampleId :

PB86203BS

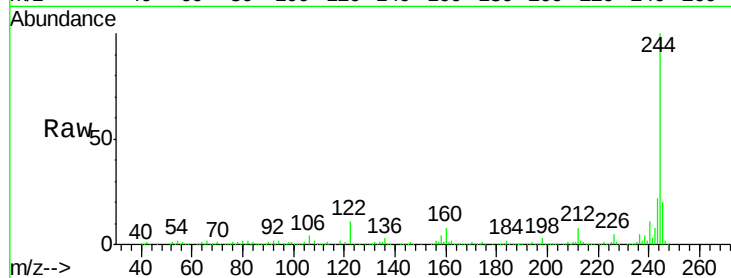
Tgt Ion:244 Resp: 914351

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.6

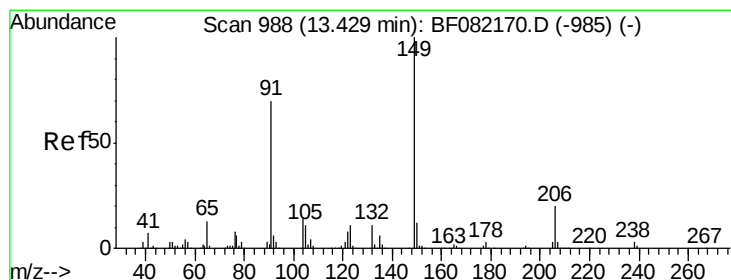
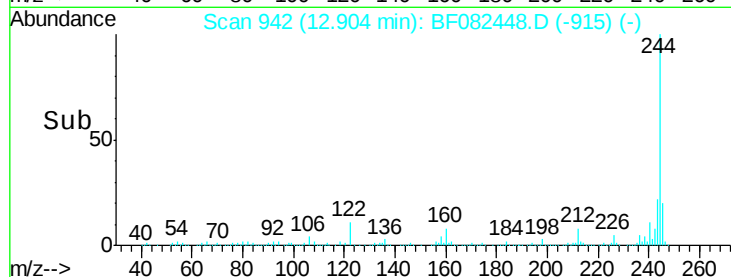
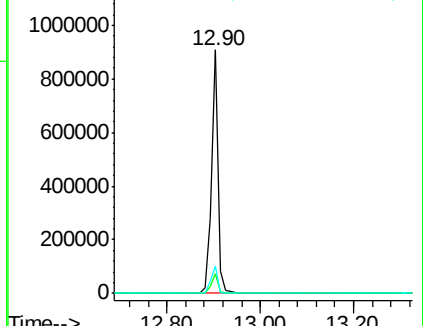
122 11.1 5.9 8.9#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 32.79 ng

RT: 13.41 min Scan# 986

Delta R.T. 0.02 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

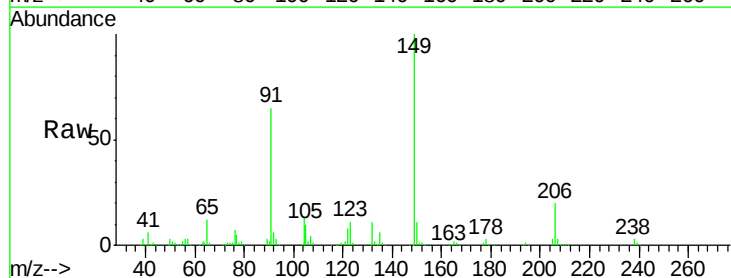
Tgt Ion:149 Resp: 350677

Ion Ratio Lower Upper

149 100

91 64.6 55.7 83.5

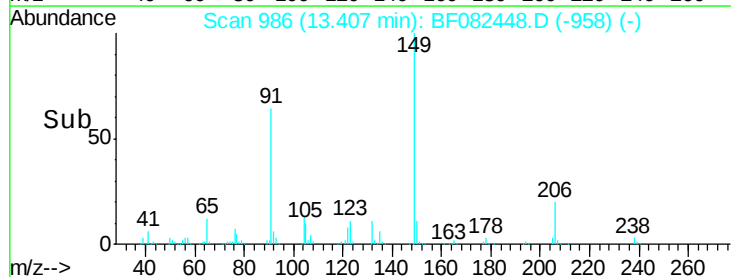
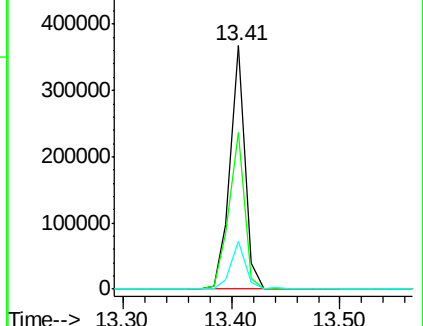
206 19.7 15.6 23.4

