

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102215\
 Data File : BF082451.D
 Acq On : 22 Oct 2015 18:09
 Operator : UM/IZ
 Sample : PB86210BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86210BS

Quant Time: Oct 23 01:37:20 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	6.75	152	103786	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	414677	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	214972	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	421026	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	409585	20.00	ng	-0.01
86) Perylene-d12	15.51	264	328730	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	360625	70.13	ng	0.01
7) Phenol-d6	6.41	99	447551	66.88	ng	-0.01
23) Nitrobenzene-d5	7.34	82	429826	69.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	115840	57.46	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	821071	63.34	ng	-0.01
78) Terphenyl-d14	12.89	244	976574	63.18	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.38	88	68732	26.60	ng	97
3) Pyridine	3.06	79	171649	28.56	ng	98
4) n-Nitrosodimethylamine	3.03	42	76749	30.11	ng	95
6) Aniline	6.42	93	113391	13.14	ng	# 12
8) 2-Chlorophenol	6.55	128	210584	33.54	ng	90
9) Benzaldehyde	6.31	77	81226	23.77	ng	96
10) Phenol	6.43	94	233657	30.28	ng	91
11) bis(2-Chloroethyl)ether	6.50	93	183617	28.14	ng	99
12) 1,3-Dichlorobenzene	6.70	146	232223	31.76	ng	99
13) 1,4-Dichlorobenzene	6.78	146	240409	31.49	ng	99
14) 1,2-Dichlorobenzene	6.93	146	212900	29.37	ng	98
15) Benzyl Alcohol	6.91	79	160119	34.66	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.04	45	283884	31.24	ng	# 8
17) 2-Methylphenol	7.04	107	164304	33.10	ng	# 92
18) Hexachloroethane	7.27	117	81399	31.15	ng	98
19) n-Nitroso-di-n-propylamine	7.19	70	142935	30.41	ng	99
20) 3+4-Methylphenols	7.20	107	213218	36.04	ng	# 58
22) Acetophenone	7.18	105	278523	33.95	ng	# 89
24) Nitrobenzene	7.35	77	195042	29.18	ng	99
25) Isophorone	7.59	82	379794	30.47	ng	98
26) 2-Nitrophenol	7.67	139	109074	32.68	ng	# 88
27) 2,4-Dimethylphenol	7.73	122	175253	32.59	ng	91
28) bis(2-Chloroethoxy)methane	7.81	93	232612	32.08	ng	97
29) 2,4-Dichlorophenol	7.92	162	193439	35.99	ng	99
30) 1,2,4-Trichlorobenzene	7.99	180	188340	30.40	ng	99
31) Naphthalene	8.07	128	564642	31.41	ng	100
32) Benzoic acid	7.86	122	112383	31.14	ng	98
33) 4-Chloroaniline	8.14	127	69456	9.30	ng	96
34) Hexachlorobutadiene	8.18	225	110695	28.67	ng	99
35) Caprolactam	8.51	113	58877	37.74	ng	96
36) 4-Chloro-3-methylphenol	8.63	107	180899	34.42	ng	99
37) 2-Methylnaphthalene	8.77	142	418222	33.56	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	199400	31.18	ng	98
40) Hexachlorocyclopentadiene	8.91	237	111872	39.29	ng	97

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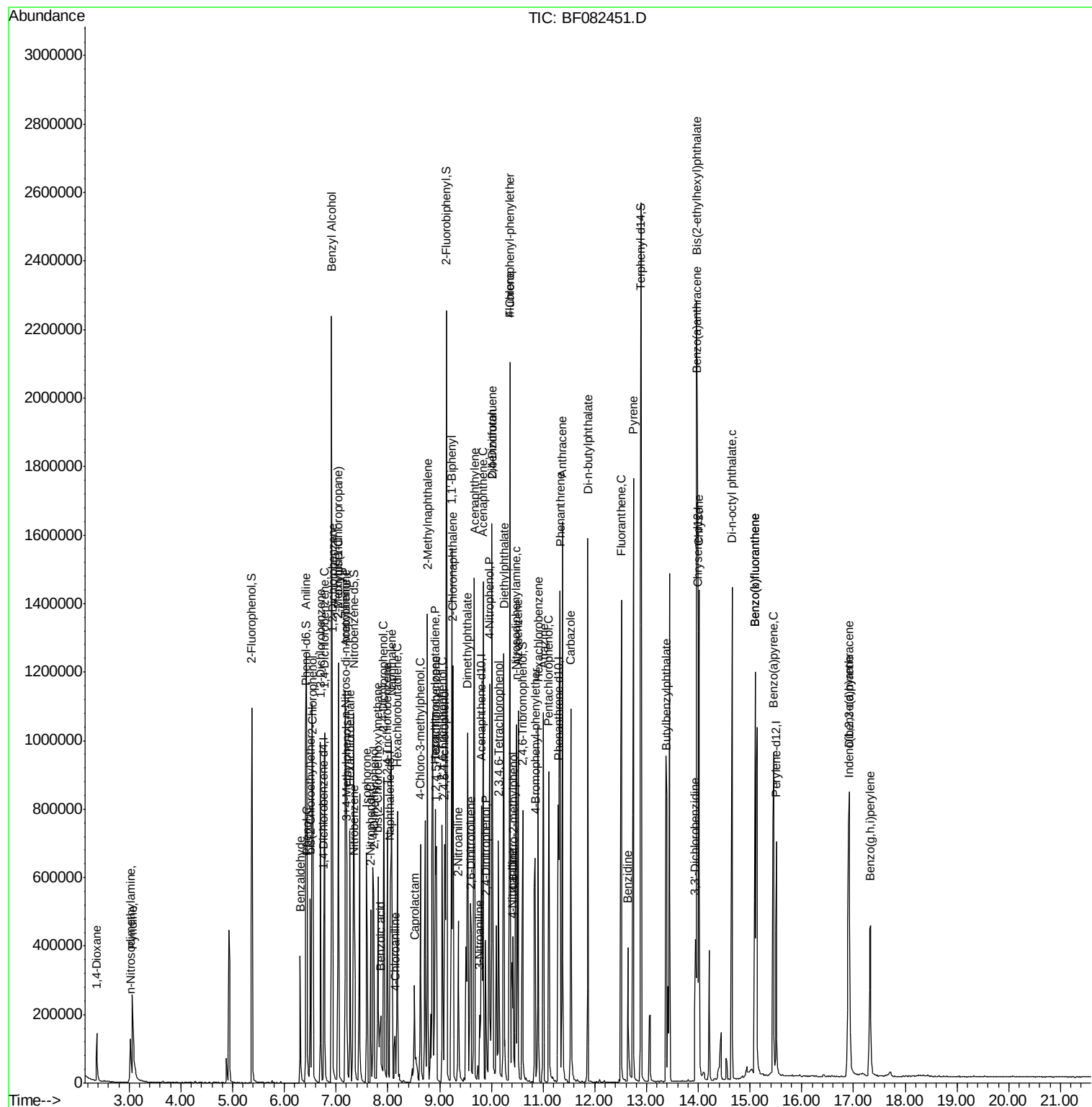
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	122777	28.91	ng	98
43) 2,4,5-Trichlorophenol	9.10	196	140426	30.52	ng #	88
45) 1,1'-Biphenyl	9.23	154	538471	32.85	ng	97
46) 2-Chloronaphthalene	9.26	162	407594	31.59	ng	95
47) 2-Nitroaniline	9.36	65	114808	32.41	ng	99
48) Acenaphthylene	9.67	152	617683	30.73	ng	99
49) Dimethylphthalate	9.54	163	510698	33.74	ng	99
50) 2,6-Dinitrotoluene	9.61	165	104750	32.79	ng #	78
51) Acenaphthene	9.84	154	363001	30.08	ng	99
52) 3-Nitroaniline	9.77	138	48454	13.43	ng #	73
53) 2,4-Dinitrophenol	9.89	184	71264	43.13	ng #	80
54) Dibenzofuran	10.01	168	563831	34.03	ng	96
55) 4-Nitrophenol	9.97	139	117283	54.04	ng	99
56) 2,4-Dinitrotoluene	10.01	165	144735	36.25	ng	94
57) Fluorene	10.35	166	442137	32.49	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	111735	29.73	ng	98
59) Diethylphthalate	10.24	149	507060	35.94	ng	100
60) 4-Chlorophenyl-phenylether	10.35	204	223892	35.92	ng	88
61) 4-Nitroaniline	10.40	138	109735	31.36	ng	97
62) Azobenzene	10.51	77	480639	34.80	ng	91
64) 4,6-Dinitro-2-methylphenol	10.42	198	72347	30.62	ng	99
65) n-Nitrosodiphenylamine	10.48	169	410034	32.53	ng	100
66) 4-Bromophenyl-phenylether	10.85	248	133587	31.70	ng #	84
67) Hexachlorobenzene	10.90	284	135955	29.83	ng #	73
68) Atrazine	11.01	200	130150	32.59	ng	97
69) Pentachlorophenol	11.11	266	121989	52.02	ng	98
70) Phenanthrene	11.33	178	746147	36.16	ng	99
71) Anthracene	11.37	178	707022	33.25	ng	99
72) Carbazole	11.53	167	638878	32.93	ng	99
73) Di-n-butylphthalate	11.86	149	810195	33.85	ng	100
74) Fluoranthene	12.52	202	801367	36.15	ng	97
76) Benzidine	12.64	184	225994	19.04	ng	99
77) Pyrene	12.74	202	830930	34.18	ng	99
79) Butylbenzylphthalate	13.38	149	352947	31.82	ng #	81
80) Benzo(a)anthracene	13.98	228	679475	31.88	ng	99
81) 3,3'-Dichlorobenzidine	13.94	252	116841	14.44	ng #	97
82) Chrysene	14.01	228	591702	26.35	ng	100
83) Bis(2-ethylhexyl)phthalate	13.97	149	467689	29.55	ng #	98
84) Di-n-octyl phthalate	14.65	149	834512	30.70	ng	100
85) Indeno(1,2,3-cd)pyrene	16.90	276	498260	27.92	ng	98
87) Benzo(b)fluoranthene	15.10	252	578464	28.92	ng	98
88) Benzo(k)fluoranthene	15.10	252	578464	34.41	ng	99
89) Benzo(a)pyrene	15.45	252	555492	32.32	ng #	96
90) Dibenzo(a,h)anthracene	16.92	278	421580	29.93	ng	99
91) Benzo(g,h,i)perylene	17.33	276	404242	29.54	ng	98

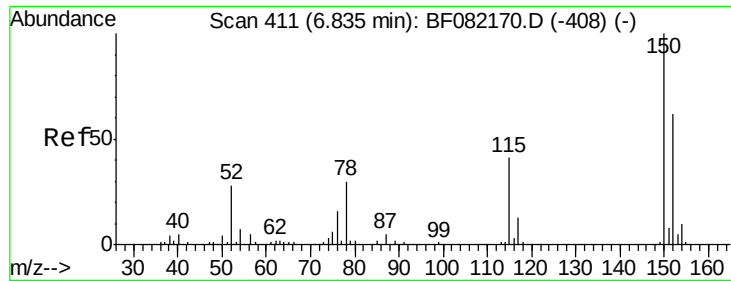
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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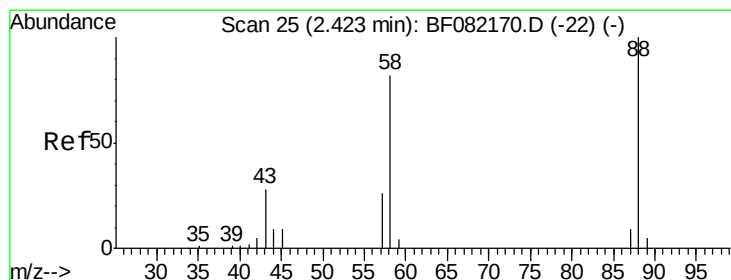
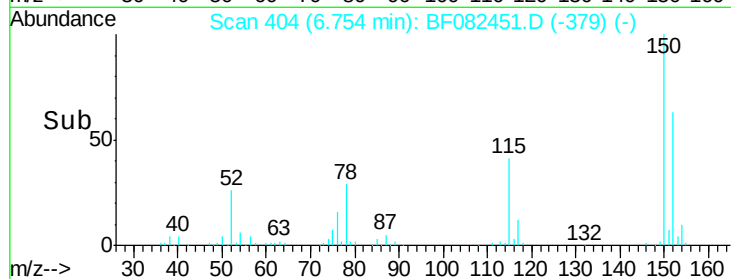
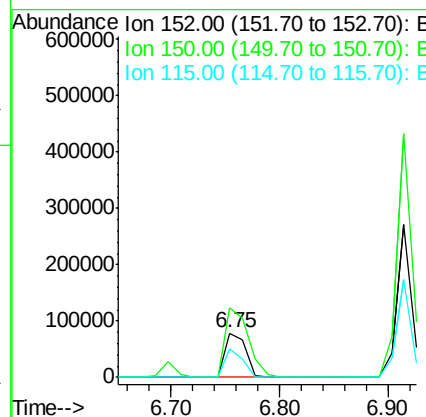
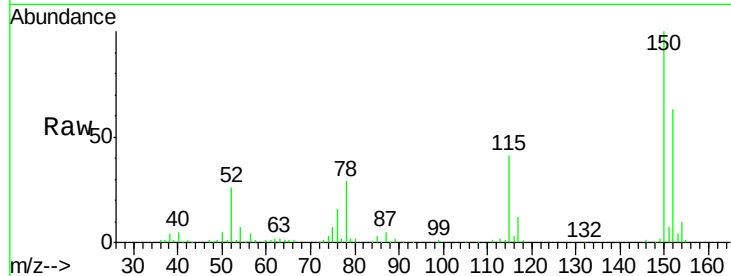




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.75 min Scan# 404
 Delta R.T. -0.01 min
 Lab File: BF082451.D
 Acq: 22 Oct 2015 18:09

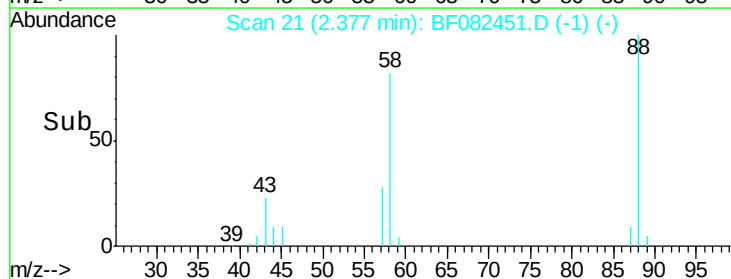
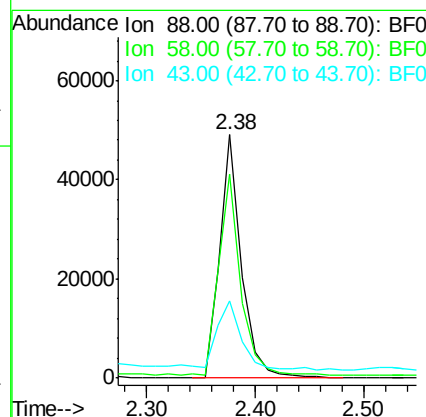
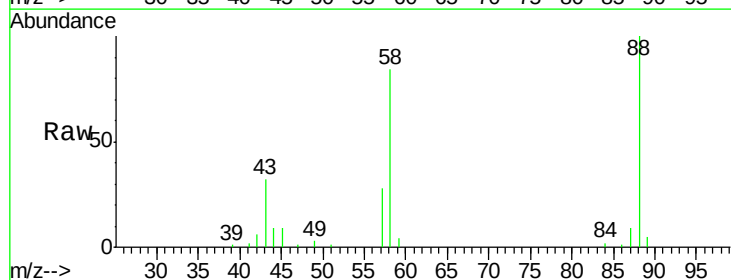
Instrument :
 BNA_F
 ClientSampleId :
 PB86210BS

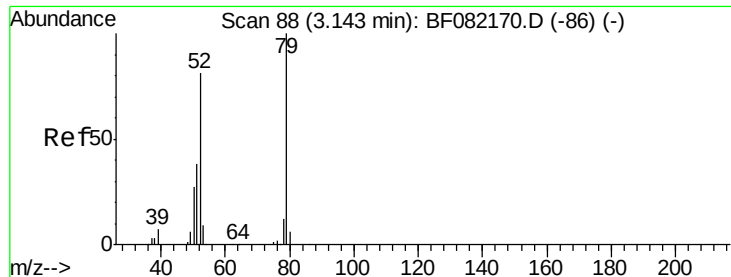
Tgt Ion: 152 Resp: 103786
 Ion Ratio Lower Upper
 152 100
 150 159.0 129.0 193.4
 115 65.1 52.1 78.1



#2
 1,4-Dioxane
 Concen: 26.60 ng
 RT: 2.38 min Scan# 21
 Delta R.T. 0.10 min
 Lab File: BF082451.D
 Acq: 22 Oct 2015 18:09

Tgt Ion: 88 Resp: 68732
 Ion Ratio Lower Upper
 88 100
 58 84.0 66.2 99.4
 43 32.8 23.0 34.4





#3

Pyridine

Concen: 28.56 ng

RT: 3.06 min Scan# 81

Delta R.T. 0.09 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB86210BS

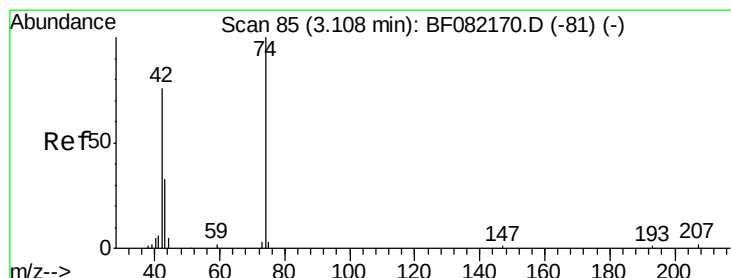
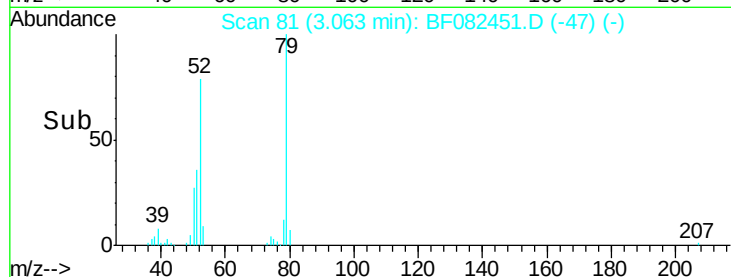
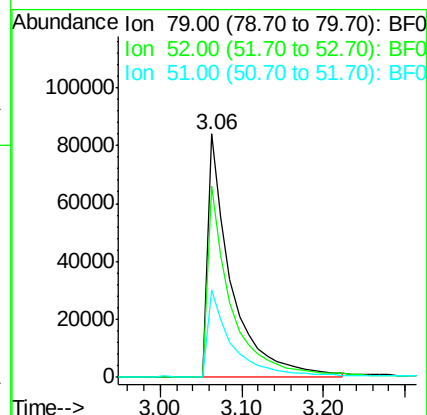
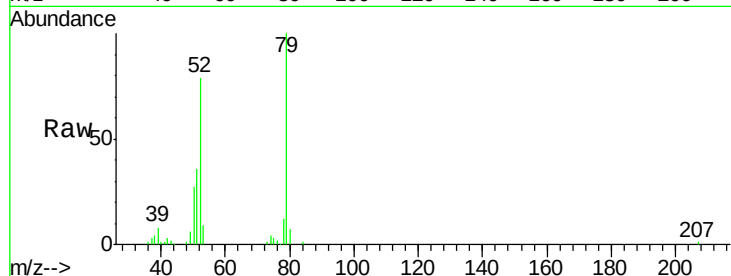
Tgt Ion: 79 Resp: 171649

Ion Ratio Lower Upper

79 100

52 78.6 64.4 96.6

51 36.2 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 30.11 ng

RT: 3.03 min Scan# 78

Delta R.T. 0.07 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

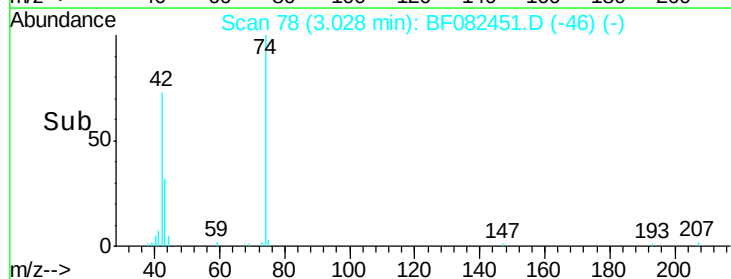
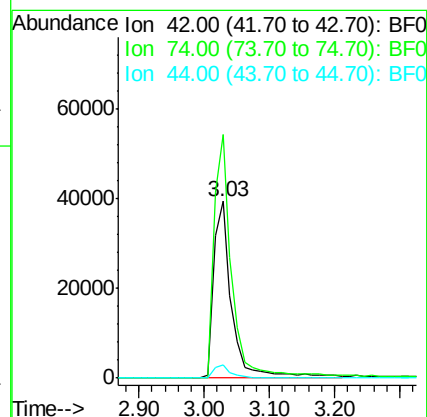
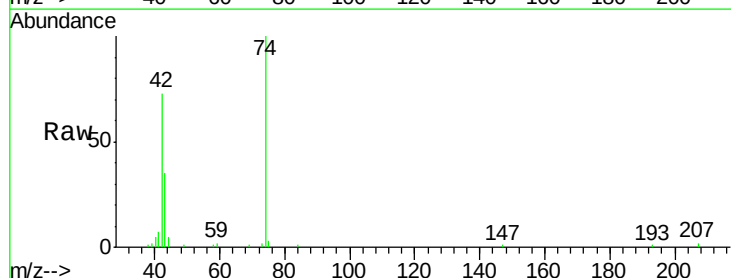
Tgt Ion: 42 Resp: 76749

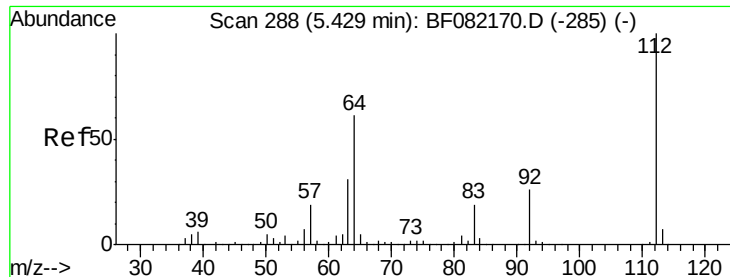
Ion Ratio Lower Upper

42 100

74 137.9 105.7 158.5

44 7.2 5.4 8.2





#5

2-Fluorophenol

Concen: 70.13 ng

RT: 5.37 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

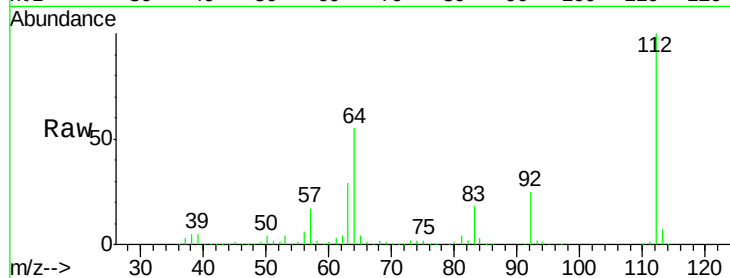
Instrument :

BNA_F

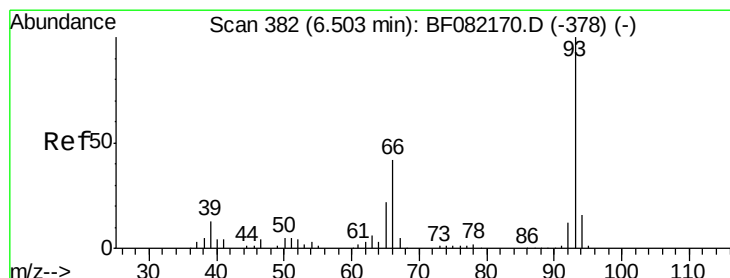
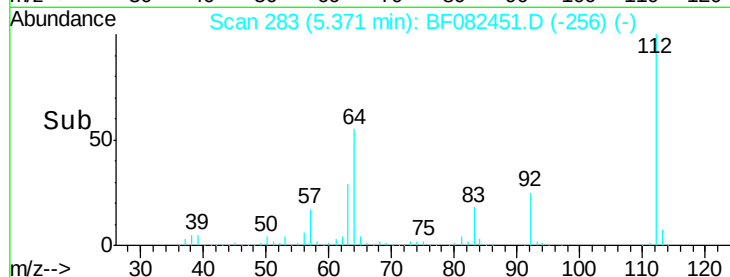
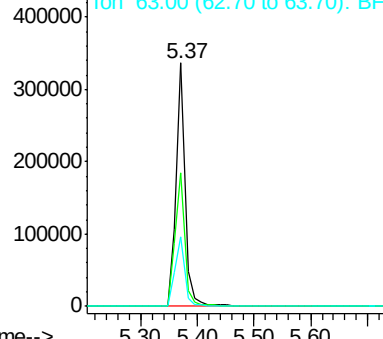
ClientSampleId :

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Tgt Ion:	112	Resp:	360625
Ion	Ratio	Lower	Upper
112	100		
64	54.7	48.6	73.0
63	28.6	25.1	37.7



Abundance Ion 112.00 (111.70 to 112.70): B



#6

Aniline

Concen: 13.14 ng

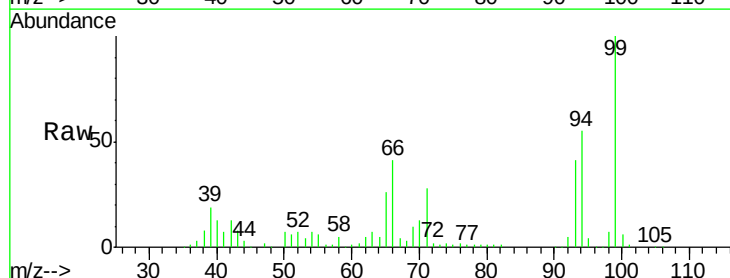
RT: 6.42 min Scan# 375

Delta R.T. -0.01 min

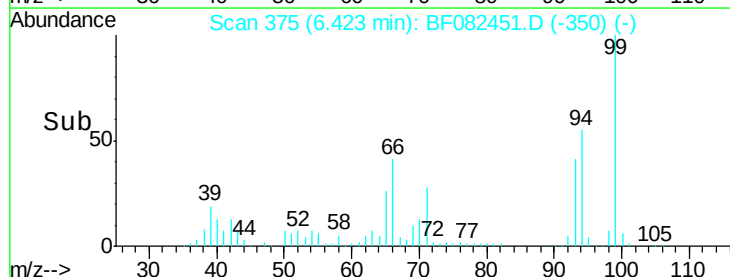
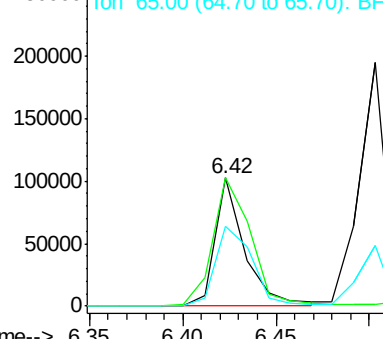
Lab File: BF082451.D

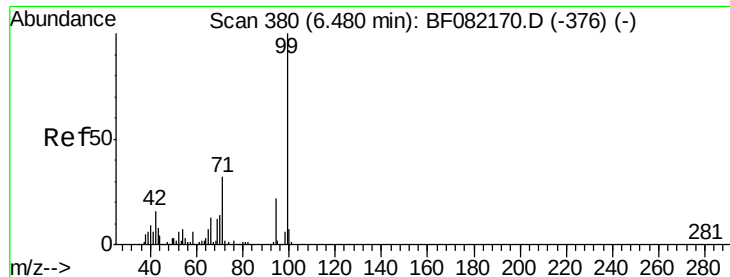
Acq: 22 Oct 2015 18:09

Tgt Ion:	93	Resp:	113391
Ion	Ratio	Lower	Upper
93	100		
66	100.0	34.2	51.2#
65	62.3	17.9	26.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 66.88 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

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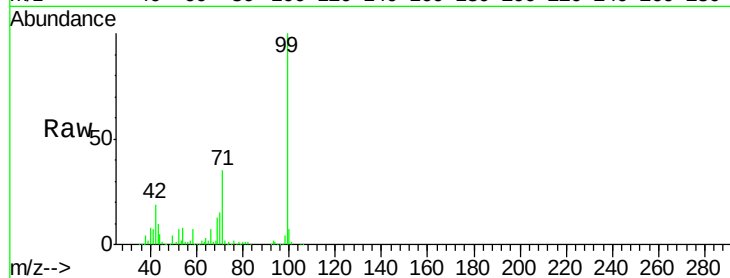
Tgt Ion: 99 Resp: 447551

Ion Ratio Lower Upper

99 100

42 19.0 13.2 19.8

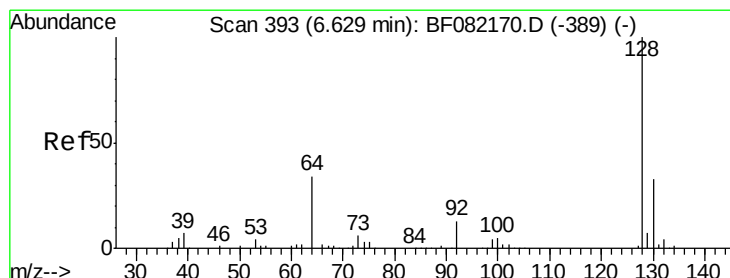
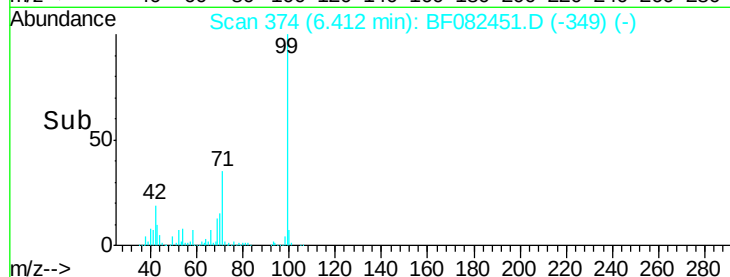
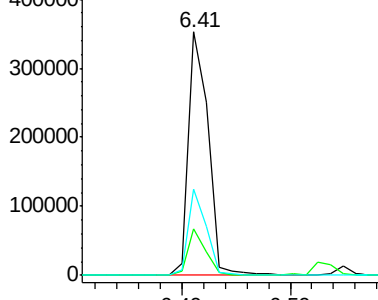
71 35.4 25.6 38.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 33.54 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

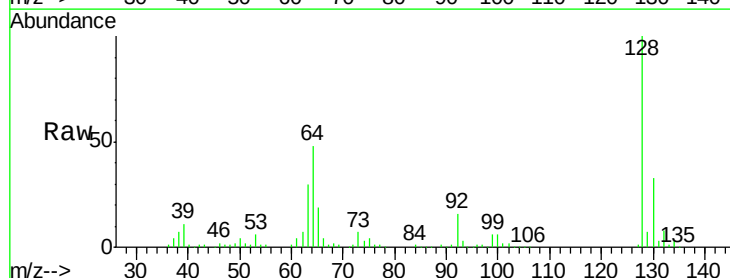
Tgt Ion: 128 Resp: 210584

Ion Ratio Lower Upper

128 100

130 32.7 12.6 52.6

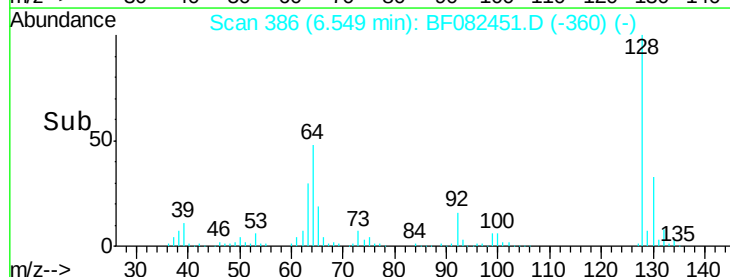
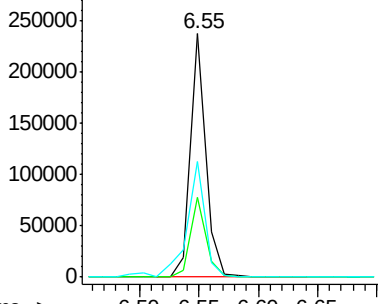
64 47.6 16.7 56.7

