

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
 Data File : BF080235.D
 Acq On : 30 Jun 2015 14:41
 Operator : TP/IZ
 Sample : PB84280BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84280BS

Quant Time: Jul 01 01:15:19 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	32484	20.00	ng	-0.05
21) Naphthalene-d8	8.57	136	129080	20.00	ng	-0.05
38) Acenaphthene-d10	10.34	164	66381	20.00	ng	-0.05
63) Phenanthrene-d10	11.86	188	134355	20.00	ng	-0.05
75) Chrysene-d12	14.94	240	141446	20.00	ng	-0.06
86) Perylene-d12	16.88	264	136660	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.90	112	263060	143.35	ng	-0.03
7) Phenol-d6	6.89	99	356486	145.98	ng	-0.03
23) Nitrobenzene-d5	7.84	82	207666	93.66	ng	-0.03
41) 2,4,6-Tribromophenol	11.14	330	91222	140.54	ng	-0.03
44) 2-Fluorobiphenyl	9.65	172	389390	83.65	ng	-0.05
78) Terphenyl-d14	13.60	244	496118	81.92	ng	-0.07

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	26300	30.15	ng	88
3) Pyridine	3.97	79	85120	36.69	ng	# 83
4) n-Nitrosodimethylamine	3.86	42	46859	42.51	ng	88
6) Aniline	6.94	93	104427	31.08	ng	92
8) 2-Chlorophenol	7.06	128	92194	43.47	ng	84
9) Benzaldehyde	6.84	77	41935	29.75	ng	92
10) Phenol	6.90	94	137957	51.77	ng	79
11) bis(2-Chloroethyl)ether	7.01	93	91894	43.46	ng	88
12) 1,3-Dichlorobenzene	7.46	146	97552	38.29	ng	99
13) 1,4-Dichlorobenzene	7.46	146	97564	40.26	ng	97
14) 1,2-Dichlorobenzene	7.46	146	97564	41.38	ng	97
15) Benzyl Alcohol	7.41	79	78647	39.39	ng	# 72
16) 2,2'-oxybis(1-Chloropropan	7.56	45	153112	48.79	ng	85
17) 2-Methylphenol	7.52	107	77770	42.93	ng	# 89
18) Hexachloroethane	7.81	117	36165	44.82	ng	# 80
19) n-Nitroso-di-n-propylamine	7.68	70	71672	42.27	ng	# 76
20) 3+4-Methylphenols	7.67	107	104396	44.65	ng	90
22) Acetophenone	7.68	105	127756	42.47	ng	# 80
24) Nitrobenzene	7.86	77	99773	43.60	ng	# 76
25) Isophorone	8.09	82	173447	38.87	ng	# 83
26) 2-Nitrophenol	8.18	139	49029	51.18	ng	# 73
27) 2,4-Dimethylphenol	8.21	122	94545	47.33	ng	# 81
28) bis(2-Chloroethoxy)methane	8.30	93	102694	39.17	ng	# 90
29) 2,4-Dichlorophenol	8.42	162	86843	50.77	ng	100
30) 1,2,4-Trichlorobenzene	8.52	180	93603	48.18	ng	99
31) Naphthalene	8.60	128	271726	40.26	ng	98
32) Benzoic acid	8.28	122	36411	30.15	ng	# 67
33) 4-Chloroaniline	8.64	127	58461	20.24	ng	98
34) Hexachlorobutadiene	8.72	225	48842	40.83	ng	99
35) Caprolactam	8.97	113	22705	40.89	ng	# 75
36) 4-Chloro-3-methylphenol	9.11	107	84938	44.02	ng	90
37) 2-Methylnaphthalene	9.29	142	202207	46.32	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	9.46	216	93256	48.28	ng	97
40) Hexachlorocyclopentadiene	9.45	237	84949	85.03	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.57	196	62303	47.40	ng	99
43) 2,4,5-Trichlorophenol	9.60	196	59040	38.99	ng #	85
45) 1,1'-Biphenyl	9.76	154	222891	41.27	ng	95
46) 2-Chloronaphthalene	9.78	162	181410	41.40	ng	94
47) 2-Nitroaniline	9.88	65	47857	39.78	ng	93
48) Acenaphthylene	10.21	152	303424	41.48	ng	98
49) Dimethylphthalate	10.05	163	213966	42.87	ng #	97
50) 2,6-Dinitrotoluene	10.12	165	42635	42.61	ng #	88
51) Acenaphthene	10.38	154	195342	43.66	ng	90
52) 3-Nitroaniline	10.28	138	34128	29.56	ng #	45
53) 2,4-Dinitrophenol	10.39	184	44236	106.54	ng #	14
54) Dibenzofuran	10.55	168	259159	40.82	ng #	87
55) 4-Nitrophenol	10.44	139	73199	79.33	ng #	84
56) 2,4-Dinitrotoluene	10.52	165	61049	48.09	ng #	76
57) Fluorene	10.90	166	214238	42.52	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.68	232	50563	39.55	ng	95
59) Diethylphthalate	10.76	149	205734	40.94	ng	95
60) 4-Chlorophenyl-phenylether	10.88	204	97029	40.08	ng #	82
61) 4-Nitroaniline	10.89	138	45278	37.98	ng #	41
62) Azobenzene	11.04	77	200365	39.17	ng	85
64) 4,6-Dinitro-2-methylphenol	10.94	198	26215	41.05	ng #	57
65) n-Nitrosodiphenylamine	11.00	169	176140	40.26	ng	91
66) 4-Bromophenyl-phenylether	11.38	248	65069	45.55	ng	92
67) Hexachlorobenzene	11.46	284	70509	44.41	ng #	84
68) Atrazine	11.52	200	57743	41.78	ng	83
69) Pentachlorophenol	11.66	266	68271	75.88	ng	98
70) Phenanthrene	11.89	178	335698	41.27	ng	97
71) Anthracene	11.94	178	336121	42.92	ng	99
72) Carbazole	12.09	167	296921	39.71	ng	96
73) Di-n-butylphthalate	12.44	149	347380	40.21	ng #	98
74) Fluoranthene	13.18	202	347606	40.13	ng	93
76) Benzidine	13.30	184	201311	50.92	ng	98
77) Pyrene	13.45	202	365904	42.02	ng	96
79) Butylbenzylphthalate	14.19	149	144422	41.30	ng #	96
80) Benzo(a)anthracene	14.93	228	348309	40.42	ng	97
81) 3,3'-Dichlorobenzidine	14.87	252	64649	21.75	ng #	95
82) Chrysene	14.97	228	324919	40.89	ng	95
83) Bis(2-ethylhexyl)phthalate	14.92	149	217641	39.38	ng #	94
84) Di-n-octyl phthalate	15.77	149	377659	39.87	ng	97
85) Indeno(1,2,3-cd)pyrene	18.72	276	380793	38.00	ng #	89
87) Benzo(b)fluoranthene	16.35	252	330298	39.92	ng #	86
88) Benzo(k)fluoranthene	16.38	252	344771	40.92	ng #	88
89) Benzo(a)pyrene	16.80	252	331092	42.14	ng #	86
90) Dibenzo(a,h)anthracene	18.75	278	319103	39.68	ng #	82
91) Benzo(g,h,i)perylene	19.27	276	321435	39.58	ng #	77

(#) = 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

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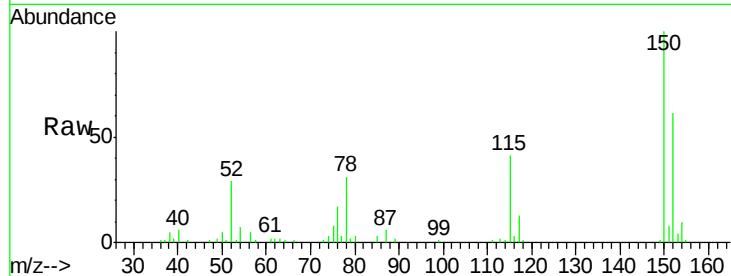
Tgt Ion:152 Resp: 32484

Ion Ratio Lower Upper

152 100

150 162.9 124.7 187.1

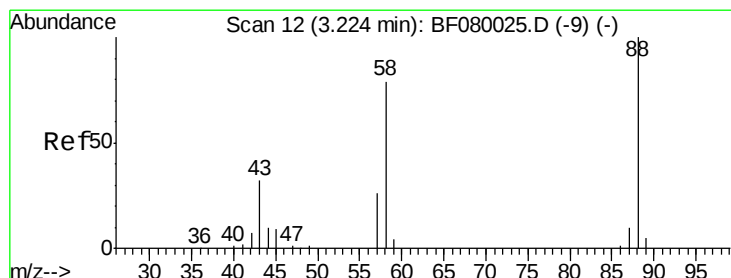
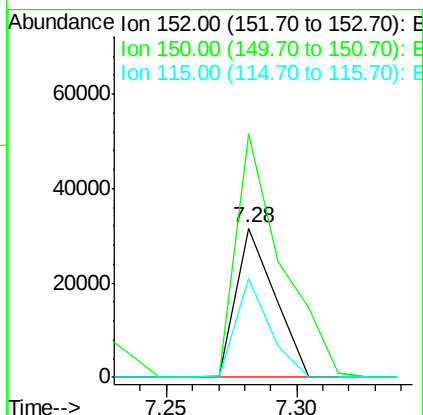
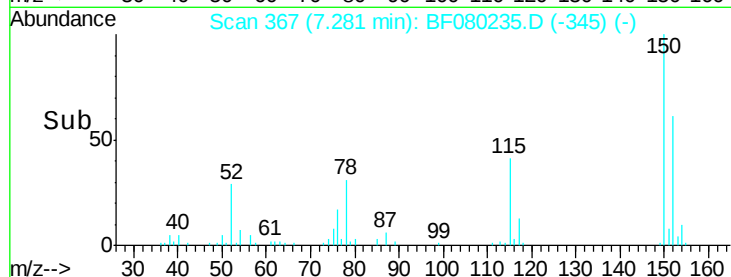
115 66.1 39.0 58.4#