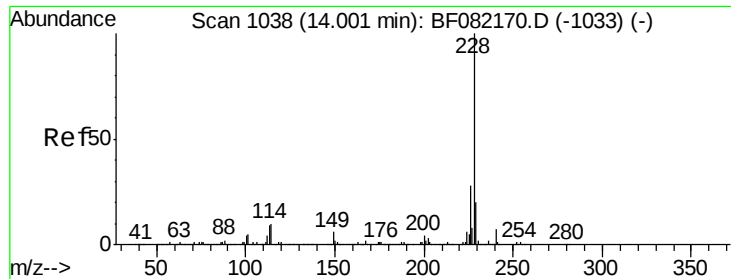


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

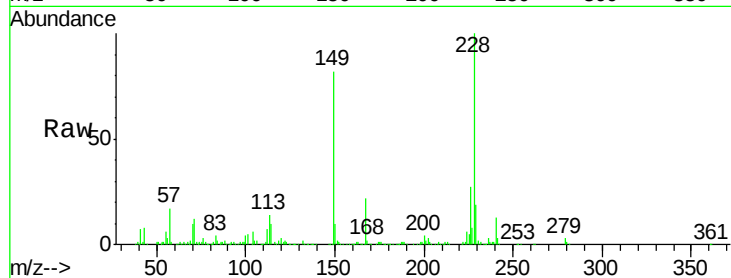




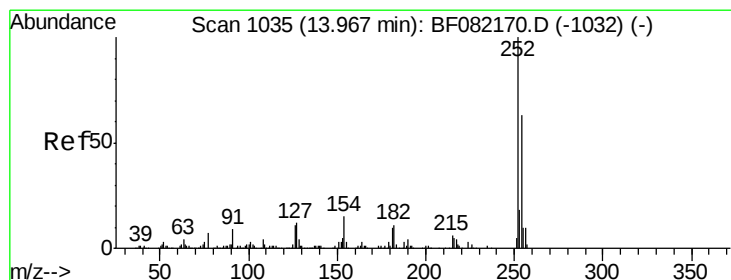
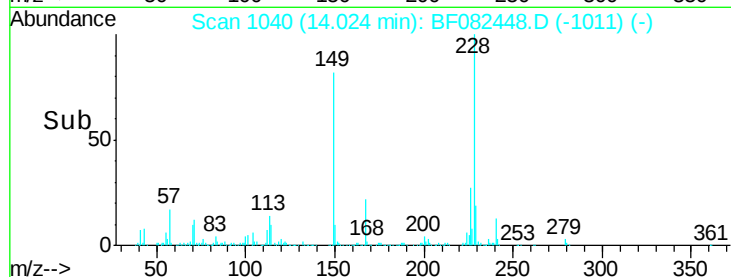
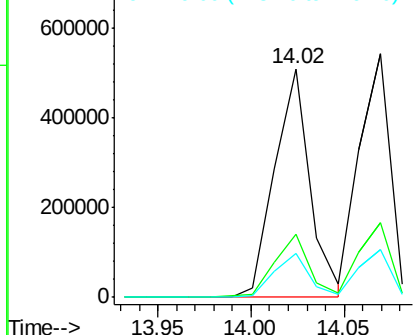
#80
Benzo(a)anthracene
Concen: 32.59 ng
RT: 14.02 min Scan# 1040
Delta R.T. 0.03 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tgt Ion:228 Resp: 669698
Ion Ratio Lower Upper
228 100
226 27.5 22.3 33.5
229 19.4 16.2 24.2