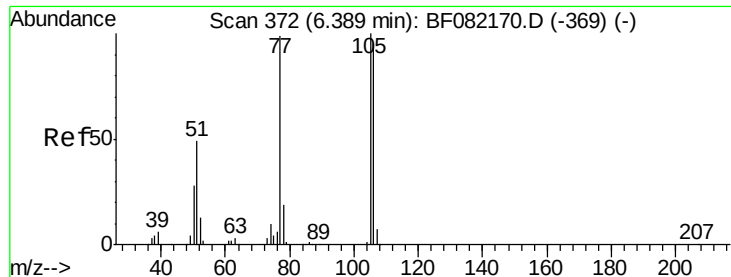


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 23.77 ng

RT: 6.31 min Scan# 365

Delta R.T. -0.00 min

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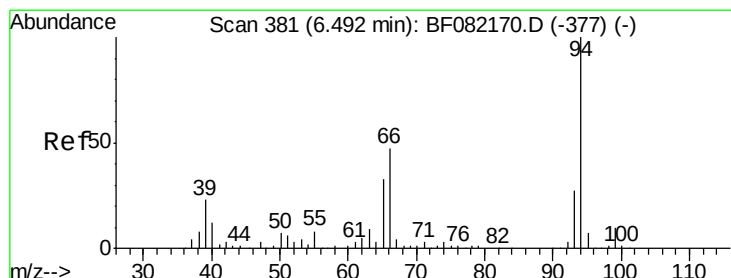
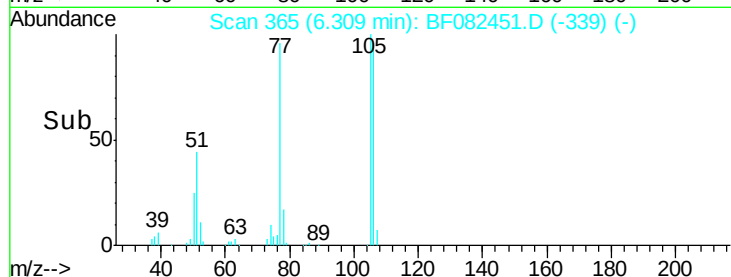
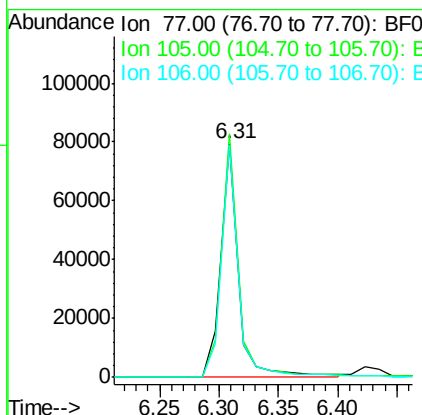
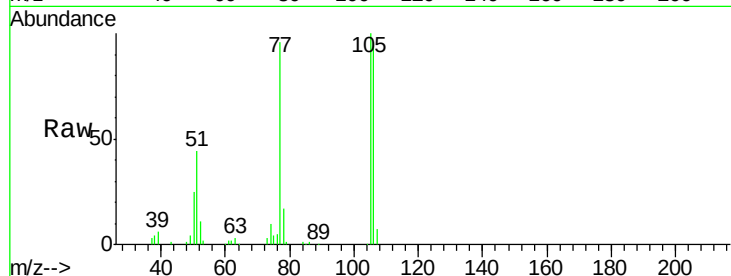
Tgt Ion: 77 Resp: 81226

Ion Ratio Lower Upper

77 100

105 104.2 80.6 120.6

106 99.6 75.5 115.5



#10

Phenol

Concen: 30.28 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.00 min

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Acq: 22 Oct 2015 18:09

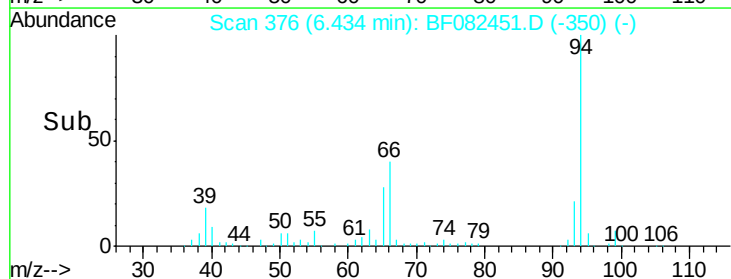
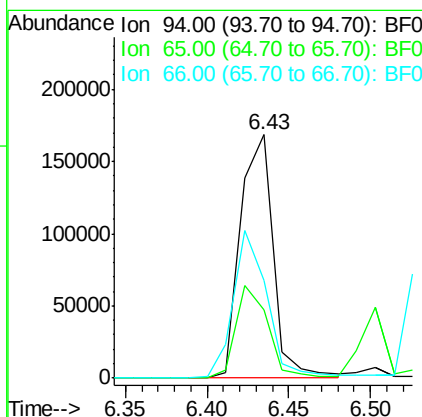
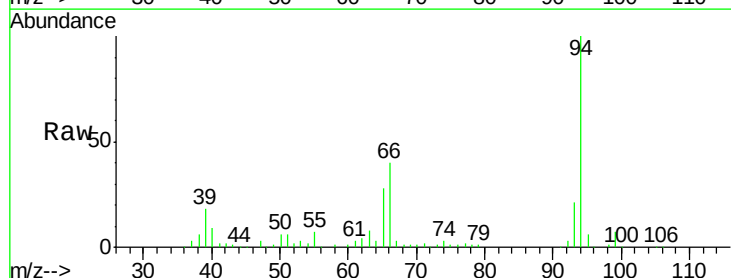
Tgt Ion: 94 Resp: 233657

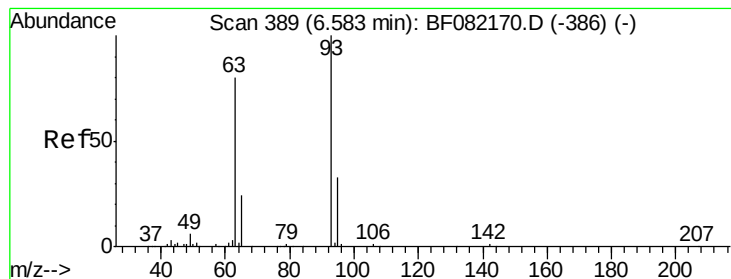
Ion Ratio Lower Upper

94 100

65 28.1 12.6 52.6

66 40.4 27.3 67.3





#11

bis(2-Chloroethyl)ether

Concen: 28.14 ng

RT: 6.50 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB86210BS

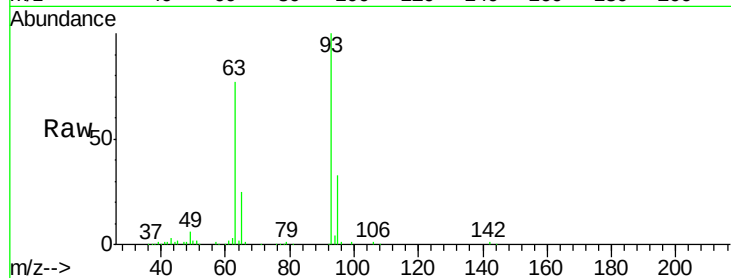
Tgt Ion: 93 Resp: 183617

Ion Ratio Lower Upper

93 100

63 77.1 57.1 97.1

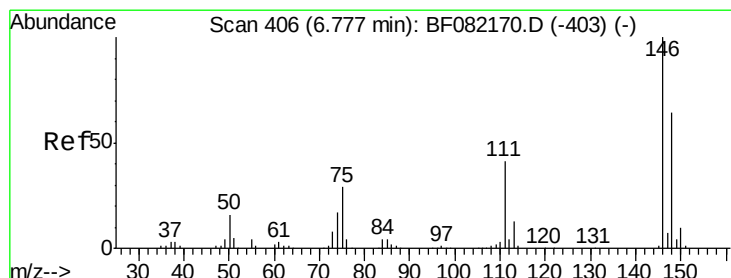
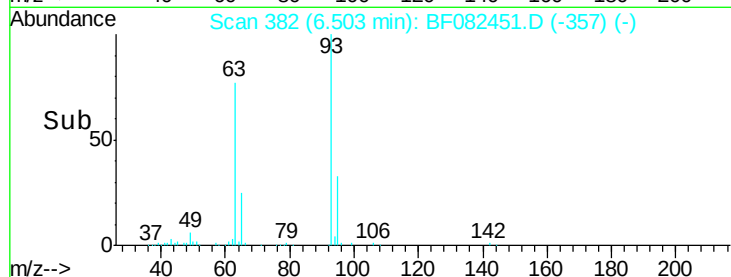
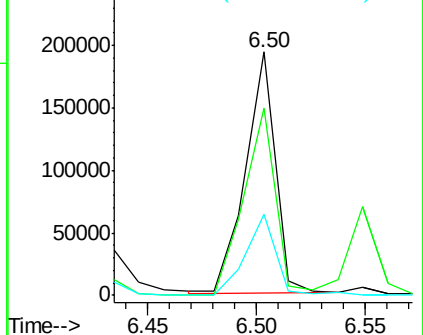
95 33.1 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 31.76 ng

RT: 6.70 min Scan# 399

Delta R.T. -0.00 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

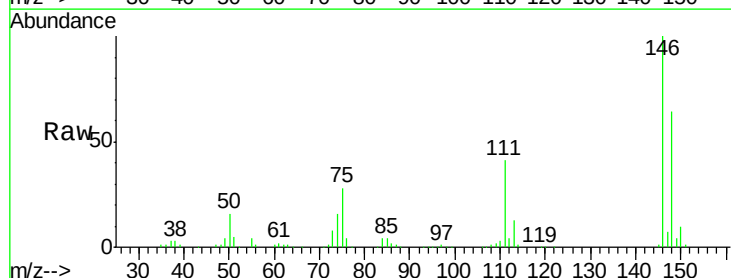
Tgt Ion: 146 Resp: 232223

Ion Ratio Lower Upper

146 100

148 64.0 51.4 77.2

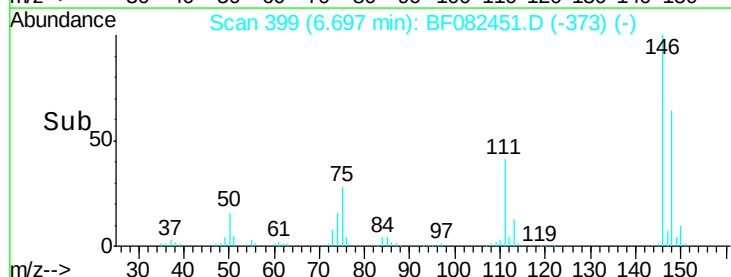
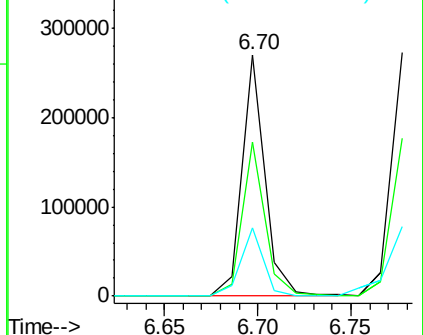
75 28.1 23.0 34.6

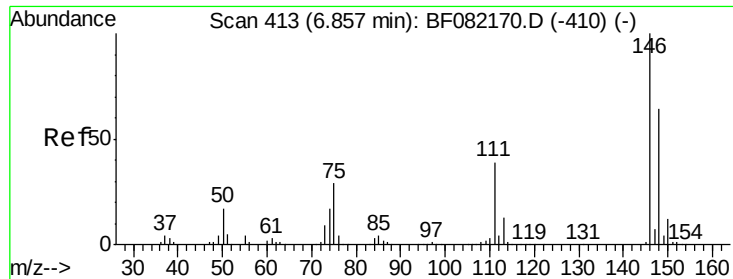


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

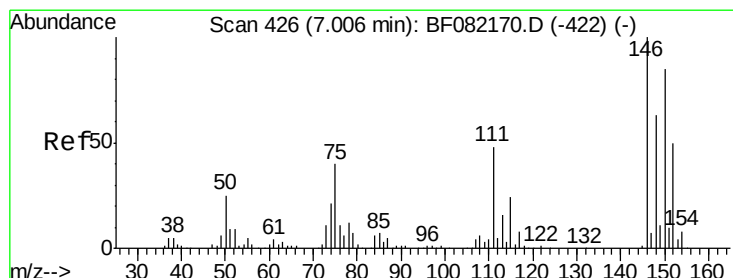
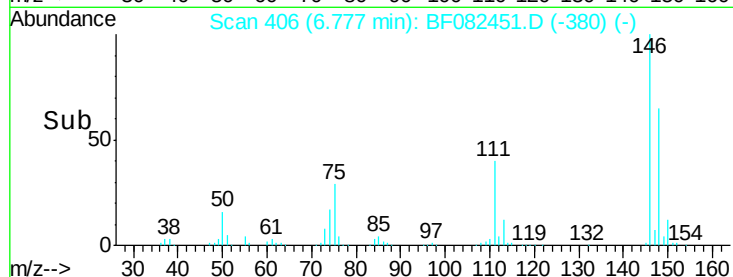
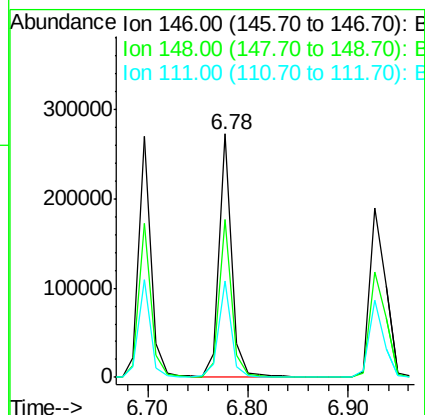
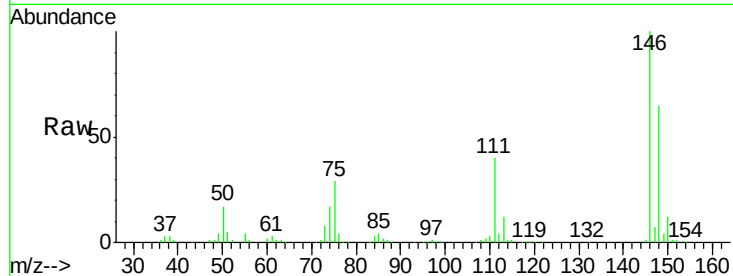




#13
 1,4-Dichlorobenzene
 Concen: 31.49 ng
 RT: 6.78 min Scan# 406
 Delta R.T. -0.00 min
 Lab File: BF082451.D
 Acq: 22 Oct 2015 18:09

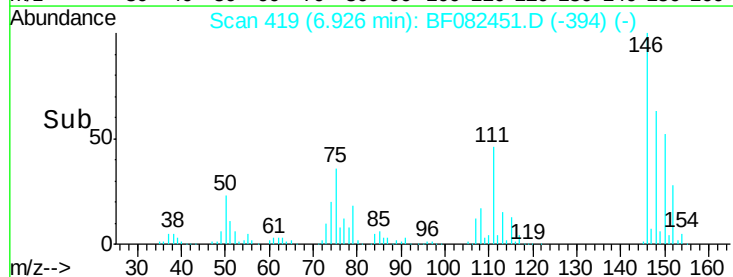
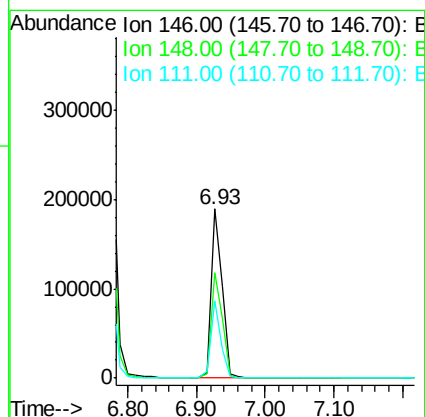
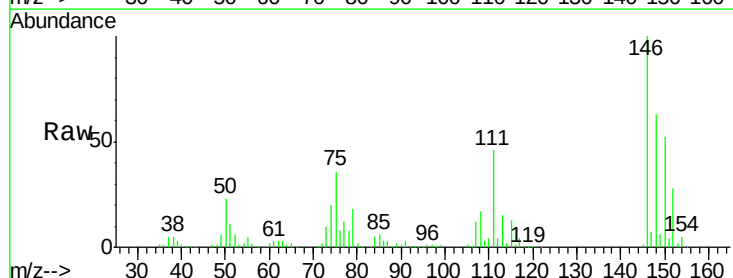
Instrument :
 BNA_F
 ClientSampleId :
 PB86210BS

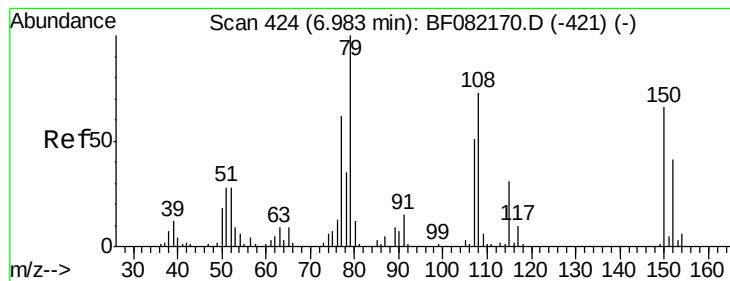
Tgt Ion:146 Resp: 240409
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.0 76.4
 111 39.7 31.1 46.7



#14
 1,2-Dichlorobenzene
 Concen: 29.37 ng
 RT: 6.93 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BF082451.D
 Acq: 22 Oct 2015 18:09

Tgt Ion:146 Resp: 212900
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.5 75.7
 111 46.0 38.5 57.7





#15

Benzyl Alcohol

Concen: 34.66 ng

RT: 6.91 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB86210BS

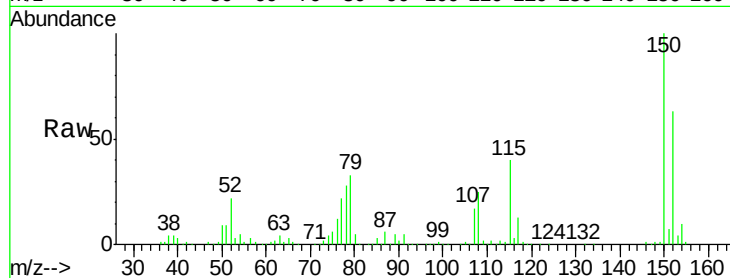
Tgt Ion: 79 Resp: 160119

Ion Ratio Lower Upper

79 100

108 76.2 58.4 87.6

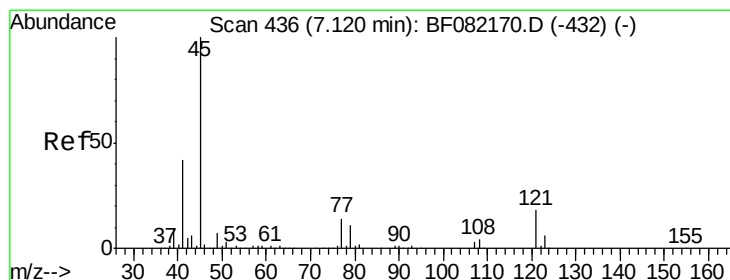
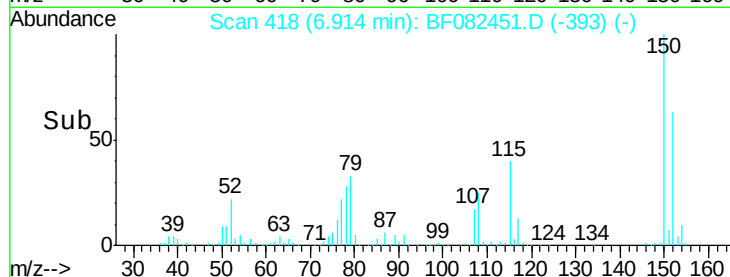
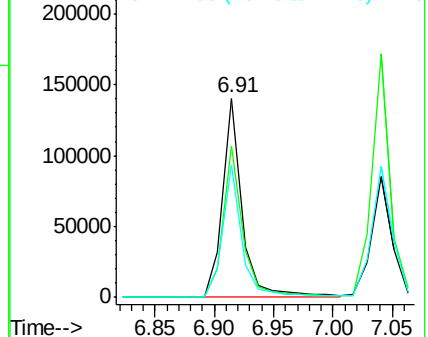
77 66.4 49.8 74.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.24 ng

RT: 7.04 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

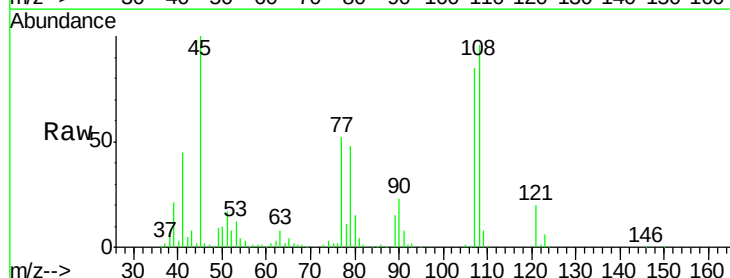
Tgt Ion: 45 Resp: 283884

Ion Ratio Lower Upper

45 100

77 51.8 0.0 34.5#

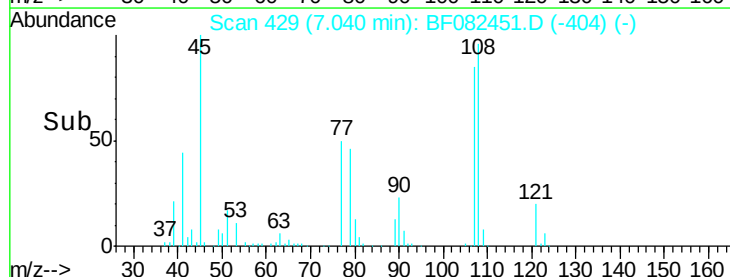
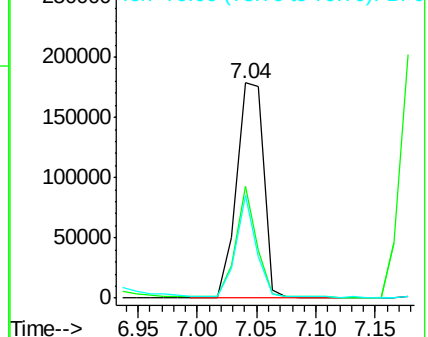
79 47.6 0.0 31.6#

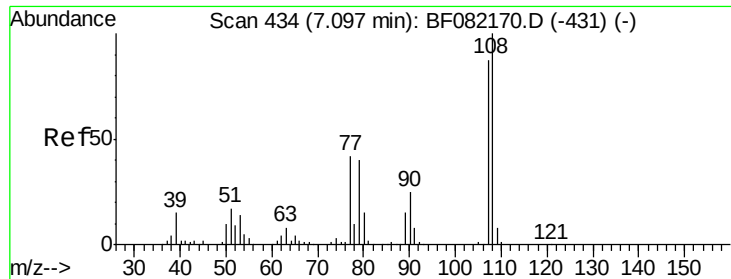


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 33.10 ng

RT: 7.04 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB86210BS

Tgt Ion:107 Resp: 164304

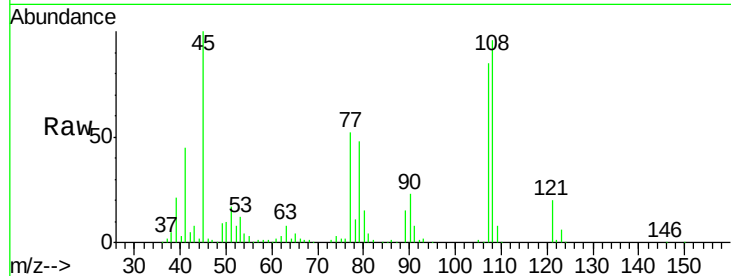
Ion Ratio Lower Upper

107 100

108 113.2 92.2 138.2

77 61.0 39.6 59.4#

79 56.1 38.2 57.4

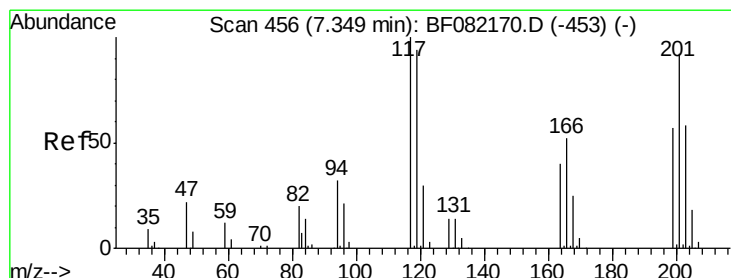
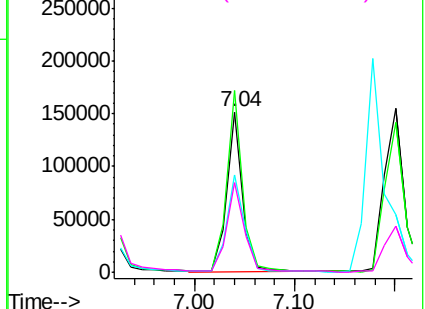
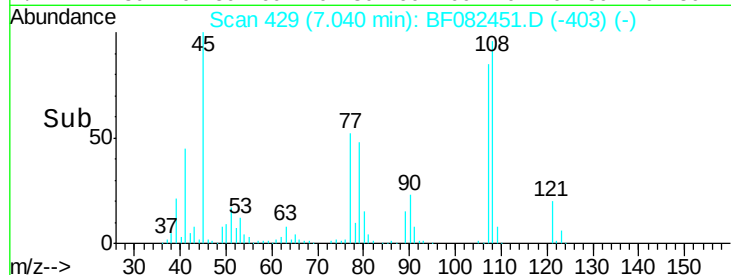


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 31.15 ng

RT: 7.27 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

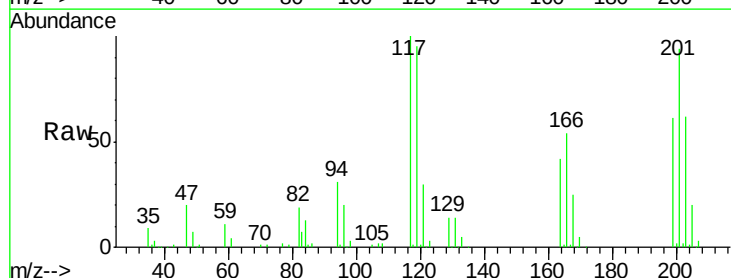
Tgt Ion:117 Resp: 81399

Ion Ratio Lower Upper

117 100

119 94.8 75.4 113.2

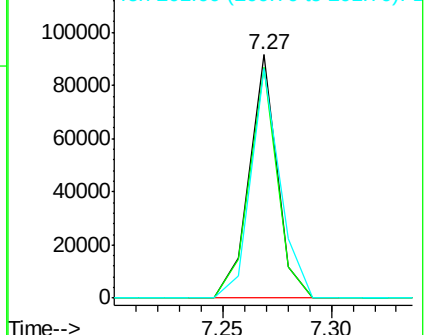
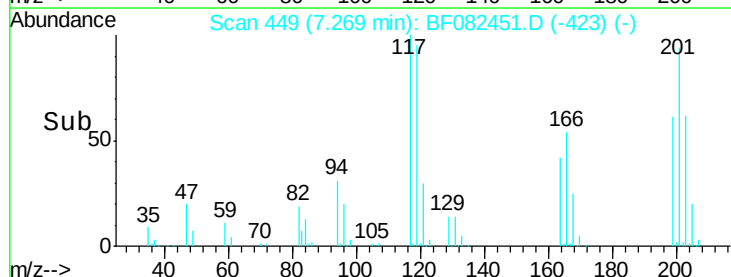
201 94.4 73.4 110.0

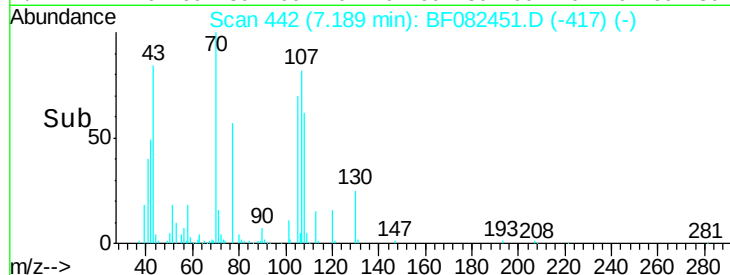
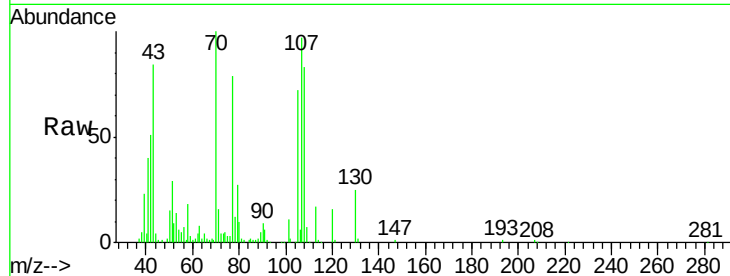
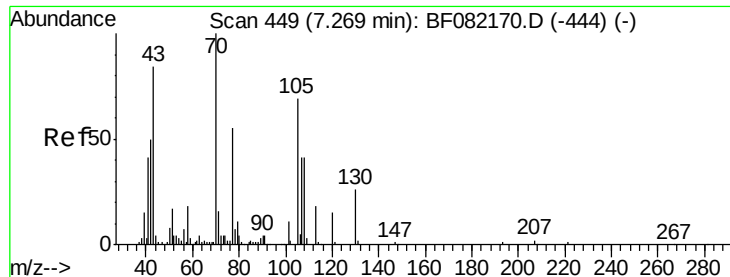


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

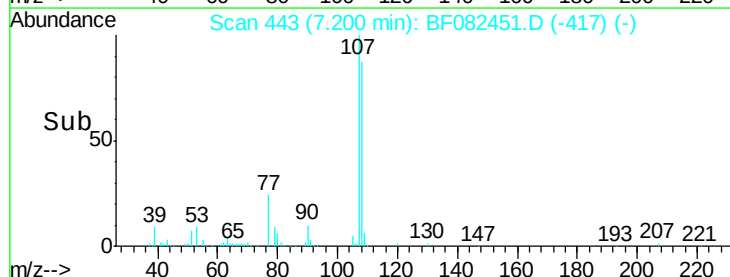
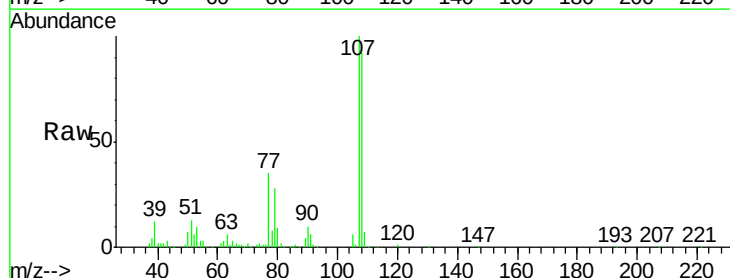
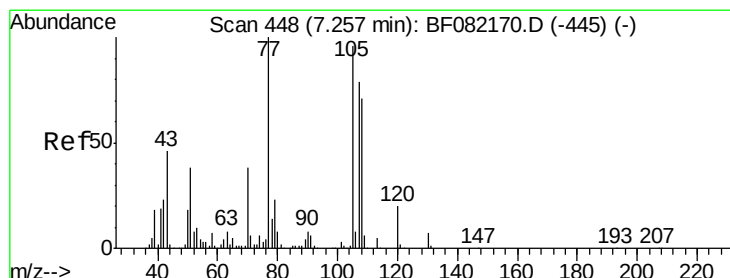
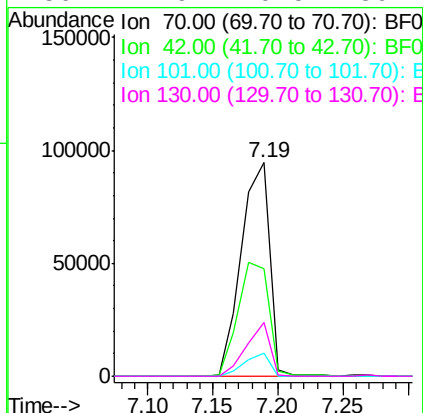




