

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
 Data File : BF080237.D
 Acq On : 30 Jun 2015 15:39
 Operator : TP/IZ
 Sample : PB84270BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84270BS

Quant Time: Jul 01 01:16:24 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	25482	20.00	ng	-0.05
21) Naphthalene-d8	8.57	136	93428	20.00	ng	-0.05
38) Acenaphthene-d10	10.34	164	48416	20.00	ng	-0.05
63) Phenanthrene-d10	11.86	188	95279	20.00	ng	-0.05
75) Chrysene-d12	15.03	240	101551	20.00	ng	0.03
86) Perylene-d12	17.03	264	97356	20.00	ng	0.10

System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	164725	114.43	ng	-0.03
7) Phenol-d6	6.89	99	227054	118.53	ng	-0.03
23) Nitrobenzene-d5	7.84	82	207778	129.47	ng	-0.03
41) 2,4,6-Tribromophenol	11.14	330	56840	120.06	ng	-0.03
44) 2-Fluorobiphenyl	9.65	172	381780	112.45	ng	-0.05
78) Terphenyl-d14	13.66	244	466484	107.28	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	26852	39.24	ng	# 80
3) Pyridine	3.96	79	105405	57.93	ng	87
4) n-Nitrosodimethylamine	3.86	42	48311	55.86	ng	92
6) Aniline	6.94	93	106551	40.43	ng	94
8) 2-Chlorophenol	7.06	128	96034	57.72	ng	87
9) Benzaldehyde	6.82	77	48780	44.11	ng	# 65
10) Phenol	6.90	94	132333	63.30	ng	82
11) bis(2-Chloroethyl)ether	7.01	93	88096	53.12	ng	84
12) 1,3-Dichlorobenzene	7.46	146	97811	48.94	ng	98
13) 1,4-Dichlorobenzene	7.30	146	113856	59.90	ng	96
14) 1,2-Dichlorobenzene	7.46	146	97799	52.87	ng	96
15) Benzyl Alcohol	7.41	79	79377	50.68	ng	# 73
16) 2,2'-oxybis(1-Chloropropan	7.56	45	151989	61.74	ng	84
17) 2-Methylphenol	7.52	107	78396	55.16	ng	# 87
18) Hexachloroethane	7.81	117	37066	58.57	ng	# 81
19) n-Nitroso-di-n-propylamine	7.68	70	72684	54.65	ng	# 75
20) 3+4-Methylphenols	7.67	107	106591	58.12	ng	90
22) Acetophenone	7.68	105	129115	59.30	ng	# 80
24) Nitrobenzene	7.86	77	101017	60.98	ng	# 77
25) Isophorone	8.09	82	177050	54.82	ng	# 81
26) 2-Nitrophenol	8.18	139	50678	73.09	ng	# 75
27) 2,4-Dimethylphenol	8.21	122	98493	68.13	ng	# 85
28) bis(2-Chloroethoxy)methane	8.30	93	109781	57.85	ng	# 91
29) 2,4-Dichlorophenol	8.42	162	89332	72.15	ng	100
30) 1,2,4-Trichlorobenzene	8.52	180	94676	67.33	ng	99
31) Naphthalene	8.60	128	283658	58.07	ng	99
32) Benzoic acid	8.28	122	37992	43.46	ng	# 70
33) 4-Chloroaniline	8.64	127	63661	30.45	ng	# 98
34) Hexachlorobutadiene	8.72	225	51277	59.23	ng	98
35) Caprolactam	8.97	113	23281	57.93	ng	# 74
36) 4-Chloro-3-methylphenol	9.11	107	87642	62.76	ng	91
37) 2-Methylnaphthalene	9.29	142	207230	65.59	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	9.46	216	96900	68.78	ng	97
40) Hexachlorocyclopentadiene	9.45	237	86975	116.84	ng	95

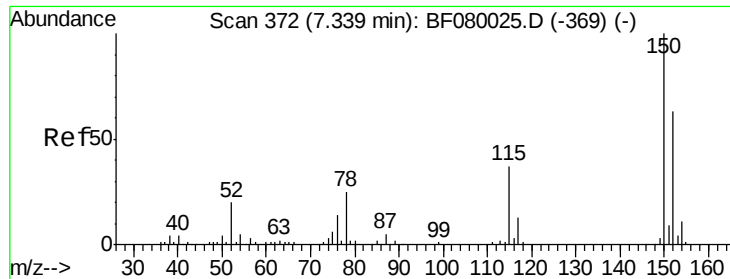
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.57	196	64192	66.96	ng	100
43) 2,4,5-Trichlorophenol	9.60	196	60156	54.46	ng #	85
45) 1,1'-Biphenyl	9.76	154	228054	57.89	ng	95
46) 2-Chloronaphthalene	9.78	162	185131	57.92	ng	95
47) 2-Nitroaniline	9.88	65	50892	58.00	ng	96
48) Acenaphthylene	10.21	152	323569	60.65	ng	98
49) Dimethylphthalate	10.05	163	227562	62.52	ng #	97
50) 2,6-Dinitrotoluene	10.12	165	44264	60.66	ng #	88
51) Acenaphthene	10.38	154	199933	61.26	ng	90
52) 3-Nitroaniline	10.29	138	33780	40.12	ng #	97
53) 2,4-Dinitrophenol	10.39	184	45198	146.91	ng #	1
54) Dibenzofuran	10.55	168	269472	58.19	ng #	88
55) 4-Nitrophenol	10.42	139	75011	111.46	ng #	28
56) 2,4-Dinitrotoluene	10.52	165	63783	68.88	ng #	76
57) Fluorene	10.90	166	225510	61.37	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.66	232	51292	55.01	ng	97
59) Diethylphthalate	10.76	149	208740	56.95	ng	95
60) 4-Chlorophenyl-phenylether	10.88	204	100554	56.94	ng #	82
61) 4-Nitroaniline	10.89	138	46540	53.52	ng #	38
62) Azobenzene	11.04	77	205997	55.21	ng #	84
64) 4,6-Dinitro-2-methylphenol	10.94	198	27324	54.26	ng #	58
65) n-Nitrosodiphenylamine	11.00	169	183623	59.18	ng	93
66) 4-Bromophenyl-phenylether	11.38	248	62787	61.98	ng	95
67) Hexachlorobenzene	11.46	284	64865	57.61	ng #	82
68) Atrazine	11.53	200	57589	58.75	ng	84
69) Pentachlorophenol	11.66	266	67185	105.30	ng	100
70) Phenanthrene	11.90	178	342575	59.39	ng	97
71) Anthracene	11.96	178	338789	61.00	ng	99
72) Carbazole	12.10	167	300785	56.72	ng	96
73) Di-n-butylphthalate	12.45	149	328849	53.68	ng #	98
74) Fluoranthene	13.22	202	353274	57.50	ng	86
76) Benzidine	13.35	184	186064	65.55	ng	98
77) Pyrene	13.49	202	377626	60.40	ng	96
79) Butylbenzylphthalate	14.25	149	150282	59.85	ng	90
80) Benzo(a)anthracene	15.02	228	349861	56.55	ng	97
81) 3,3'-Dichlorobenzidine	14.96	252	67357	31.57	ng #	96
82) Chrysene	15.08	228	335346	58.78	ng	95
83) Bis(2-ethylhexyl)phthalate	15.02	149	215066	54.20	ng #	94
84) Di-n-octyl phthalate	15.91	149	370584	54.50	ng #	94
85) Indeno(1,2,3-cd)pyrene	18.89	276	382296	53.14	ng #	88
87) Benzo(b)fluoranthene	16.49	252	382082	64.82	ng #	87
88) Benzo(k)fluoranthene	16.53	252	298050	49.65	ng #	89
89) Benzo(a)pyrene	16.95	252	332374	59.37	ng #	89
90) Dibenzo(a,h)anthracene	18.92	278	324848	56.70	ng #	82
91) Benzo(g,h,i)perylene	19.44	276	327072	56.54	ng #	78

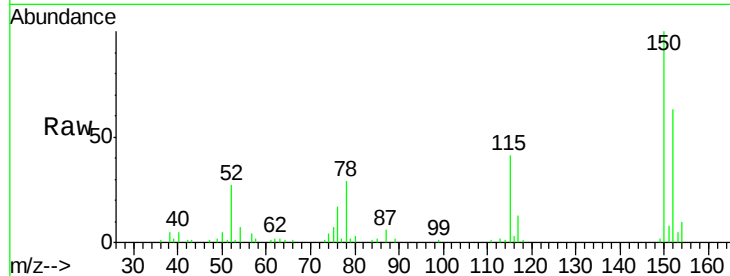
(#) = qualifier out of range (m) = manual integration (+) = signals summed



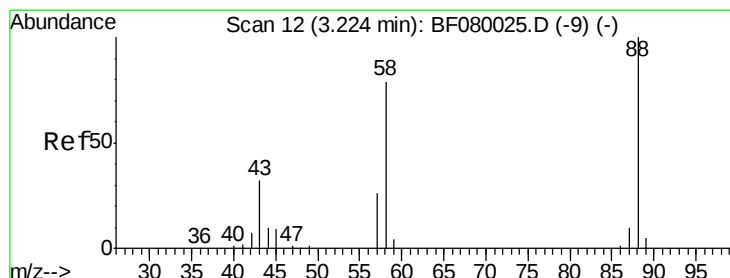
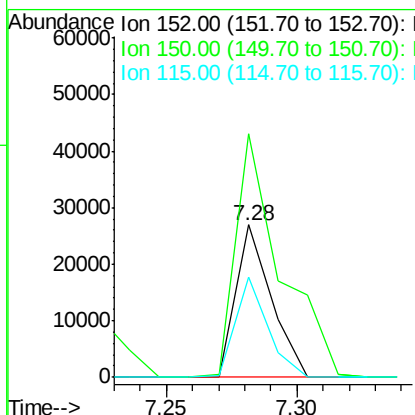
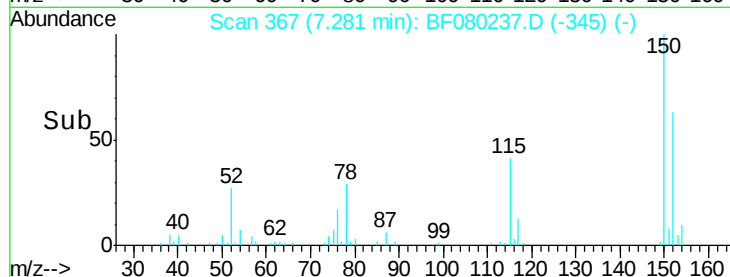
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.28 min Scan# 367
 Delta R.T. -0.05 min
 Lab File: BF080237.D
 Acq: 30 Jun 2015 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84270BS

Tgt Ion:152 Resp: 25482
 Ion Ratio Lower Upper
 152 100
 150 160.0 124.7 187.1
 115 65.6 39.0 58.4#

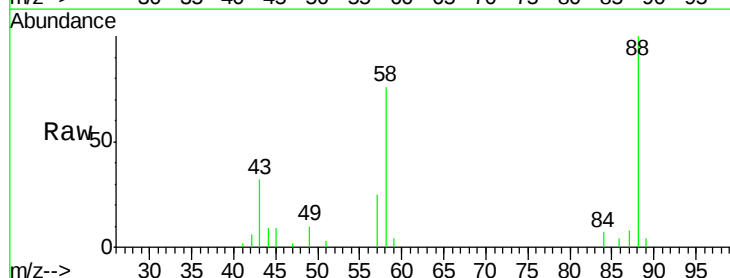


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

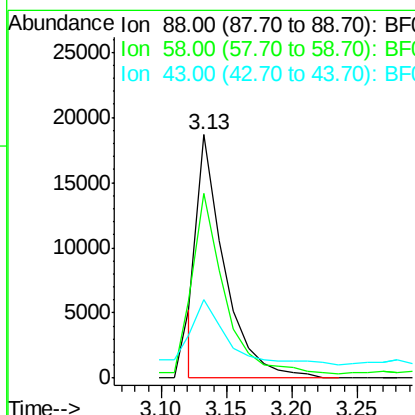
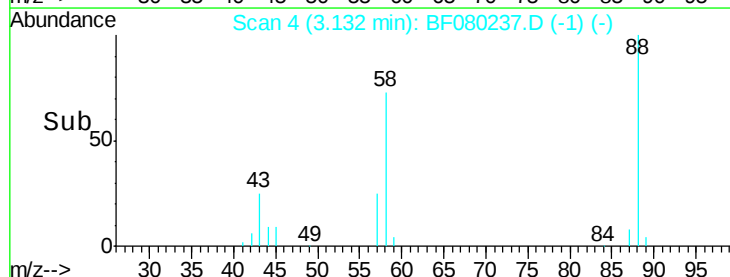


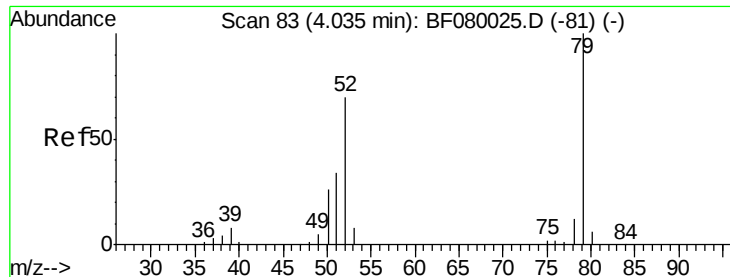
#2
 1,4-Dioxane
 Concen: 39.24 ng
 RT: 3.13 min Scan# 4
 Delta R.T. -0.06 min
 Lab File: BF080237.D
 Acq: 30 Jun 2015 15:39

Tgt Ion: 88 Resp: 26852
 Ion Ratio Lower Upper
 88 100
 58 73.0 77.7 116.5#
 43 28.7 26.6 40.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 57.93 ng

RT: 3.96 min Scan# 76

Delta R.T. -0.05 min

Lab File: BF080237.D

Acq: 30 Jun 2015 15:39

Instrument :

BNA_F

ClientSampleId :

PB84270BS

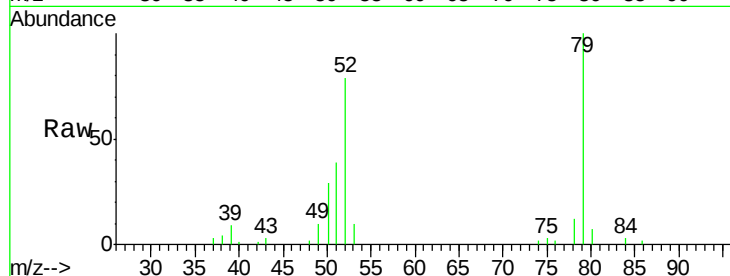
Tgt Ion: 79 Resp: 105405

Ion Ratio Lower Upper

79 100

52 79.4 76.8 115.2

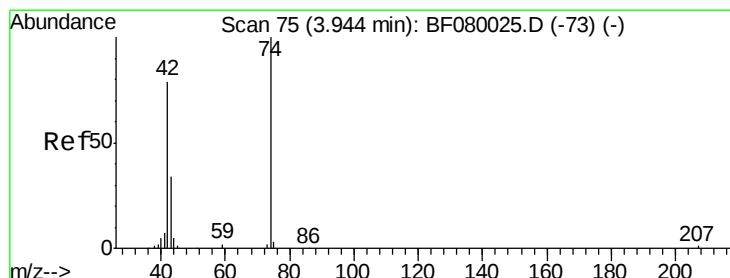
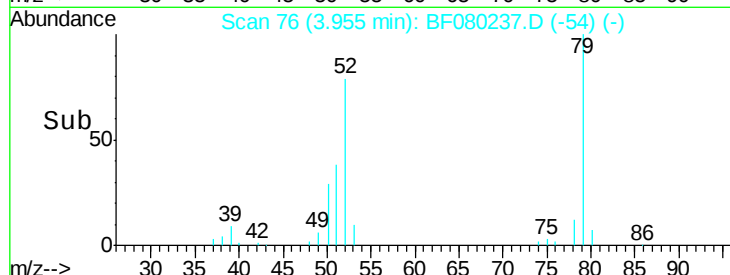
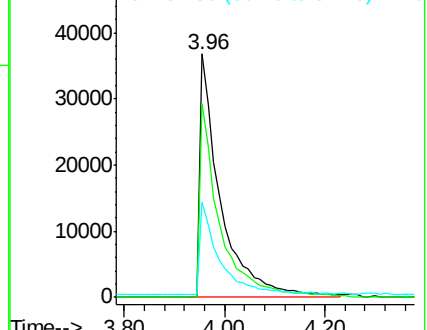
51 38.9 32.2 48.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 55.86 ng

RT: 3.86 min Scan# 68

Delta R.T. -0.06 min

Lab File: BF080237.D

Acq: 30 Jun 2015 15:39

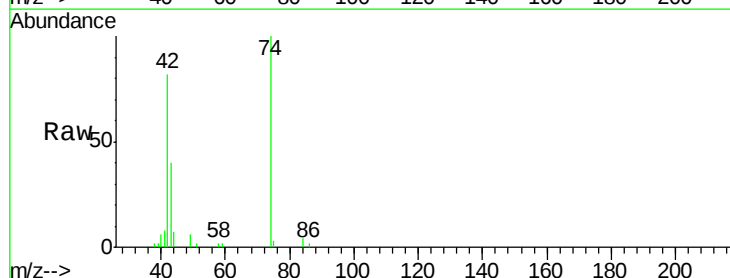
Tgt Ion: 42 Resp: 48311

Ion Ratio Lower Upper

42 100

74 121.3 105.0 157.6

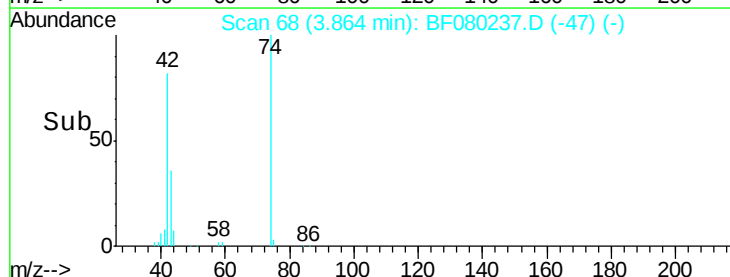
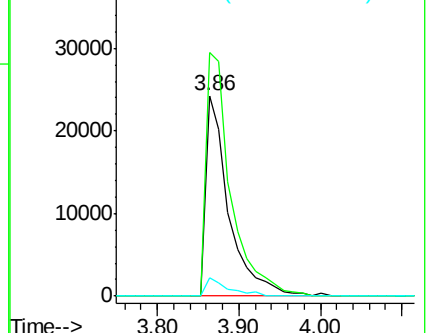
44 8.9 6.6 10.0

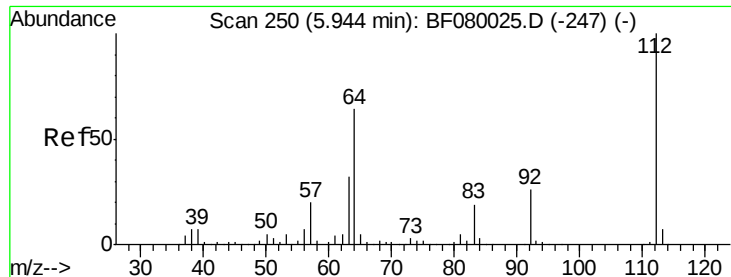


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 114.43 ng

RT: 5.90 min Scan# 246

Delta R.T. -0.03 min

Lab File: BF080237.D

Acq: 30 Jun 2015 15:39

Instrument :

BNA_F

ClientSampled :

PB84270BS

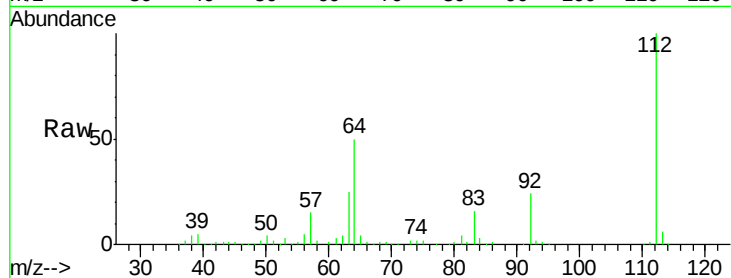
Tgt Ion: 112 Resp: 164725

Ion Ratio Lower Upper

112 100

64 50.3 39.7 59.5

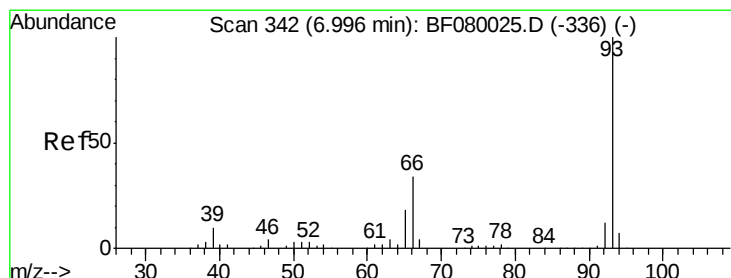
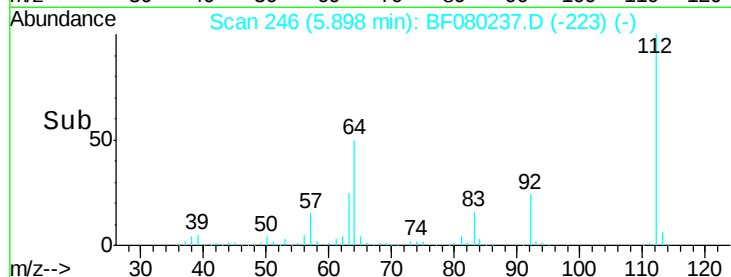
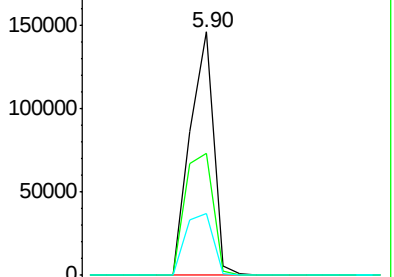
63 25.5 17.4 26.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.43 ng

RT: 6.94 min Scan# 337

Delta R.T. -0.03 min

Lab File: BF080237.D

Acq: 30 Jun 2015 15:39

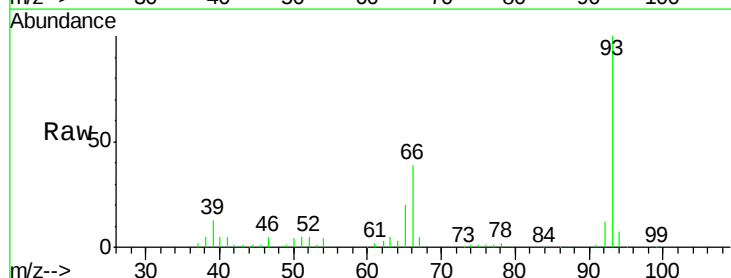
Tgt Ion: 93 Resp: 106551

Ion Ratio Lower Upper

93 100

66 38.7 27.2 40.8

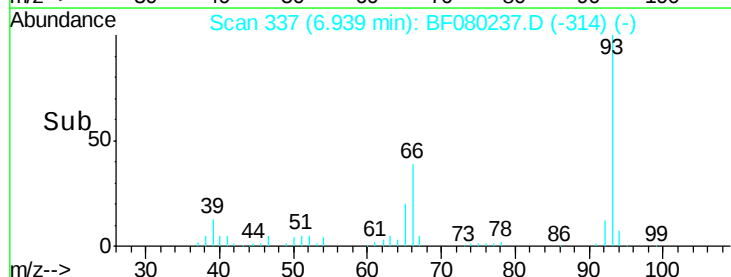
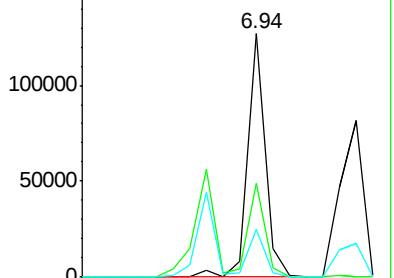
65 19.5 14.7 22.1



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: 118.53 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF080237.D

Acq: 30 Jun 2015 15:39

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PB84270BS

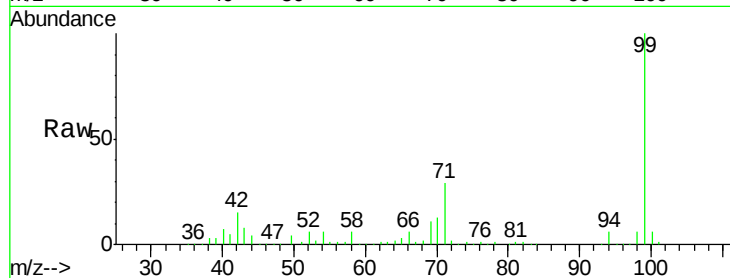
Tgt Ion: 99 Resp: 227054

Ion Ratio Lower Upper

99 100

42 15.3 13.7 20.5

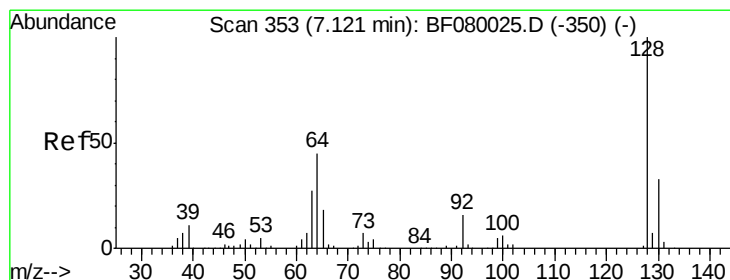
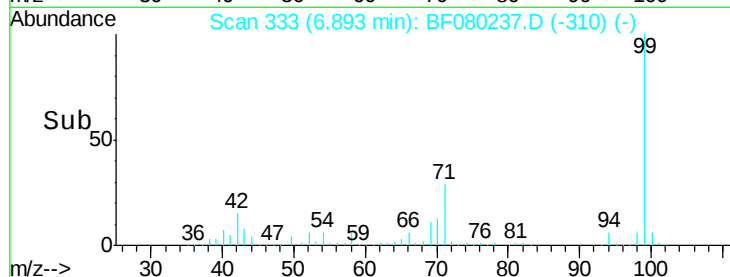
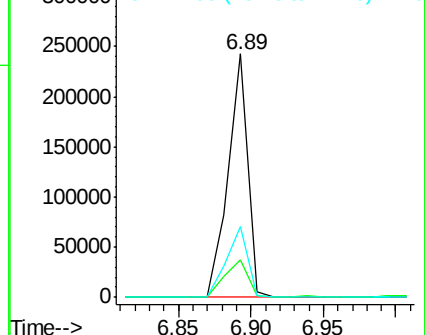
71 29.1 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 57.72 ng

RT: 7.06 min Scan# 348

Delta R.T. -0.05 min

Lab File: BF080237.D

Acq: 30 Jun 2015 15:39

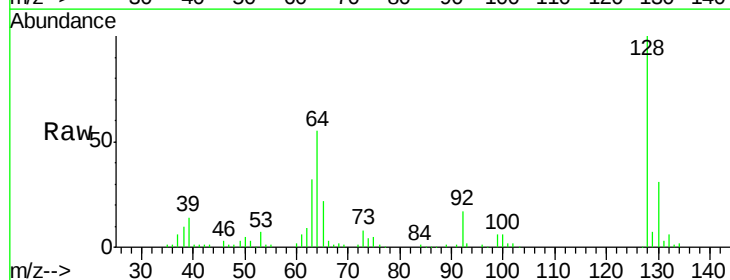
Tgt Ion: 128 Resp: 96034

Ion Ratio Lower Upper

128 100

130 31.5 12.2 52.2

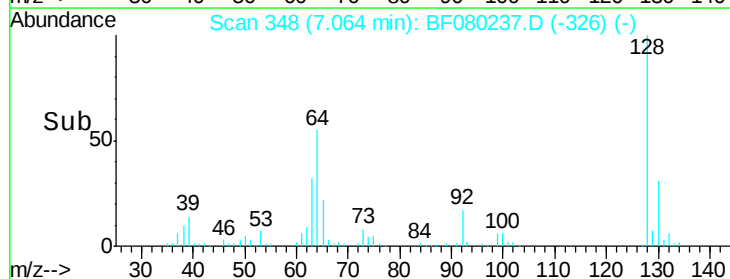
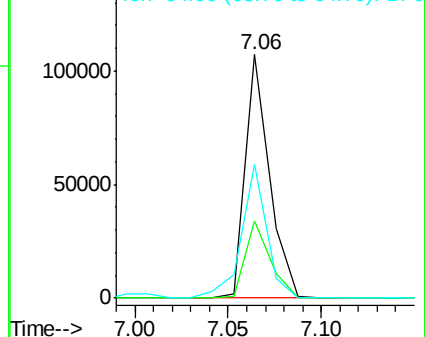
64 54.8 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 44.11 ng

RT: 6.82 min Scan# 327

Delta R.T. -0.05 min

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PB84270BS

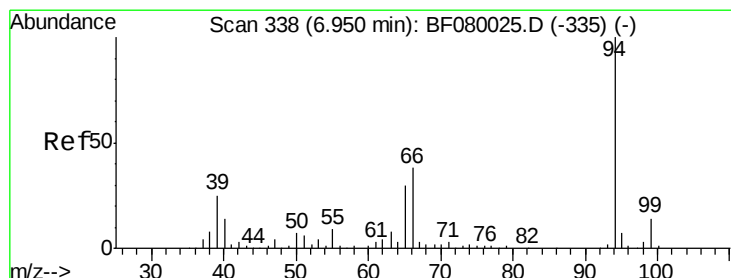
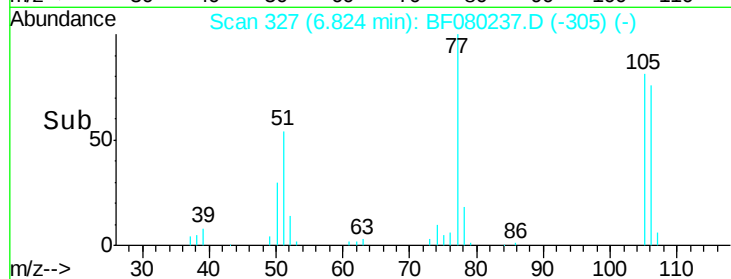
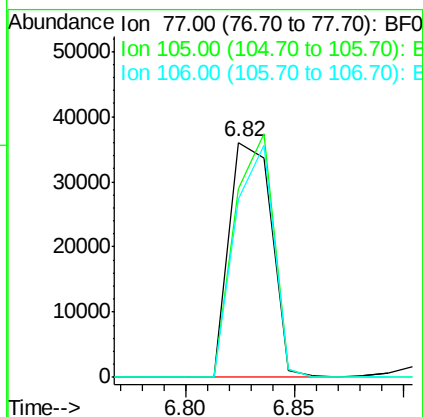
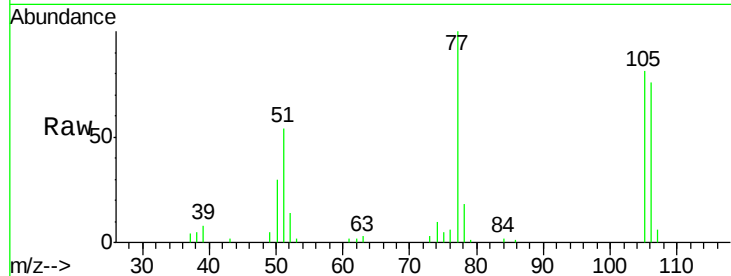
Tgt Ion: 77 Resp: 48780