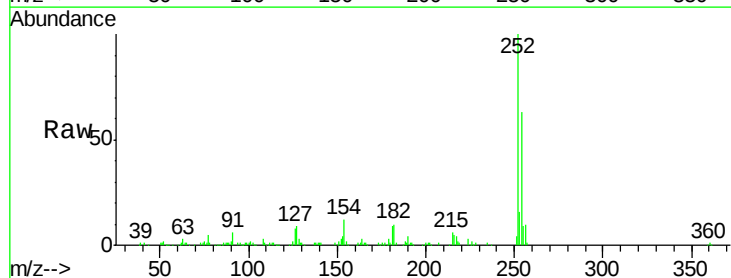


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

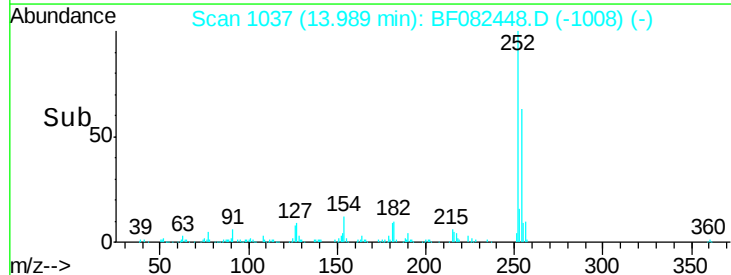
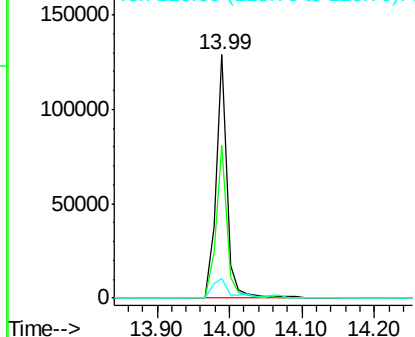


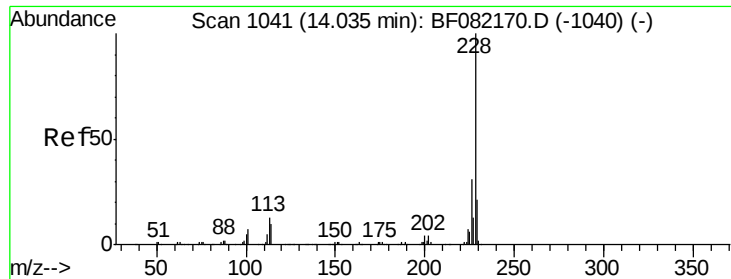
#81
3,3'-Dichlorobenzidine
Concen: 17.45 ng
RT: 13.99 min Scan# 1037
Delta R.T. 0.03 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Tgt Ion:252 Resp: 136128
Ion Ratio Lower Upper
252 100
254 62.6 50.7 76.1
126 8.0 9.0 13.6#



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





#82

Chrysene

Concen: 29.80 ng

RT: 14.07 min Scan# 1044

Delta R.T. 0.03 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

ClientSampleId :

PB86203BS

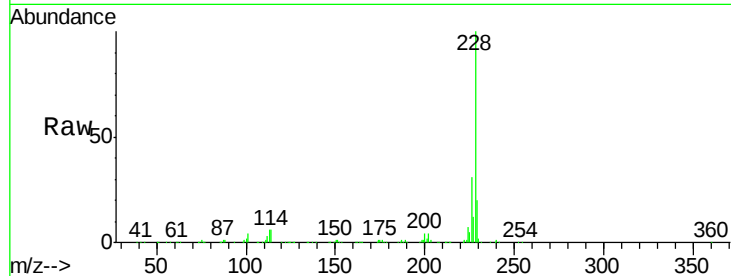
Tgt Ion:228 Resp: 645263

Ion Ratio Lower Upper

228 100

226 30.8 24.4 36.6

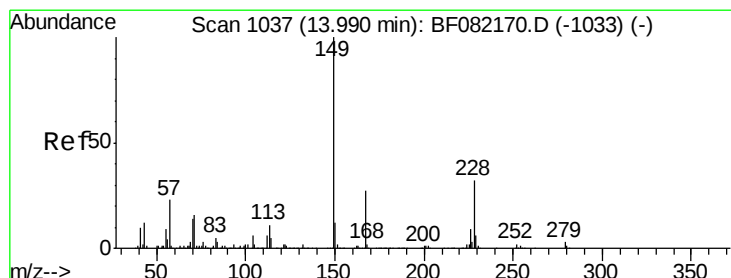
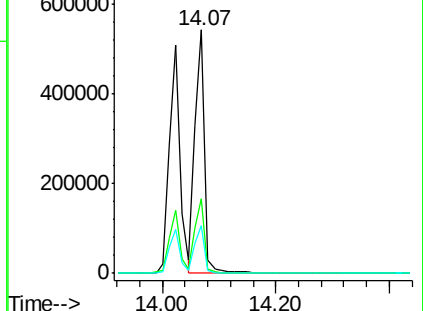
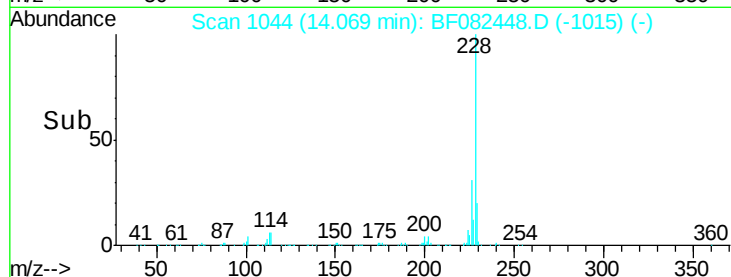
229 19.8 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 31.12 ng