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: 30.15 ng

RT: 3.13 min Scan# 4

Delta R.T. -0.06 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

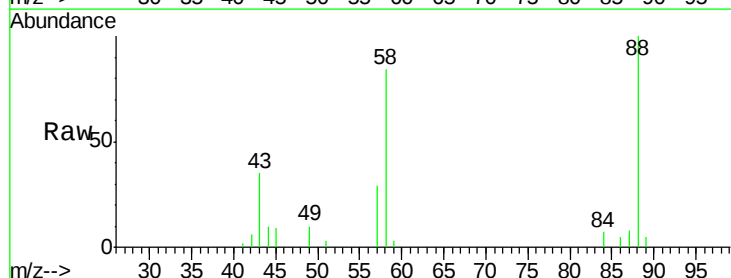
Tgt Ion: 88 Resp: 26300

Ion Ratio Lower Upper

88 100

58 85.2 77.7 116.5

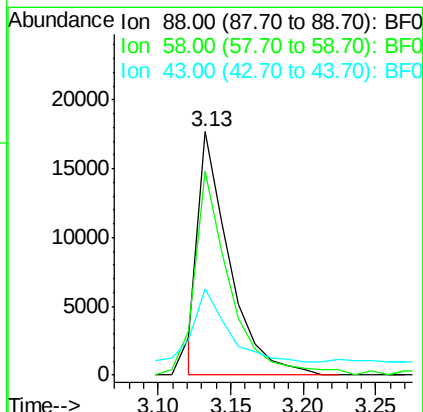
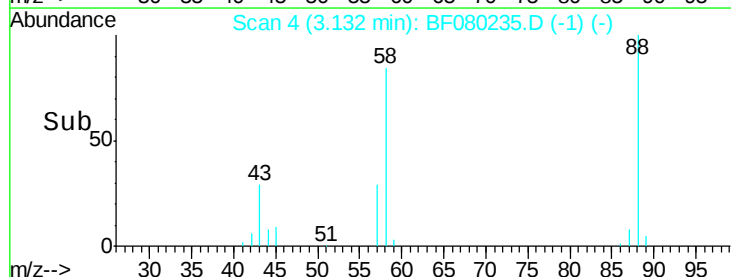
43 27.5 26.6 40.0

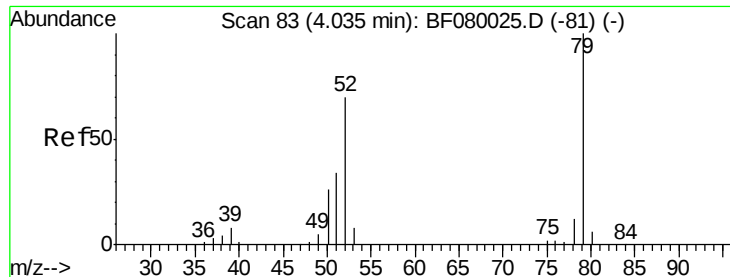


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 36.69 ng

RT: 3.97 min Scan# 77

Delta R.T. -0.03 min

Lab File: BF080235.D

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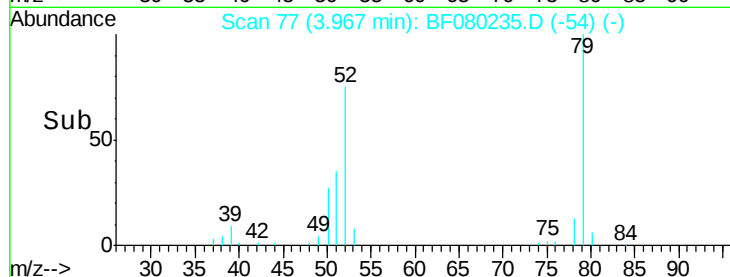
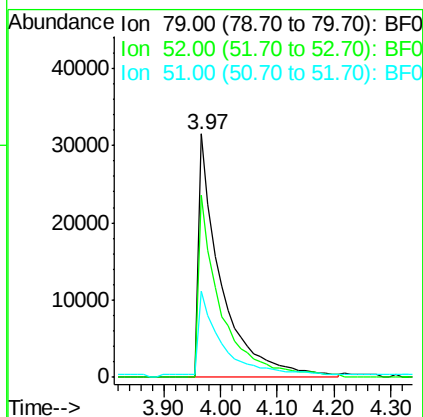
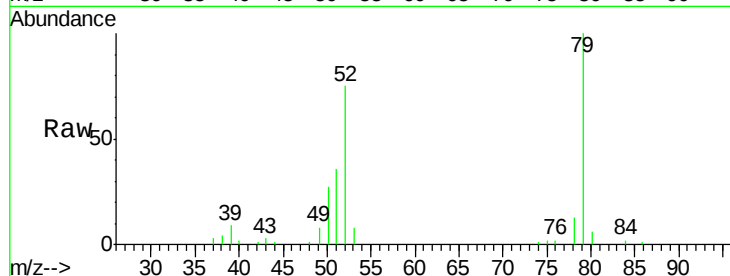
Tgt Ion: 79 Resp: 85120

Ion Ratio Lower Upper

79 100

52 75.1 76.8 115.2#

51 35.6 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 42.51 ng

RT: 3.86 min Scan# 68

Delta R.T. -0.06 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

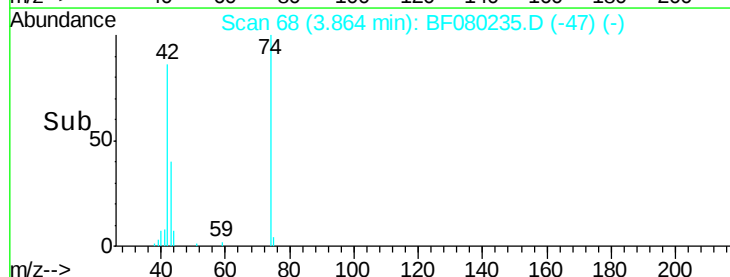
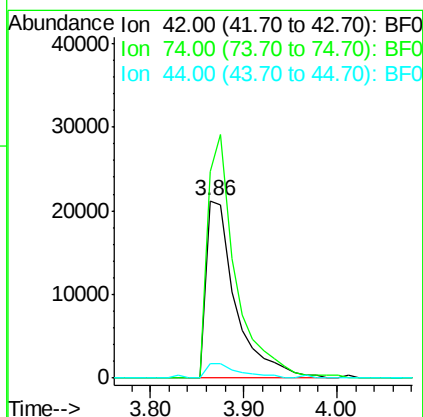
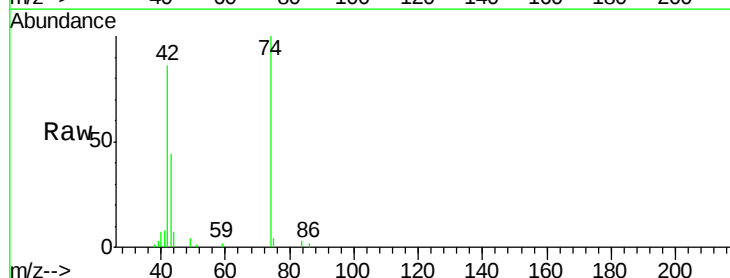
Tgt Ion: 42 Resp: 46859

Ion Ratio Lower Upper

42 100

74 116.5 105.0 157.6

44 8.3 6.6 10.0





#5

2-Fluorophenol

Concen: 143.35 ng

RT: 5.90 min Scan# 246

Delta R.T. -0.03 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Instrument :

BNA_F

ClientSampleId :