Ion Ratio Lower Upper

77 100

105 80.6 91.6 131.6#

106 76.2 102.6 142.6#



#10

Phenol

Concen: 63.30 ng

RT: 6.90 min Scan# 334

Delta R.T. -0.03 min

Lab File: BF080237.D

Acq: 30 Jun 2015 15:39

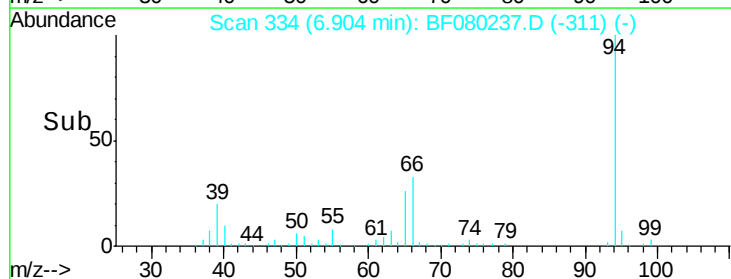
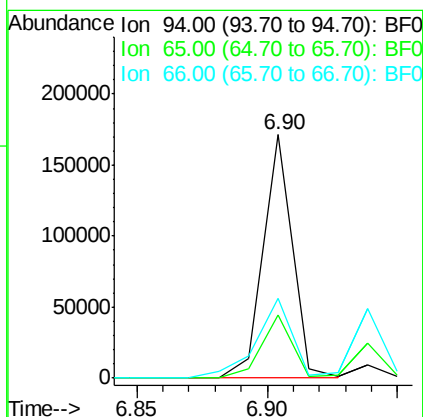
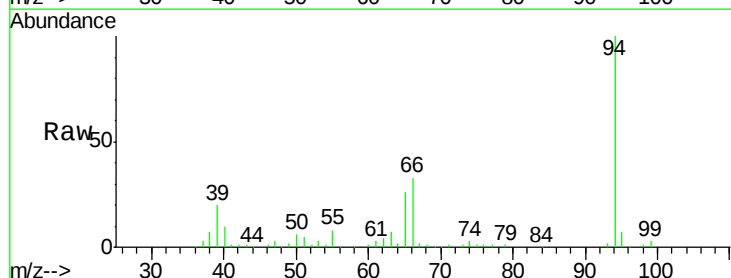
Tgt Ion: 94 Resp: 132333

Ion Ratio Lower Upper

94 100

65 25.9 0.7 40.7

66 32.8 0.8 40.8

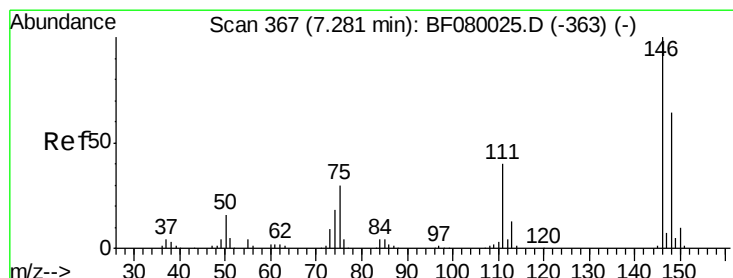
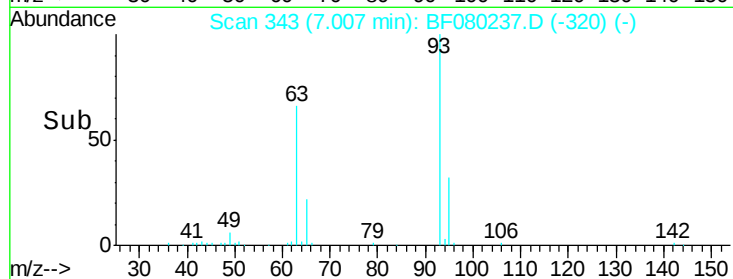
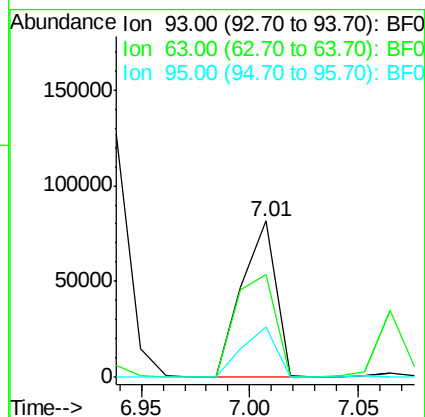
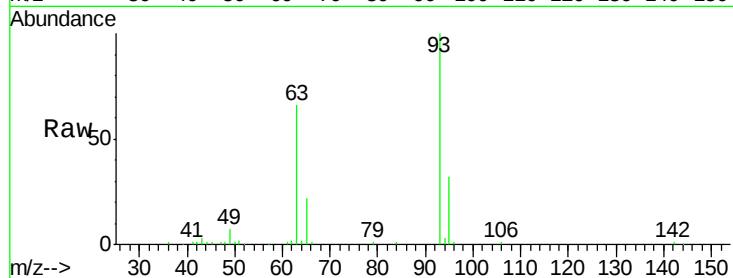




#11
bis(2-Chloroethyl)ether
Concen: 53.12 ng
RT: 7.01 min Scan# 343
Delta R.T. -0.03 min
Lab File: BF080237.D
Acq: 30 Jun 2015 15:39

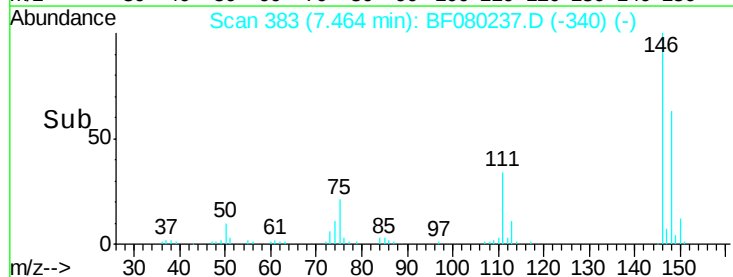
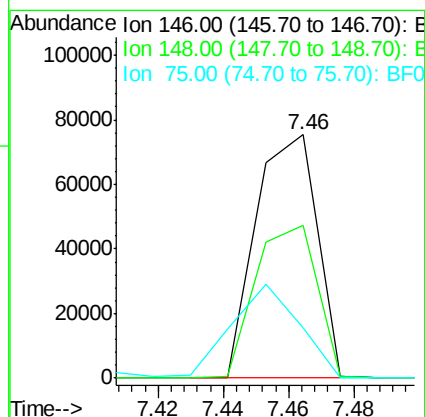
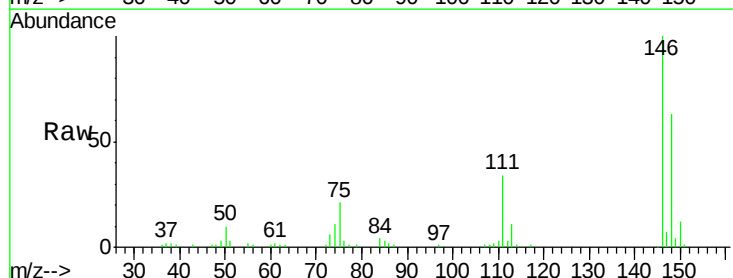
Instrument :
BNA_F
ClientSampleId :
PB84270BS

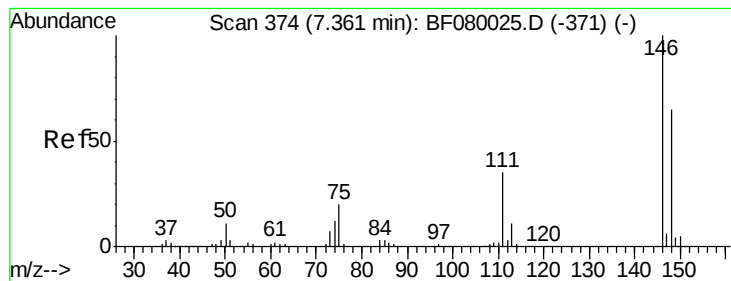
Tgt Ion: 93 Resp: 88096
Ion Ratio Lower Upper
93 100
63 66.3 65.6 105.6
95 32.3 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 48.94 ng
RT: 7.46 min Scan# 383
Delta R.T. 0.19 min
Lab File: BF080237.D
Acq: 30 Jun 2015 15:39

Tgt Ion: 146 Resp: 97811
Ion Ratio Lower Upper
146 100
148 62.9 51.0 76.4
75 20.7 15.0 22.6





#13

1,4-Dichlorobenzene

Concen: 59.90 ng

RT: 7.30 min Scan# 369

Delta R.T. -0.03 min

Lab File: BF080237.D

Acq: 30 Jun 2015 15:39

Instrument :

BNA_F

ClientSampleId :

PB84270BS

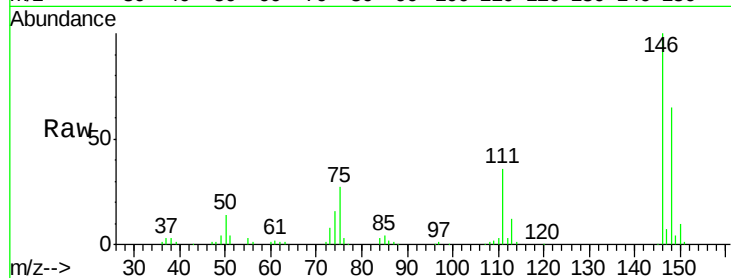
Tgt Ion:146 Resp: 113856

Ion Ratio Lower Upper

146 100

148 65.2 51.8 77.6

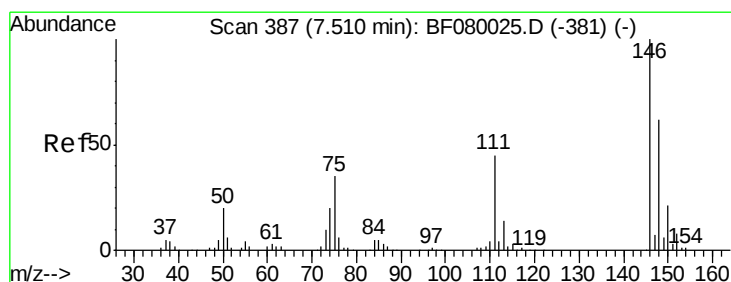
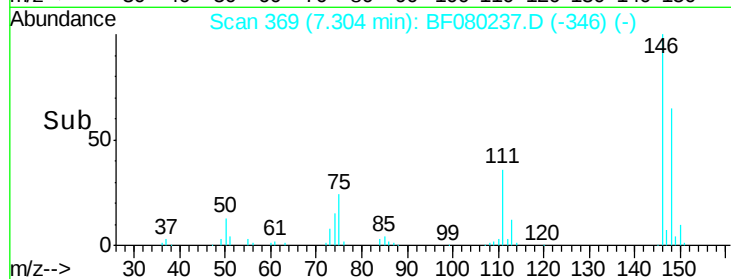
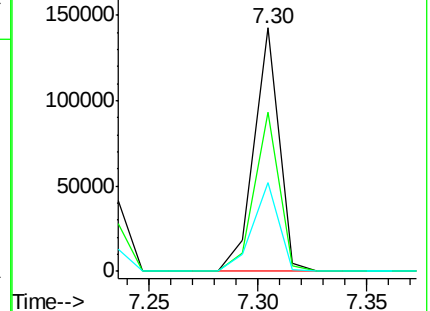
111 36.4 24.9 37.3



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: 52.87 ng

RT: 7.46 min Scan# 383

Delta R.T. -0.03 min

Lab File: BF080237.D

Acq: 30 Jun 2015 15:39

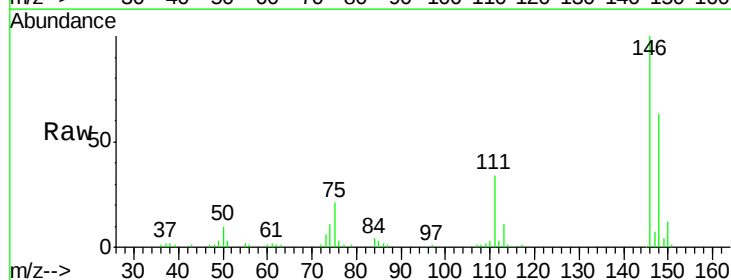
Tgt Ion:146 Resp: 97799

Ion Ratio Lower Upper

146 100

148 62.9 52.7 79.1

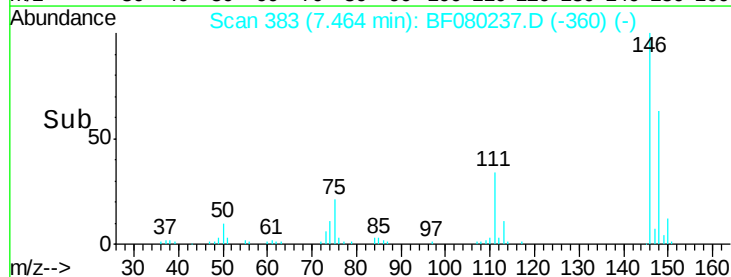
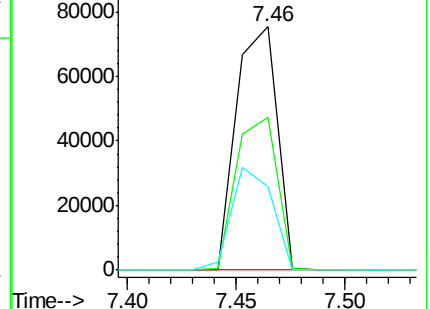
111 34.2 28.8 43.2



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: 50.68 ng

RT: 7.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF080237.D

Acq: 30 Jun 2015 15:39

Instrument :

BNA_F

ClientSampleId :

PB84270BS

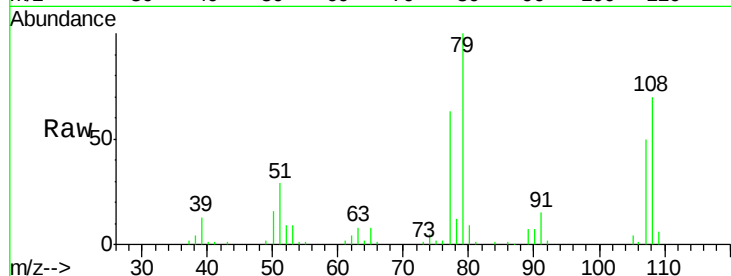
Tgt Ion: 79 Resp: 79377

Ion Ratio Lower Upper

79 100

108 69.8 88.6 132.8#

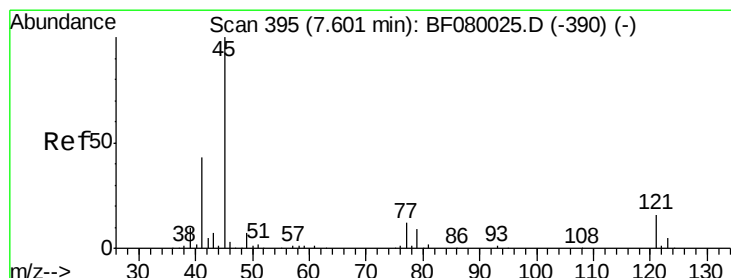
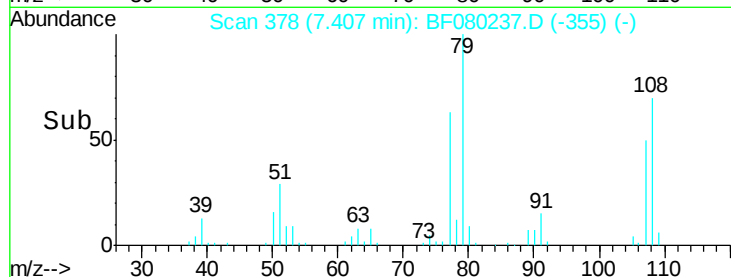
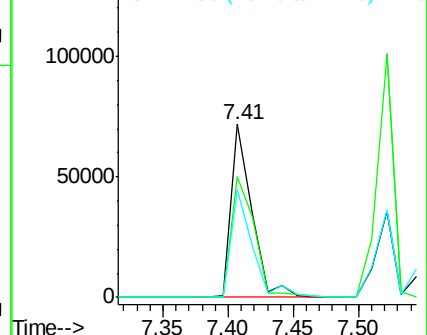
77 62.7 47.0 70.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 61.74 ng

RT: 7.56 min Scan# 391

Delta R.T. -0.03 min

Lab File: BF080237.D

Acq: 30 Jun 2015 15:39

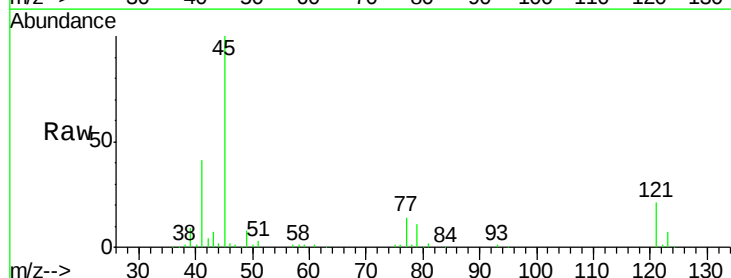
Tgt Ion: 45 Resp: 151989

Ion Ratio Lower Upper

45 100

77 14.0 0.0 28.1

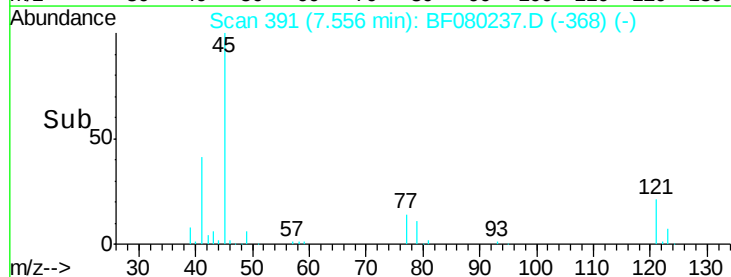
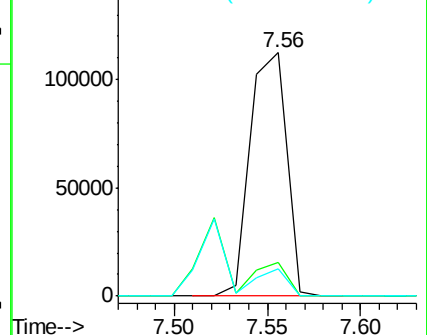
79 11.0 0.0 26.0

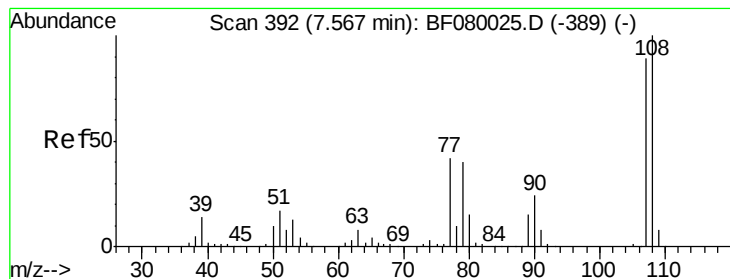


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

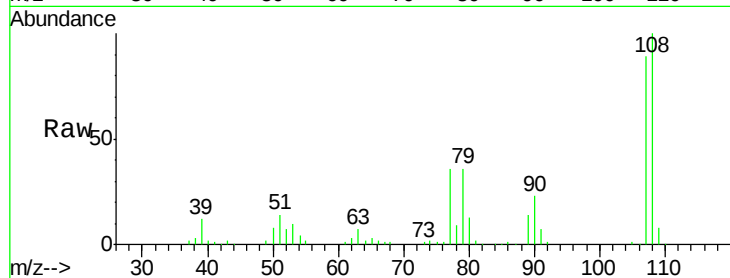




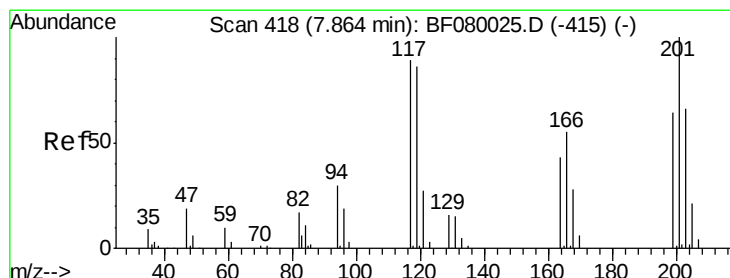
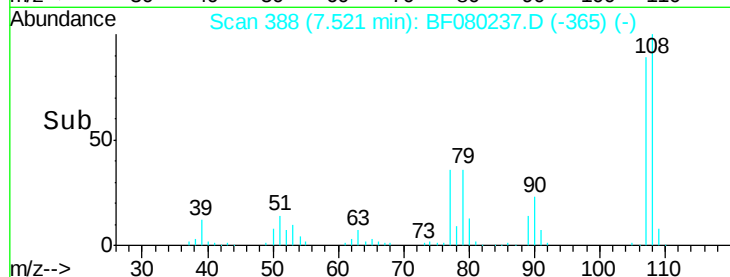
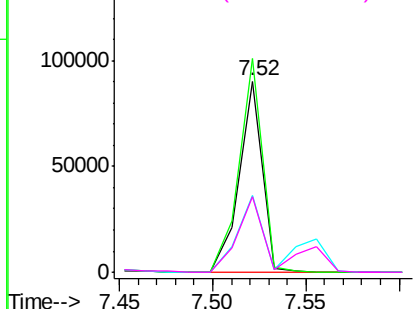
#17
 2-Methylphenol
 Concen: 55.16 ng
 RT: 7.52 min Scan# 388
 Delta R.T. -0.03 min
 Lab File: BF080237.D
 Acq: 30 Jun 2015 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84270BS

Tgt Ion:107 Resp: 78396
 Ion Ratio Lower Upper
 107 100
 108 111.9 96.6 145.0
 77 40.4 23.3 34.9#
 79 39.8 22.0 33.0#

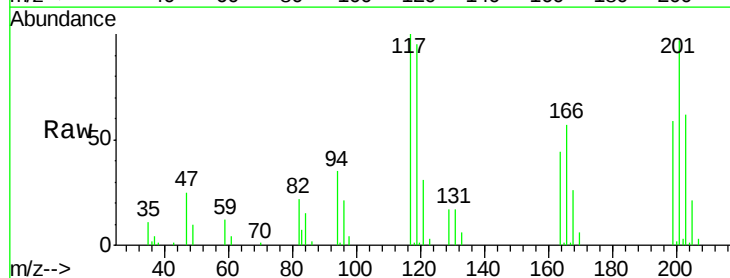


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

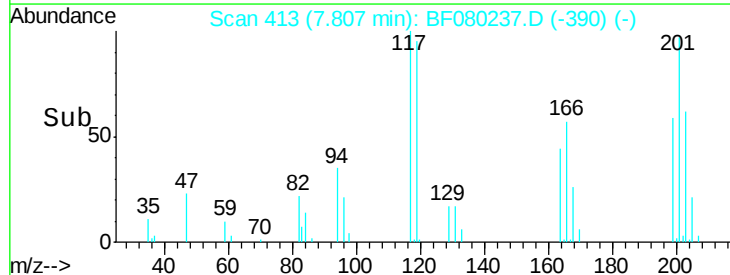
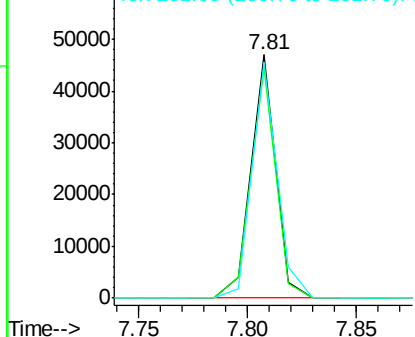


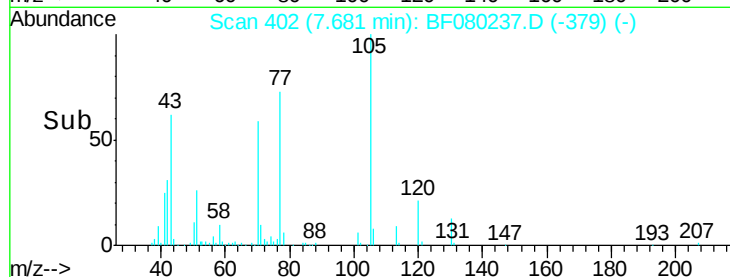
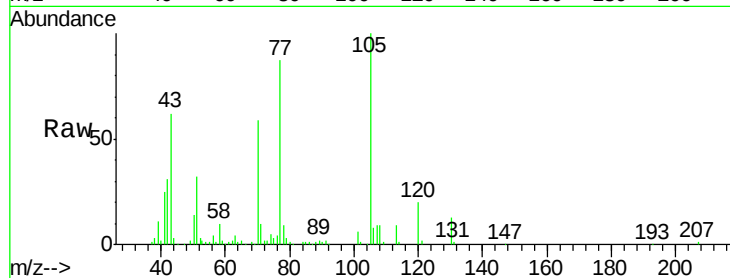
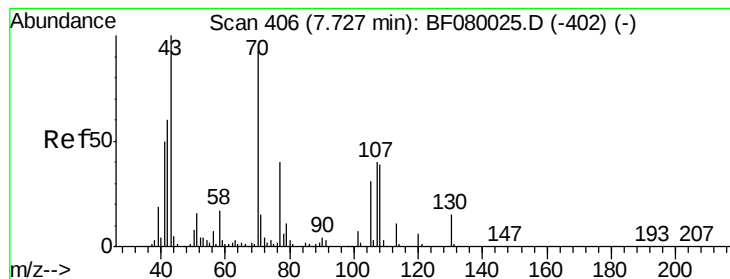
#18
 Hexachloroethane
 Concen: 58.57 ng
 RT: 7.81 min Scan# 413
 Delta R.T. -0.03 min
 Lab File: BF080237.D
 Acq: 30 Jun 2015 15:39

Tgt Ion:117 Resp: 37066
 Ion Ratio Lower Upper
 117 100
 119 94.9 83.8 125.6
 201 96.8 55.1 82.7#



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: 54.65 ng

RT: 7.68 min Scan# 402

Delta R.T. -0.03 min

Lab File: BF080237.D

Acq: 30 Jun 2015 15:39

Instrument :

BNA_F

ClientSampleId :

PB84270BS

Tgt Ion: 70 Resp: 72684

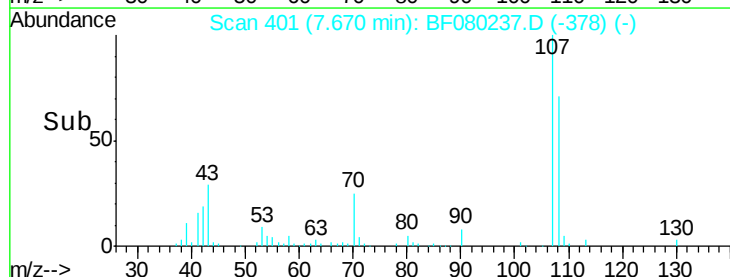
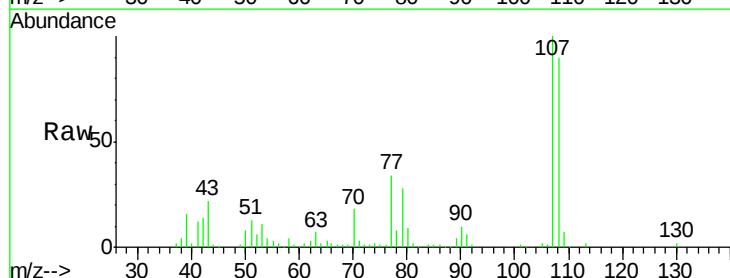
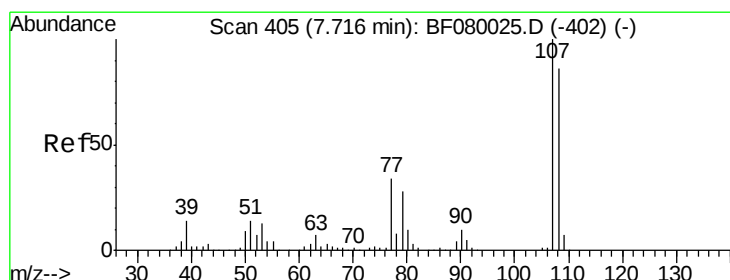
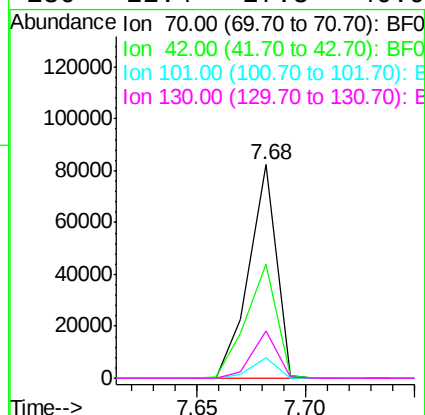
Ion Ratio Lower Upper

