

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081015\
 Data File : BF080952.D
 Acq On : 10 Aug 2015 15:31
 Operator : TP/UM
 Sample : PB84904BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84904BS

Quant Time: Aug 11 01:09:24 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	13367	20.00	ng	-0.02
21) Naphthalene-d8	8.06	136	51163	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	26365	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	58471	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	48996	20.00	ng	-0.03
86) Perylene-d12	15.32	264	38663	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	28266	34.55	ng	-0.01
7) Phenol-d6	6.41	99	42431	37.85	ng	-0.03
23) Nitrobenzene-d5	7.34	82	27352	25.29	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	9347	32.27	ng	-0.03
44) 2-Fluorobiphenyl	9.15	172	43733	23.35	ng	-0.02
78) Terphenyl-d14	12.88	244	56883	23.98	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	7123	18.36	ng	93
3) Pyridine	3.10	79	15888	14.44	ng	# 93
4) n-Nitrosodimethylamine	2.99	42	12174	21.67	ng	# 92
6) Aniline	6.44	93	32968	20.02	ng	97
8) 2-Chlorophenol	6.57	128	18027	19.04	ng	93
9) Benzaldehyde	6.33	77	18025	23.85	ng	93
10) Phenol	6.42	94	25094	18.87	ng	91
11) bis(2-Chloroethyl)ether	6.52	93	18663	18.79	ng	87
12) 1,3-Dichlorobenzene	6.73	146	17894	17.81	ng	98
13) 1,4-Dichlorobenzene	6.81	146	19139	18.33	ng	99
14) 1,2-Dichlorobenzene	6.96	146	19155	20.30	ng	96
15) Benzyl Alcohol	6.92	79	17373	18.94	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.07	45	41727	20.88	ng	99
17) 2-Methylphenol	7.04	107	15072	18.65	ng	# 89
18) Hexachloroethane	7.30	117	9297	23.24	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	19684	24.02	ng	97
20) 3+4-Methylphenols	7.20	107	24034	23.68	ng	95
22) Acetophenone	7.20	105	34258	27.33	ng	# 87
24) Nitrobenzene	7.37	77	25178	22.61	ng	# 82
25) Isophorone	7.61	82	48175	23.16	ng	96
26) 2-Nitrophenol	7.69	139	10472	22.35	ng	93
27) 2,4-Dimethylphenol	7.72	122	17629	20.09	ng	93
28) bis(2-Chloroethoxy)methane	7.82	93	28559	22.87	ng	98
29) 2,4-Dichlorophenol	7.93	162	15654	21.71	ng	95
30) 1,2,4-Trichlorobenzene	8.01	180	15839	20.10	ng	# 88
31) Naphthalene	8.09	128	57061	20.23	ng	99
32) Benzoic acid	7.78	122	4292	8.17	ng	90
33) 4-Chloroaniline	8.14	127	25843	22.55	ng	# 93
34) Hexachlorobutadiene	8.21	225	10659	22.73	ng	96
35) Caprolactam	8.48	113	5399	20.82	ng	# 81
36) 4-Chloro-3-methylphenol	8.62	107	17525	19.92	ng	87
37) 2-Methylnaphthalene	8.78	142	36880	20.54	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	15638	19.24	ng	# 96
40) Hexachlorocyclopentadiene	8.94	237	19618	44.23	ng	99

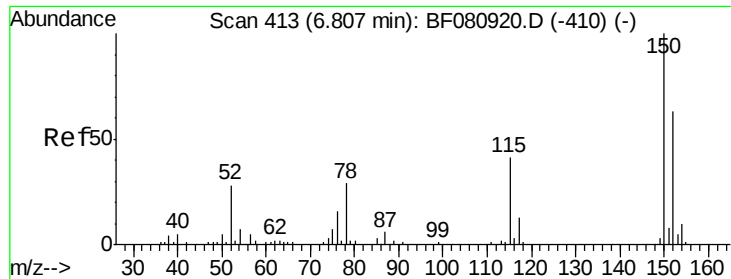
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081015\
 Data File : BF080952.D
 Acq On : 10 Aug 2015 15:31
 Operator : TP/UM
 Sample : PB84904BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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Quant Time: Aug 11 01:09:24 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	11043	18.54	nq	97
43) 2,4,5-Trichlorophenol	9.09	196	10805	18.00	nq	# 76
45) 1,1'-Biphenyl	9.24	154	53594	23.69	nq	97
46) 2-Chloronaphthalene	9.26	162	40831	23.15	nq	94
47) 2-Nitroaniline	9.37	65	14398	20.35	nq	# 77
48) Acenaphthylene	9.68	152	61052	19.91	nq	98
49) Dimethylphthalate	9.55	163	45805	20.91	nq	# 98
50) 2,6-Dinitrotoluene	9.61	165	10474	23.15	nq	# 63
51) Acenaphthene	9.85	154	42127	22.43	nq	98
52) 3-Nitroaniline	9.77	138	11409	20.45	nq	93
53) 2,4-Dinitrophenol	9.88	184	8190	33.65	nq	# 79
54) Dibenzofuran	10.03	168	51186	20.15	nq	94
55) 4-Nitrophenol	9.93	139	16733	40.08	nq	# 60
56) 2,4-Dinitrotoluene	10.01	165	12437	20.54	nq	# 65
57) Fluorene	10.36	166	40937	20.84	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	10238	21.55	nq	# 98
59) Diethylphthalate	10.25	149	54327	23.83	nq	95
60) 4-Chlorophenyl-phenylether	10.36	204	20602	21.52	nq	94
61) 4-Nitroaniline	10.37	138	10655	18.56	nq	97
62) Azobenzene	10.52	77	59254	23.24	nq	93
64) 4,6-Dinitro-2-methylphenol	10.41	198	6170	17.03	nq	95
65) n-Nitrosodiphenylamine	10.48	169	36884	18.16	nq	100
66) 4-Bromophenyl-phenylether	10.85	248	13516	21.82	nq	# 89
67) Hexachlorobenzene	10.91	284	15022	21.82	nq	# 74
68) Atrazine	11.00	200	13256	22.26	nq	97
69) Pentachlorophenol	11.10	266	15435	38.55	nq	93
70) Phenanthrene	11.32	178	67634	20.43	nq	99
71) Anthracene	11.37	178	64376	19.64	nq	98
72) Carbazole	11.53	167	62600	19.62	nq	98
73) Di-n-butylphthalate	11.87	149	95396	23.91	nq	98
74) Fluoranthene	12.50	202	67409	18.83	nq	96
76) Benzydine	12.64	184	81568	37.29	nq	97
77) Pyrene	12.73	202	70923	19.59	nq	99
79) Butylbenzylphthalate	13.36	149	35962	20.61	nq	# 69
80) Benzo(a)anthracene	13.92	228	68508	22.14	nq	99
81) 3,3'-Dichlorobenzidine	13.88	252	25106	22.30	nq	98
82) Chrysene	13.95	228	67718	22.85	nq	97
83) Bis(2-ethylhexyl)phthalate	13.92	149	50696	20.88	nq	# 94
84) Di-n-octyl phthalate	14.53	149	81041	19.69	nq	96
85) Indeno(1,2,3-cd)pyrene	16.65	276	50241	17.82	nq	97
87) Benzo(b)fluoranthene	14.92	252	113028	42.04	nq	# 97
88) Benzo(k)fluoranthene	14.92	252	113028	48.06	nq	99
89) Benzo(a)pyrene	15.25	252	46598	20.17	nq	# 93
90) Dibenzo(a,h)anthracene	16.67	278	42505	20.80	nq	100
91) Benzo(g,h,i)perylene	17.05	276	41154	20.70	nq	# 93

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

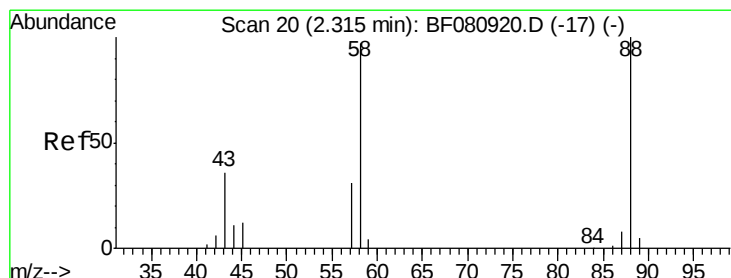
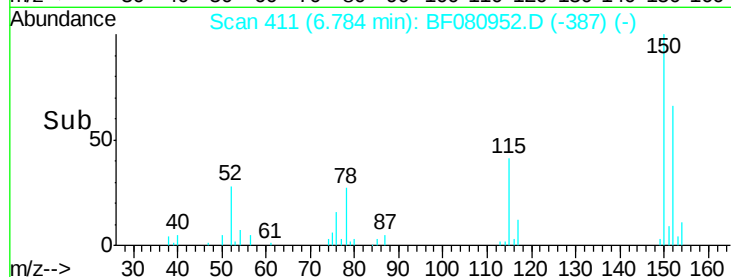
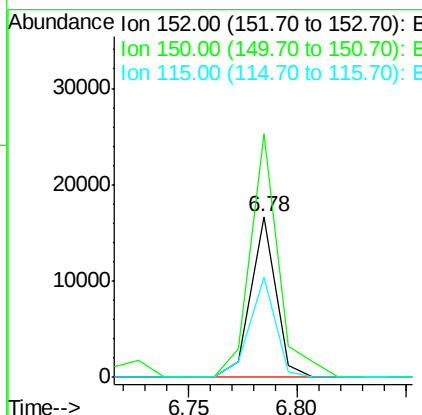
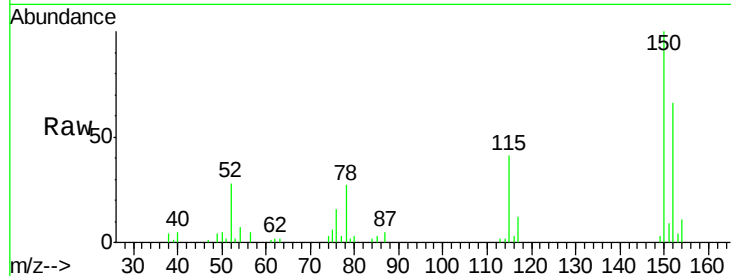


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.02 min
Lab File: BF080952.D
Acq: 10 Aug 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB84904BS

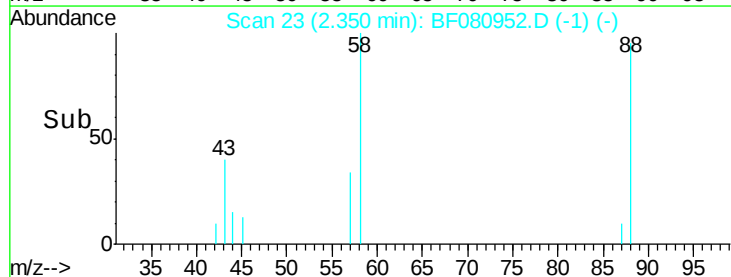
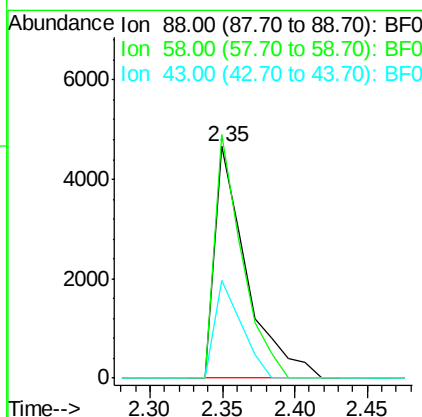
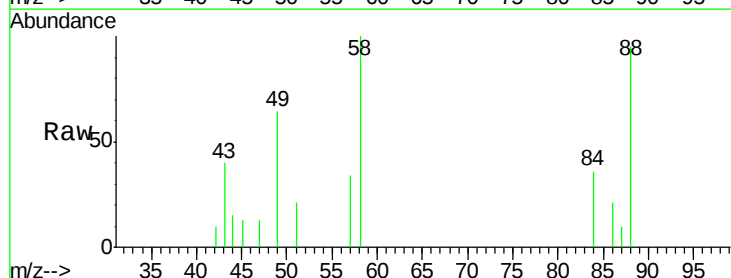
Tot Ion:152 Resp: 13367
Ion Ratio Lower Upper
152 100
150 151.6 127.4 191.2
115 62.7 52.6 78.8

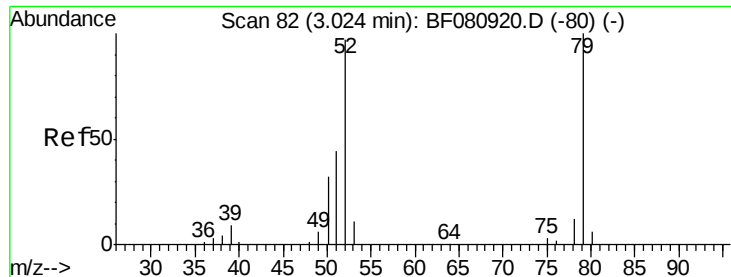


#2

1,4-Dioxane
Concen: 18.36 ng
RT: 2.35 min Scan# 23
Delta R.T. 0.03 min
Lab File: BF080952.D
Acq: 10 Aug 2015 15:31

Tgt Ion: 88 Resp: 7123
Ion Ratio Lower Upper
88 100
58 89.8 79.3 118.9
43 35.1 28.3 42.5





#3

Pvridine

Concen: 14.44 ng

RT: 3.10 min Scan# 89

Delta R.T. 0.08 min

Lab File: BF080952.D

Acq: 10 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB84904BS

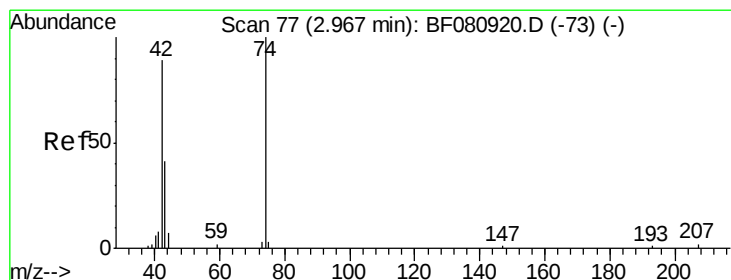
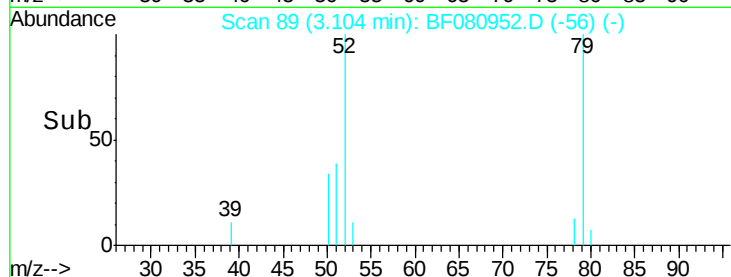
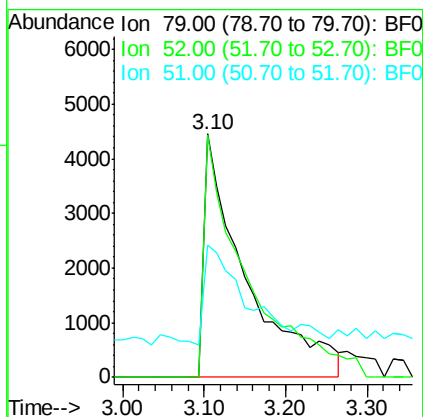
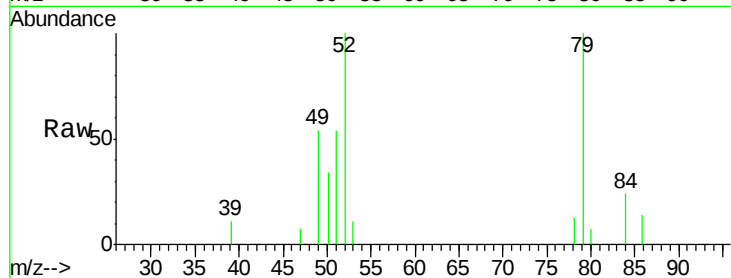
Tot Ion: 79 Resp: 15888

Ion Ratio Lower Upper

79 100

52 99.6 77.2 115.8

51 54.1 35.0 52.4#



#4

n-Nitrosodimethylamine

Concen: 21.67 ng

RT: 2.99 min Scan# 79

Delta R.T. 0.02 min

Lab File: BF080952.D

Acq: 10 Aug 2015 15:31

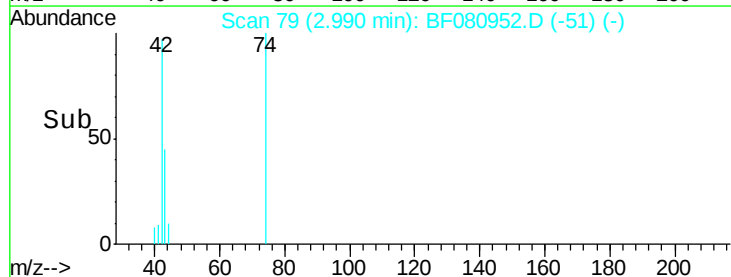
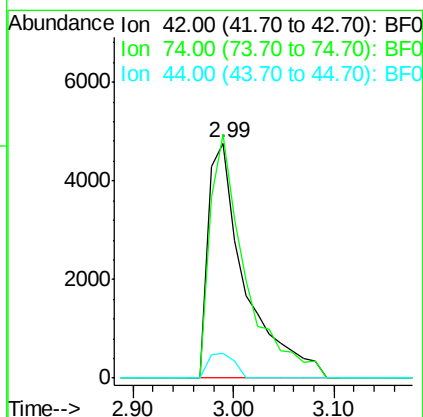
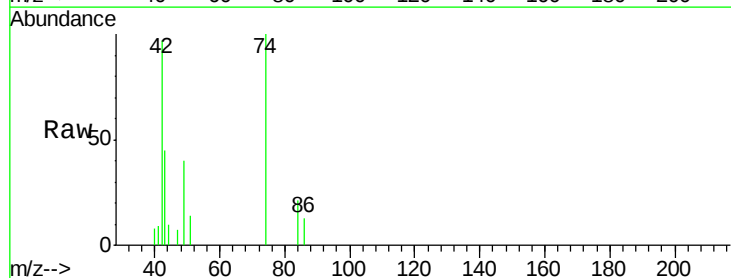
Tgt Ion: 42 Resp: 12174

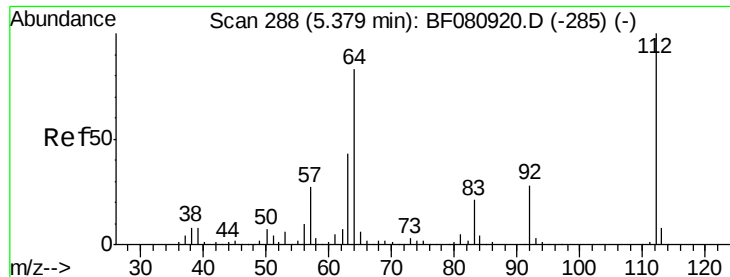
Ion Ratio Lower Upper

42 100

74 103.6 89.8 134.8

44 10.4 6.5 9.7#





#5

2-Fluorophenol

Concen: 34.55 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF080952.D

Acq: 10 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB84904BS

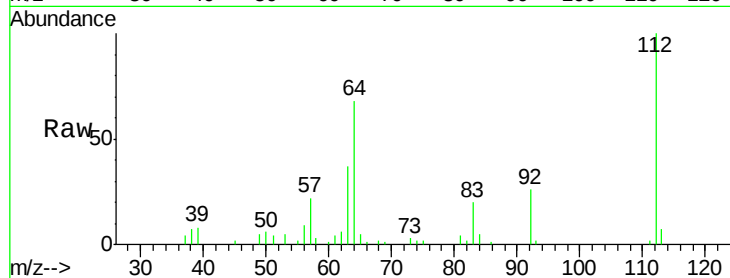
Tot Ion:112 Resp: 28266

Ion Ratio Lower Upper

112 100

64 67.7 66.1 99.1

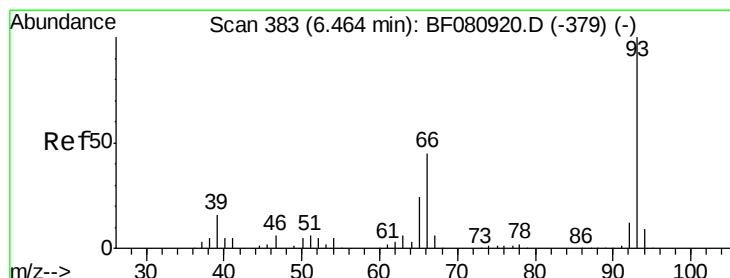
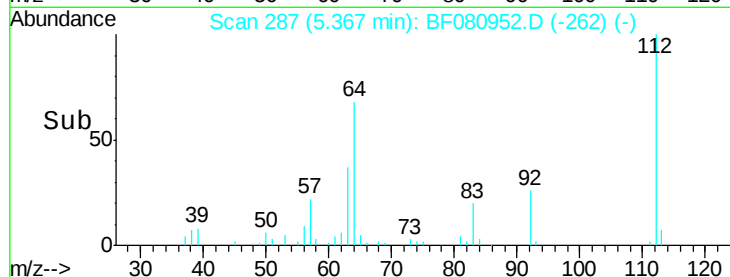
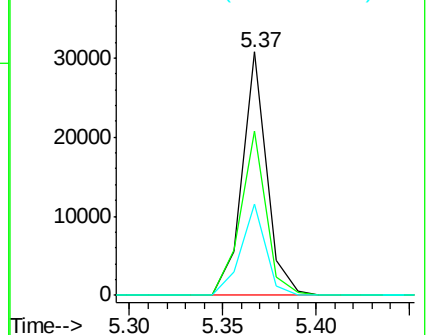
63 37.5 34.6 52.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.02 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF080952.D

Acq: 10 Aug 2015 15:31

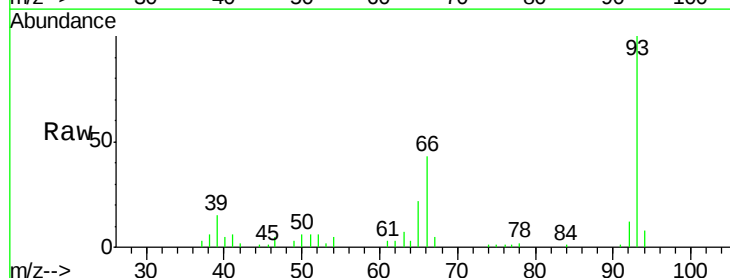
Tgt Ion: 93 Resp: 32968

Ion Ratio Lower Upper

93 100

66 43.1 36.2 54.4

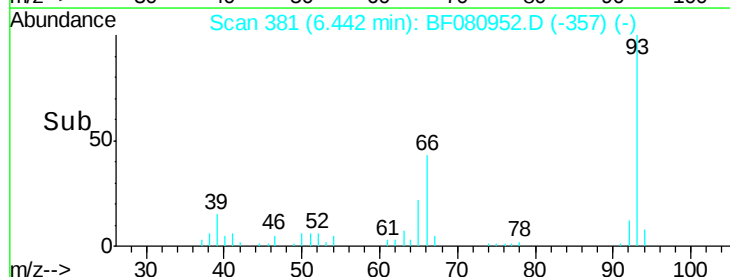
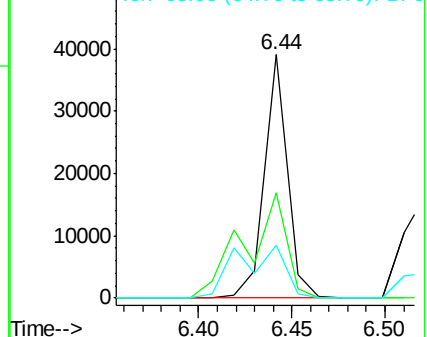
65 22.0 19.0 28.4

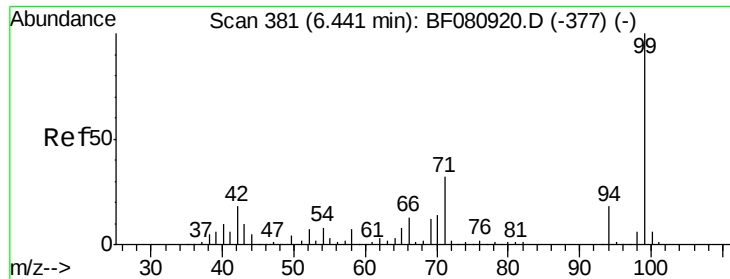


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 37.85 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF080952.D

Acq: 10 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB84904BS

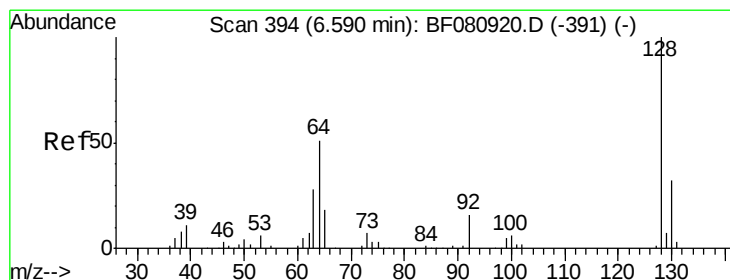
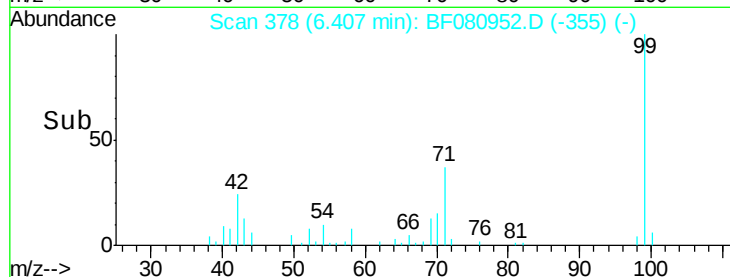
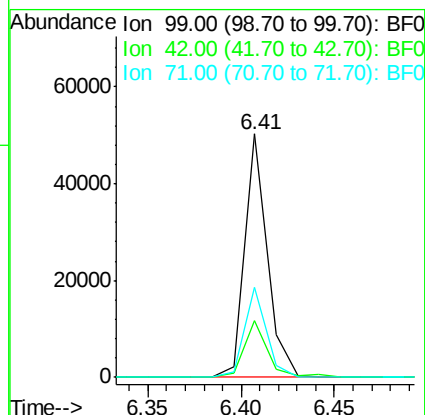
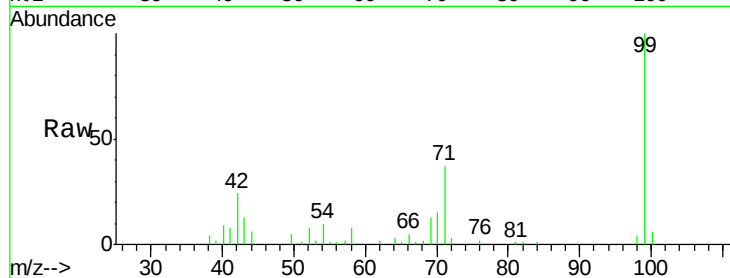
Tot Ion: 99 Resp: 42431

Ion Ratio Lower Upper

99 100

42 23.6 14.4 21.6#

71 36.8 25.8 38.8



#8

2-Chlorophenol

Concen: 19.04 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.02 min

Lab File: BF080952.D

Acq: 10 Aug 2015 15:31

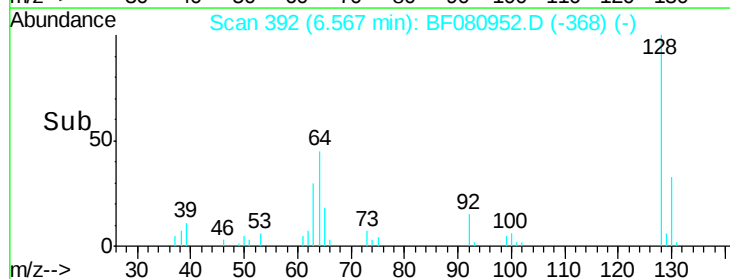
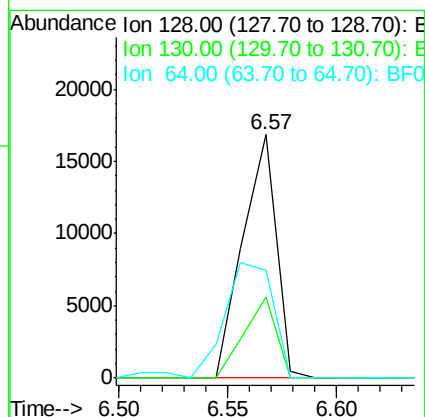
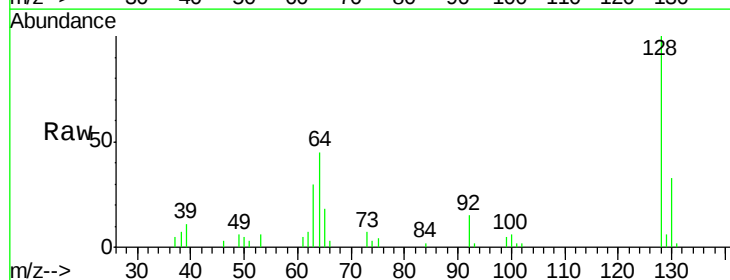
Tgt Ion: 128 Resp: 18027

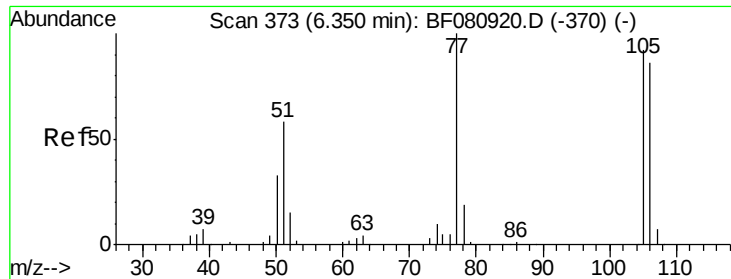
Ion Ratio Lower Upper

128 100

130 33.1 12.4 52.4

64 44.6 32.1 72.1

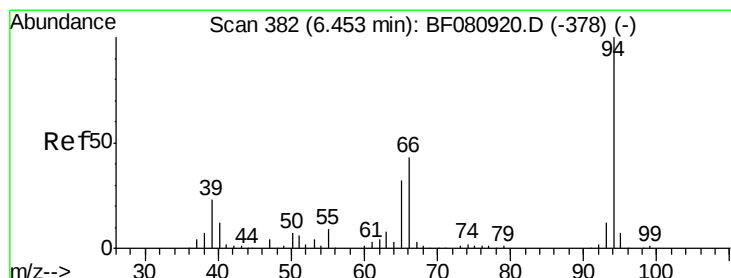
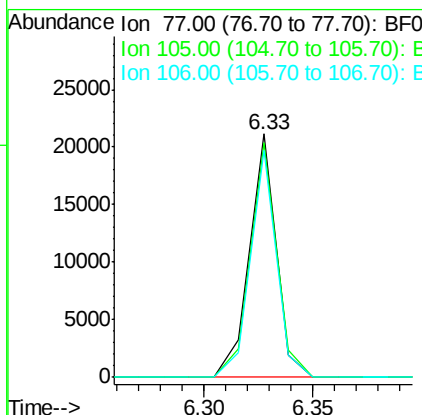
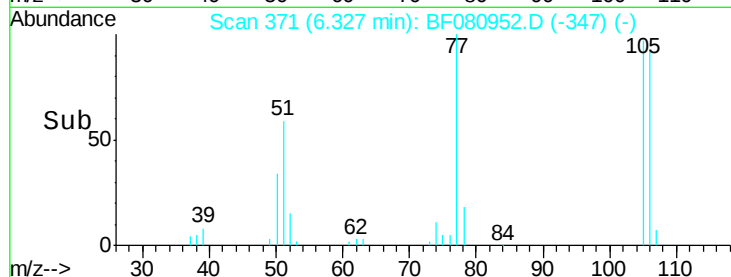
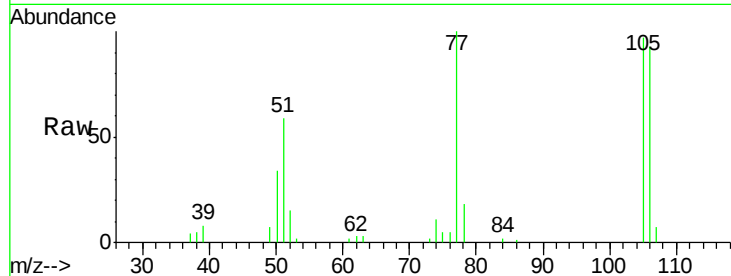