PB84280BS

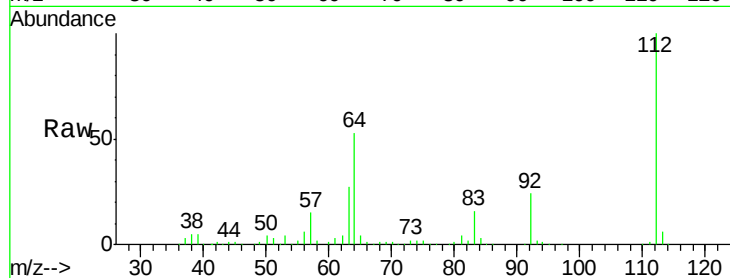
Tgt Ion: 112 Resp: 263060

Ion Ratio Lower Upper

112 100

64 53.0 39.7 59.5

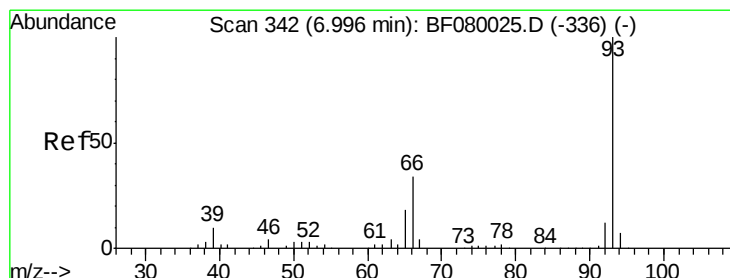
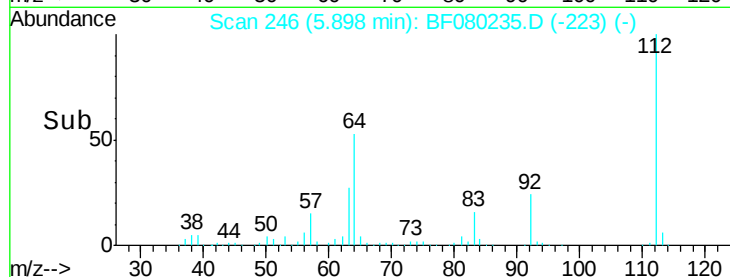
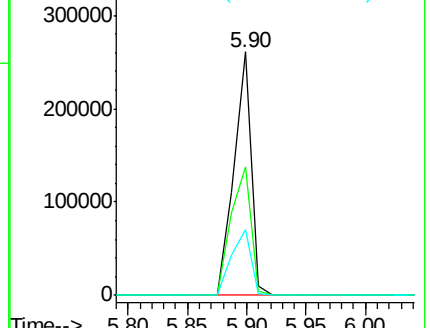
63 26.9 17.4 26.0#



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: 31.08 ng

RT: 6.94 min Scan# 337

Delta R.T. -0.03 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

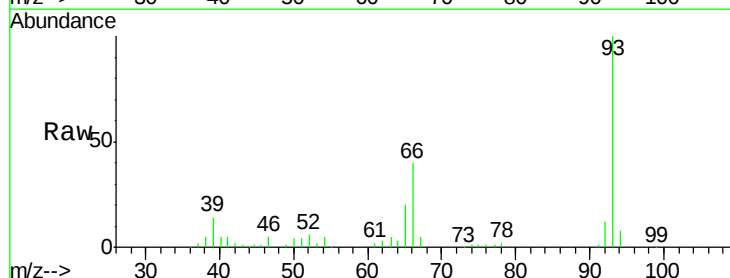
Tgt Ion: 93 Resp: 104427

Ion Ratio Lower Upper

93 100

66 39.9 27.2 40.8

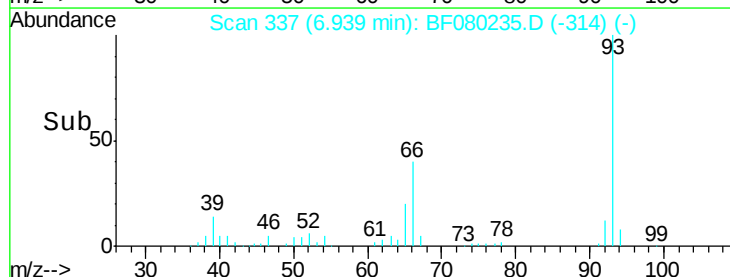
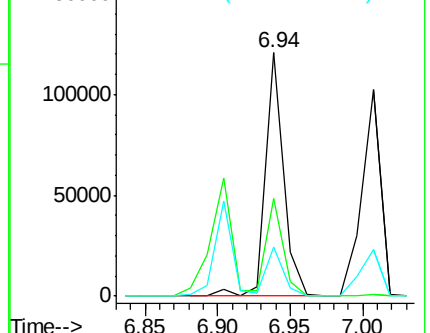
65 20.1 14.7 22.1



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: 145.98 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.03 min

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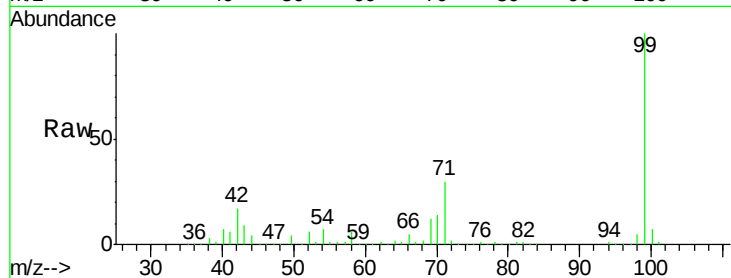
Tgt Ion: 99 Resp: 356486

Ion Ratio Lower Upper

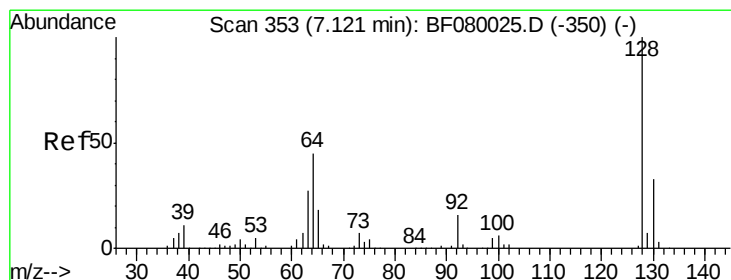
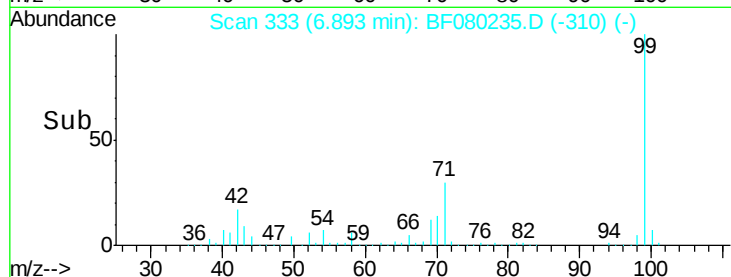
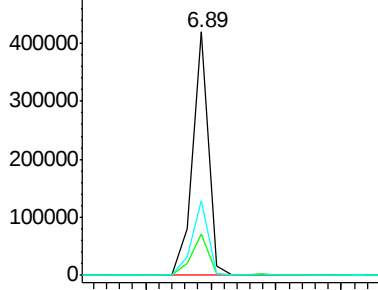
99 100

42 16.9 13.7 20.5

71 30.4 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: 43.47 ng

RT: 7.06 min Scan# 348

Delta R.T. -0.05 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

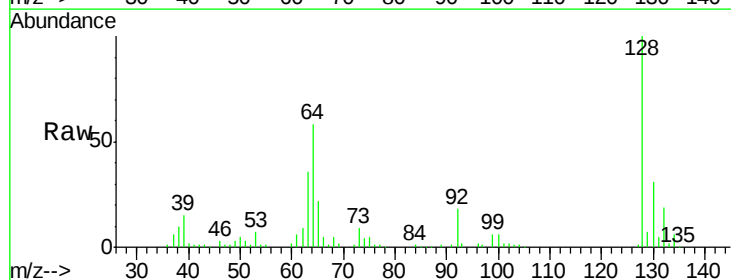
Tgt Ion: 128 Resp: 92194

Ion Ratio Lower Upper

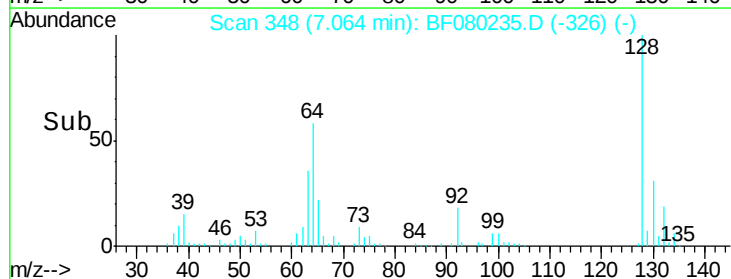
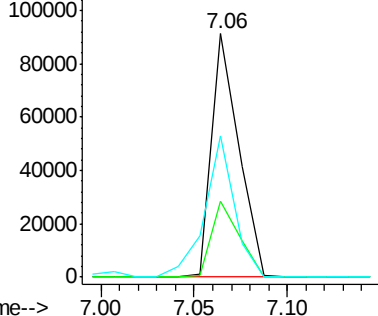
128 100

130 31.2 12.2 52.2

64 57.8 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: 29.75 ng

RT: 6.84 min Scan# 328

Delta R.T. -0.03 min

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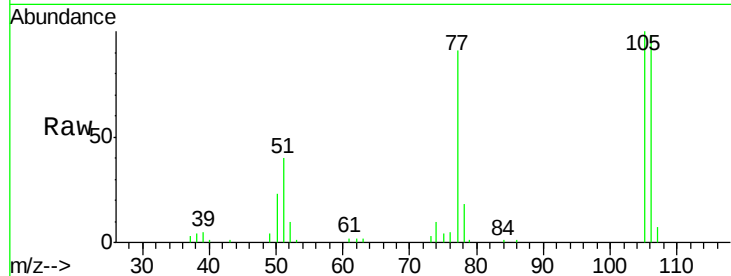
Tgt Ion: 77 Resp: 41935