#19
n-Nitroso-di-n-propylamine
Concen: 30.41 ng
RT: 7.19 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

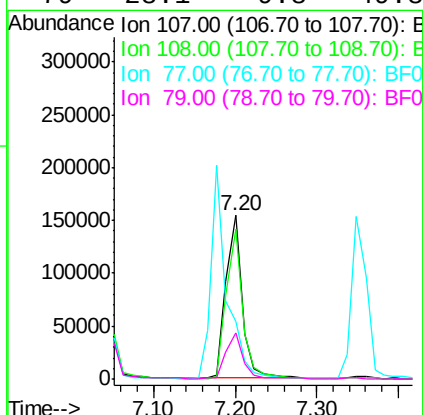
Instrument :
BNA_F
ClientSampleId :
PB86210BS

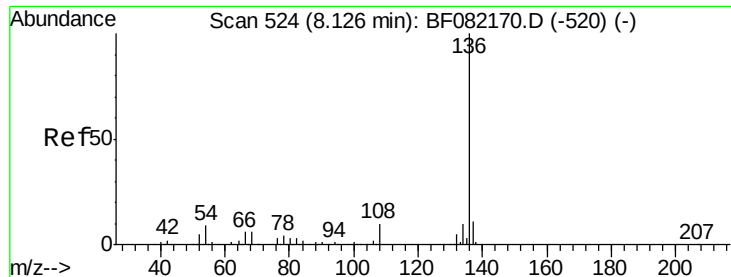
Tgt Ion:	70	Resp:	142935
Ion	Ratio	Lower	Upper
70	100		
42	50.6	39.8	59.8
101	10.6	8.6	13.0
130	24.9	20.5	30.7



#20
3+4-Methylphenols
Concen: 36.04 ng
RT: 7.20 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:	107	Resp:	213218
Ion	Ratio	Lower	Upper
107	100		
108	91.9	69.9	109.9
77	34.9	106.0	146.0#
79	28.1	9.8	49.8

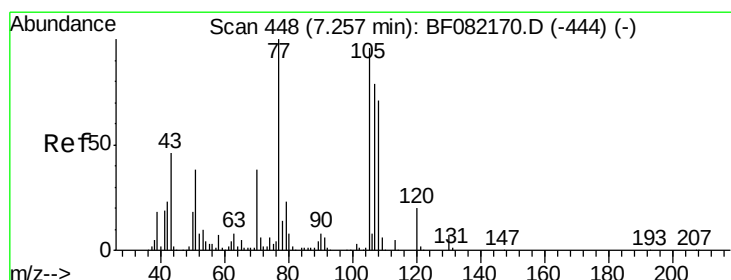
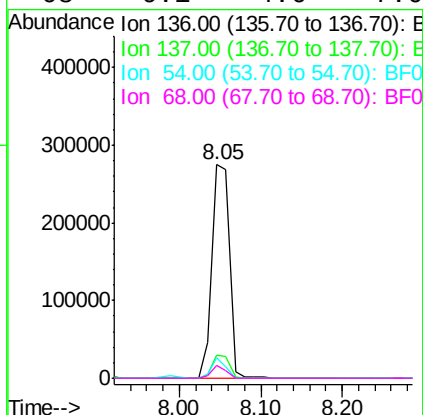
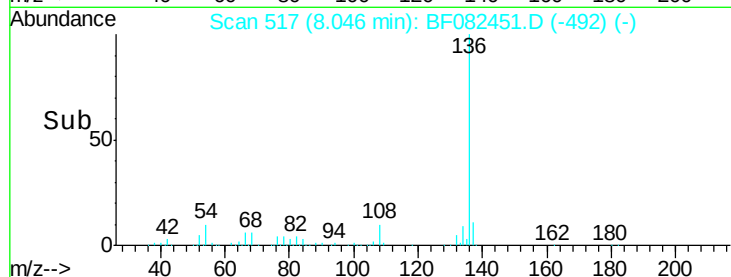
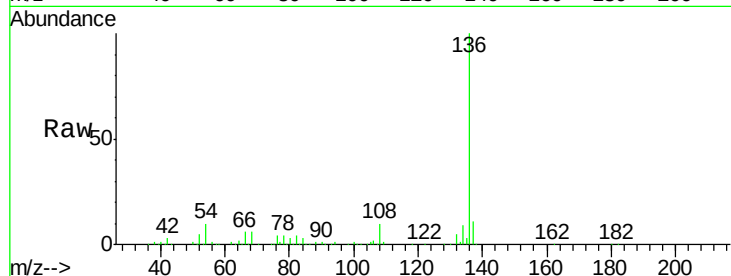




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

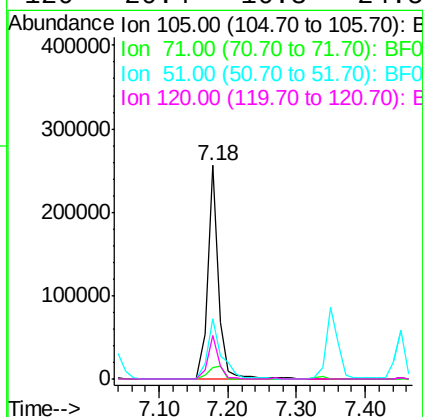
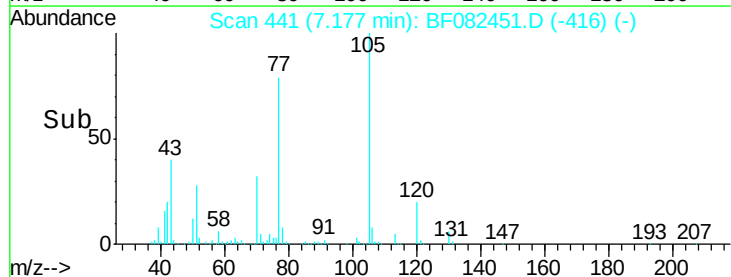
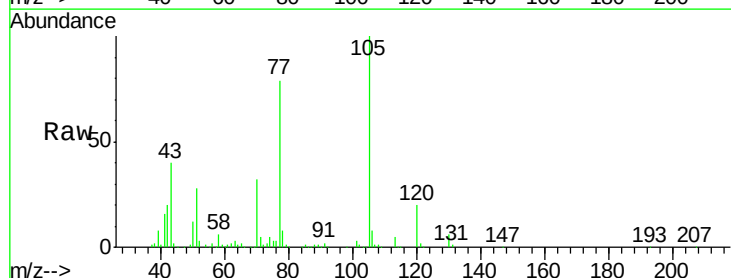
Instrument :
BNA_F
ClientSampleId :
PB86210BS

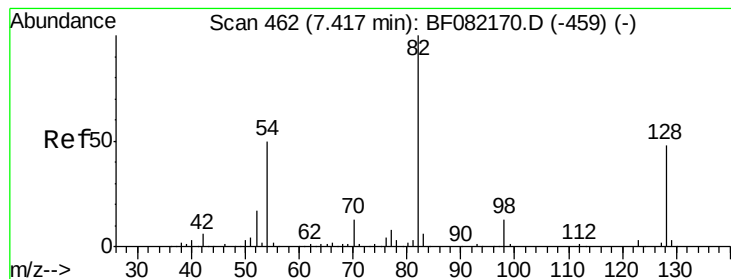
Tgt Ion:	136	Resp:	414677
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	9.9	7.5	11.3
68	6.1	4.6	7.0



#22
Acetophenone
Concen: 33.95 ng
RT: 7.18 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:	105	Resp:	278523
Ion	Ratio	Lower	Upper
105	100		
71	5.4	5.4	8.0#
51	28.4	31.8	47.6#
120	20.4	16.3	24.5





#23

Nitrobenzene-d5

Concen: 69.61 ng

RT: 7.34 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB86210BS

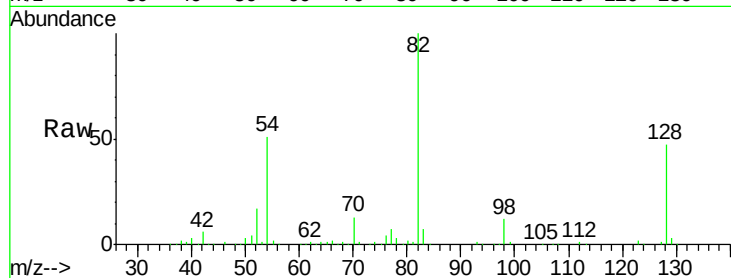
Tgt Ion: 82 Resp: 429826

Ion Ratio Lower Upper

82 100

128 46.8 38.7 58.1

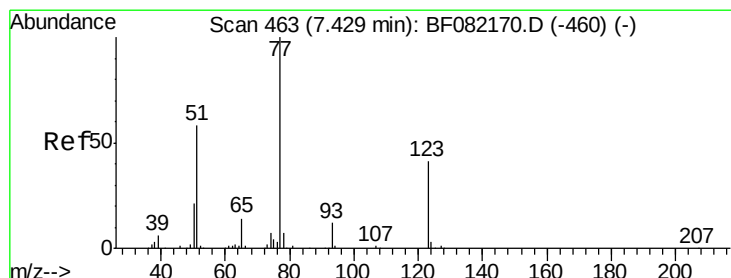
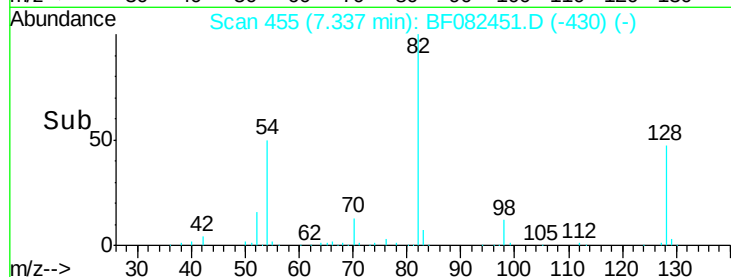
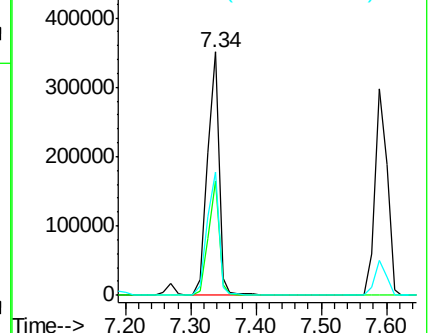
54 50.6 40.1 60.1



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 29.18 ng

RT: 7.35 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

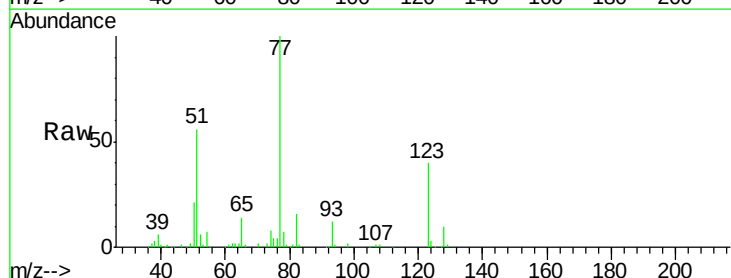
Tgt Ion: 77 Resp: 195042

Ion Ratio Lower Upper

77 100

123 40.4 33.0 49.4

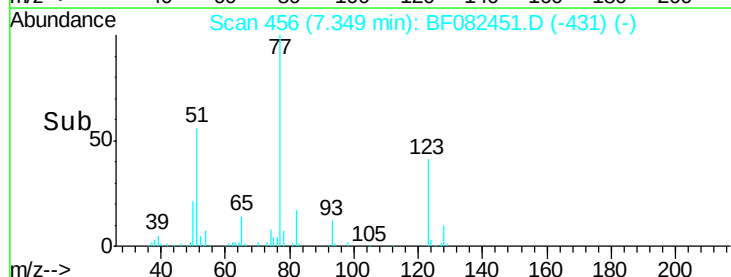
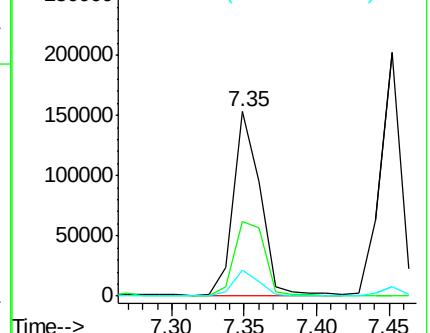
65 14.1 11.2 16.8

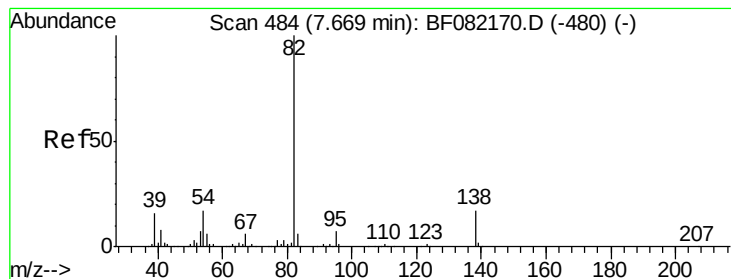


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 30.47 ng

RT: 7.59 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB86210BS

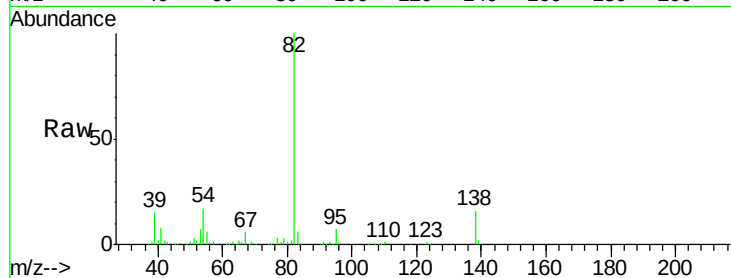
Tgt Ion: 82 Resp: 379794

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

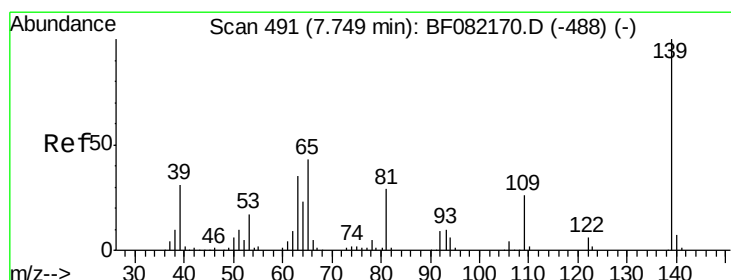
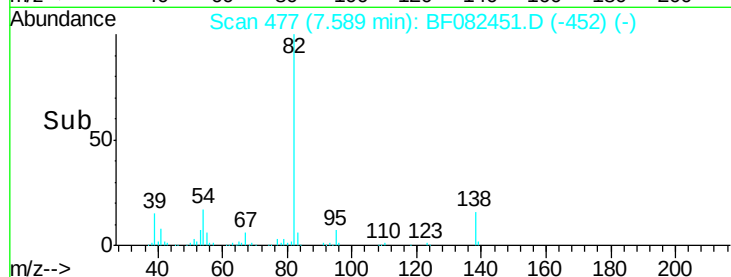
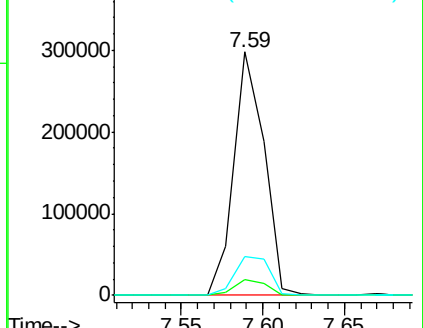
138 16.0 13.6 20.4



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: 32.68 ng

RT: 7.67 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

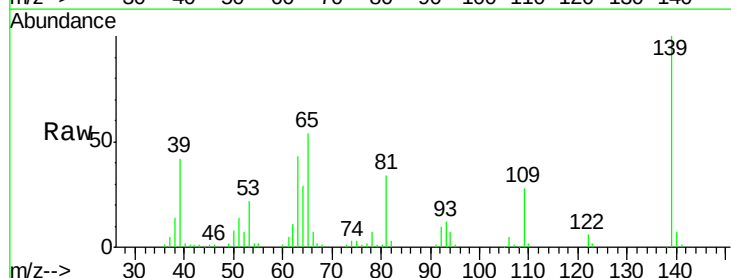
Tgt Ion: 139 Resp: 109074

Ion Ratio Lower Upper

139 100

109 27.7 20.6 31.0

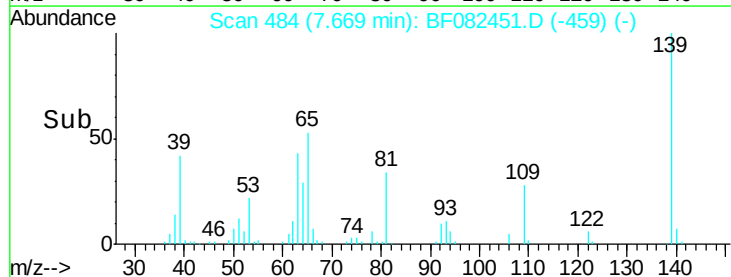
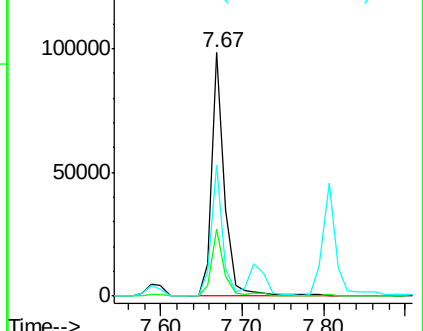
65 53.6 34.3 51.5#

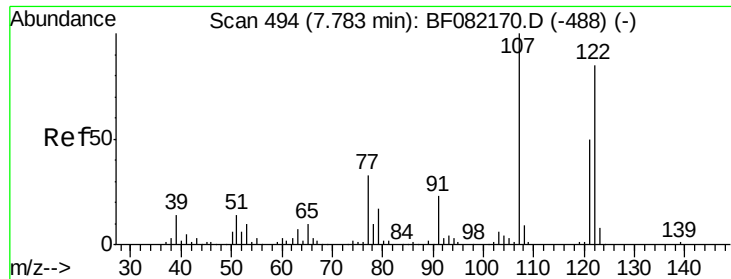


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

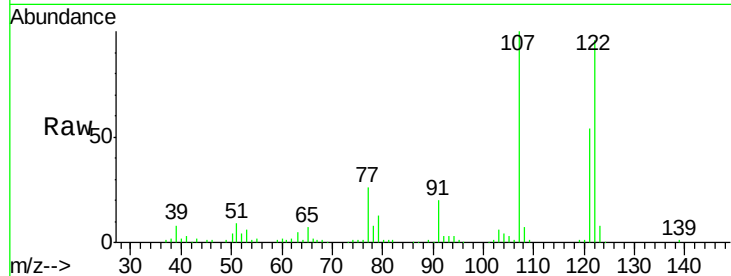




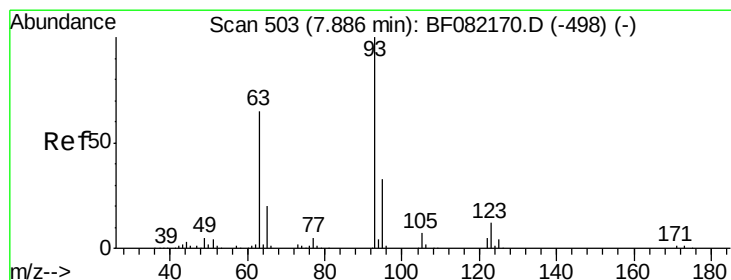
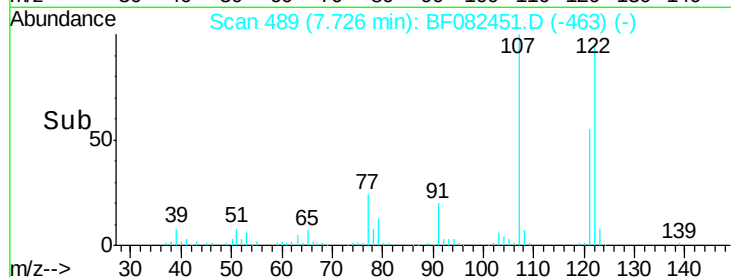
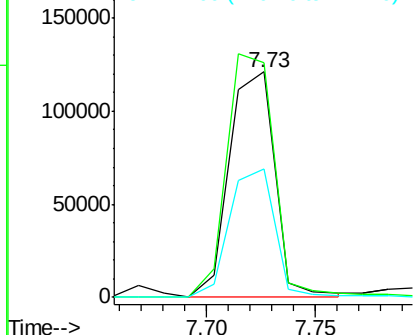
#27
2,4-Dimethylphenol
Concen: 32.59 ng
RT: 7.73 min Scan# 489
Delta R.T. -0.00 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Instrument :
BNA_F
ClientSampleId :
PB86210BS

Tgt Ion:122 Resp: 175253
Ion Ratio Lower Upper
122 100
107 104.3 94.0 141.0
121 56.8 46.8 70.2

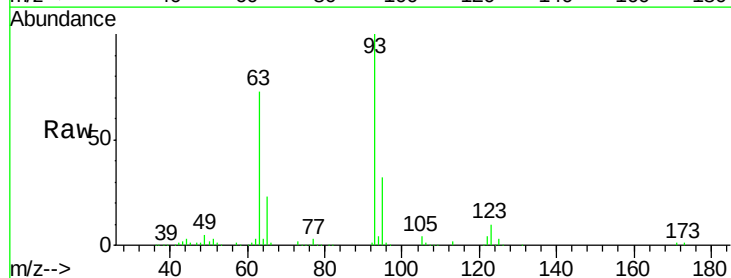


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

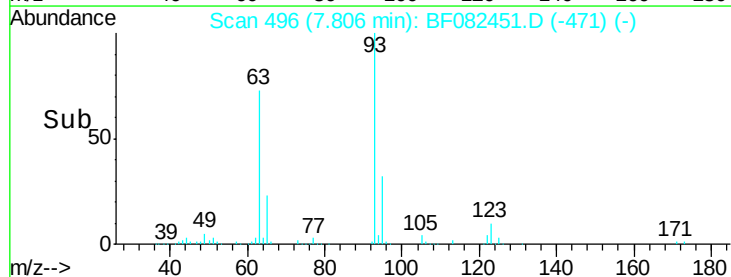
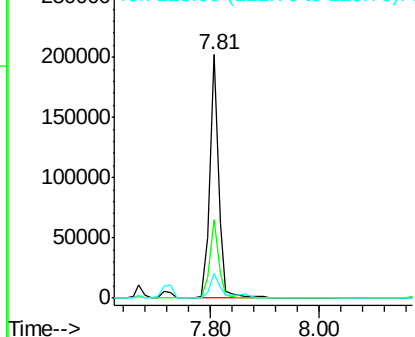


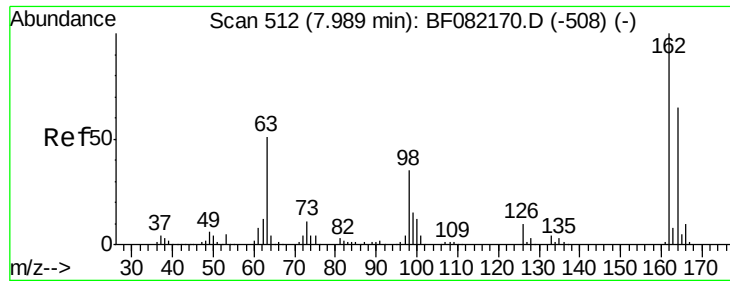
#28
bis(2-Chloroethoxy)methane
Concen: 32.08 ng
RT: 7.81 min Scan# 496
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion: 93 Resp: 232612
Ion Ratio Lower Upper
93 100
95 32.2 26.6 39.8
123 10.0 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

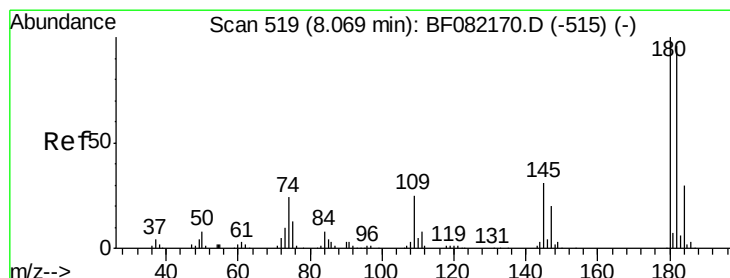
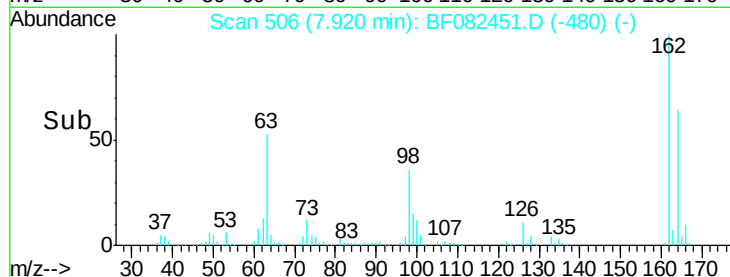
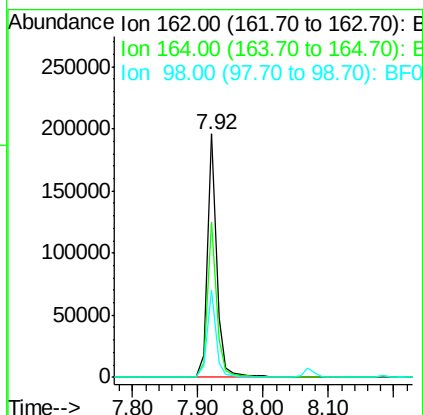
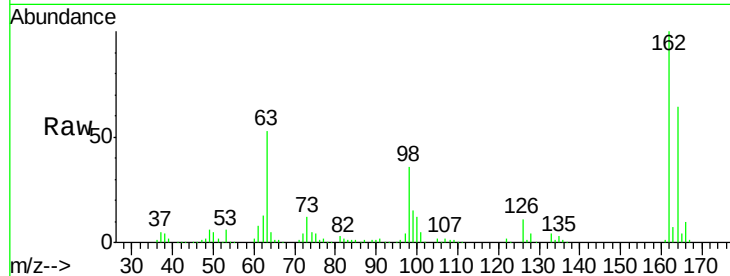




#29
 2,4-Dichlorophenol
 Concen: 35.99 ng
 RT: 7.92 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF082451.D
 Acq: 22 Oct 2015 18:09

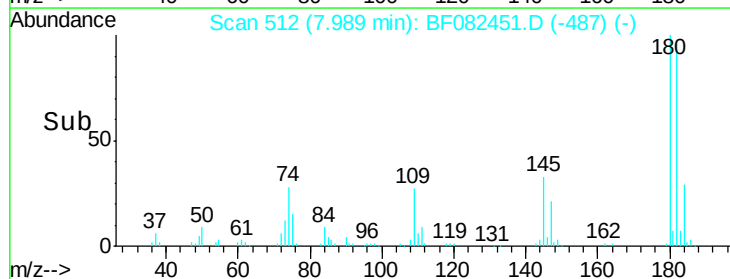
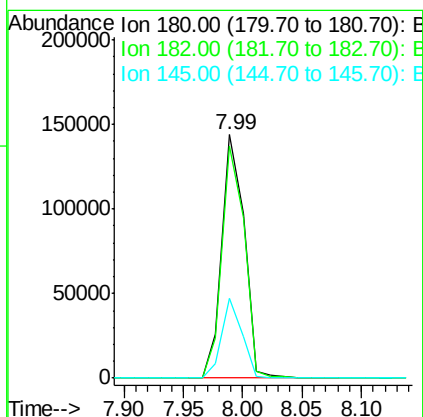
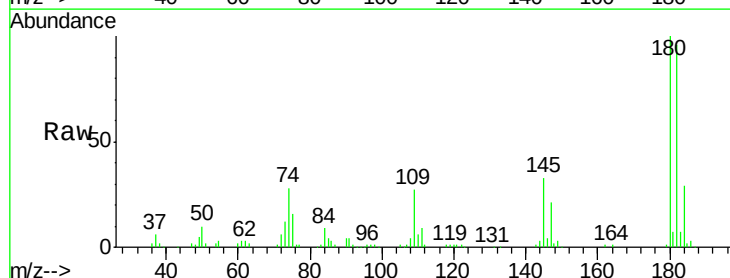
Instrument :
 BNA_F
 ClientSampled :
 PB86210BS

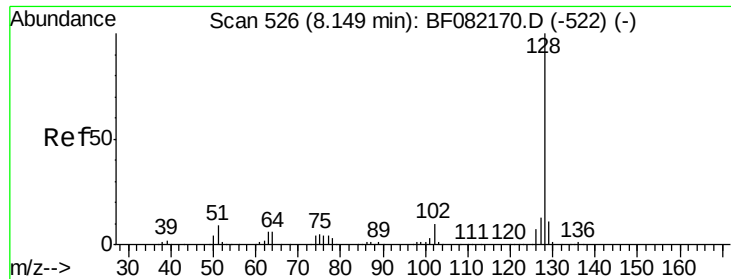
Tgt Ion:162 Resp: 193439
 Ion Ratio Lower Upper
 162 100
 164 64.0 44.6 84.6
 98 36.0 15.0 55.0



#30
 1,2,4-Trichlorobenzene
 Concen: 30.40 ng
 RT: 7.99 min Scan# 512
 Delta R.T. -0.01 min
 Lab File: BF082451.D
 Acq: 22 Oct 2015 18:09

Tgt Ion:180 Resp: 188340
 Ion Ratio Lower Upper
 180 100
 182 95.5 77.0 115.4
 145 32.6 25.0 37.4

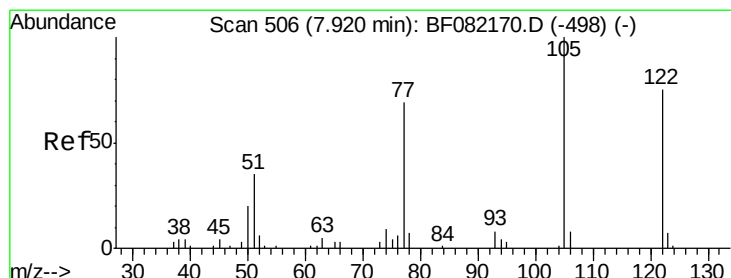
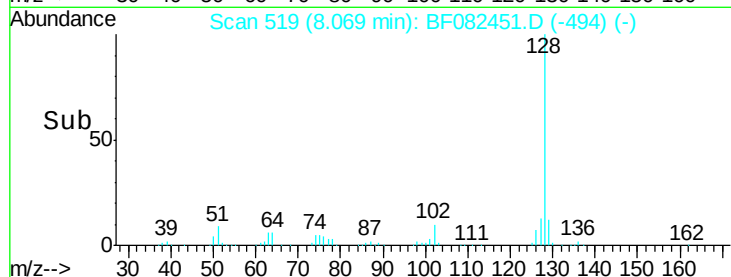
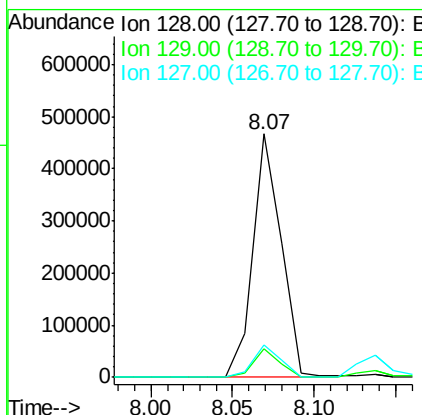
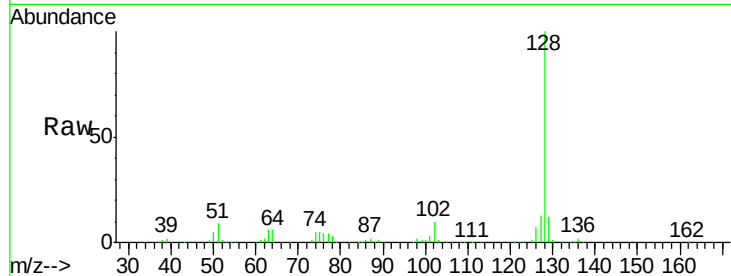