#9
Benzaldehyde
Concen: 23.85 ng
RT: 6.33 min Scan# 371
Delta R.T. -0.02 min
Lab File: BF080952.D
Acq: 10 Aug 2015 15:31

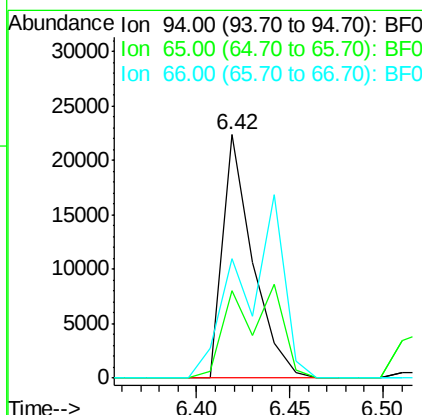
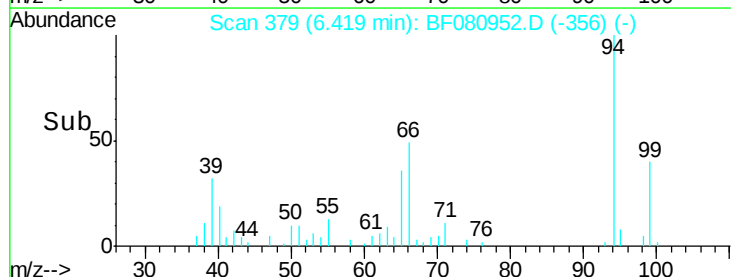
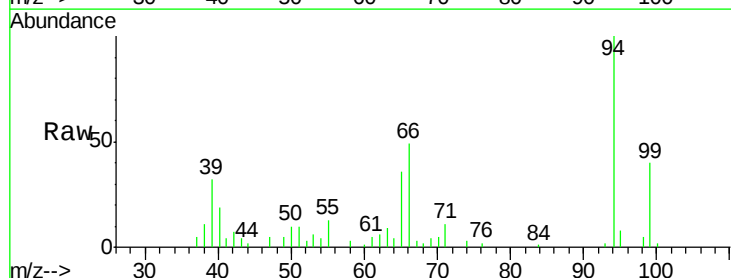
Instrument :
BNA_F
ClientSampled :
PB84904BS

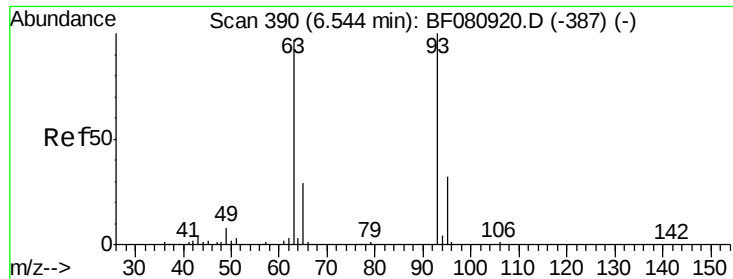
Tot Ion: 77 Resp: 18025
Ion Ratio Lower Upper
77 100
105 96.6 71.6 111.6
106 93.1 65.7 105.7



#10
Phenol
Concen: 18.87 ng
RT: 6.42 min Scan# 379
Delta R.T. -0.03 min
Lab File: BF080952.D
Acq: 10 Aug 2015 15:31

Tgt Ion: 94 Resp: 25094
Ion Ratio Lower Upper
94 100
65 36.1 11.8 51.8
66 48.9 22.9 62.9

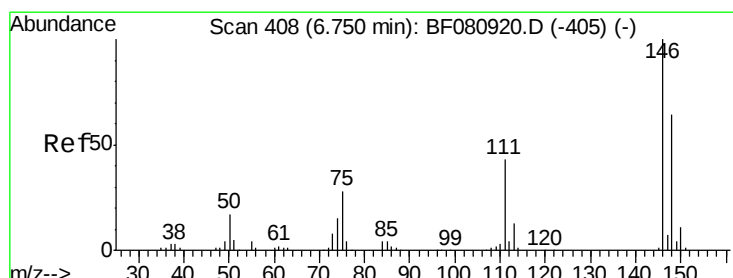
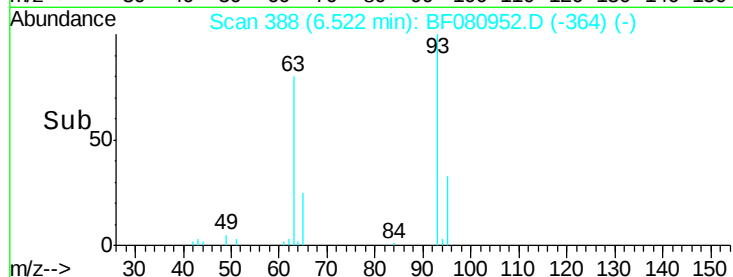
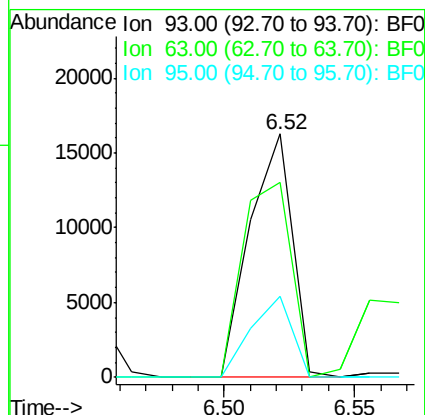
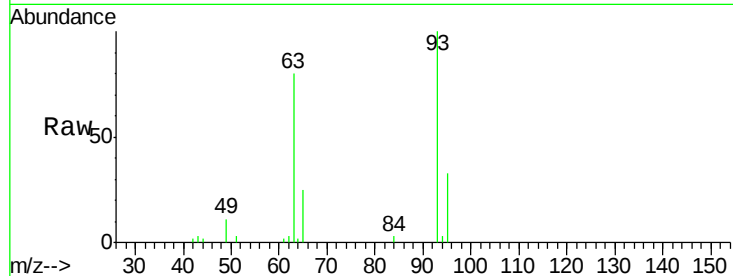




#11
bis(2-Chloroethyl)ether
Concen: 18.79 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.02 min
Lab File: BF080952.D
Acq: 10 Aug 2015 15:31

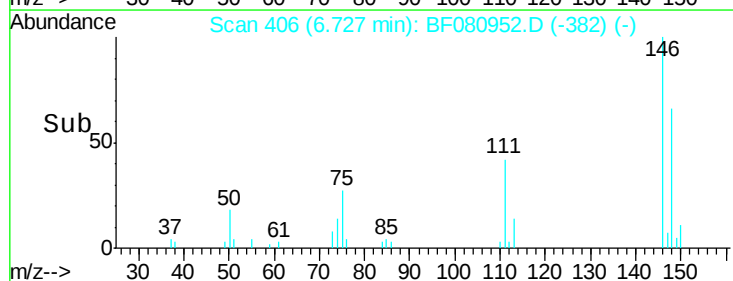
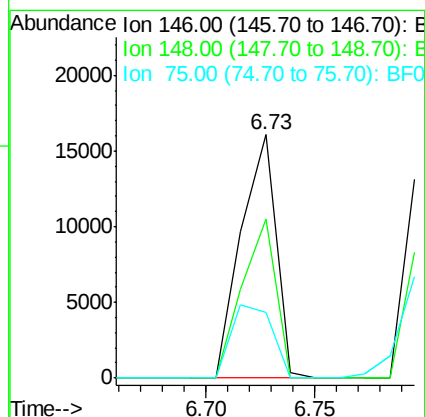
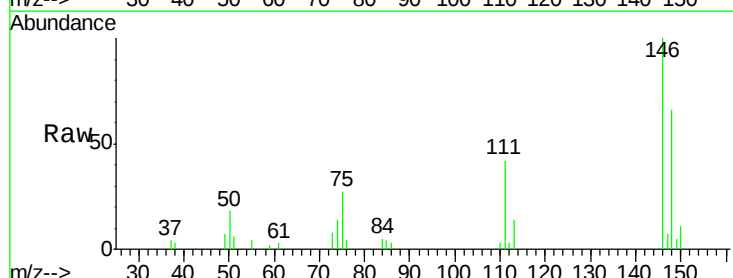
Instrument :
BNA_F
ClientSampleId :
PB84904BS

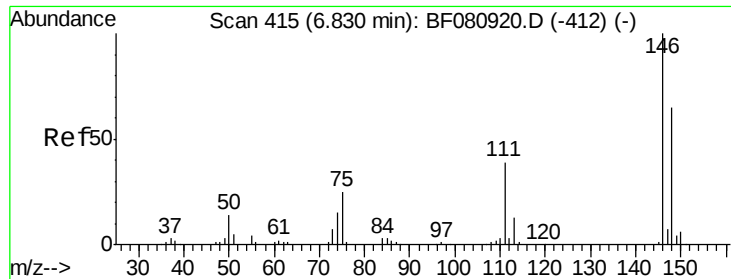
Tot Ion: 93 Resp: 18663
Ion Ratio Lower Upper
93 100
63 80.2 76.7 116.7
95 33.3 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 17.81 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.02 min
Lab File: BF080952.D
Acq: 10 Aug 2015 15:31

Tgt Ion: 146 Resp: 17894
Ion Ratio Lower Upper
146 100
148 65.6 51.4 77.0
75 26.7 22.2 33.4

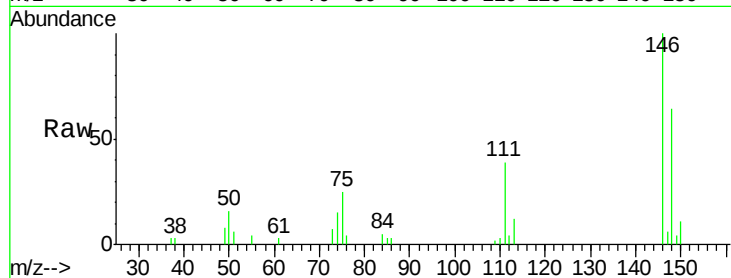




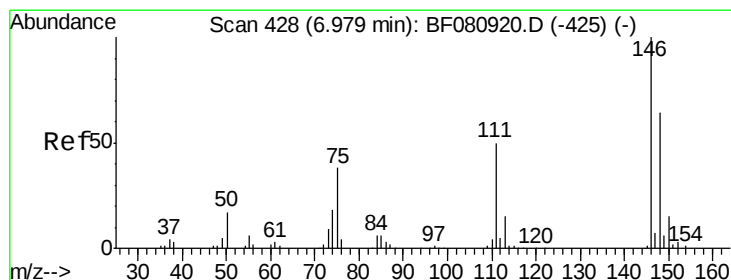
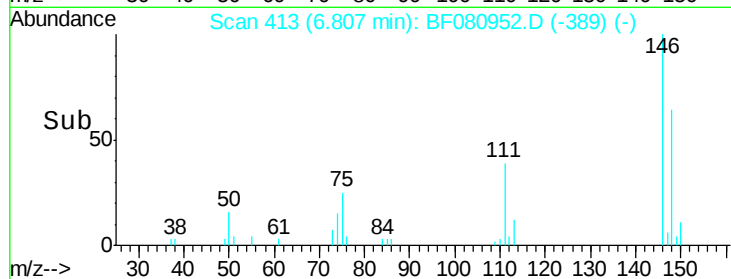
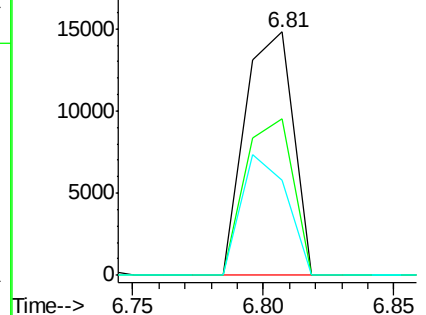
#13
 1,4-Dichlorobenzene
 Concen: 18.33 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.02 min
 Lab File: BF080952.D
 Acq: 10 Aug 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB84904BS

Tot Ion:146 Resp: 19139
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.2 78.4
 111 39.1 31.5 47.3

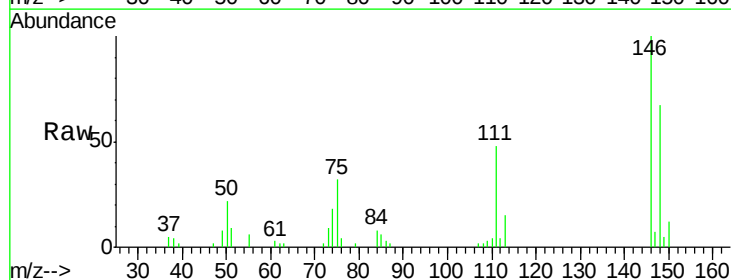


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

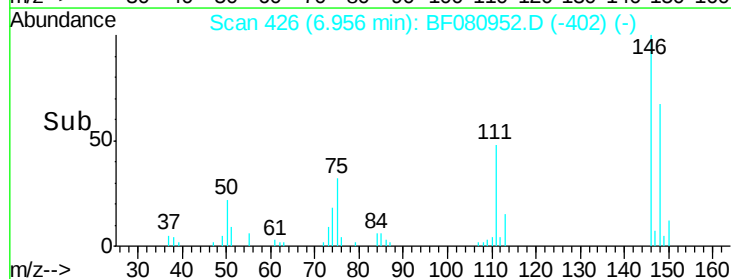
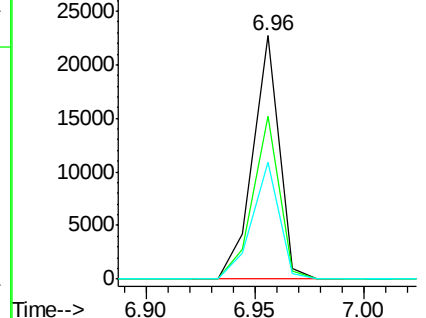


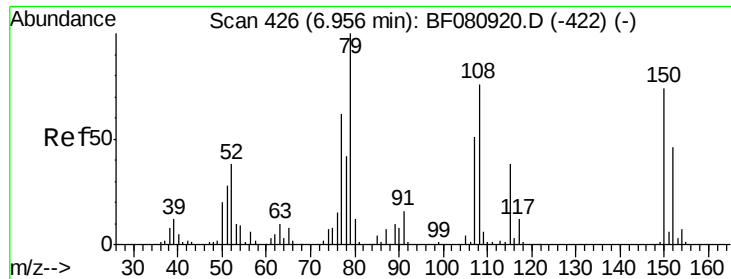
#14
 1,2-Dichlorobenzene
 Concen: 20.30 ng
 RT: 6.96 min Scan# 426
 Delta R.T. -0.02 min
 Lab File: BF080952.D
 Acq: 10 Aug 2015 15:31

Tgt Ion:146 Resp: 19155
 Ion Ratio Lower Upper
 146 100
 148 67.2 51.1 76.7
 111 47.9 40.0 60.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 18.94 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.03 min

Lab File: BF080952.D

Acq: 10 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB84904BS

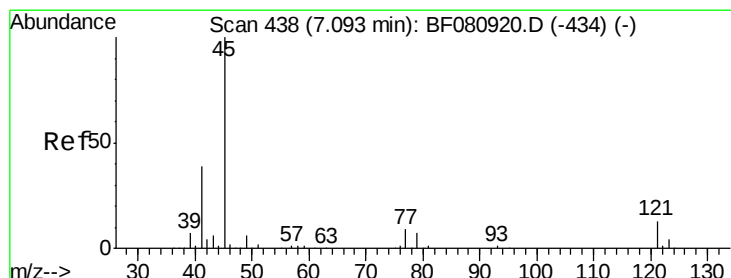
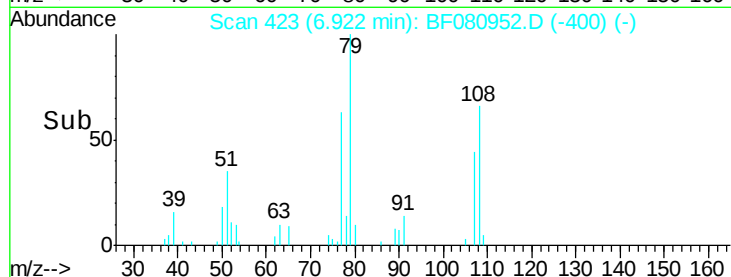
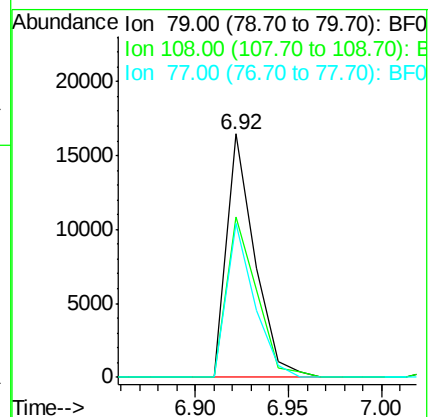
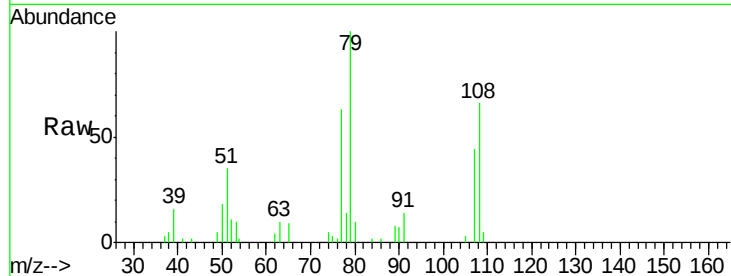
Tot Ion: 79 Resp: 17373

Ion Ratio Lower Upper

79 100

108 65.7 60.9 91.3

77 63.3 49.4 74.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 20.88 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.02 min

Lab File: BF080952.D

Acq: 10 Aug 2015 15:31

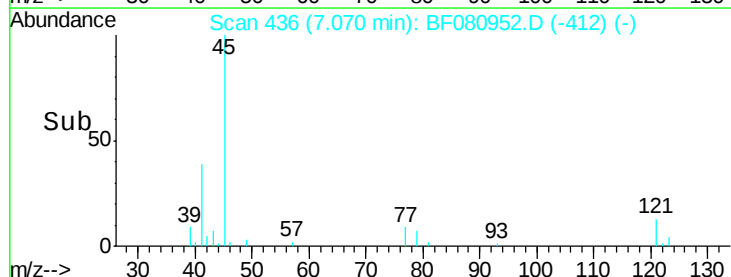
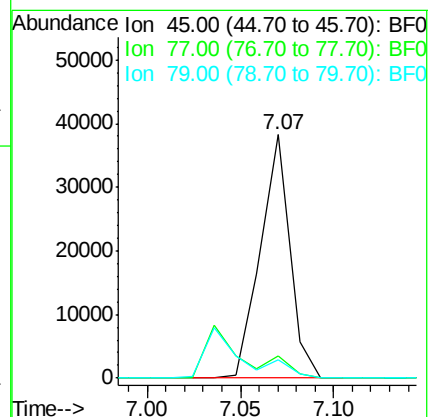
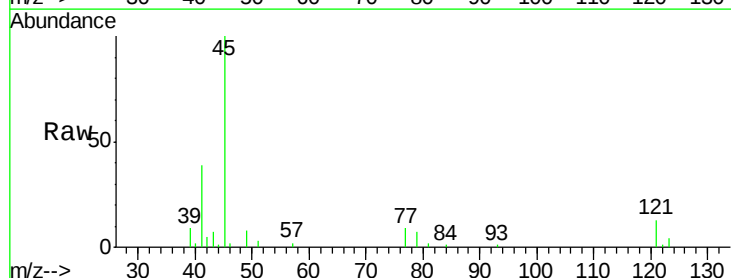
Tgt Ion: 45 Resp: 41727

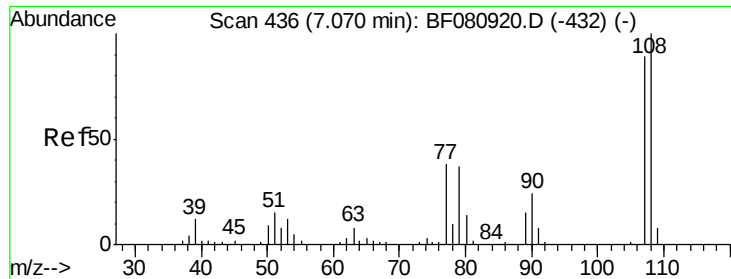
Ion Ratio Lower Upper

45 100

77 9.1 0.0 29.6

79 7.5 0.0 27.7

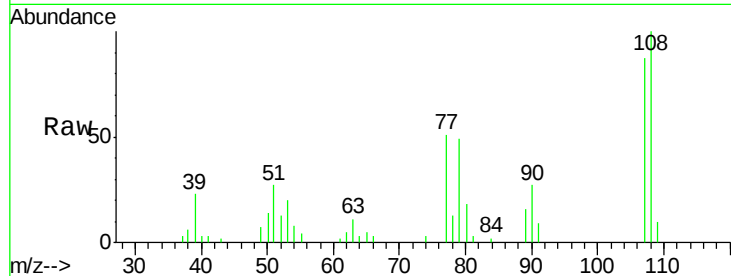




#17
2-Methylphenol
Concen: 18.65 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.03 min
Lab File: BF080952.D
Acq: 10 Aug 2015 15:31

Instrument :
BNA_F
ClientSampleID :
PB84904BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.4	90.3	135.5
77	58.9	34.6	51.8#
79	56.0	33.6	50.4#



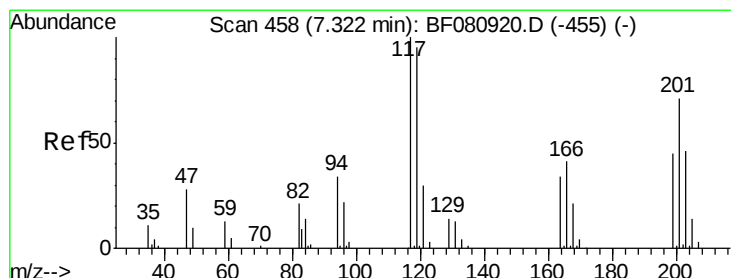
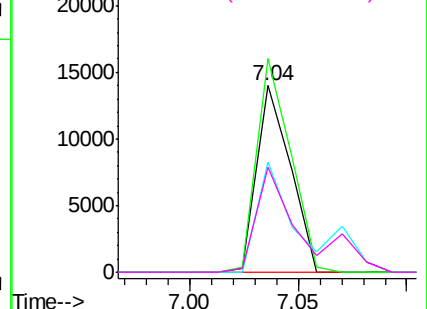
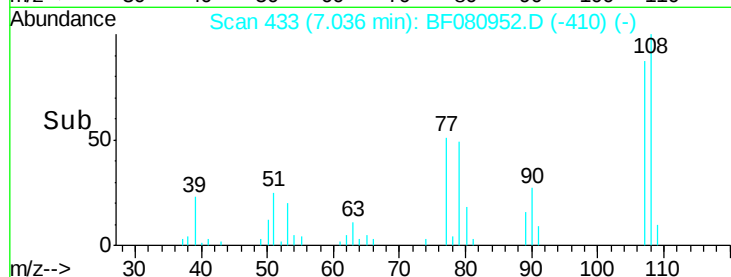
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

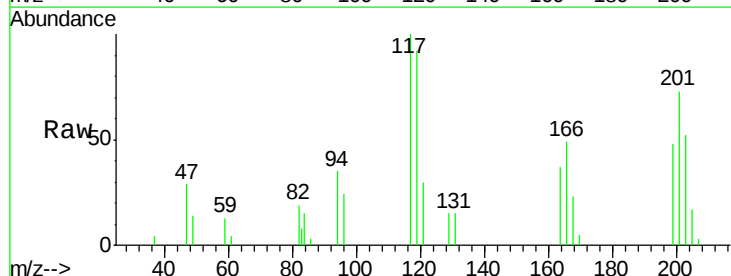
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 23.24 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF080952.D
Acq: 10 Aug 2015 15:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.7	76.3	114.5
201	72.8	57.0	85.6

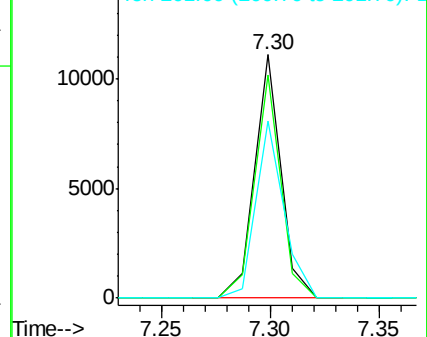
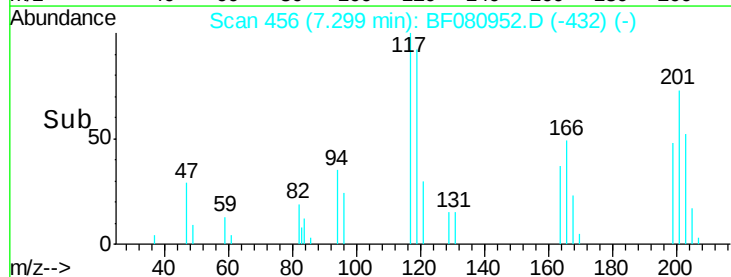


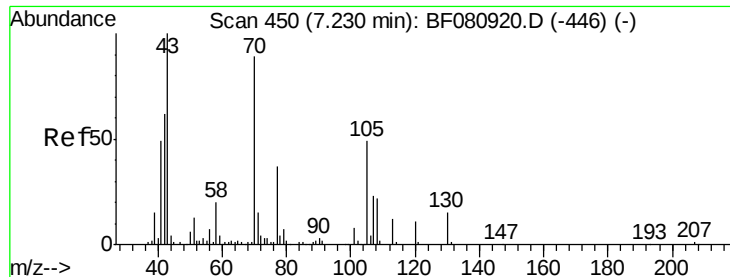
Abundance

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

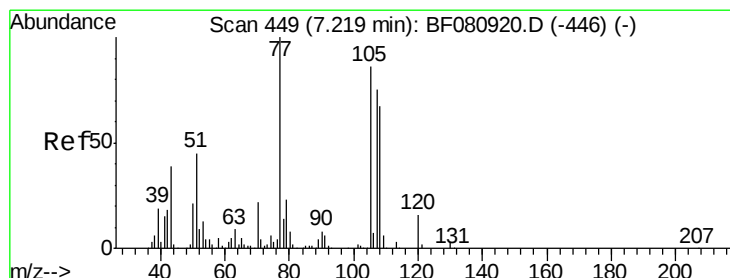
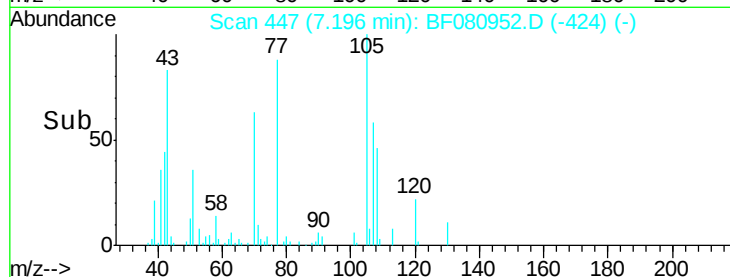
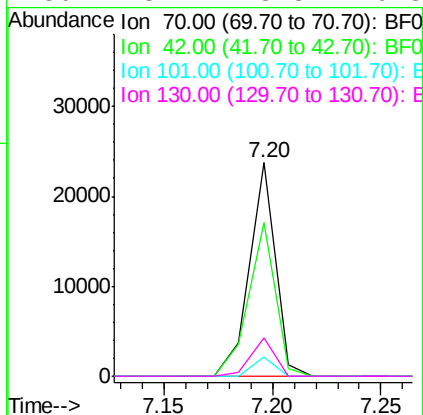
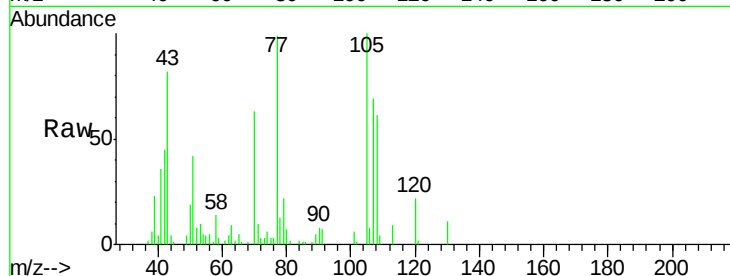




#19
n-Nitroso-di-n-propylamine
Concen: 24.02 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.03 min
Lab File: BF080952.D
Acq: 10 Aug 2015 15:31

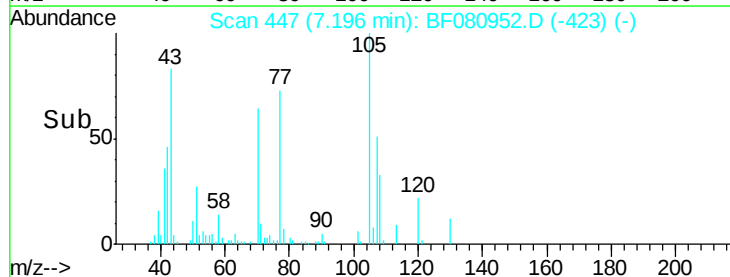
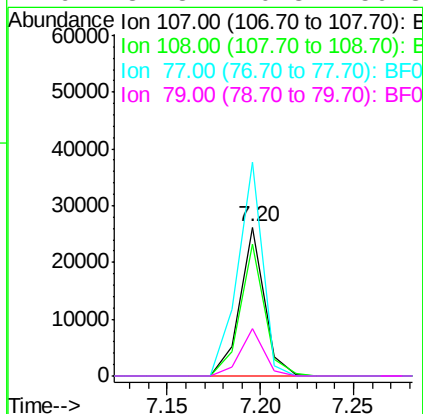
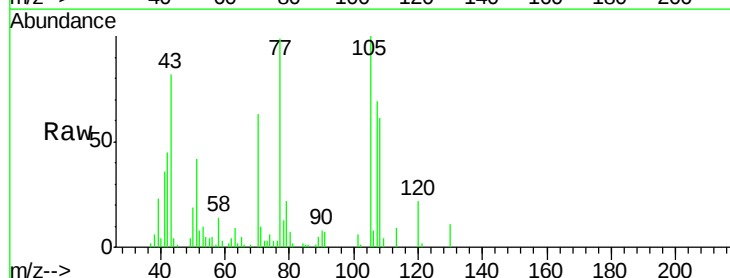
Instrument :
BNA_F
ClientSampleId :
PB84904BS

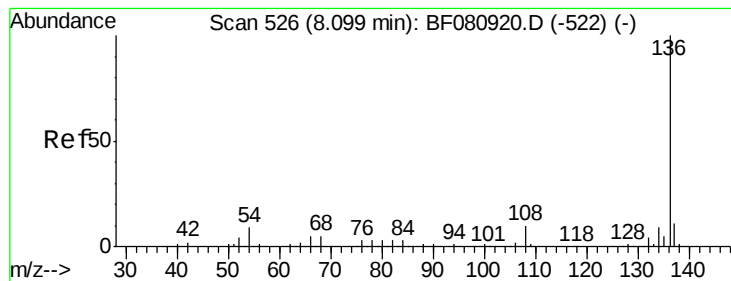
Tot Ion: 70 Resp: 19684
Ion Ratio Lower Upper
70 100
42 72.2 55.7 83.5
101 9.1 7.0 10.6
130 18.2 13.8 20.8



#20
3+4-Methylphenols
Concen: 23.68 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF080952.D
Acq: 10 Aug 2015 15:31

Tgt Ion:107 Resp: 24034
Ion Ratio Lower Upper
107 100
108 88.7 69.2 109.2
77 143.6 113.0 153.0
79 31.8 10.3 50.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.03 min

Lab File: BF080952.D

Acq: 10 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB84904BS

Tot Ion:136 Resp: 51163

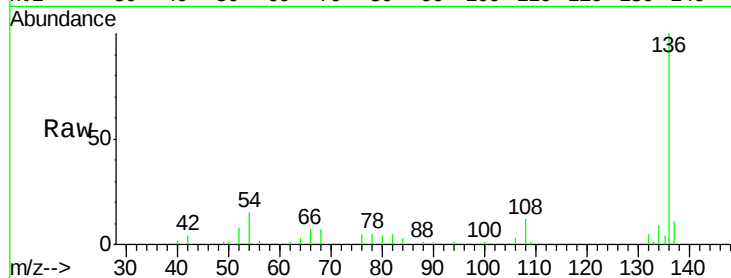
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 15.1 7.1 10.7#