Ion Ratio Lower Upper

77 100

105 109.4 91.6 131.6

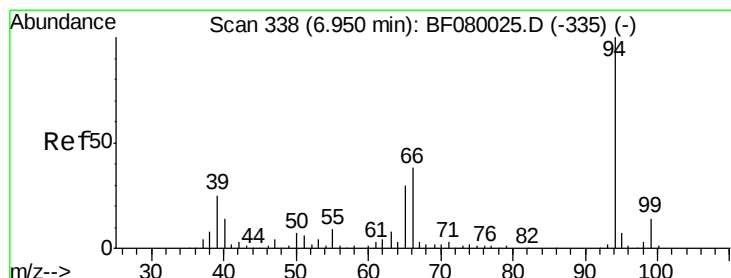
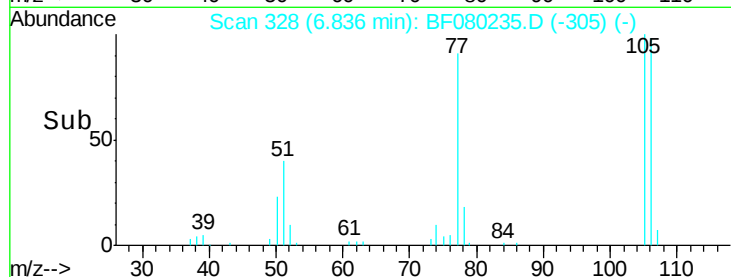
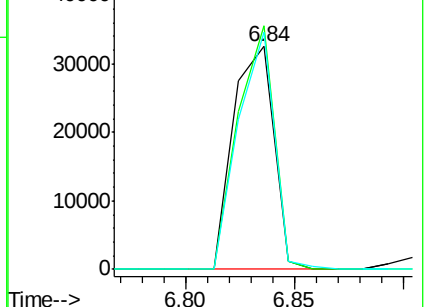
106 106.8 102.6 142.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 51.77 ng

RT: 6.90 min Scan# 334

Delta R.T. -0.03 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

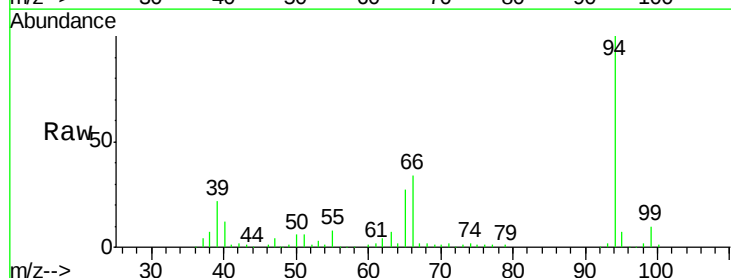
Tgt Ion: 94 Resp: 137957

Ion Ratio Lower Upper

94 100

65 27.5 0.7 40.7

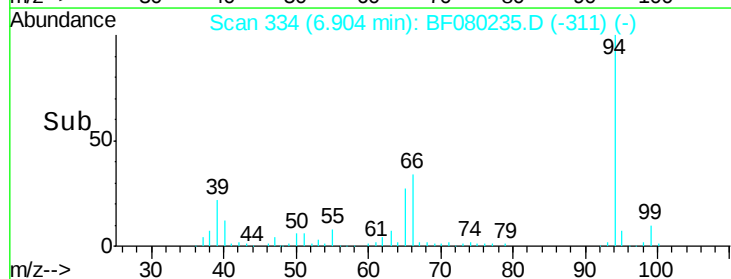
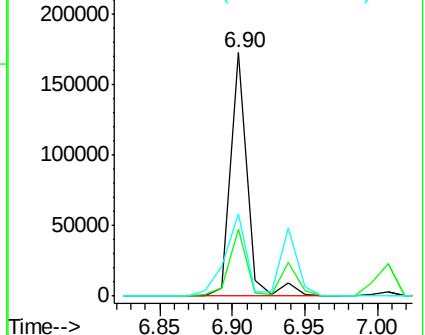
66 33.9 0.8 40.8



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

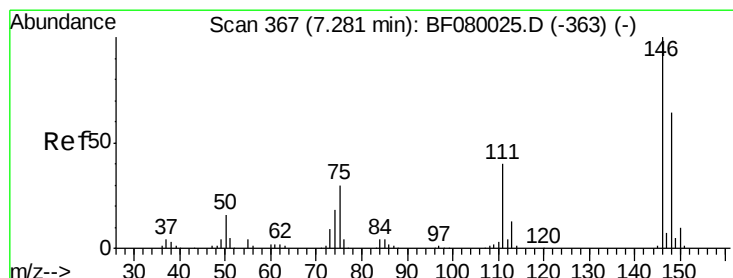
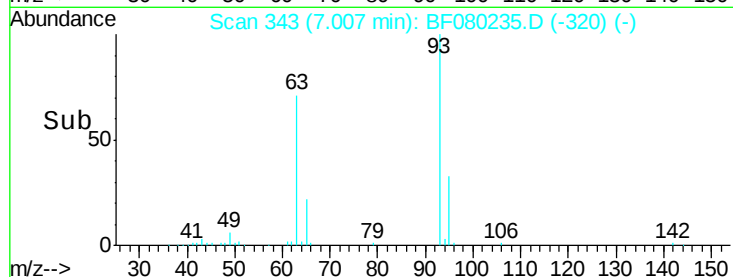
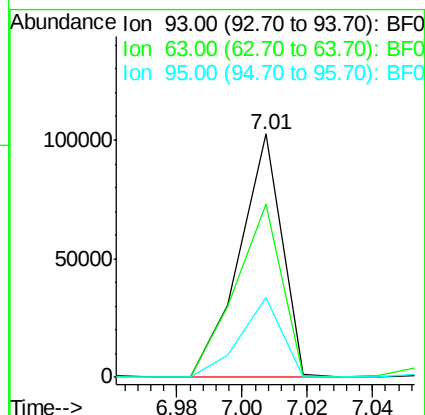
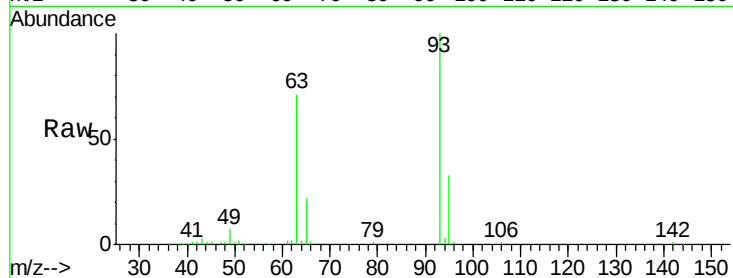




#11
bis(2-Chloroethyl)ether
Concen: 43.46 ng
RT: 7.01 min Scan# 343
Delta R.T. -0.03 min
Lab File: BF080235.D
Acq: 30 Jun 2015 14:41

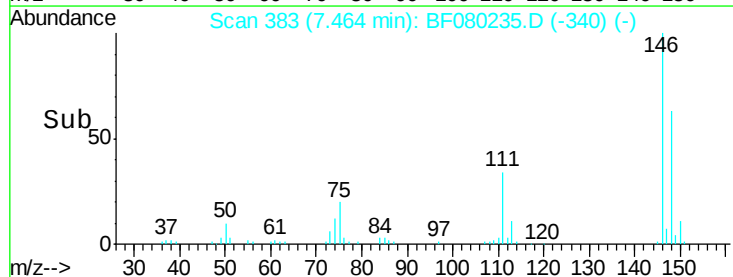
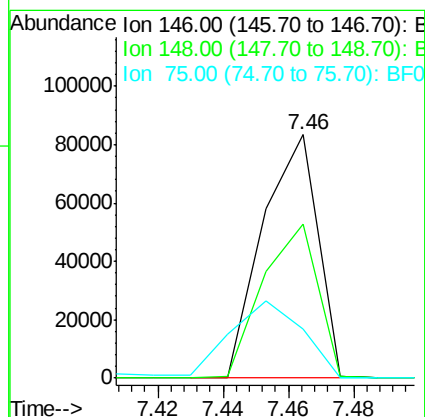
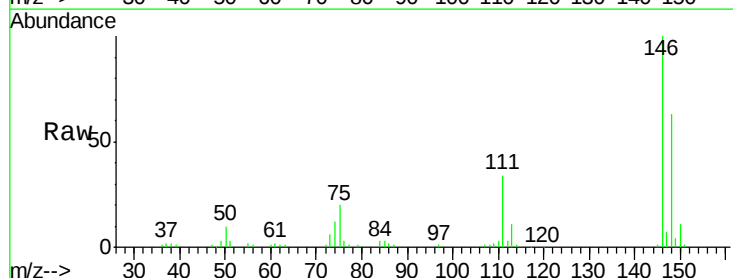
Instrument :
BNA_F
ClientSampleId :
PB84280BS