#31
Naphthalene
Concen: 31.41 ng
RT: 8.07 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

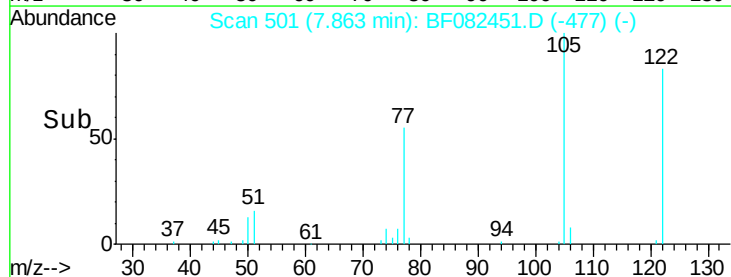
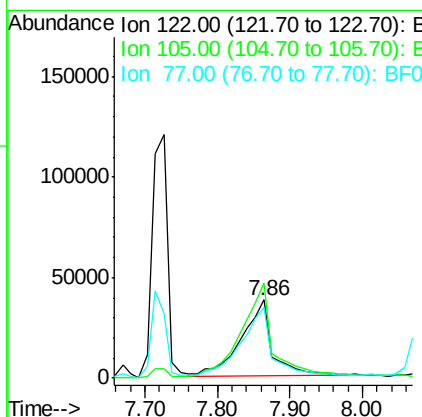
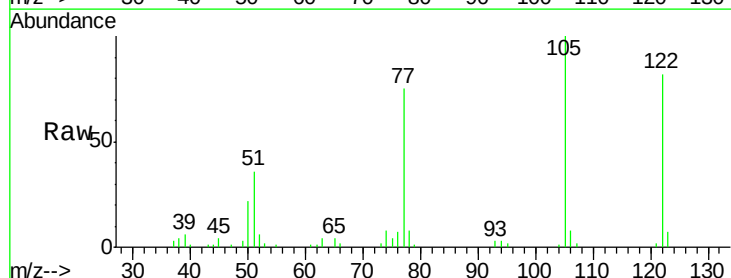
Instrument :
BNA_F
ClientSampleId :
PB86210BS

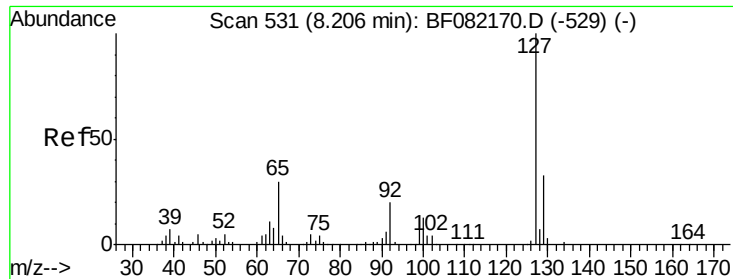
Tgt Ion:128 Resp: 564642
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 31.14 ng
RT: 7.86 min Scan# 501
Delta R.T. -0.02 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:122 Resp: 112383
Ion Ratio Lower Upper
122 100
105 122.3 104.4 144.4
77 91.7 69.0 109.0

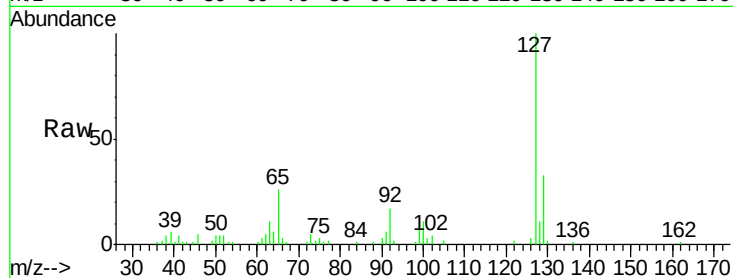




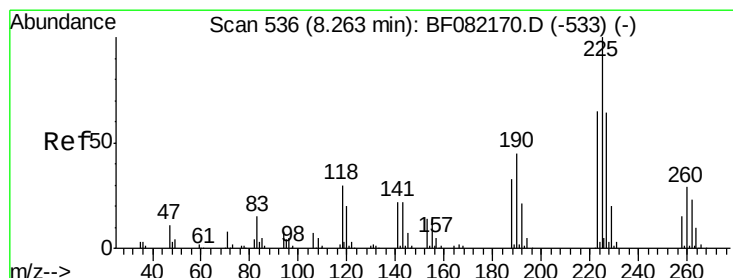
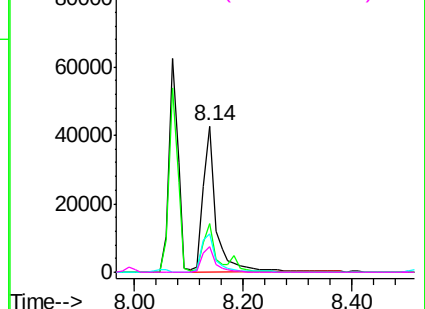
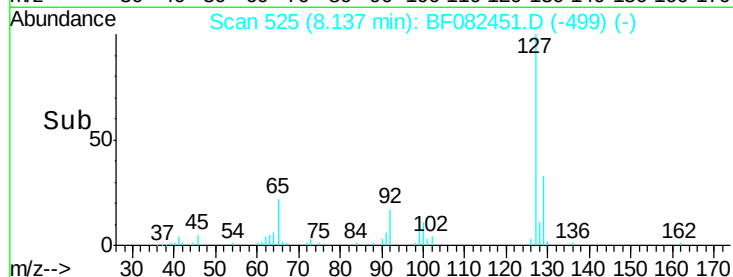
#33
4-Chloroaniline
Concen: 9.30 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Instrument :
BNA_F
ClientSampleId :
PB86210BS

Tgt Ion:	127	Resp:	69456
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.3	39.5
65	26.0	24.4	36.6
92	17.1	15.7	23.5

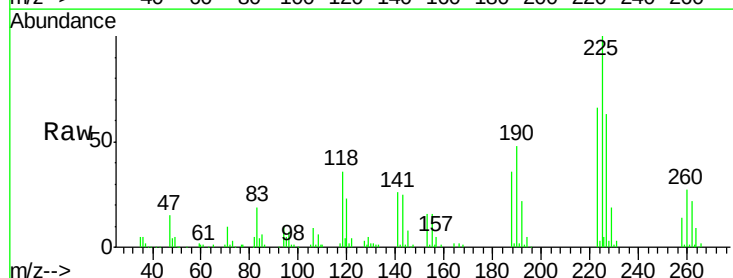


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

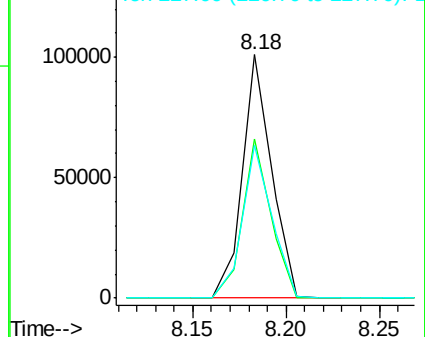
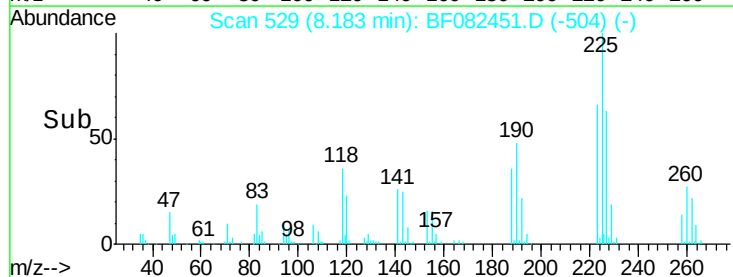


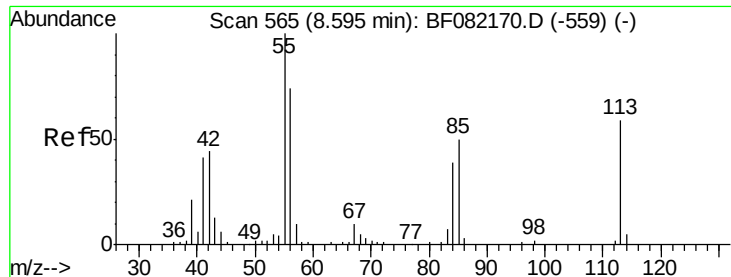
#34
Hexachlorobutadiene
Concen: 28.67 ng
RT: 8.18 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:	225	Resp:	110695
Ion	Ratio	Lower	Upper
225	100		
223	65.6	52.2	78.2
227	62.9	51.3	76.9



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

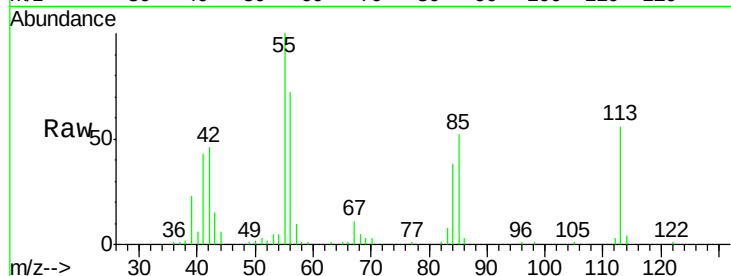




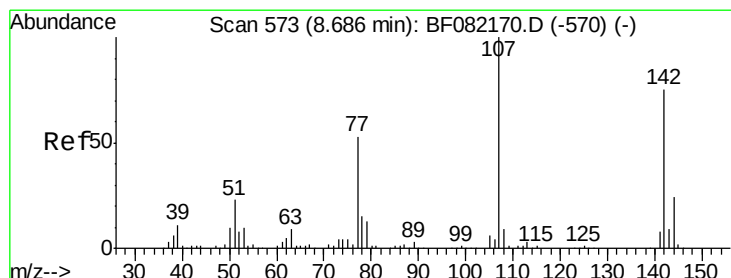
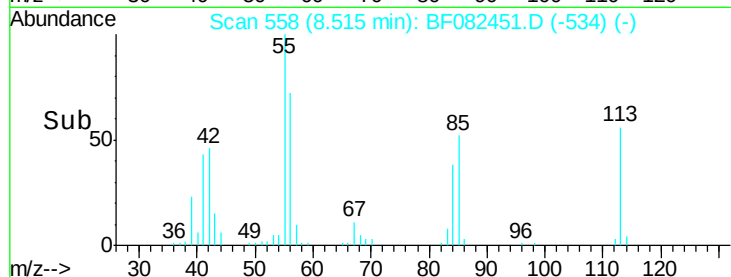
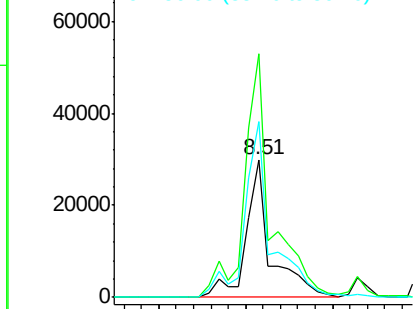
#35
 Caprolactam
 Concen: 37.74 ng
 RT: 8.51 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: BF082451.D
 Acq: 22 Oct 2015 18:09

Instrument :
 BNA_F
 ClientSampleId :
 PB86210BS

Tgt Ion:113 Resp: 58877
 Ion Ratio Lower Upper
 113 100
 55 177.2 149.7 189.7
 56 128.0 105.4 145.4

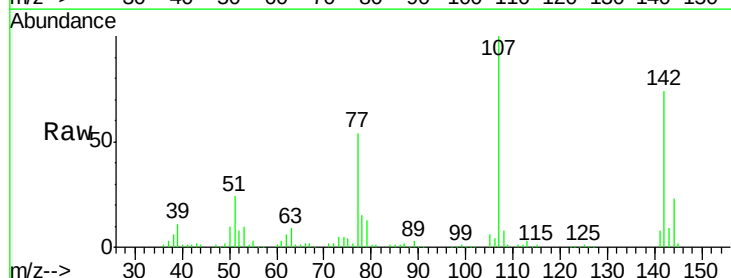


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

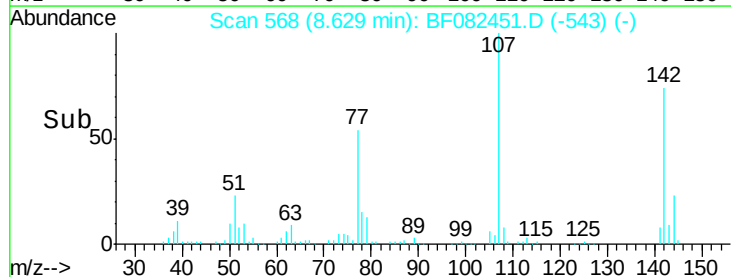
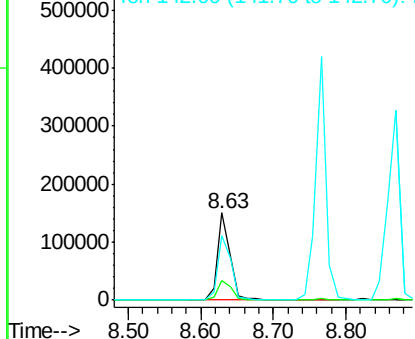


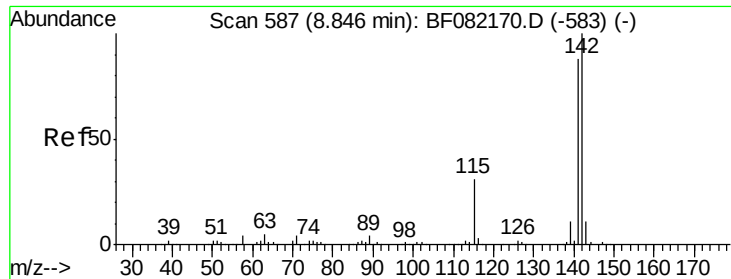
#36
 4-Chloro-3-methylphenol
 Concen: 34.42 ng
 RT: 8.63 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF082451.D
 Acq: 22 Oct 2015 18:09

Tgt Ion:107 Resp: 180899
 Ion Ratio Lower Upper
 107 100
 144 23.2 19.3 28.9
 142 73.8 59.9 89.9



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

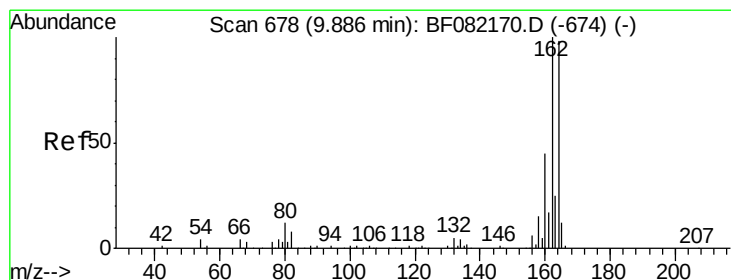
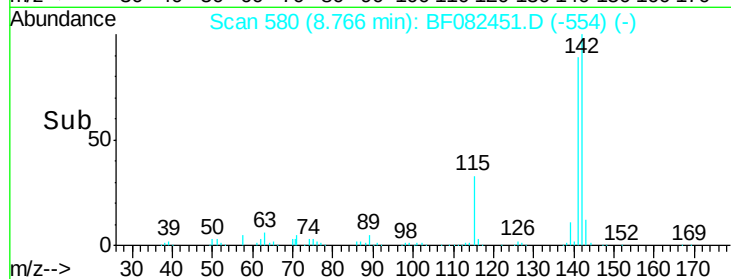
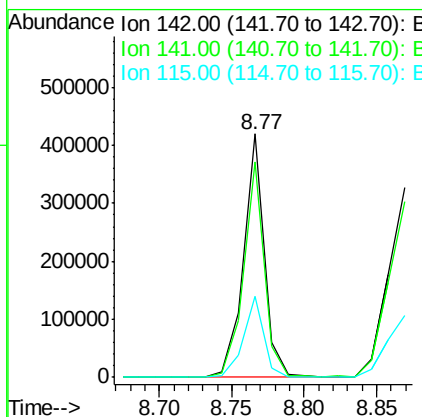
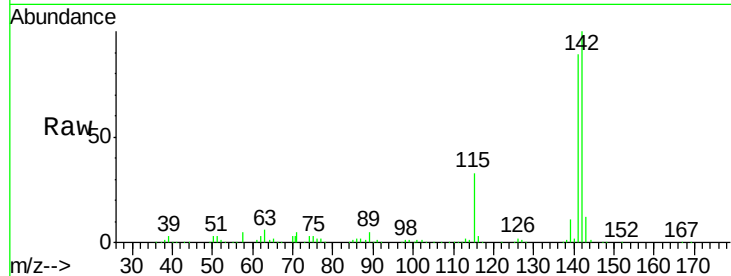




#37
 2-Methylnaphthalene
 Concen: 33.56 ng
 RT: 8.77 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BF082451.D
 Acq: 22 Oct 2015 18:09

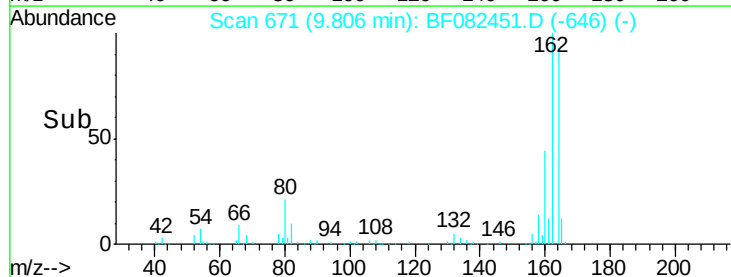
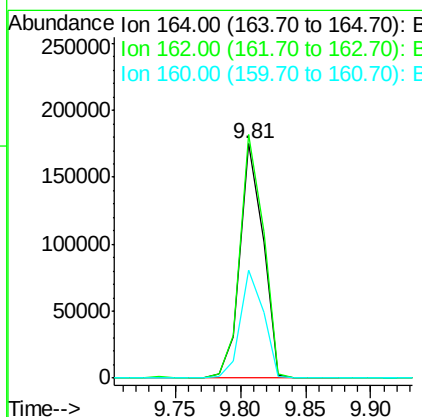
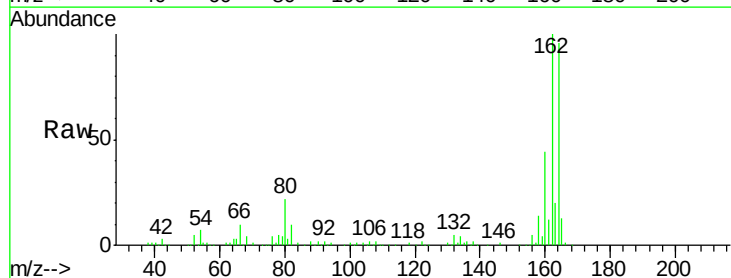
Instrument :
 BNA_F
 ClientSampled :
 PB86210BS

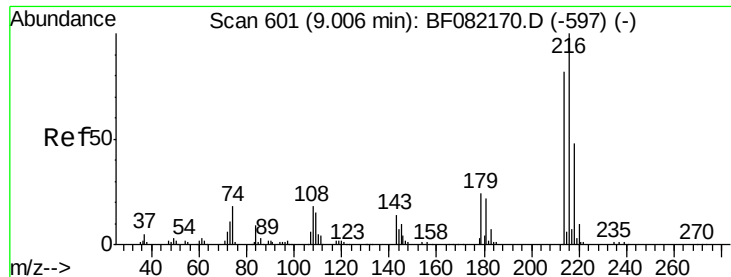
Tgt Ion:142 Resp: 418222
 Ion Ratio Lower Upper
 142 100
 141 88.5 70.4 105.6
 115 33.4 24.6 37.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 671
 Delta R.T. -0.01 min
 Lab File: BF082451.D
 Acq: 22 Oct 2015 18:09

Tgt Ion:164 Resp: 214972
 Ion Ratio Lower Upper
 164 100
 162 103.8 81.6 122.4
 160 45.9 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.18 ng

RT: 8.94 min Scan# 595

Delta R.T. -0.00 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB86210BS

Tgt Ion:216 Resp: 199400

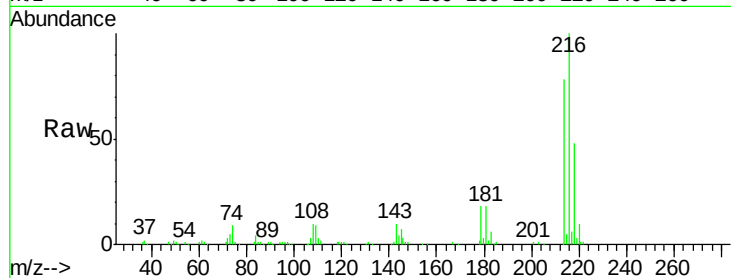
Ion Ratio Lower Upper

216 100

214 78.9 64.6 97.0

179 20.3 17.6 26.4

108 17.1 14.5 21.7

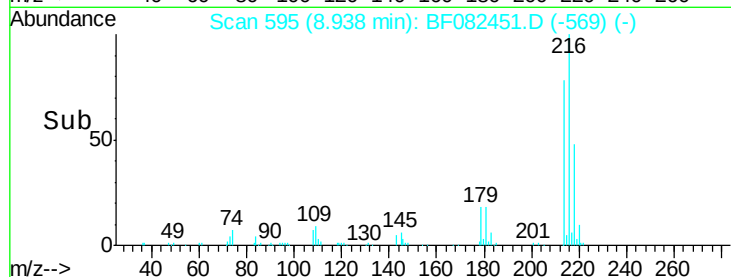


Abundance Ion 216.00 (215.70 to 216.70): E

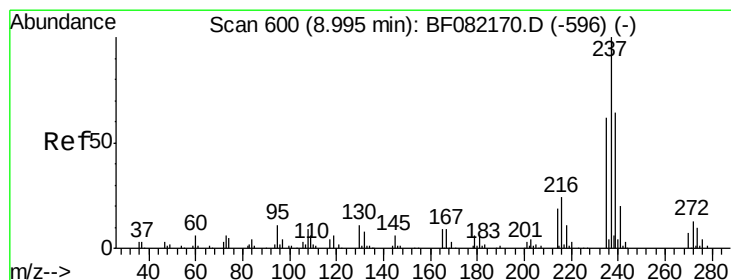
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 39.29 ng

RT: 8.91 min Scan# 593

Delta R.T. -0.00 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

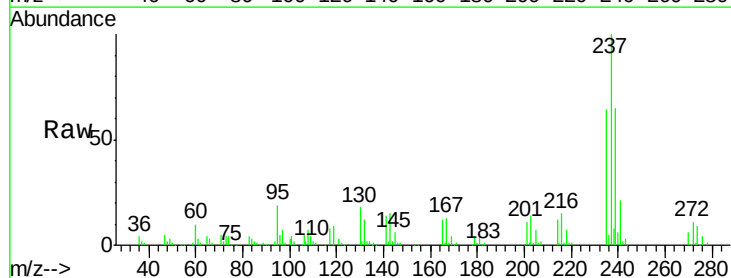
Tgt Ion:237 Resp: 111872

Ion Ratio Lower Upper

237 100

235 63.9 41.7 81.7

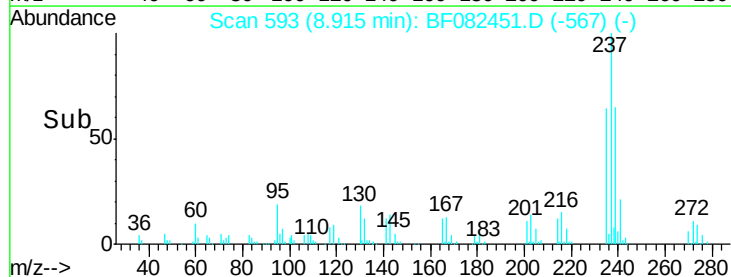
272 11.3 0.0 32.8



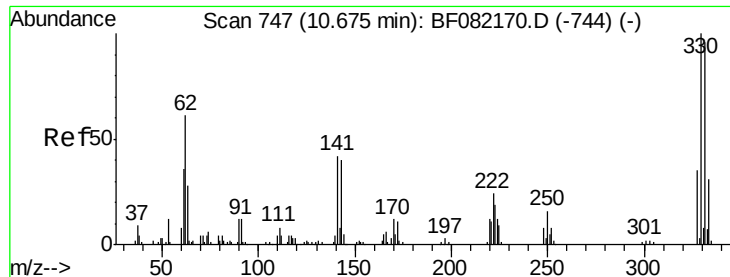
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



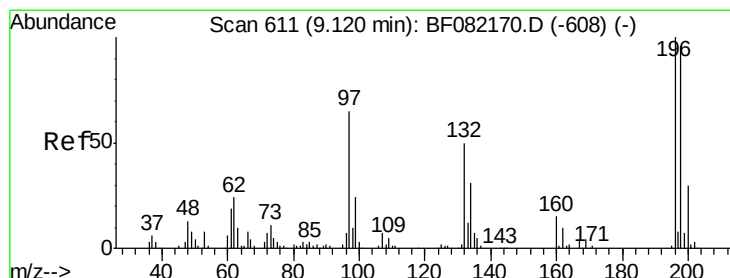
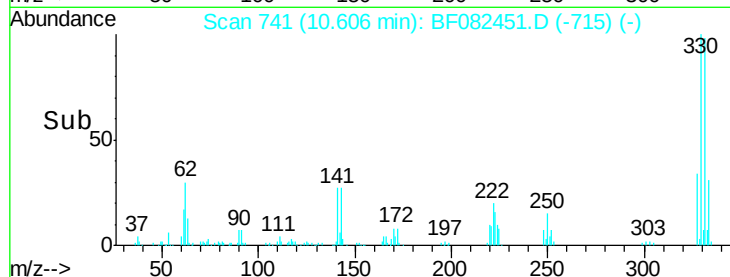
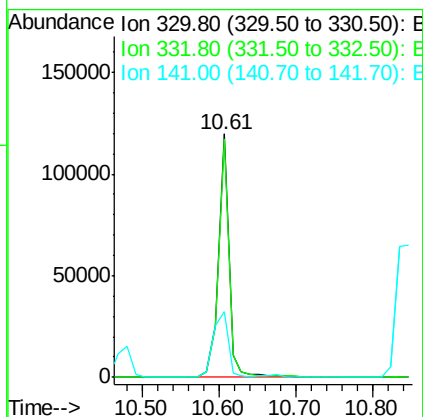
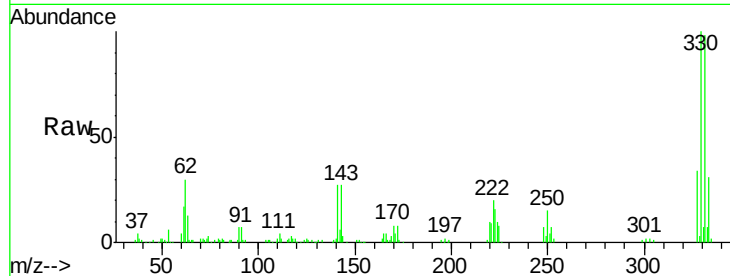
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 57.46 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF082451.D
 Acq: 22 Oct 2015 18:09

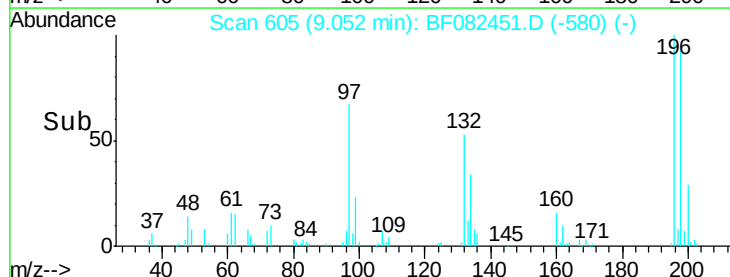
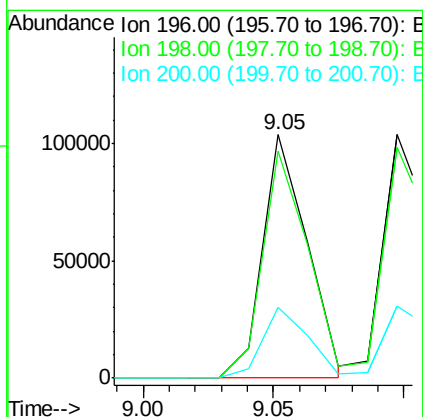
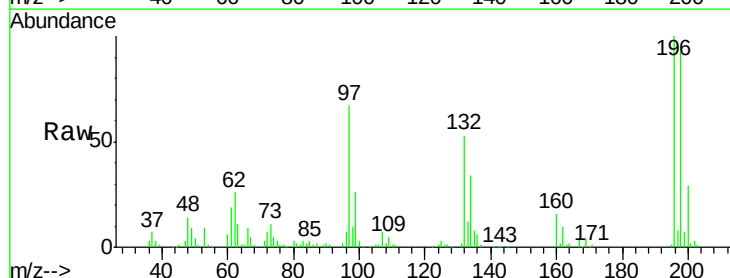
Instrument :
 BNA_F
 ClientSampled :
 PB86210BS

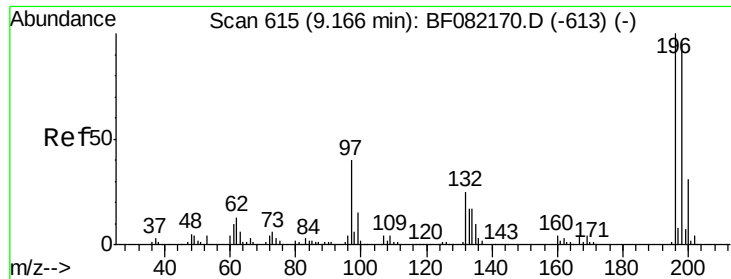
Tgt Ion:330 Resp: 115840
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.1 115.7
 141 38.1 29.8 44.8



#42
 2,4,6-Trichlorophenol
 Concen: 28.91 ng
 RT: 9.05 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF082451.D
 Acq: 22 Oct 2015 18:09

Tgt Ion:196 Resp: 122777
 Ion Ratio Lower Upper
 196 100
 198 93.5 76.6 115.0
 200 29.2 23.7 35.5

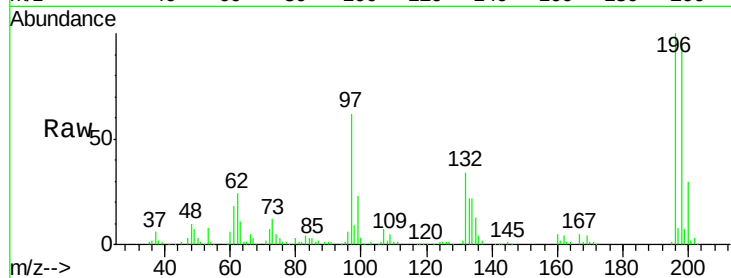




#43
 2,4,5-Trichlorophenol
 Concen: 30.52 ng
 RT: 9.10 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF082451.D
 Acq: 22 Oct 2015 18:09

Instrument :
 BNA_F
 ClientSampleId :
 PB86210BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.0	115.4
97	61.7	31.9	47.9#
132	34.2	20.3	30.5#



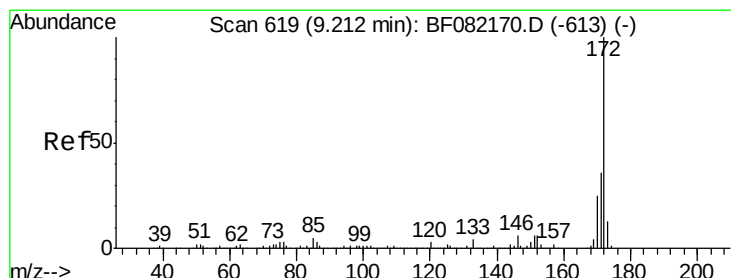
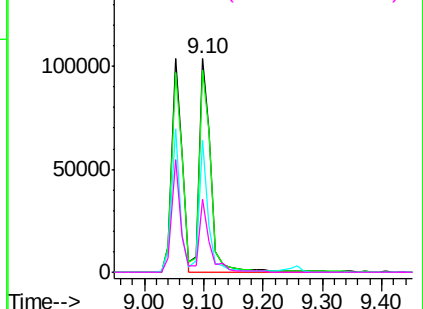
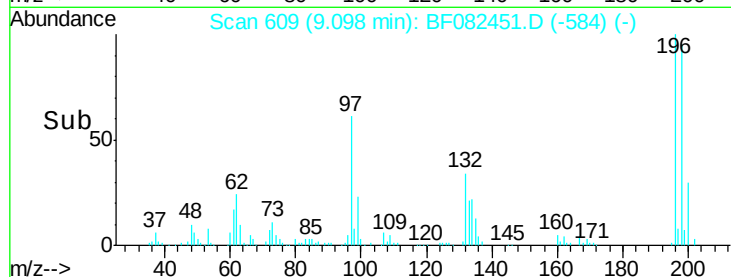
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