68 6.9 3.8 5.8#

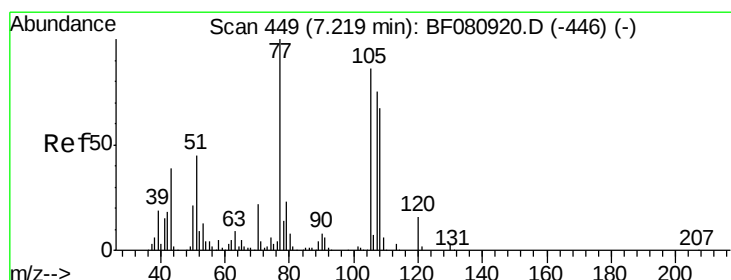
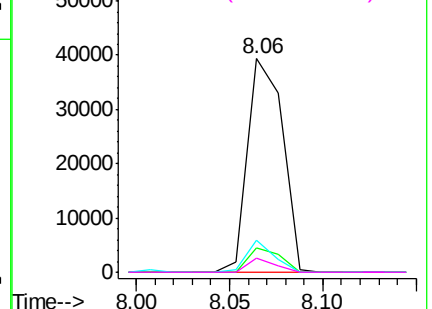
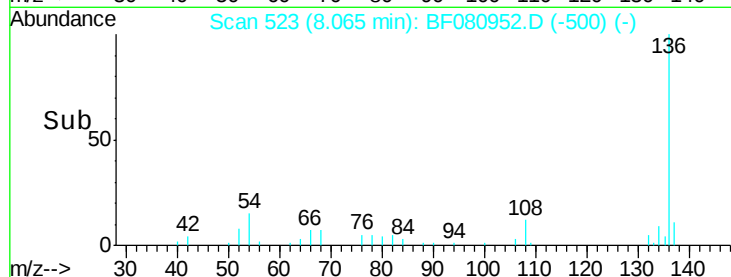


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 27.33 ng

RT: 7.20 min Scan# 447

Delta R.T. -0.02 min

Lab File: BF080952.D

Acq: 10 Aug 2015 15:31

Tgt Ion:105 Resp: 34258

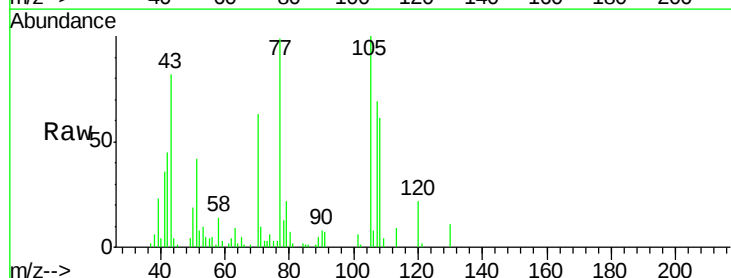
Ion Ratio Lower Upper

105 100

71 9.8 3.3 4.9#

51 41.9 41.8 62.6

120 21.7 15.1 22.7

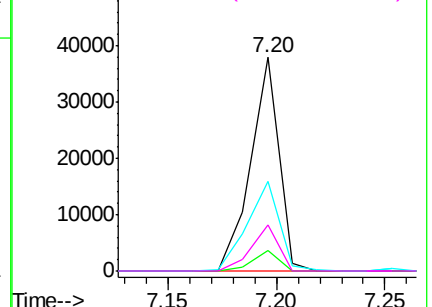
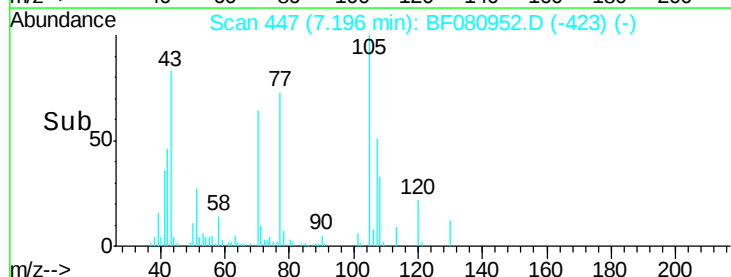


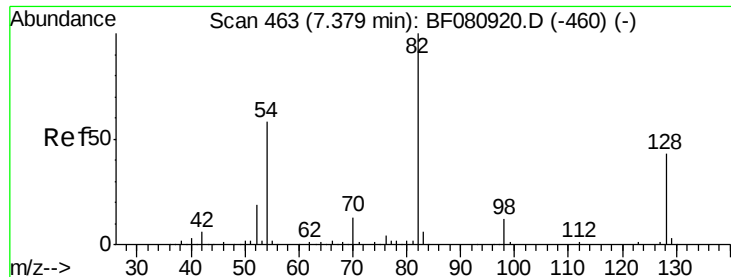
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 25.29 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.03 min

Lab File: BF080952.D

Acq: 10 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB84904BS

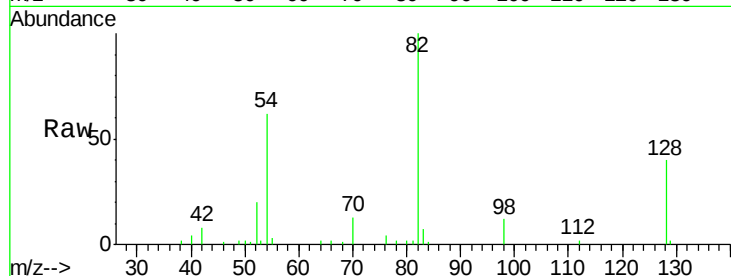
Tot Ion: 82 Resp: 27352

Ion Ratio Lower Upper

82 100

128 39.9 34.1 51.1

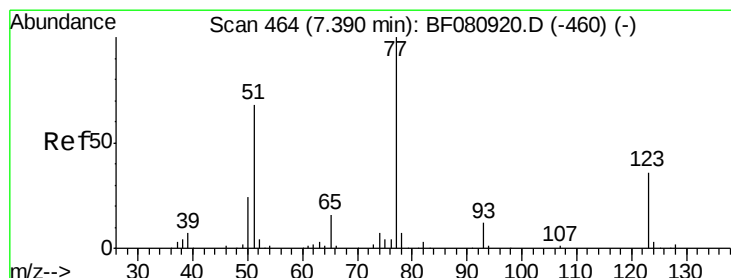
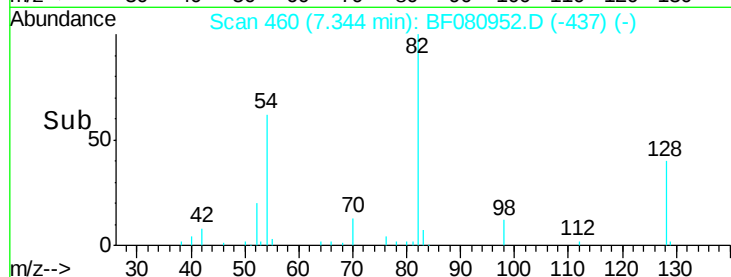
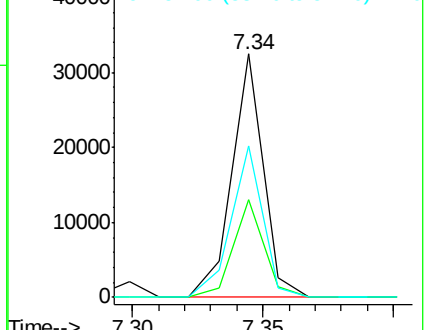
54 62.2 46.5 69.7



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: 22.61 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.02 min

Lab File: BF080952.D

Acq: 10 Aug 2015 15:31

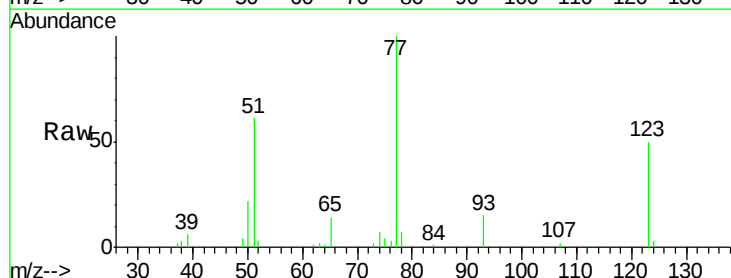
Tgt Ion: 77 Resp: 25178

Ion Ratio Lower Upper

77 100

123 50.0 28.7 43.1#

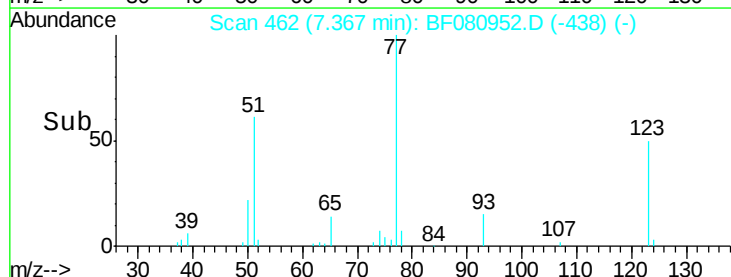
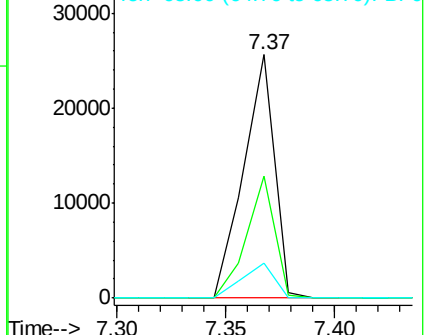
65 14.1 12.5 18.7

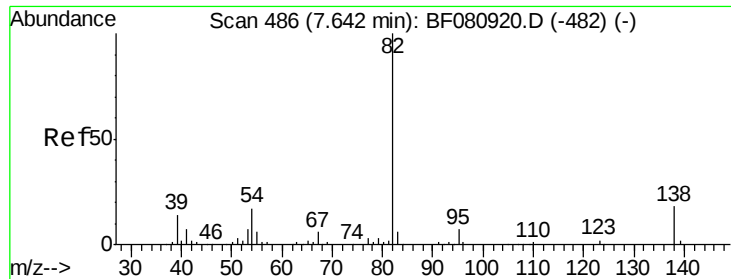


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 23.16 ng

RT: 7.61 min Scan# 483

Delta R.T. -0.03 min

Lab File: BF080952.D

Acq: 10 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB84904BS

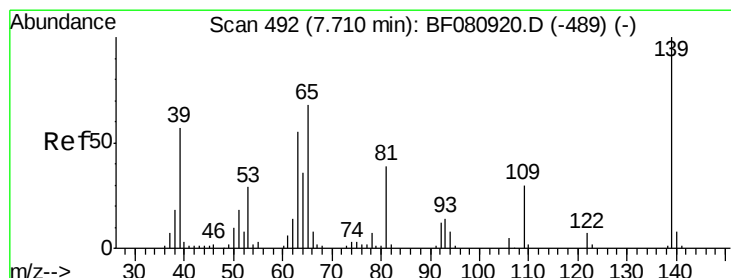
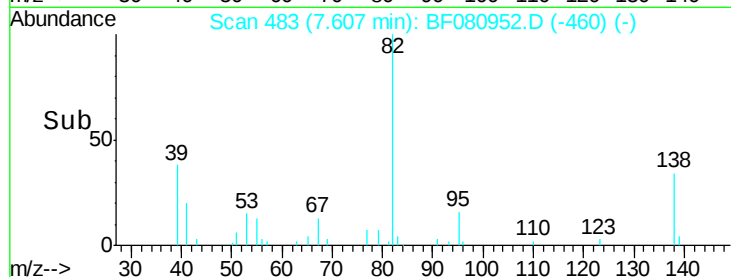
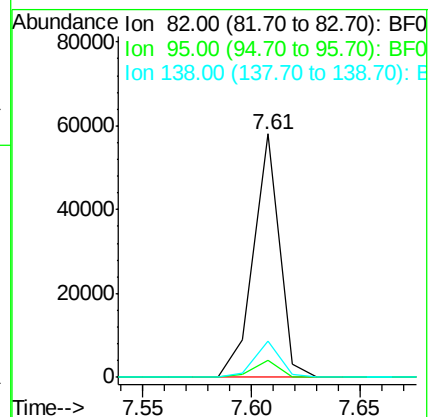
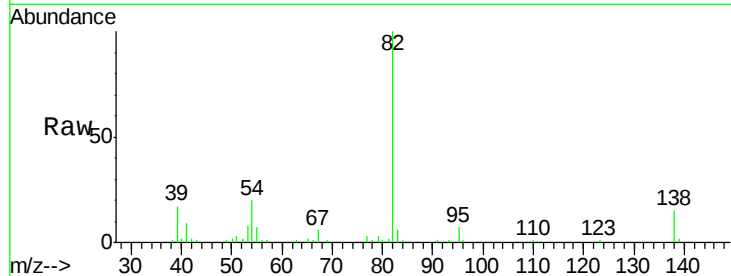
Tot Ion: 82 Resp: 48175

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.6

138 15.0 14.1 21.1



#26

2-Nitrophenol

Concen: 22.35 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.02 min

Lab File: BF080952.D

Acq: 10 Aug 2015 15:31

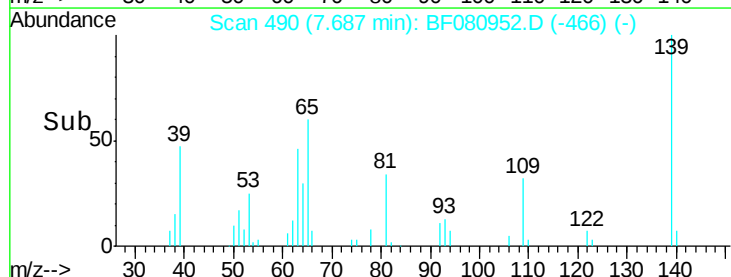
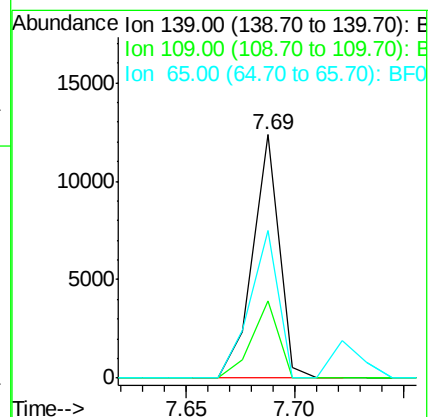
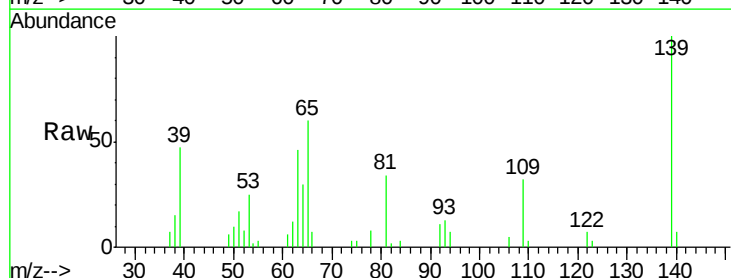
Tgt Ion: 139 Resp: 10472

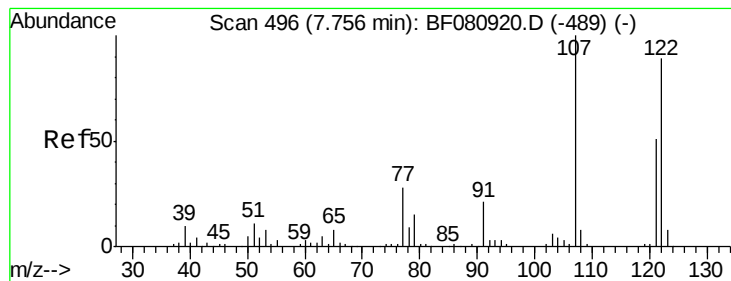
Ion Ratio Lower Upper

139 100

109 31.6 24.1 36.1

65 60.4 54.0 81.0

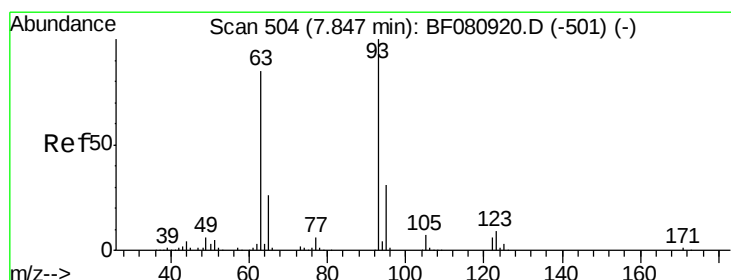
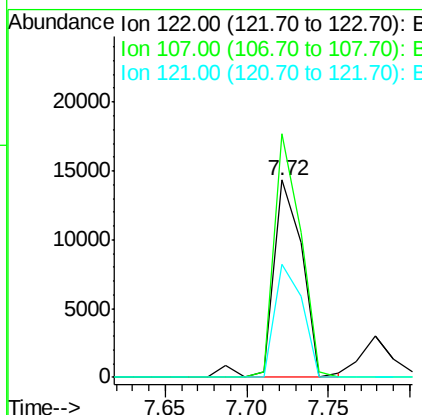
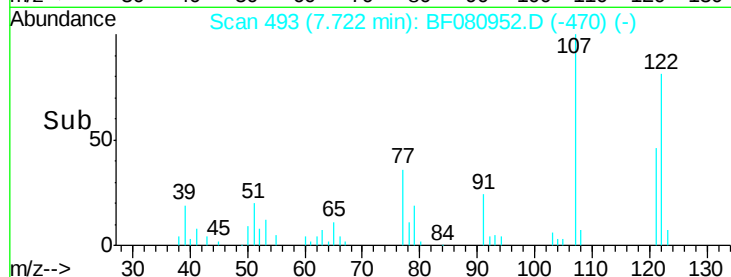
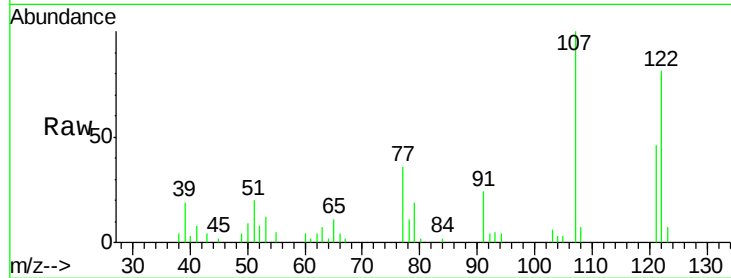




#27
 2,4-Dimethylphenol
 Concen: 20.09 ng
 RT: 7.72 min Scan# 493
 Delta R.T. -0.03 min
 Lab File: BF080952.D
 Acq: 10 Aug 2015 15:31

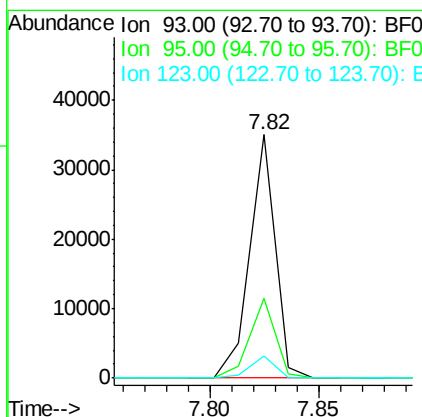
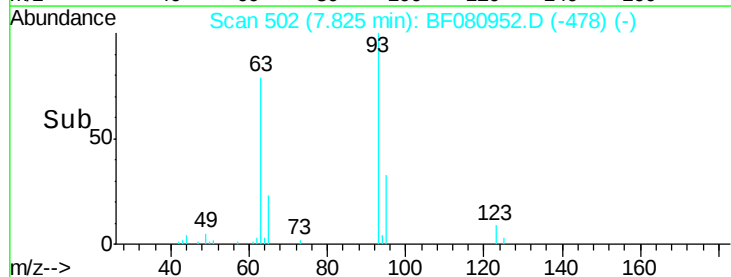
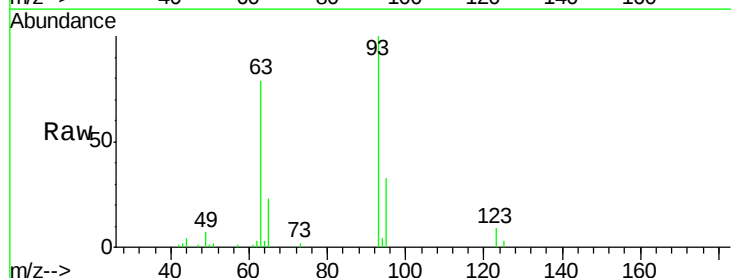
Instrument :
 BNA_F
 ClientSampleId :
 PB84904BS

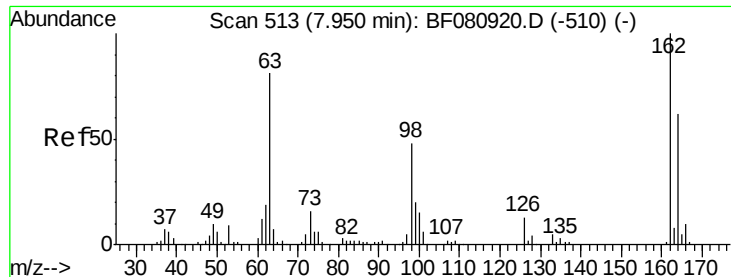
Tot Ion:122 Resp: 17629
 Ion Ratio Lower Upper
 122 100
 107 123.6 90.2 135.4
 121 57.3 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 22.87 ng
 RT: 7.82 min Scan# 502
 Delta R.T. -0.02 min
 Lab File: BF080952.D
 Acq: 10 Aug 2015 15:31

Tgt Ion: 93 Resp: 28559
 Ion Ratio Lower Upper
 93 100
 95 32.9 25.0 37.4
 123 9.3 7.4 11.0

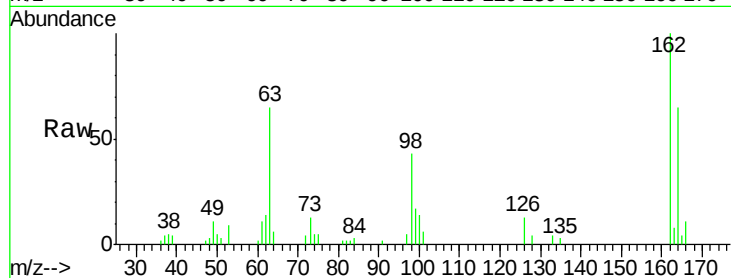




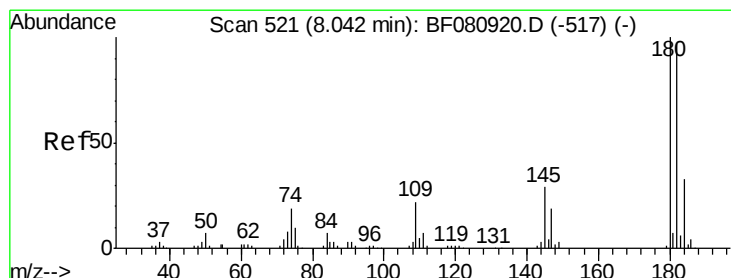
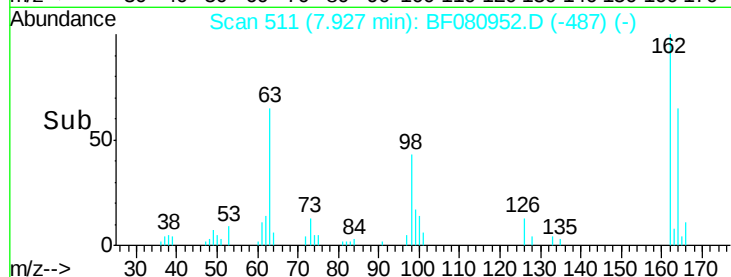
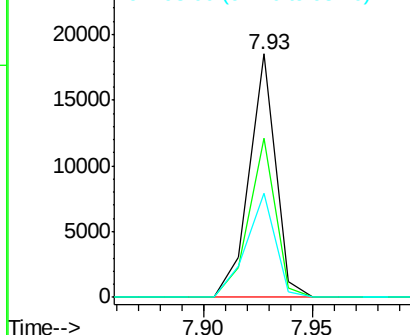
#29
 2,4-Dichlorophenol
 Concen: 21.71 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.02 min
 Lab File: BF080952.D
 Acq: 10 Aug 2015 15:31

Instrument :
 BNA_F
 ClientSampleID :
 PB84904BS

Tot Ion:162 Resp: 15654
 Ion Ratio Lower Upper
 162 100
 164 65.2 42.3 82.3
 98 42.8 27.7 67.7

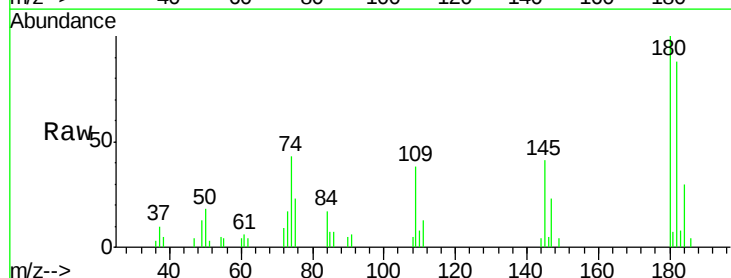


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

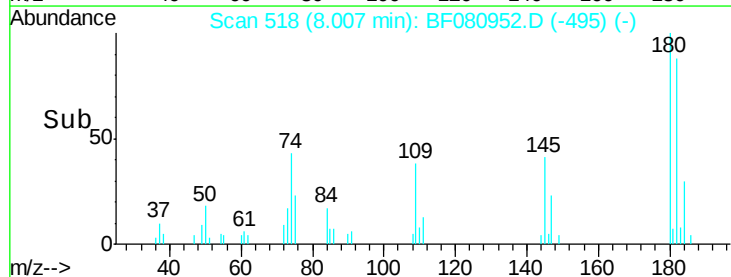
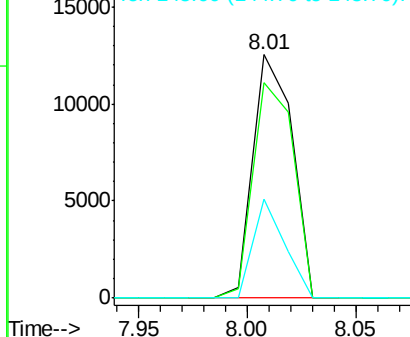


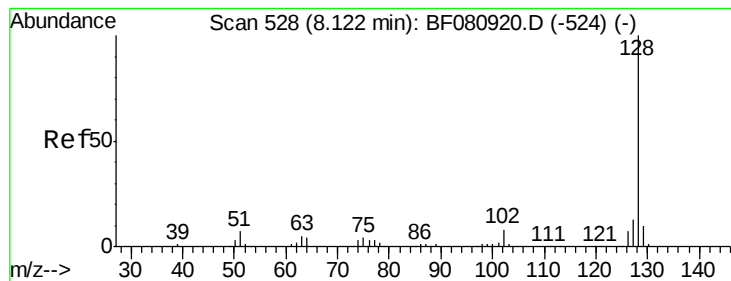
#30
 1,2,4-Trichlorobenzene
 Concen: 20.10 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.03 min
 Lab File: BF080952.D
 Acq: 10 Aug 2015 15:31

Tgt Ion:180 Resp: 15839
 Ion Ratio Lower Upper
 180 100
 182 88.5 77.4 116.0
 145 40.7 23.2 34.8#



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





#31

Naphthalene

Concen: 20.23 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.03 min

Lab File: BF080952.D

Acq: 10 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB84904BS

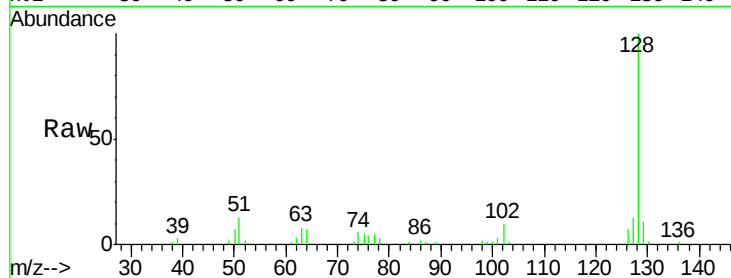
Tot Ion:128 Resp: 57061

Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

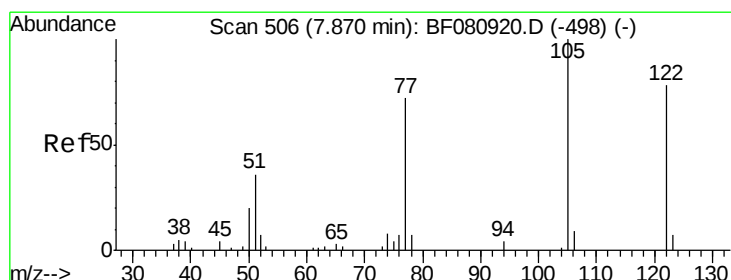
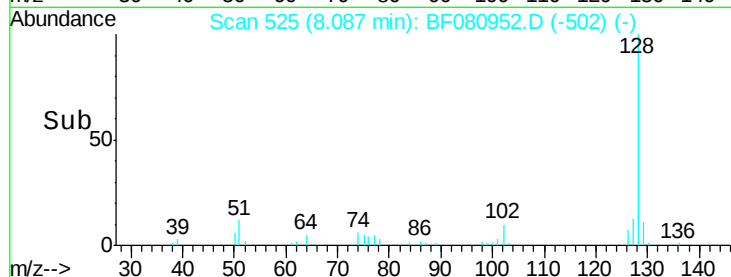
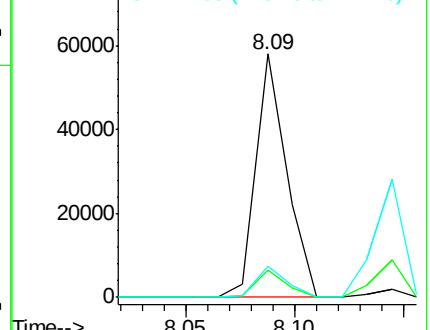
127 12.9 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 8.17 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.09 min

Lab File: BF080952.D

Acq: 10 Aug 2015 15:31

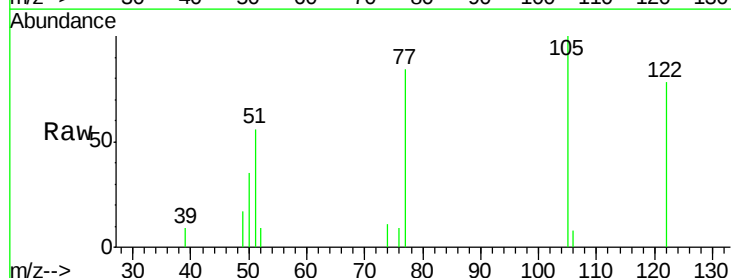
Tgt Ion:122 Resp: 4292

Ion Ratio Lower Upper

122 100

105 128.7 103.6 143.6

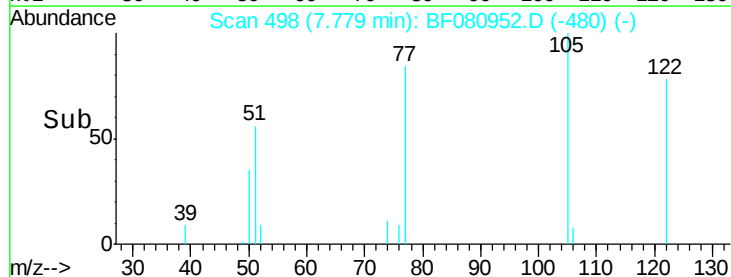
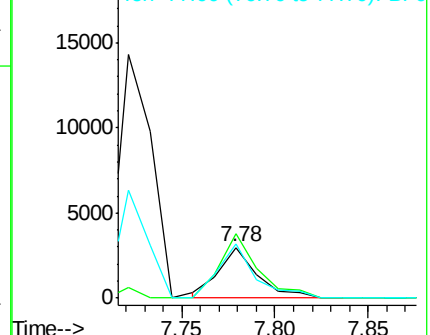
77 107.8 70.4 110.4