RT: 14.02 min Scan# 1040

Delta R.T. 0.05 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

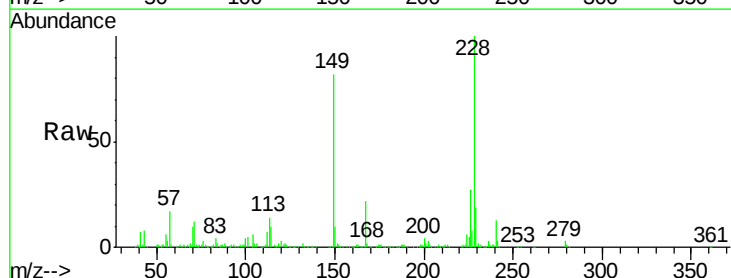
Tgt Ion:149 Resp: 474825

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

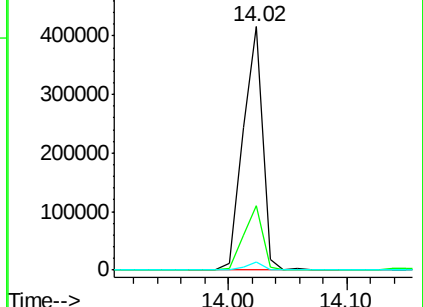
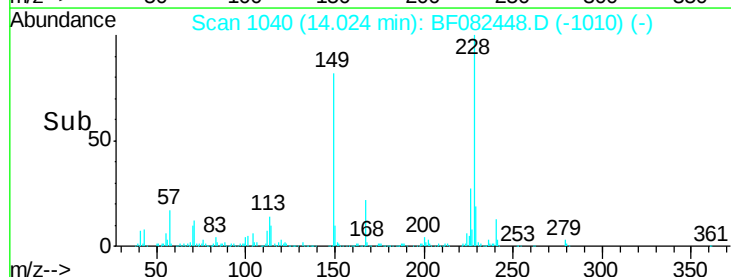
279 3.6 2.6 4.0

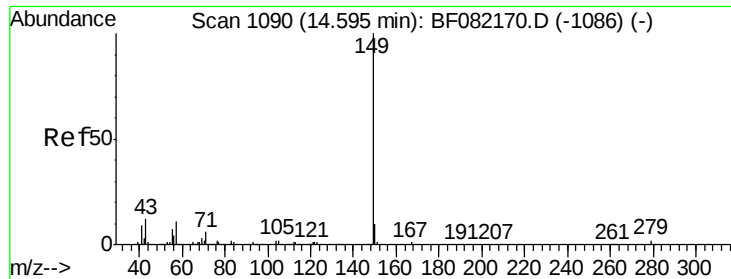


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 32.19 ng

RT: 14.73 min Scan# 1102

Delta R.T. 0.07 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

ClientSampleId :

PB86203BS

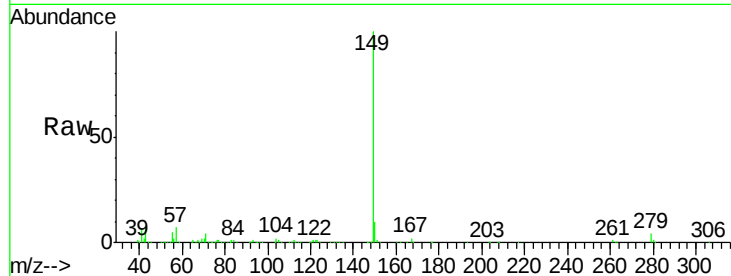
Tgt Ion:149 Resp: 843558

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

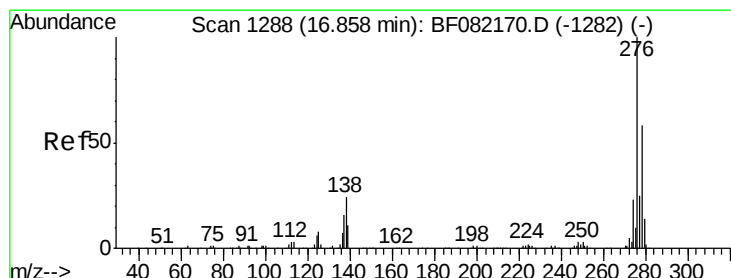
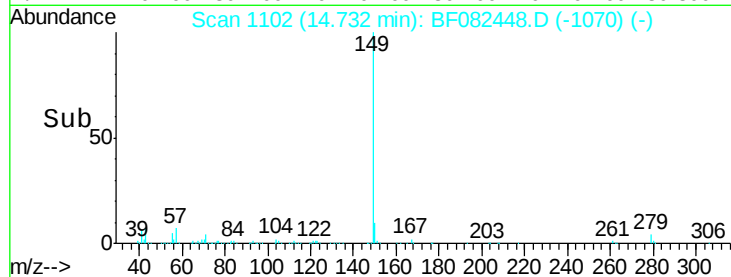
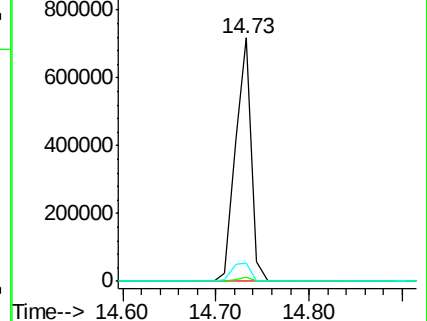
43 9.0 7.4 11.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 31.34 ng