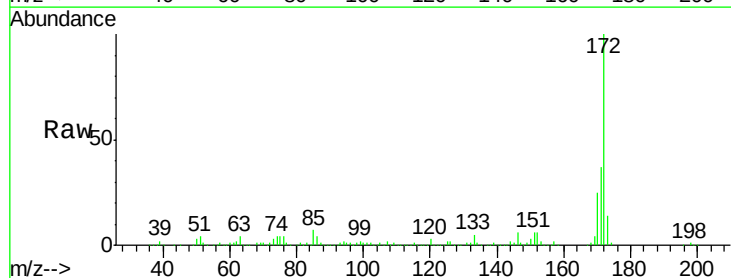
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 63.34 ng
 RT: 9.13 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF082451.D
 Acq: 22 Oct 2015 18:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	42.8
170	24.6	19.7	29.5

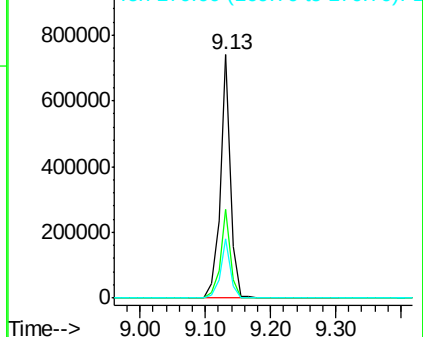
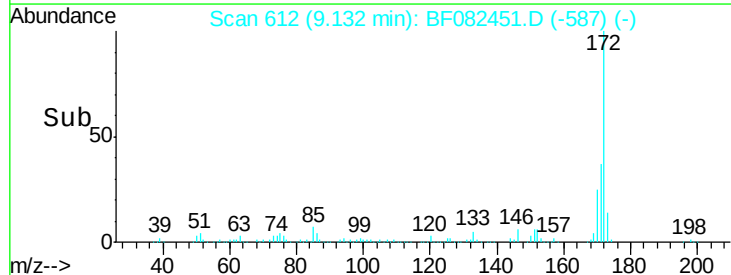


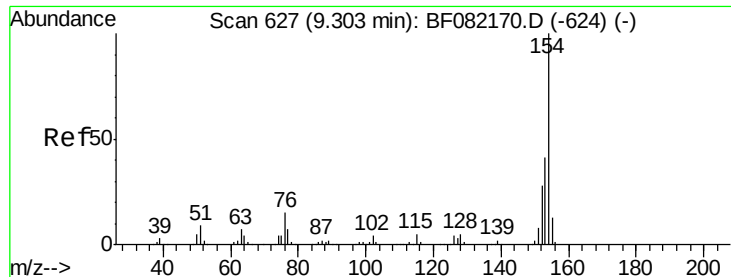
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

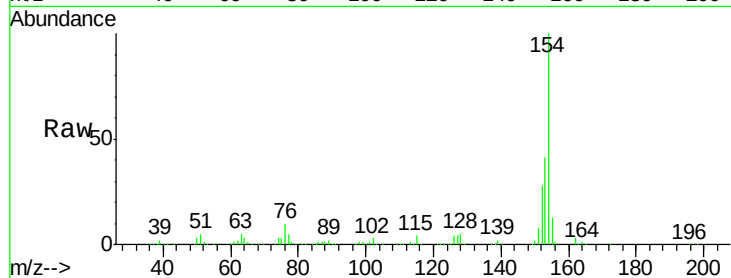




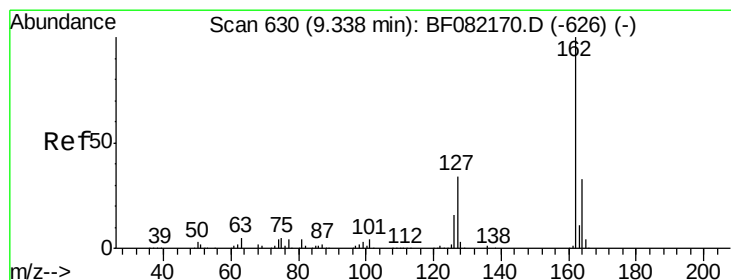
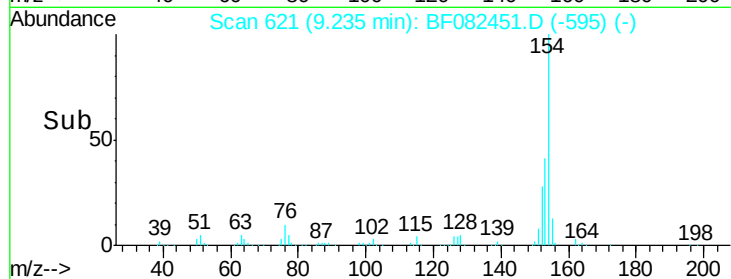
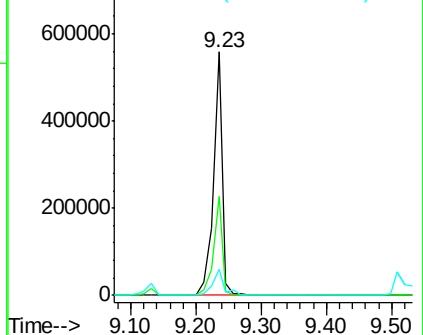
#45
 1,1'-Biphenyl
 Concen: 32.85 ng
 RT: 9.23 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF082451.D
 Acq: 22 Oct 2015 18:09

Instrument :
 BNA_F
 ClientSampleId :
 PB86210BS

Tgt Ion:154 Resp: 538471
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.6 60.6
 76 10.4 0.0 35.2

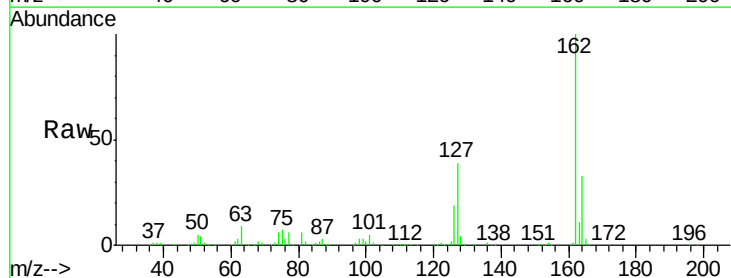


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

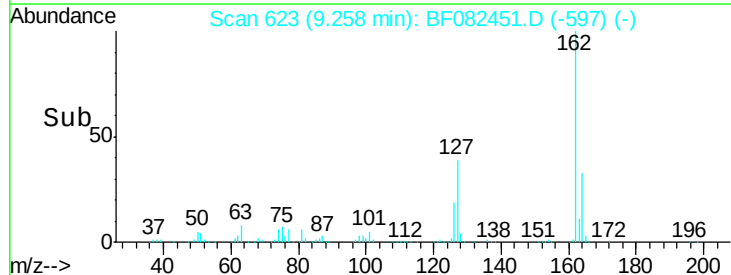
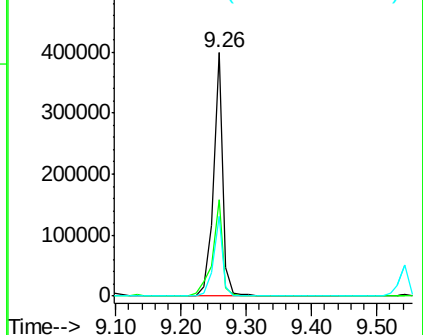


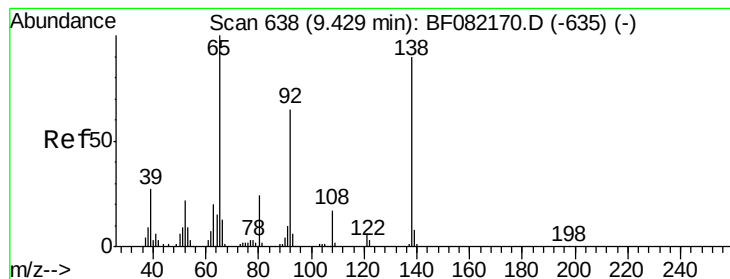
#46
 2-Chloronaphthalene
 Concen: 31.59 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF082451.D
 Acq: 22 Oct 2015 18:09

Tgt Ion:162 Resp: 407594
 Ion Ratio Lower Upper
 162 100
 127 39.3 27.5 41.3
 164 32.8 26.6 39.8



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





#47

2-Nitroaniline

Concen: 32.41 ng

RT: 9.36 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB86210BS

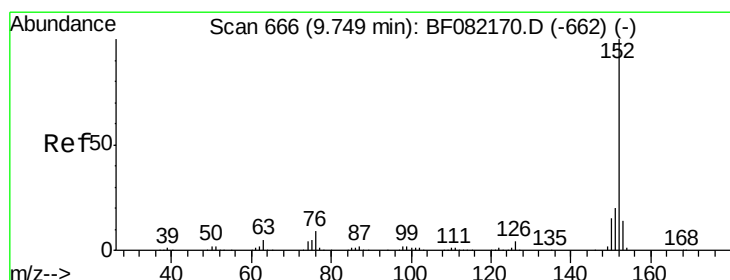
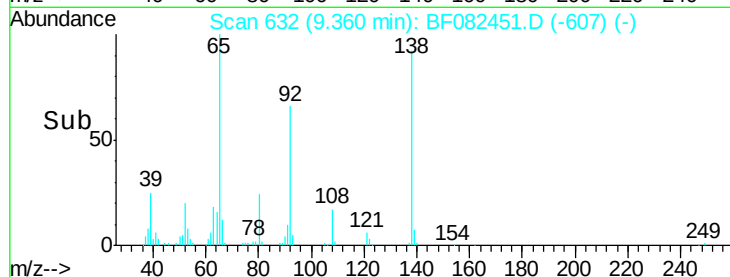
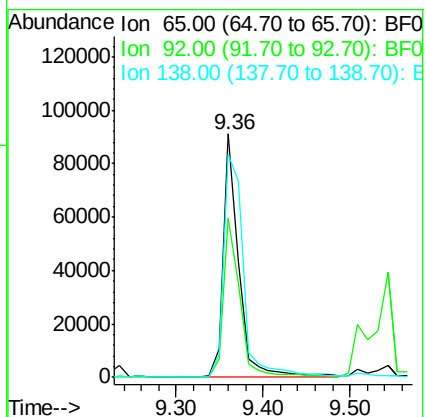
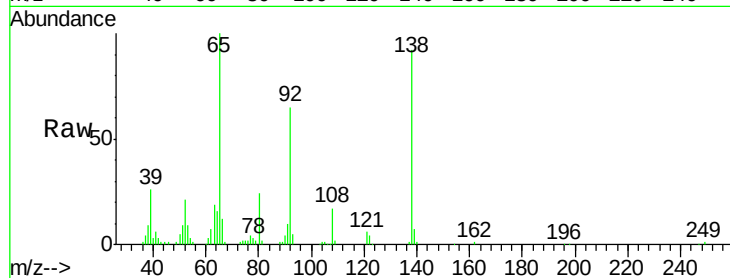
Tgt Ion: 65 Resp: 114808

Ion Ratio Lower Upper

65 100

92 65.3 52.3 78.5

138 91.9 72.2 108.4



#48

Acenaphthylene

Concen: 30.73 ng

RT: 9.67 min Scan# 659

Delta R.T. -0.01 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

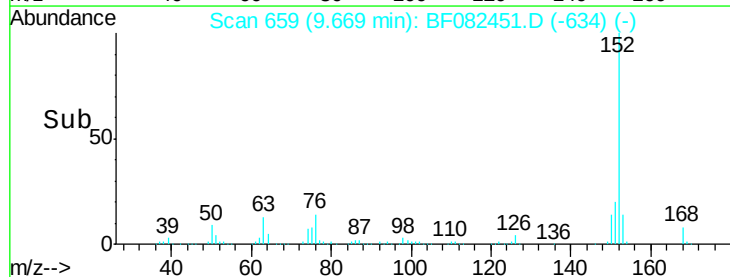
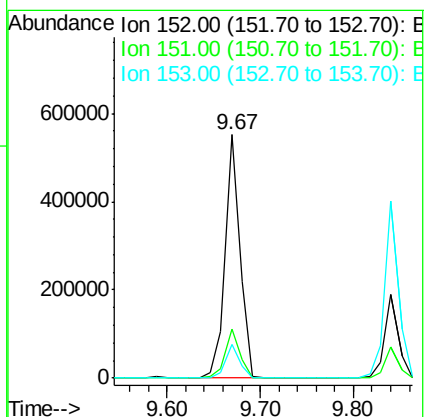
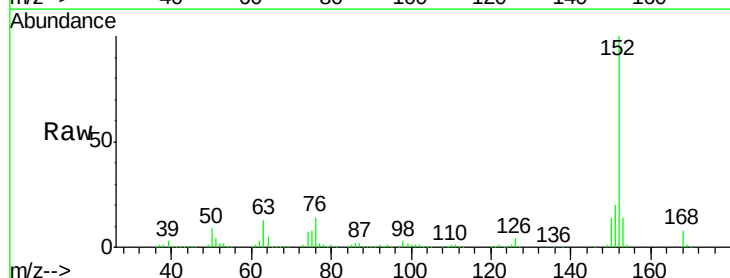
Tgt Ion: 152 Resp: 617683

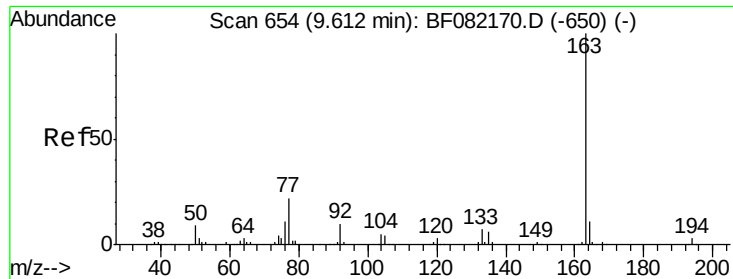
Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

153 13.8 10.8 16.2

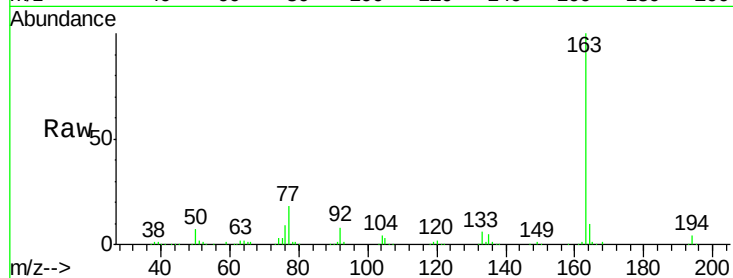




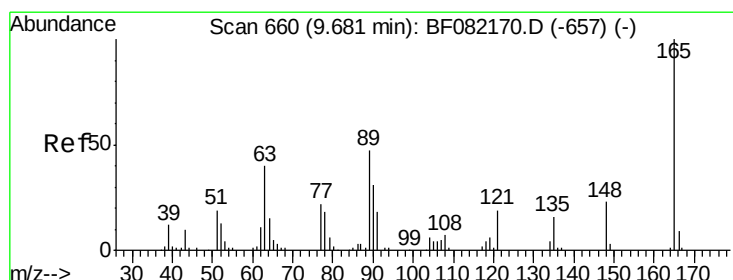
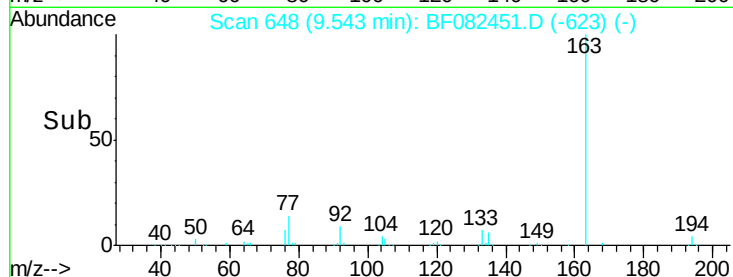
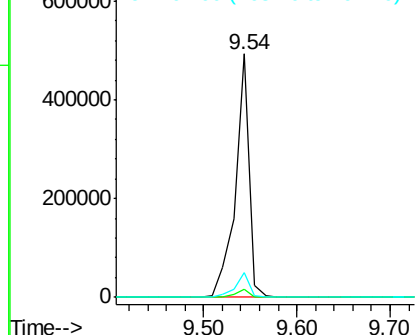
#49
Dimethylphthalate
Concen: 33.74 ng
RT: 9.54 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Instrument :
BNA_F
ClientSampleId :
PB86210BS

Tgt Ion:163 Resp: 510698
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.3 8.5 12.7

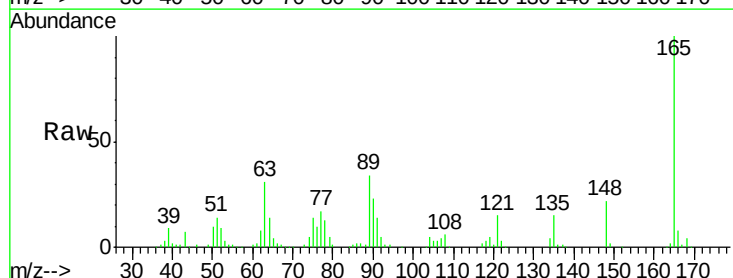


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

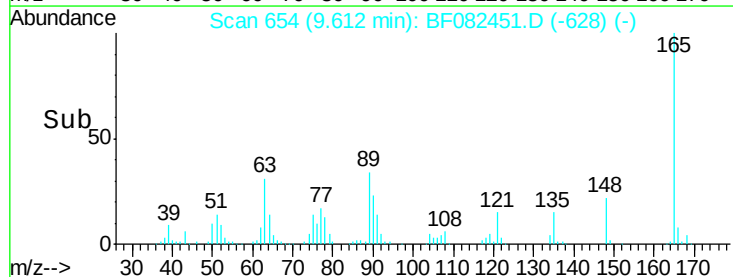
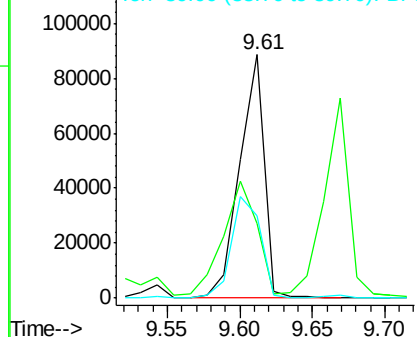


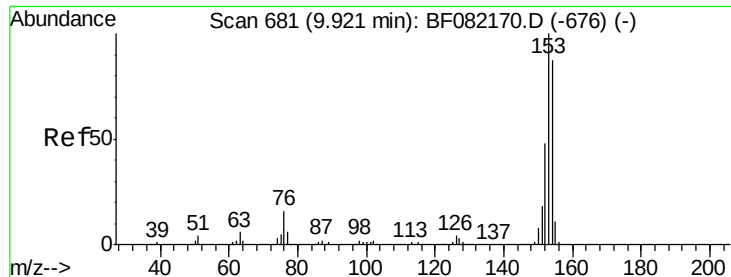
#50
2,6-Dinitrotoluene
Concen: 32.79 ng
RT: 9.61 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:165 Resp: 104750
Ion Ratio Lower Upper
165 100
63 30.7 36.7 55.1#
89 33.7 37.8 56.6#



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





#51

Acenaphthene

Concen: 30.08 ng

RT: 9.84 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB86210BS

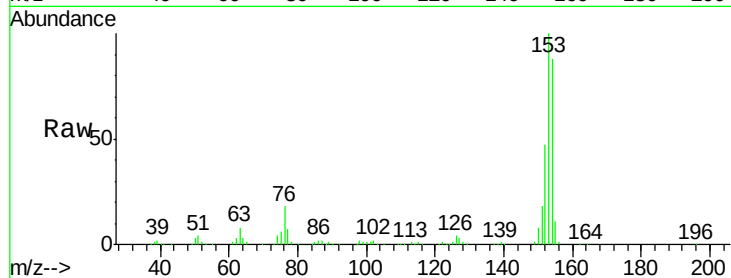
Tgt Ion:154 Resp: 363001

Ion Ratio Lower Upper

154 100

153 113.8 91.4 137.2

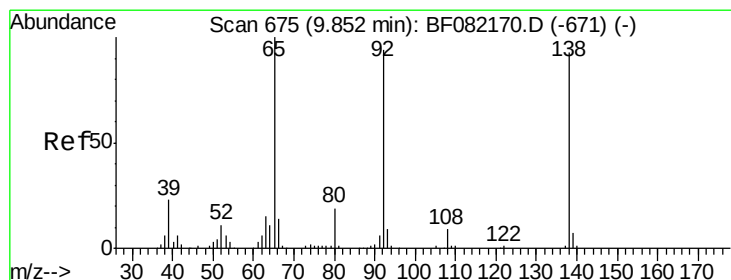
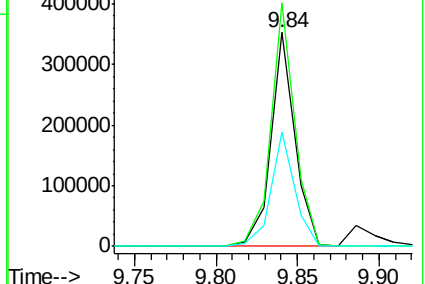
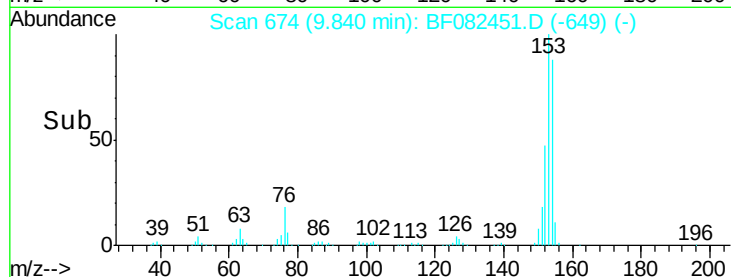
152 53.6 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 13.43 ng

RT: 9.77 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

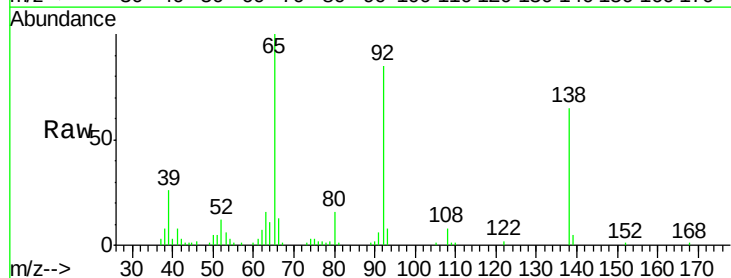
Tgt Ion:138 Resp: 48454

Ion Ratio Lower Upper

138 100

108 12.1 7.4 11.0#

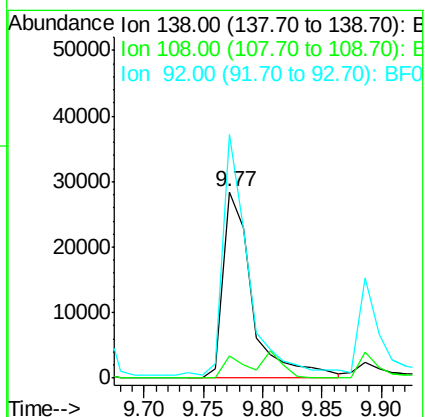
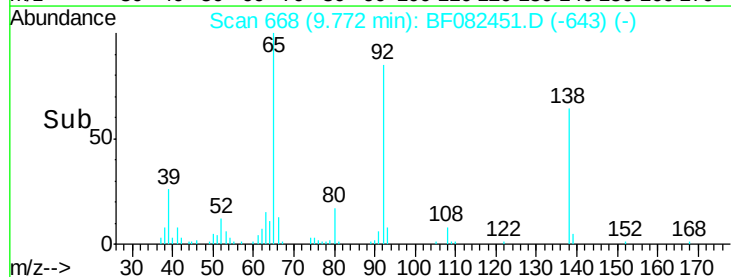
92 130.5 81.3 121.9#

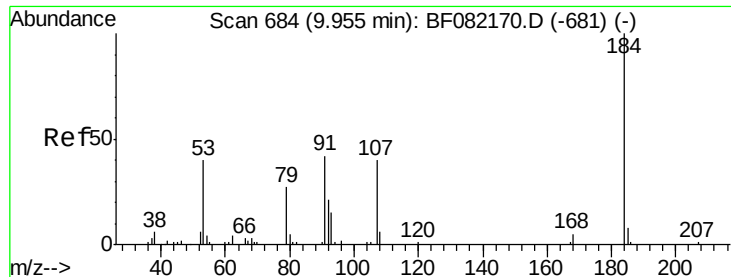


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

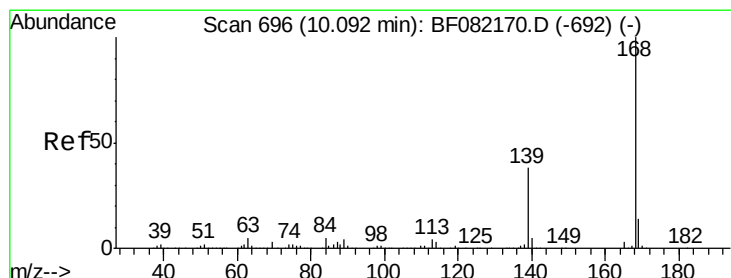
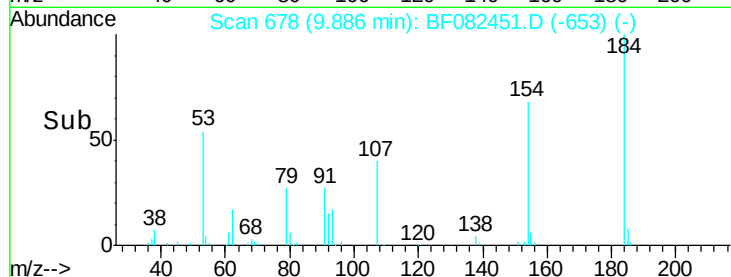
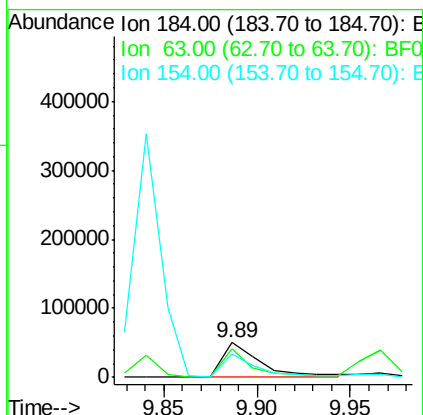
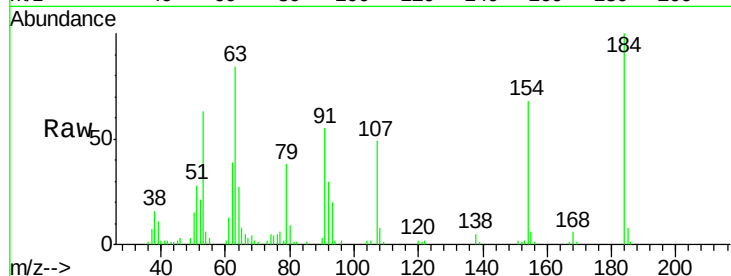




#53
 2,4-Dinitrophenol
 Concen: 43.13 ng
 RT: 9.89 min Scan# 678
 Delta R.T. -0.01 min
 Lab File: BF082451.D
 Acq: 22 Oct 2015 18:09

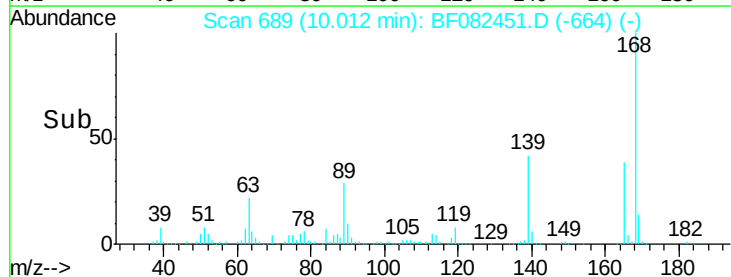
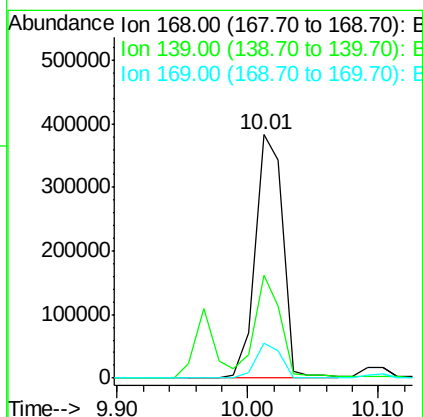
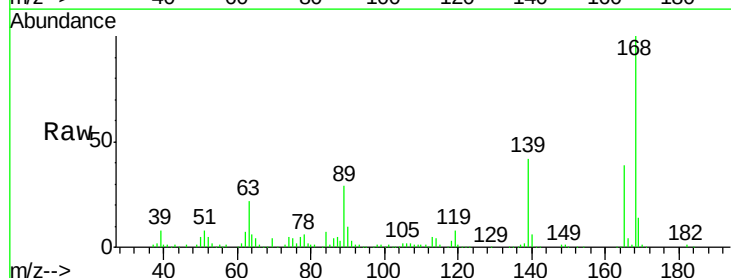
Instrument :
 BNA_F
 ClientSampleId :
 PB86210BS

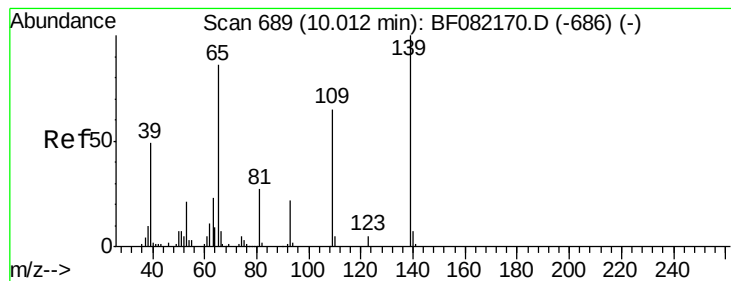
Tgt Ion:184 Resp: 71264
 Ion Ratio Lower Upper
 184 100
 63 83.6 45.1 67.7#
 154 68.5 51.2 76.8



#54
 Dibenzofuran
 Concen: 34.03 ng
 RT: 10.01 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: BF082451.D
 Acq: 22 Oct 2015 18:09

Tgt Ion:168 Resp: 563831
 Ion Ratio Lower Upper
 168 100
 139 42.0 31.0 46.6
 169 14.1 10.9 16.3