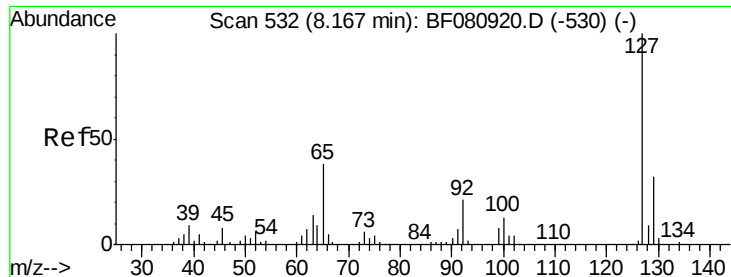


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

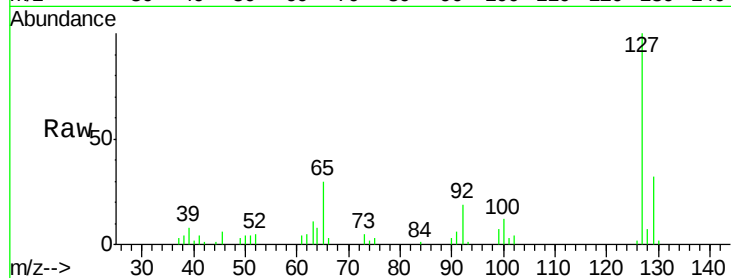




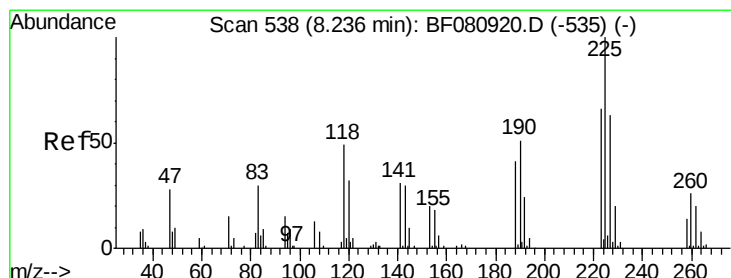
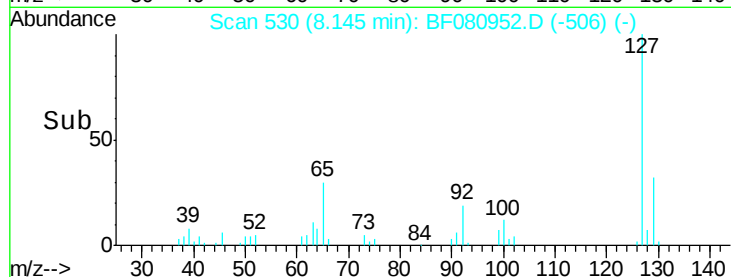
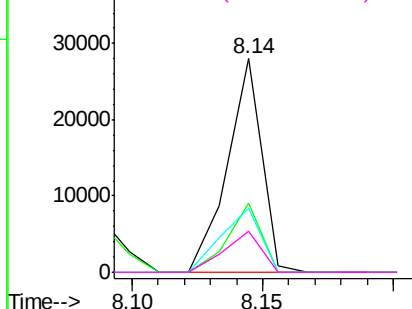
#33
4-Chloroaniline
Concen: 22.55 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF080952.D
Acq: 10 Aug 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB84904BS

Tot Ion:127	Resp:	25843
Ion Ratio	Lower	Upper
127	100	
129	32.4	25.9 38.9
65	29.9	30.6 45.8#
92	18.9	16.9 25.3

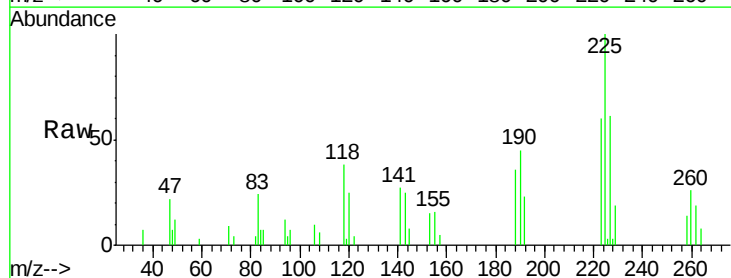


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

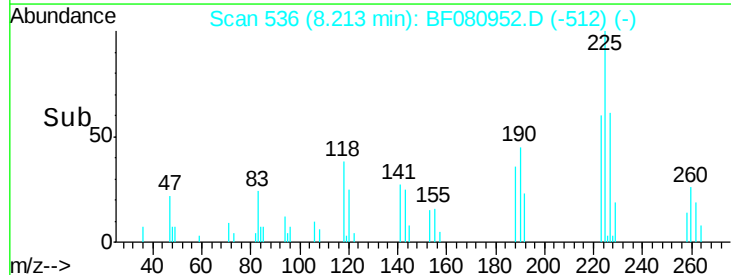
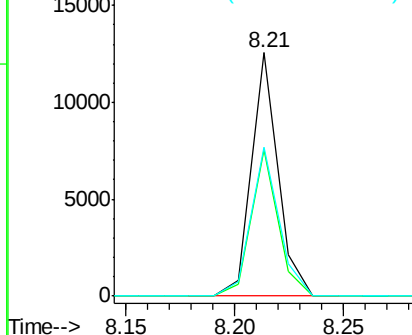


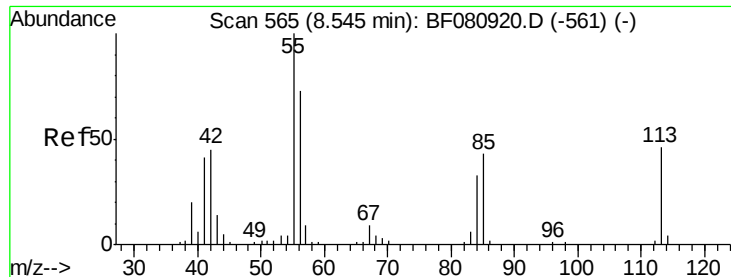
#34
Hexachlorobutadiene
Concen: 22.73 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF080952.D
Acq: 10 Aug 2015 15:31

Tgt Ion:225	Resp:	10659
Ion Ratio	Lower	Upper
225	100	
223	60.2	52.5 78.7
227	61.4	50.3 75.5



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: 20.82 ng

RT: 8.48 min Scan# 559

Delta R.T. -0.07 min

Lab File: BF080952.D

Acq: 10 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB84904BS

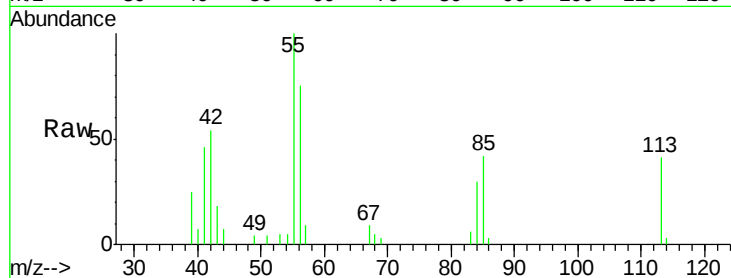
Tot Ion:113 Resp: 5399

Ion Ratio Lower Upper

113 100

55 244.6 196.4 236.4#

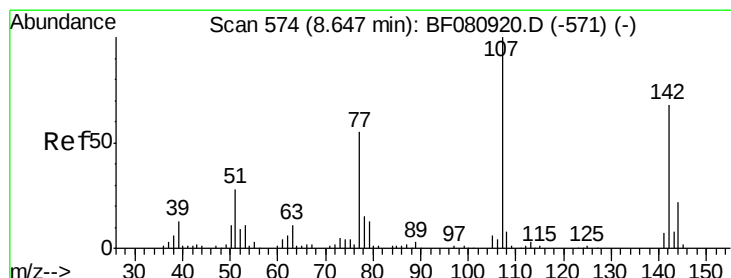
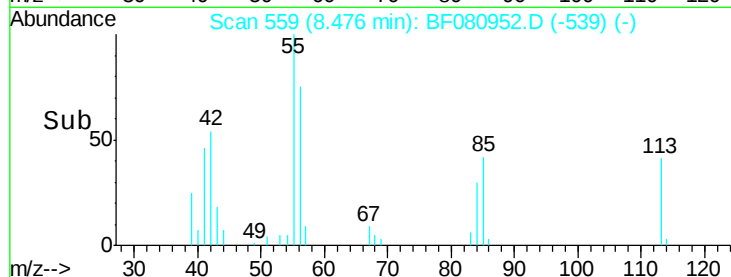
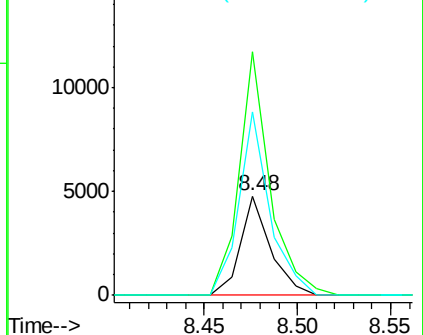
56 184.0 137.9 177.9#



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: 19.92 ng

RT: 8.62 min Scan# 572

Delta R.T. -0.02 min

Lab File: BF080952.D

Acq: 10 Aug 2015 15:31

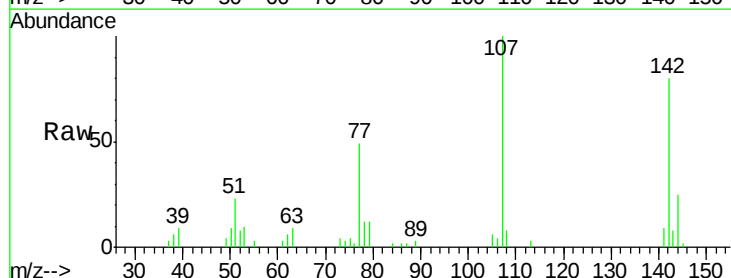
Tgt Ion:107 Resp: 17525

Ion Ratio Lower Upper

107 100

144 25.0 17.3 25.9

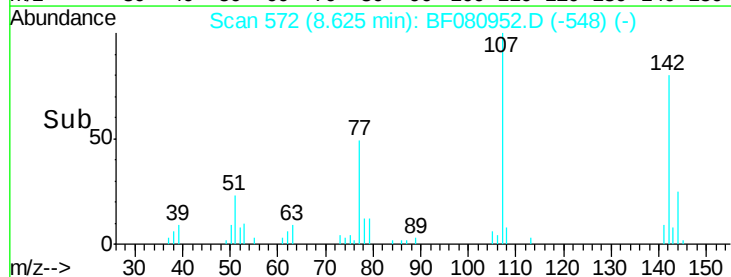
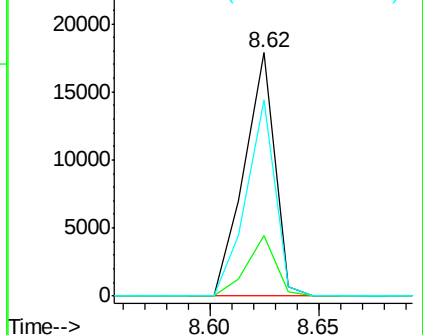
142 80.5 54.4 81.6

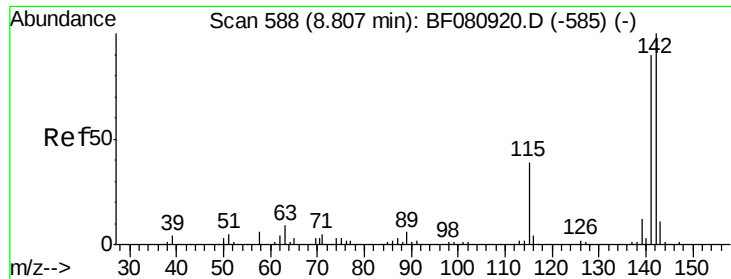


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

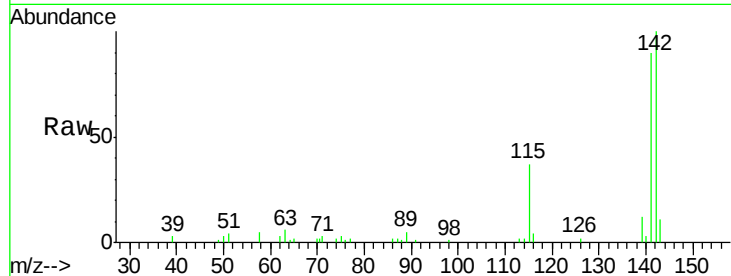




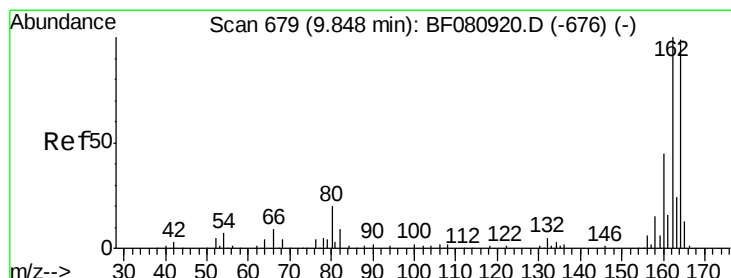
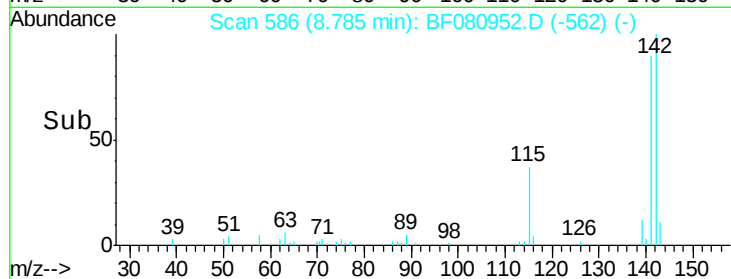
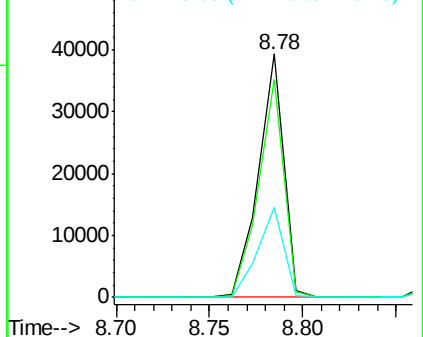
#37
 2-Methylnaphthalene
 Concen: 20.54 ng
 RT: 8.78 min Scan# 586
 Delta R.T. -0.02 min
 Lab File: BF080952.D
 Acq: 10 Aug 2015 15:31

Instrument :
 BNA_F
 ClientSampleID :
 PB84904BS

Tot Ion:142 Resp: 36880
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.7 107.5
 115 37.0 30.9 46.3

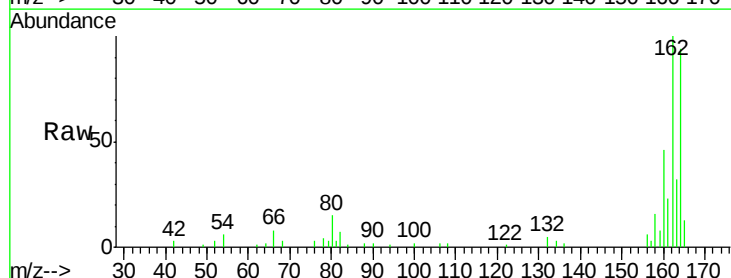


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

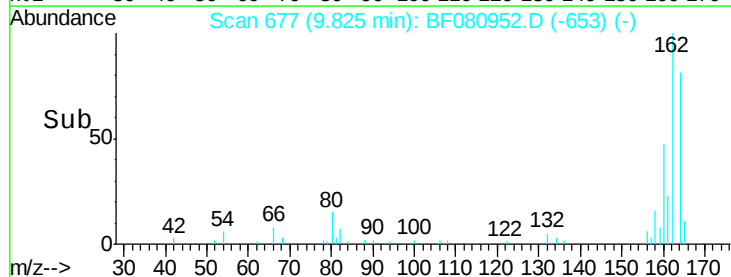
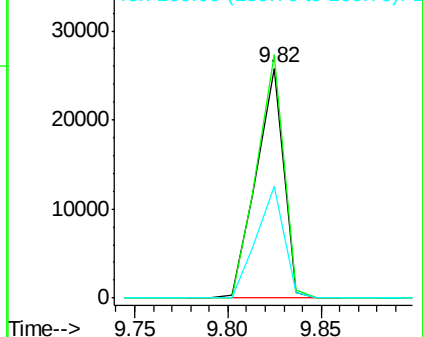


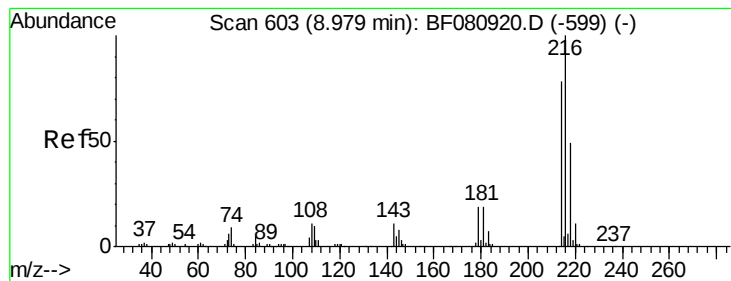
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.02 min
 Lab File: BF080952.D
 Acq: 10 Aug 2015 15:31

Tgt Ion:164 Resp: 26365
 Ion Ratio Lower Upper
 164 100
 162 105.9 80.5 120.7
 160 48.9 36.6 54.8



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.24 ng

RT: 8.94 min Scan# 600

Delta R.T. -0.03 min

Lab File: BF080952.D

Acq: 10 Aug 2015 15:31

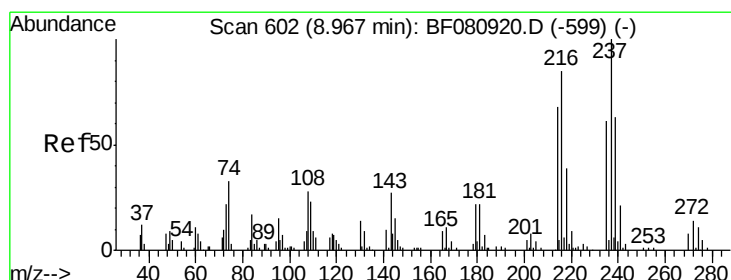
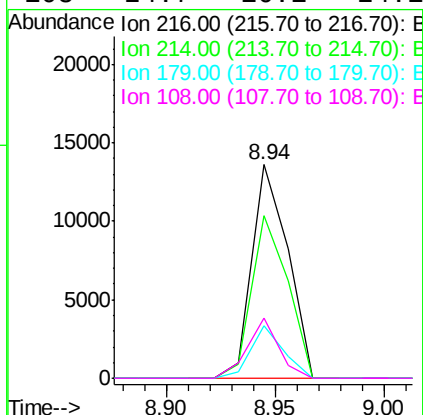
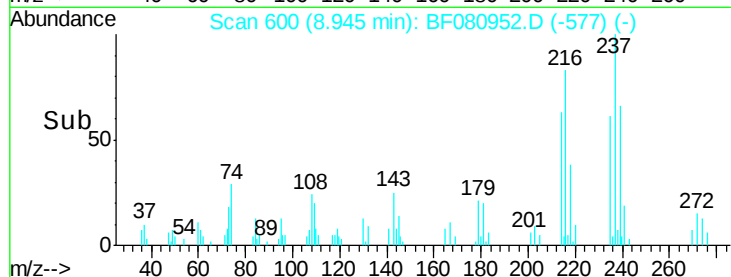
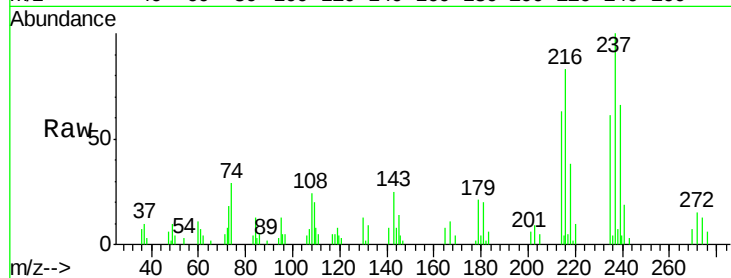
Instrument :

BNA_F

ClientSampleId :

PB84904BS

Tot Ion:216	Resp:	15638
Ion Ratio	Lower	Upper
216	100	
214	76.6	63.0 94.4
179	22.6	17.2 25.8
108	24.7	16.1 24.1#



#40

Hexachlorocyclopentadiene

Concen: 44.23 ng

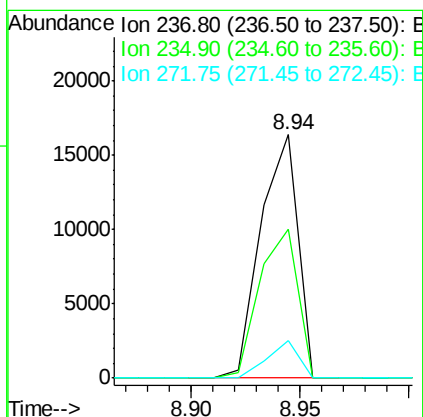
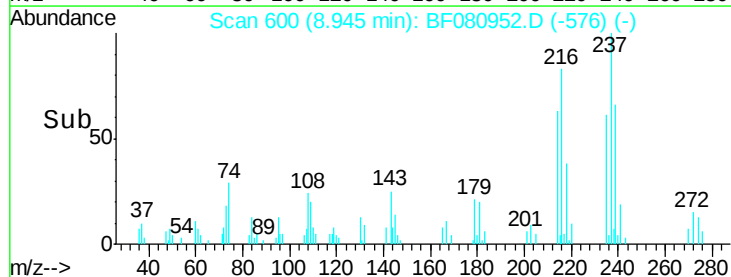
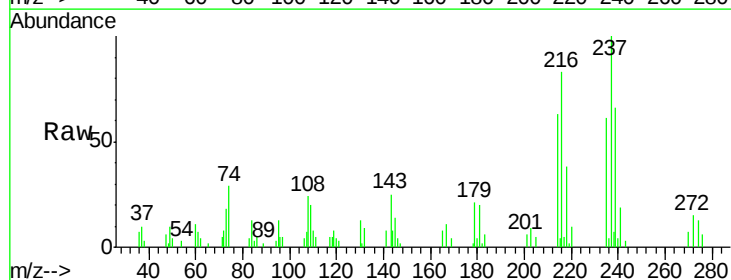
RT: 8.94 min Scan# 600

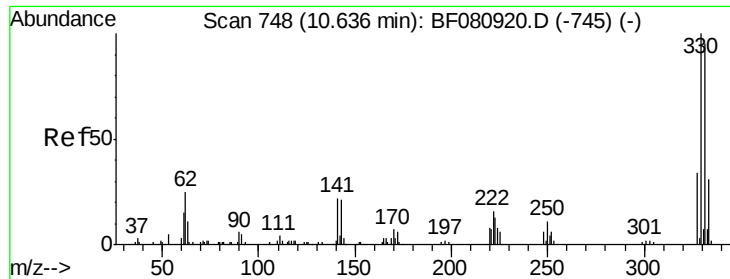
Delta R.T. -0.02 min

Lab File: BF080952.D

Acq: 10 Aug 2015 15:31

Tgt Ion:237	Resp:	19618
Ion Ratio	Lower	Upper
237	100	
235	61.3	41.3 81.3
272	15.3	0.0 33.6

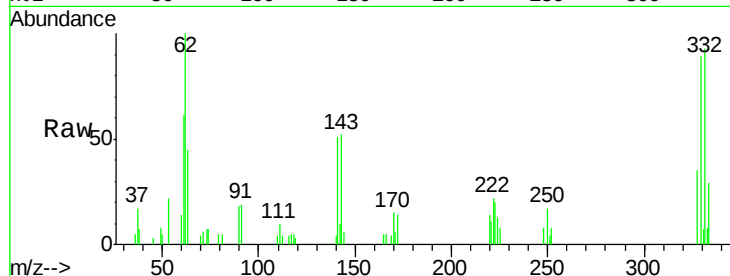




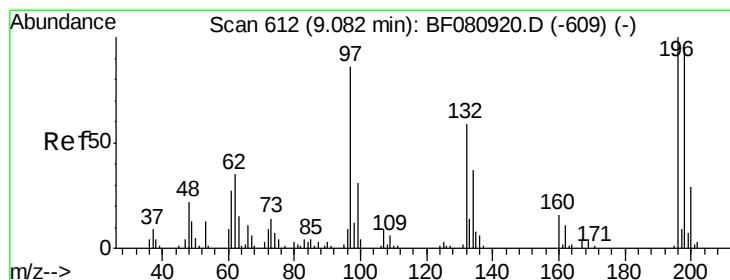
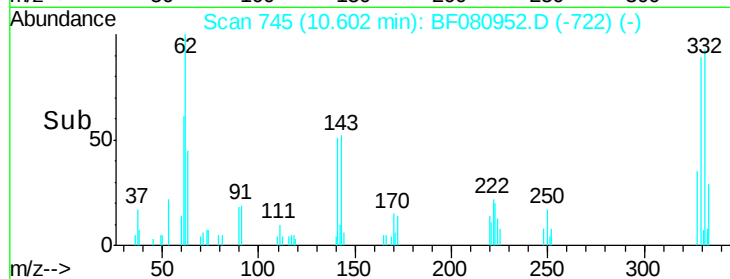
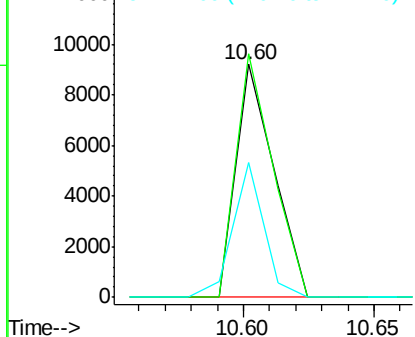
#41
 2,4,6-Tribromophenol
 Concen: 32.27 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.03 min
 Lab File: BF080952.D
 Acq: 10 Aug 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB84904BS

Tot Ion:330 Resp: 9347
 Ion Ratio Lower Upper
 330 100
 332 101.8 76.2 114.4
 141 47.7 27.8 41.8#

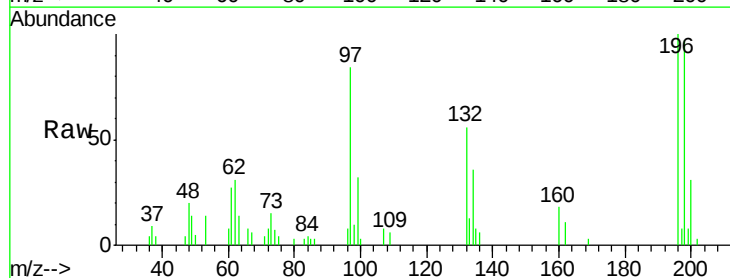


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

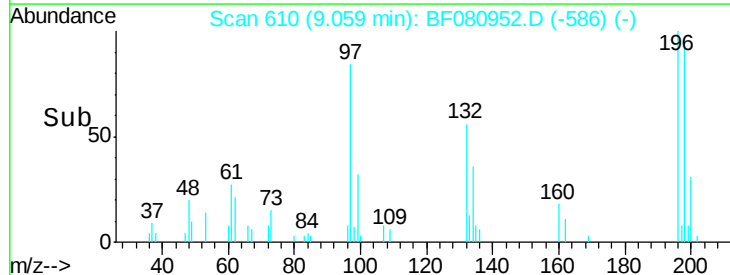
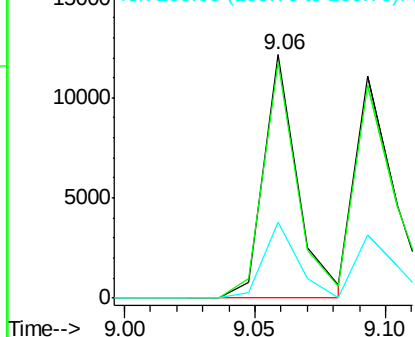


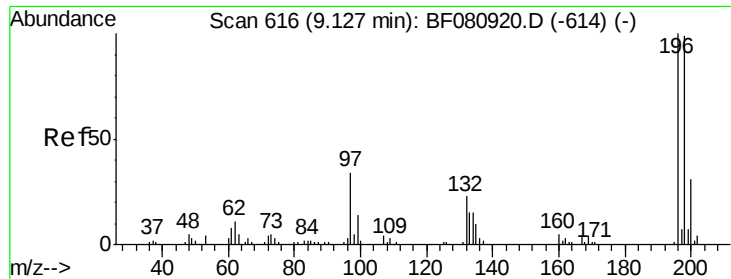
#42
 2,4,6-Trichlorophenol
 Concen: 18.54 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF080952.D
 Acq: 10 Aug 2015 15:31

Tgt Ion:196 Resp: 11043
 Ion Ratio Lower Upper
 196 100
 198 97.1 75.9 113.9
 200 31.3 23.1 34.7



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

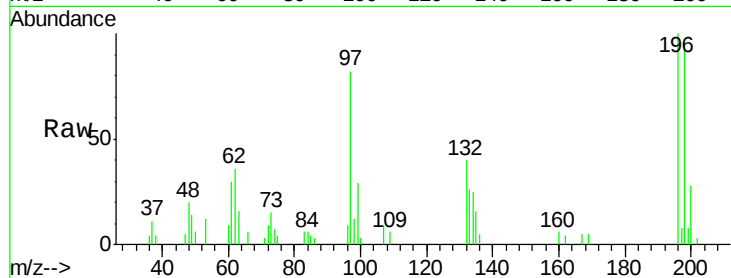




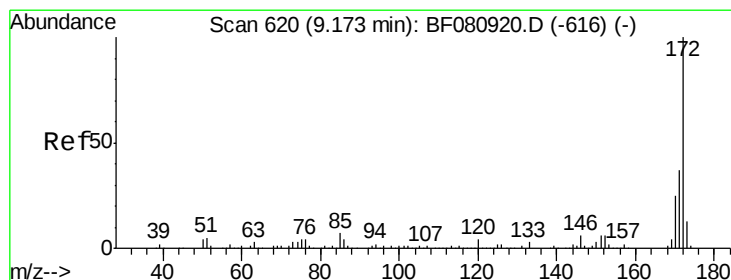
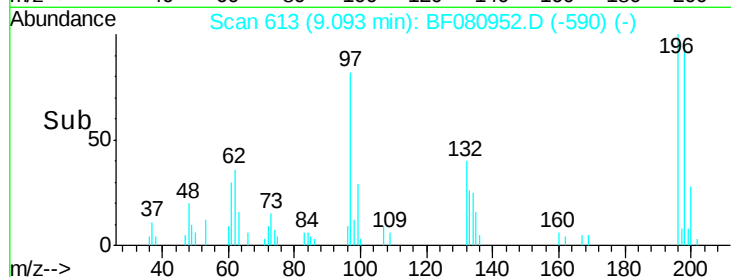
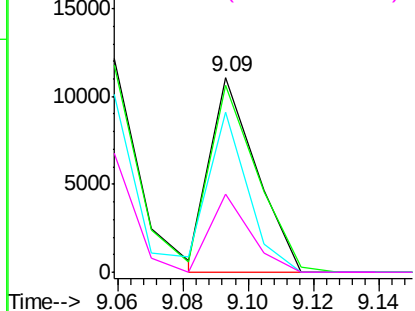
#43
 2,4,5-Trichlorophenol
 Concen: 18.00 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.03 min
 Lab File: BF080952.D
 Acq: 10 Aug 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB84904BS

Tot Ion:196 Resp: 10805
 Ion Ratio Lower Upper
 196 100
 198 95.6 78.9 118.3
 97 81.7 29.1 43.7#
 132 40.2 19.1 28.7#

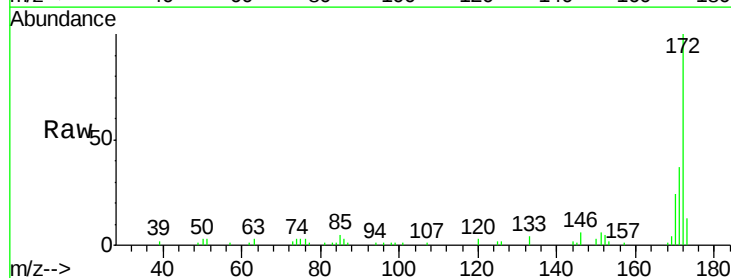


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

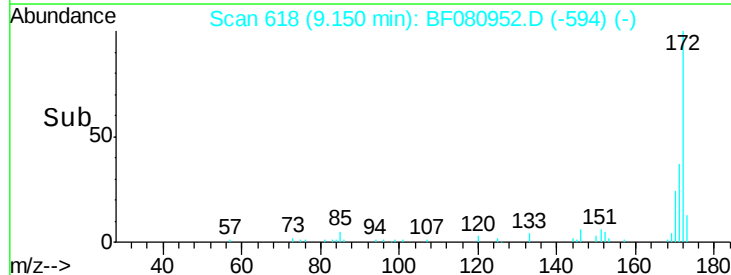
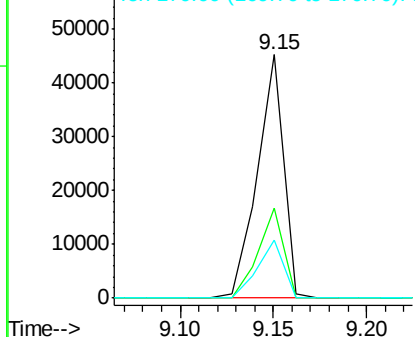


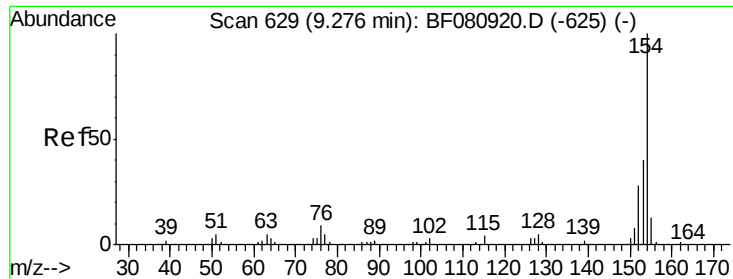
#44
 2-Fluorobiphenyl
 Concen: 23.35 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF080952.D
 Acq: 10 Aug 2015 15:31