70 100

42 53.1 63.8 95.6#

101 9.4 9.2 13.8

130 22.4 27.3 40.9#



#20

3+4-Methylphenols

Concen: 58.12 ng

RT: 7.67 min Scan# 401

Delta R.T. -0.03 min

Lab File: BF080237.D

Acq: 30 Jun 2015 15:39

Tgt Ion: 107 Resp: 106591

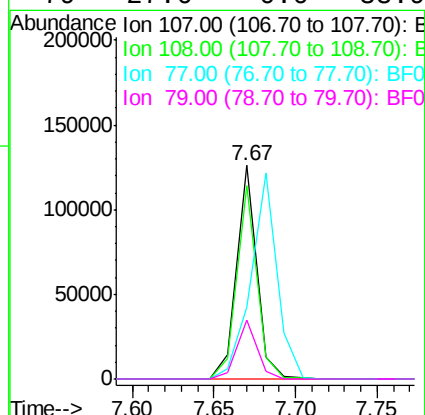
Ion Ratio Lower Upper

107 100

108 90.4 74.6 114.6

77 33.7 0.7 40.7

79 27.6 0.0 38.9

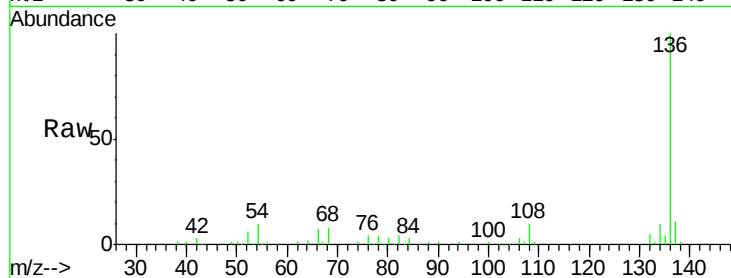




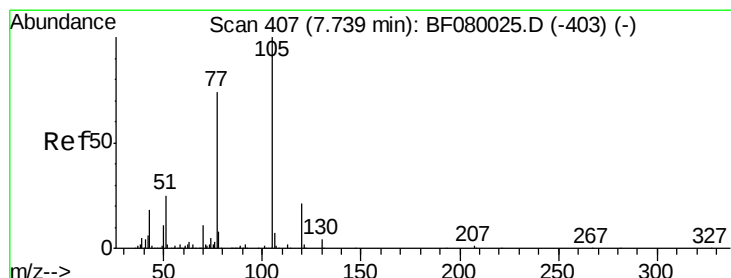
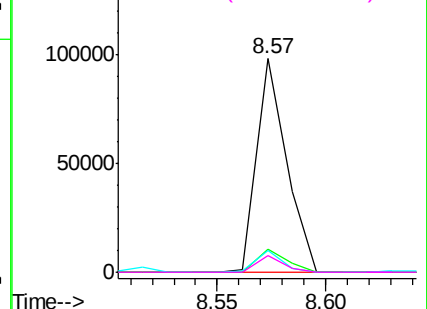
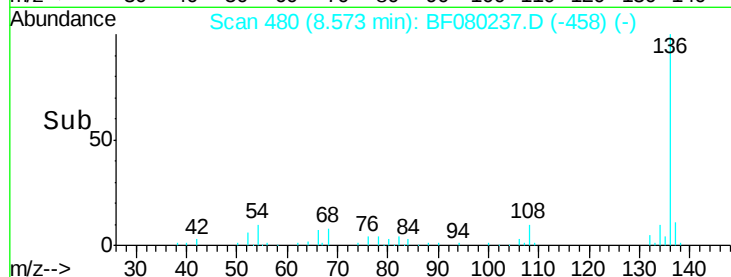
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.57 min Scan# 480
Delta R.T. -0.05 min
Lab File: BF080237.D
Acq: 30 Jun 2015 15:39

Instrument :
BNA_F
ClientSampleId :
PB84270BS

Tgt Ion:	136	Resp:	93428
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	10.4	8.2	12.2
68	7.6	5.8	8.6

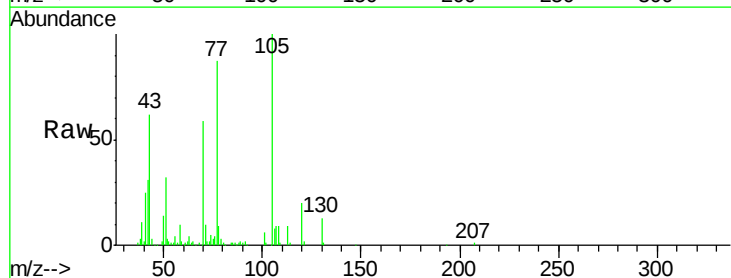


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

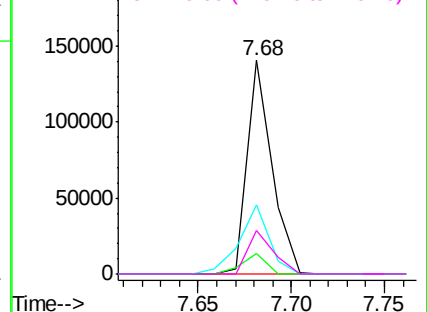
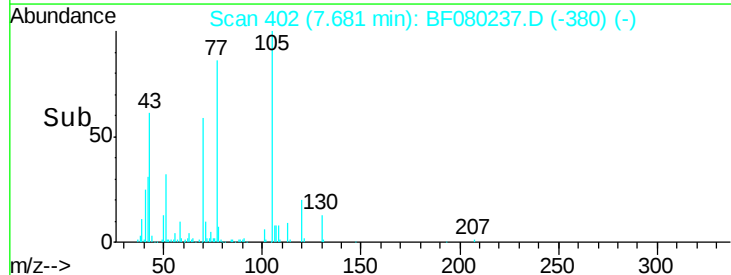


#22
Acetophenone
Concen: 59.30 ng
RT: 7.68 min Scan# 402
Delta R.T. -0.05 min
Lab File: BF080237.D
Acq: 30 Jun 2015 15:39

Tgt Ion:	105	Resp:	129115
Ion	Ratio	Lower	Upper
105	100		
71	9.7	4.7	7.1#
51	32.1	22.0	33.0
120	20.4	30.1	45.1#



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

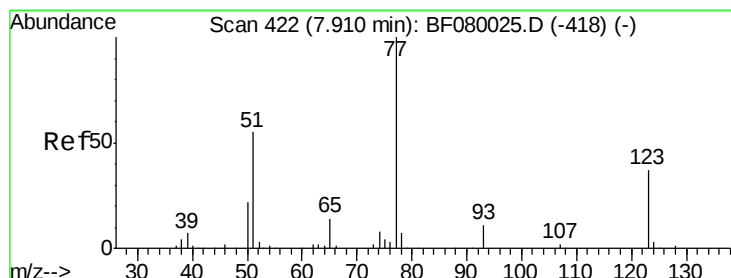
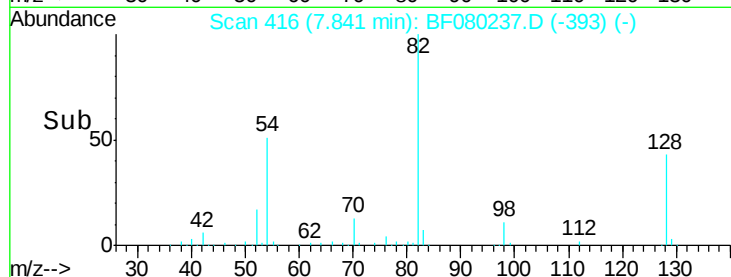
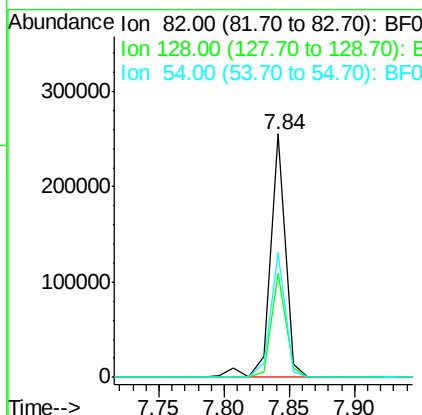
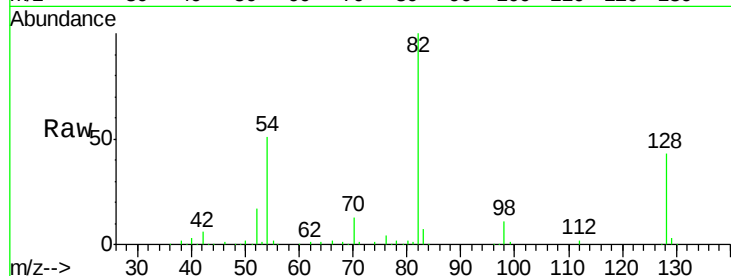




#23
 Nitrobenzene-d5
 Concen: 129.47 ng
 RT: 7.84 min Scan# 416
 Delta R.T. -0.03 min
 Lab File: BF080237.D
 Acq: 30 Jun 2015 15:39

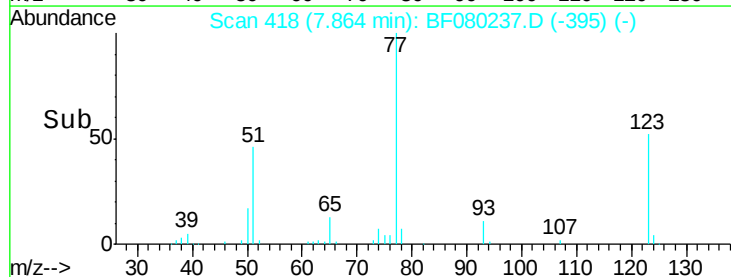
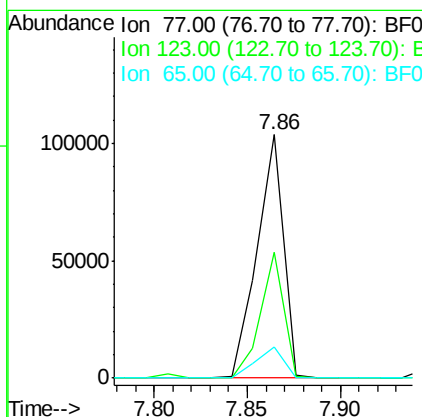
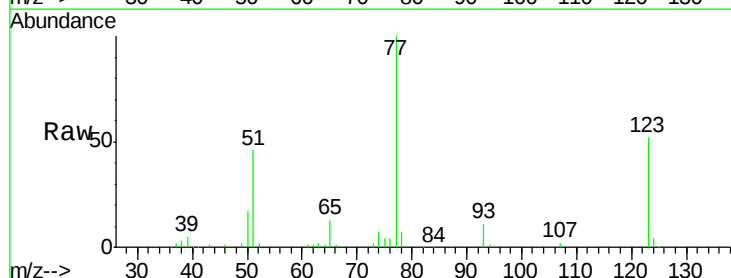
Instrument :
 BNA_F
 ClientSampleId :
 PB84270BS

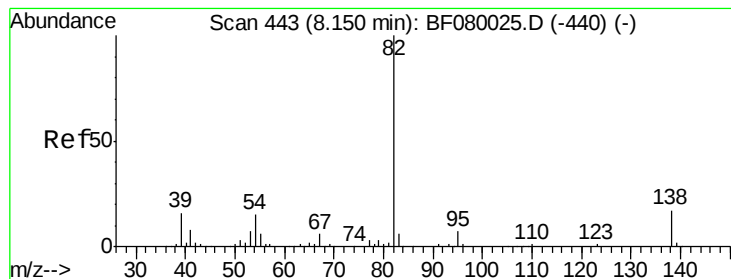
Tgt Ion: 82 Resp: 207778
 Ion Ratio Lower Upper
 82 100
 128 42.9 51.0 76.6#
 54 51.4 47.5 71.3



#24
 Nitrobenzene
 Concen: 60.98 ng
 RT: 7.86 min Scan# 418
 Delta R.T. -0.03 min
 Lab File: BF080237.D
 Acq: 30 Jun 2015 15:39

Tgt Ion: 77 Resp: 101017
 Ion Ratio Lower Upper
 77 100
 123 51.7 59.8 89.8#
 65 12.9 10.2 15.4





#25

Isophorone

Concen: 54.82 ng

RT: 8.09 min Scan# 438

Delta R.T. -0.05 min

Lab File: BF080237.D

Acq: 30 Jun 2015 15:39

Instrument :

BNA_F

ClientSampleId :

PB84270BS

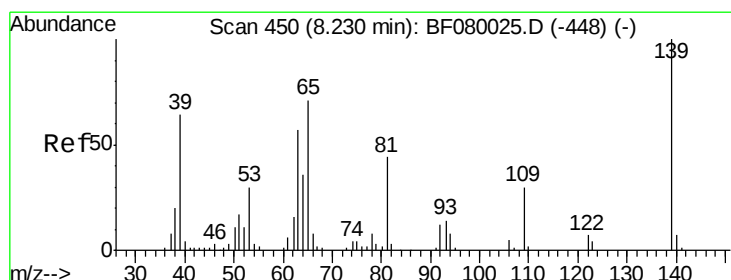
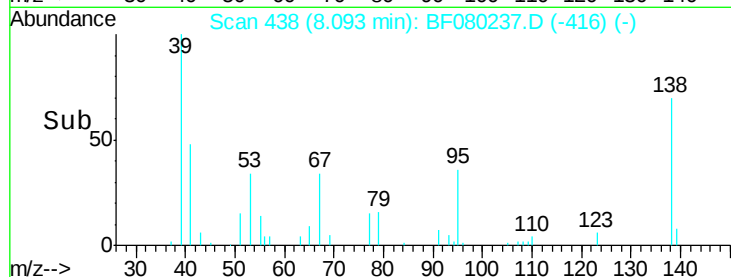
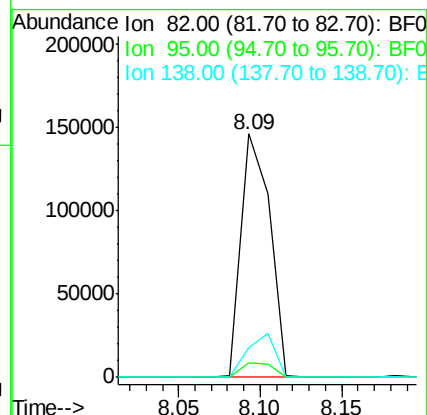
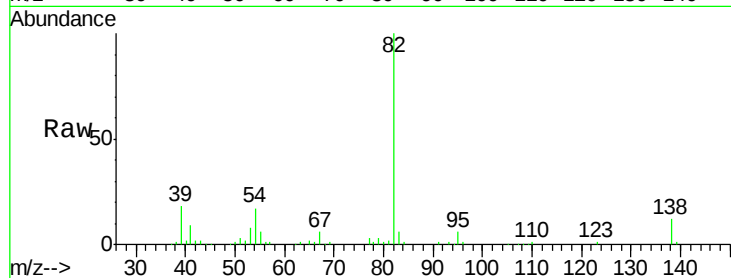
Tgt Ion: 82 Resp: 177050

Ion Ratio Lower Upper

82 100

95 6.2 4.0 6.0#

138 12.1 18.3 27.5#



#26

2-Nitrophenol

Concen: 73.09 ng

RT: 8.18 min Scan# 446

Delta R.T. -0.03 min

Lab File: BF080237.D

Acq: 30 Jun 2015 15:39

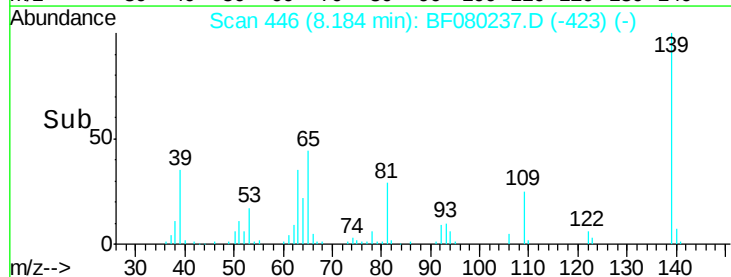
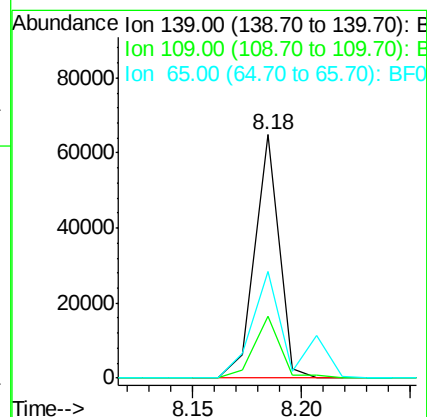
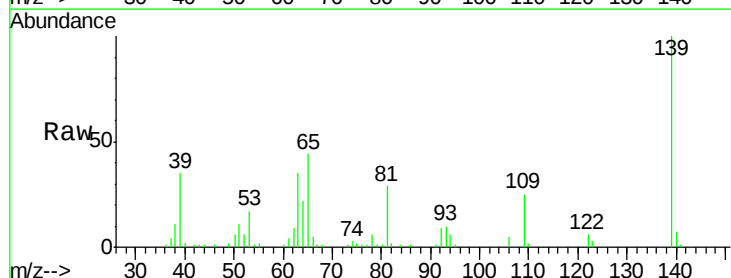
Tgt Ion: 139 Resp: 50678

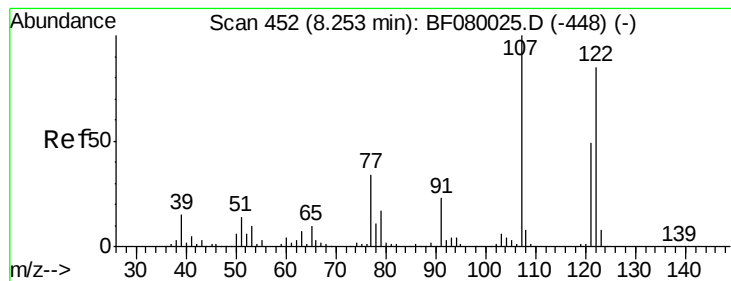
Ion Ratio Lower Upper

139 100

109 25.2 11.0 16.4#

65 43.7 24.7 37.1#

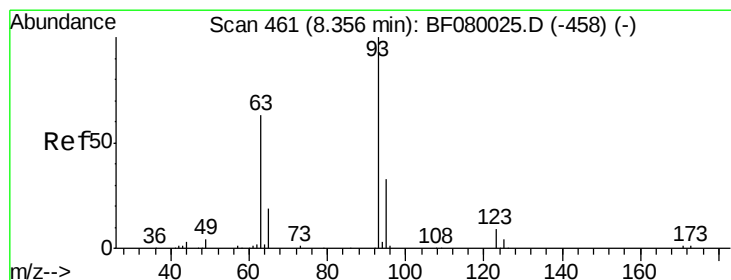
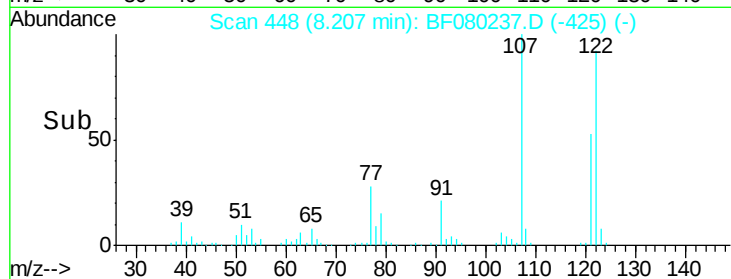
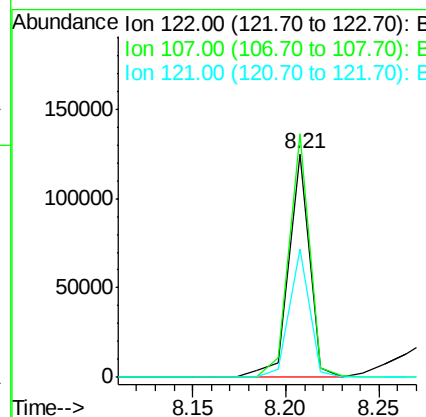
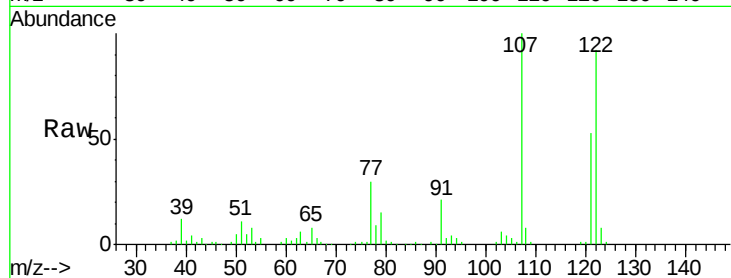




#27
 2,4-Dimethylphenol
 Concen: 68.13 ng
 RT: 8.21 min Scan# 448
 Delta R.T. -0.03 min
 Lab File: BF080237.D
 Acq: 30 Jun 2015 15:39

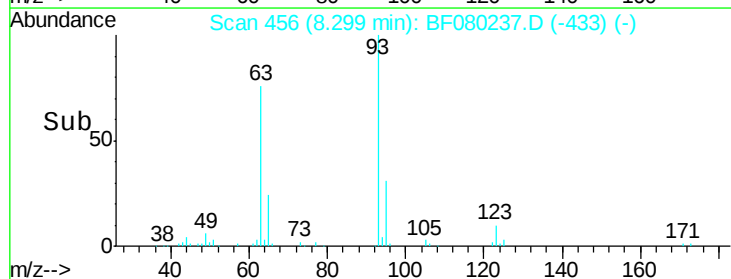
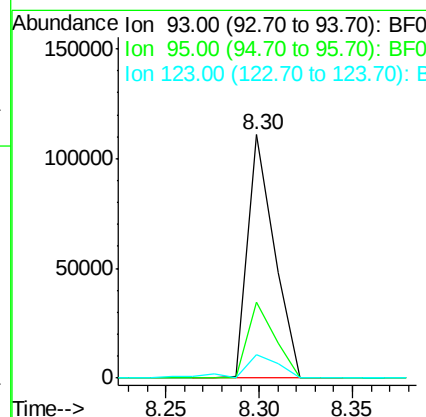
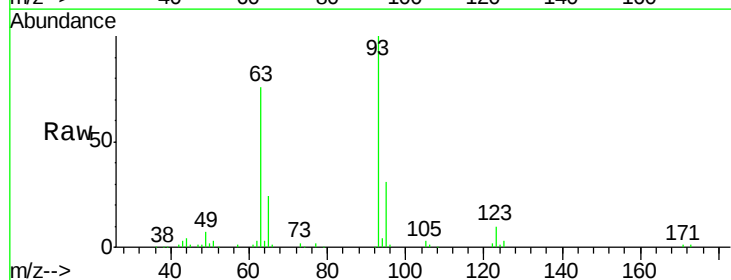
Instrument :
 BNA_F
 ClientSampleId :
 PB84270BS

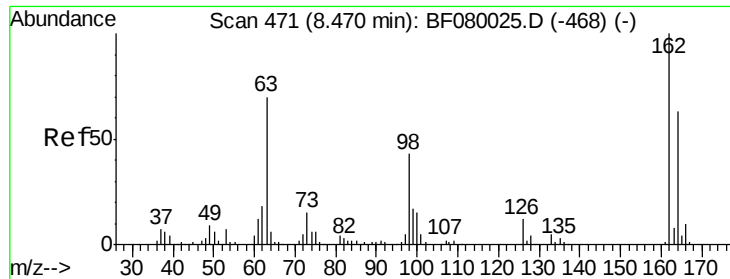
Tgt Ion: 122 Resp: 98493
 Ion Ratio Lower Upper
 122 100
 107 108.9 71.8 107.6#
 121 57.4 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 57.85 ng
 RT: 8.30 min Scan# 456
 Delta R.T. -0.03 min
 Lab File: BF080237.D
 Acq: 30 Jun 2015 15:39

Tgt Ion: 93 Resp: 109781
 Ion Ratio Lower Upper
 93 100
 95 31.4 27.5 41.3
 123 9.7 13.7 20.5#

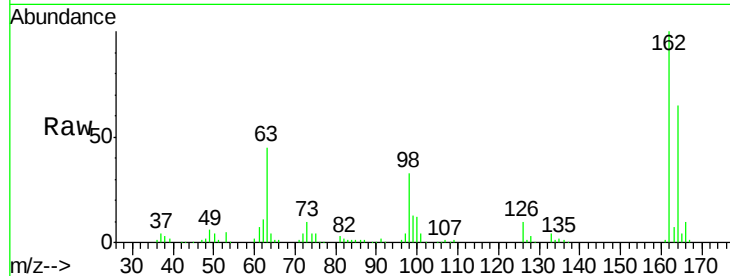




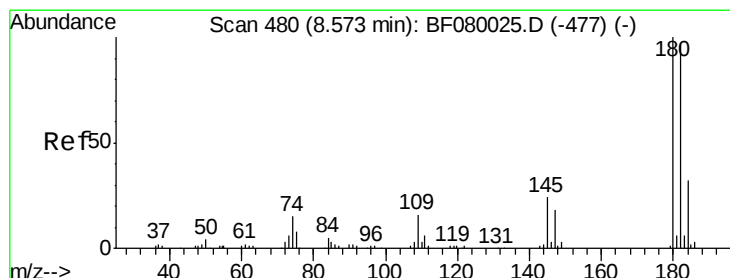
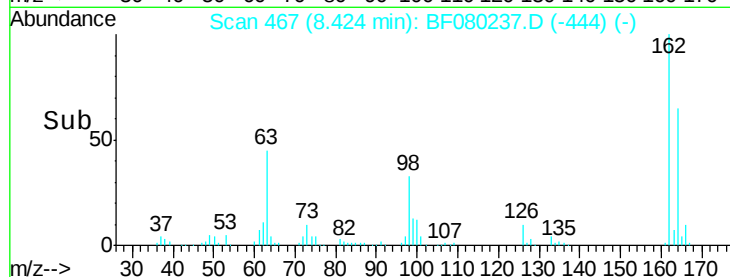
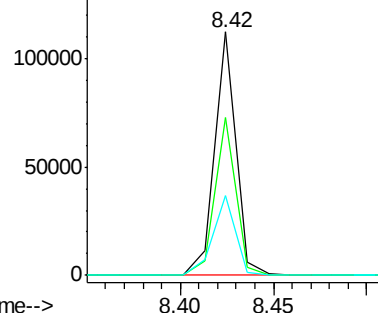
#29
2,4-Dichlorophenol
Concen: 72.15 ng
RT: 8.42 min Scan# 467
Delta R.T. -0.03 min
Lab File: BF080237.D
Acq: 30 Jun 2015 15:39

Instrument :
BNA_F
ClientSampleId :
PB84270BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.9	84.9
98	32.6	13.0	53.0

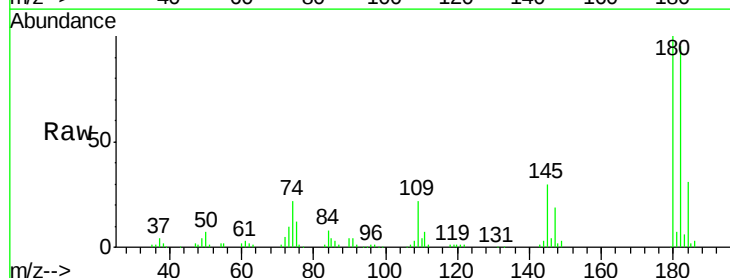


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

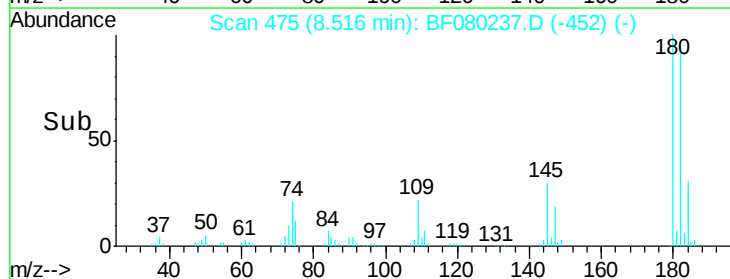
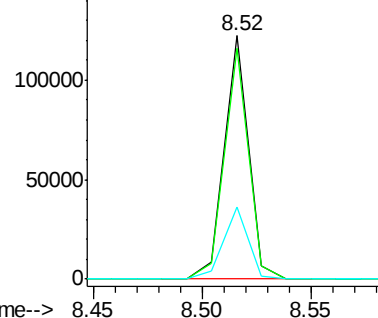


#30
1,2,4-Trichlorobenzene
Concen: 67.33 ng
RT: 8.52 min Scan# 475
Delta R.T. -0.03 min
Lab File: BF080237.D
Acq: 30 Jun 2015 15:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	77.1	115.7
145	29.8	23.3	34.9



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

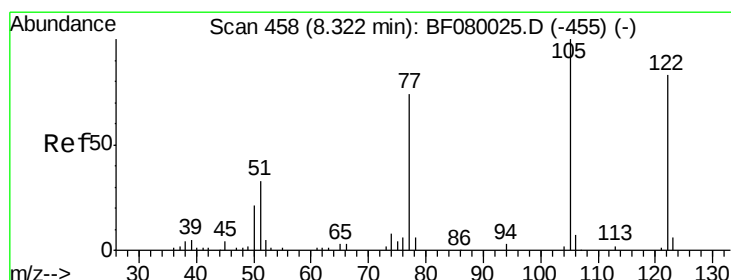
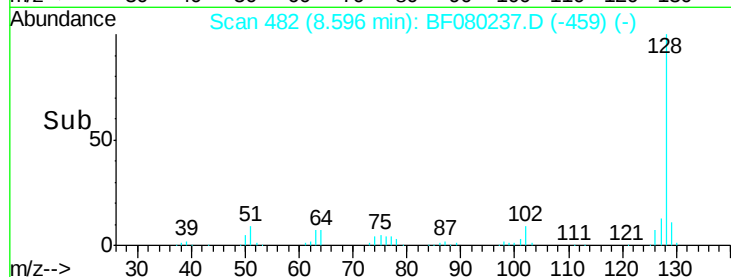
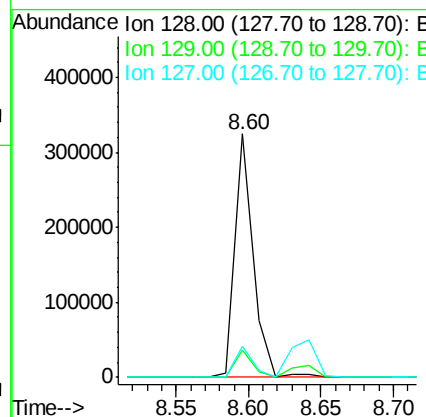
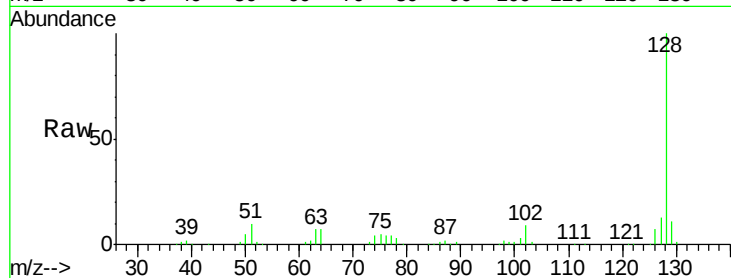




#31
Naphthalene
Concen: 58.07 ng
RT: 8.60 min Scan# 482
Delta R.T. -0.03 min
Lab File: BF080237.D
Acq: 30 Jun 2015 15:39

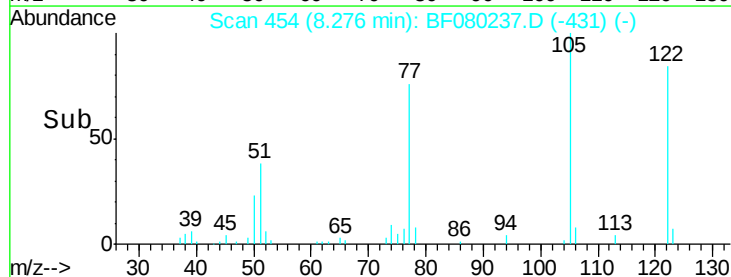
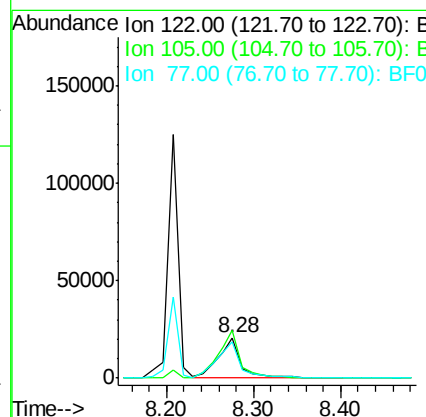
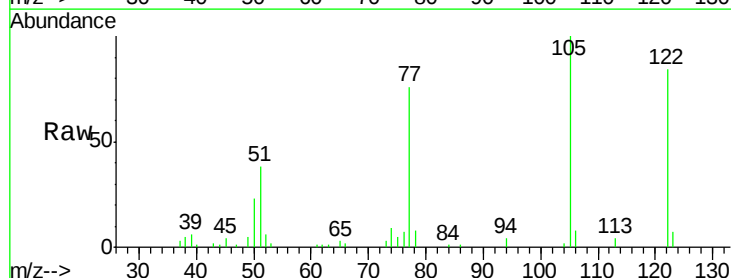
Instrument :
BNA_F
ClientSampleId :
PB84270BS