#55

4-Nitrophenol

Concen: 54.04 ng

RT: 9.97 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB86210BS

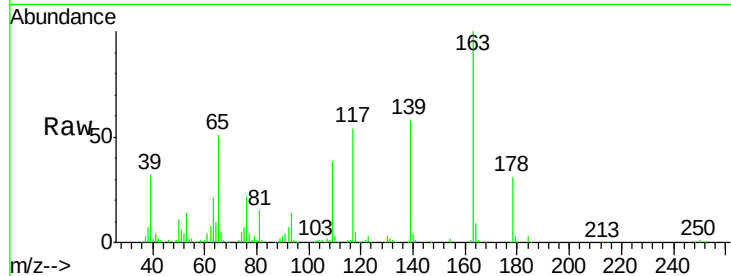
Tgt Ion:139 Resp: 117283

Ion Ratio Lower Upper

139 100

109 65.5 44.8 84.8

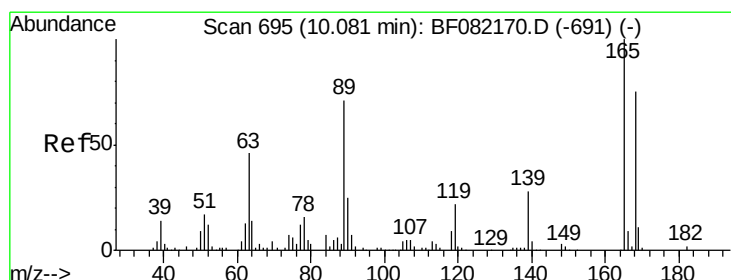
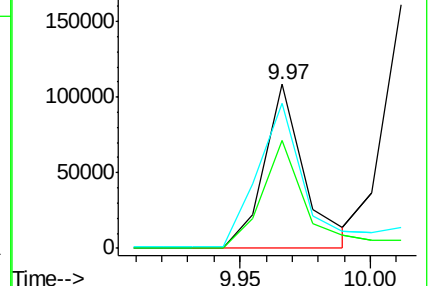
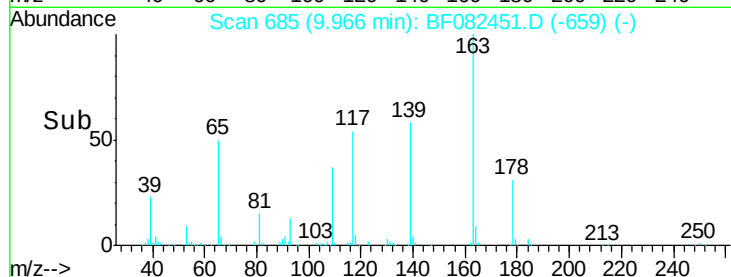
65 88.8 67.7 107.7



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: 36.25 ng

RT: 10.01 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

Tgt Ion:165 Resp: 144735

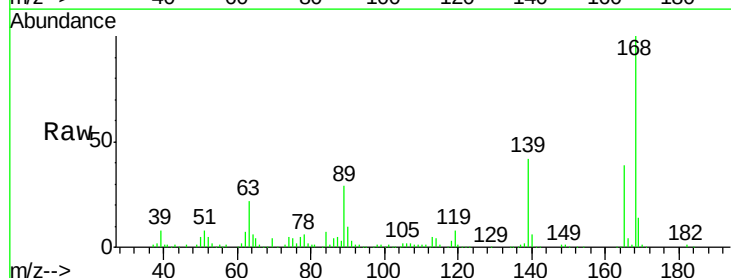
Ion Ratio Lower Upper

165 100

63 55.9 38.6 58.0

89 73.8 57.0 85.6

182 2.3 1.8 2.6

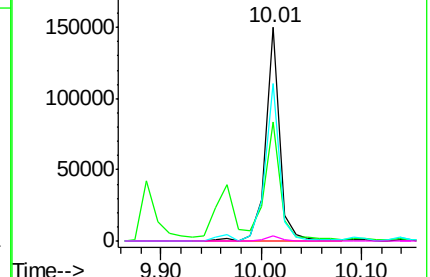
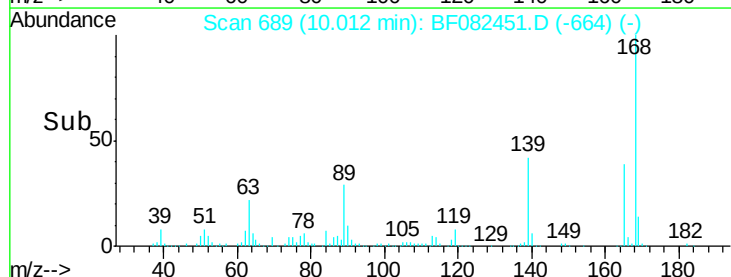


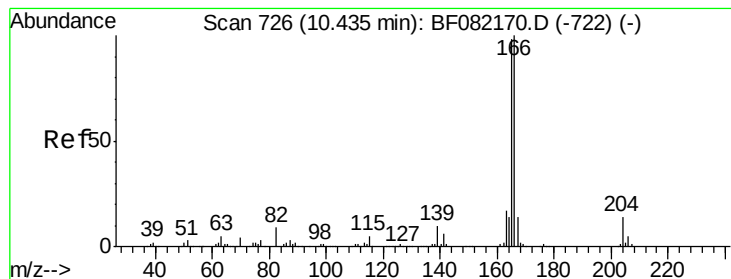
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 32.49 ng

RT: 10.35 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB86210BS

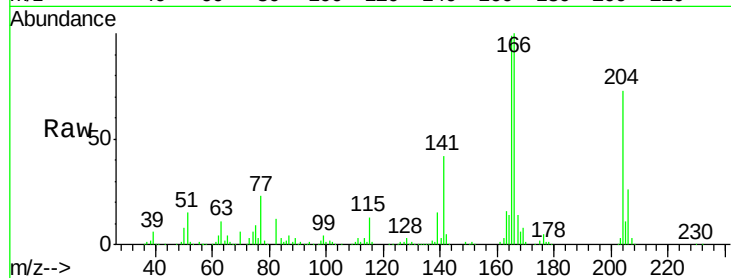
Tgt Ion:166 Resp: 442137

Ion Ratio Lower Upper

166 100

165 99.4 78.3 117.5

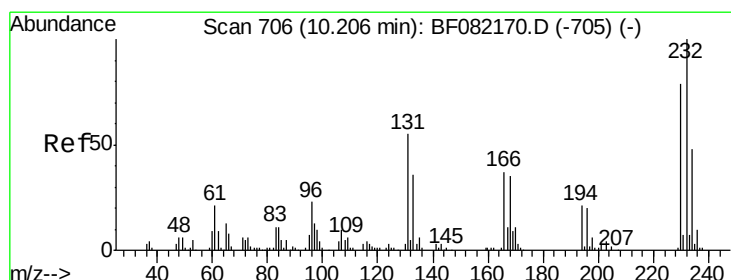
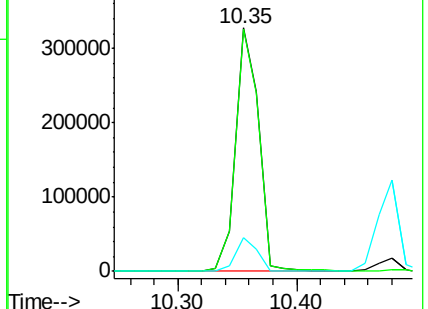
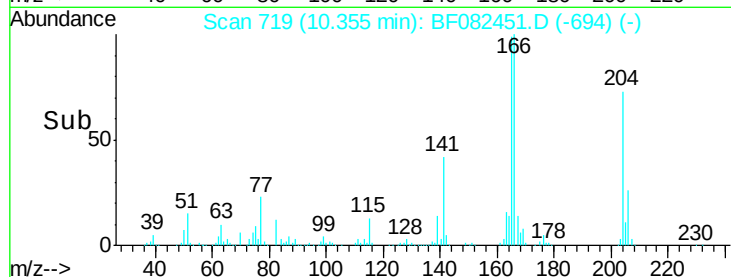
167 14.1 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 29.73 ng

RT: 10.14 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

Tgt Ion:232 Resp: 111735

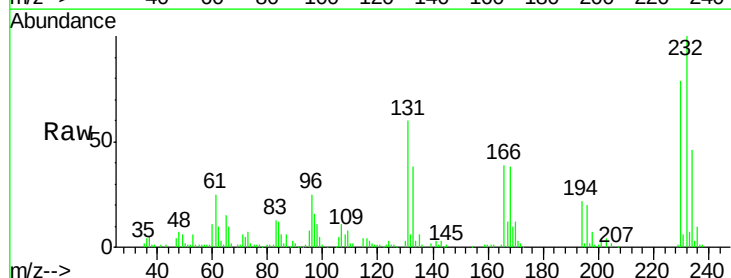
Ion Ratio Lower Upper

232 100

131 47.5 36.6 54.8

130 2.0 1.5 2.3

166 30.6 24.6 37.0

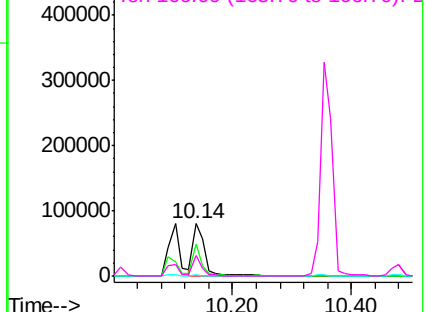
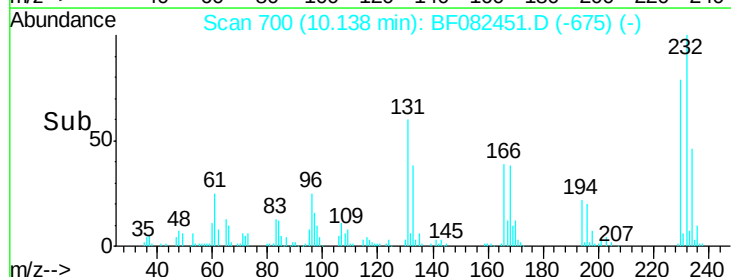


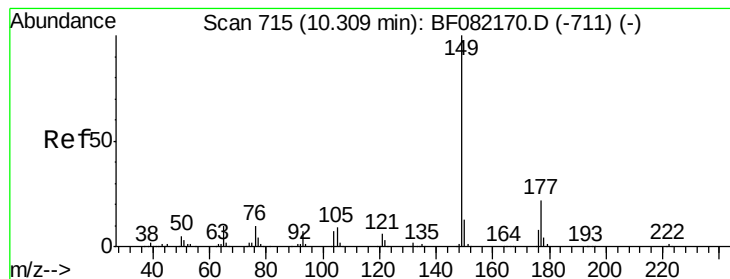
Abundance Ion 232.00 (231.70 to 232.70): E

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: 35.94 ng

RT: 10.24 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB86210BS

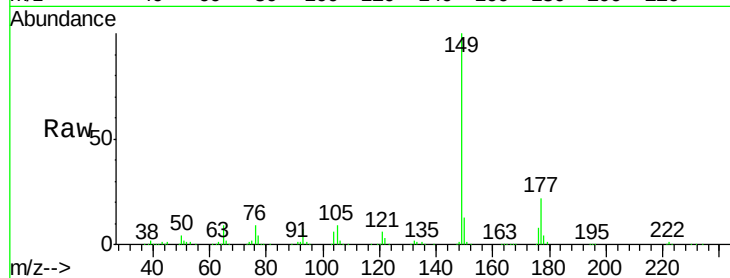
Tgt Ion:149 Resp: 507060

Ion Ratio Lower Upper

149 100

177 22.1 17.6 26.4

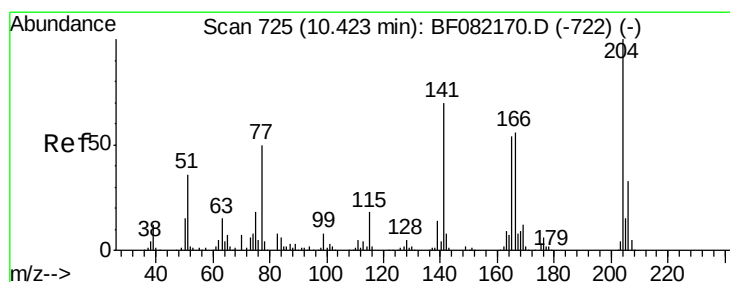
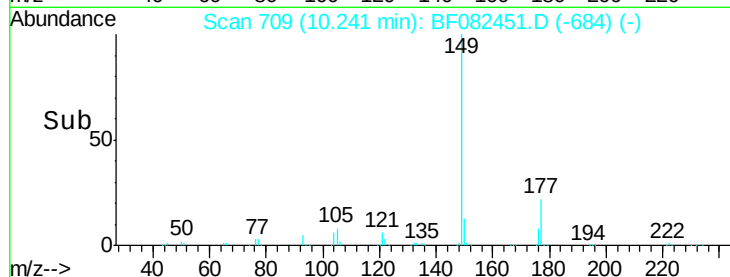
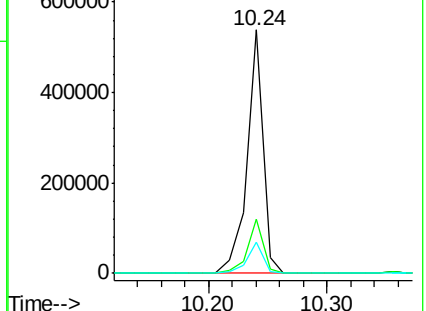
150 12.8 10.3 15.5



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: 35.92 ng

RT: 10.35 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

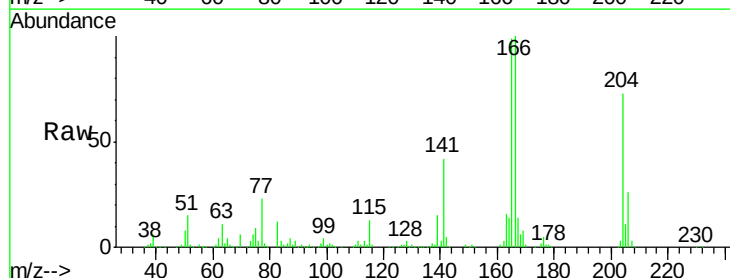
Tgt Ion:204 Resp: 223892

Ion Ratio Lower Upper

204 100

206 34.9 26.8 40.2

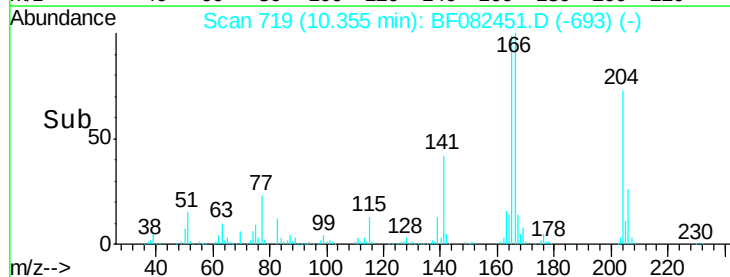
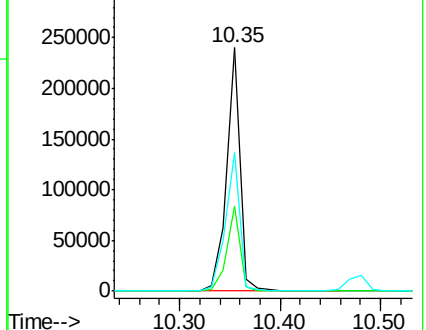
141 56.8 56.1 84.1

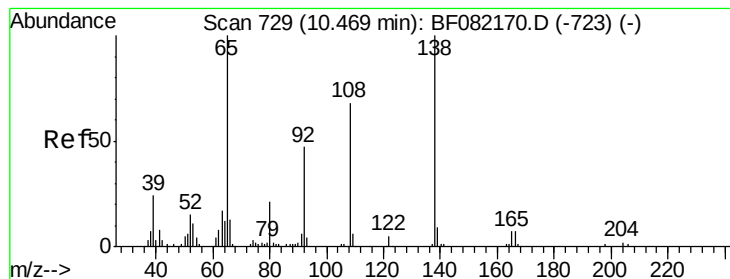


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 31.36 ng

RT: 10.40 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB86210BS

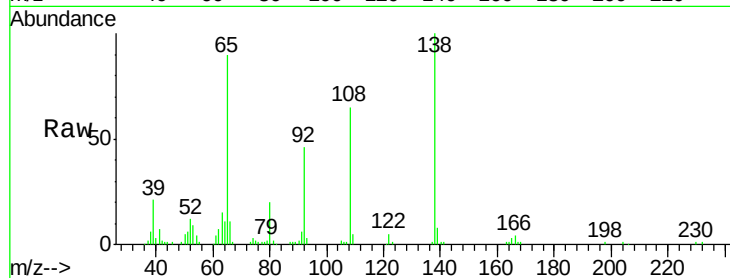
Tgt Ion:138 Resp: 109735

Ion Ratio Lower Upper

138 100

92 46.0 26.8 66.8

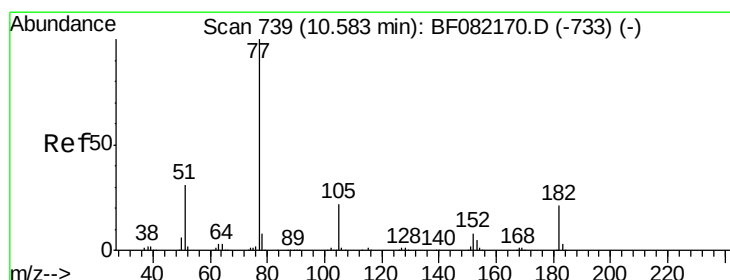
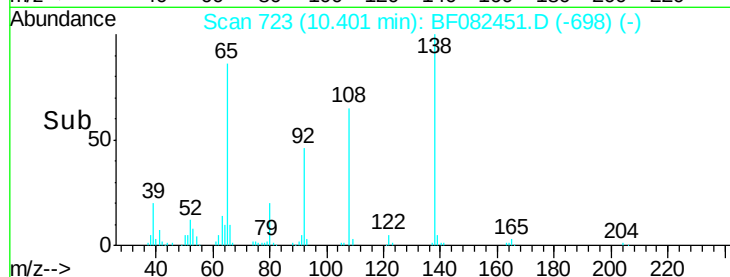
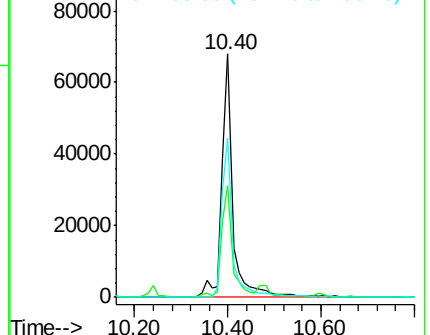
108 65.2 48.4 88.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 34.80 ng

RT: 10.51 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

Tgt Ion: 77 Resp: 480639

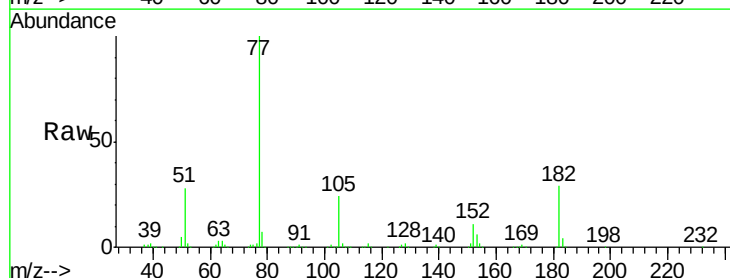
Ion Ratio Lower Upper

77 100

182 29.2 0.5 40.5

105 24.0 1.8 41.8

51 28.0 11.2 51.2

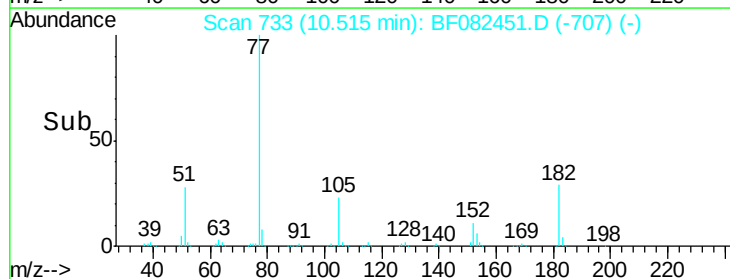
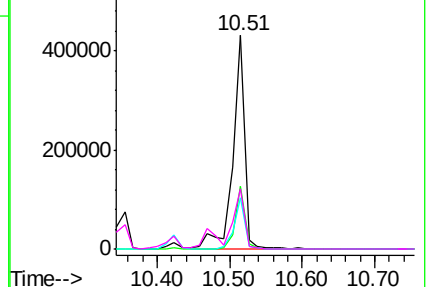


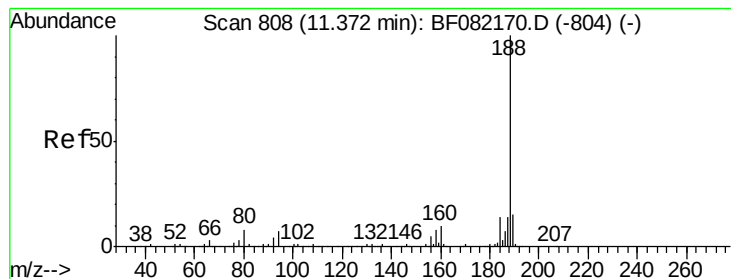
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB86210BS

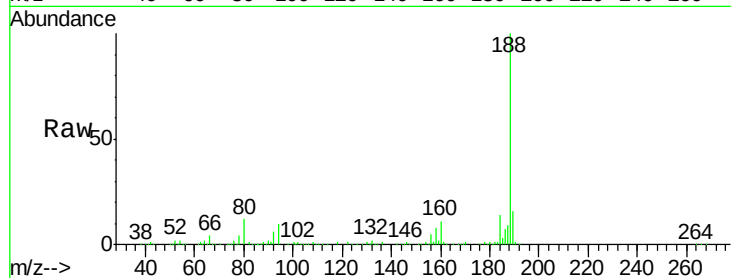
Tgt Ion:188 Resp: 421026

Ion Ratio Lower Upper

188 100

94 10.3 5.8 8.6#

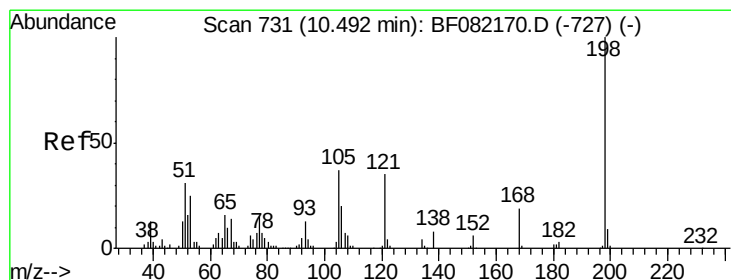
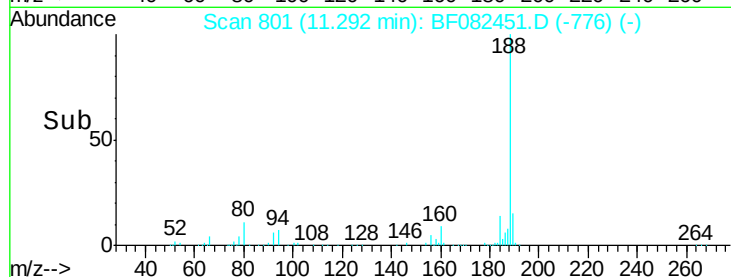
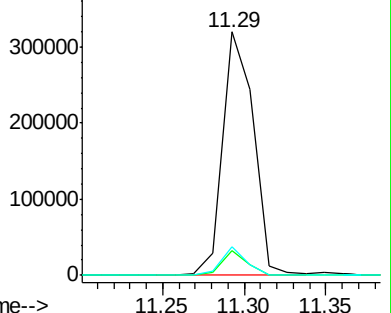
80 11.8 6.4 9.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 30.62 ng

RT: 10.42 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

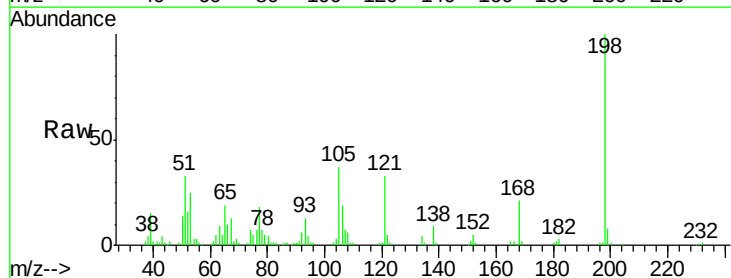
Tgt Ion:198 Resp: 72347

Ion Ratio Lower Upper

198 100

51 33.0 13.6 53.6

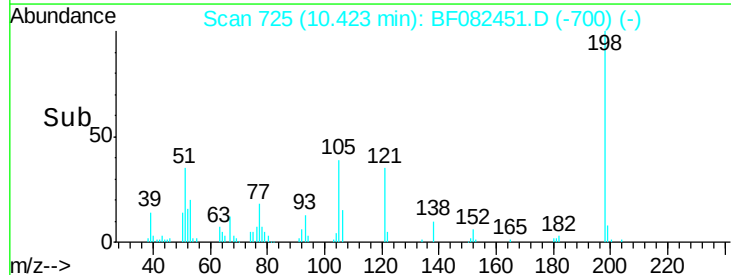
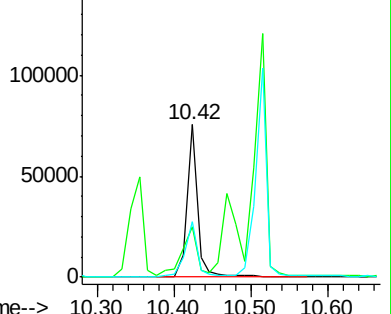
105 36.9 17.1 57.1

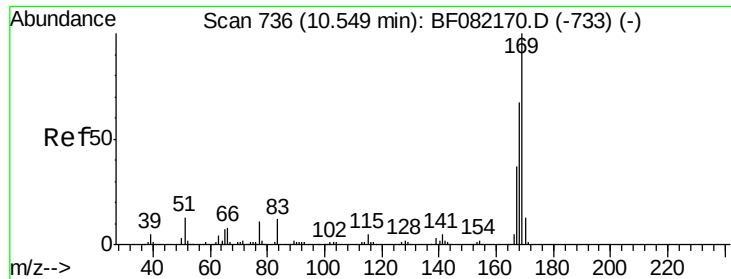


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 32.53 ng

RT: 10.48 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB86210BS

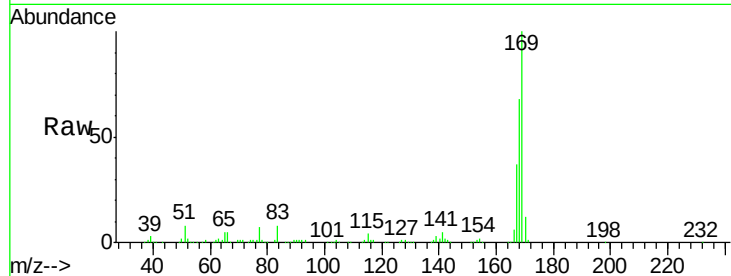
Tgt Ion:169 Resp: 410034

Ion Ratio Lower Upper

169 100

168 67.9 54.0 81.0

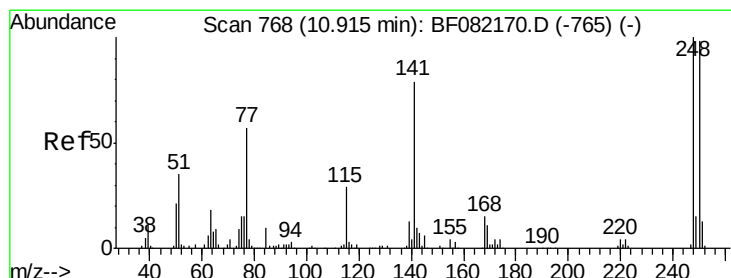
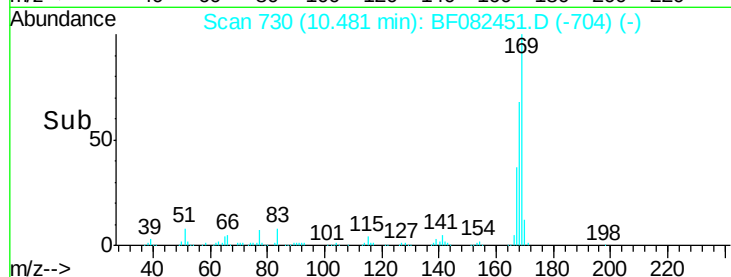
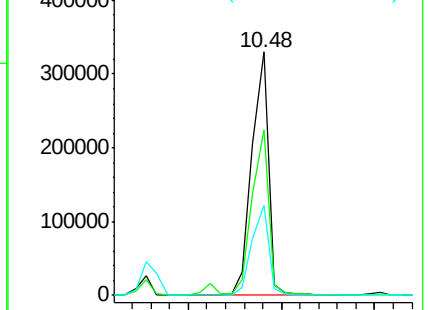
167 37.1 29.6 44.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 31.70 ng

RT: 10.85 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

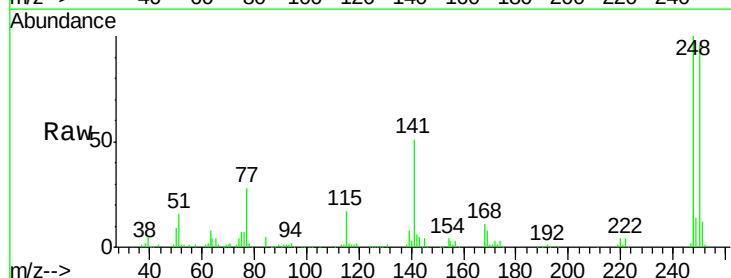
Tgt Ion:248 Resp: 133587

Ion Ratio Lower Upper

248 100

250 96.0 78.6 117.8

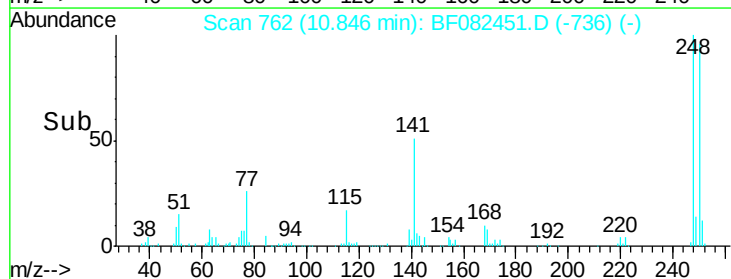
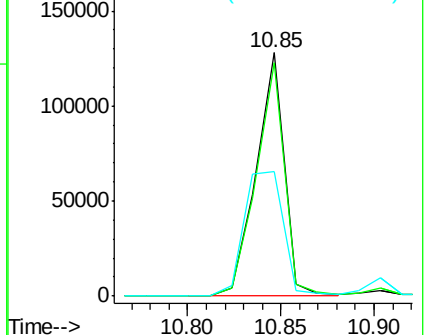
141 51.0 63.3 94.9#

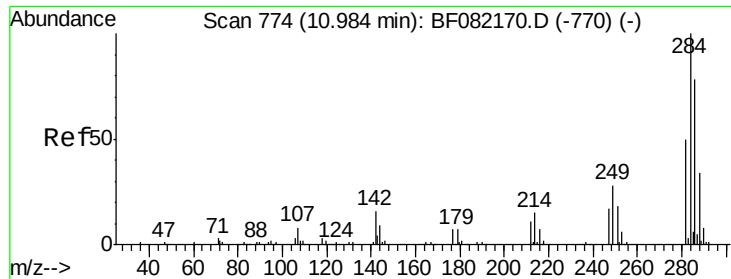


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

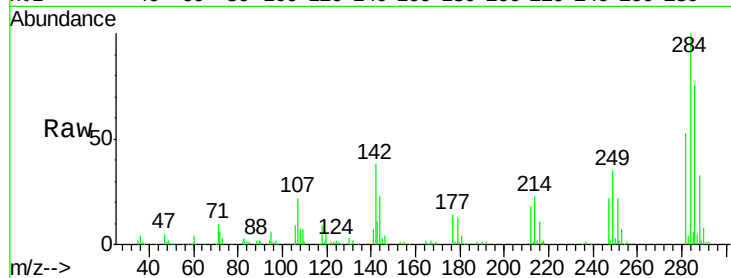




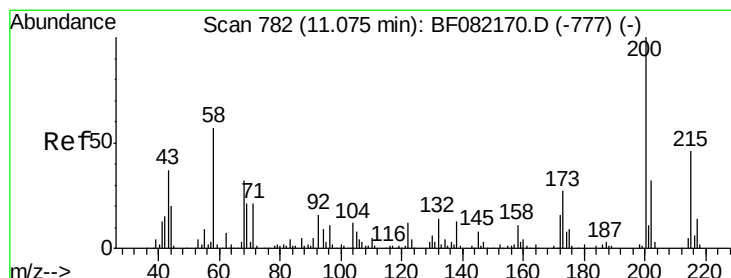
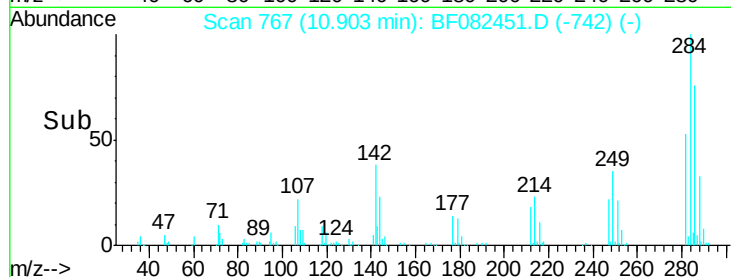
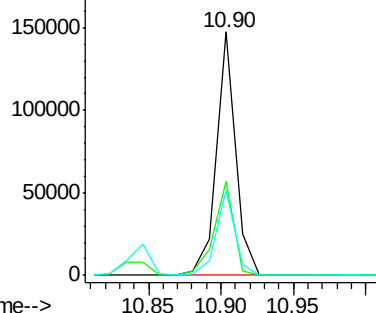
#67
Hexachlorobenzene
Concen: 29.83 ng
RT: 10.90 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Instrument :
BNA_F
ClientSampleId :
PB86210BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.4	13.0	19.6#
249	35.1	22.5	33.7#