Tgt Ion:172 Resp: 43733
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 24.0 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

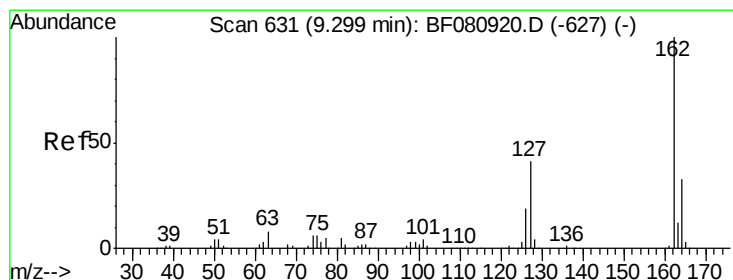
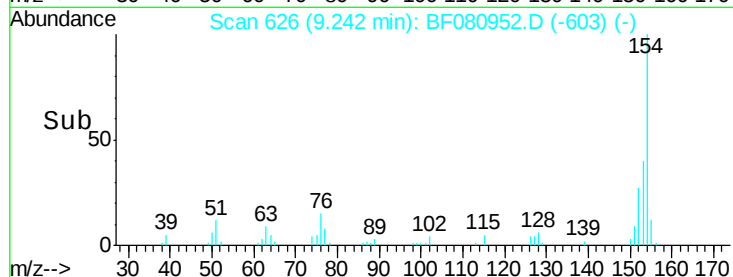
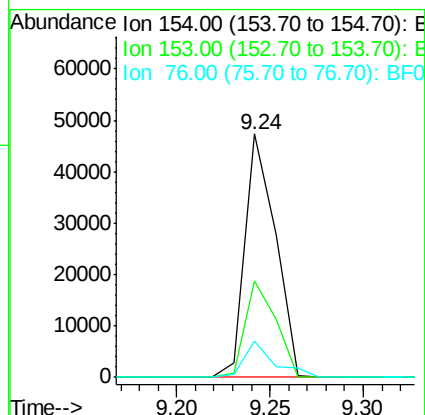
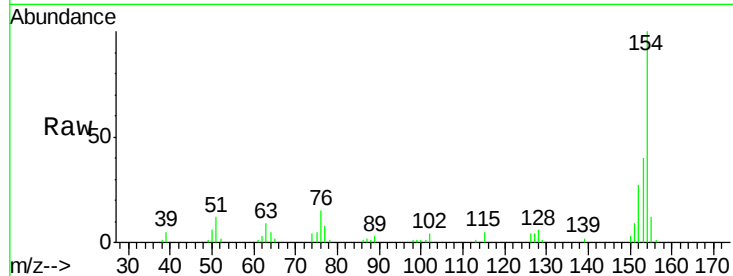




#45
 1,1'-Biphenyl
 Concen: 23.69 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.03 min
 Lab File: BF080952.D
 Acq: 10 Aug 2015 15:31

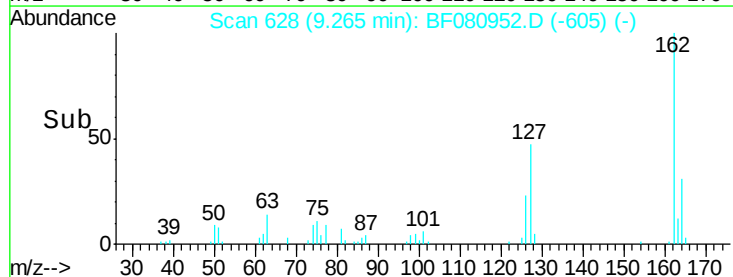
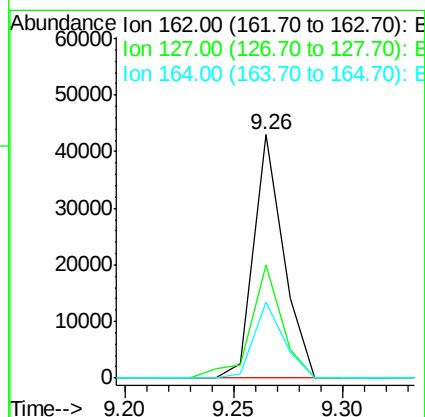
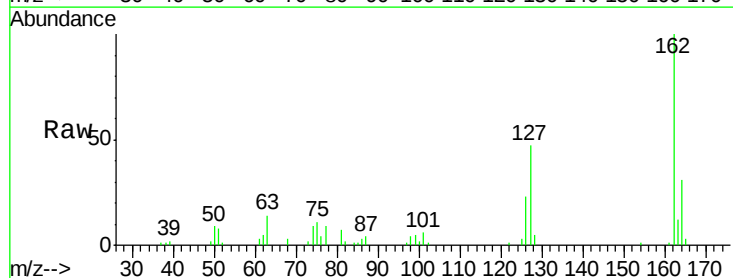
Instrument :
 BNA_F
 ClientSampleId :
 PB84904BS

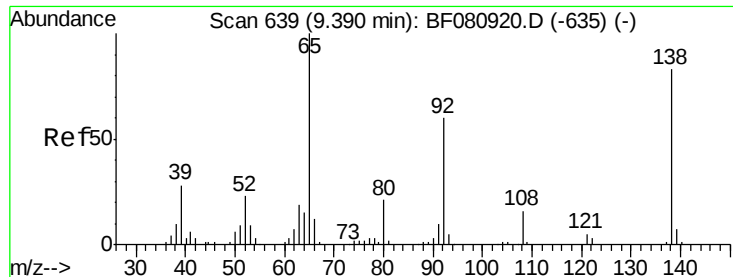
Tot Ion:154 Resp: 53594
 Ion Ratio Lower Upper
 154 100
 153 39.7 20.1 60.1
 76 14.8 0.0 29.3



#46
 2-Chloronaphthalene
 Concen: 23.15 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.03 min
 Lab File: BF080952.D
 Acq: 10 Aug 2015 15:31

Tgt Ion:162 Resp: 40831
 Ion Ratio Lower Upper
 162 100
 127 46.5 32.5 48.7
 164 31.4 26.2 39.4

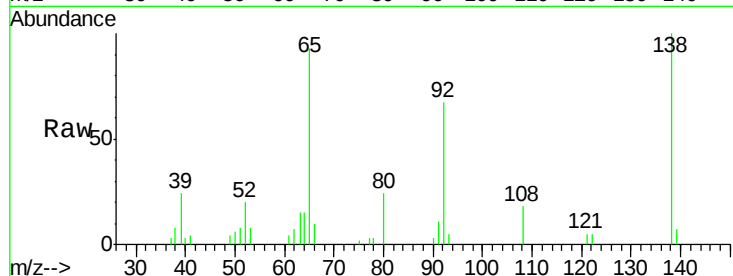




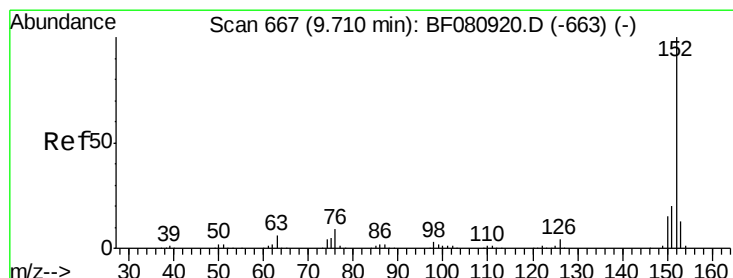
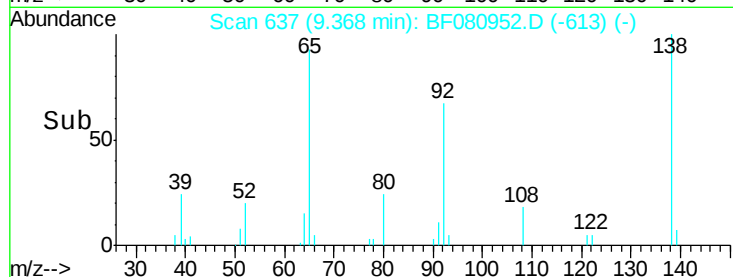
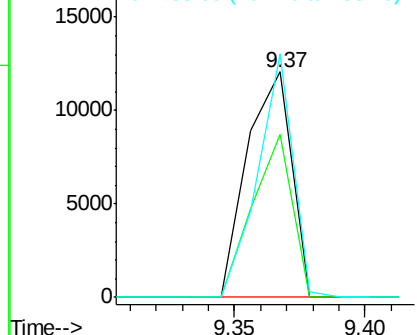
#47
2-Nitroaniline
Concen: 20.35 ng
RT: 9.37 min Scan# 637
Delta R.T. -0.02 min
Lab File: BF080952.D
Acq: 10 Aug 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB84904BS

Tot Ion: 65 Resp: 14398
Ion Ratio Lower Upper
65 100
92 72.2 48.0 72.0#
138 108.0 66.1 99.1#

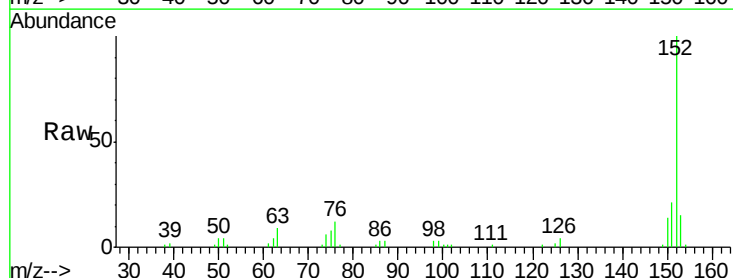


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

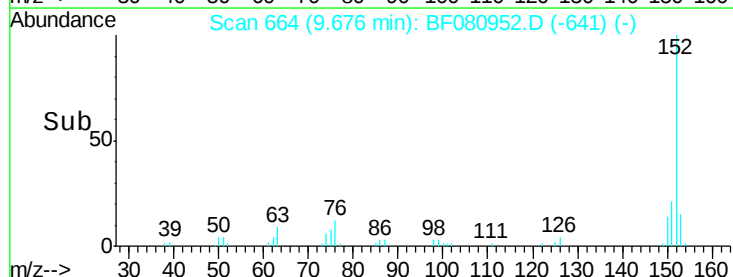
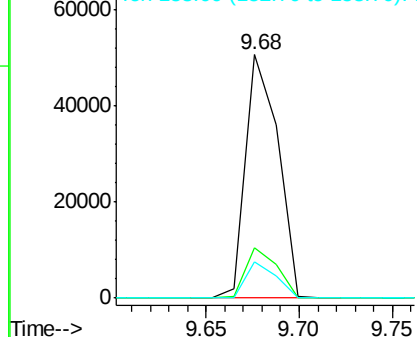


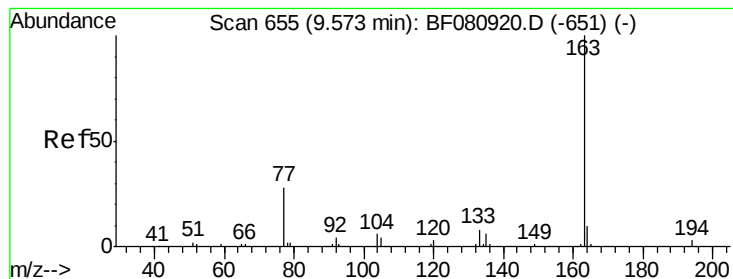
#48
Acenaphthylene
Concen: 19.91 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF080952.D
Acq: 10 Aug 2015 15:31

Tgt Ion:152 Resp: 61052
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 14.9 10.5 15.7



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





#49

Dimethylphthalate

Concen: 20.91 ng

RT: 9.55 min Scan# 653

Delta R.T. -0.02 min

Lab File: BF080952.D

Acq: 10 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleID :

PB84904BS

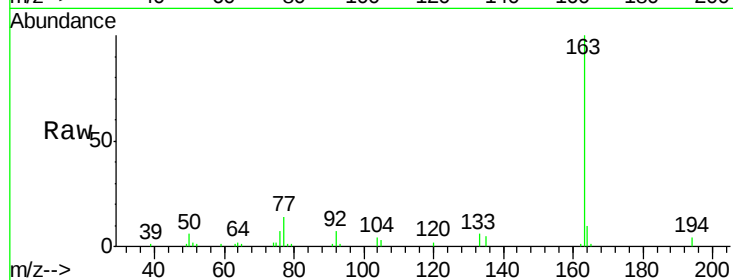
Tot Ion:163 Resp: 45805

Ion Ratio Lower Upper

163 100

194 4.2 2.4 3.6#

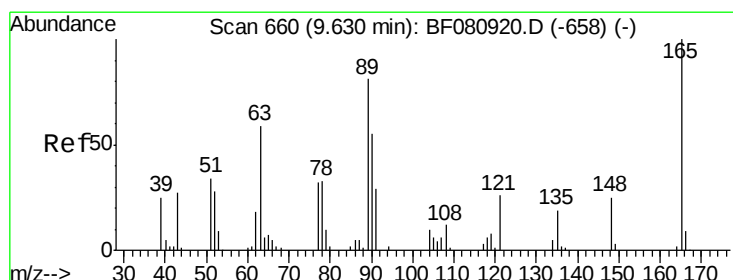
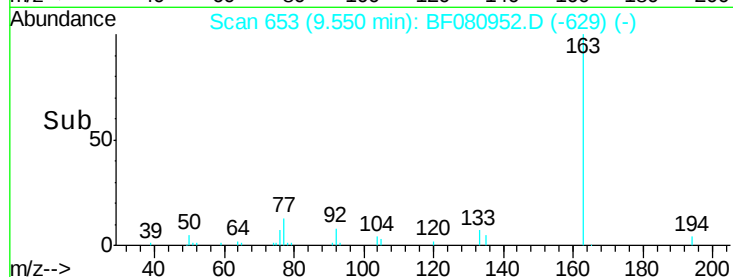
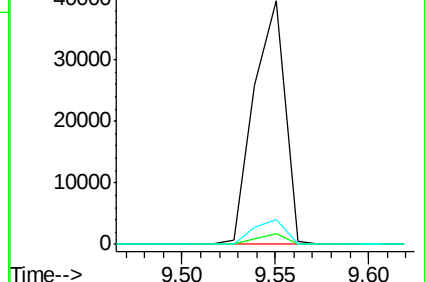
164 9.9 8.2 12.4



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: 23.15 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.02 min

Lab File: BF080952.D

Acq: 10 Aug 2015 15:31

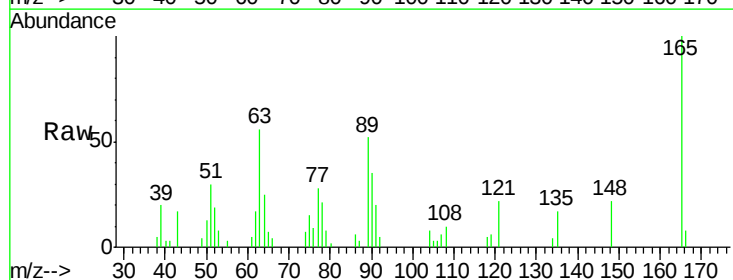
Tgt Ion:165 Resp: 10474

Ion Ratio Lower Upper

165 100

63 55.7 77.6 116.4#

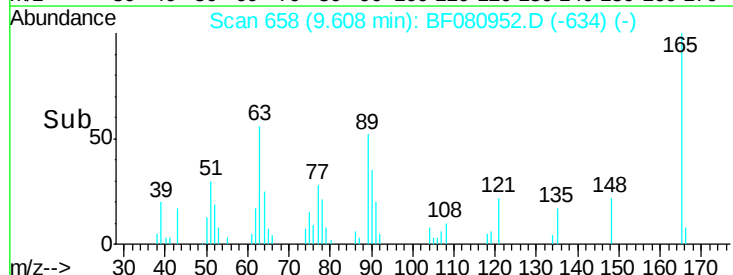
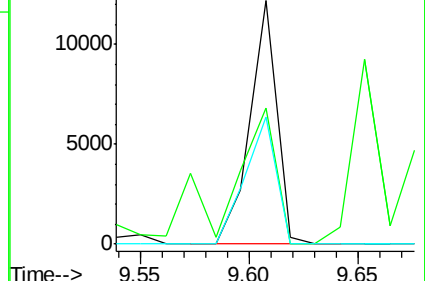
89 52.3 64.5 96.7#

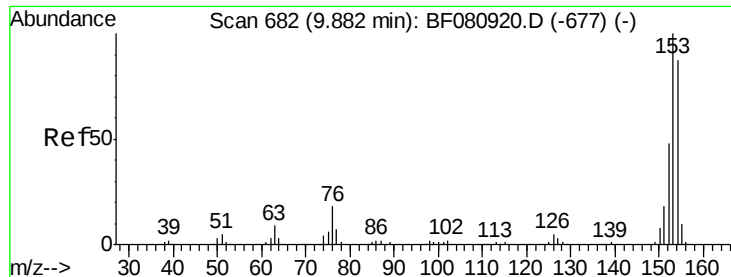


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

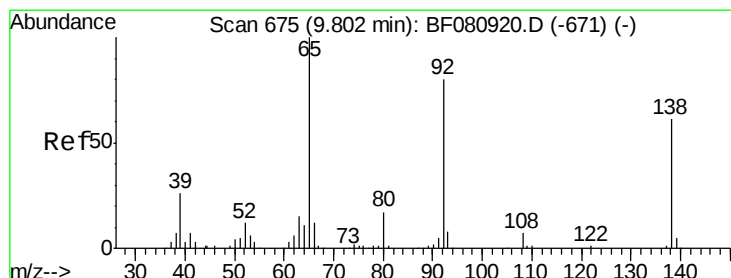
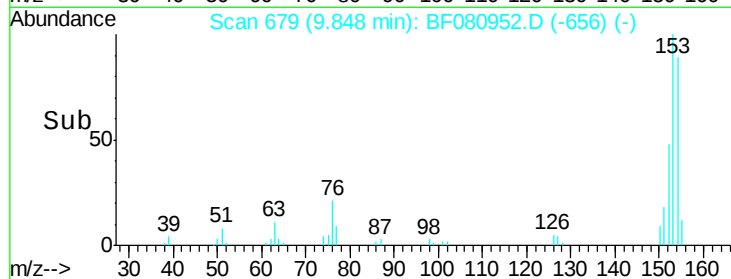
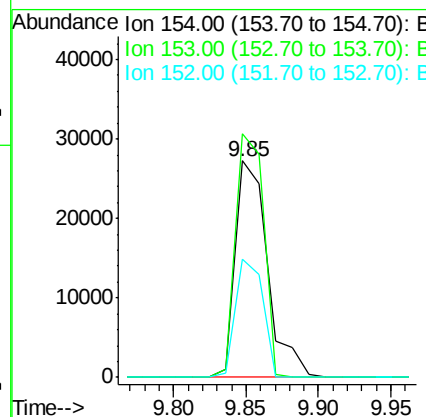
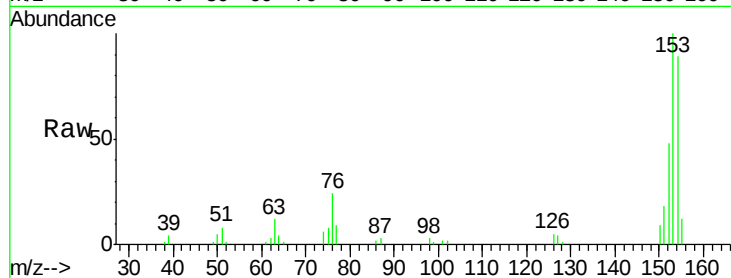




#51
Acenaphthene
Concen: 22.43 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF080952.D
Acq: 10 Aug 2015 15:31

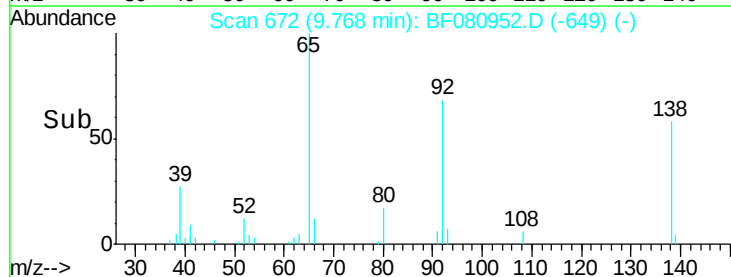
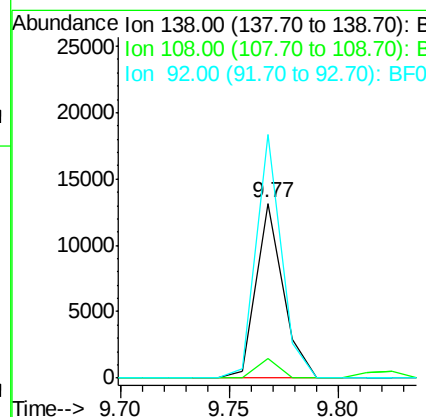
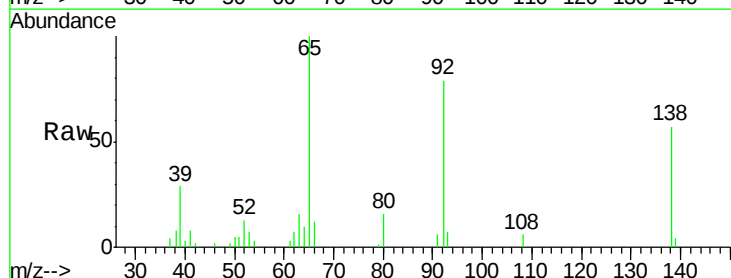
Instrument :
BNA_F
ClientSampleId :
PB84904BS

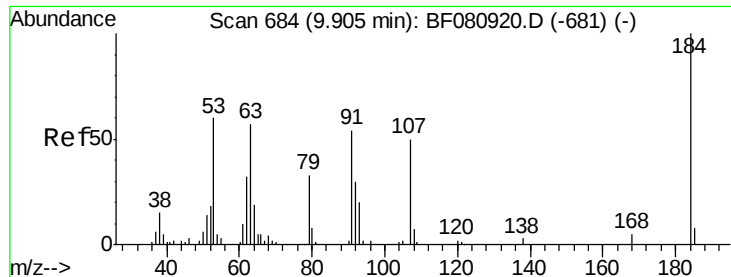
Tot Ion:154 Resp: 42127
Ion Ratio Lower Upper
154 100
153 112.4 91.4 137.2
152 54.3 44.2 66.4



#52
3-Nitroaniline
Concen: 20.45 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.03 min
Lab File: BF080952.D
Acq: 10 Aug 2015 15:31

Tgt Ion:138 Resp: 11409
Ion Ratio Lower Upper
138 100
108 11.0 8.7 13.1
92 139.2 104.4 156.6

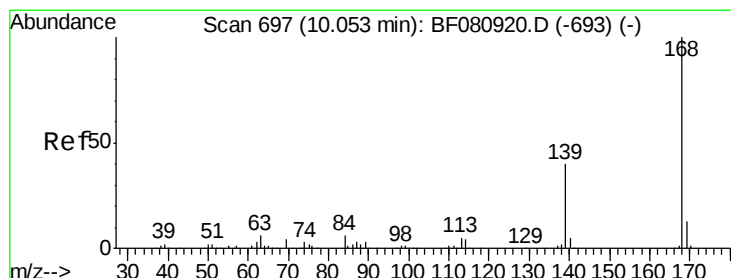
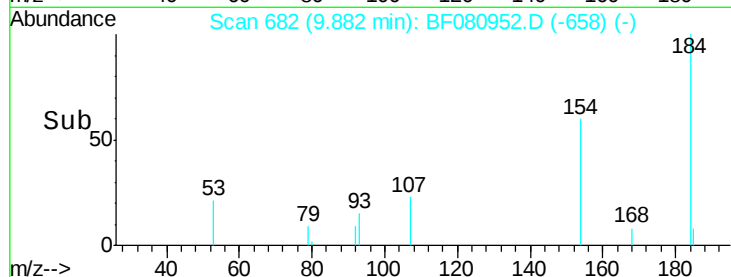
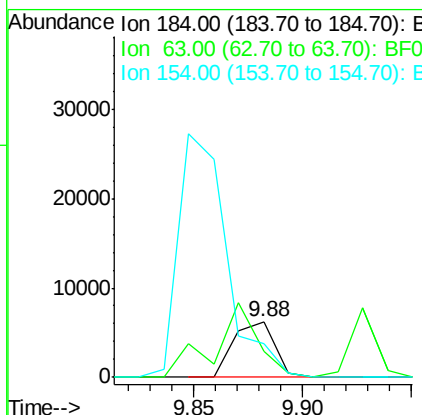
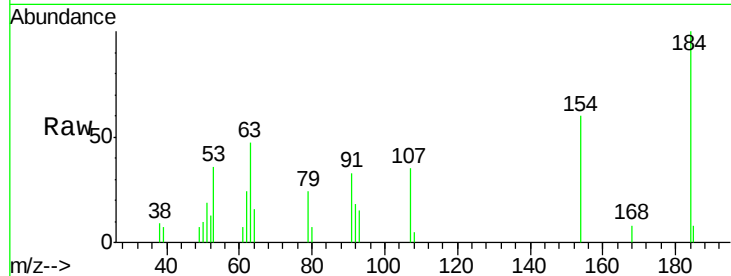




#53
 2,4-Dinitrophenol
 Concen: 33.65 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.02 min
 Lab File: BF080952.D
 Acq: 10 Aug 2015 15:31

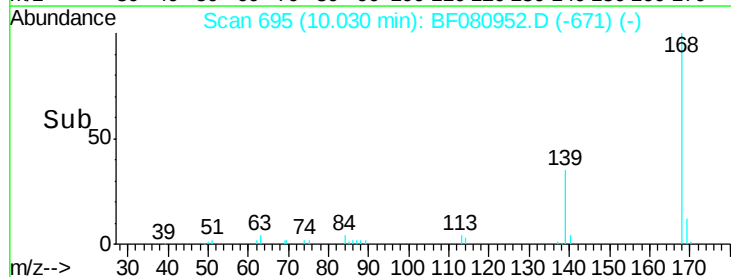
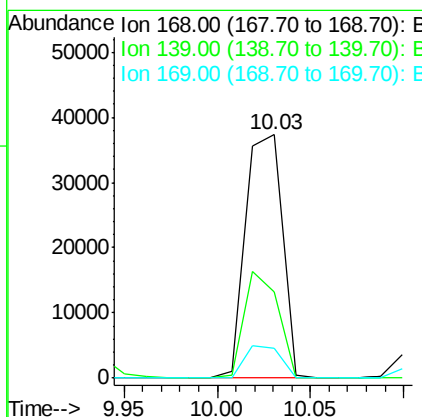
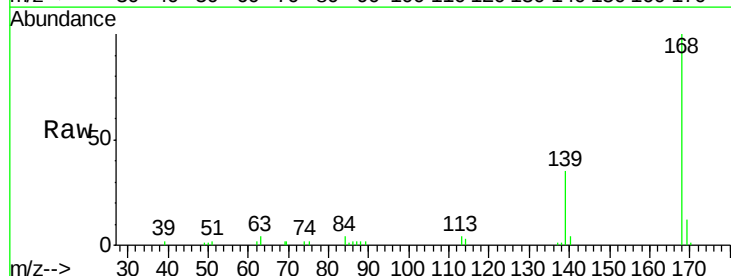
Instrument :
 BNA_F
 ClientSampleId :
 PB84904BS

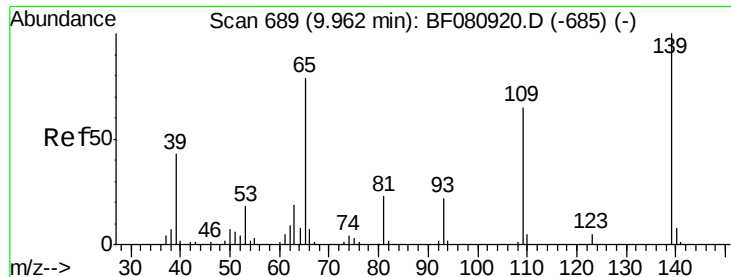
Tot Ion:184 Resp: 8190
 Ion Ratio Lower Upper
 184 100
 63 46.9 59.7 89.5#
 154 60.4 53.8 80.8



#54
 Dibenzofuran
 Concen: 20.15 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.02 min
 Lab File: BF080952.D
 Acq: 10 Aug 2015 15:31

Tgt Ion:168 Resp: 51186
 Ion Ratio Lower Upper
 168 100
 139 35.3 31.9 47.9
 169 12.4 10.6 15.8

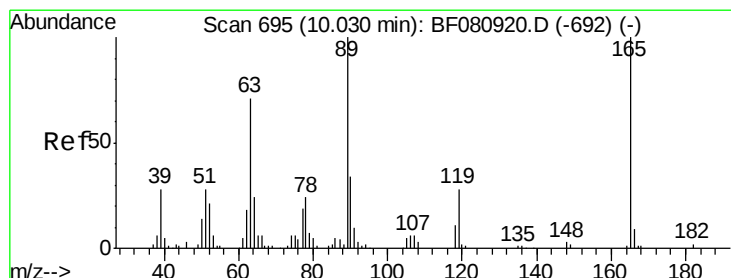
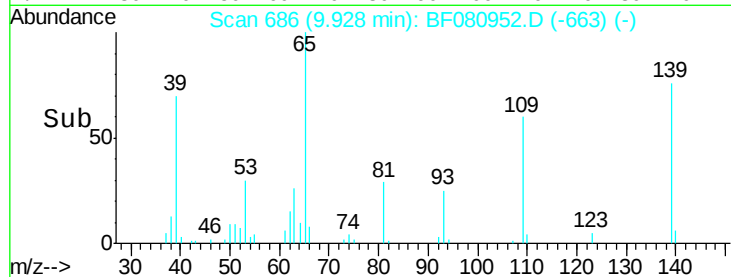
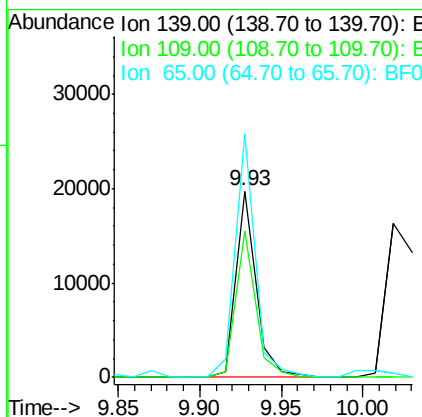
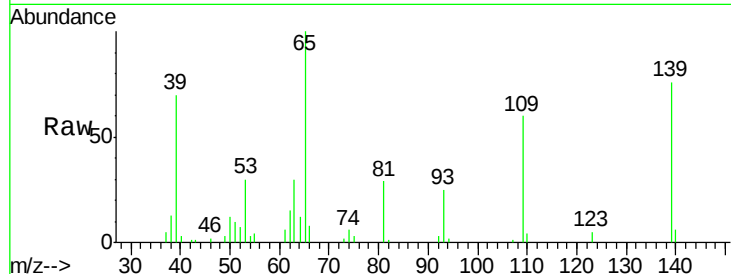




#55
4-Nitrophenol
Concen: 40.08 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF080952.D
Acq: 10 Aug 2015 15:31

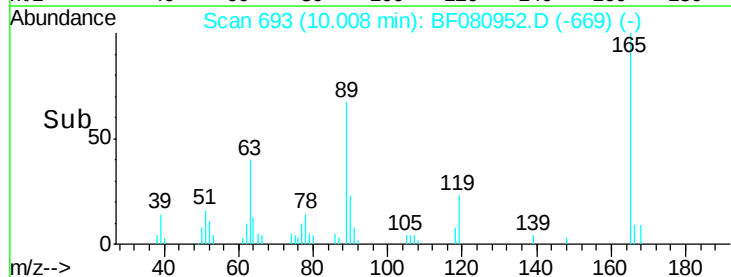
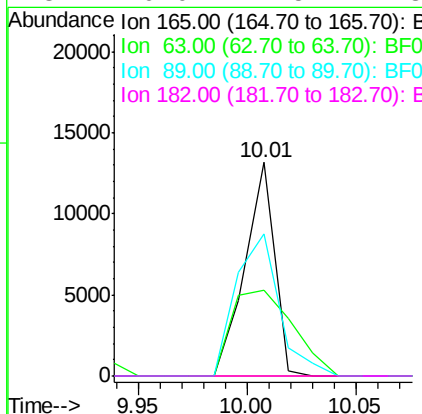
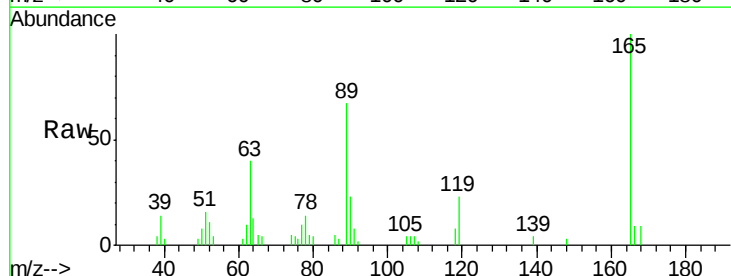
Instrument :
BNA_F
ClientSampleId :
PB84904BS