RT: 17.01 min Scan# 1301

Delta R.T. 0.07 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

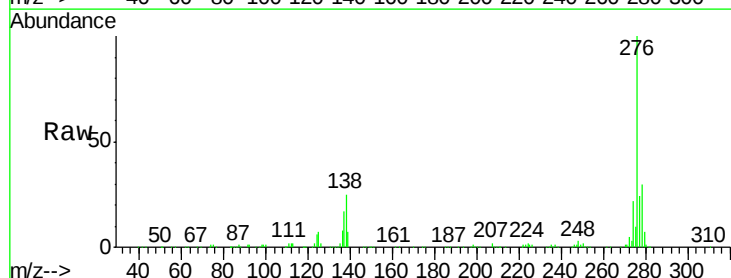
Tgt Ion:276 Resp: 539253

Ion Ratio Lower Upper

276 100

138 26.5 19.7 29.5

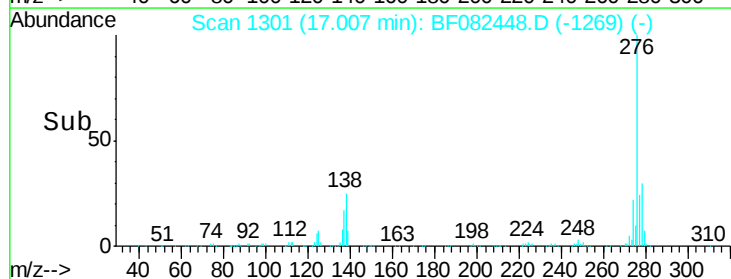
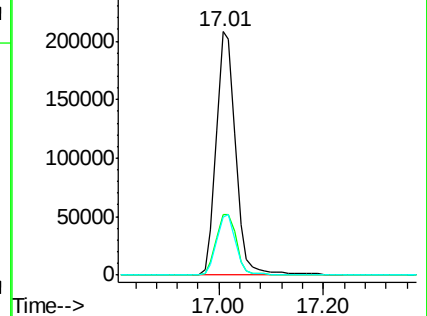
277 24.8 20.1 30.1