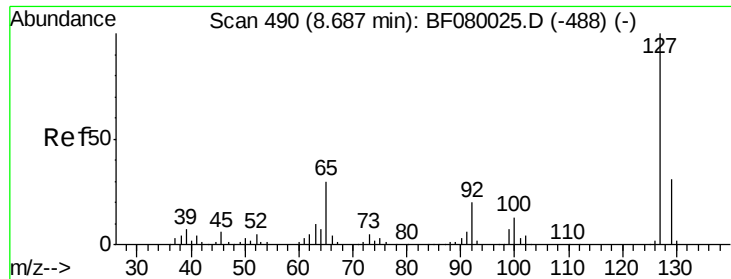
Tgt Ion:128 Resp: 283658
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 12.8 9.9 14.9



#32
Benzoic acid
Concen: 43.46 ng
RT: 8.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF080237.D
Acq: 30 Jun 2015 15:39

Tgt Ion:122 Resp: 37992
Ion Ratio Lower Upper
122 100
105 119.6 76.1 116.1#
77 90.4 40.5 80.5#

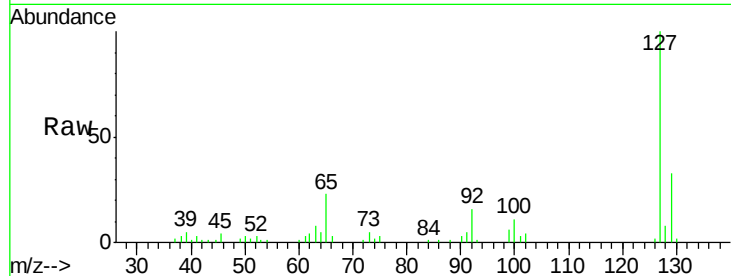




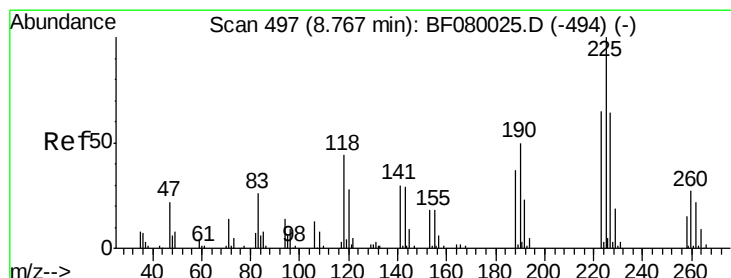
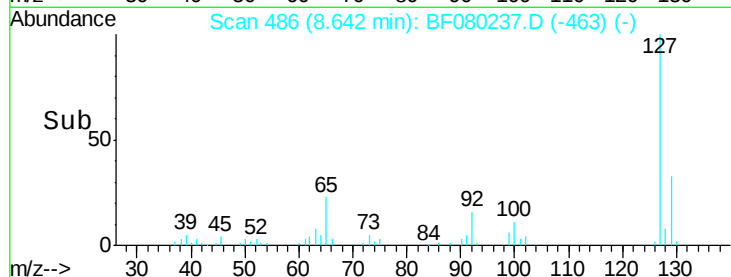
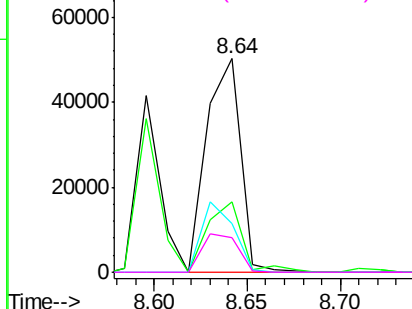
#33
4-Chloroaniline
Concen: 30.45 ng
RT: 8.64 min Scan# 486
Delta R.T. -0.03 min
Lab File: BF080237.D
Acq: 30 Jun 2015 15:39

Instrument :
BNA_F
ClientSampleId :
PB84270BS

Tgt Ion:127 Resp: 63661
Ion Ratio Lower Upper
127 100
129 32.7 25.8 38.6
65 22.5 17.9 26.9
92 16.0 10.5 15.7#

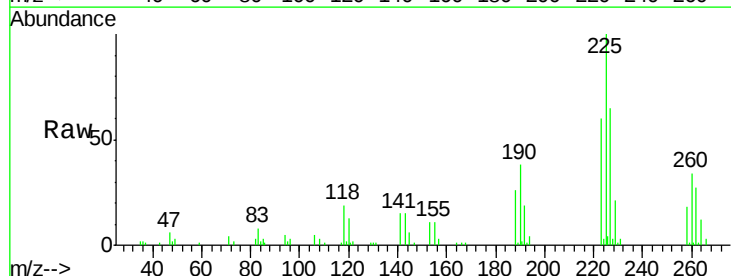


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

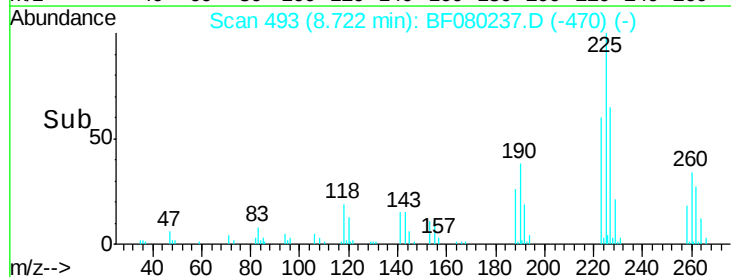
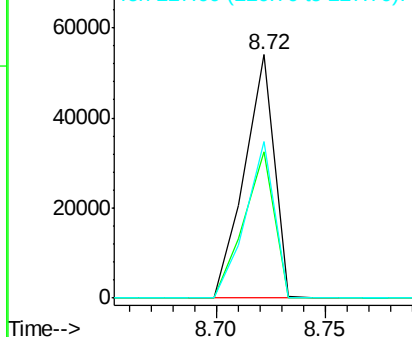


#34
Hexachlorobutadiene
Concen: 59.23 ng
RT: 8.72 min Scan# 493
Delta R.T. -0.03 min
Lab File: BF080237.D
Acq: 30 Jun 2015 15:39

Tgt Ion:225 Resp: 51277
Ion Ratio Lower Upper
225 100
223 60.3 50.2 75.2
227 64.5 52.2 78.2



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

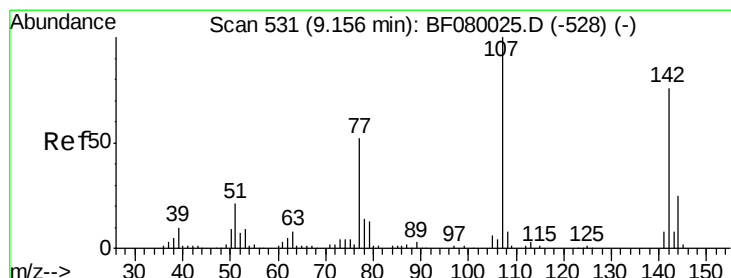
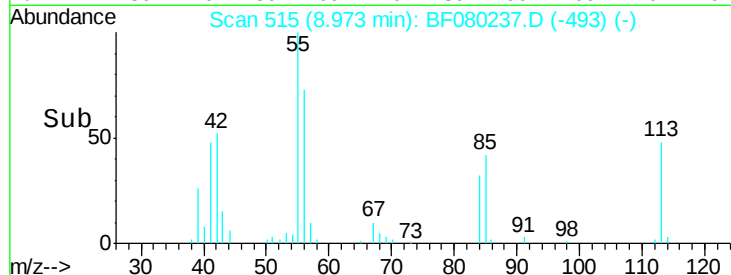
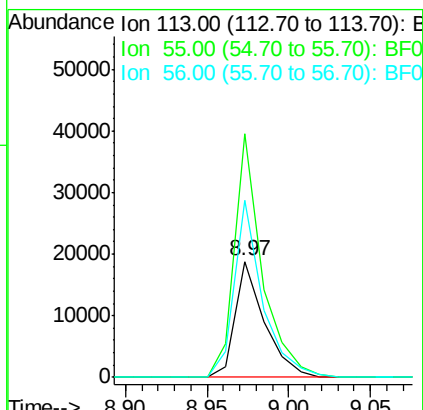
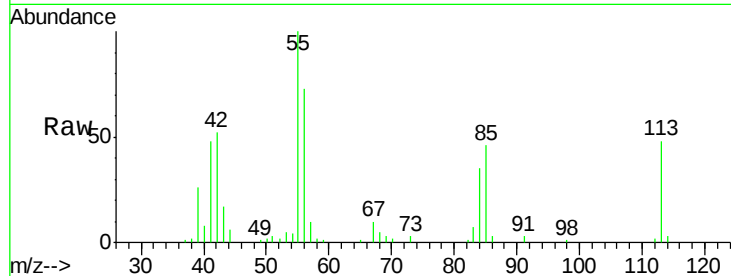




#35
 Caprolactam
 Concen: 57.93 ng
 RT: 8.97 min Scan# 515
 Delta R.T. -0.05 min
 Lab File: BF080237.D
 Acq: 30 Jun 2015 15:39

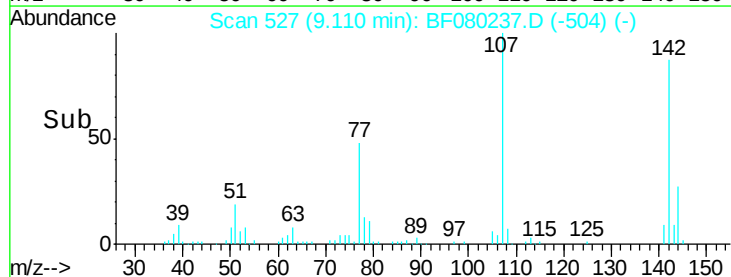
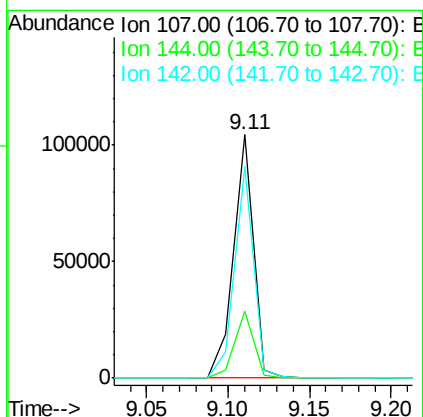
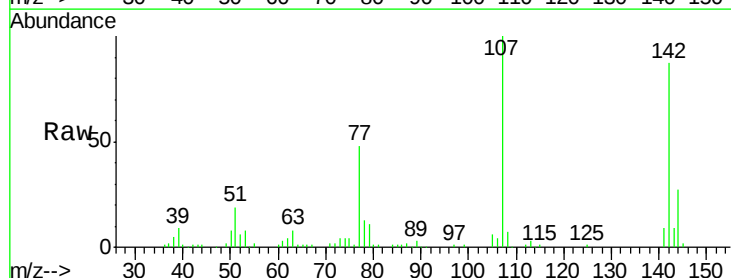
Instrument :
 BNA_F
 ClientSampleId :
 PB84270BS

Tgt Ion:113 Resp: 23281
 Ion Ratio Lower Upper
 113 100
 55 210.3 152.4 192.4#
 56 153.0 104.6 144.6#



#36
 4-Chloro-3-methylphenol
 Concen: 62.76 ng
 RT: 9.11 min Scan# 527
 Delta R.T. -0.03 min
 Lab File: BF080237.D
 Acq: 30 Jun 2015 15:39

Tgt Ion:107 Resp: 87642
 Ion Ratio Lower Upper
 107 100
 144 27.5 25.4 38.0
 142 86.8 77.3 115.9

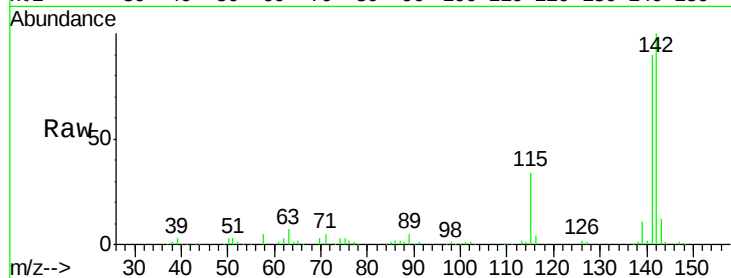




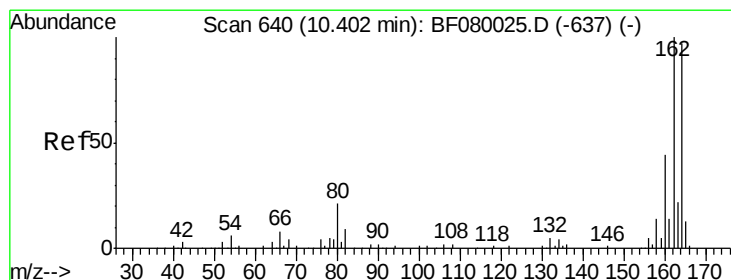
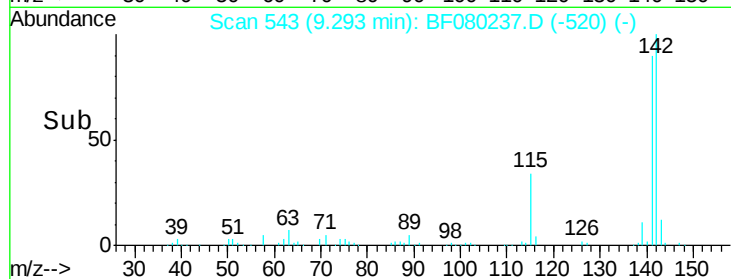
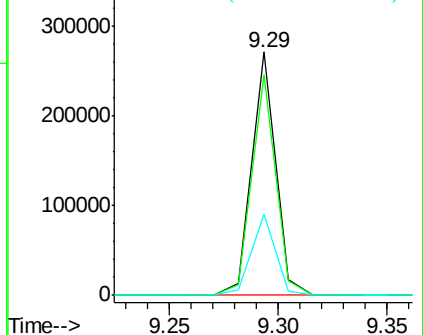
#37
 2-Methylnaphthalene
 Concen: 65.59 ng
 RT: 9.29 min Scan# 543
 Delta R.T. -0.03 min
 Lab File: BF080237.D
 Acq: 30 Jun 2015 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84270BS

Tgt Ion:142 Resp: 207230
 Ion Ratio Lower Upper
 142 100
 141 90.4 67.5 101.3
 115 33.5 18.2 27.2#

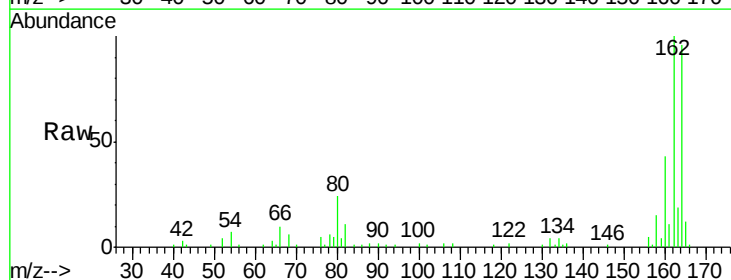


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

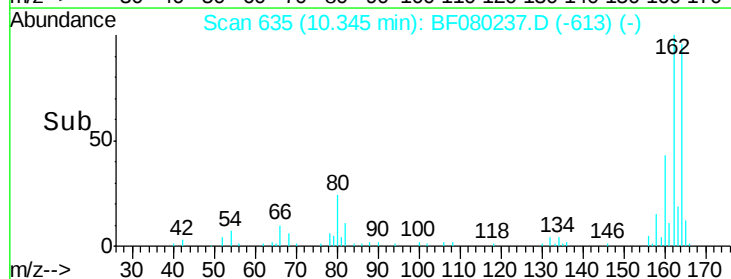
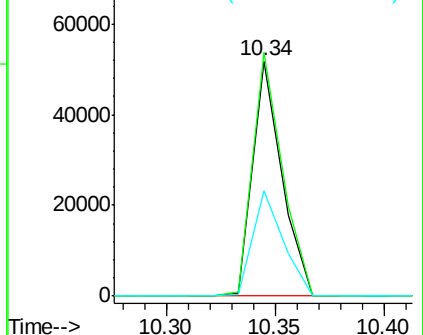


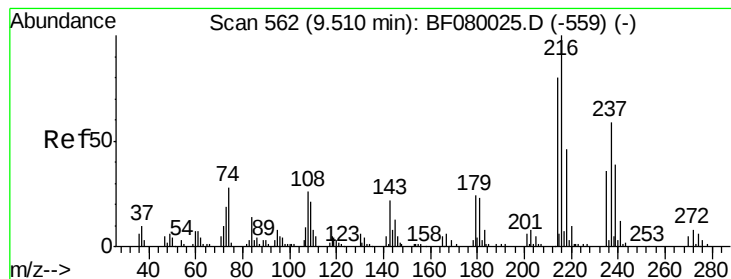
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.34 min Scan# 635
 Delta R.T. -0.05 min
 Lab File: BF080237.D
 Acq: 30 Jun 2015 15:39

Tgt Ion:164 Resp: 48416
 Ion Ratio Lower Upper
 164 100
 162 103.7 75.2 112.8
 160 44.7 31.5 47.3



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: 68.78 ng

RT: 9.46 min Scan# 558

Delta R.T. -0.03 min

Lab File: BF080237.D

Acq: 30 Jun 2015 15:39

Instrument :

BNA_F

ClientSampleId :

PB84270BS

Tgt Ion:216 Resp: 96900

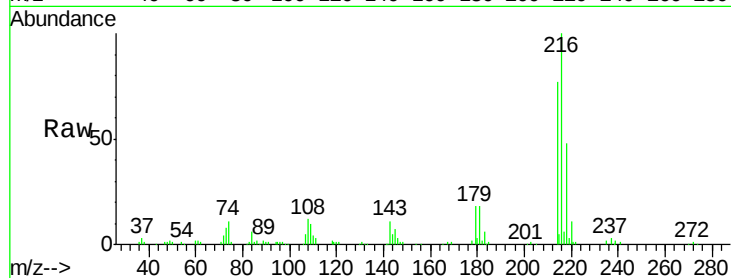
Ion Ratio Lower Upper

216 100

214 77.4 63.5 95.3

179 19.6 16.6 24.8

108 18.2 16.3 24.5

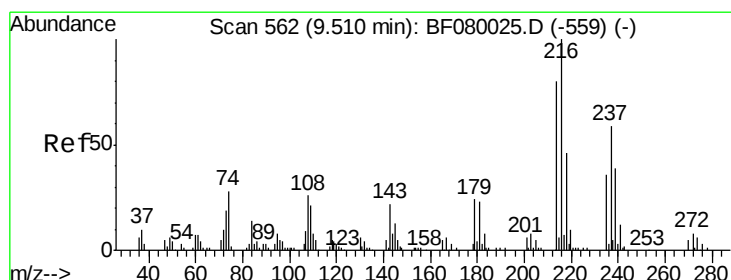
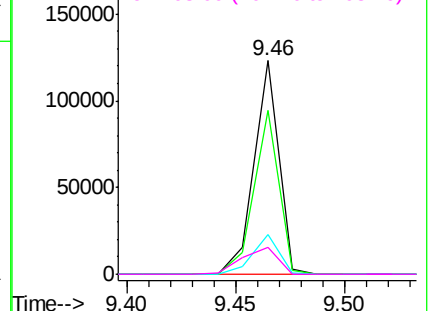
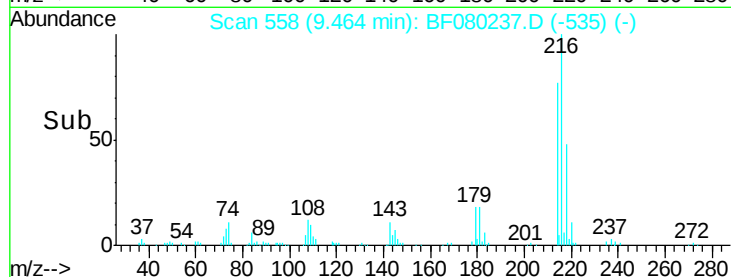


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 116.84 ng

RT: 9.45 min Scan# 557

Delta R.T. -0.03 min

Lab File: BF080237.D

Acq: 30 Jun 2015 15:39

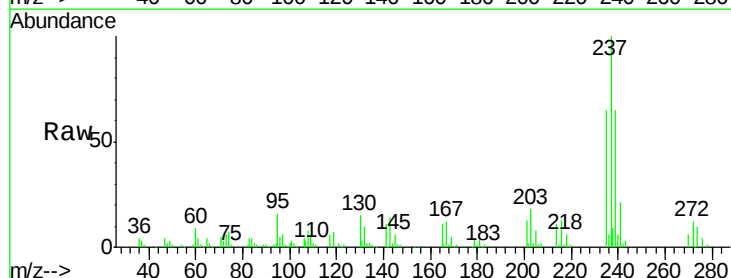
Tgt Ion:237 Resp: 86975

Ion Ratio Lower Upper

237 100

235 64.8 42.0 82.0

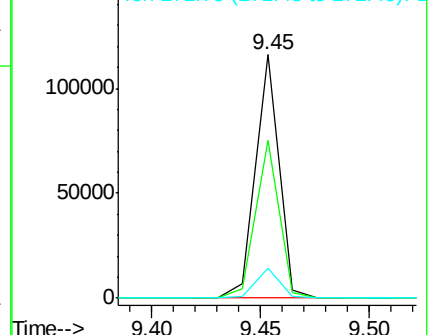
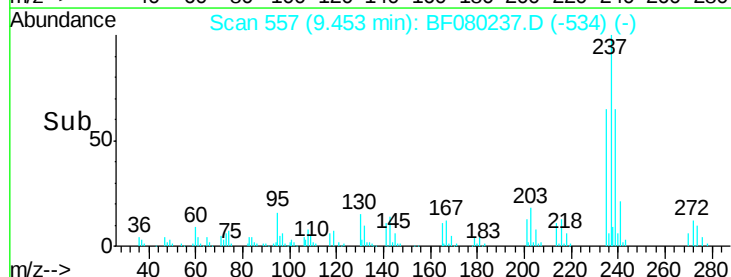
272 12.1 0.0 36.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

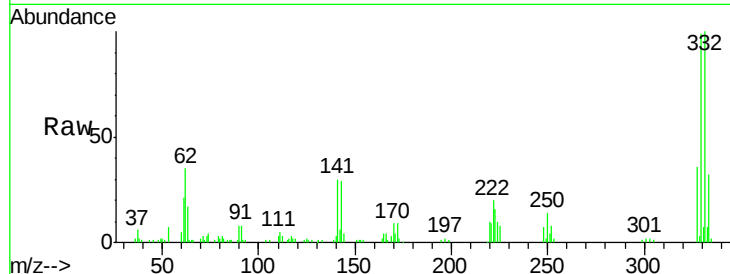




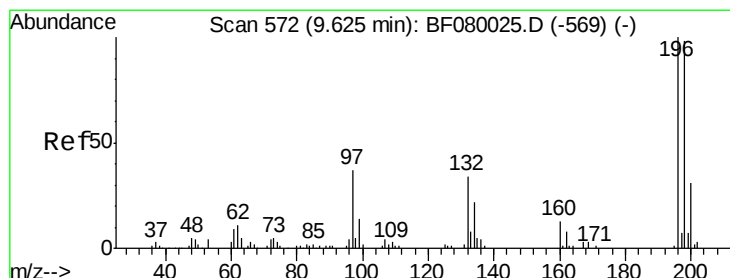
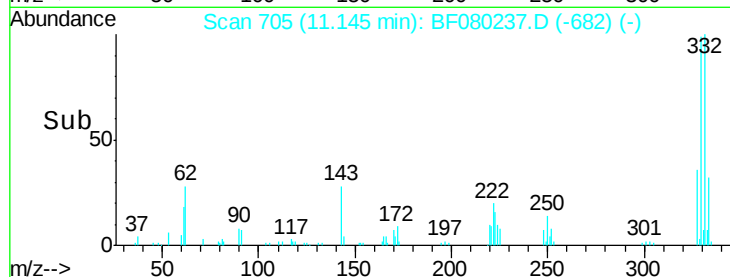
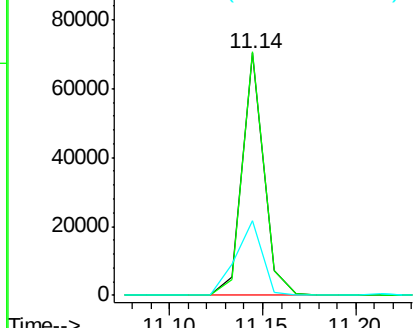
#41
 2,4,6-Tribromophenol
 Concen: 120.06 ng
 RT: 11.14 min Scan# 705
 Delta R.T. -0.03 min
 Lab File: BF080237.D
 Acq: 30 Jun 2015 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84270BS

Tgt Ion:330 Resp: 56840
 Ion Ratio Lower Upper
 330 100
 332 100.0 76.6 114.8
 141 37.6 29.7 44.5

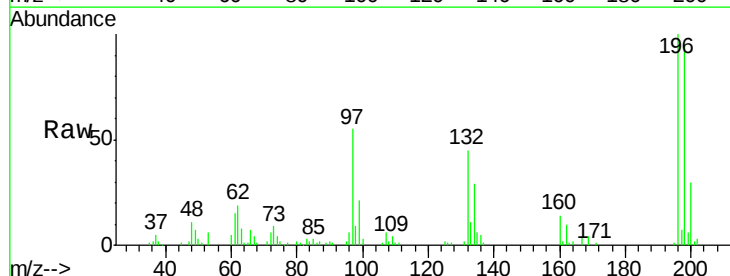


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

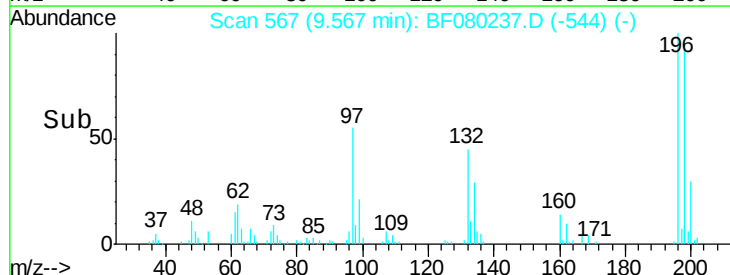
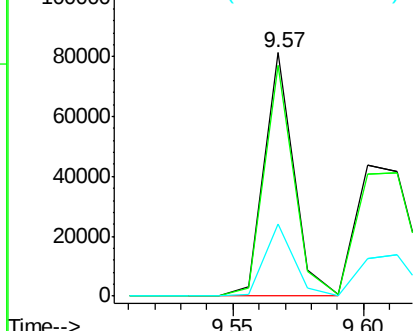


#42
 2,4,6-Trichlorophenol
 Concen: 66.96 ng
 RT: 9.57 min Scan# 567
 Delta R.T. -0.03 min
 Lab File: BF080237.D
 Acq: 30 Jun 2015 15:39

Tgt Ion:196 Resp: 64192
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.7 113.5
 200 29.5 23.9 35.9



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

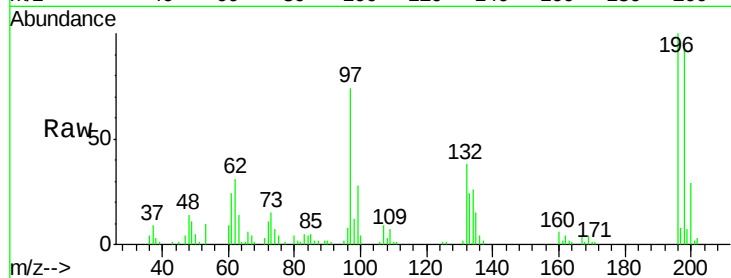




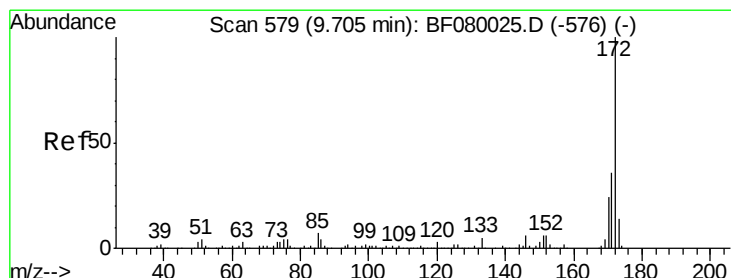
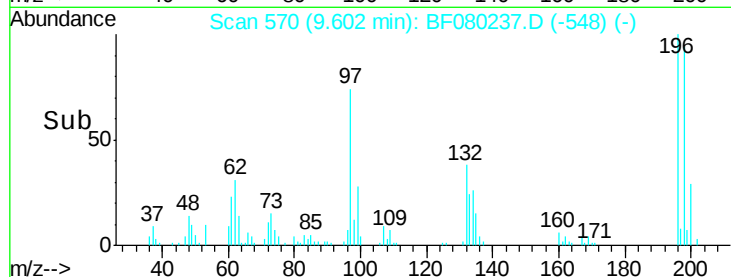
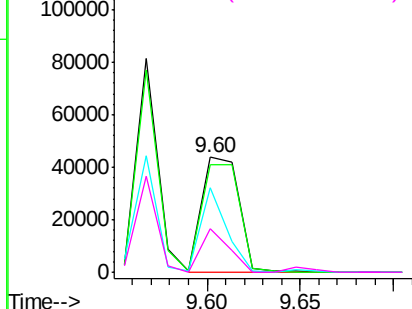
#43
 2,4,5-Trichlorophenol
 Concen: 54.46 ng
 RT: 9.60 min Scan# 570
 Delta R.T. -0.05 min
 Lab File: BF080237.D
 Acq: 30 Jun 2015 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84270BS

Tgt Ion:196 Resp: 60156
 Ion Ratio Lower Upper
 196 100
 198 93.7 75.4 113.0
 97 73.6 33.3 49.9#
 132 37.5 24.6 37.0#