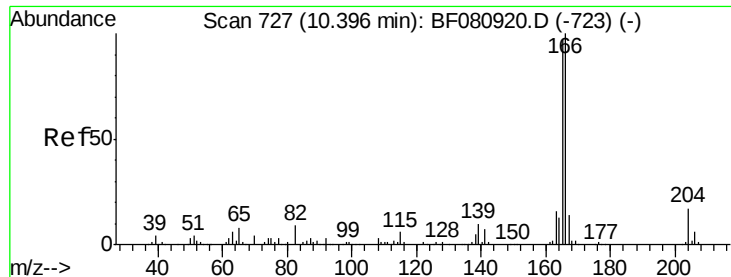
Tot Ion:139 Resp: 16733
Ion Ratio Lower Upper
139 100
109 78.7 44.7 84.7
65 130.8 59.5 99.5#



#56
2,4-Dinitrotoluene
Concen: 20.54 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.02 min
Lab File: BF080952.D
Acq: 10 Aug 2015 15:31

Tgt Ion:165 Resp: 12437
Ion Ratio Lower Upper
165 100
63 40.1 56.7 85.1#
89 66.8 80.4 120.6#
182 0.0 1.5 2.3#

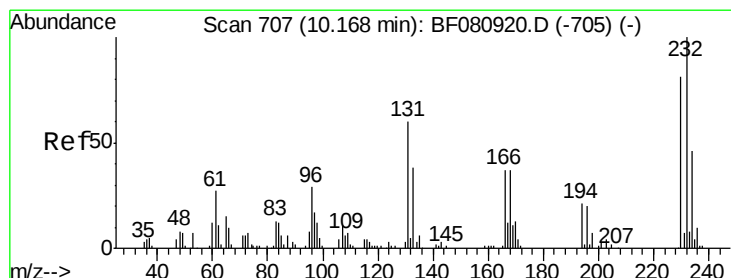
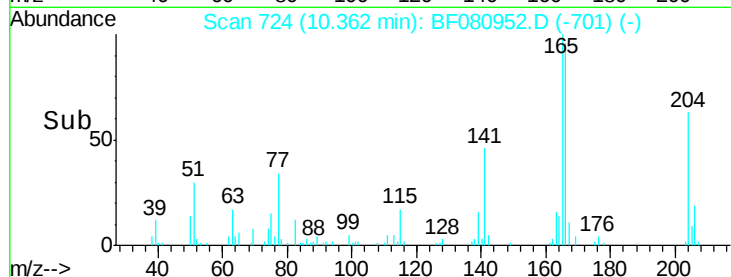
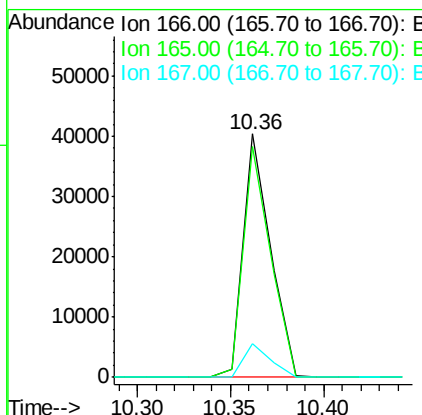
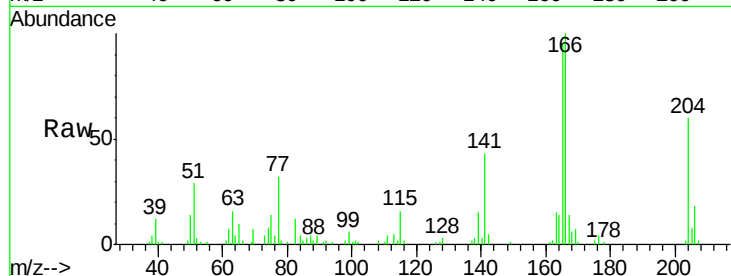




#57
Fluorene
 Concen: 20.84 ng
 RT: 10.36 min Scan# 724
 Delta R.T. -0.03 min
 Lab File: BF080952.D
 Acq: 10 Aug 2015 15:31

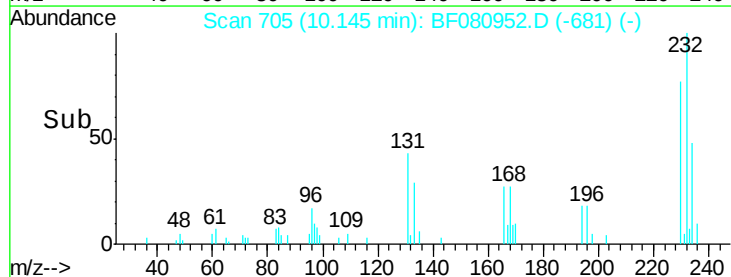
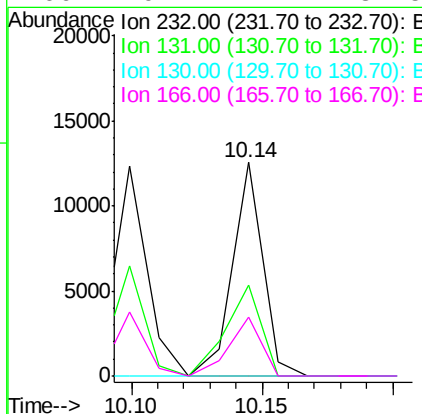
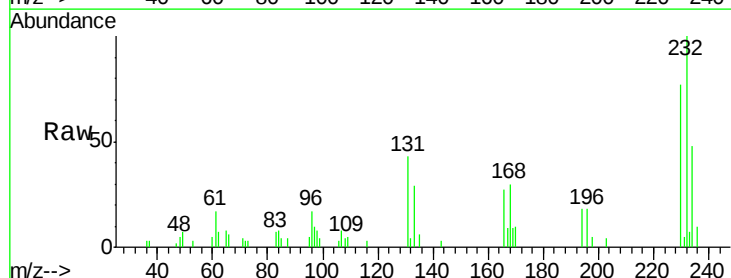
Instrument :
 BNA_F
 ClientSampleId :
 PB84904BS

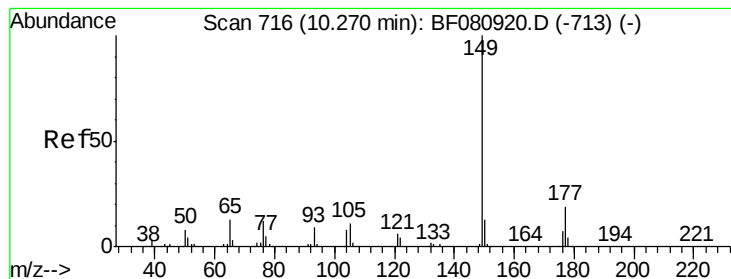
Tot Ion:166 Resp: 40937
 Ion Ratio Lower Upper
 166 100
 165 95.0 77.2 115.8
 167 14.0 10.8 16.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 21.55 ng
 RT: 10.14 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF080952.D
 Acq: 10 Aug 2015 15:31

Tgt Ion:232 Resp: 10238
 Ion Ratio Lower Upper
 232 100
 131 49.8 39.4 59.2
 130 0.0 2.1 3.1#
 166 29.2 21.7 32.5





#59

Diethylphthalate

Concen: 23.83 ng

RT: 10.25 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF080952.D

Acq: 10 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB84904BS

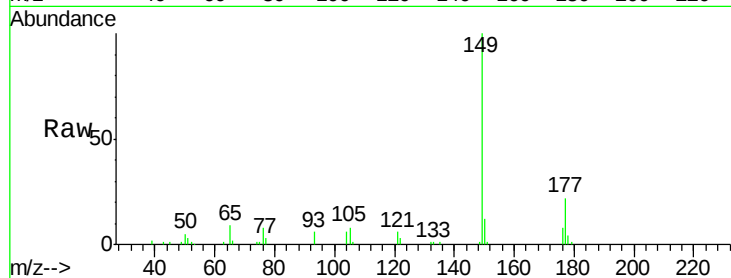
Tot Ion:149 Resp: 54327

Ion Ratio Lower Upper

149 100

177 21.6 15.0 22.4

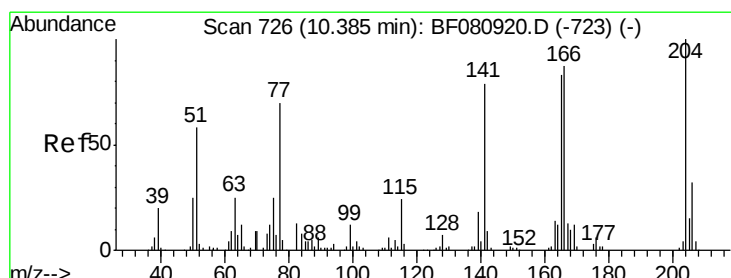
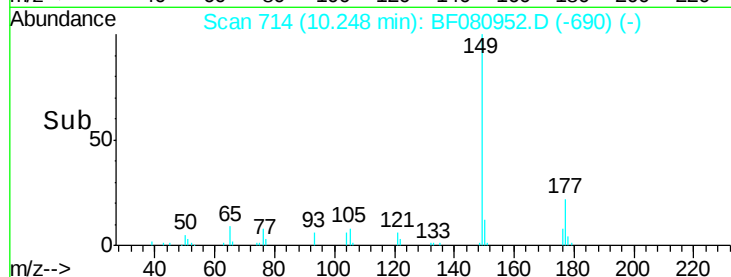
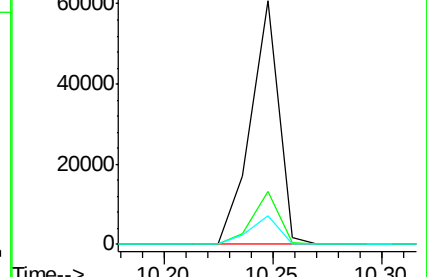
150 11.8 10.4 15.6



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: 21.52 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF080952.D

Acq: 10 Aug 2015 15:31

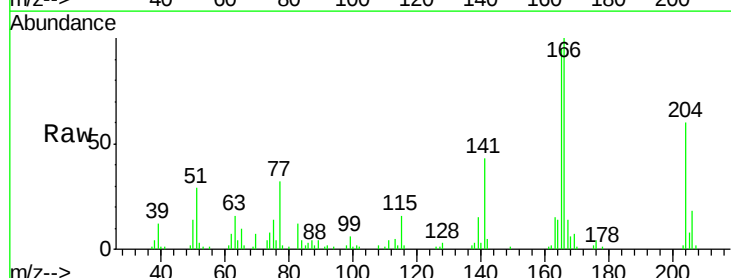
Tgt Ion:204 Resp: 20602

Ion Ratio Lower Upper

204 100

206 30.9 25.5 38.3

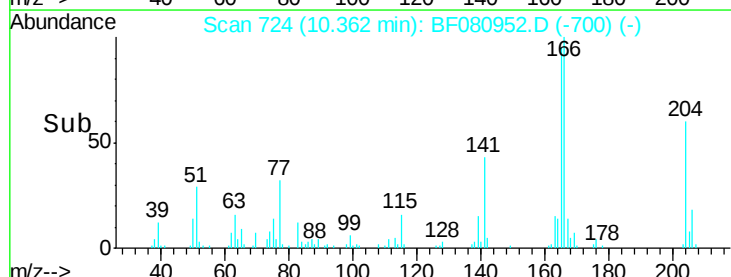
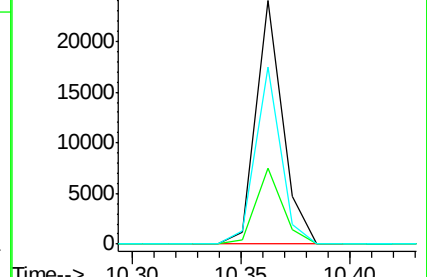
141 72.8 63.4 95.0

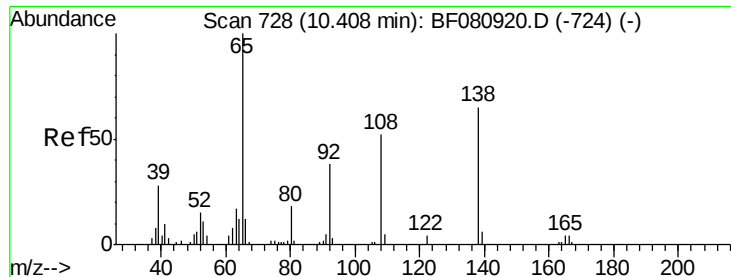


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

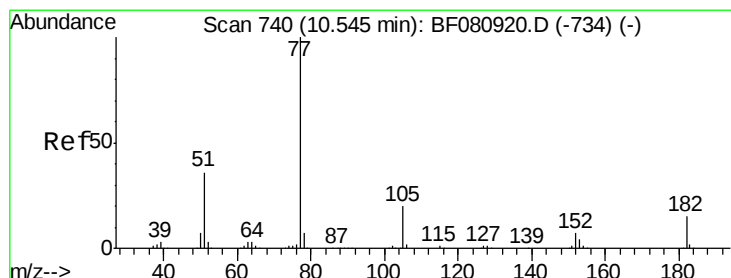
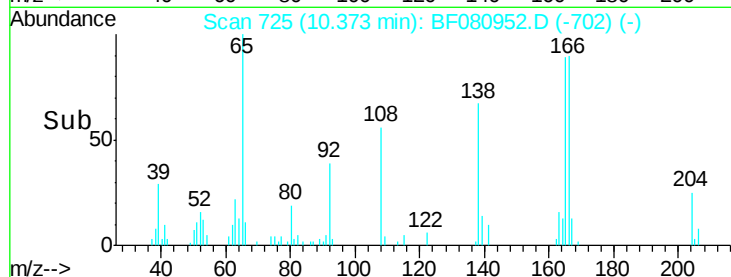
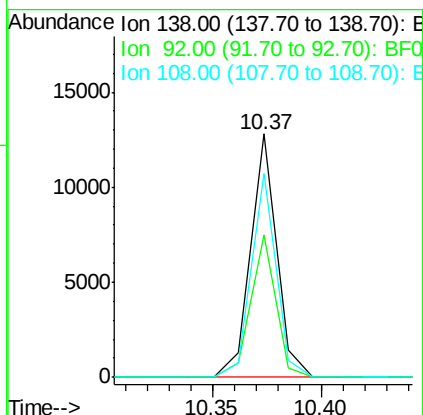
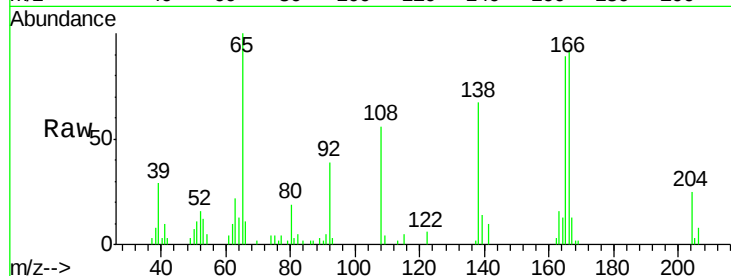




#61
4-Nitroaniline
Concen: 18.56 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.03 min
Lab File: BF080952.D
Acq: 10 Aug 2015 15:31

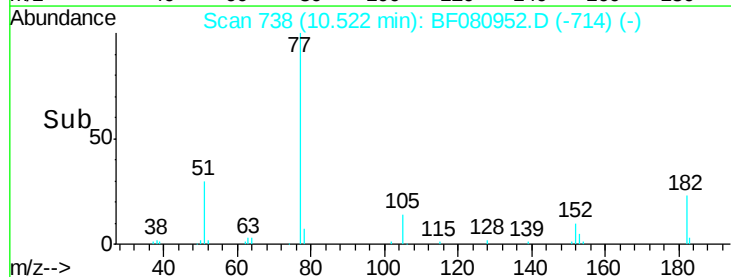
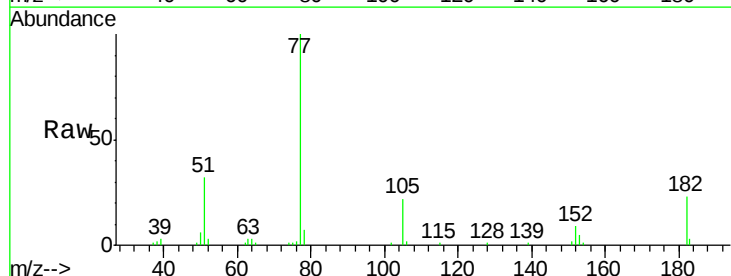
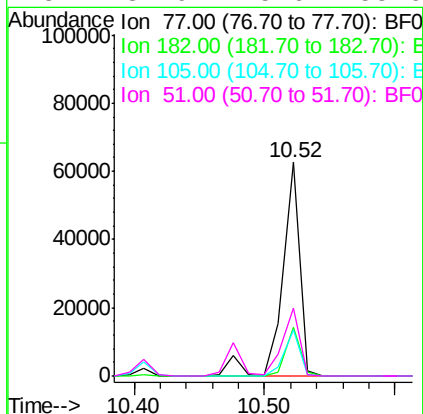
Instrument :
BNA_F
ClientSampleId :
PB84904BS

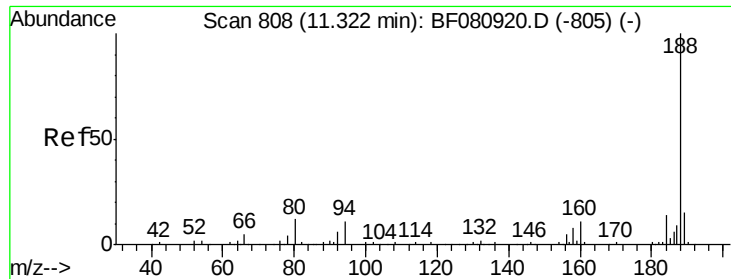
Tot Ion:138 Resp: 10655
Ion Ratio Lower Upper
138 100
92 58.4 38.1 78.1
108 83.9 59.9 99.9



#62
Azobenzene
Concen: 23.24 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF080952.D
Acq: 10 Aug 2015 15:31

Tgt Ion: 77 Resp: 59254
Ion Ratio Lower Upper
77 100
182 22.5 0.0 35.5
105 21.6 0.5 40.5
51 31.9 15.6 55.6

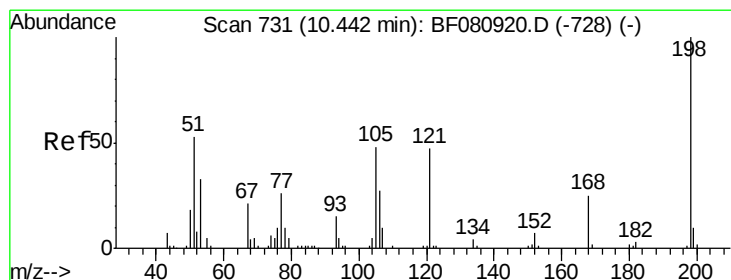
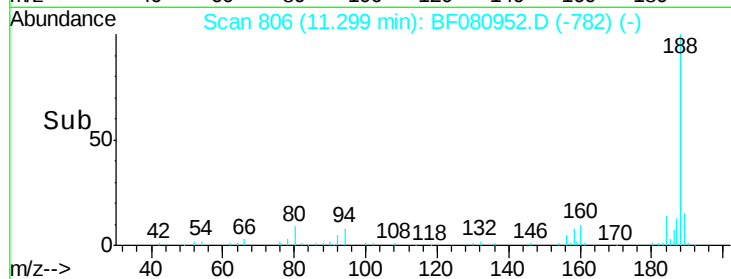
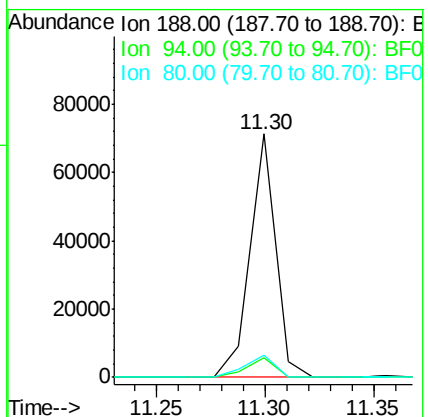
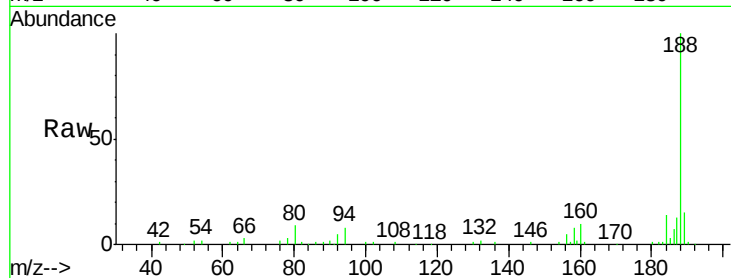




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF080952.D
 Acq: 10 Aug 2015 15:31

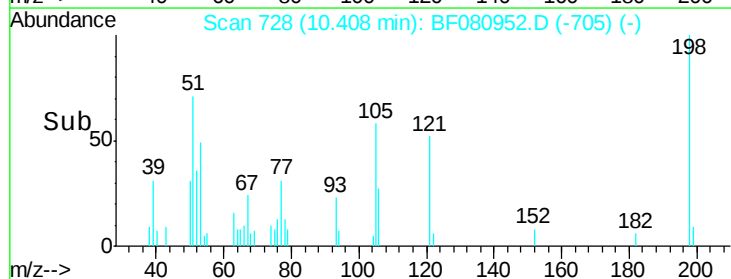
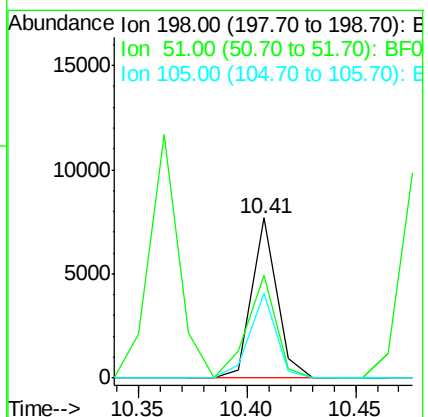
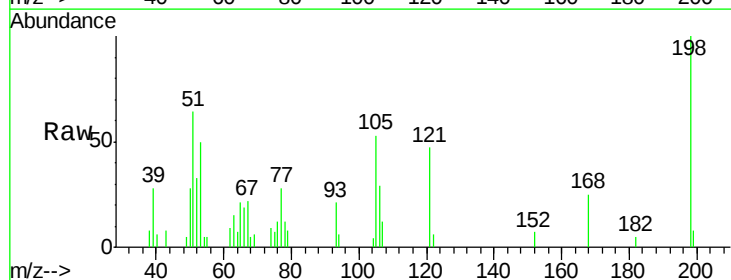
Instrument :
 BNA_F
 ClientSampleId :
 PB84904BS

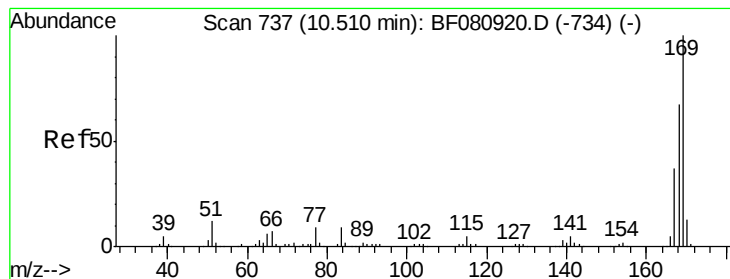
Tot Ion:188 Resp: 58471
 Ion Ratio Lower Upper
 188 100
 94 8.2 8.8 13.2#
 80 9.2 9.5 14.3#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 17.03 ng
 RT: 10.41 min Scan# 728
 Delta R.T. -0.03 min
 Lab File: BF080952.D
 Acq: 10 Aug 2015 15:31

Tgt Ion:198 Resp: 6170
 Ion Ratio Lower Upper
 198 100
 51 64.4 40.3 80.3
 105 52.7 29.6 69.6





#65

n-Nitrosodiphenylamine

Concen: 18.16 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.03 min

Lab File: BF080952.D

Acq: 10 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB84904BS

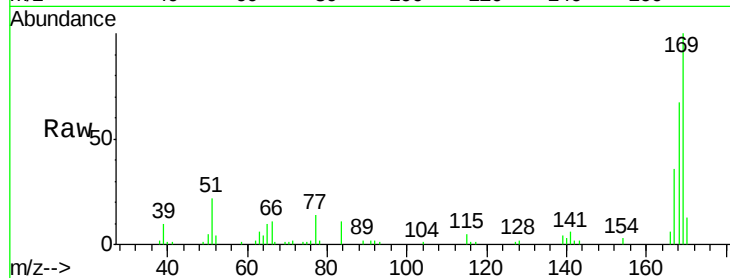
Tot Ion:169 Resp: 36884

Ion Ratio Lower Upper

169 100

168 67.1 53.7 80.5

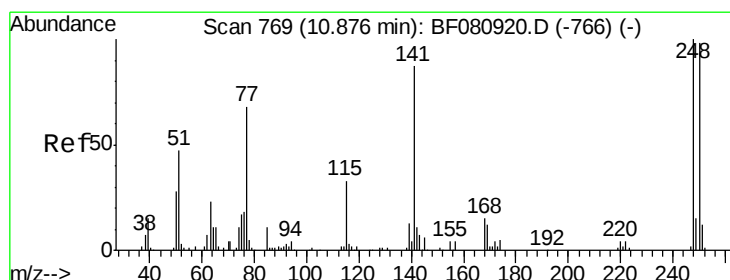
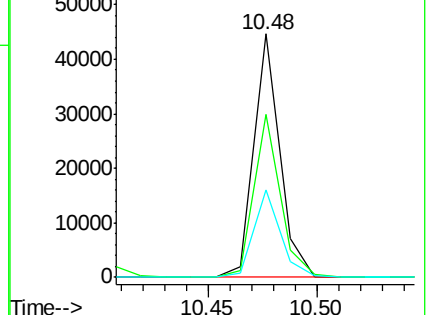
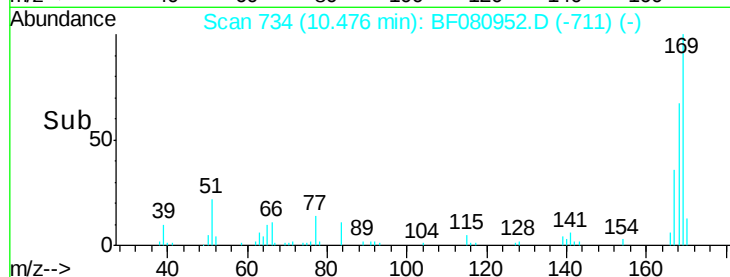
167 36.2 29.3 43.9



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: 21.82 ng

RT: 10.85 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF080952.D

Acq: 10 Aug 2015 15:31

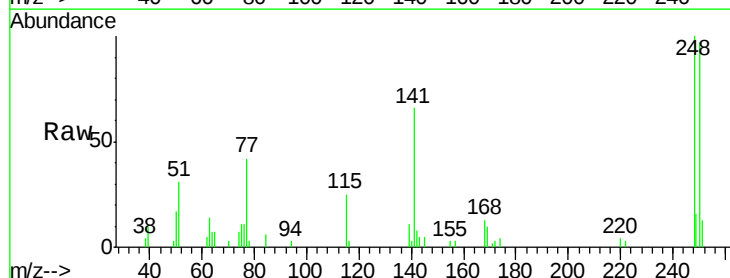
Tgt Ion:248 Resp: 13516

Ion Ratio Lower Upper

248 100

250 97.3 78.1 117.1

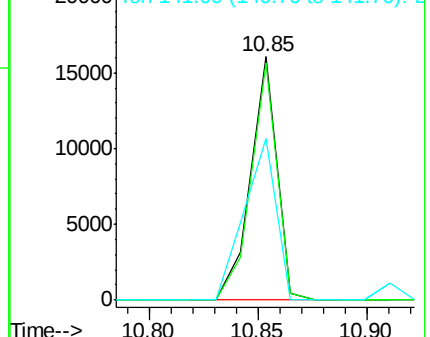
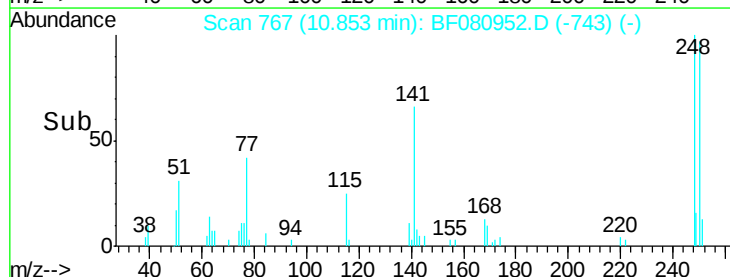
141 66.2 69.6 104.4#

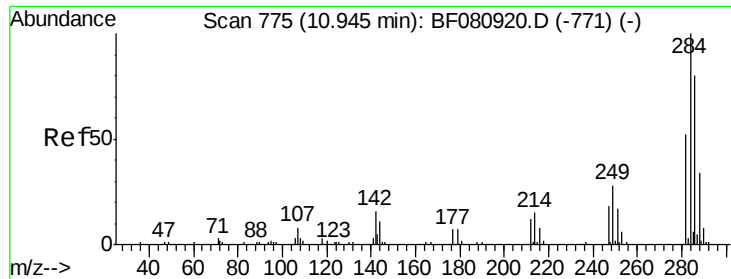


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

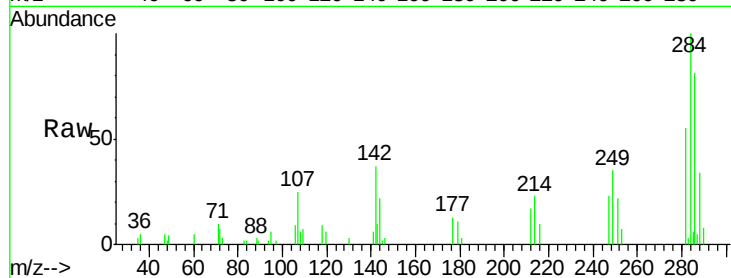




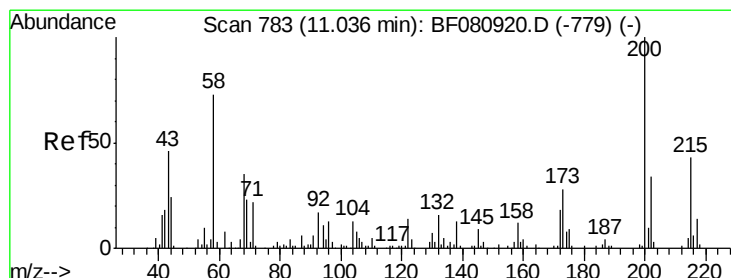
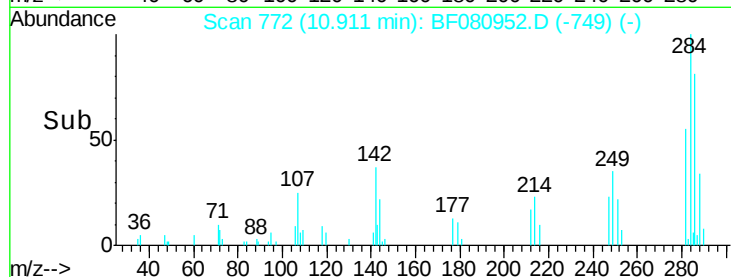
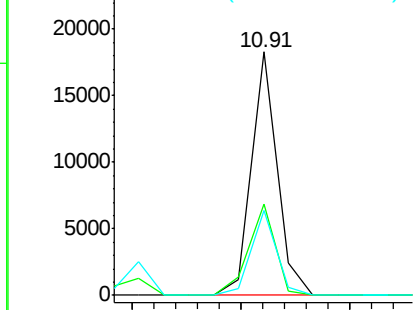
#67
Hexachlorobenzene
Concen: 21.82 ng
RT: 10.91 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF080952.D
Acq: 10 Aug 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB84904BS

Tot Ion:284 Resp: 15022
Ion Ratio Lower Upper
284 100
142 37.3 12.8 19.2#
249 34.8 22.5 33.7#