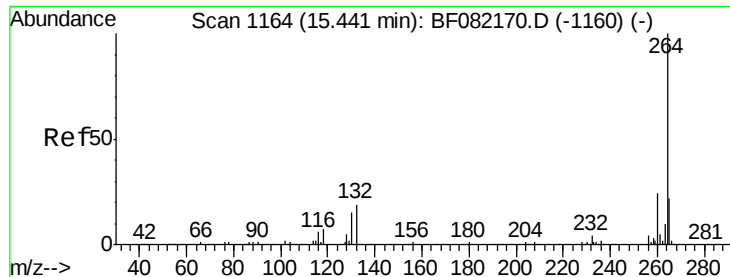


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



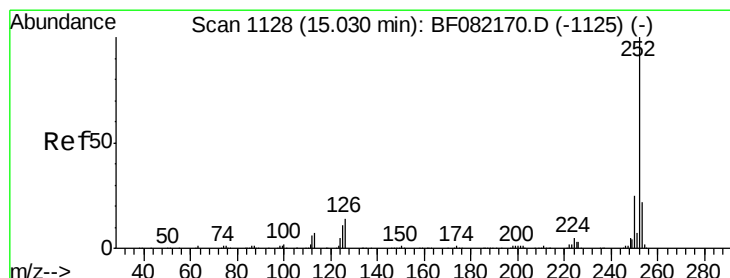
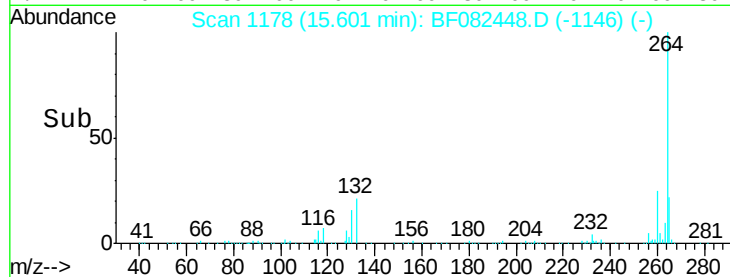
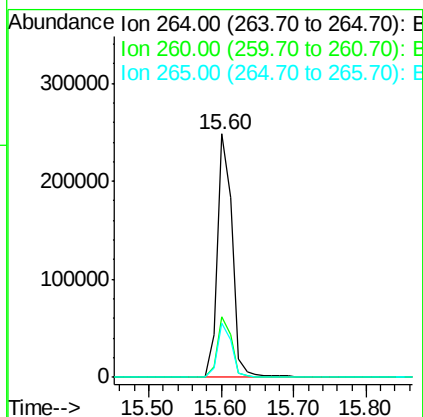
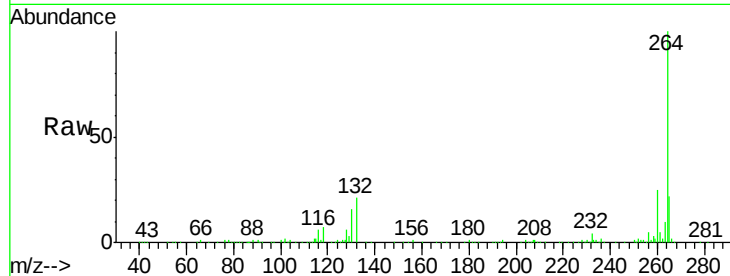


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1178
Delta R.T. 0.07 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Instrument :
BNA_F
ClientSampleId :
PB86203BS

Tgt Ion: 264 Resp: 352643

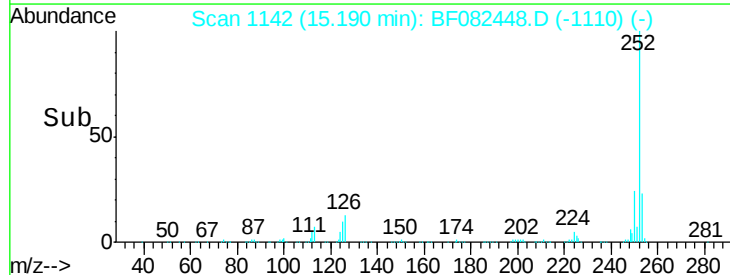
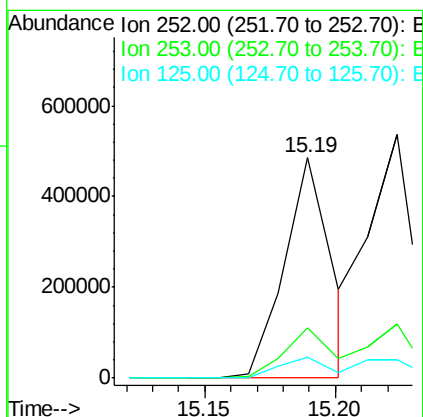
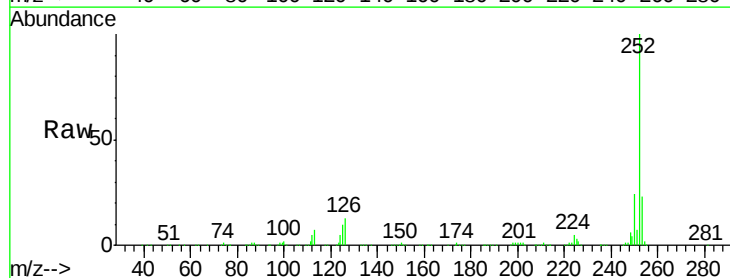
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.0	28.6
265	22.3	17.3	25.9

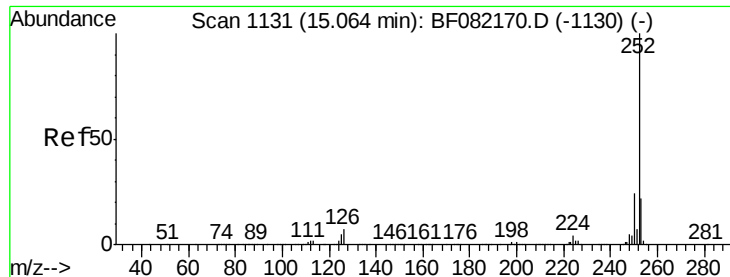


#87
Benzo(b)fluoranthene
Concen: 28.00 ng
RT: 15.19 min Scan# 1142
Delta R.T. 0.07 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Tgt Ion: 252 Resp: 600696