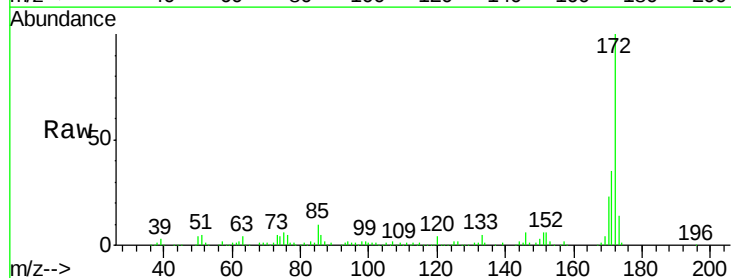


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

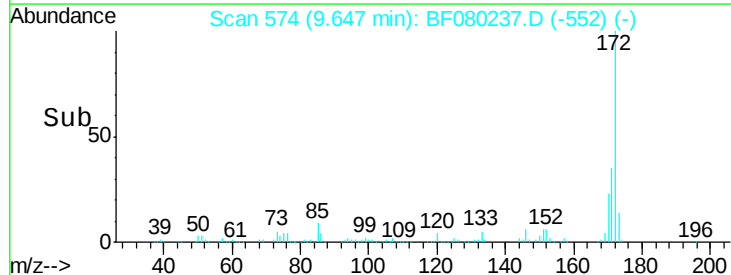
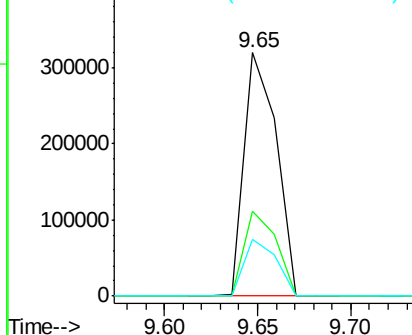


#44
 2-Fluorobiphenyl
 Concen: 112.45 ng
 RT: 9.65 min Scan# 574
 Delta R.T. -0.05 min
 Lab File: BF080237.D
 Acq: 30 Jun 2015 15:39

Tgt Ion:172 Resp: 381780
 Ion Ratio Lower Upper
 172 100
 171 34.8 26.1 39.1
 170 23.5 17.4 26.2



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

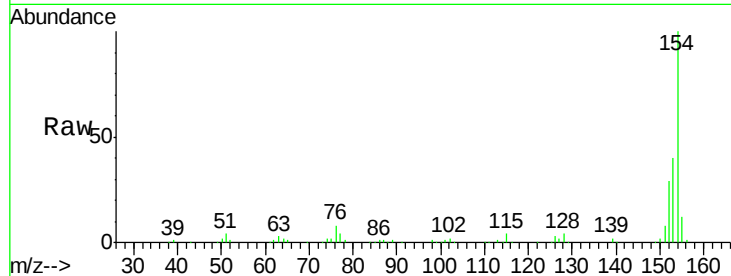




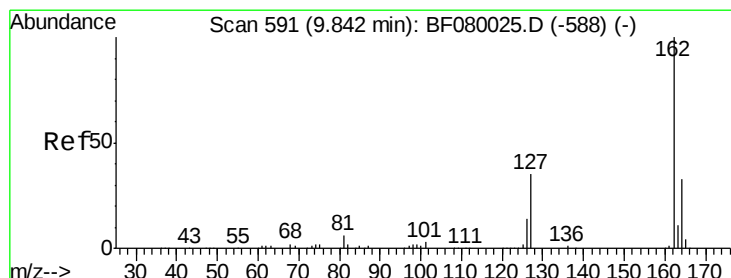
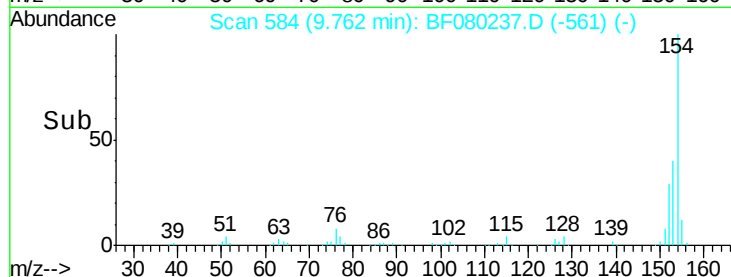
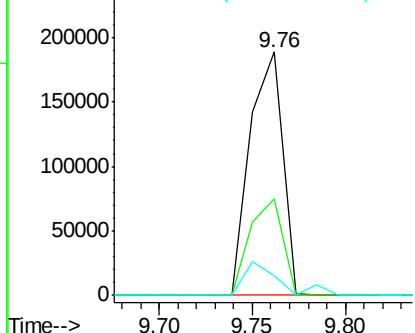
#45
 1,1'-Biphenyl
 Concen: 57.89 ng
 RT: 9.76 min Scan# 584
 Delta R.T. -0.03 min
 Lab File: BF080237.D
 Acq: 30 Jun 2015 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84270BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.6	17.1	57.1
76	8.2	0.0	31.6

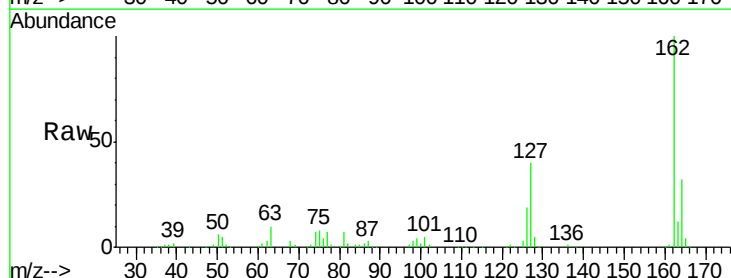


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

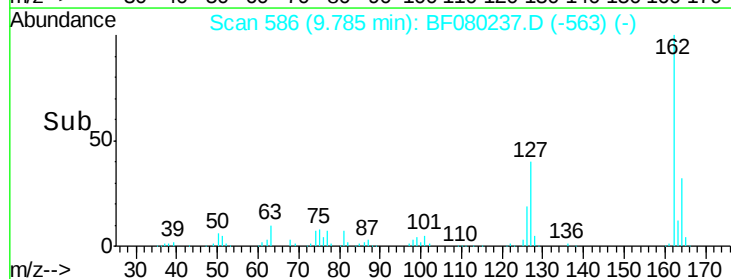
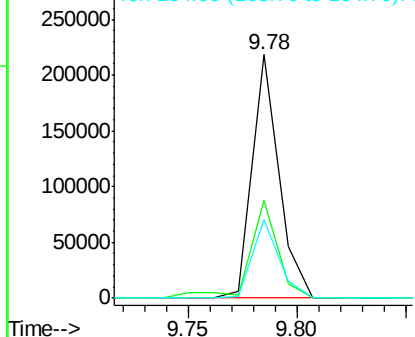


#46
 2-Chloronaphthalene
 Concen: 57.92 ng
 RT: 9.78 min Scan# 586
 Delta R.T. -0.03 min
 Lab File: BF080237.D
 Acq: 30 Jun 2015 15:39

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.3	27.6	41.4
164	32.1	25.4	38.2



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

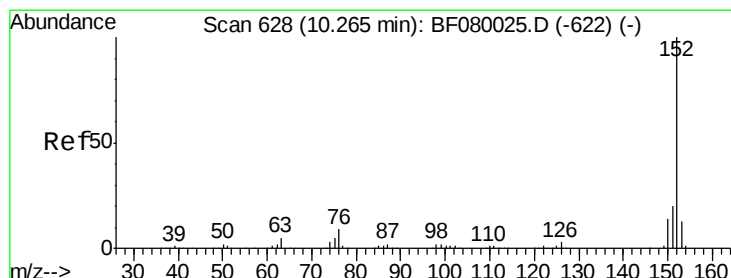
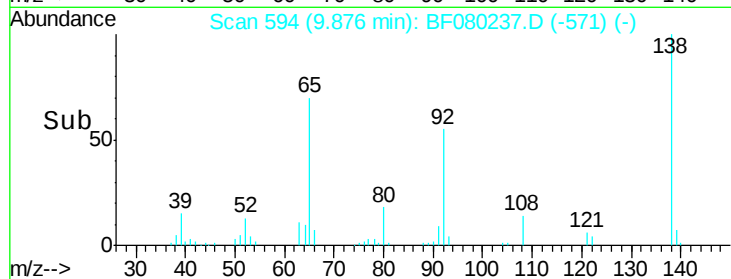
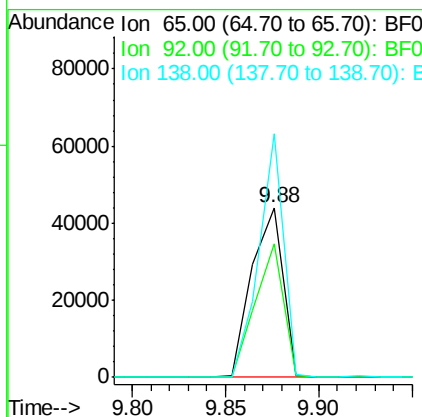
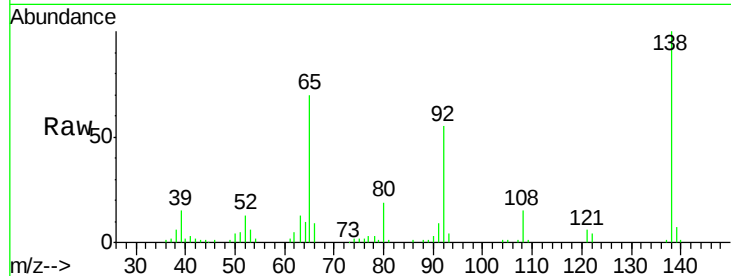




#47
2-Nitroaniline
Concen: 58.00 ng
RT: 9.88 min Scan# 594
Delta R.T. -0.03 min
Lab File: BF080237.D
Acq: 30 Jun 2015 15:39

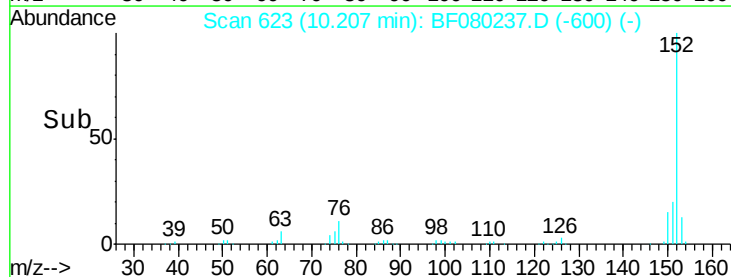
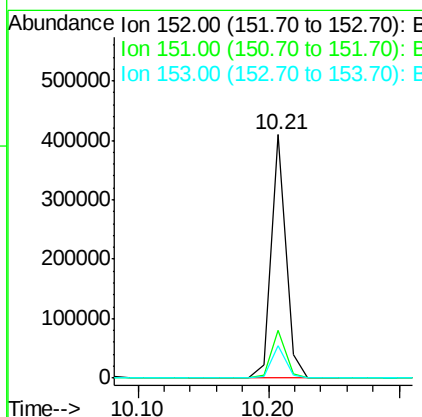
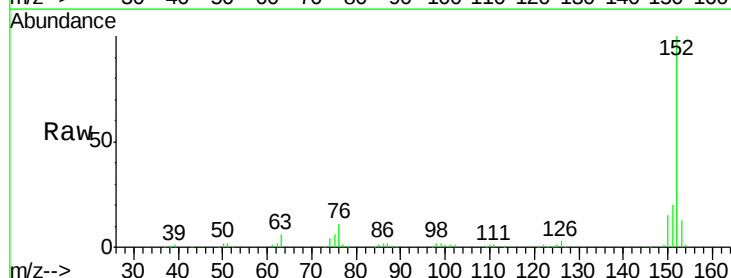
Instrument :
BNA_F
ClientSampleId :
PB84270BS

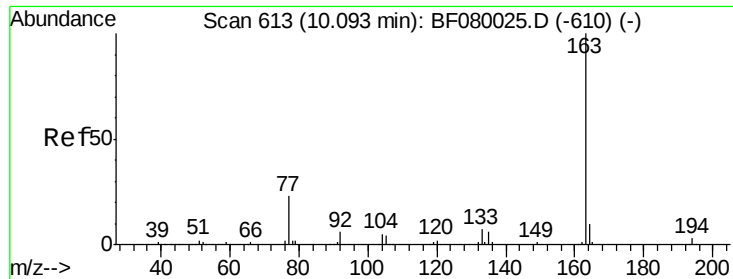
Tgt Ion: 65 Resp: 50892
Ion Ratio Lower Upper
65 100
92 78.7 55.4 83.0
138 143.6 115.5 173.3



#48
Acenaphthylene
Concen: 60.65 ng
RT: 10.21 min Scan# 623
Delta R.T. -0.03 min
Lab File: BF080237.D
Acq: 30 Jun 2015 15:39

Tgt Ion: 152 Resp: 323569
Ion Ratio Lower Upper
152 100
151 19.8 14.6 22.0
153 13.2 10.3 15.5

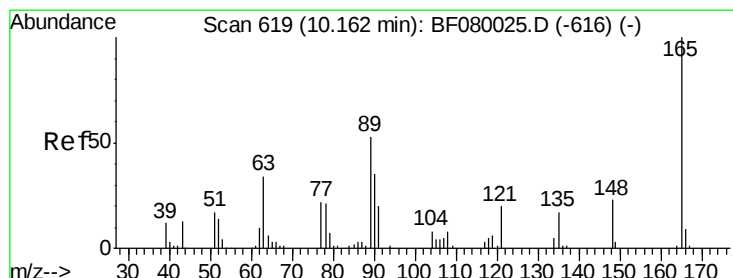
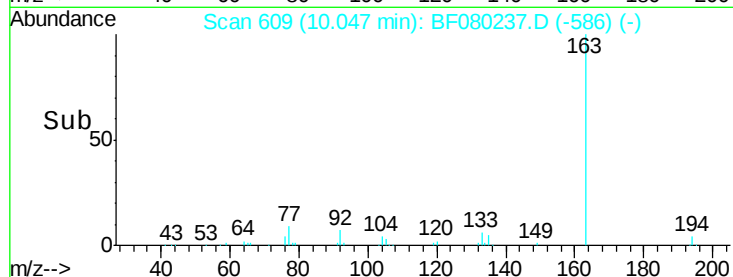
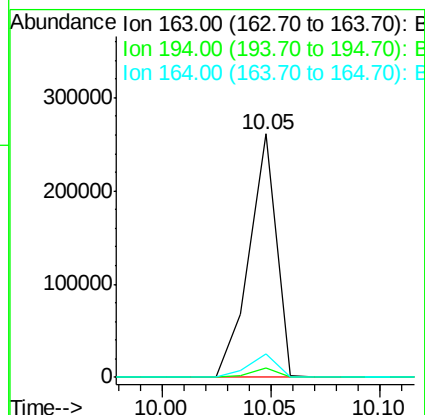
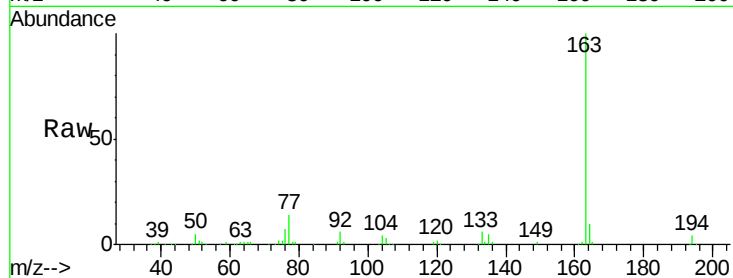




#49
Dimethylphthalate
Concen: 62.52 ng
RT: 10.05 min Scan# 609
Delta R.T. -0.03 min
Lab File: BF080237.D
Acq: 30 Jun 2015 15:39

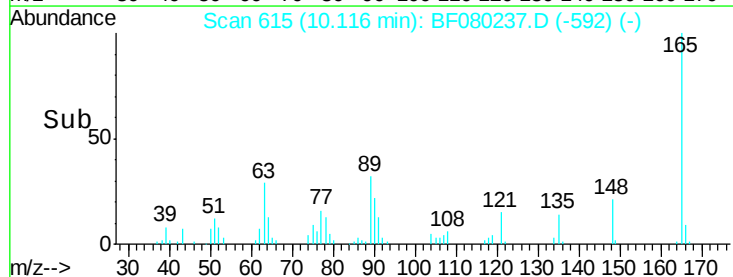
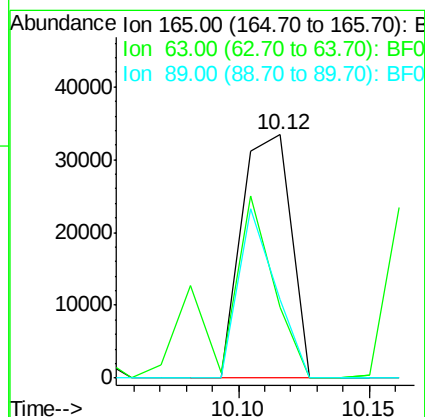
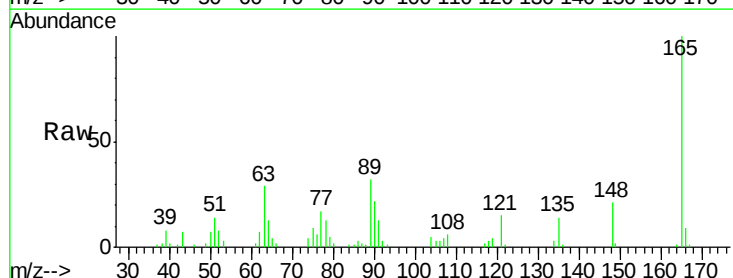
Instrument :
BNA_F
ClientSampleId :
PB84270BS

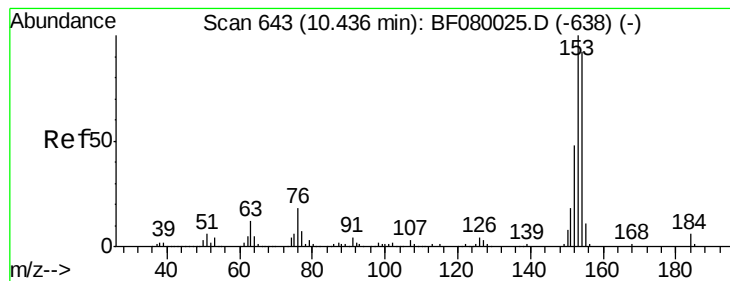
Tgt Ion:163 Resp: 227562
Ion Ratio Lower Upper
163 100
194 4.0 4.4 6.6#
164 9.6 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 60.66 ng
RT: 10.12 min Scan# 615
Delta R.T. -0.03 min
Lab File: BF080237.D
Acq: 30 Jun 2015 15:39

Tgt Ion:165 Resp: 44264
Ion Ratio Lower Upper
165 100
63 29.1 32.3 48.5#
89 32.3 28.6 43.0





#51

Acenaphthene

Concen: 61.26 ng

RT: 10.38 min Scan# 638

Delta R.T. -0.05 min

Lab File: BF080237.D

Acq: 30 Jun 2015 15:39

Instrument :

BNA_F

ClientSampleId :

PB84270BS

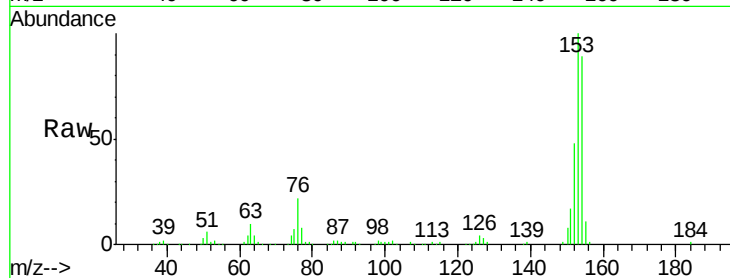
Tgt Ion:154 Resp: 199933

Ion Ratio Lower Upper

154 100

153 112.8 82.1 123.1

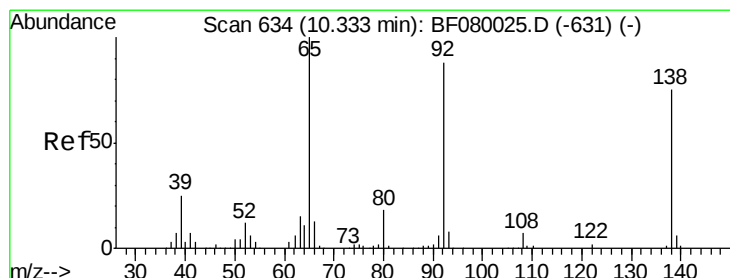
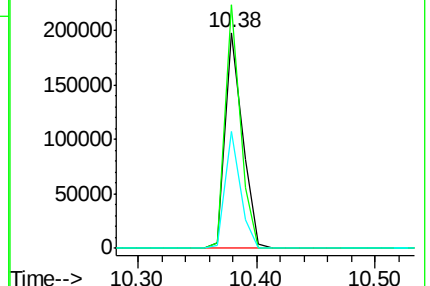
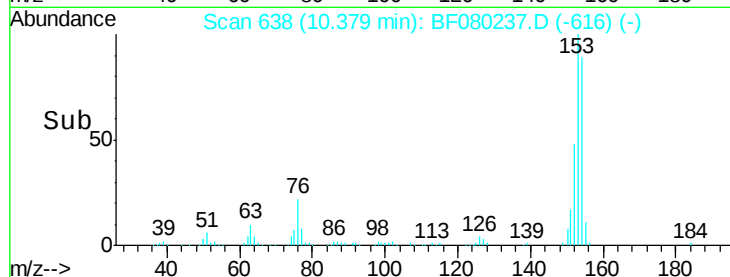
152 54.2 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.12 ng

RT: 10.29 min Scan# 630

Delta R.T. -0.03 min

Lab File: BF080237.D

Acq: 30 Jun 2015 15:39

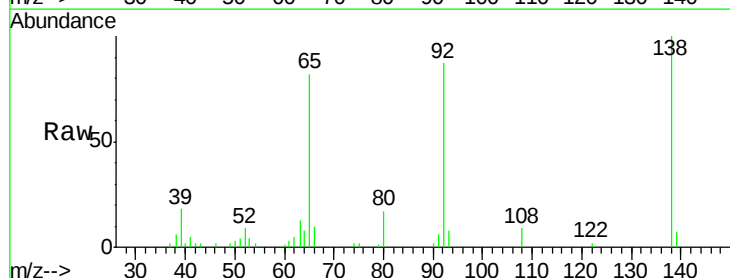
Tgt Ion:138 Resp: 33780

Ion Ratio Lower Upper

138 100

108 9.2 5.7 8.5#

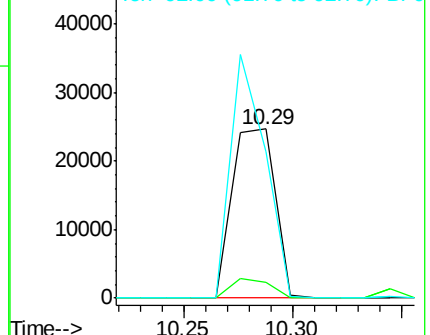
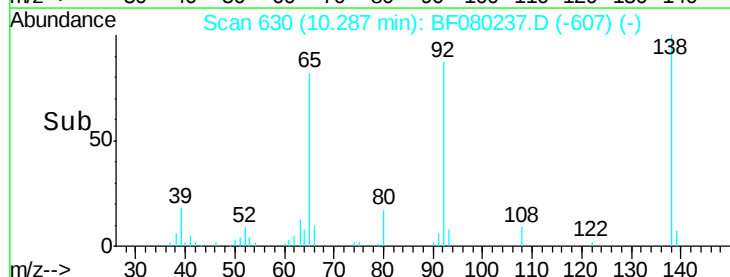
92 86.7 67.7 101.5

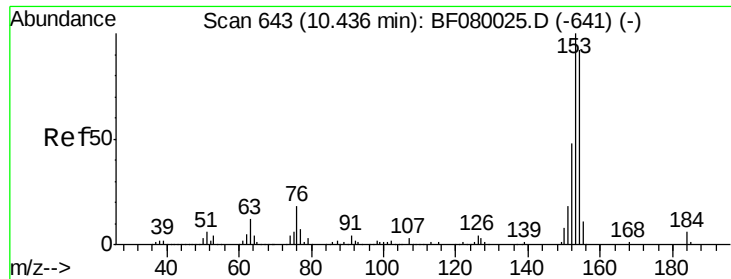


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

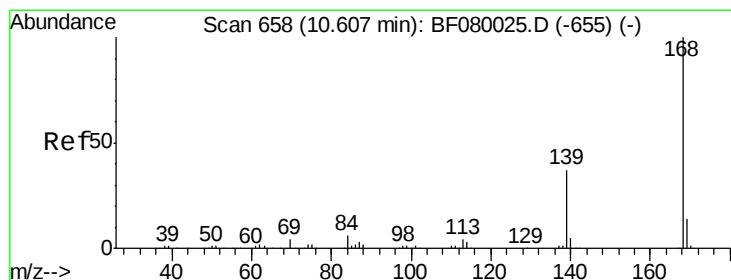
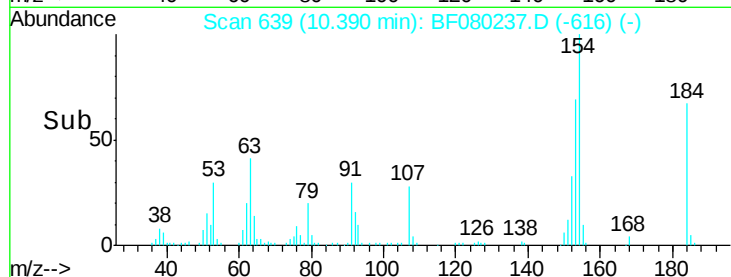
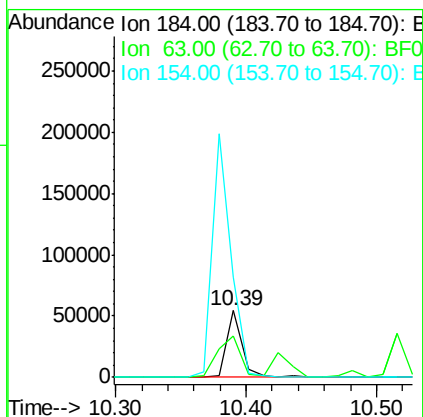
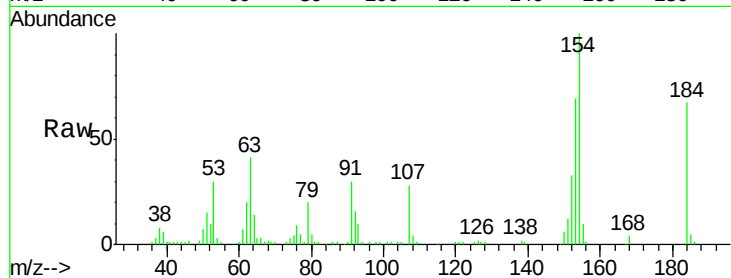




#53
2,4-Dinitrophenol
Concen: 146.91 ng
RT: 10.39 min Scan# 639
Delta R.T. -0.03 min
Lab File: BF080237.D
Acq: 30 Jun 2015 15:39

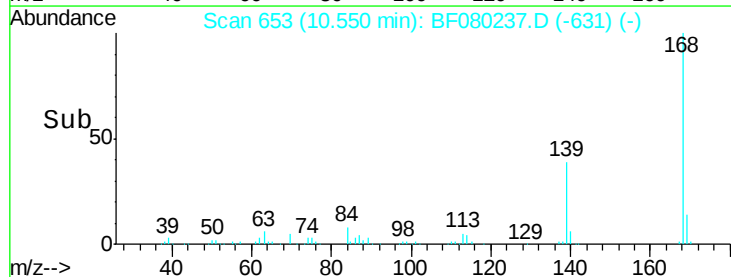
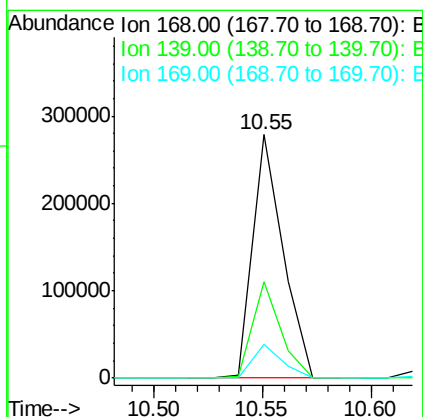
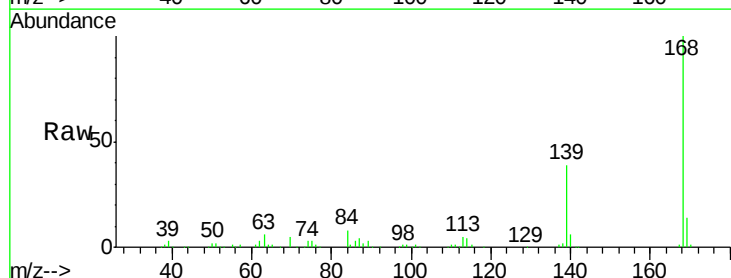
Instrument :
BNA_F
ClientSampleId :
PB84270BS

Tgt Ion:184 Resp: 45198
Ion Ratio Lower Upper
184 100
63 61.8 35.4 53.2#
154 150.3 32.2 48.4#



#54
Dibenzofuran
Concen: 58.19 ng
RT: 10.55 min Scan# 653
Delta R.T. -0.05 min
Lab File: BF080237.D
Acq: 30 Jun 2015 15:39

Tgt Ion:168 Resp: 269472
Ion Ratio Lower Upper
168 100
139 39.4 24.2 36.2#
169 13.7 10.6 15.8





#55

4-Nitrophenol

Concen: 111.46 ng

RT: 10.42 min Scan# 642

Delta R.T. -0.03 min

Lab File: BF080237.D

Acq: 30 Jun 2015 15:39

Instrument :

BNA_F

ClientSampled :

PB84270BS

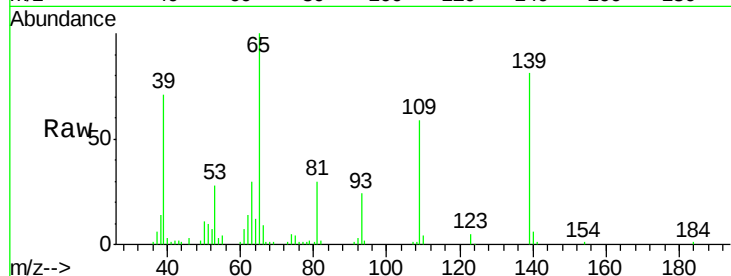
Tgt Ion:139 Resp: 75011

Ion Ratio Lower Upper

139 100

109 72.8 12.7 52.7#

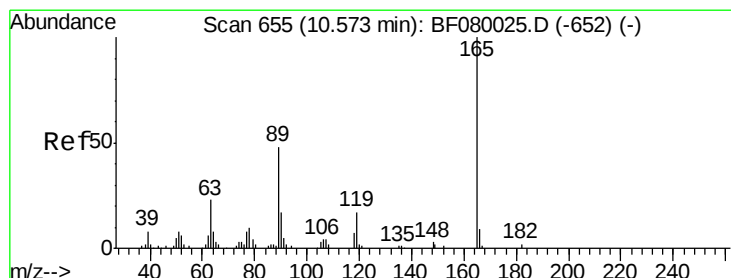
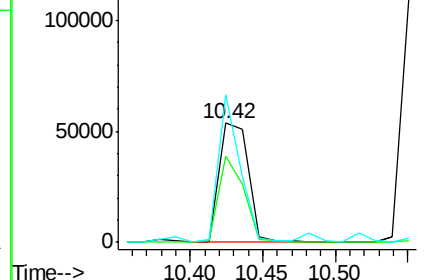
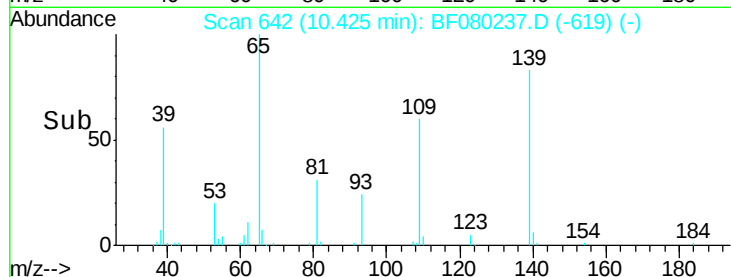
65 123.6 45.9 85.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 68.88 ng