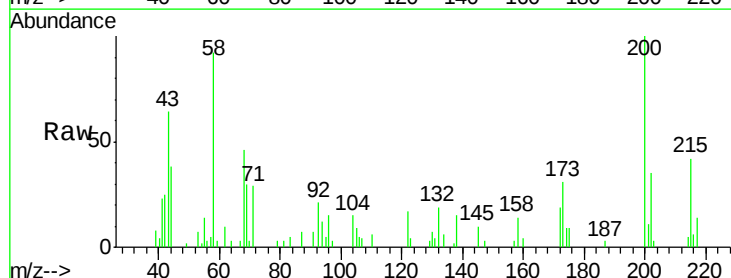


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

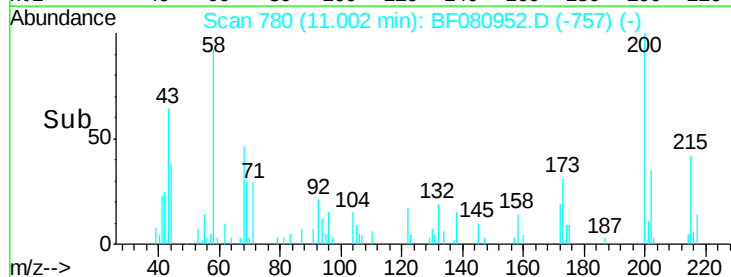
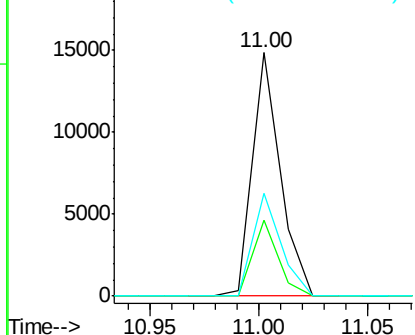


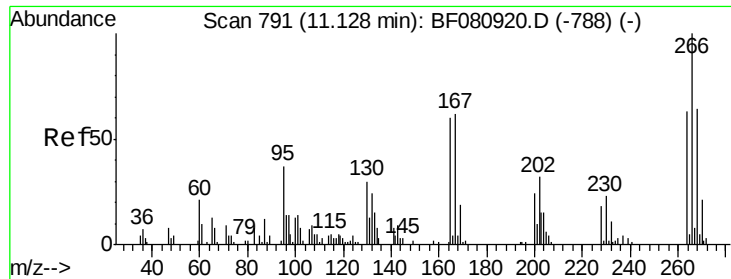
#68
Atrazine
Concen: 22.26 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF080952.D
Acq: 10 Aug 2015 15:31

Tgt Ion:200 Resp: 13256
Ion Ratio Lower Upper
200 100
173 31.2 8.4 48.4
215 42.3 22.7 62.7



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

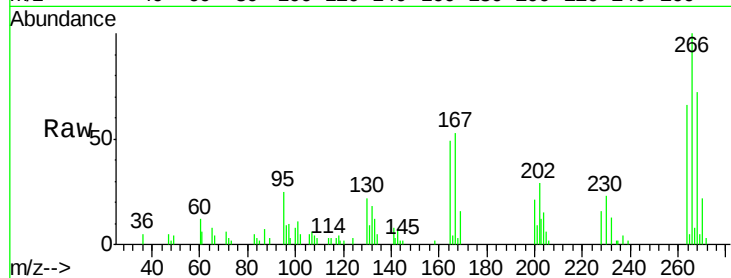




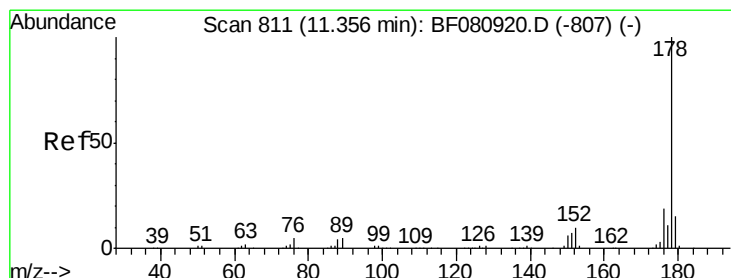
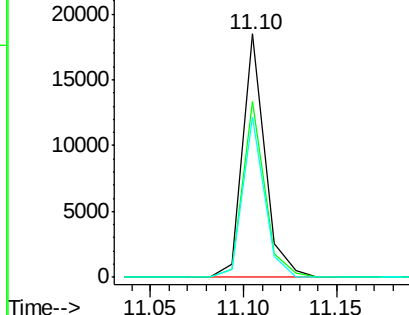
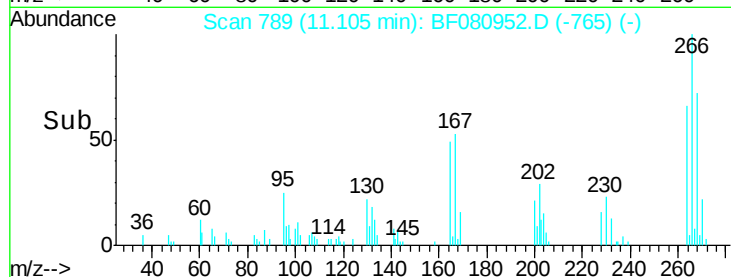
#69
 Pentachlorophenol
 Concen: 38.55 ng
 RT: 11.10 min Scan# 789
 Delta R.T. -0.02 min
 Lab File: BF080952.D
 Acq: 10 Aug 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB84904BS

Tot Ion:266 Resp: 15435
 Ion Ratio Lower Upper
 266 100
 268 72.2 51.6 77.4
 264 66.0 50.1 75.1

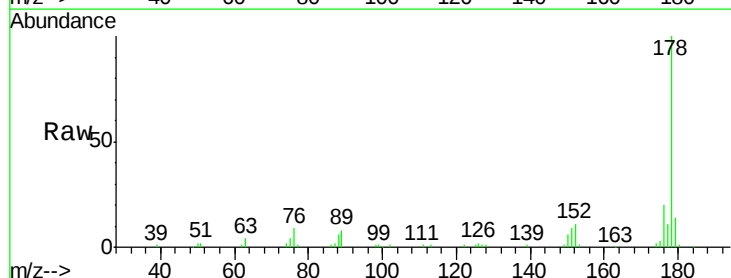


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

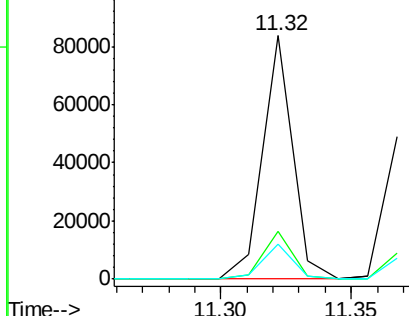
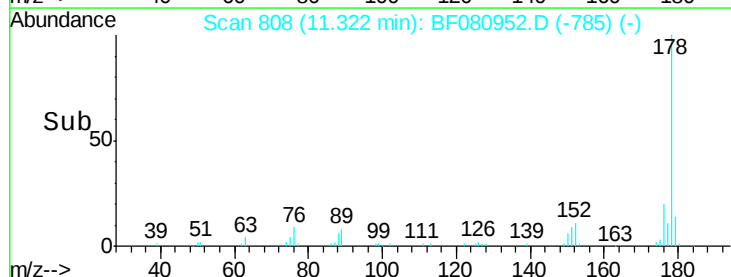


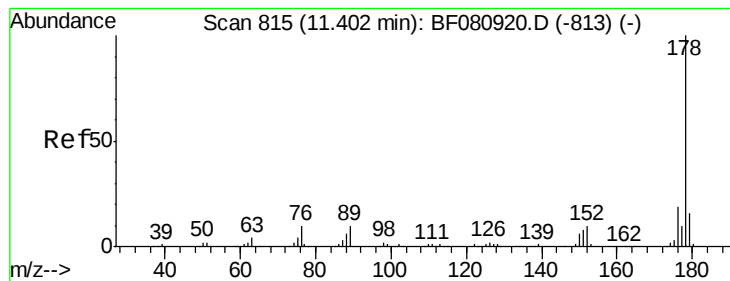
#70
 Phenanthrene
 Concen: 20.43 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.03 min
 Lab File: BF080952.D
 Acq: 10 Aug 2015 15:31

Tgt Ion:178 Resp: 67634
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.6 23.4
 179 14.5 11.9 17.9



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: 19.64 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.03 min

Lab File: BF080952.D

Acq: 10 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB84904BS

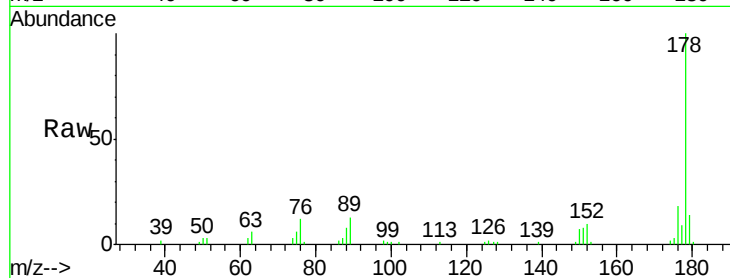
Tot Ion:178 Resp: 64376

Ion Ratio Lower Upper

178 100

176 18.5 15.5 23.3

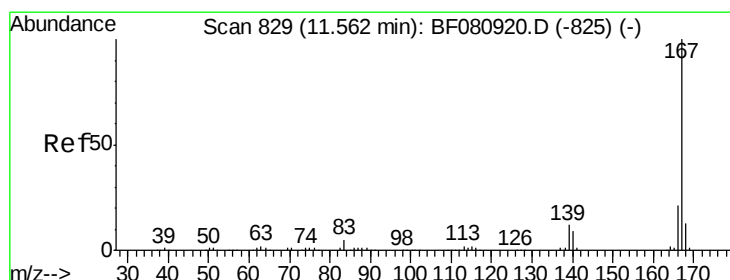
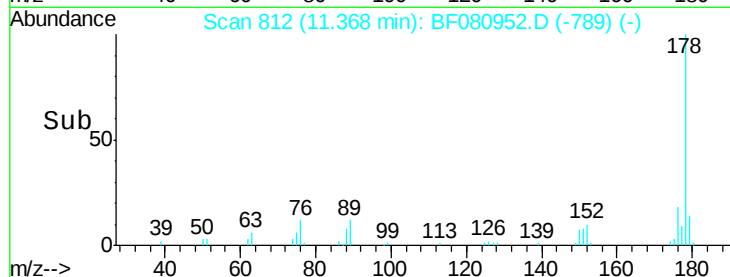
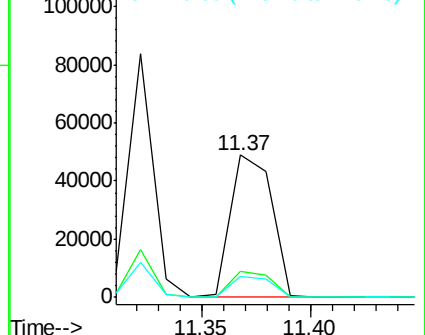
179 14.5 12.6 18.8



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: 19.62 ng

RT: 11.53 min Scan# 826

Delta R.T. -0.03 min

Lab File: BF080952.D

Acq: 10 Aug 2015 15:31

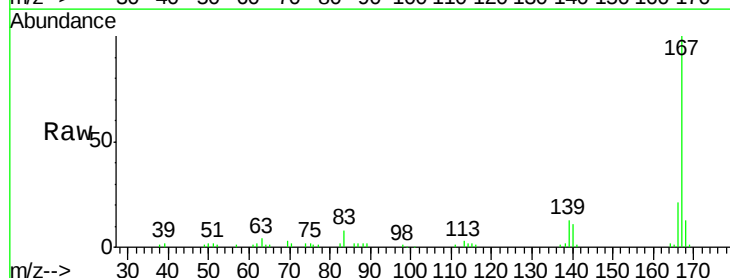
Tgt Ion:167 Resp: 62600

Ion Ratio Lower Upper

167 100

166 20.7 17.1 25.7

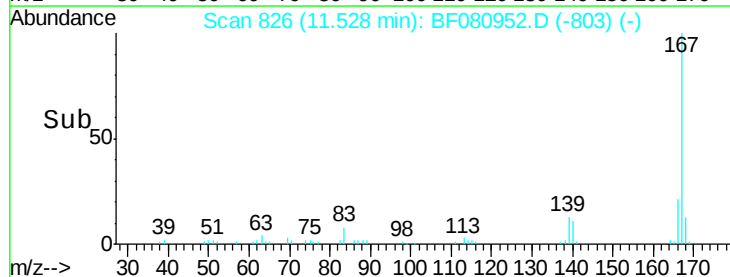
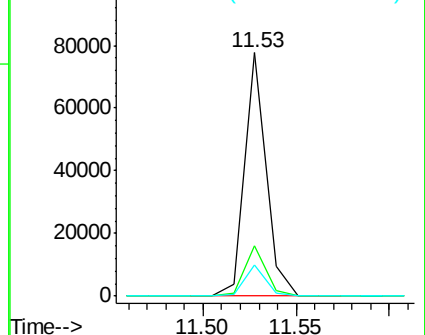
139 12.8 9.2 13.8

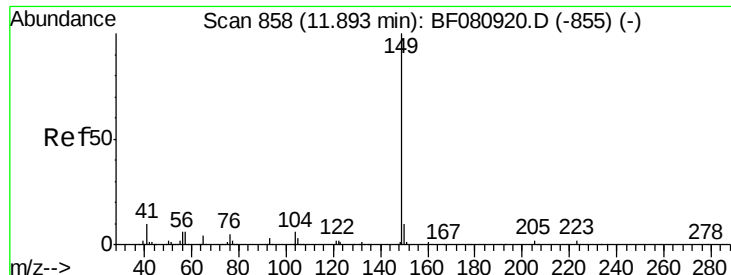


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 23.91 ng

RT: 11.87 min Scan# 856

Delta R.T. -0.02 min

Lab File: BF080952.D

Acq: 10 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB84904BS

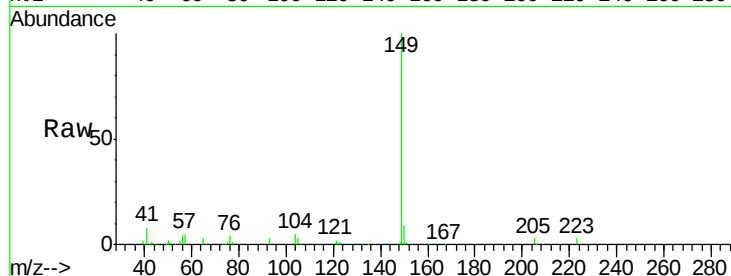
Tot Ion:149 Resp: 95396

Ion Ratio Lower Upper

149 100

150 8.9 7.6 11.4

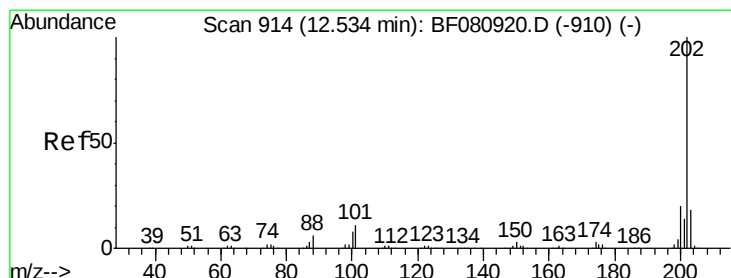
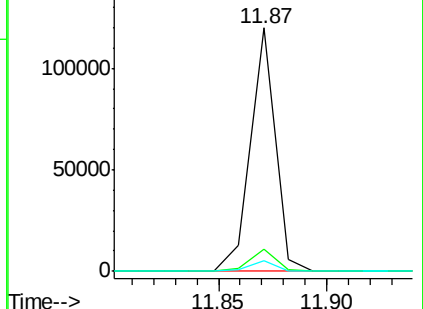
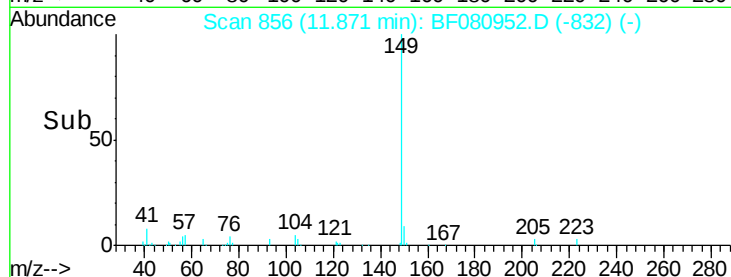
104 4.5 4.4 6.6



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: 18.83 ng

RT: 12.50 min Scan# 911

Delta R.T. -0.03 min

Lab File: BF080952.D

Acq: 10 Aug 2015 15:31

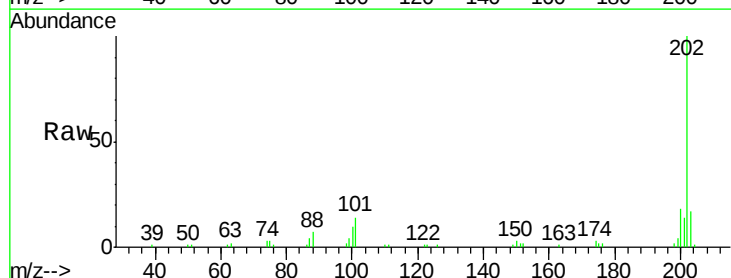
Tgt Ion:202 Resp: 67409

Ion Ratio Lower Upper

202 100

101 14.0 0.0 30.5

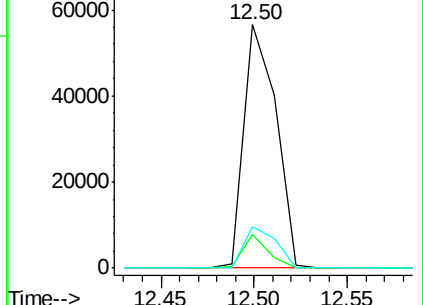
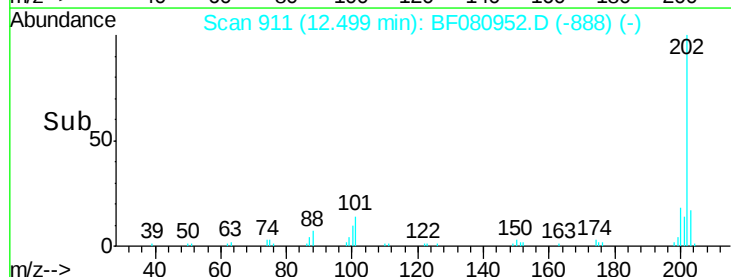
203 17.2 0.0 37.7

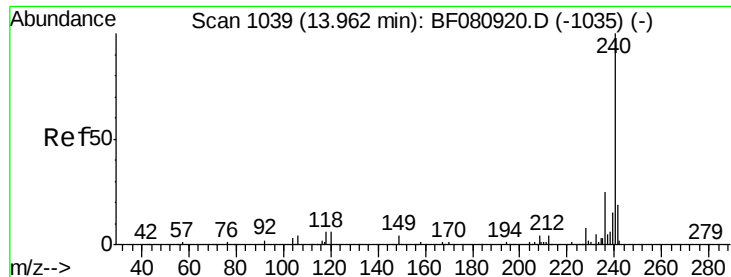


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.93 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF080952.D

Acq: 10 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB84904BS

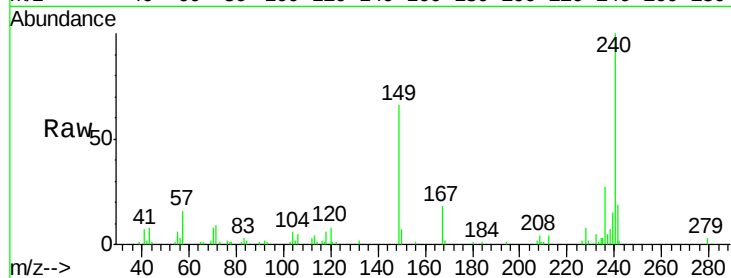
Tot Ion:240 Resp: 48996

Ion Ratio Lower Upper

240 100

120 7.7 5.2 7.8

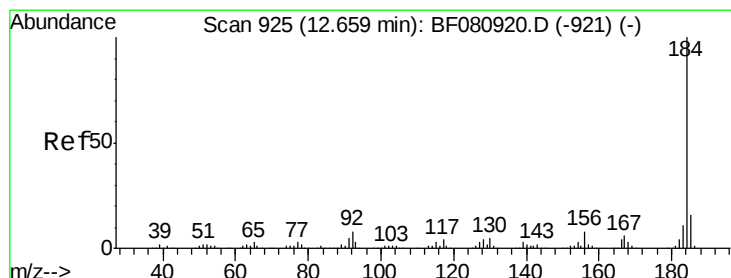
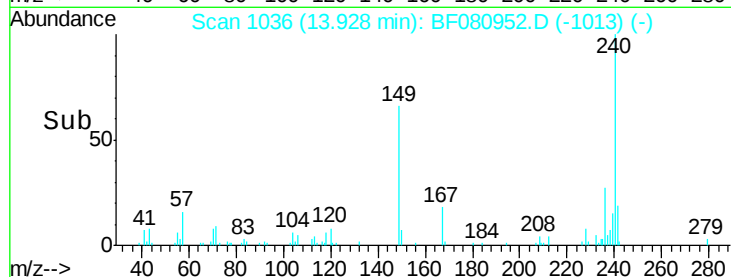
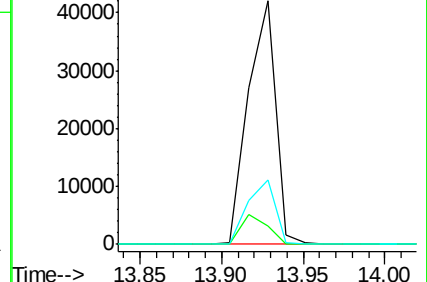
236 26.5 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.29 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF080952.D

Acq: 10 Aug 2015 15:31

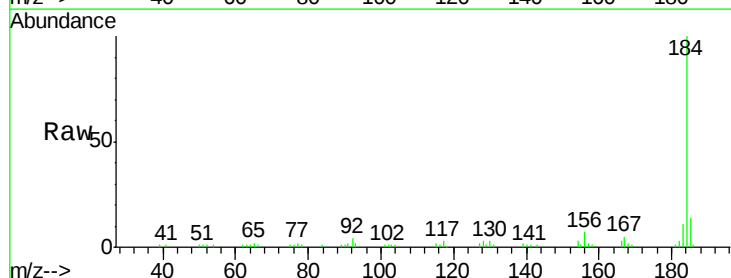
Tgt Ion:184 Resp: 81568

Ion Ratio Lower Upper

184 100

185 14.2 13.0 19.4

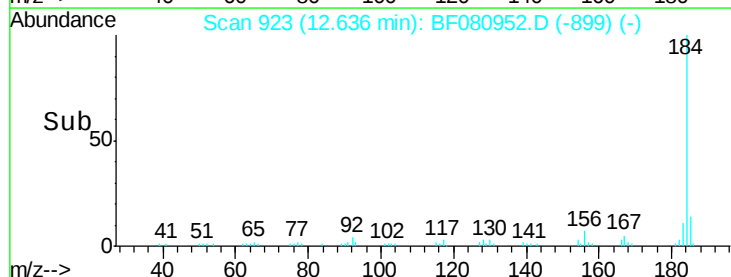
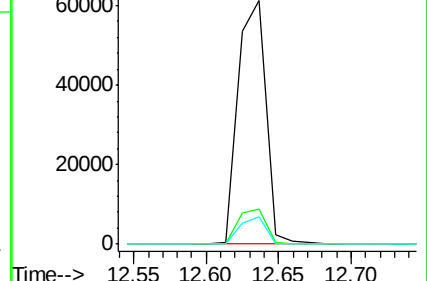
183 11.1 8.7 13.1

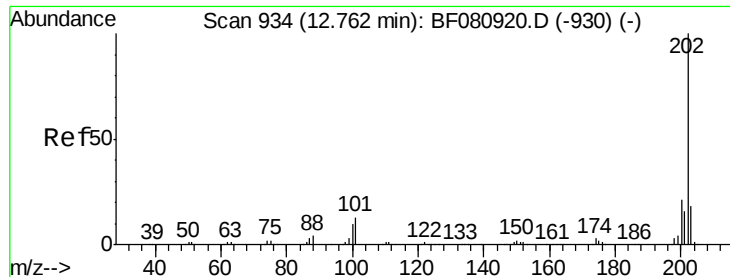


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

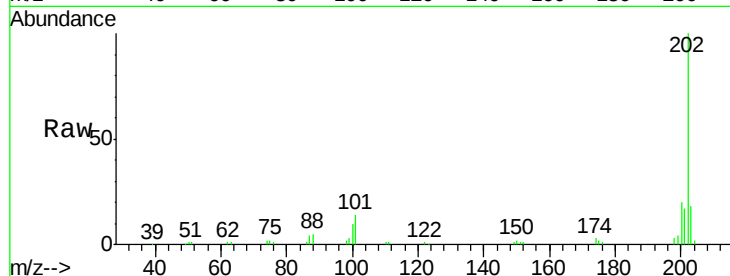




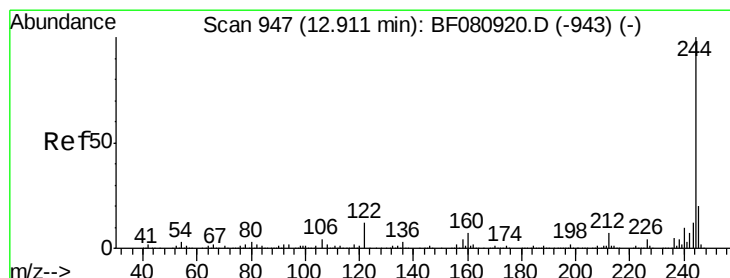
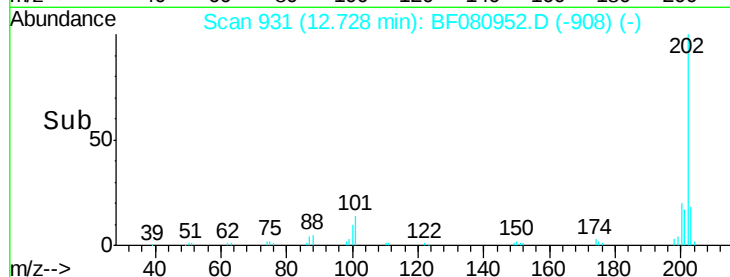
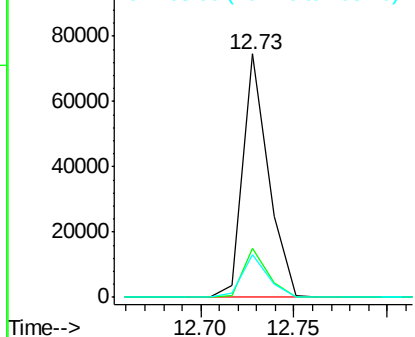
#77
Pvrene
Concen: 19.59 ng
RT: 12.73 min Scan# 931
Delta R.T. -0.03 min
Lab File: BF080952.D
Acq: 10 Aug 2015 15:31

Instrument :
BNA_F
ClientSampleId :
PB84904BS

Tot Ion:202 Resp: 70923
Ion Ratio Lower Upper
202 100
200 20.2 16.6 24.8
203 17.7 14.2 21.2

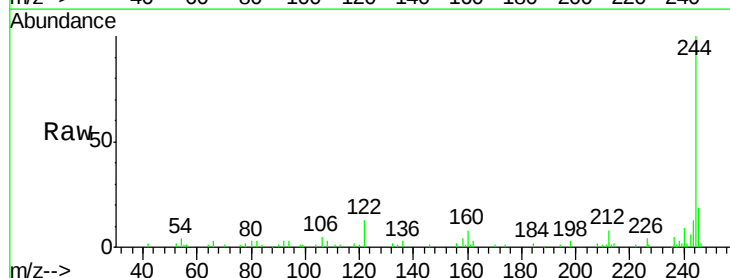


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

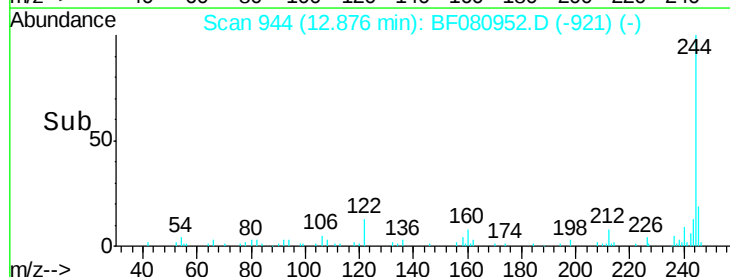
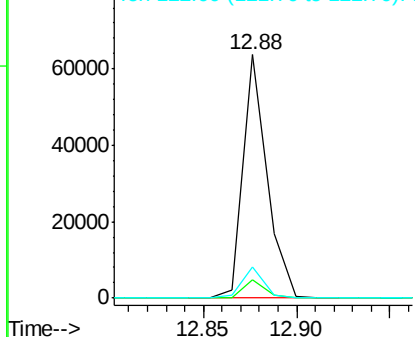


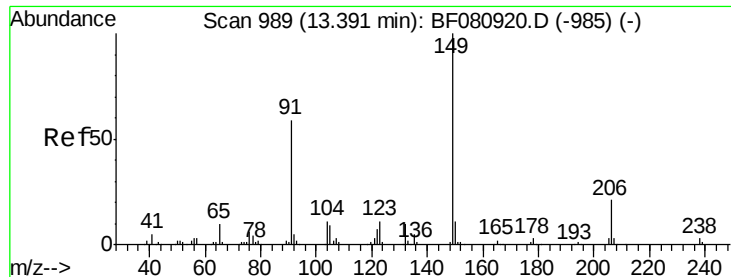
#78
Terphenyl-d14
Concen: 23.98 ng
RT: 12.88 min Scan# 944
Delta R.T. -0.03 min
Lab File: BF080952.D
Acq: 10 Aug 2015 15:31

Tgt Ion:244 Resp: 56883
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.8
122 13.0 9.4 14.2



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

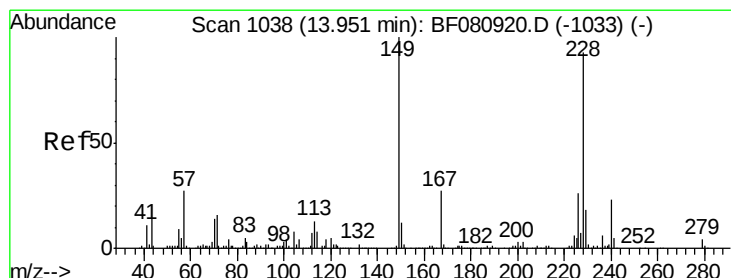
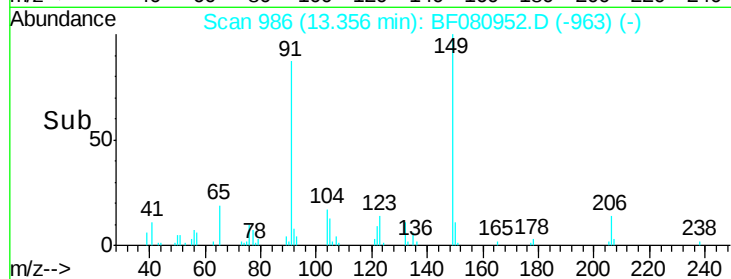
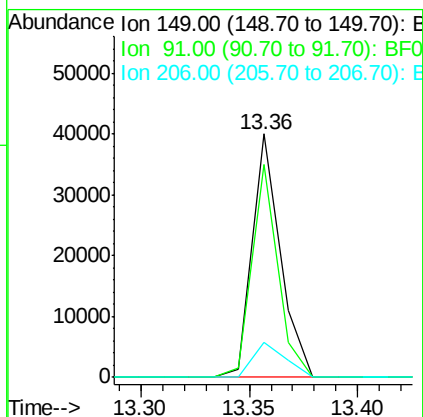
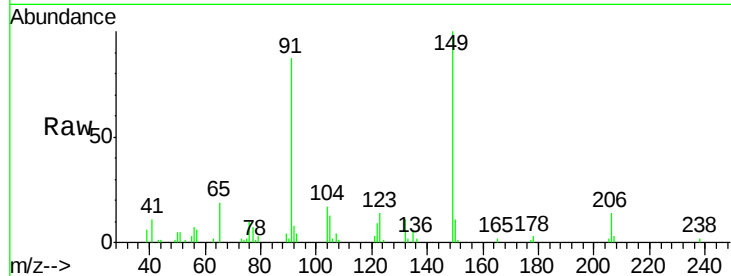




#79
Butylbenzylphthalate
Concen: 20.61 ng
RT: 13.36 min Scan# 986
Delta R.T. -0.03 min
Lab File: BF080952.D
Acq: 10 Aug 2015 15:31