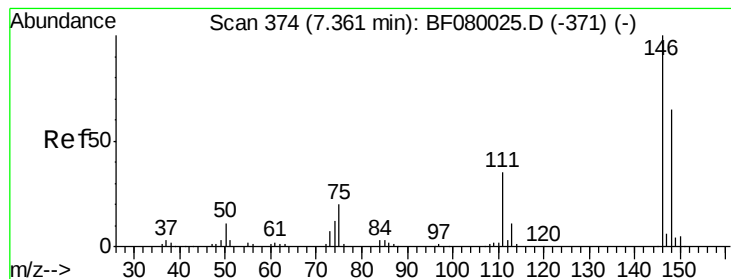
Tgt Ion: 93 Resp: 91894
Ion Ratio Lower Upper
93 100
63 71.1 65.6 105.6
95 32.6 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 38.29 ng
RT: 7.46 min Scan# 383
Delta R.T. 0.19 min
Lab File: BF080235.D
Acq: 30 Jun 2015 14:41

Tgt Ion: 146 Resp: 97552
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.4
75 20.2 15.0 22.6





#13

1,4-Dichlorobenzene

Concen: 40.26 ng

RT: 7.46 min Scan# 383

Delta R.T. 0.13 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Instrument :

BNA_F

ClientSampleId :

PB84280BS

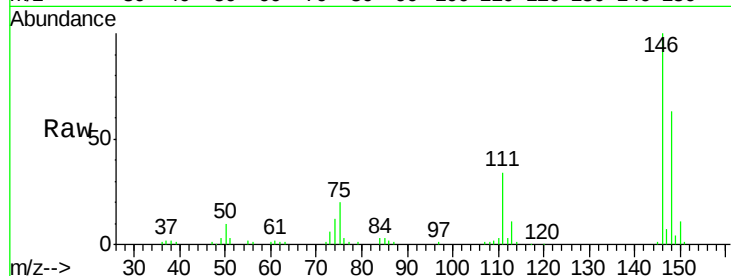
Tgt Ion:146 Resp: 97564

Ion Ratio Lower Upper

146 100

148 63.4 51.8 77.6

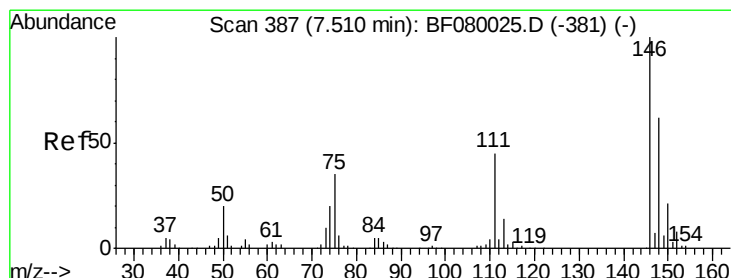
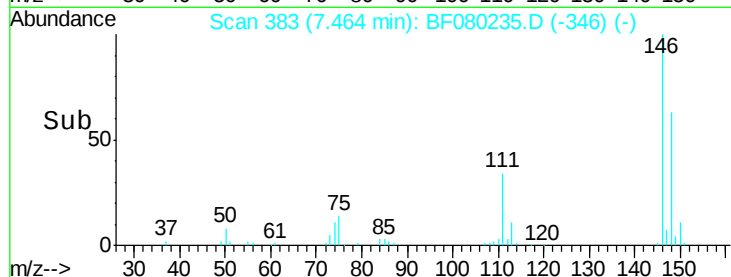
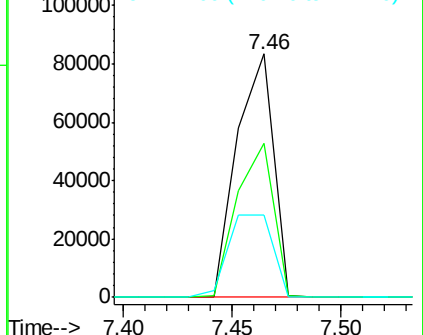
111 33.7 24.9 37.3



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: 41.38 ng

RT: 7.46 min Scan# 383

Delta R.T. -0.03 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

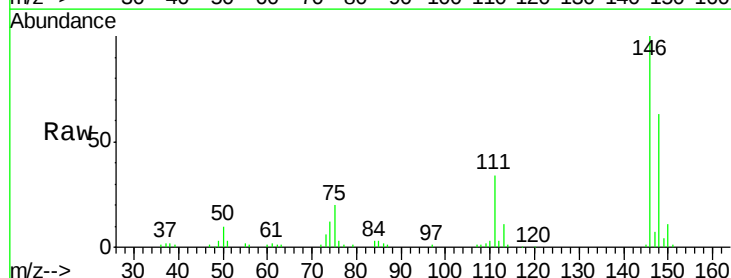
Tgt Ion:146 Resp: 97564

Ion Ratio Lower Upper

146 100

148 63.4 52.7 79.1

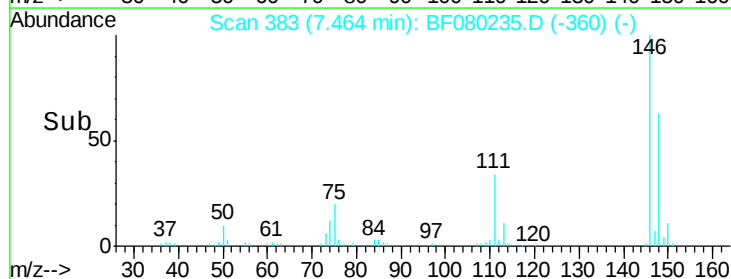
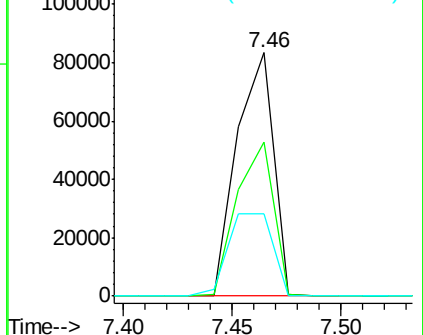
111 33.7 28.8 43.2



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: 39.39 ng

RT: 7.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Instrument :

BNA_F

ClientSampleId :

PB84280BS

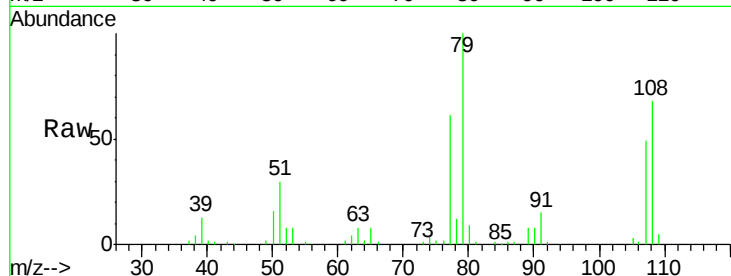
Tgt Ion: 79 Resp: 78647

Ion Ratio Lower Upper

79 100

108 67.7 88.6 132.8#

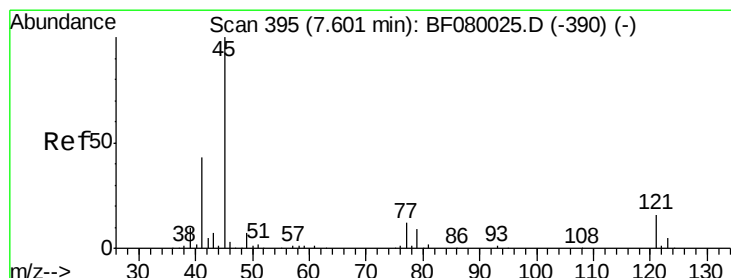
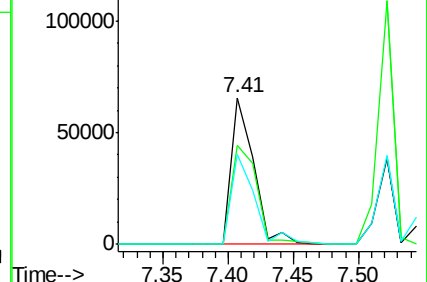
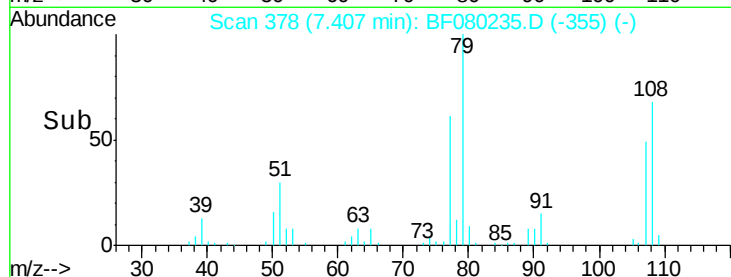
77 61.5 47.0 70.4