RT: 10.52 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF080237.D

Acq: 30 Jun 2015 15:39

Tgt Ion:165 Resp: 63783

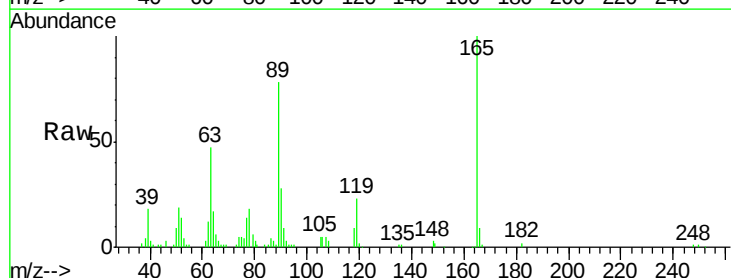
Ion Ratio Lower Upper

165 100

63 47.2 29.8 44.6#

89 77.8 44.5 66.7#

182 2.2 3.0 4.4#

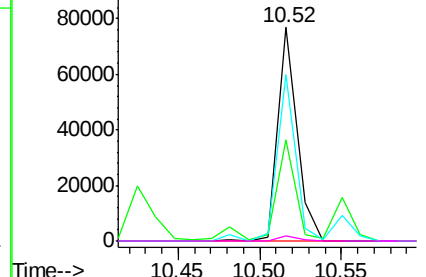
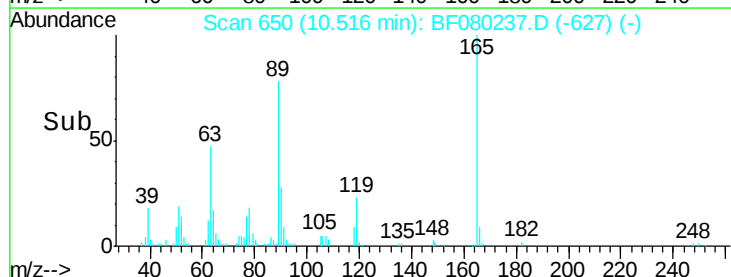


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 61.37 ng

RT: 10.90 min Scan# 684

Delta R.T. -0.03 min

Lab File: BF080237.D

Acq: 30 Jun 2015 15:39

Instrument :

BNA_F

ClientSampleId :

PB84270BS

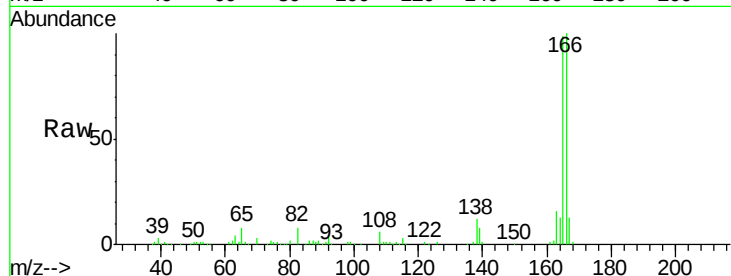
Tgt Ion:166 Resp: 225510

Ion Ratio Lower Upper

166 100

165 98.8 72.6 109.0

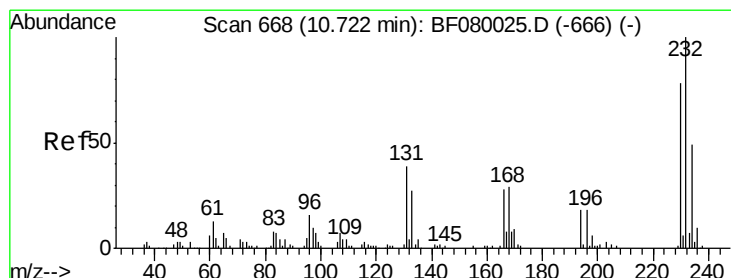
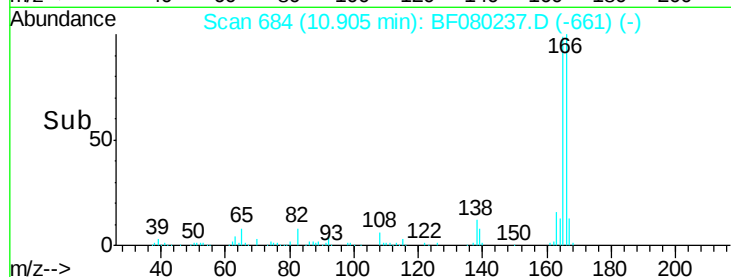
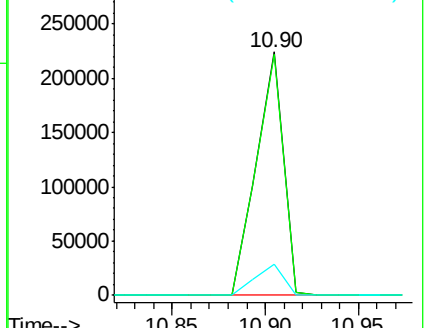
167 12.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 55.01 ng

RT: 10.66 min Scan# 663

Delta R.T. -0.05 min

Lab File: BF080237.D

Acq: 30 Jun 2015 15:39

Tgt Ion:232 Resp: 51292

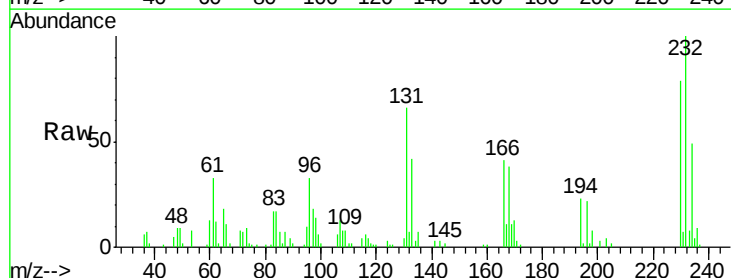
Ion Ratio Lower Upper

232 100

131 44.5 38.5 57.7

130 2.4 1.8 2.6

166 31.0 25.0 37.6

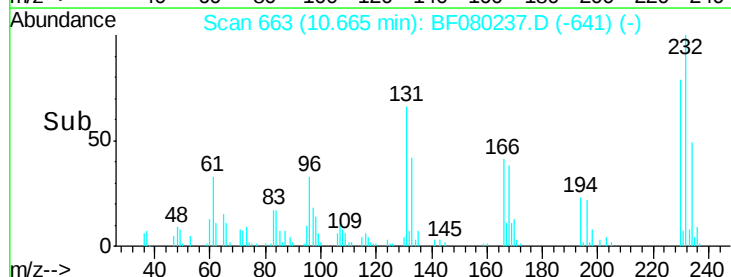
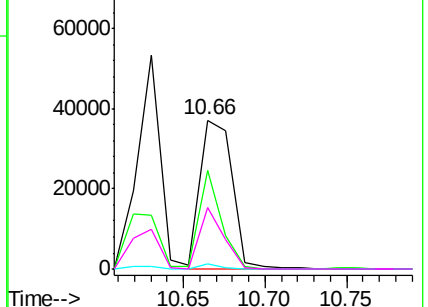


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

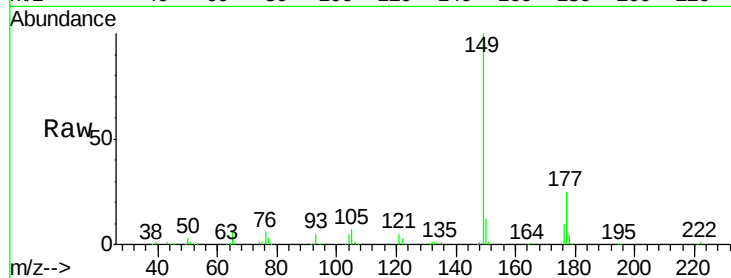




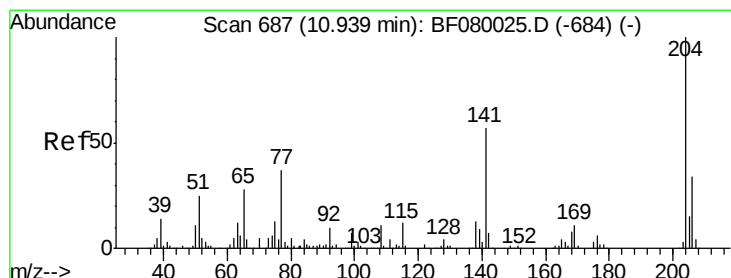
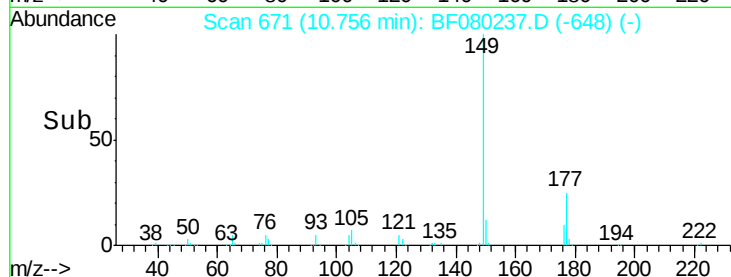
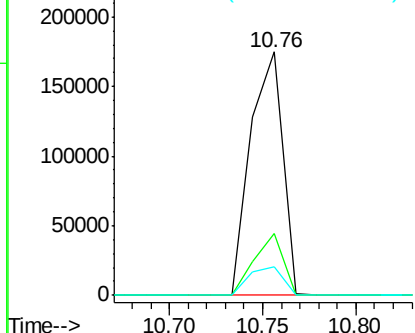
#59
Diethylphthalate
Concen: 56.95 ng
RT: 10.76 min Scan# 671
Delta R.T. -0.03 min
Lab File: BF080237.D
Acq: 30 Jun 2015 15:39

Instrument :
BNA_F
ClientSampleId :
PB84270BS

Tgt Ion:149 Resp: 208740
Ion Ratio Lower Upper
149 100
177 25.3 17.5 26.3
150 11.9 9.4 14.2

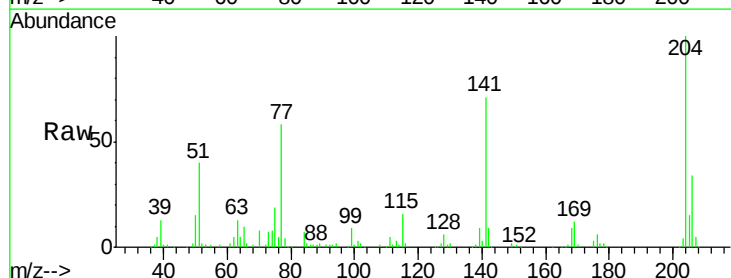


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

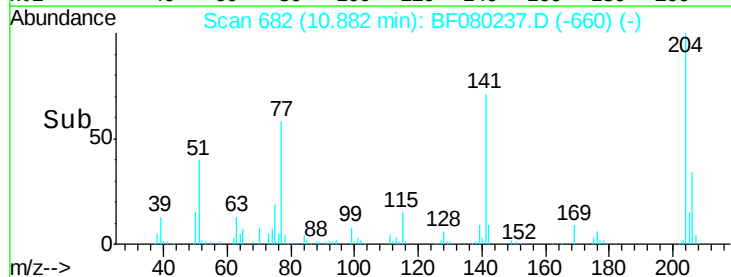
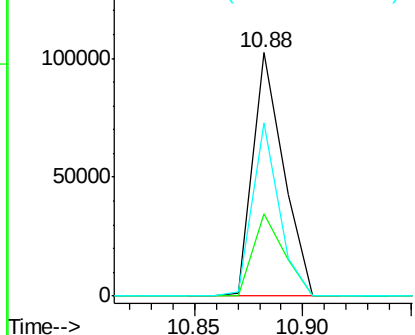


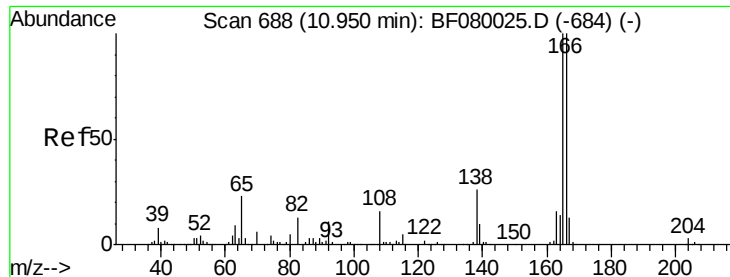
#60
4-Chlorophenyl-phenylether
Concen: 56.94 ng
RT: 10.88 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF080237.D
Acq: 30 Jun 2015 15:39

Tgt Ion:204 Resp: 100554
Ion Ratio Lower Upper
204 100
206 33.8 24.8 37.2
141 71.1 42.2 63.4#



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: 53.52 ng

RT: 10.89 min Scan# 683

Delta R.T. -0.03 min

Lab File: BF080237.D

Acq: 30 Jun 2015 15:39

Instrument :

BNA_F

ClientSampleId :

PB84270BS

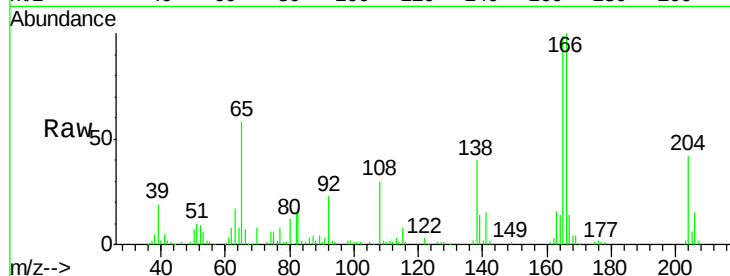
Tgt Ion:138 Resp: 46540

Ion Ratio Lower Upper

138 100

92 59.1 12.6 52.6#

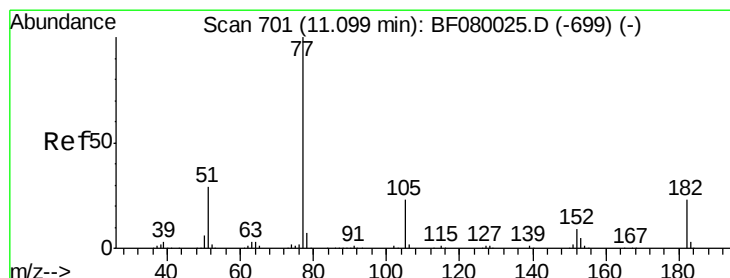
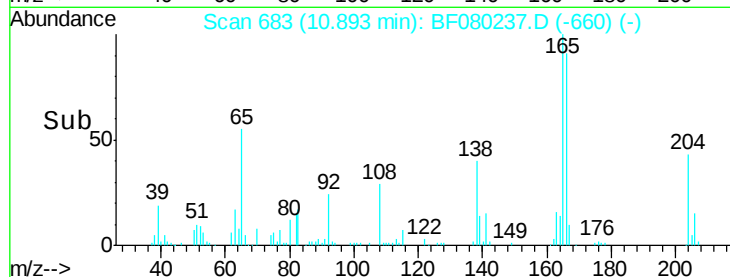
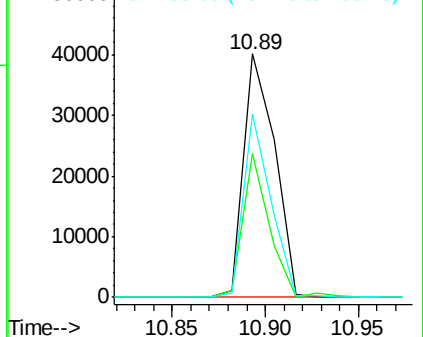
108 75.3 12.4 52.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 55.21 ng

RT: 11.04 min Scan# 696

Delta R.T. -0.05 min

Lab File: BF080237.D

Acq: 30 Jun 2015 15:39

Tgt Ion: 77 Resp: 205997

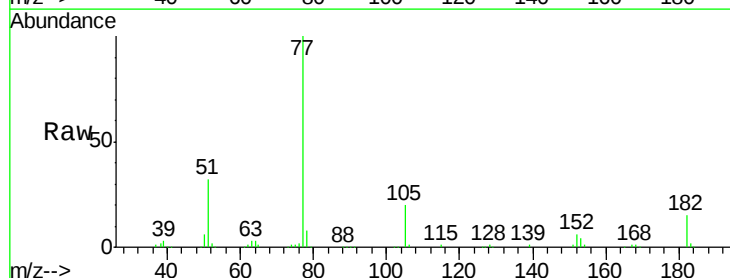
Ion Ratio Lower Upper

77 100

182 14.9 15.1 55.1#

105 19.6 3.4 43.4

51 31.6 12.0 52.0

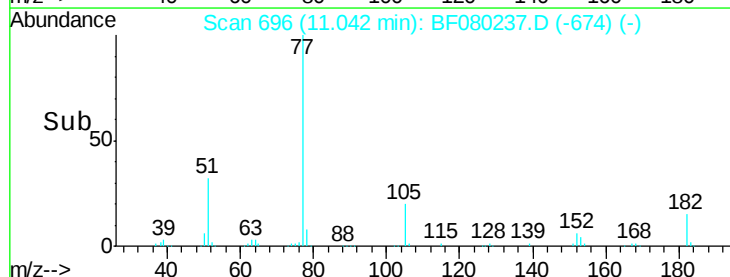
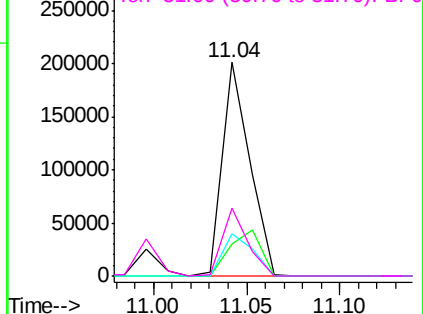


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

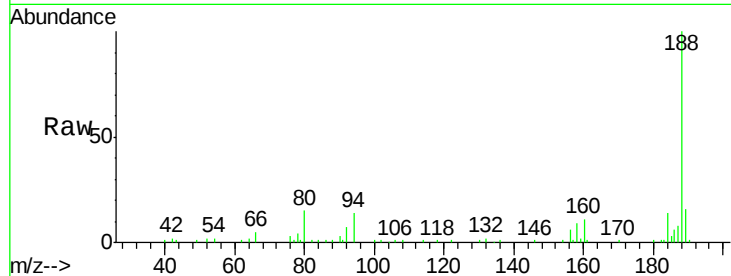




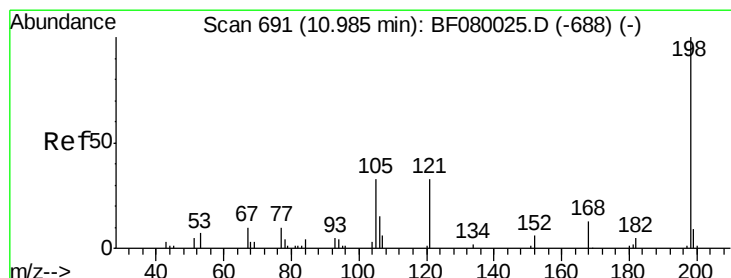
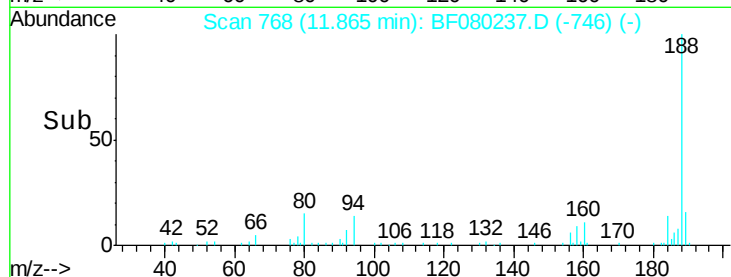
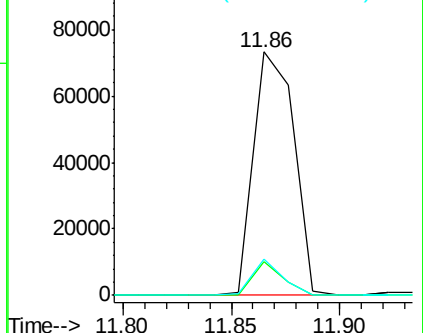
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.86 min Scan# 768
 Delta R.T. -0.05 min
 Lab File: BF080237.D
 Acq: 30 Jun 2015 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84270BS

Tgt Ion:188 Resp: 95279
 Ion Ratio Lower Upper
 188 100
 94 13.8 11.1 16.7
 80 14.9 11.0 16.4

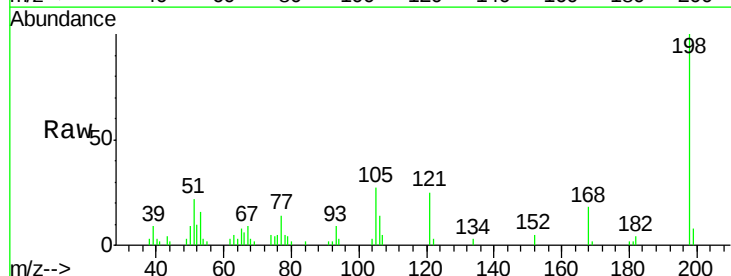


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

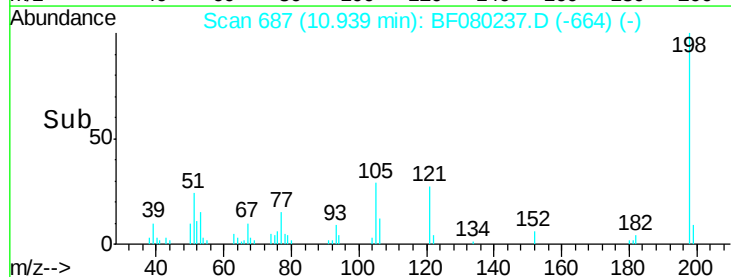
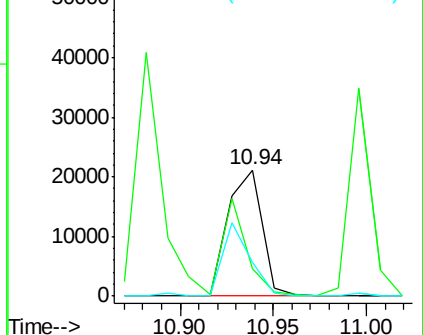


#64
 4,6-Dinitro-2-methylphenol
 Concen: 54.26 ng
 RT: 10.94 min Scan# 687
 Delta R.T. -0.03 min
 Lab File: BF080237.D
 Acq: 30 Jun 2015 15:39

Tgt Ion:198 Resp: 27324
 Ion Ratio Lower Upper
 198 100
 51 21.7 39.6 79.6#
 105 26.6 28.5 68.5#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

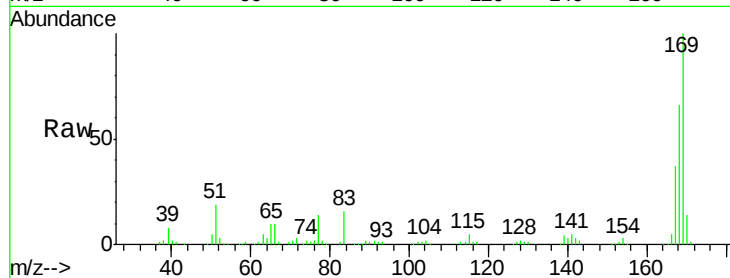




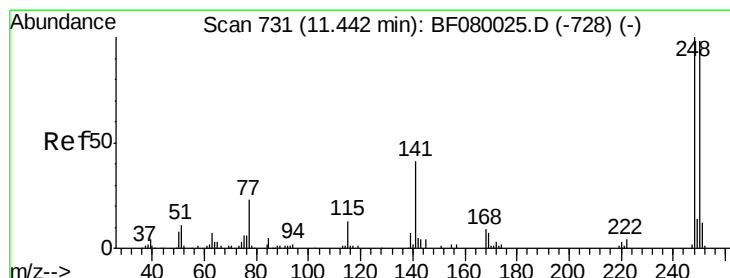
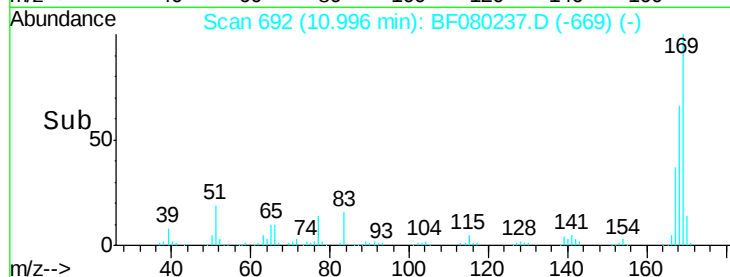
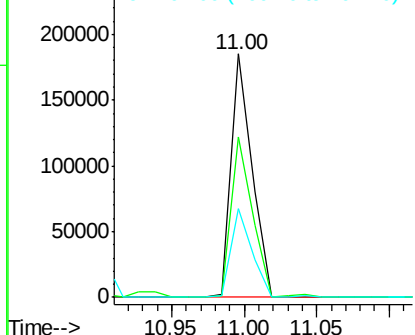
#65
 n-Nitrosodiphenylamine
 Concen: 59.18 ng
 RT: 11.00 min Scan# 692
 Delta R.T. -0.03 min
 Lab File: BF080237.D
 Acq: 30 Jun 2015 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84270BS

Tgt Ion:169 Resp: 183623
 Ion Ratio Lower Upper
 169 100
 168 66.1 48.9 73.3
 167 36.7 26.2 39.4

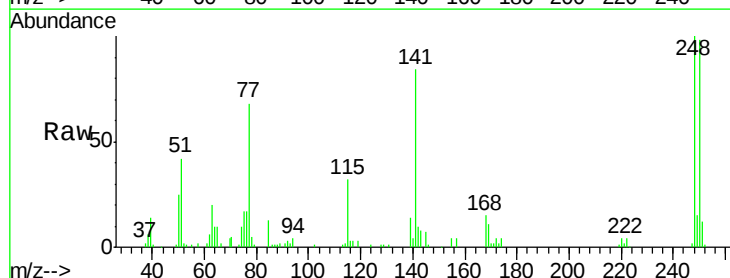


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

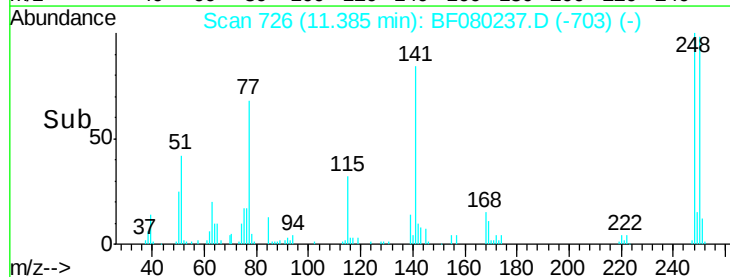
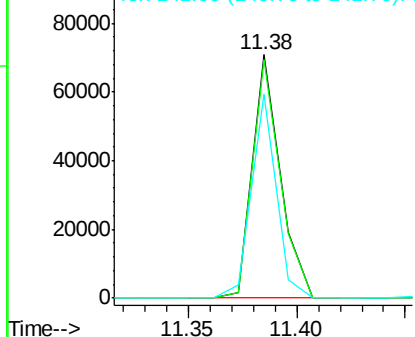


#66
 4-Bromophenyl-phenylether
 Concen: 61.98 ng
 RT: 11.38 min Scan# 726
 Delta R.T. -0.03 min
 Lab File: BF080237.D
 Acq: 30 Jun 2015 15:39

Tgt Ion:248 Resp: 62787
 Ion Ratio Lower Upper
 248 100
 250 98.2 78.5 117.7
 141 83.9 59.0 88.6



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: 57.61 ng

RT: 11.46 min Scan# 733

Delta R.T. -0.05 min

Lab File: BF080237.D

Acq: 30 Jun 2015 15:39

Instrument :

BNA_F

ClientSampleId :

PB84270BS

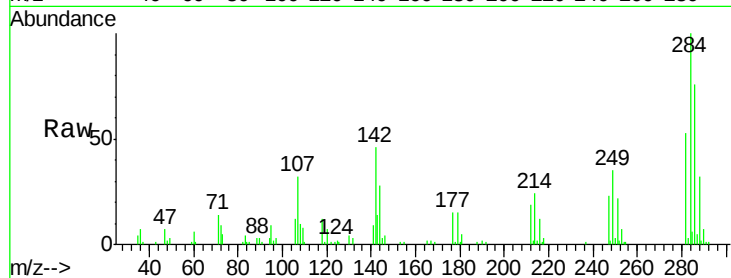
Tgt Ion:284 Resp: 64865

Ion Ratio Lower Upper

284 100

142 46.4 29.5 44.3#

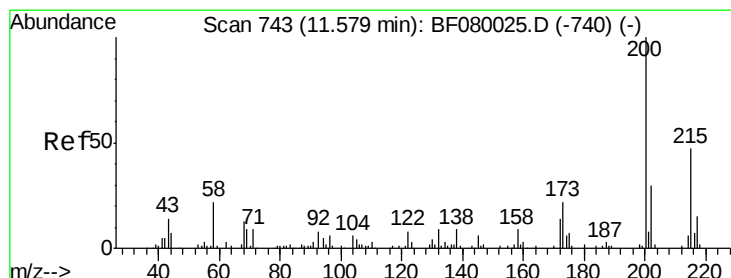
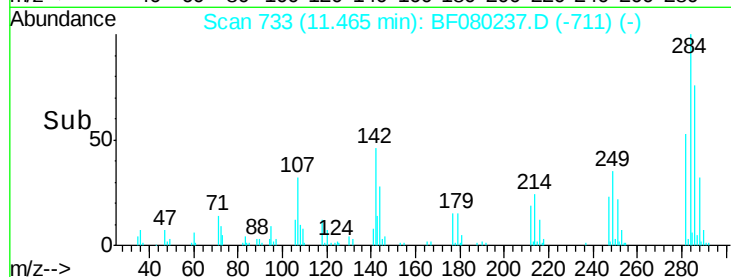
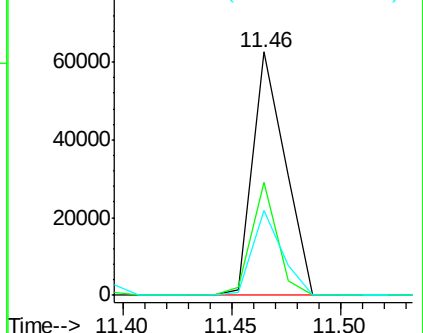
249 34.8 19.5 29.3#