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	9.7	8.6	12.8

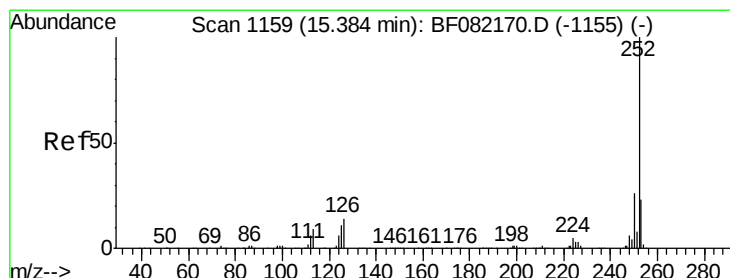
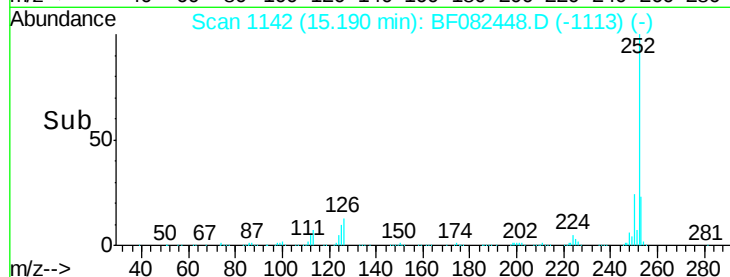
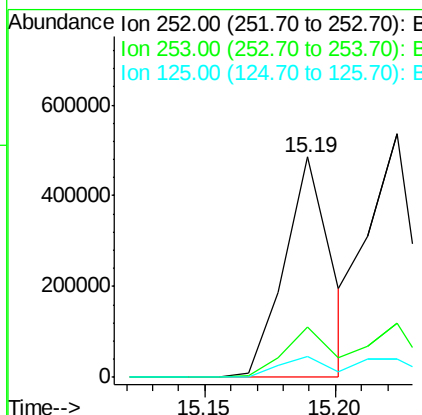
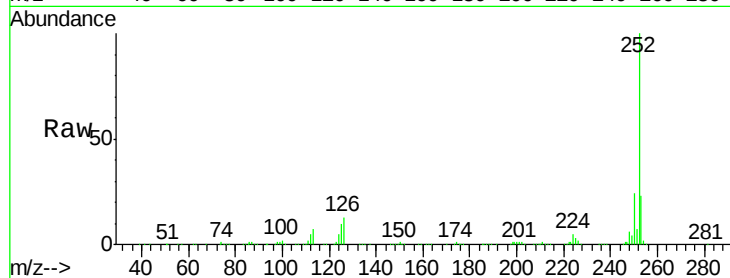




#88
Benzo(k)fluoranthene
Concen: 33.31 ng
RT: 15.19 min Scan# 1142
Delta R.T. 0.03 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

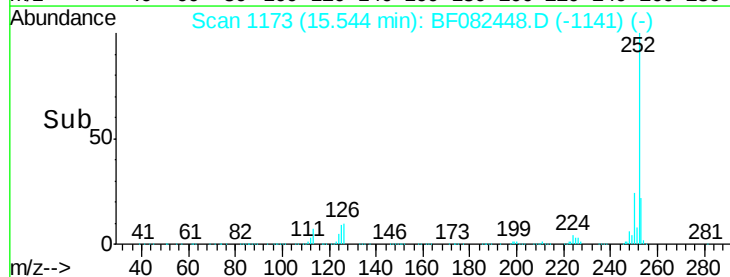
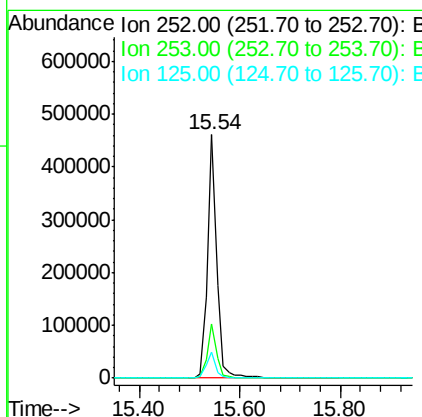
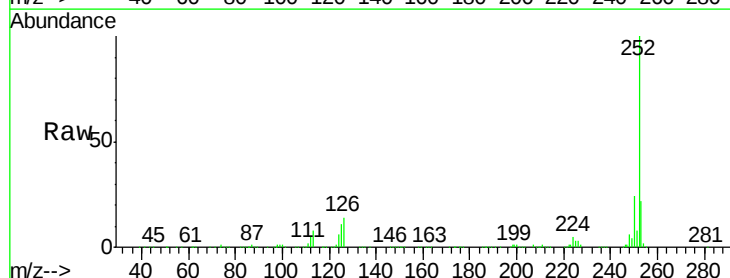
Instrument :
BNA_F
ClientSampleId :
PB86203BS