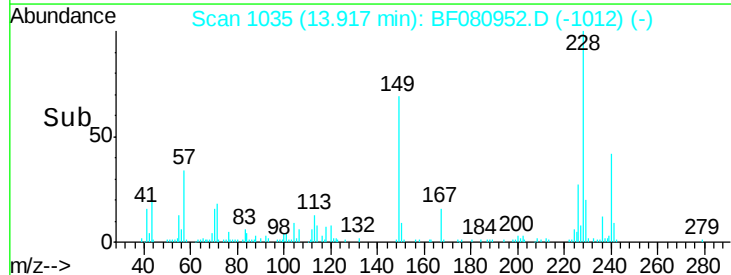
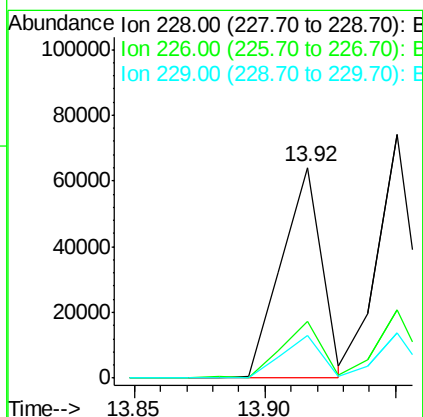
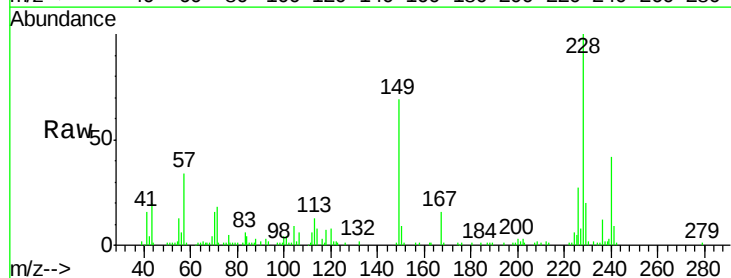
Instrument :
BNA_F
ClientSampleID :
PB84904BS

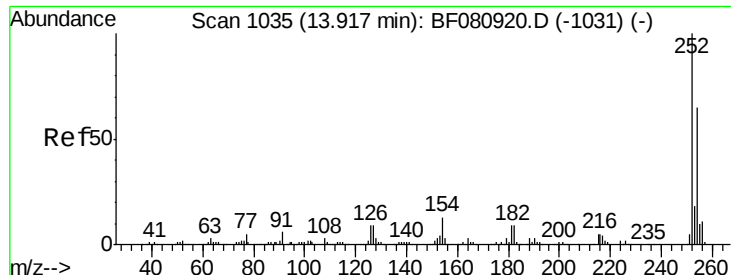
Tot Ion:149 Resp: 35962
Ion Ratio Lower Upper
149 100
91 87.2 47.2 70.8#
206 14.4 16.5 24.7#



#80
Benzo(a)anthracene
Concen: 22.14 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF080952.D
Acq: 10 Aug 2015 15:31

Tgt Ion:228 Resp: 68508
Ion Ratio Lower Upper
228 100
226 26.8 22.2 33.2
229 19.9 15.8 23.6

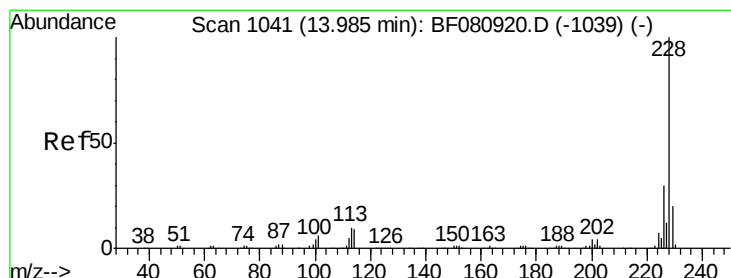
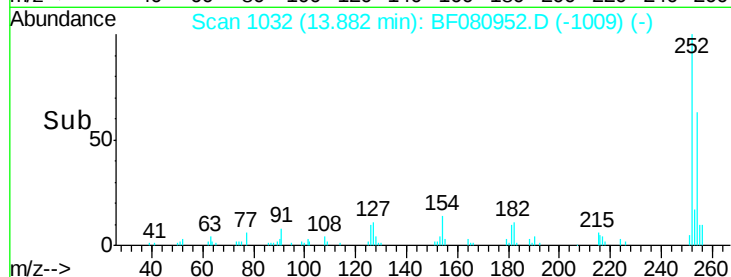
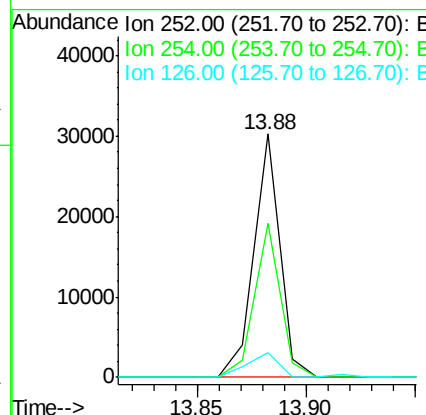
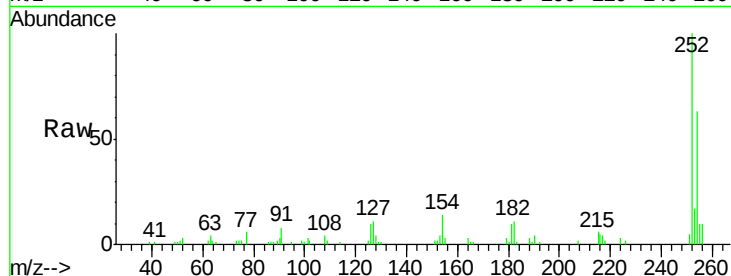




#81
 3,3'-Dichlorobenzidine
 Concen: 22.30 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.03 min
 Lab File: BF080952.D
 Acq: 10 Aug 2015 15:31

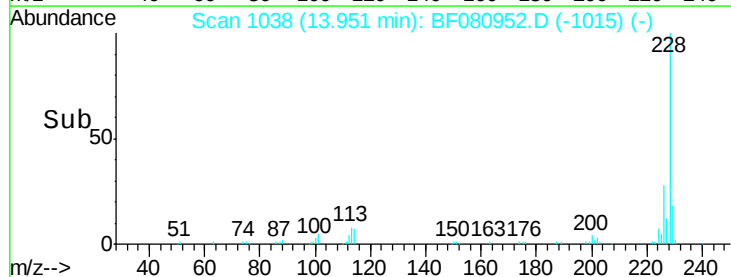
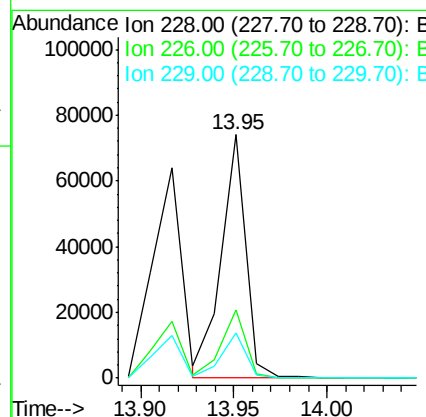
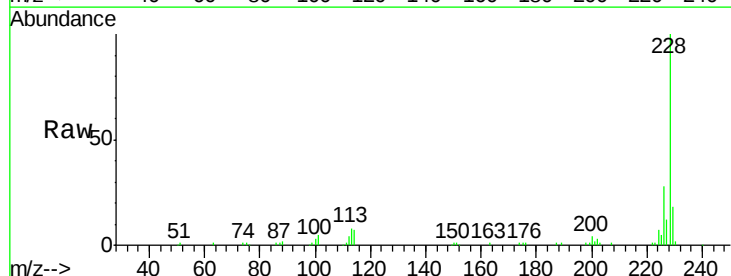
Instrument :
 BNA_F
 ClientSampleId :
 PB84904BS

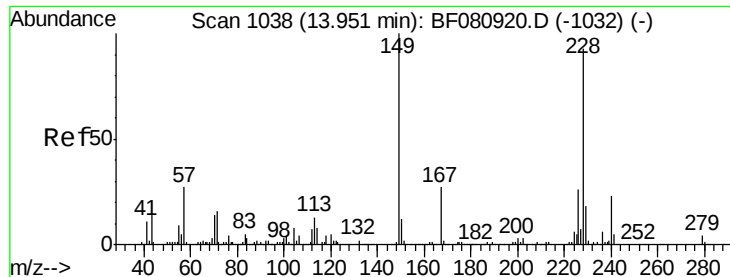
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.0	51.7	77.5
126	10.1	7.1	10.7



#82
 Chrysene
 Concen: 22.85 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.03 min
 Lab File: BF080952.D
 Acq: 10 Aug 2015 15:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.9	35.9
229	18.5	15.8	23.6

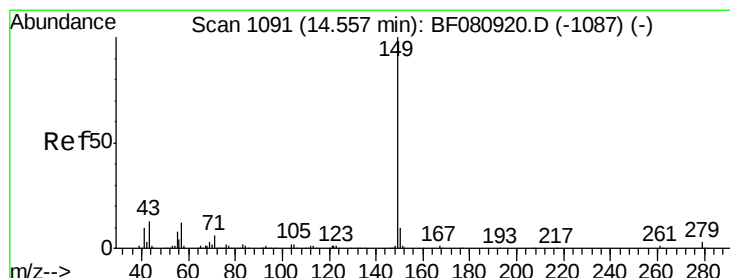
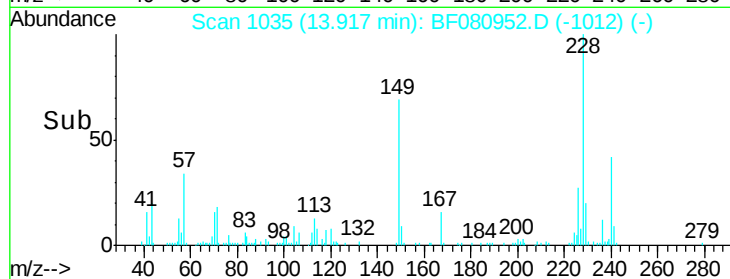
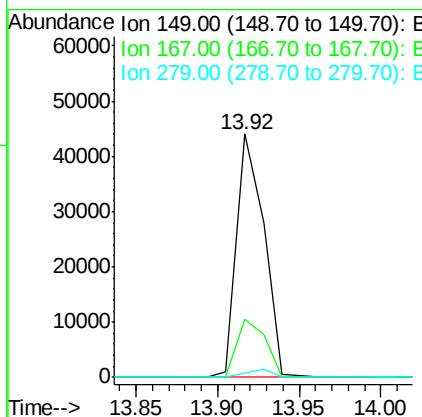
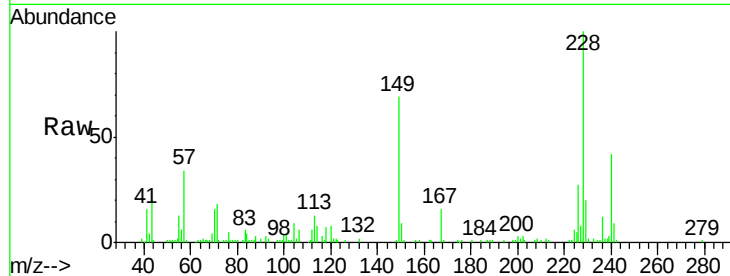




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 20.88 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.03 min
 Lab File: BF080952.D
 Acq: 10 Aug 2015 15:31

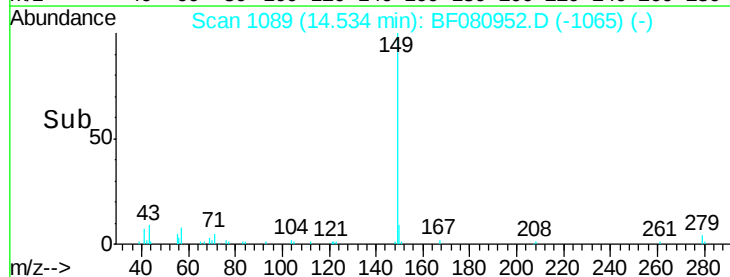
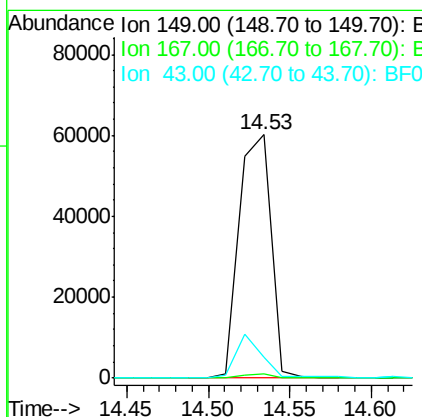
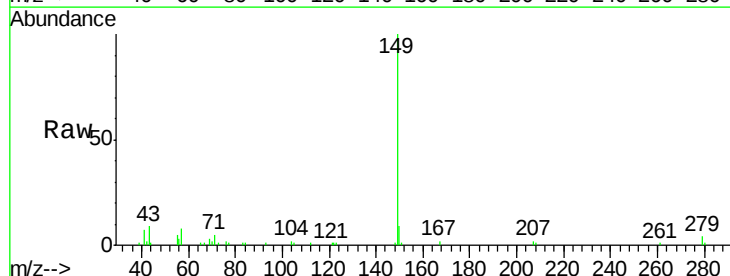
Instrument :
 BNA_F
 ClientSampleId :
 PB84904BS

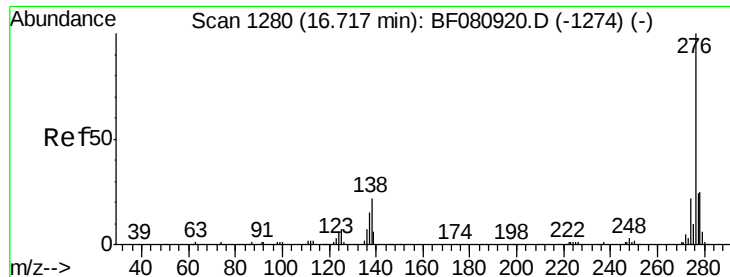
Tot Ion	Ratio	Lower	Upper
149	100		
167	23.7	21.4	32.0
279	1.6	2.9	4.3#



#84
 Di-n-octyl phthalate
 Concen: 19.69 ng
 RT: 14.53 min Scan# 1089
 Delta R.T. -0.02 min
 Lab File: BF080952.D
 Acq: 10 Aug 2015 15:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	15.5	11.0	16.4

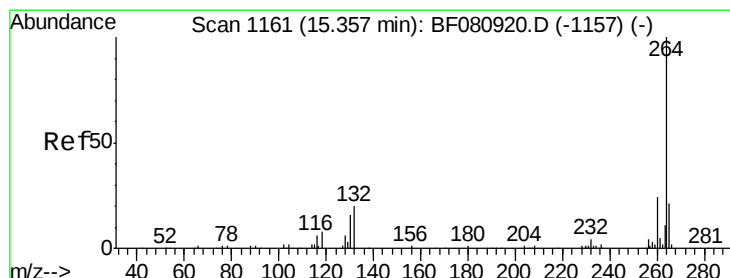
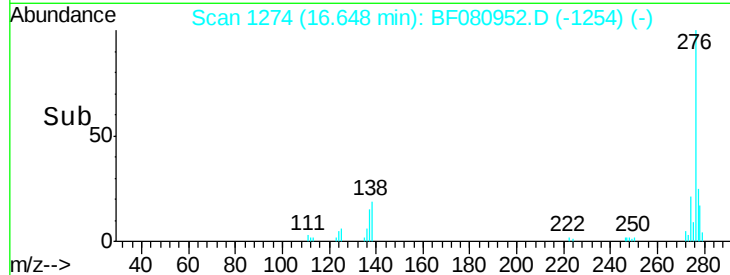
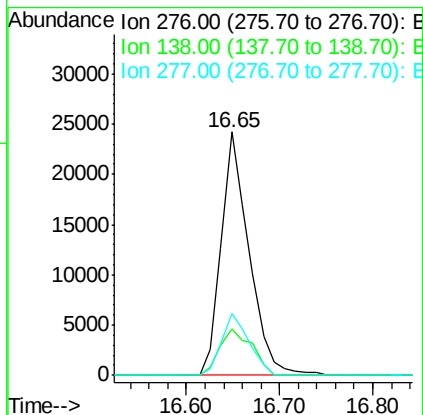
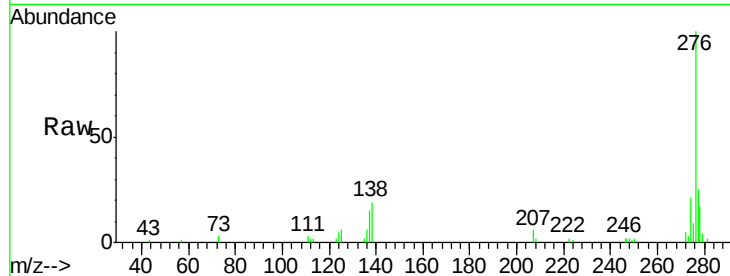




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 17.82 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. -0.07 min
 Lab File: BF080952.D
 Acq: 10 Aug 2015 15:31

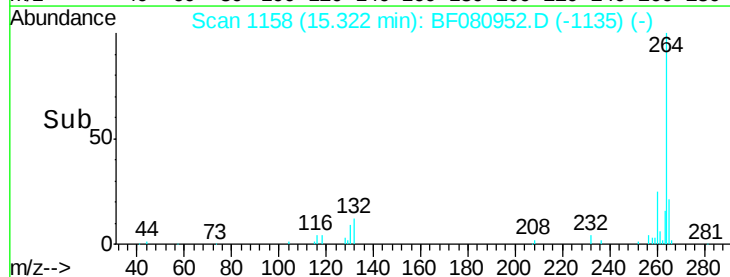
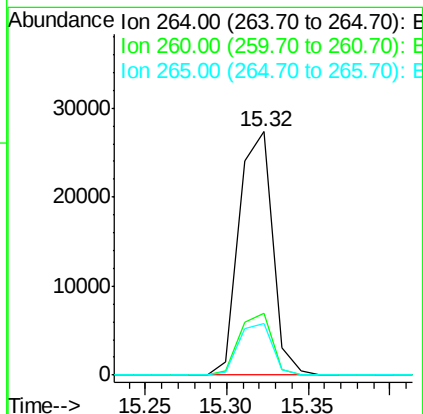
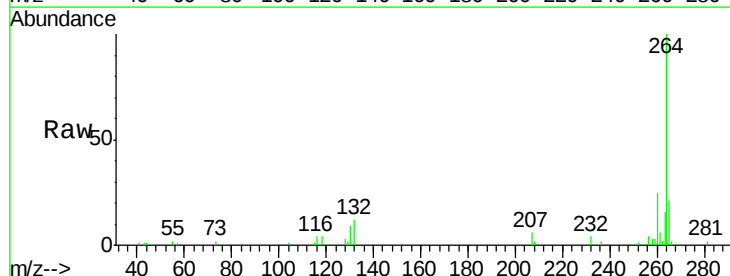
Instrument :
 BNA_F
 ClientSampleId :
 PB84904BS

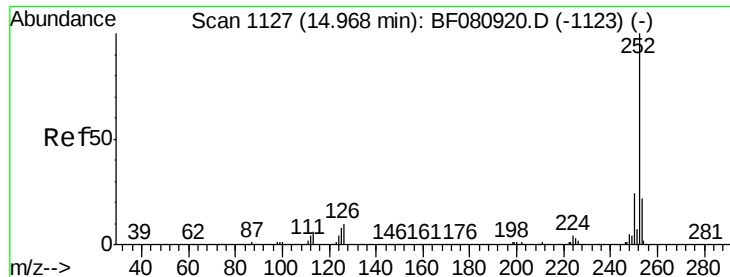
Tot Ion:276 Resp: 50241
 Ion Ratio Lower Upper
 276 100
 138 22.1 19.9 29.9
 277 24.9 19.7 29.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.03 min
 Lab File: BF080952.D
 Acq: 10 Aug 2015 15:31

Tgt Ion:264 Resp: 38663
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.4 29.0
 265 21.3 17.0 25.4





#87

Benzo(b)fluoranthene

Concen: 42.04 ng

RT: 14.92 min Scan# 1123

Delta R.T. -0.05 min

Lab File: BF080952.D

Acq: 10 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB84904BS

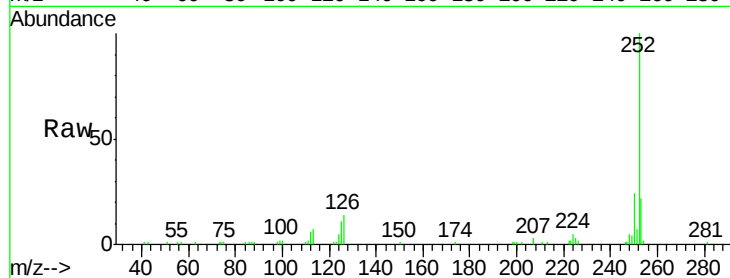
Tot Ion:252 Resp: 113028

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

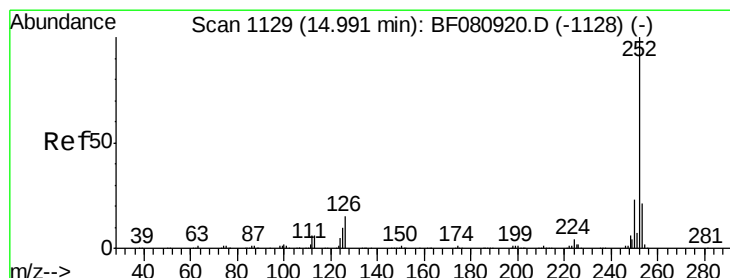
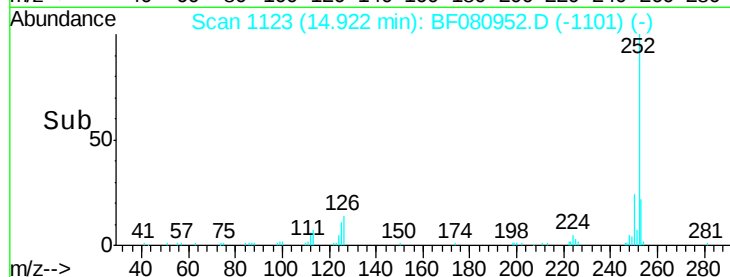
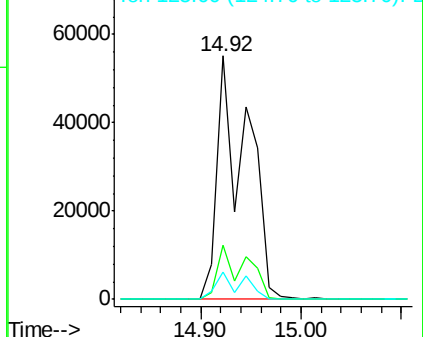
125 11.0 6.1 9.1#



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



#88

Benzo(k)fluoranthene

Concen: 48.06 ng

RT: 14.92 min Scan# 1123

Delta R.T. -0.07 min

Lab File: BF080952.D

Acq: 10 Aug 2015 15:31

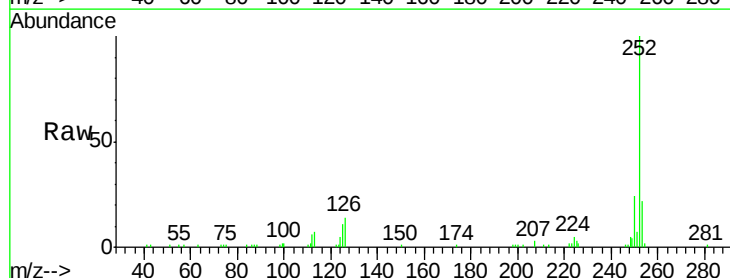
Tgt Ion:252 Resp: 113028

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

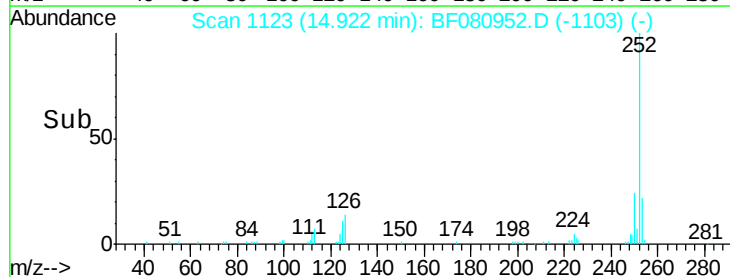
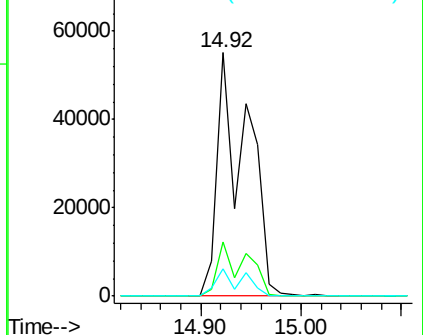
125 11.0 9.0 13.6

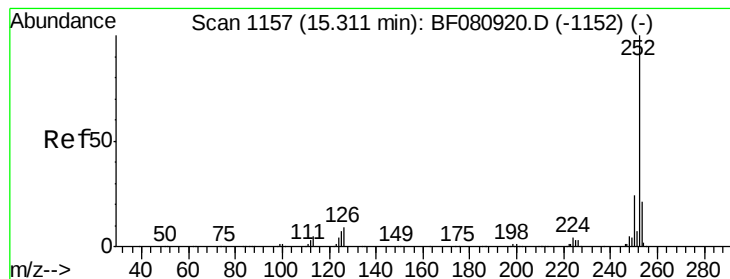


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 20.17 ng

RT: 15.25 min Scan# 1152

Delta R.T. -0.06 min

Lab File: BF080952.D

Acq: 10 Aug 2015 15:31

Instrument :

BNA_F

ClientSampleId :

PB84904BS

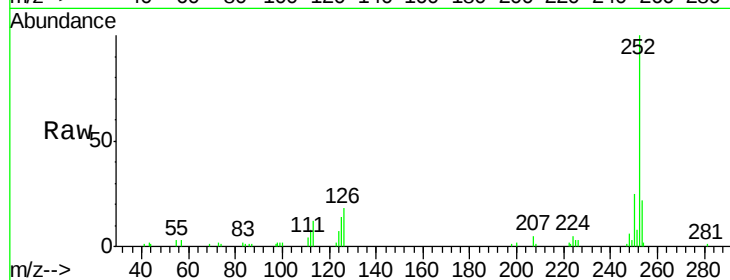
Tot Ion:252 Resp: 46598

Ion Ratio Lower Upper

252 100

253 22.0 16.9 25.3

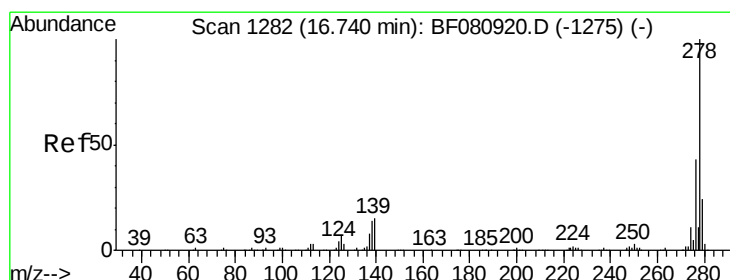
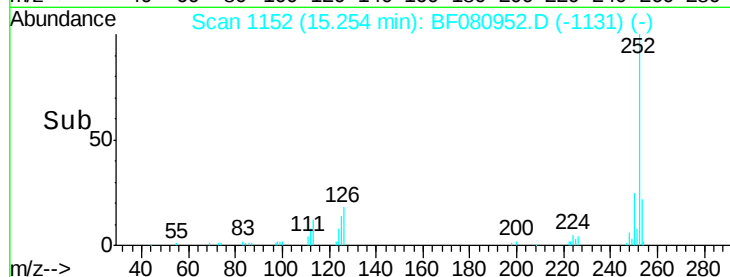
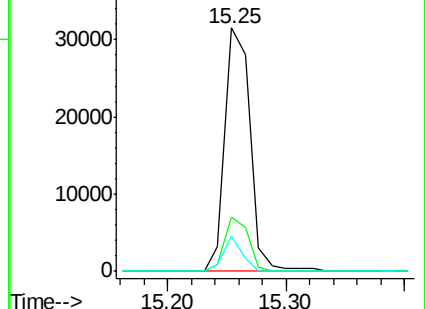
125 14.3 5.8 8.8#



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



#90

Dibenzo(a,h)anthracene

Concen: 20.80 ng

RT: 16.67 min Scan# 1276

Delta R.T. -0.07 min

Lab File: BF080952.D

Acq: 10 Aug 2015 15:31

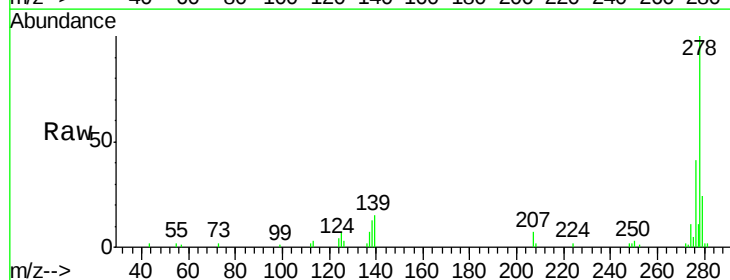
Tgt Ion:278 Resp: 42505

Ion Ratio Lower Upper

278 100

139 14.9 11.9 17.9

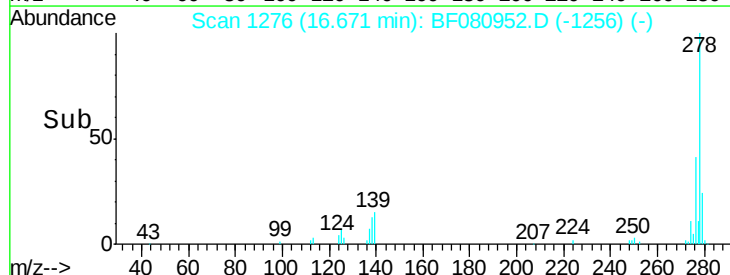
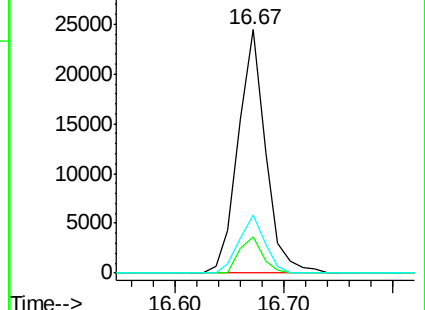
279 24.0 19.0 28.6

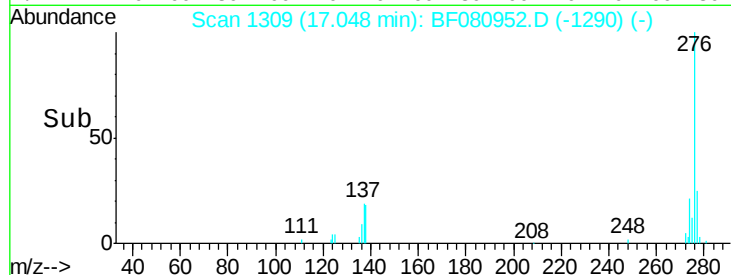
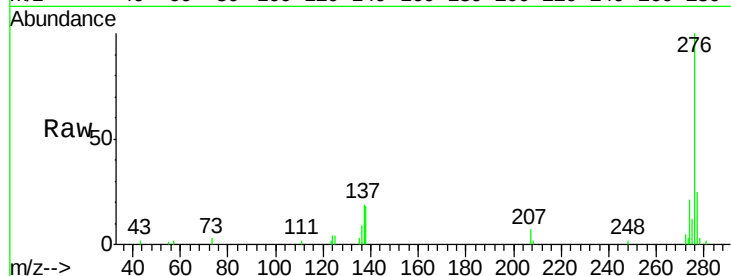
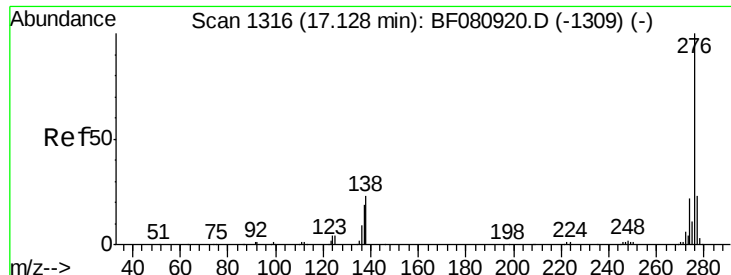


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 20.70 ng
 RT: 17.05 min Scan# 1309
 Delta R.T. -0.08 min
 Lab File: BF080952.D
 Acq: 10 Aug 2015 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB84904BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.6	28.0
138	17.7	18.4	27.6