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: 58.75 ng

RT: 11.53 min Scan# 739

Delta R.T. -0.03 min

Lab File: BF080237.D

Acq: 30 Jun 2015 15:39

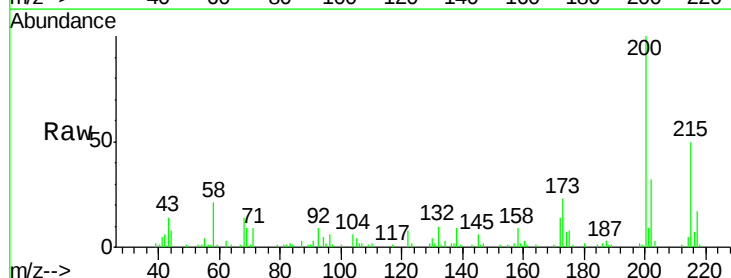
Tgt Ion:200 Resp: 57589

Ion Ratio Lower Upper

200 100

173 23.3 13.2 53.2

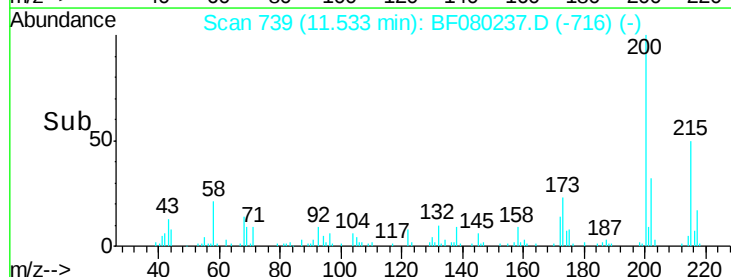
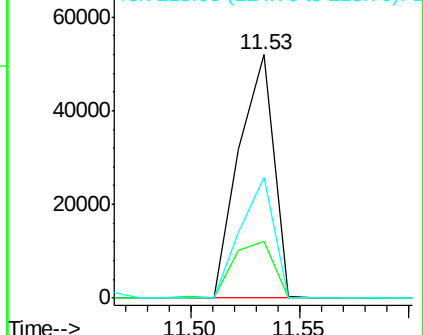
215 49.6 41.8 81.8

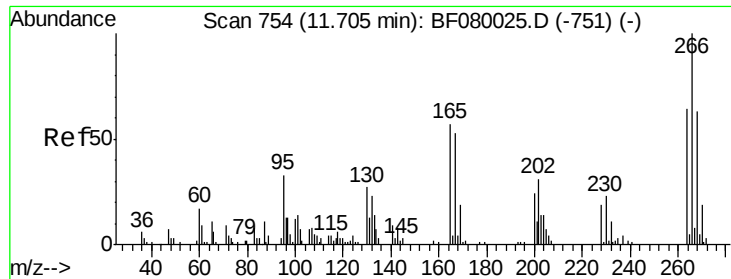


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

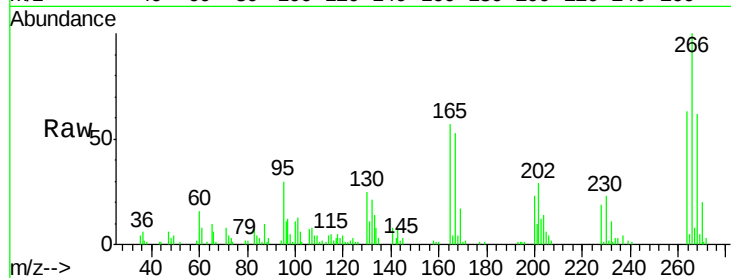




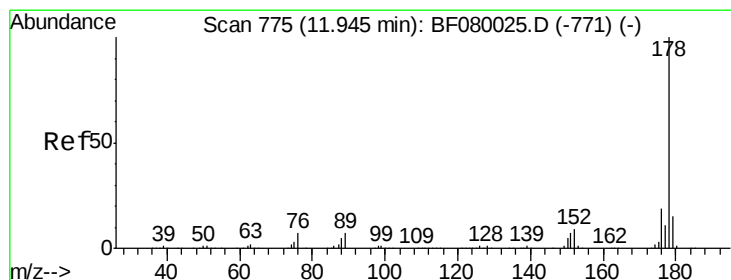
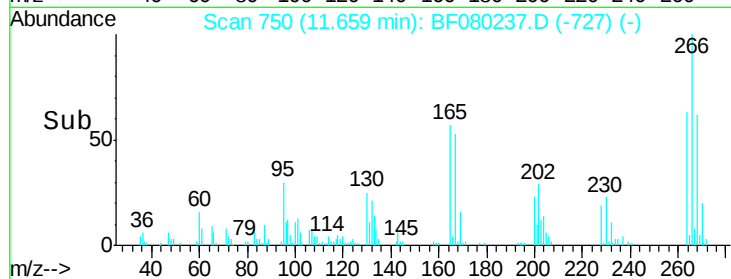
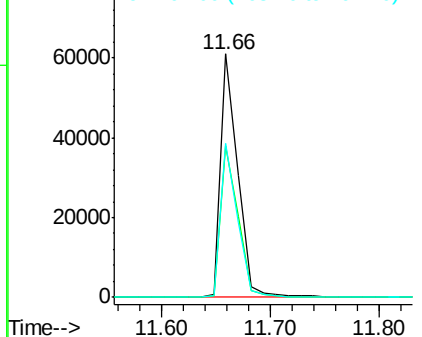
#69
 Pentachlorophenol
 Concen: 105.30 ng
 RT: 11.66 min Scan# 750
 Delta R.T. -0.03 min
 Lab File: BF080237.D
 Acq: 30 Jun 2015 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84270BS

Tgt Ion:266 Resp: 67185
 Ion Ratio Lower Upper
 266 100
 268 62.0 49.8 74.6
 264 63.2 50.2 75.2

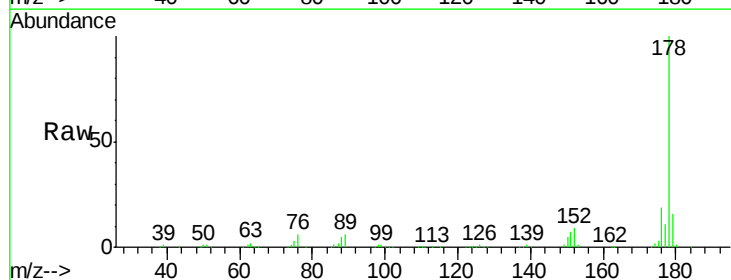


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

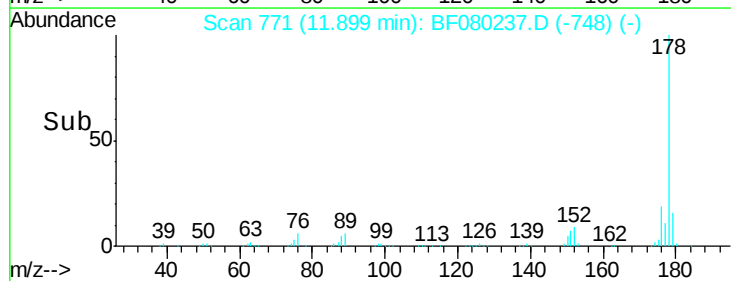
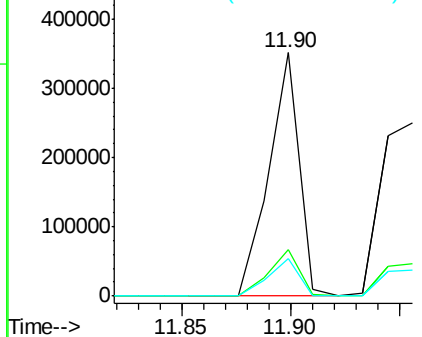


#70
 Phenanthrene
 Concen: 59.39 ng
 RT: 11.90 min Scan# 771
 Delta R.T. -0.03 min
 Lab File: BF080237.D
 Acq: 30 Jun 2015 15:39

Tgt Ion:178 Resp: 342575
 Ion Ratio Lower Upper
 178 100
 176 19.2 13.8 20.8
 179 15.5 12.2 18.2



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

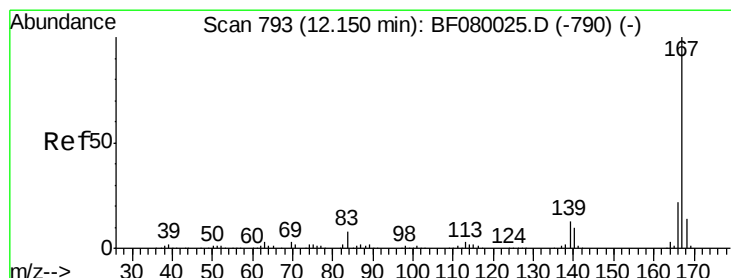
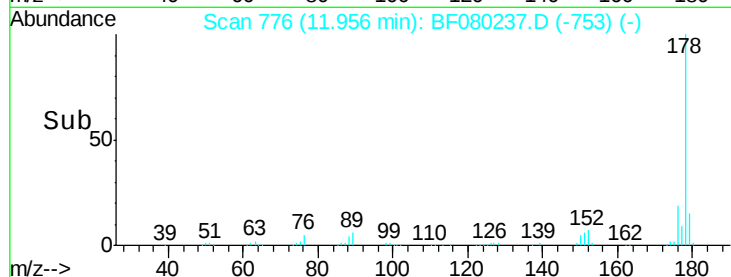
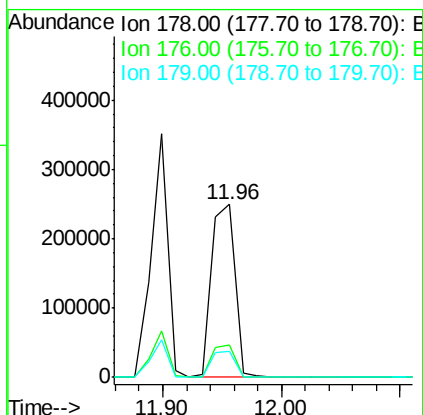
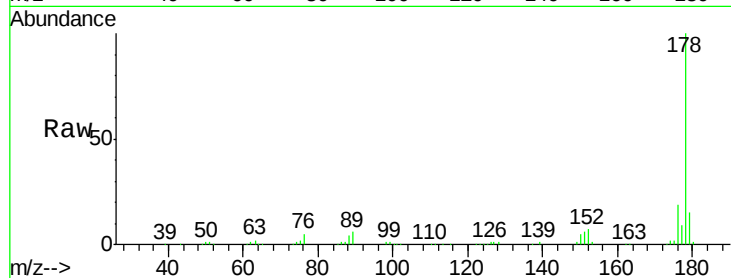




#71
 Anthracene
 Concen: 61.00 ng
 RT: 11.96 min Scan# 776
 Delta R.T. -0.03 min
 Lab File: BF080237.D
 Acq: 30 Jun 2015 15:39

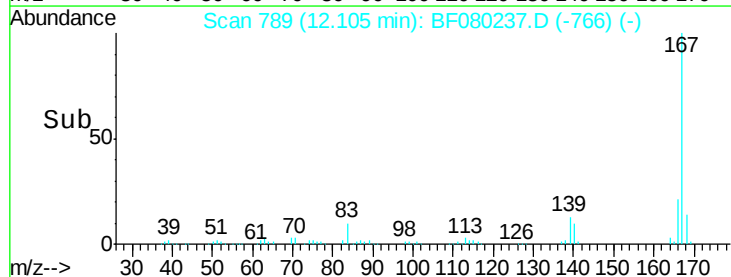
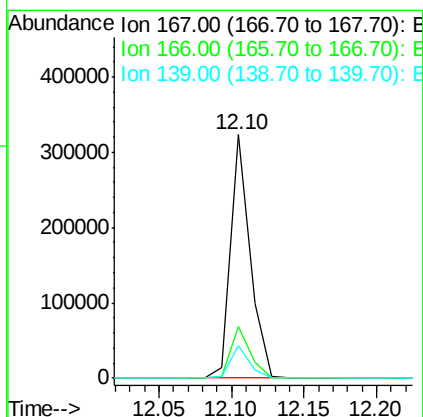
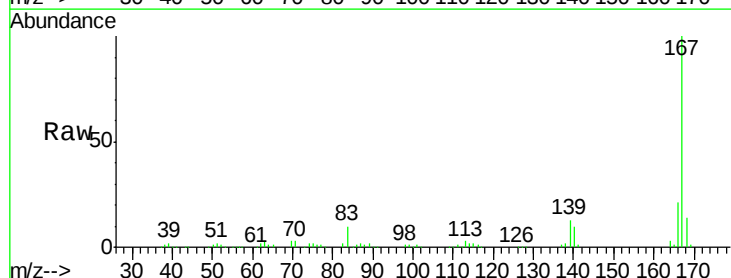
Instrument :
 BNA_F
 ClientSampleId :
 PB84270BS

Tgt Ion:178 Resp: 338789
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.1 21.1
 179 14.9 12.2 18.2



#72
 Carbazole
 Concen: 56.72 ng
 RT: 12.10 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF080237.D
 Acq: 30 Jun 2015 15:39

Tgt Ion:167 Resp: 300785
 Ion Ratio Lower Upper
 167 100
 166 21.2 15.7 23.5
 139 13.2 9.5 14.3





#73

Di-n-butylphthalate

Concen: 53.68 ng

RT: 12.45 min Scan# 819

Delta R.T. -0.03 min

Lab File: BF080237.D

Acq: 30 Jun 2015 15:39

Instrument :

BNA_F

ClientSampleId :

PB84270BS

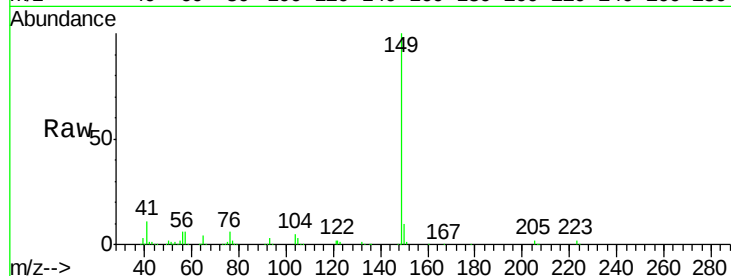
Tgt Ion:149 Resp: 328849

Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.2

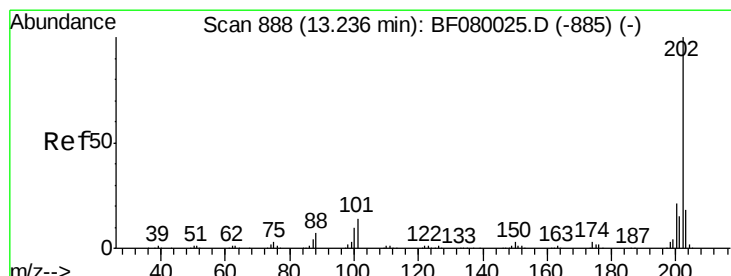
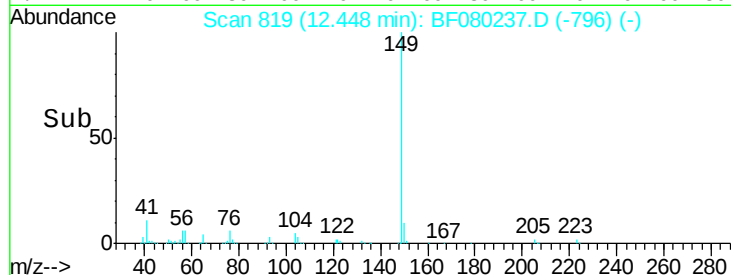
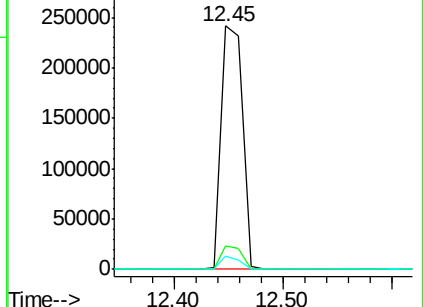
104 5.5 2.4 3.6#



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: 57.50 ng

RT: 13.22 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF080237.D

Acq: 30 Jun 2015 15:39

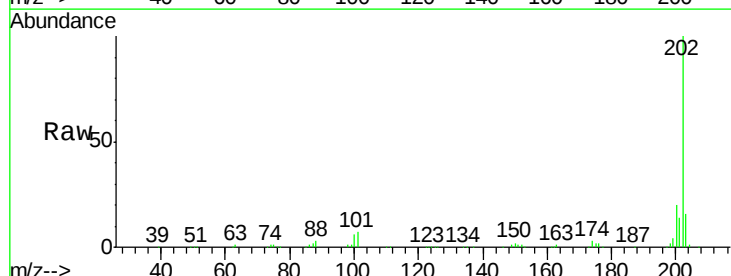
Tgt Ion:202 Resp: 353274

Ion Ratio Lower Upper

202 100

101 7.2 0.0 38.3

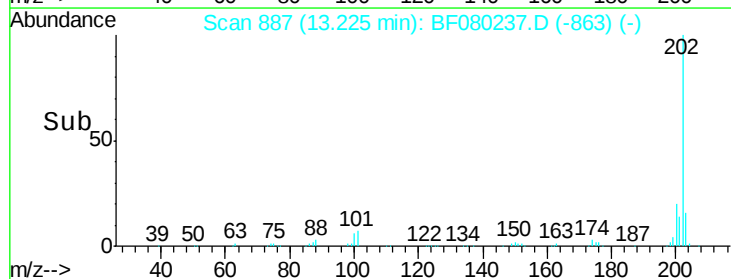
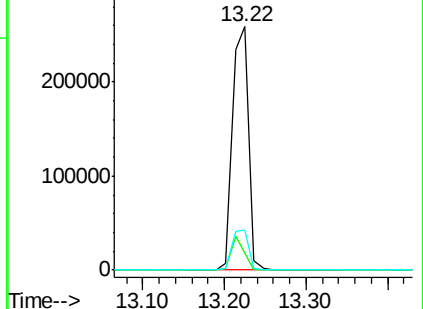
203 16.4 0.0 37.3

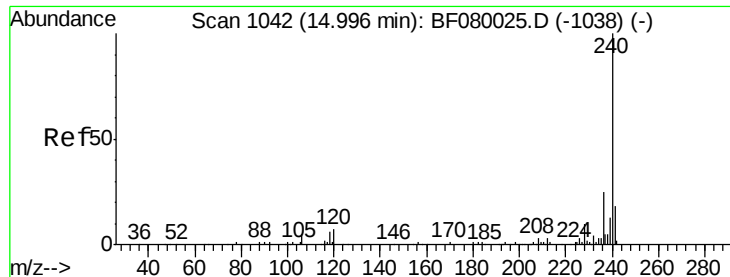


Abundance Ion 202.00 (201.70 to 202.70): E

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: 15.03 min Scan# 1045

Delta R.T. 0.03 min

Lab File: BF080237.D

Acq: 30 Jun 2015 15:39

Instrument :

BNA_F

ClientSampleId :

PB84270BS

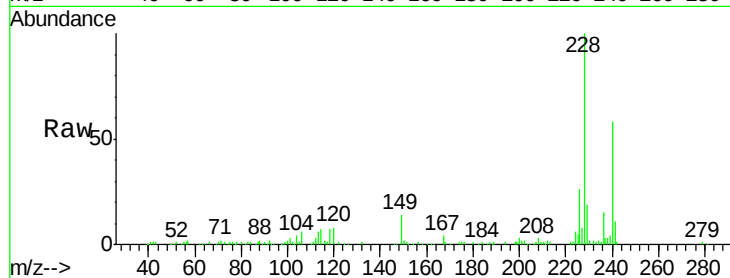
Tgt Ion:240 Resp: 101551

Ion Ratio Lower Upper

240 100

120 13.6 16.2 24.2#

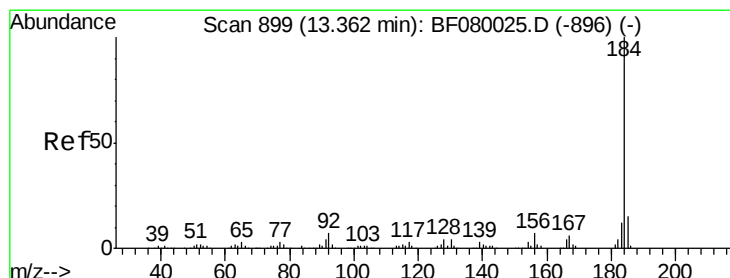
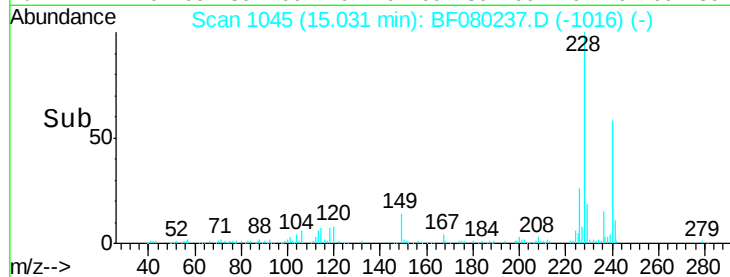
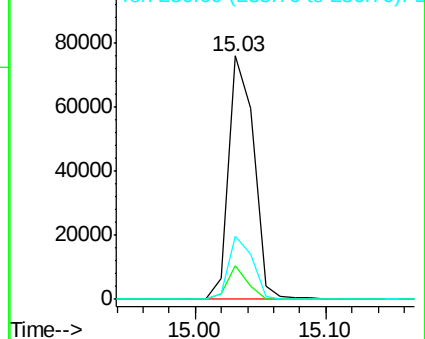
236 25.8 18.4 27.6



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: 65.55 ng

RT: 13.35 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF080237.D

Acq: 30 Jun 2015 15:39

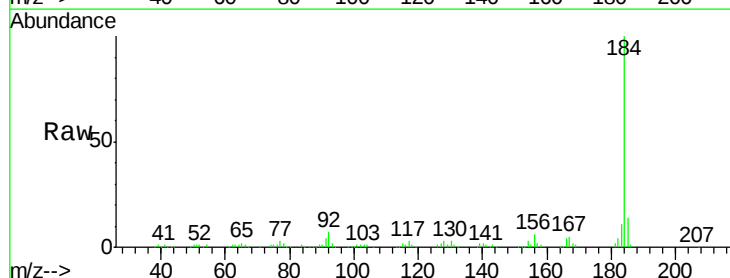
Tgt Ion:184 Resp: 186064

Ion Ratio Lower Upper

184 100

185 14.1 11.8 17.6

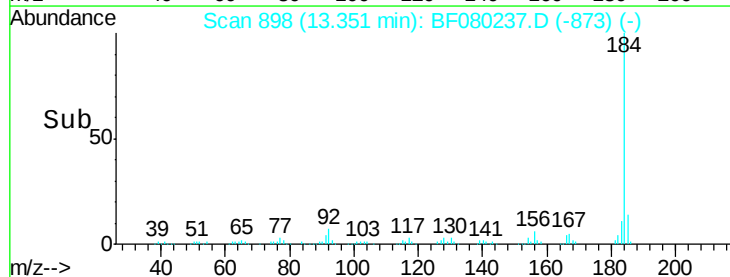
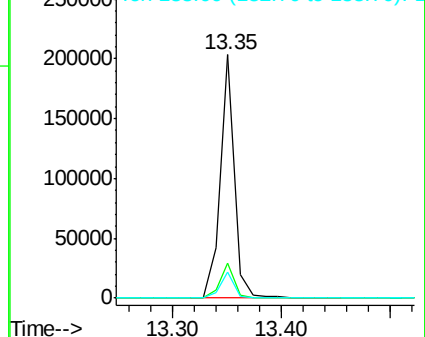
183 10.9 7.6 11.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

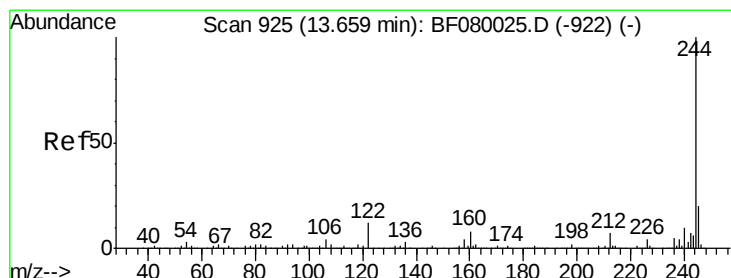
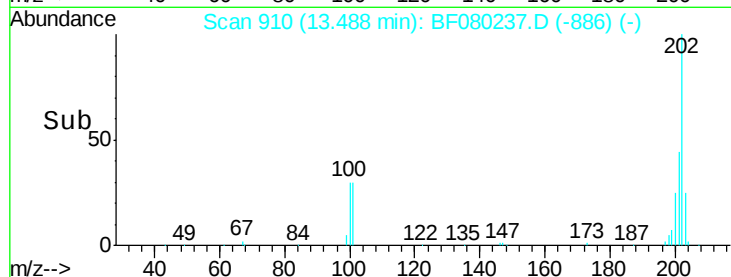
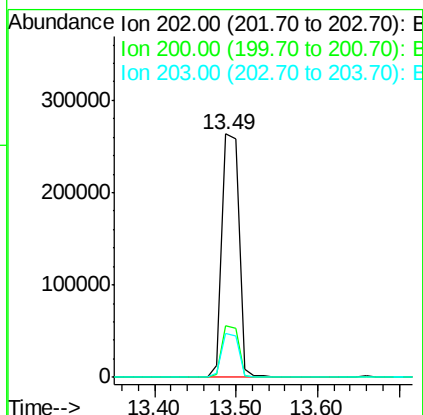
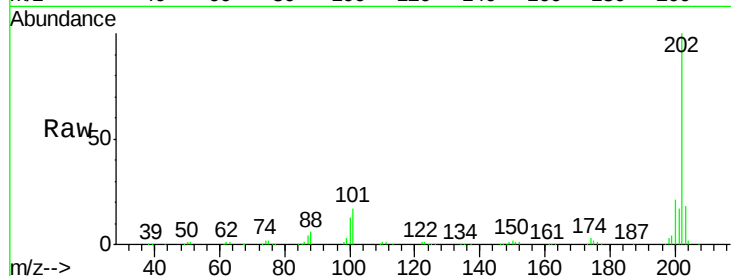




#77
 Pyrene
 Concen: 60.40 ng
 RT: 13.49 min Scan# 910
 Delta R.T. -0.02 min
 Lab File: BF080237.D
 Acq: 30 Jun 2015 15:39

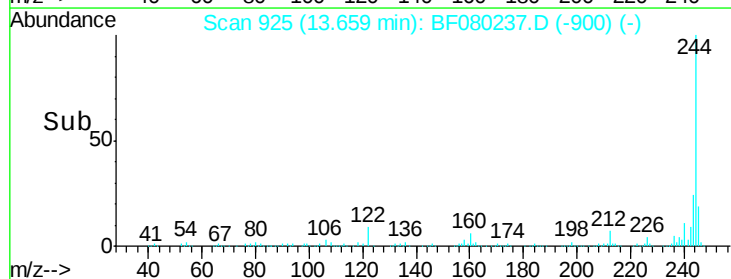
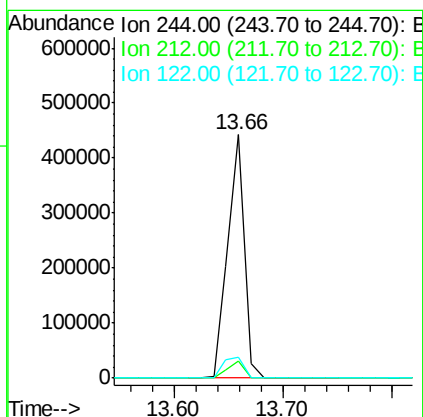
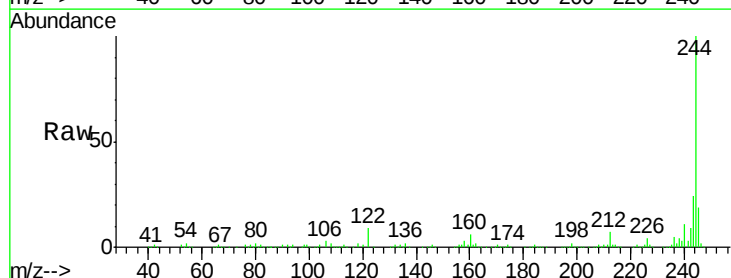
Instrument :
 BNA_F
 ClientSampleId :
 PB84270BS

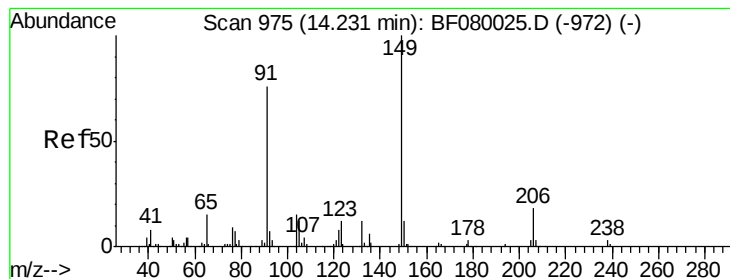
Tgt Ion: 202 Resp: 377626
 Ion Ratio Lower Upper
 202 100
 200 21.4 15.0 22.4
 203 18.2 14.1 21.1



#78
 Terphenyl-d14
 Concen: 107.28 ng
 RT: 13.66 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF080237.D
 Acq: 30 Jun 2015 15:39

Tgt Ion: 244 Resp: 466484
 Ion Ratio Lower Upper
 244 100
 212 6.8 4.3 6.5#
 122 8.8 17.4 26.2#





#79

Butylbenzylphthalate

Concen: 59.85 ng

RT: 14.25 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF080237.D

Acq: 30 Jun 2015 15:39

Instrument :

BNA_F

ClientSampleId :