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: 48.79 ng

RT: 7.56 min Scan# 391

Delta R.T. -0.03 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

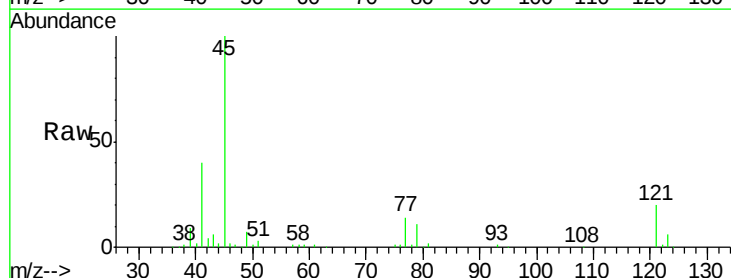
Tgt Ion: 45 Resp: 153112

Ion Ratio Lower Upper

45 100

77 14.0 0.0 28.1

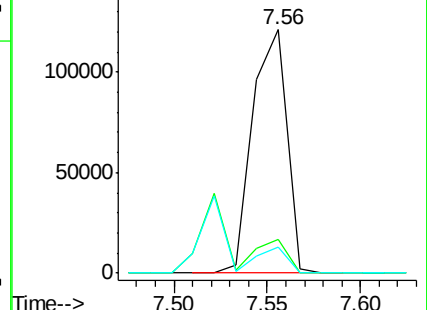
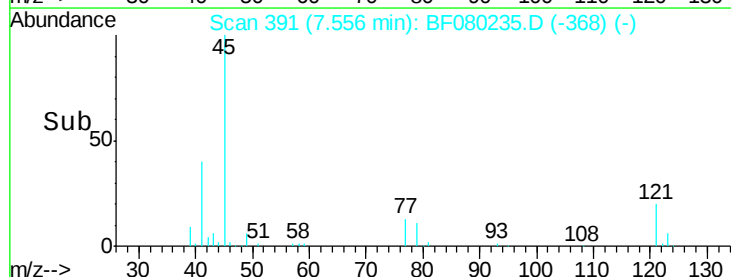
79 10.6 0.0 26.0

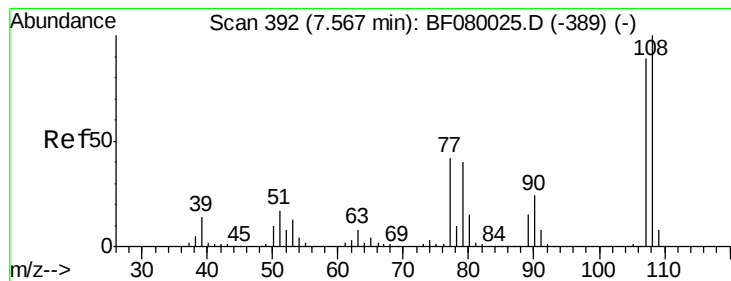


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 42.93 ng

RT: 7.52 min Scan# 388

Delta R.T. -0.03 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Instrument :

BNA_F

ClientSampleId :

PB84280BS

Tgt Ion:107 Resp: 77770

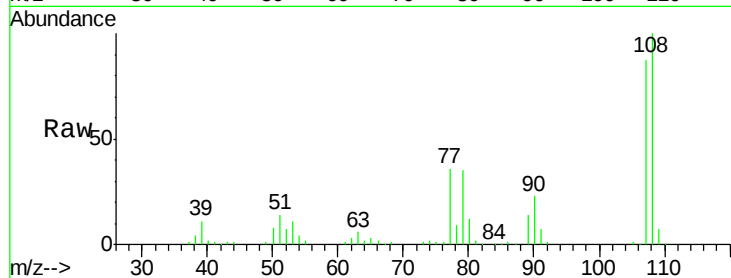
Ion Ratio Lower Upper

107 100

108 114.8 96.6 145.0

77 41.8 23.3 34.9#

79 40.4 22.0 33.0#



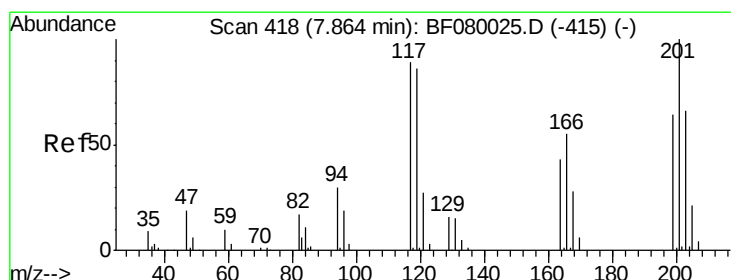
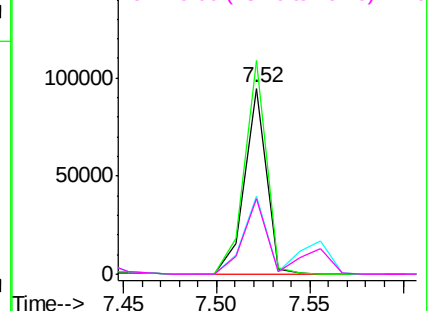
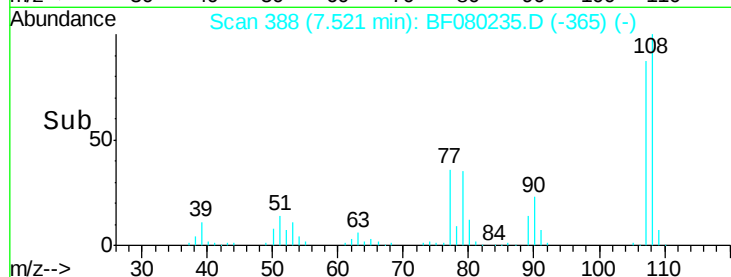
Abundance

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: 44.82 ng

RT: 7.81 min Scan# 413

Delta R.T. -0.03 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

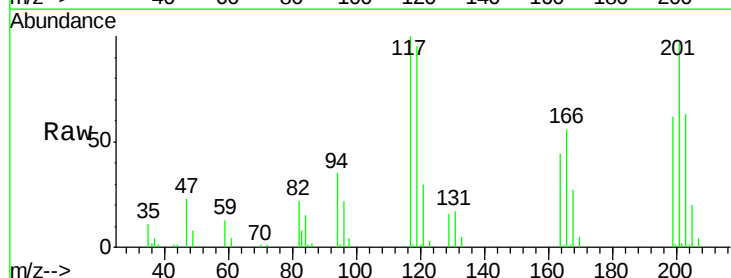
Tgt Ion:117 Resp: 36165

Ion Ratio Lower Upper

117 100

119 94.7 83.8 125.6

201 96.9 55.1 82.7#

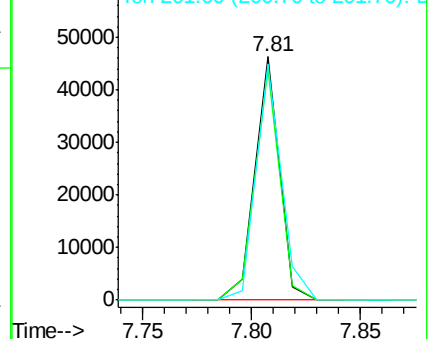
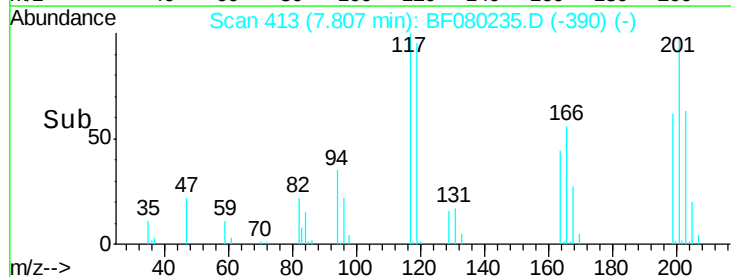


Abundance

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

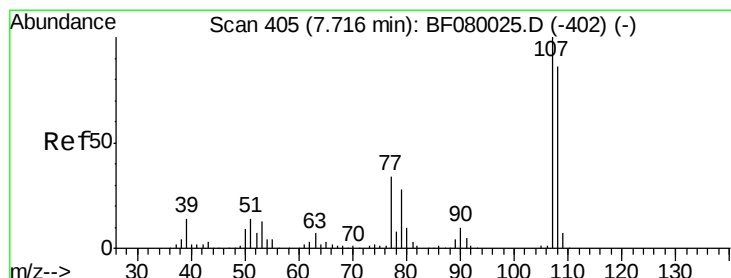
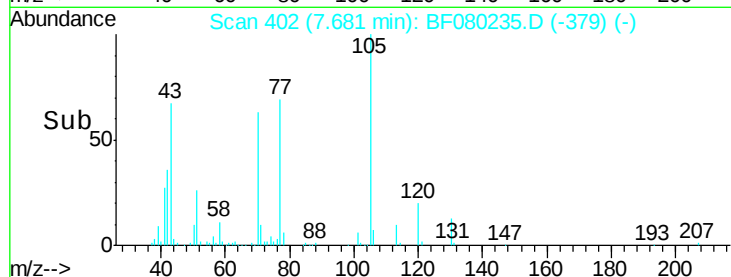
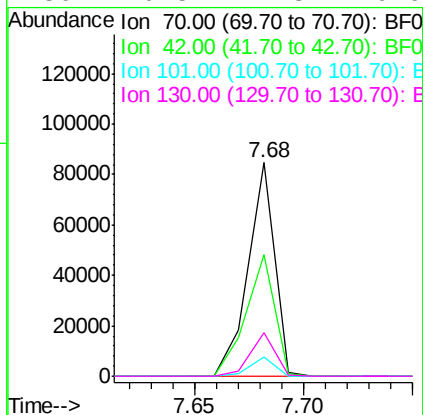
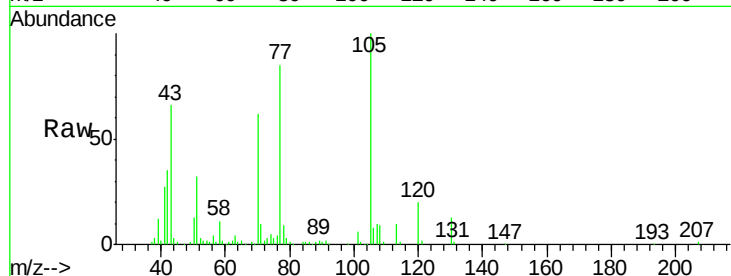