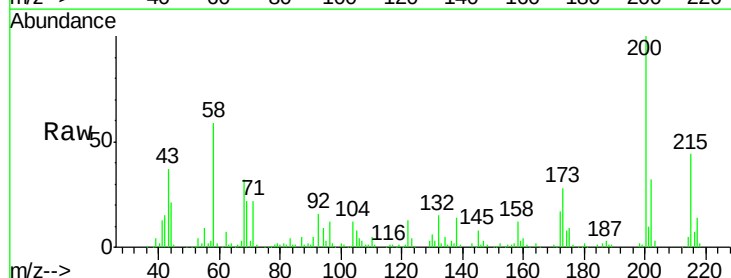


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

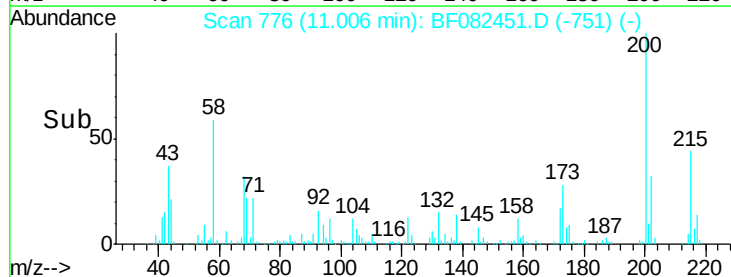
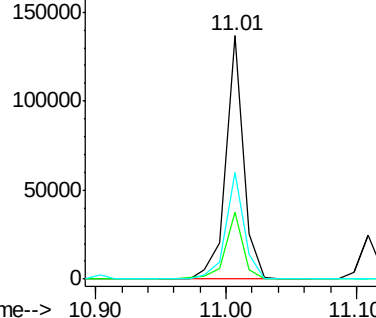


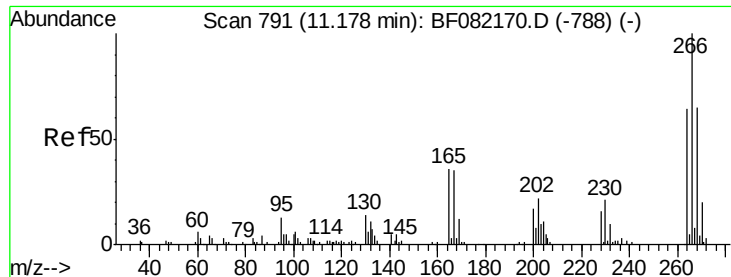
#68
Atrazine
Concen: 32.59 ng
RT: 11.01 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.7	7.3	47.3
215	43.8	26.2	66.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

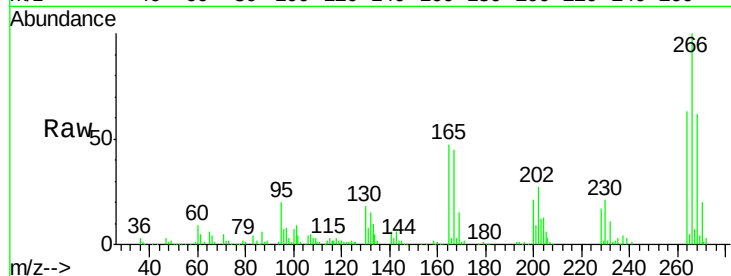




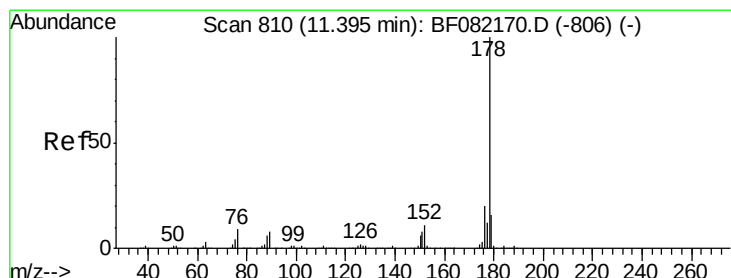
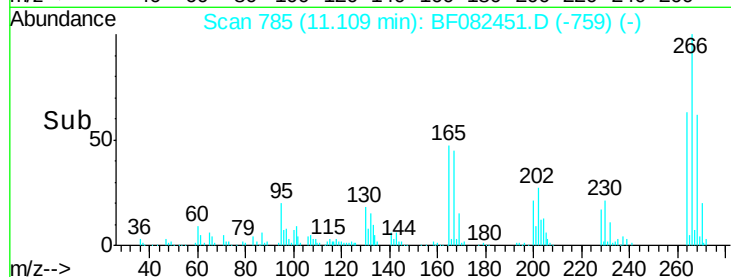
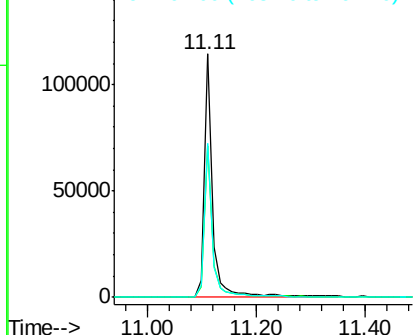
#69
 Pentachlorophenol
 Concen: 52.02 ng
 RT: 11.11 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF082451.D
 Acq: 22 Oct 2015 18:09

Instrument :
 BNA_F
 ClientSampleId :
 PB86210BS

Tgt Ion: 266 Resp: 121989
 Ion Ratio Lower Upper
 266 100
 268 62.4 52.0 78.0
 264 63.1 51.4 77.0

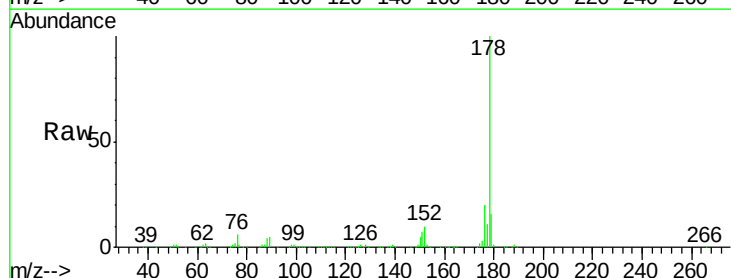


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

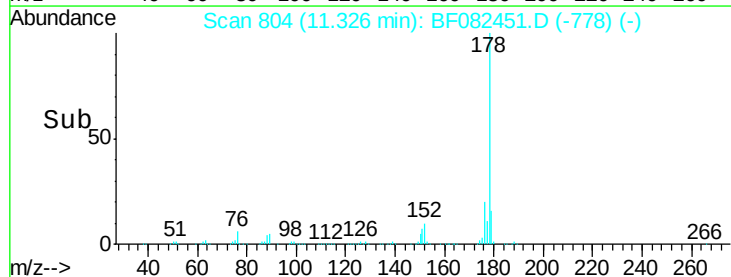
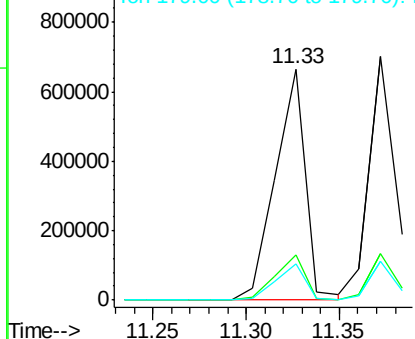


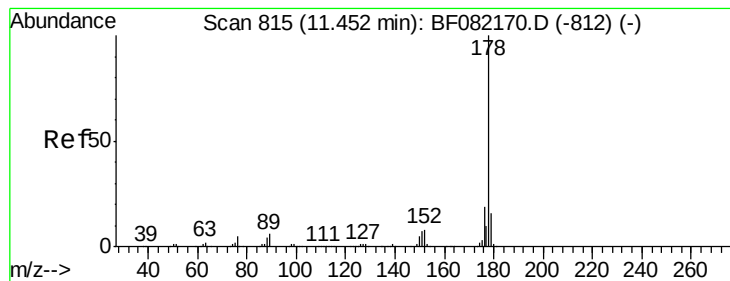
#70
 Phenanthrene
 Concen: 36.16 ng
 RT: 11.33 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF082451.D
 Acq: 22 Oct 2015 18:09

Tgt Ion: 178 Resp: 746147
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.0 24.0
 179 15.7 12.6 19.0



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





#71

Anthracene

Concen: 33.25 ng

RT: 11.37 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB86210BS

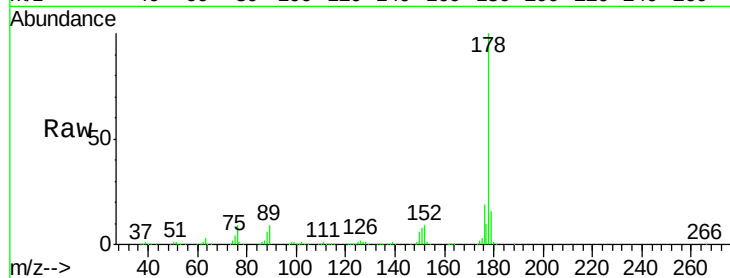
Tgt Ion:178 Resp: 707022

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

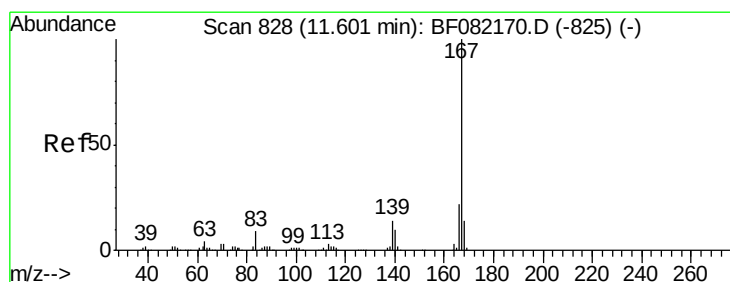
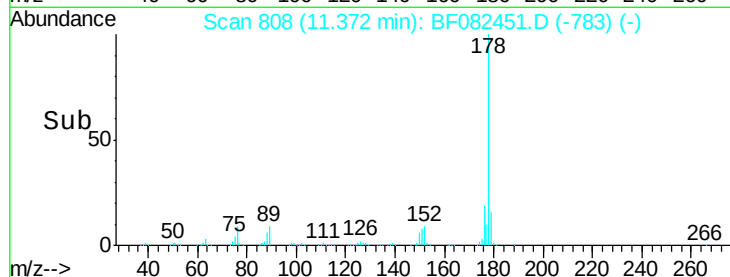
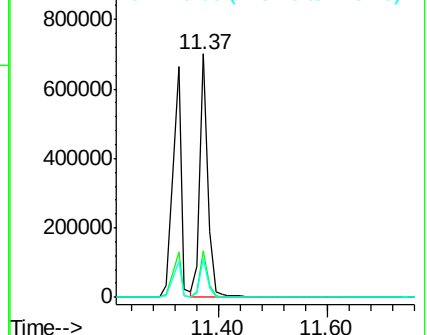
179 16.2 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 32.93 ng

RT: 11.53 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

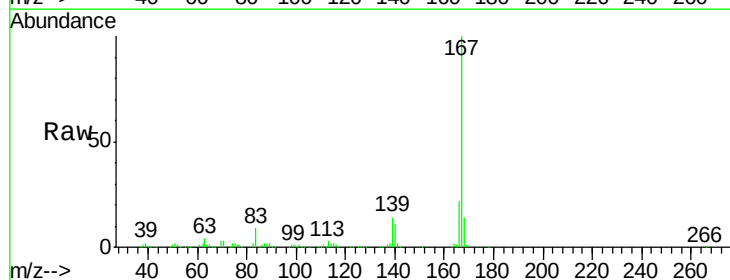
Tgt Ion:167 Resp: 638878

Ion Ratio Lower Upper

167 100

166 22.1 17.3 25.9

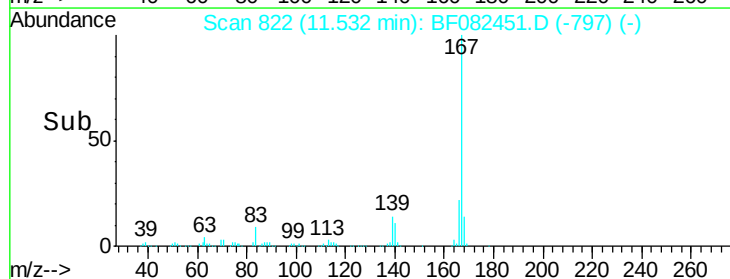
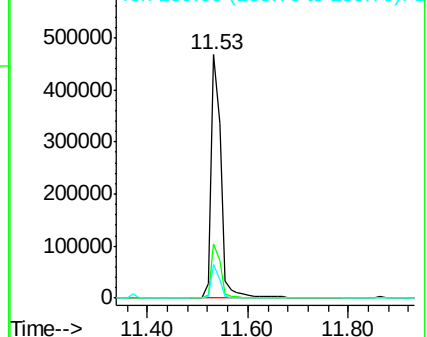
139 13.9 11.2 16.8

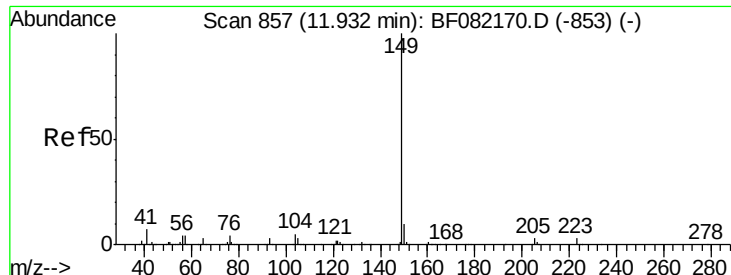


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 33.85 ng

RT: 11.86 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB86210BS

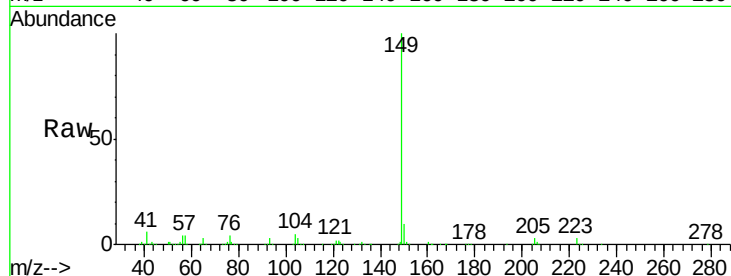
Tgt Ion:149 Resp: 810195

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

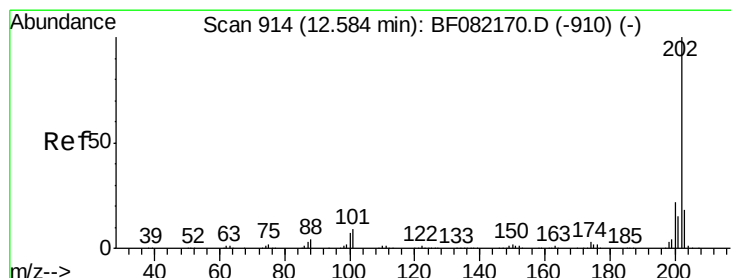
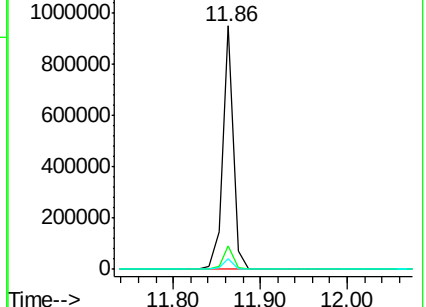
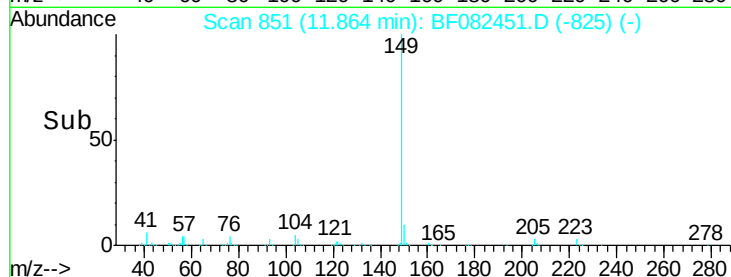
104 4.6 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.15 ng

RT: 12.52 min Scan# 908

Delta R.T. -0.00 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

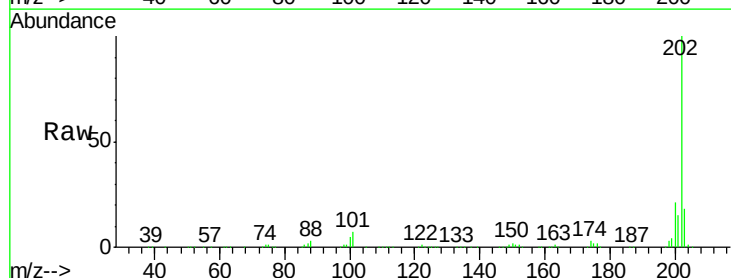
Tgt Ion:202 Resp: 801367

Ion Ratio Lower Upper

202 100

101 6.7 0.0 29.3

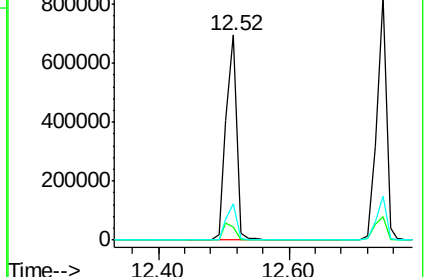
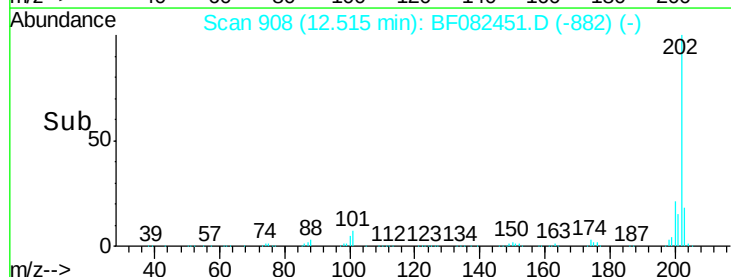
203 17.5 0.0 37.8

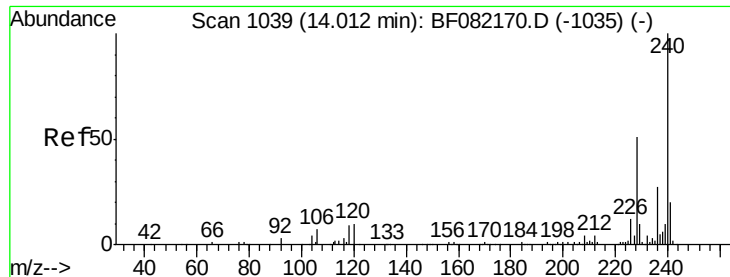


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

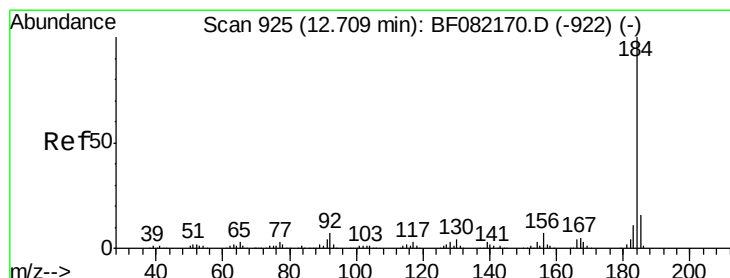
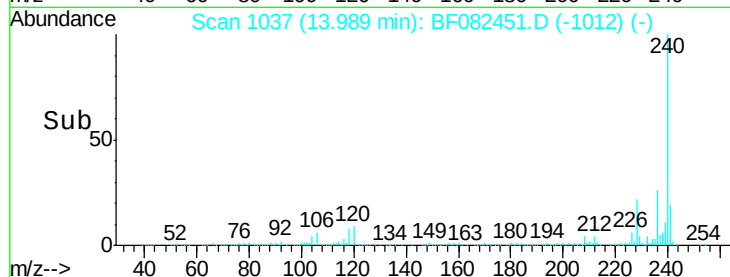
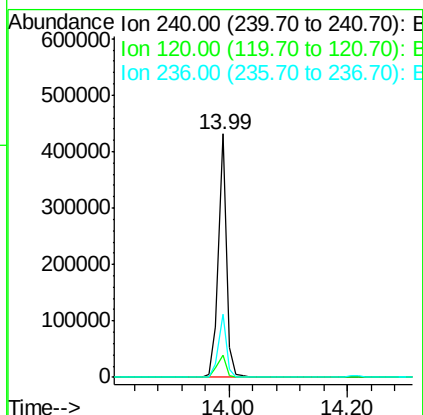
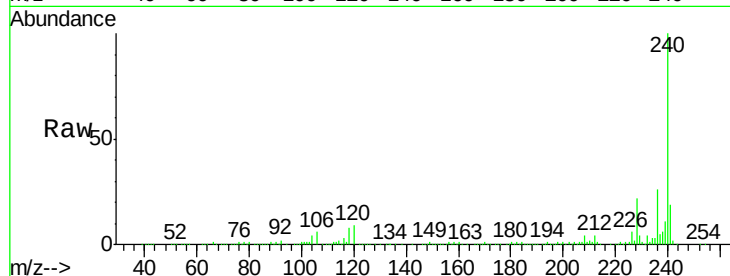




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

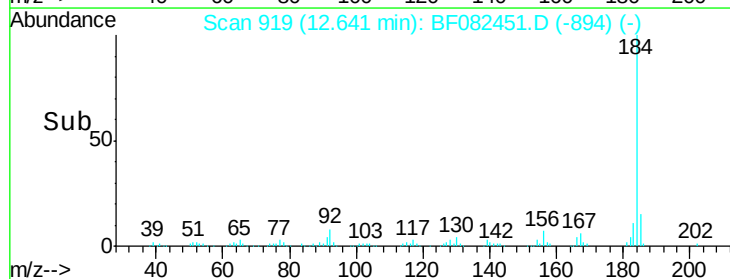
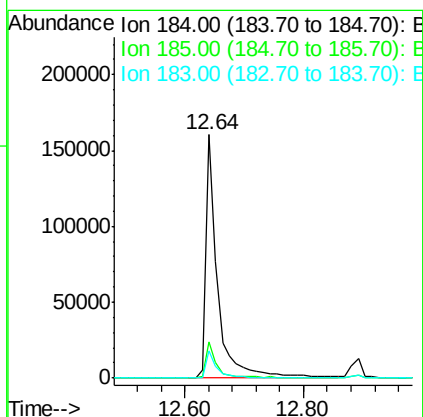
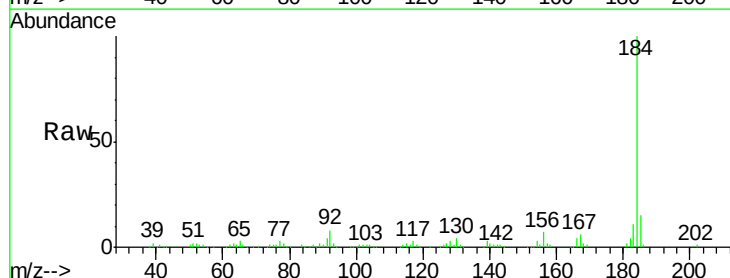
Instrument :
BNA_F
ClientSampleId :
PB86210BS

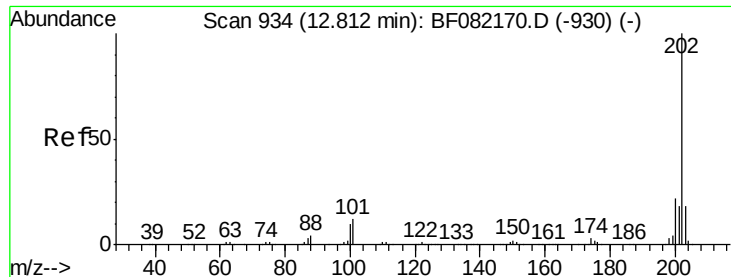
Tgt Ion: 240 Resp: 409585
Ion Ratio Lower Upper
240 100
120 9.3 8.1 12.1
236 26.0 21.3 31.9



#76
Benzidine
Concen: 19.04 ng
RT: 12.64 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion: 184 Resp: 225994
Ion Ratio Lower Upper
184 100
185 14.8 12.5 18.7
183 11.5 9.1 13.7

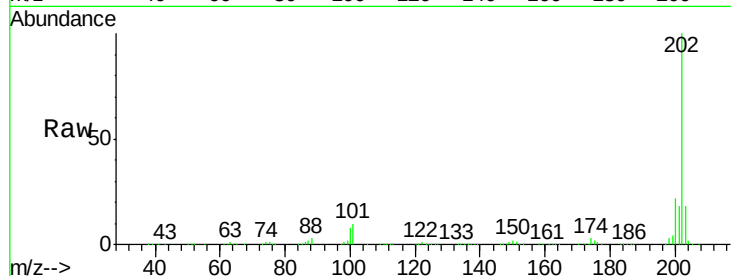




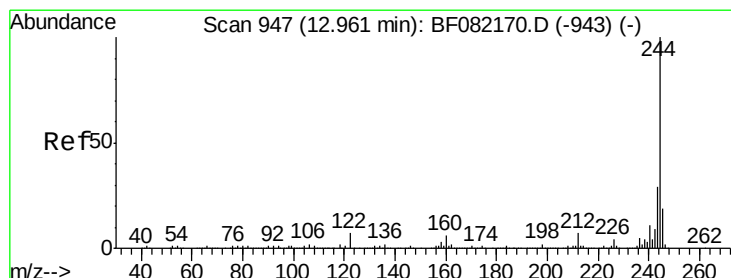
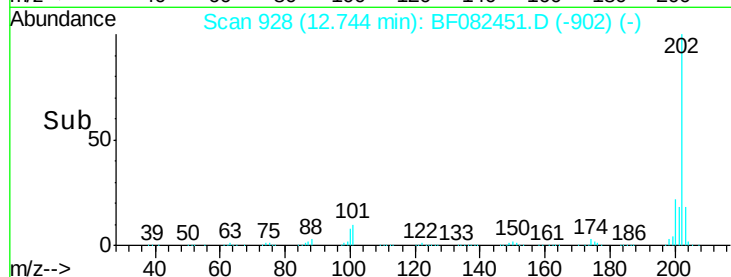
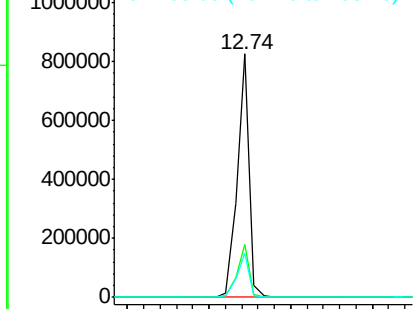
#77
 Pyrene
 Concen: 34.18 ng
 RT: 12.74 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: BF082451.D
 Acq: 22 Oct 2015 18:09

Instrument :
 BNA_F
 ClientSampleId :
 PB86210BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.9	26.9
203	18.1	14.5	21.7

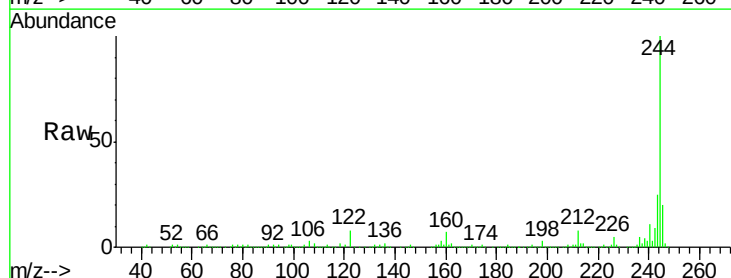


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

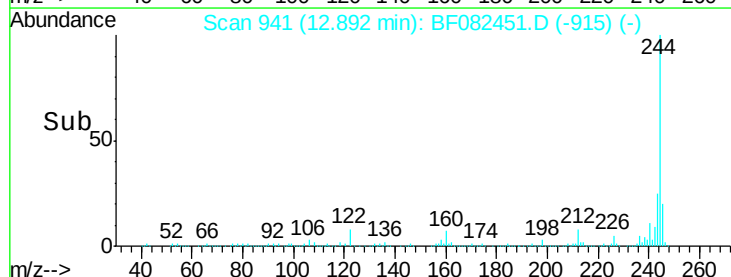
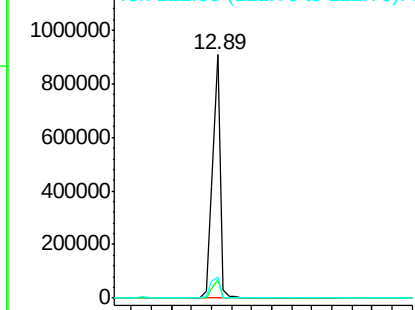


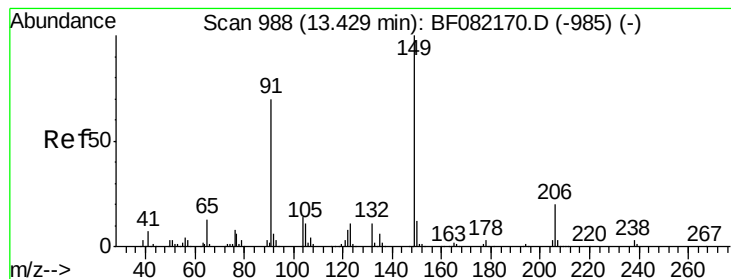
#78
 Terphenyl-d14
 Concen: 63.18 ng
 RT: 12.89 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: BF082451.D
 Acq: 22 Oct 2015 18:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.6
122	8.4	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: 31.82 ng

RT: 13.38 min Scan# 984

Delta R.T. -0.00 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB86210BS

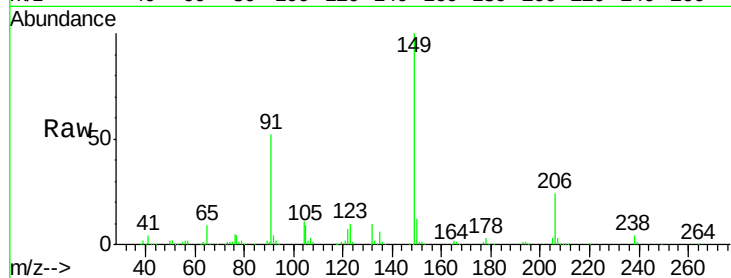
Tgt Ion:149 Resp: 352947

Ion Ratio Lower Upper

149 100

91 51.8 55.7 83.5#

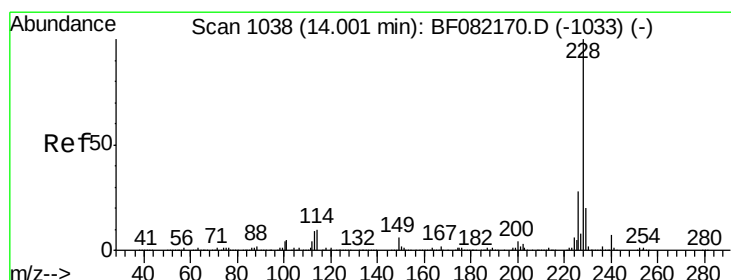
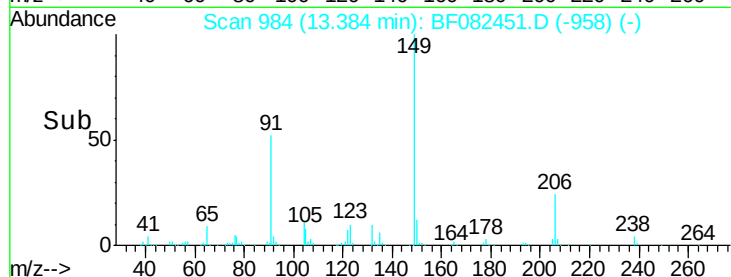
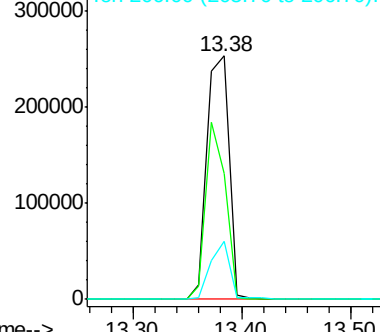
206 23.9 15.6 23.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 31.88 ng