PB84270BS

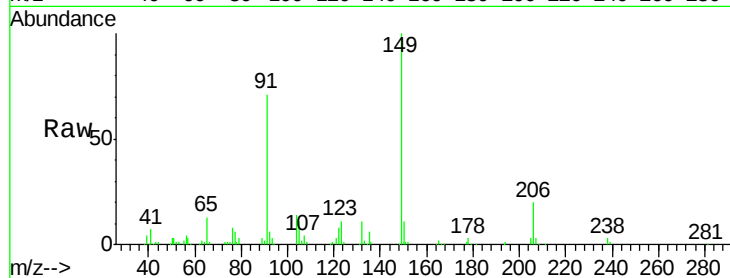
Tgt Ion:149 Resp: 150282

Ion Ratio Lower Upper

149 100

91 70.6 48.6 72.8

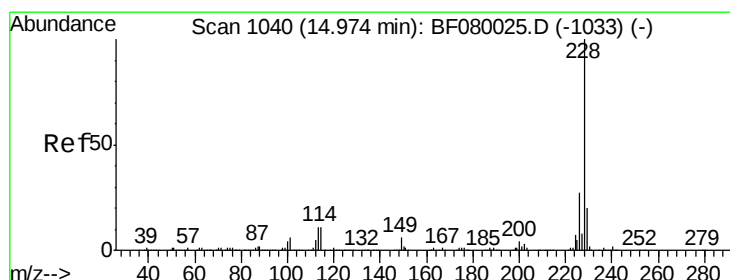
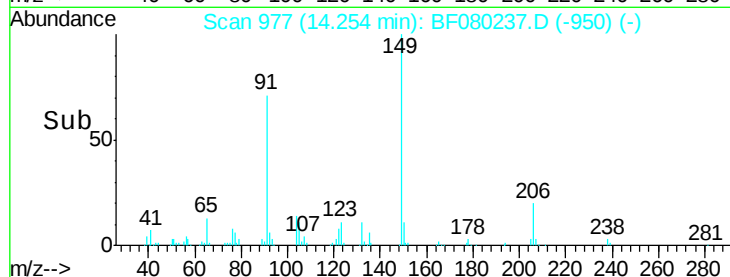
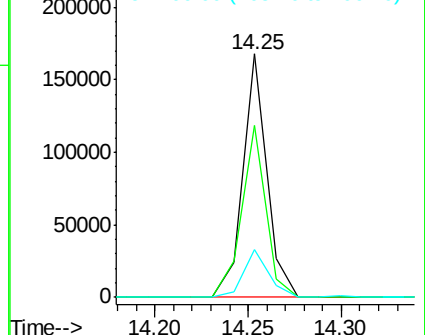
206 19.6 14.9 22.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 56.55 ng

RT: 15.02 min Scan# 1044

Delta R.T. 0.03 min

Lab File: BF080237.D

Acq: 30 Jun 2015 15:39

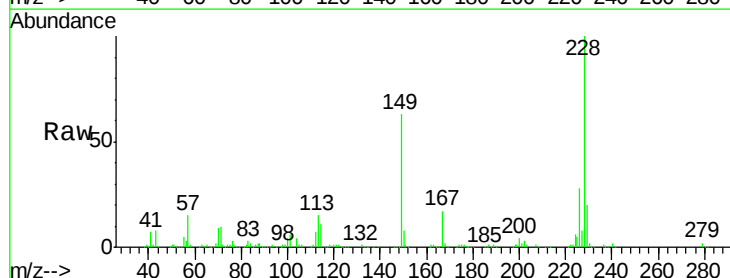
Tgt Ion:228 Resp: 349861

Ion Ratio Lower Upper

228 100

226 27.7 20.0 30.0

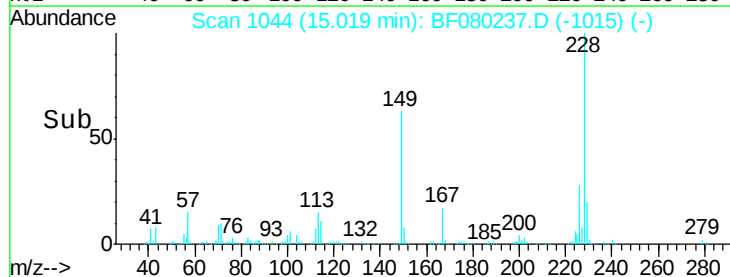
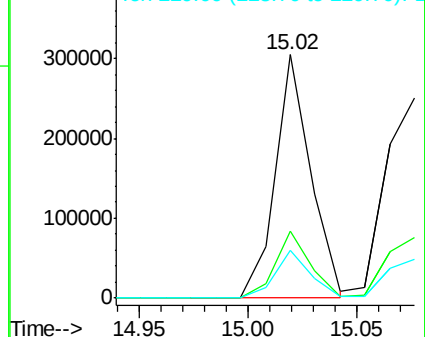
229 19.8 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

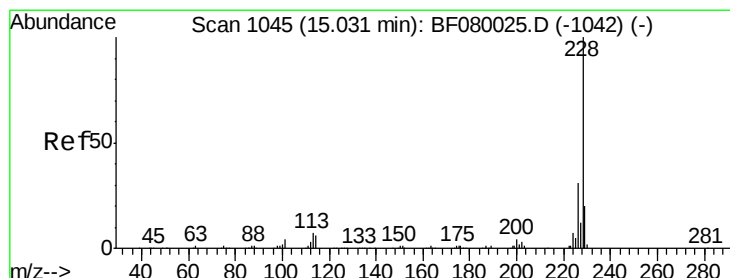
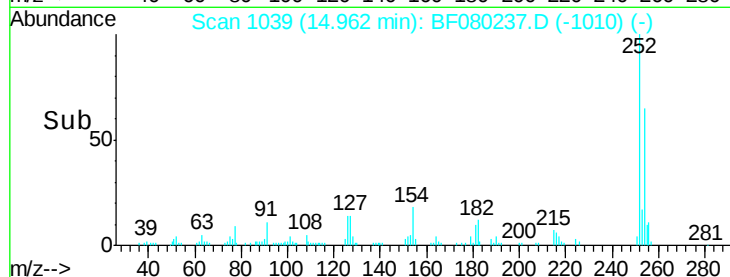
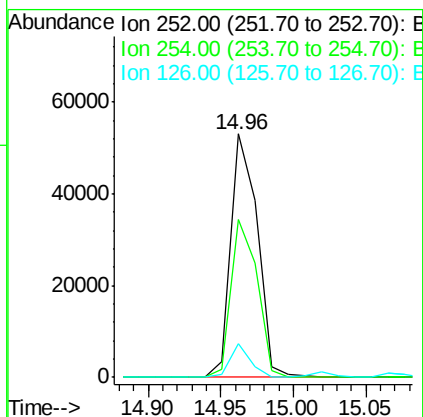
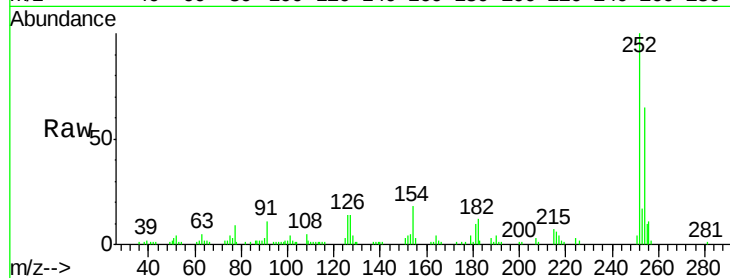




#81
 3,3'-Dichlorobenzidine
 Concen: 31.57 ng
 RT: 14.96 min Scan# 1039
 Delta R.T. 0.03 min
 Lab File: BF080237.D
 Acq: 30 Jun 2015 15:39

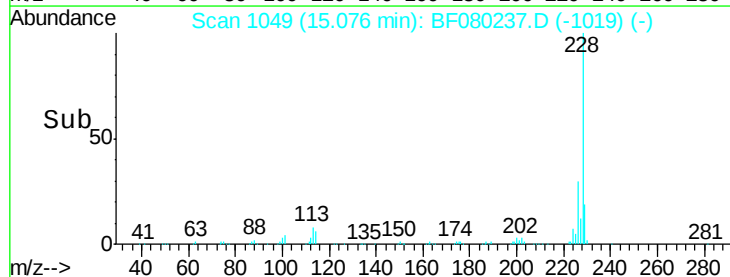
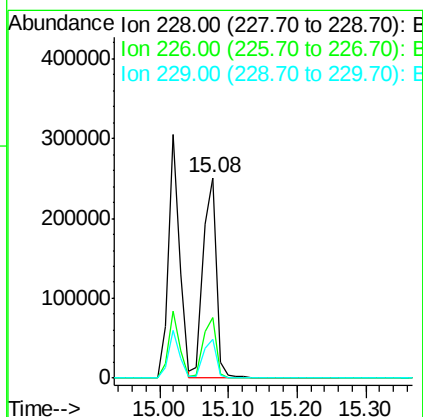
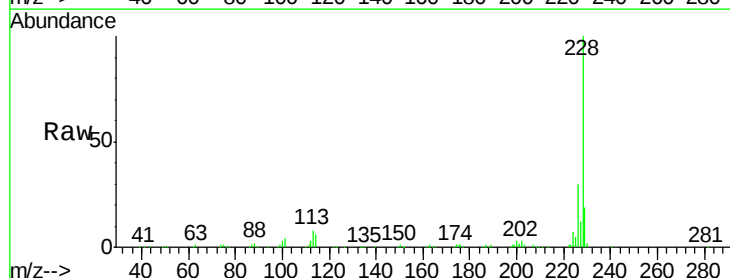
Instrument :
 BNA_F
 ClientSampleId :
 PB84270BS

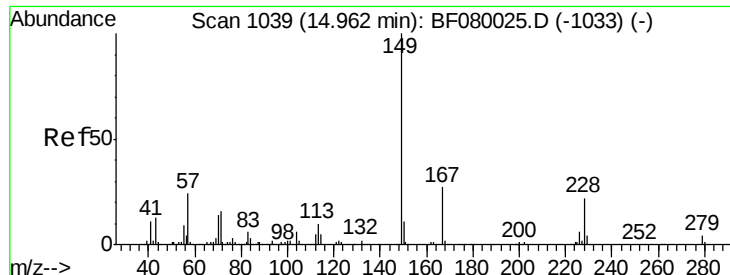
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.4	77.2
126	14.1	16.4	24.6#



#82
 Chrysene
 Concen: 58.78 ng
 RT: 15.08 min Scan# 1049
 Delta R.T. 0.05 min
 Lab File: BF080237.D
 Acq: 30 Jun 2015 15:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	21.0	31.4
229	19.1	15.6	23.4

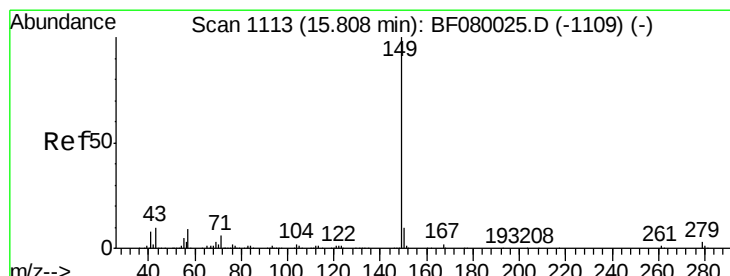
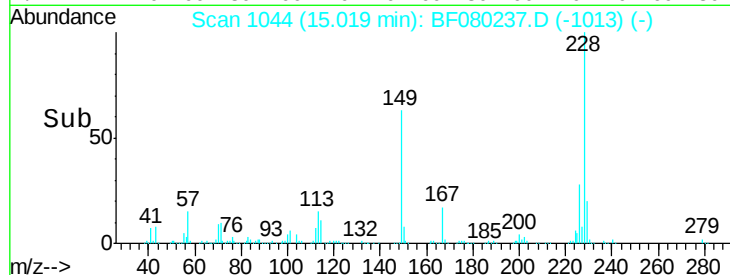
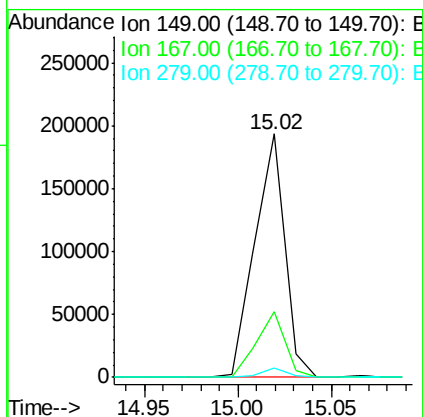
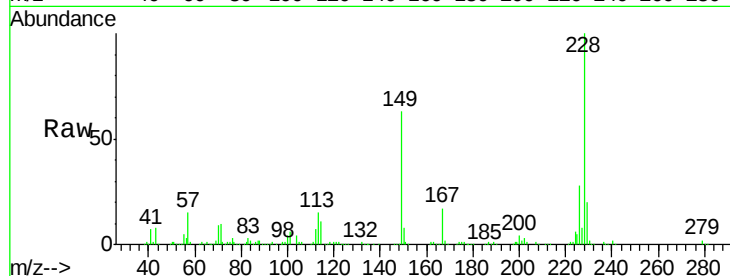




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.20 ng
 RT: 15.02 min Scan# 1044
 Delta R.T. 0.06 min
 Lab File: BF080237.D
 Acq: 30 Jun 2015 15:39

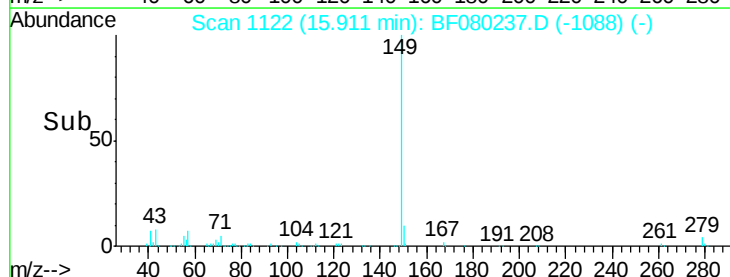
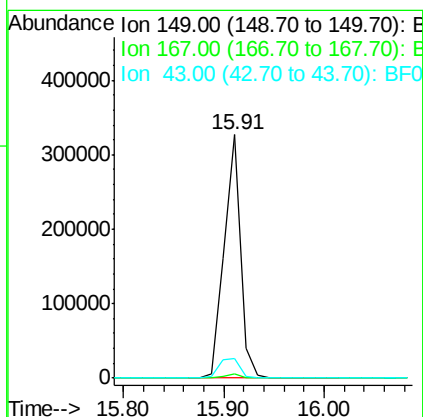
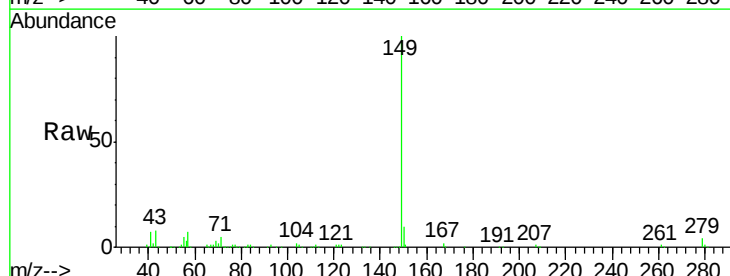
Instrument :
 BNA_F
 ClientSampleId :
 PB84270BS

Tgt Ion:149 Resp: 215066
 Ion Ratio Lower Upper
 149 100
 167 26.9 24.2 36.2
 279 3.8 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 54.50 ng
 RT: 15.91 min Scan# 1122
 Delta R.T. 0.09 min
 Lab File: BF080237.D
 Acq: 30 Jun 2015 15:39

Tgt Ion:149 Resp: 370584
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.0 1.6
 43 10.1 10.2 15.2#





#85

Indeno(1,2,3-cd)pyrene

Concen: 53.14 ng

RT: 18.89 min Scan# 1383

Delta R.T. 0.10 min

Lab File: BF080237.D

Acq: 30 Jun 2015 15:39

Instrument :

BNA_F

ClientSampleId :

PB84270BS

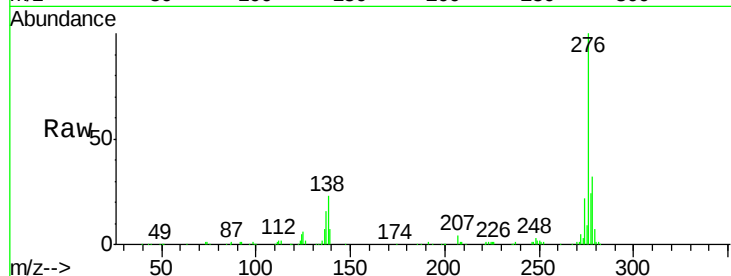
Tgt Ion:276 Resp: 382296

Ion Ratio Lower Upper

276 100

138 25.4 25.7 38.5#

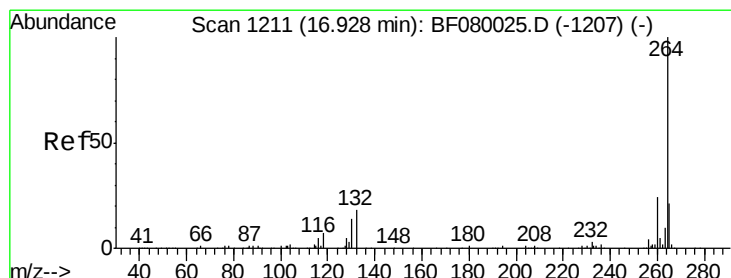
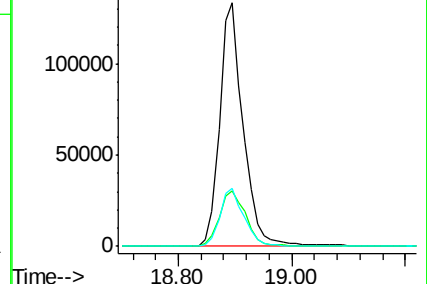
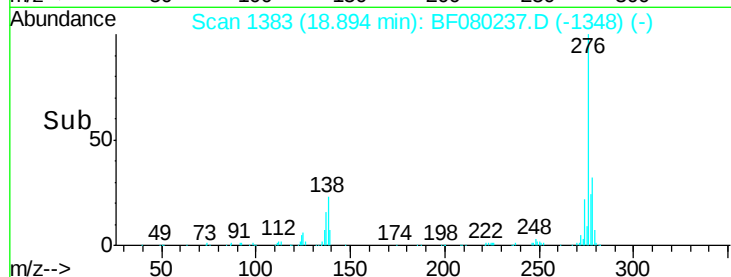
277 24.7 15.6 23.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.03 min Scan# 1220

Delta R.T. 0.10 min

Lab File: BF080237.D

Acq: 30 Jun 2015 15:39

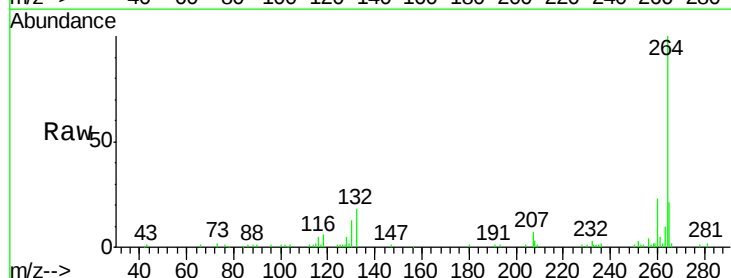
Tgt Ion:264 Resp: 97356

Ion Ratio Lower Upper

264 100

260 23.5 16.7 25.1

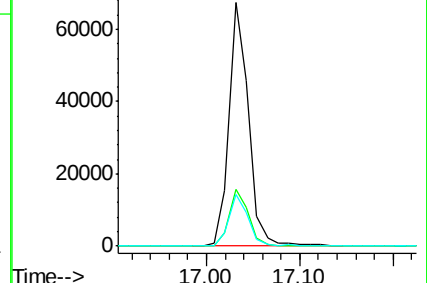
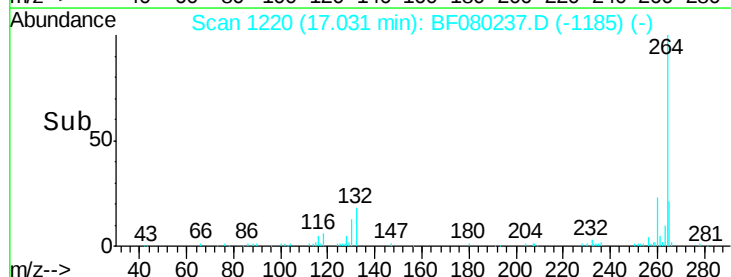
265 21.0 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

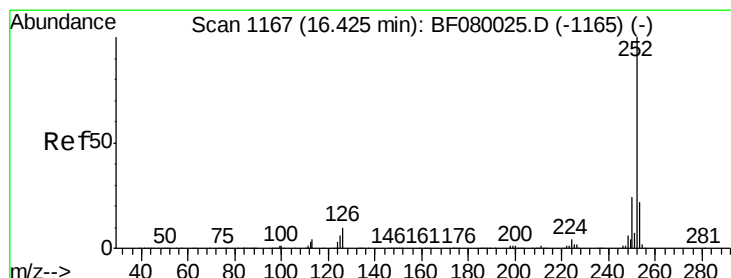
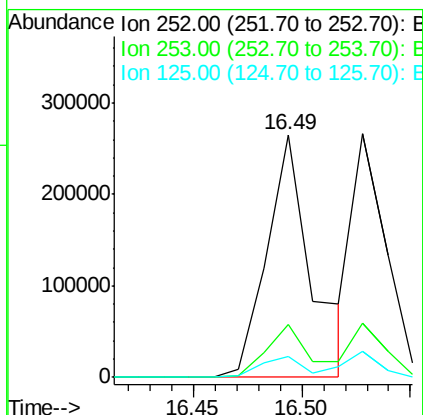
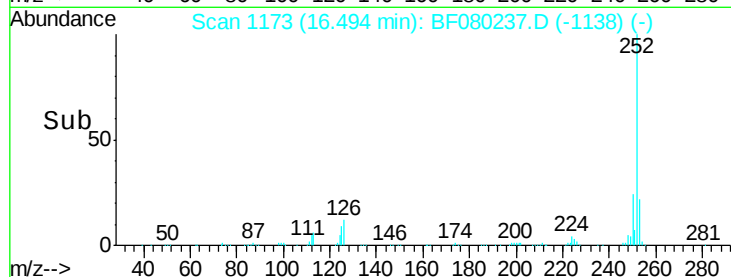
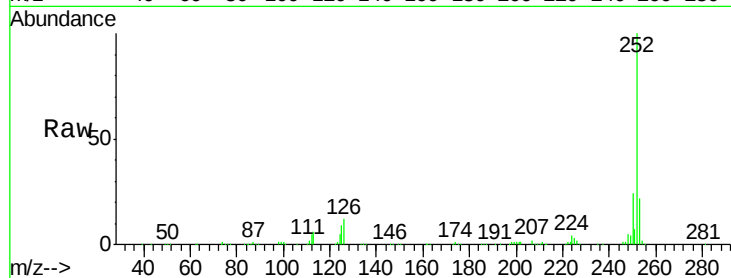




#87
Benzo(b)fluoranthene
Concen: 64.82 ng
RT: 16.49 min Scan# 1173
Delta R.T. 0.10 min
Lab File: BF080237.D
Acq: 30 Jun 2015 15:39

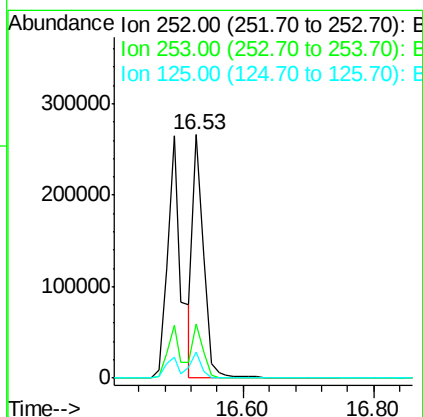
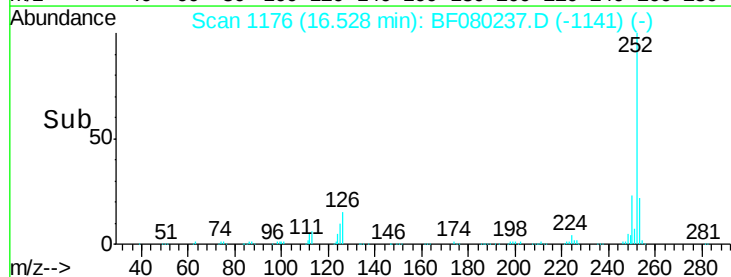
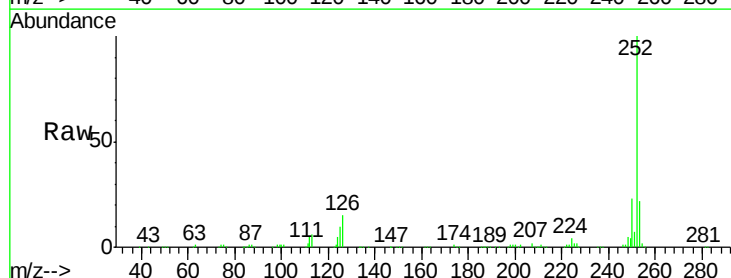
Instrument :
BNA_F
ClientSampleId :
PB84270BS

Tgt Ion: 252 Resp: 382082
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 8.8 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 49.65 ng
RT: 16.53 min Scan# 1176
Delta R.T. 0.10 min
Lab File: BF080237.D
Acq: 30 Jun 2015 15:39

Tgt Ion: 252 Resp: 298050
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.4
125 10.4 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 59.37 ng

RT: 16.95 min Scan# 1213

Delta R.T. 0.10 min

Lab File: BF080237.D

Acq: 30 Jun 2015 15:39

Instrument :

BNA_F

ClientSampleId :

PB84270BS

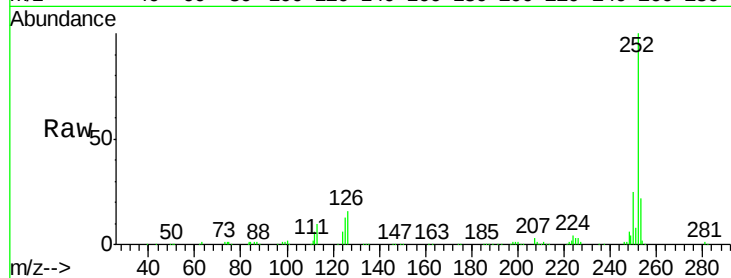
Tgt Ion:252 Resp: 332374

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

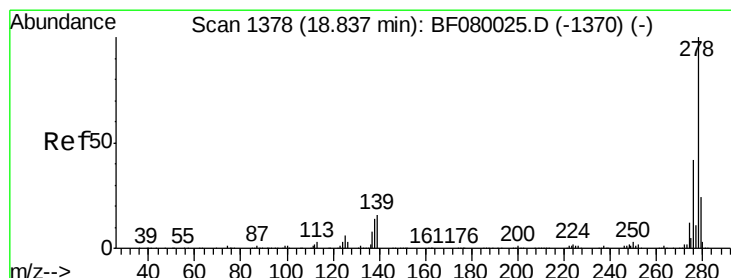
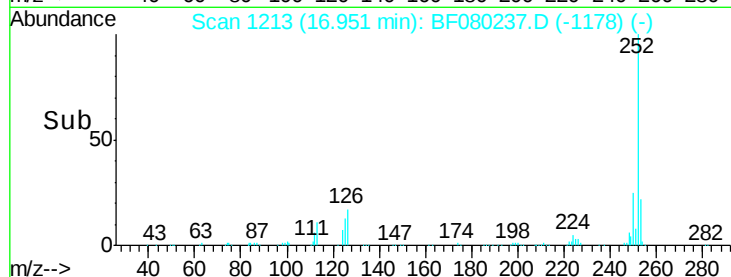
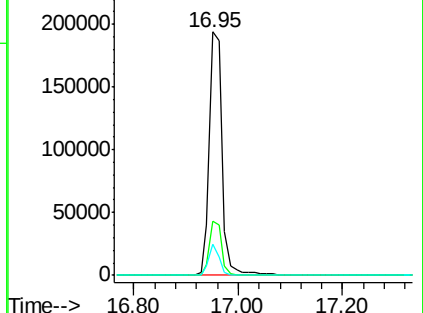
125 12.8 18.0 27.0#



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: 56.70 ng

RT: 18.92 min Scan# 1385

Delta R.T. 0.10 min

Lab File: BF080237.D

Acq: 30 Jun 2015 15:39

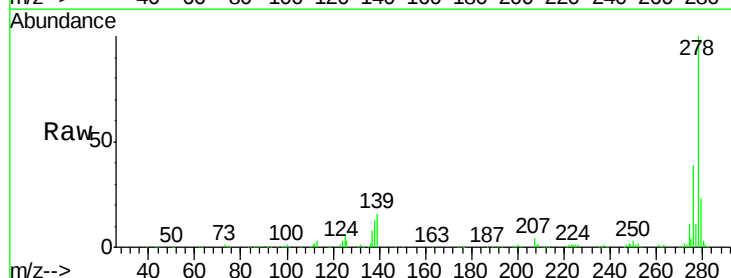
Tgt Ion:278 Resp: 324848

Ion Ratio Lower Upper

278 100

139 15.8 26.3 39.5#

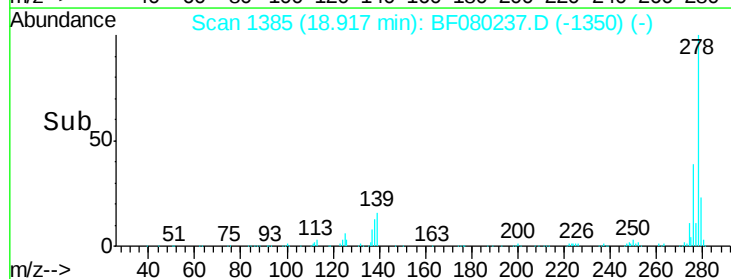
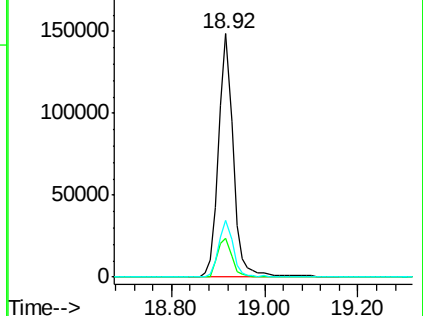
279 23.4 18.2 27.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 56.54 ng

RT: 19.44 min Scan# 1431

Delta R.T. 0.09 min

Lab File: BF080237.D

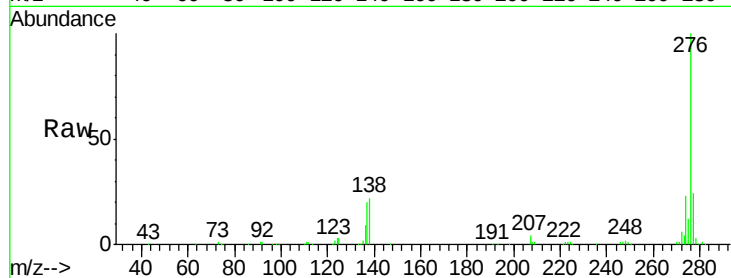
Acq: 30 Jun 2015 15:39

Instrument :

BNA_F

ClientSampleId :

PB84270BS



Tgt Ion:	276	Resp:	327072
Ion Ratio	Lower	Upper	
276	100		
277	23.7	17.8	26.6
138	22.5	34.6	51.8#