#19
n-Nitroso-di-n-propylamine
Concen: 42.27 ng
RT: 7.68 min Scan# 402
Delta R.T. -0.03 min
Lab File: BF080235.D
Acq: 30 Jun 2015 14:41

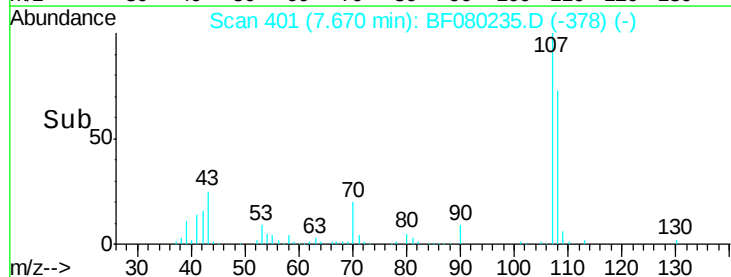
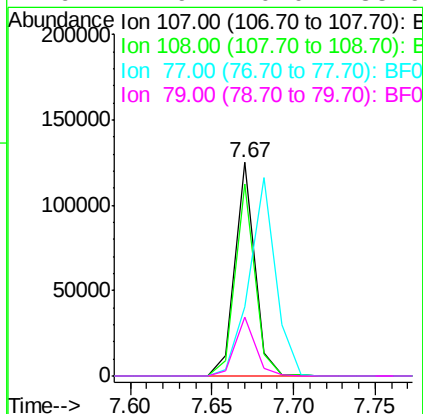
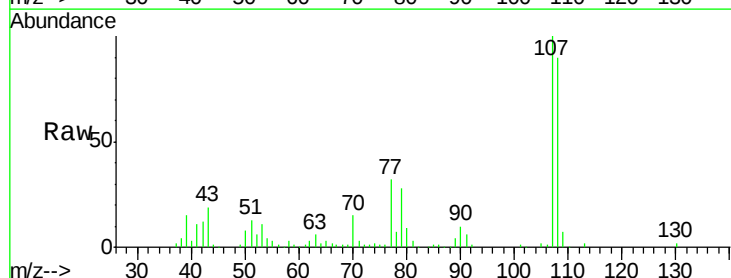
Instrument :
BNA_F
ClientSampleId :
PB84280BS

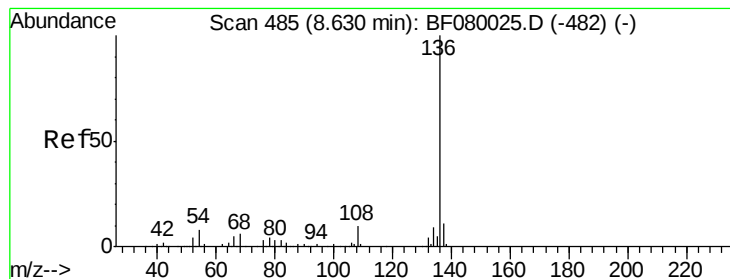
Tgt Ion: 70 Resp: 71672
Ion Ratio Lower Upper
70 100
42 56.7 63.8 95.6#
101 9.3 9.2 13.8
130 20.5 27.3 40.9#



#20
3+4-Methylphenols
Concen: 44.65 ng
RT: 7.67 min Scan# 401
Delta R.T. -0.03 min
Lab File: BF080235.D
Acq: 30 Jun 2015 14:41

Tgt Ion: 107 Resp: 104396
Ion Ratio Lower Upper
107 100
108 89.8 74.6 114.6
77 32.4 0.7 40.7
79 27.9 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: BF080235.D

Acq: 30 Jun 2015 14:41

Instrument :

BNA_F

ClientSampleId :

PB84280BS

Tgt Ion:136 Resp: 129080

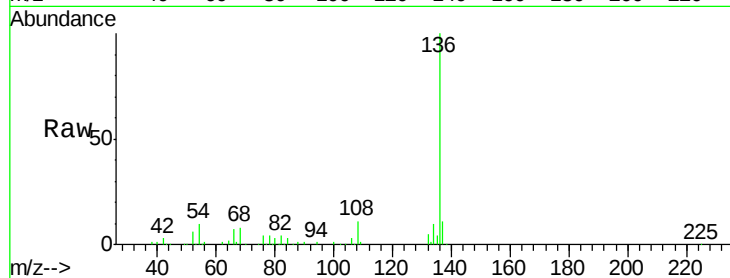
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 10.5 8.2 12.2

68 7.6 5.8 8.6

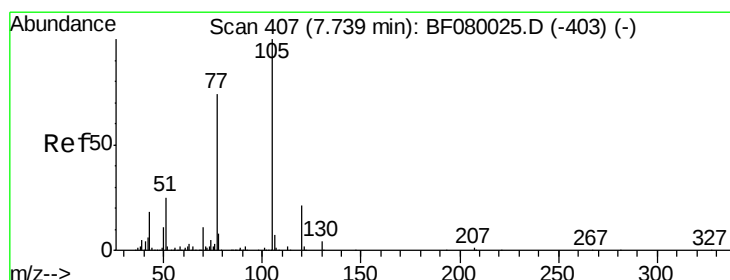
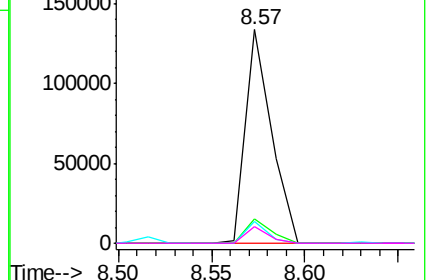
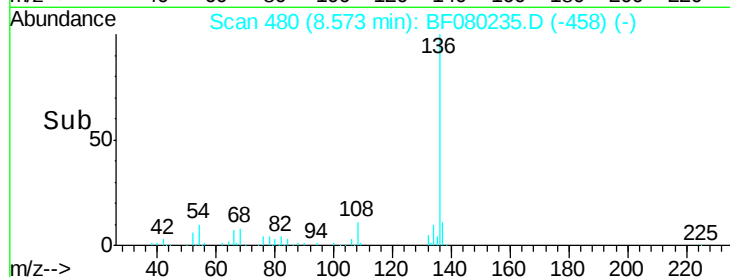


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.47 ng

RT: 7.68 min Scan# 402

Delta R.T. -0.05 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Tgt Ion:105 Resp: 127756

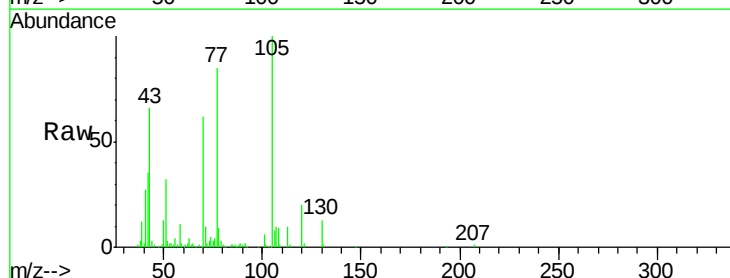
Ion Ratio Lower Upper

105 100

71 9.7 4.7 7.1#

51 32.2 22.0 33.0

120 20.0 30.1 45.1#

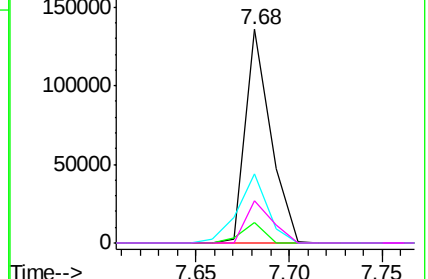
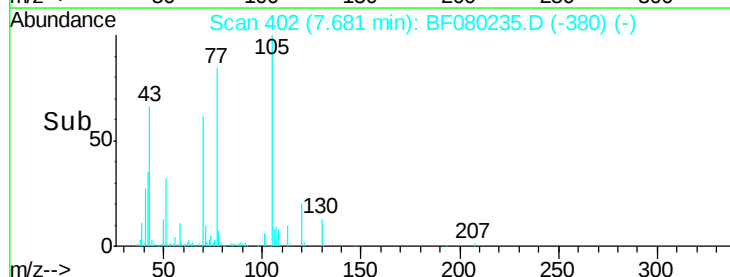