RT: 13.98 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

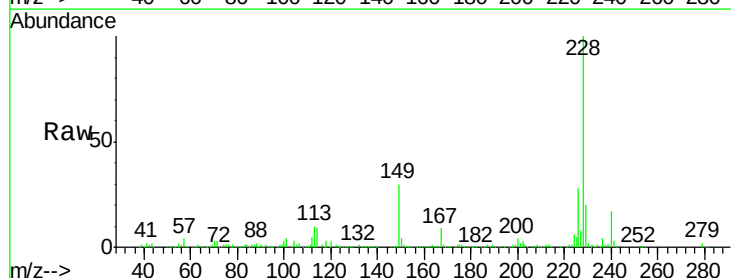
Tgt Ion:228 Resp: 679475

Ion Ratio Lower Upper

228 100

226 27.6 22.3 33.5

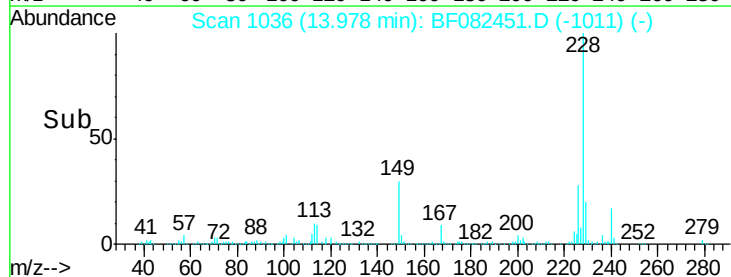
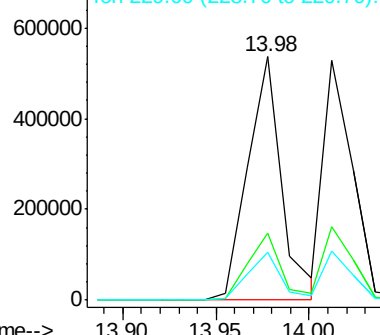
229 19.8 16.2 24.2

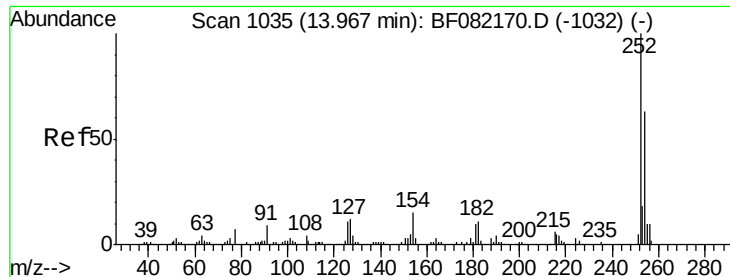


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

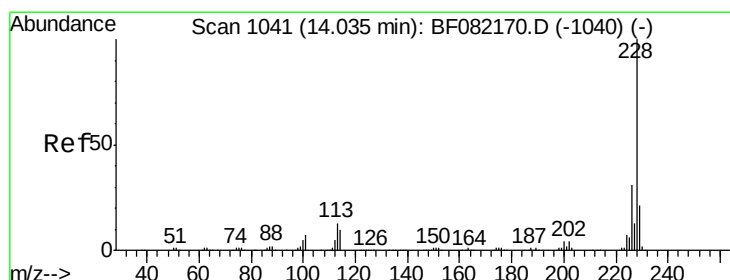
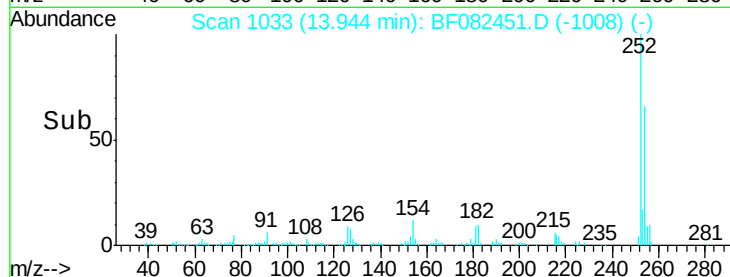
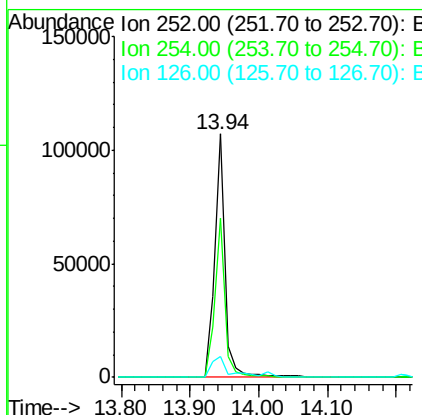
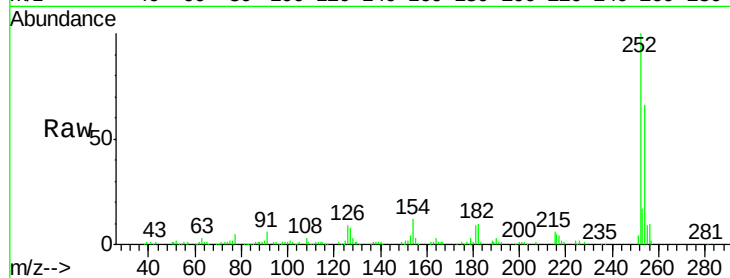




#81
 3,3'-Dichlorobenzidine
 Concen: 14.44 ng
 RT: 13.94 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF082451.D
 Acq: 22 Oct 2015 18:09

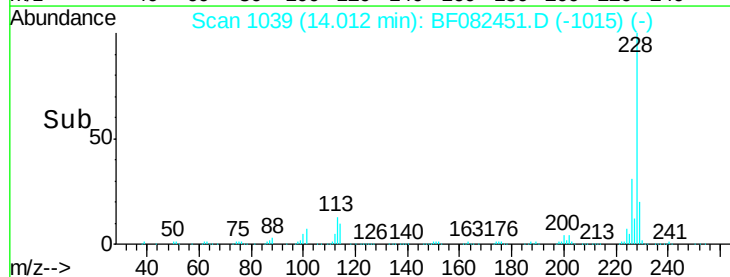
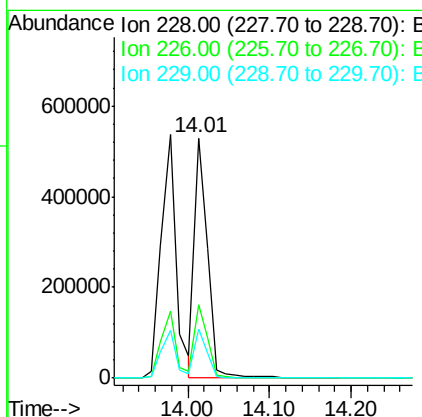
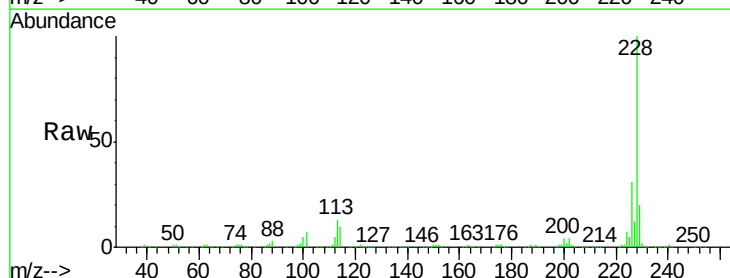
Instrument :
 BNA_F
 ClientSampleId :
 PB86210BS

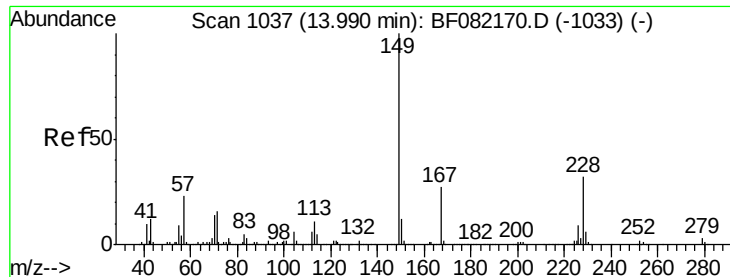
Tgt Ion:252 Resp: 116841
 Ion Ratio Lower Upper
 252 100
 254 65.6 50.7 76.1
 126 8.6 9.0 13.6#



#82
 Chrysene
 Concen: 26.35 ng
 RT: 14.01 min Scan# 1039
 Delta R.T. -0.02 min
 Lab File: BF082451.D
 Acq: 22 Oct 2015 18:09

Tgt Ion:228 Resp: 591702
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.4 36.6
 229 20.3 16.3 24.5

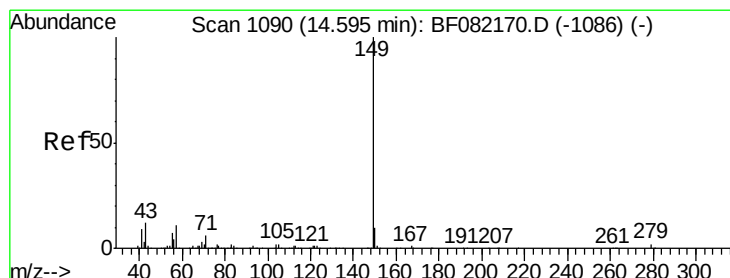
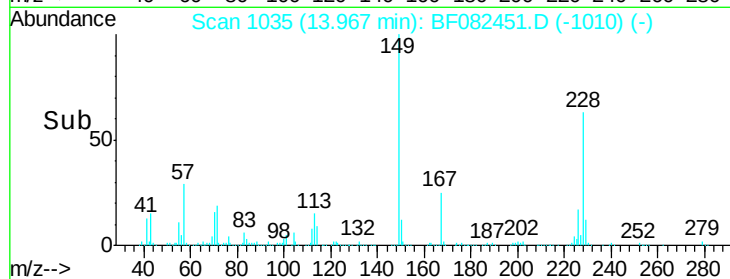
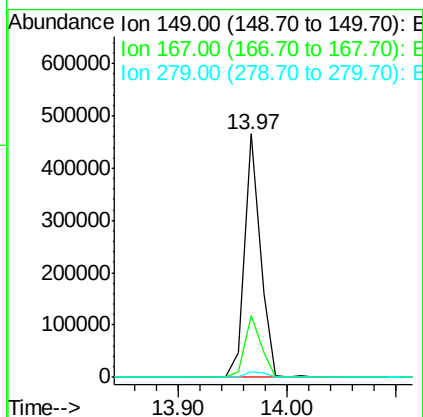
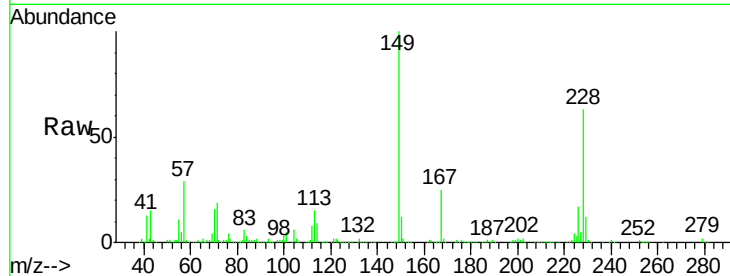




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 29.55 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF082451.D
 Acq: 22 Oct 2015 18:09

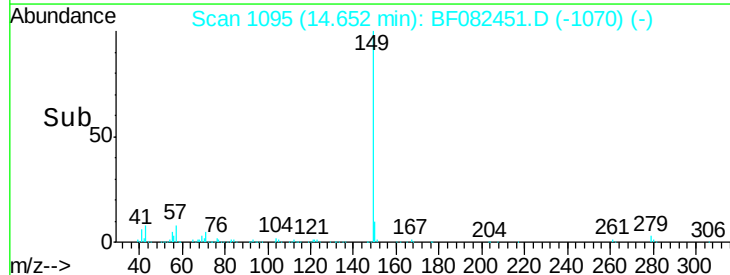
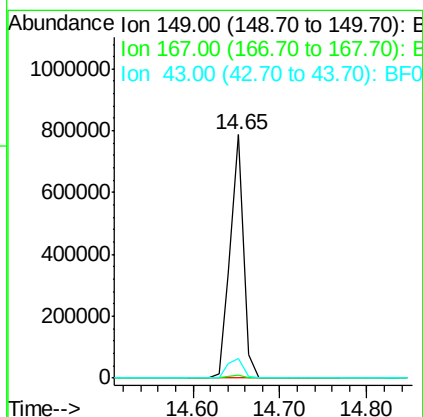
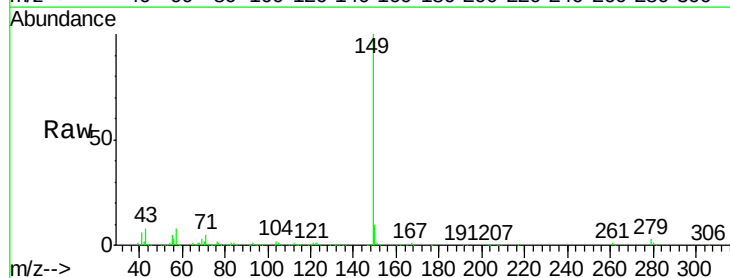
Instrument :
 BNA_F
 ClientSampleId :
 PB86210BS

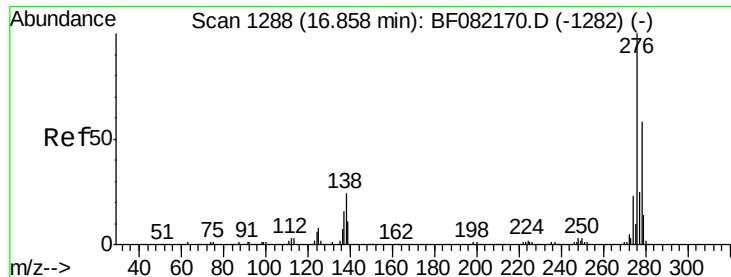
Tgt Ion:149 Resp: 467689
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.3 31.9
 279 2.3 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 30.70 ng
 RT: 14.65 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BF082451.D
 Acq: 22 Oct 2015 18:09

Tgt Ion:149 Resp: 834512
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.3 1.9
 43 9.4 7.4 11.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 27.92 ng

RT: 16.90 min Scan# 1292

Delta R.T. -0.03 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB86210BS

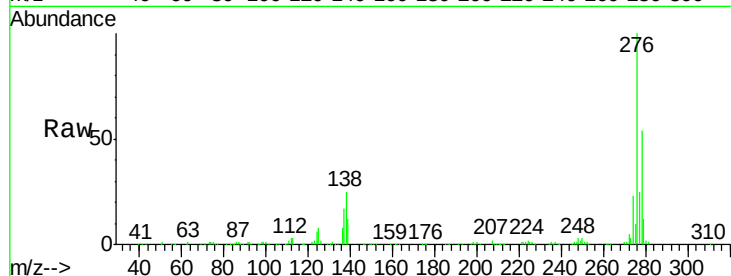
Tgt Ion: 276 Resp: 498260

Ion Ratio Lower Upper

276 100

138 26.1 19.7 29.5

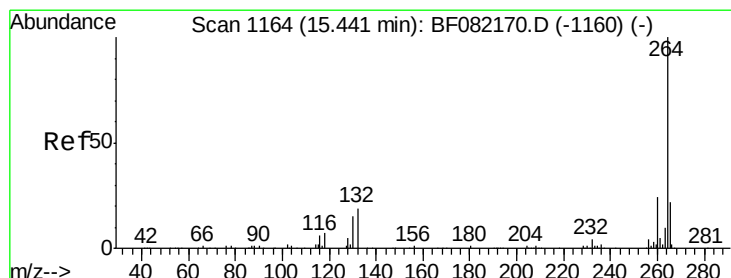
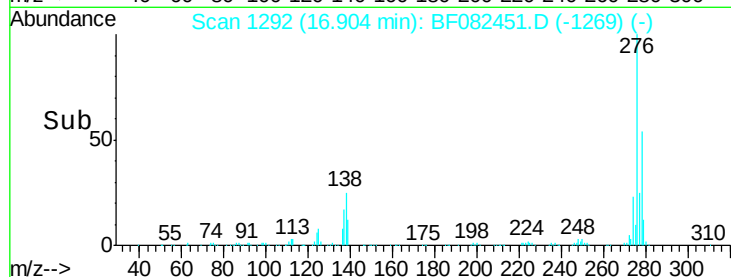
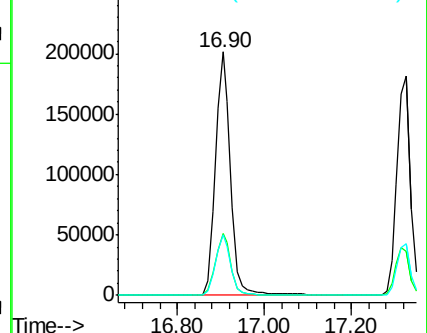
277 24.8 20.1 30.1



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: 15.51 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

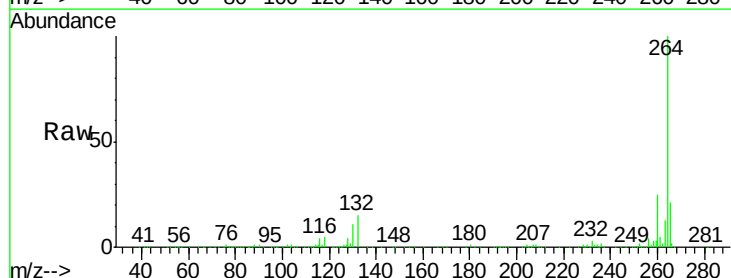
Tgt Ion: 264 Resp: 328730

Ion Ratio Lower Upper

264 100

260 24.6 19.0 28.6

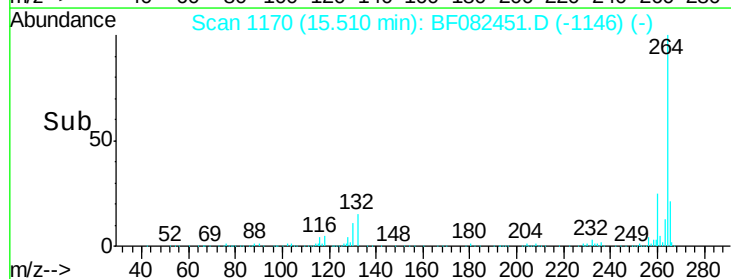
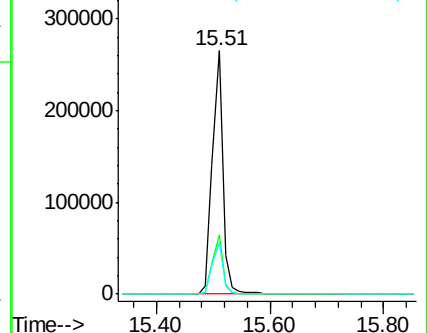
265 21.3 17.3 25.9

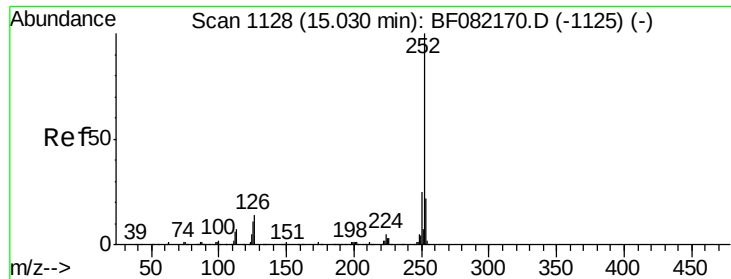


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

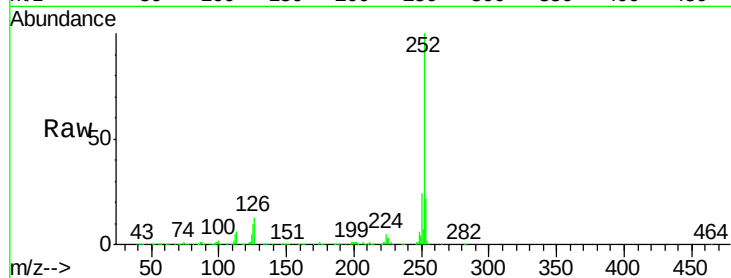




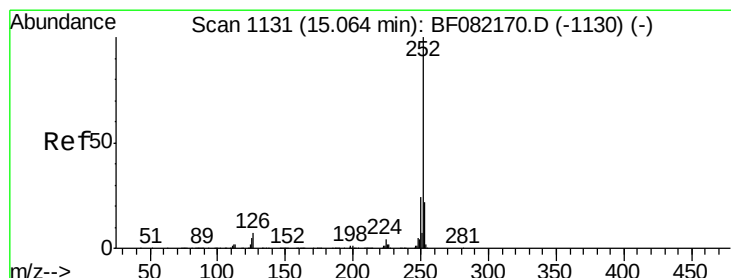
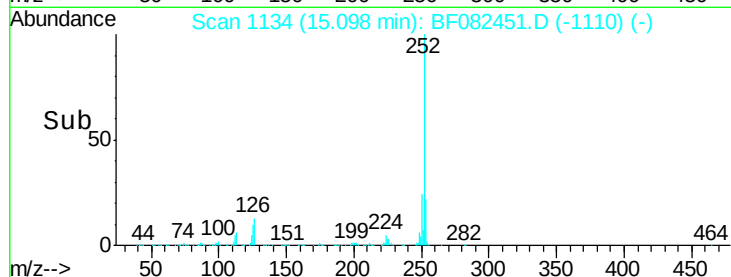
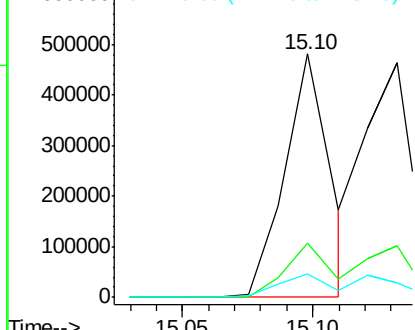
#87
Benzo(b)fluoranthene
Concen: 28.92 ng
RT: 15.10 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Instrument :
BNA_F
ClientSampleId :
PB86210BS

Tgt Ion:252 Resp: 578464
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 9.6 8.6 12.8

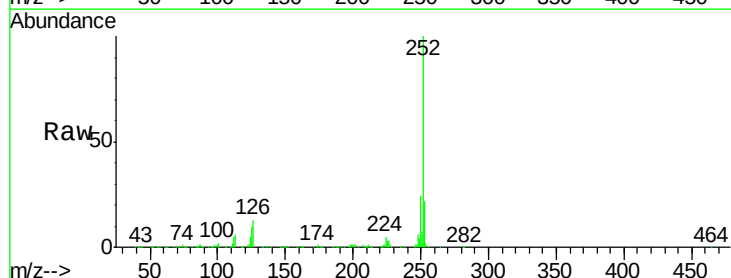


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

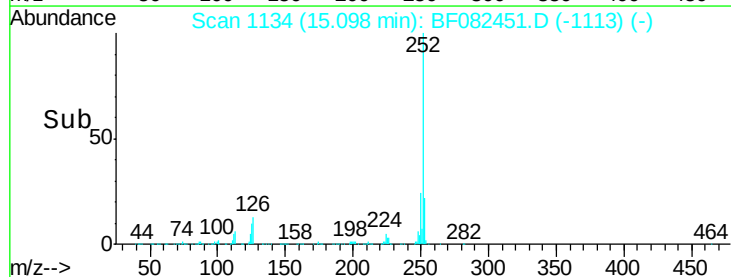
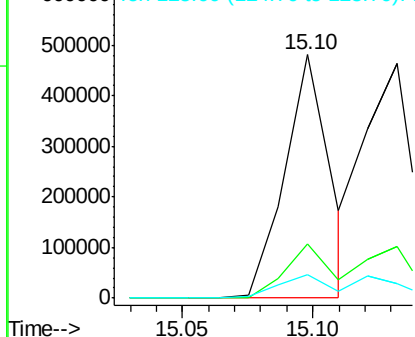


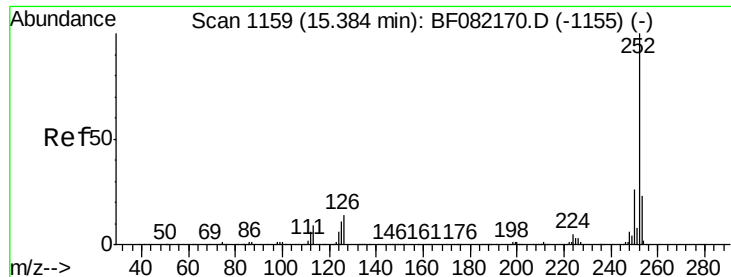
#88
Benzo(k)fluoranthene
Concen: 34.41 ng
RT: 15.10 min Scan# 1134
Delta R.T. -0.06 min
Lab File: BF082451.D
Acq: 22 Oct 2015 18:09

Tgt Ion:252 Resp: 578464
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 9.6 6.7 10.1



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





#89

Benzo(a)pyrene

Concen: 32.32 ng

RT: 15.45 min Scan# 1165

Delta R.T. -0.02 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

Instrument :

BNA_F

ClientSampled :

PB86210BS

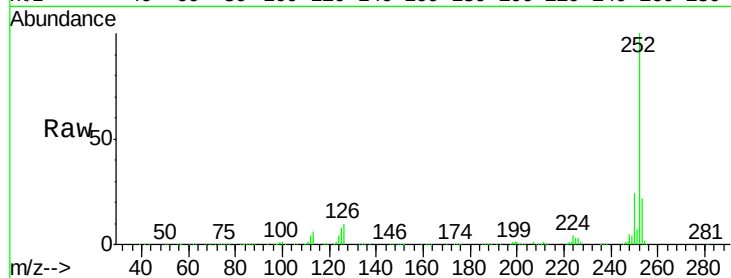
Tgt Ion: 252 Resp: 555492

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

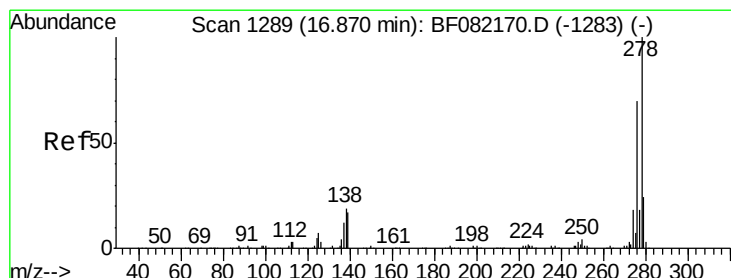
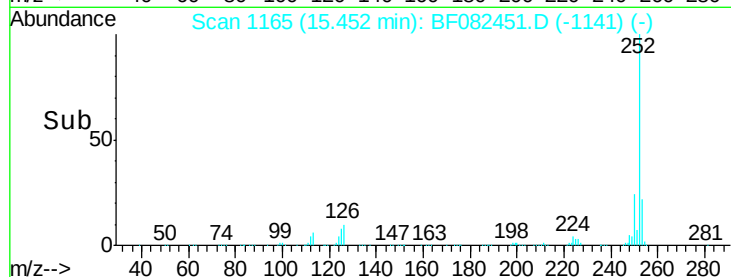
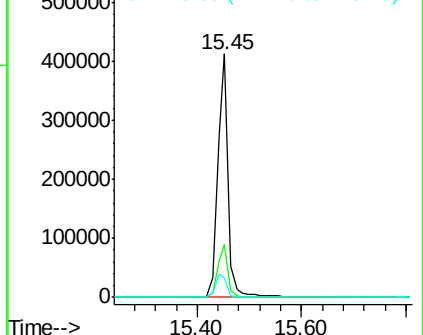
125 8.1 8.9 13.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 29.93 ng

RT: 16.92 min Scan# 1293

Delta R.T. -0.03 min

Lab File: BF082451.D

Acq: 22 Oct 2015 18:09

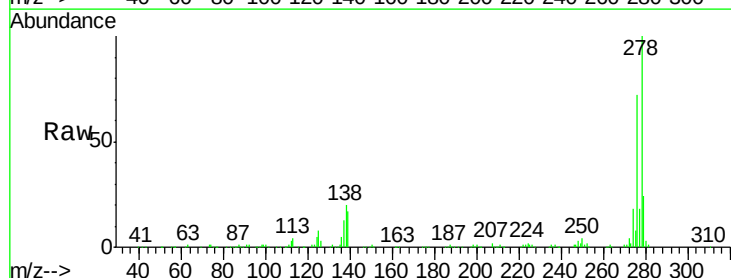
Tgt Ion: 278 Resp: 421580

Ion Ratio Lower Upper

278 100

139 16.9 13.3 19.9

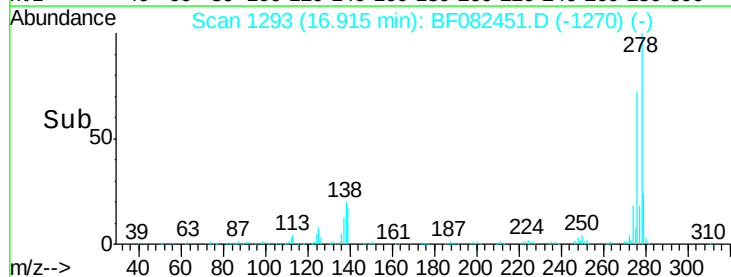
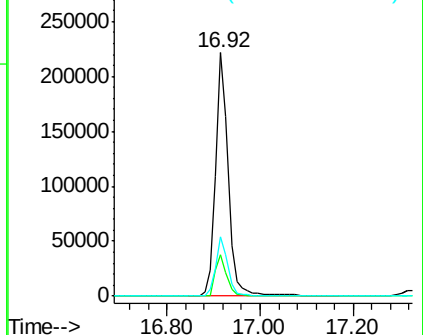
279 24.4 18.9 28.3

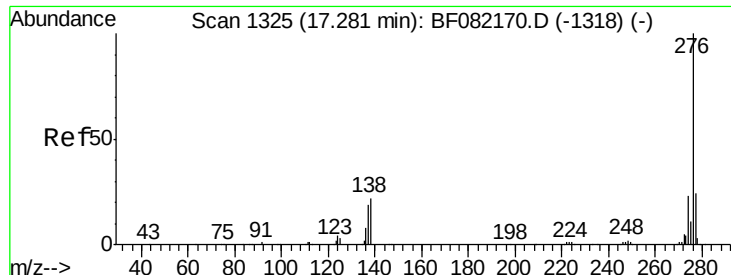


Abundance Ion 278.00 (277.70 to 278.70): E

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: 29.54 ng

RT: 17.33 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF082451.D

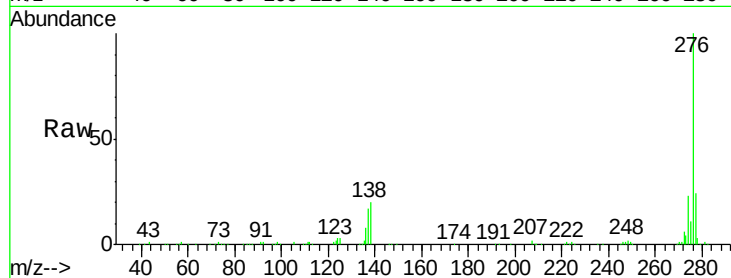
Acq: 22 Oct 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB86210BS



Tgt Ion:	276	Resp:	404242
Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	20.0	17.4	26.2