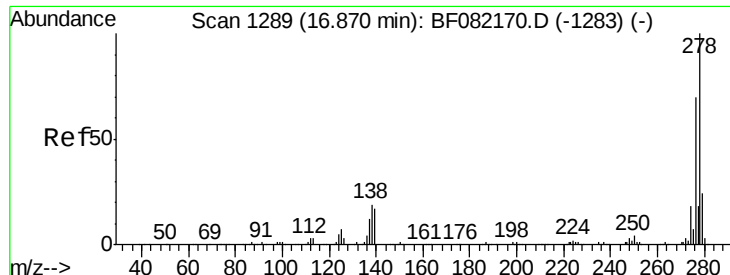
Tgt Ion:252 Resp: 600696
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 9.7 6.7 10.1



#89
Benzo(a)pyrene
Concen: 31.74 ng
RT: 15.54 min Scan# 1173
Delta R.T. 0.07 min
Lab File: BF082448.D
Acq: 22 Oct 2015 16:43

Tgt Ion:252 Resp: 585289
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 10.9 8.9 13.3





#90

Dibenzo(a,h)anthracene

Concen: 30.44 ng

RT: 17.03 min Scan# 1303

Delta R.T. 0.08 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

Instrument :

BNA_F

ClientSampleId :

PB86203BS

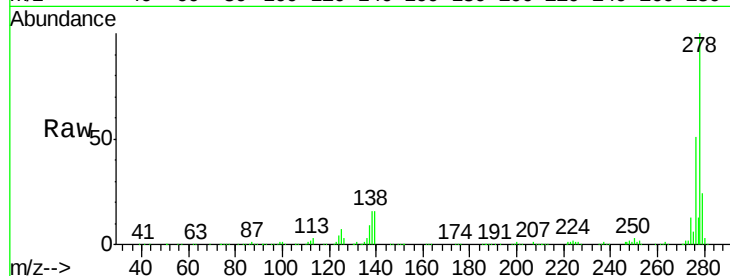
Tgt Ion: 278 Resp: 460005

Ion Ratio Lower Upper

278 100

139 16.1 13.3 19.9

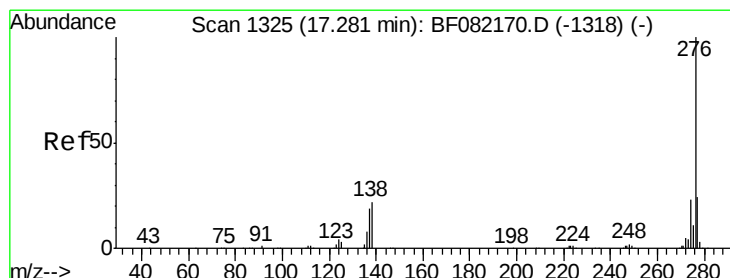
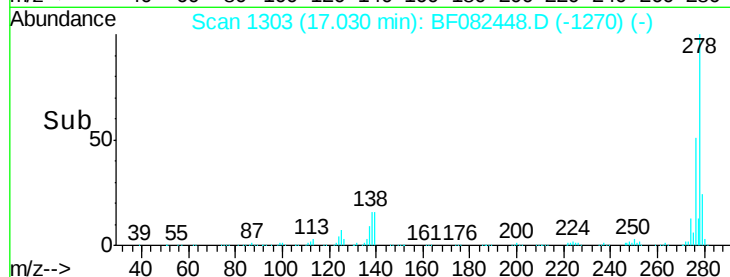
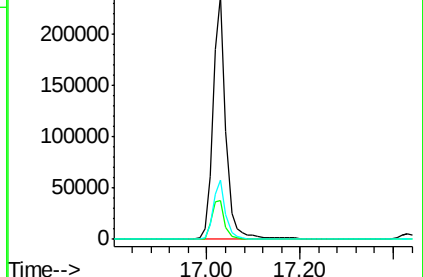
279 24.4 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 29.50 ng

RT: 17.43 min Scan# 1338

Delta R.T. 0.08 min

Lab File: BF082448.D

Acq: 22 Oct 2015 16:43

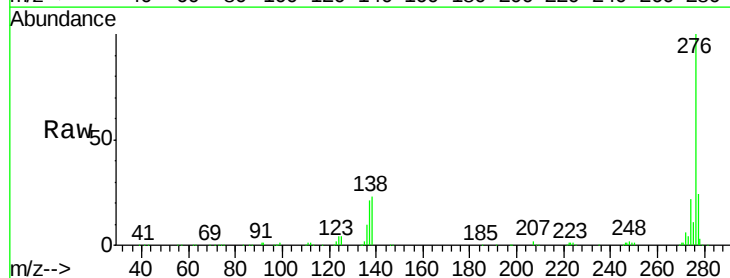
Tgt Ion: 276 Resp: 433069

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 23.0 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