Abundance Ion 105.00 (104.70 to 105.70): E

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

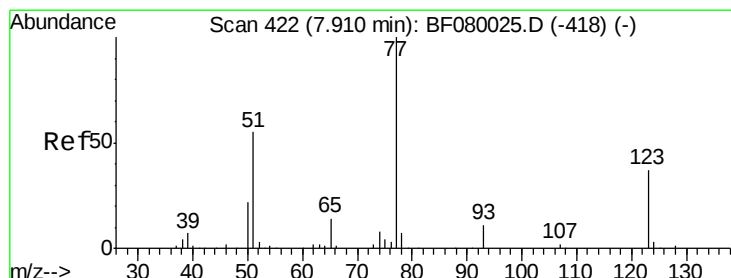
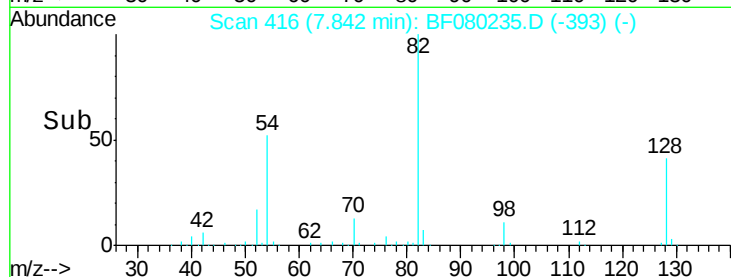
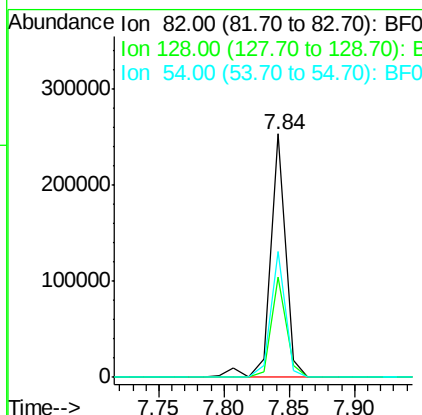
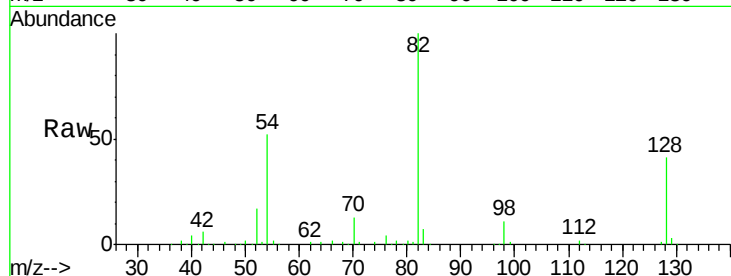




#23
 Nitrobenzene-d5
 Concen: 93.66 ng
 RT: 7.84 min Scan# 416
 Delta R.T. -0.03 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

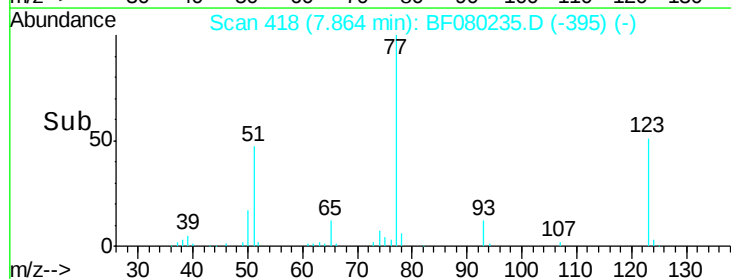
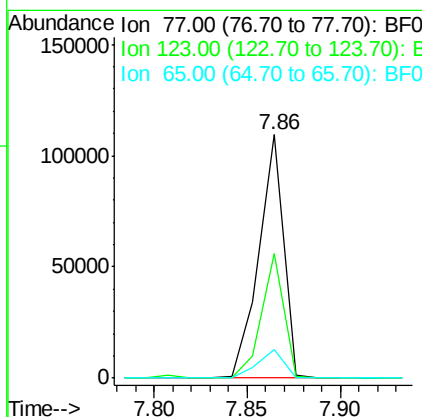
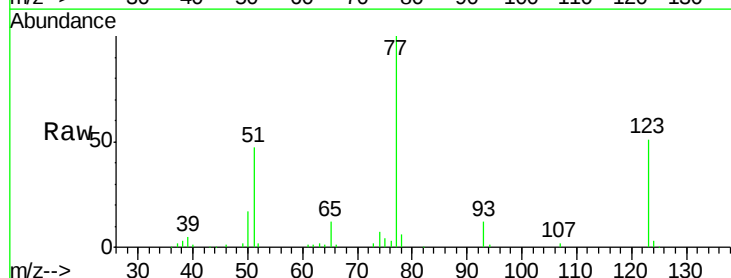
Instrument :
 BNA_F
 ClientSampleId :
 PB84280BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.4	51.0	76.6#
54	51.7	47.5	71.3



#24
 Nitrobenzene
 Concen: 43.60 ng
 RT: 7.86 min Scan# 418
 Delta R.T. -0.03 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.0	59.8	89.8#
65	11.9	10.2	15.4





#25

Isophorone

Concen: 38.87 ng

RT: 8.09 min Scan# 438

Delta R.T. -0.05 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Instrument :

BNA_F

ClientSampleId :

PB84280BS

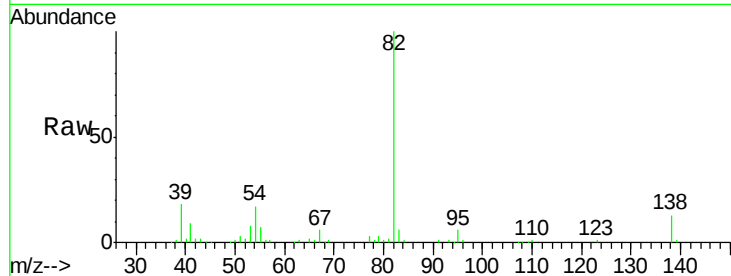
Tgt Ion: 82 Resp: 173447

Ion Ratio Lower Upper

82 100

95 6.3 4.0 6.0#

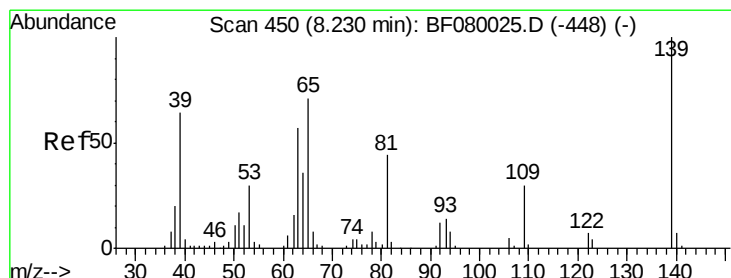
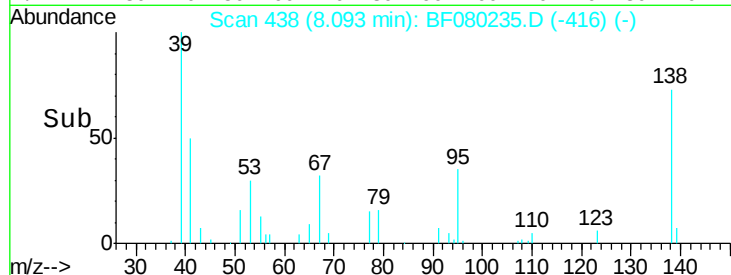
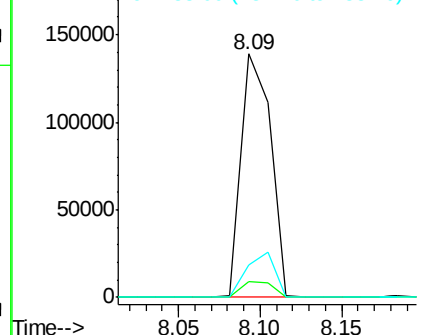
138 13.1 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 51.18 ng

RT: 8.18 min Scan# 446

Delta R.T. -0.03 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

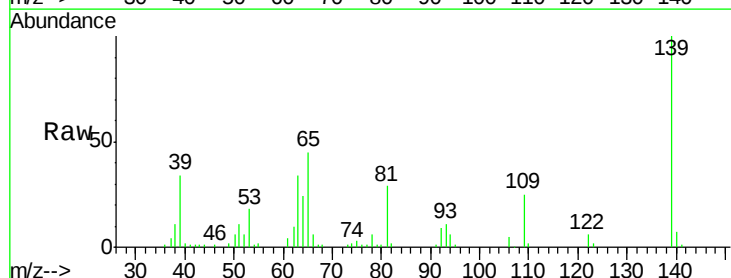
Tgt Ion: 139 Resp: 49029

Ion Ratio Lower Upper

139 100

109 25.0 11.0 16.4#

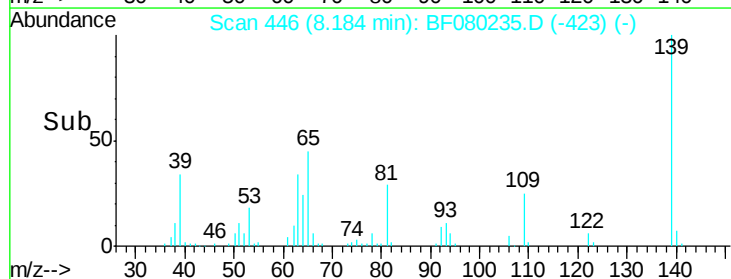
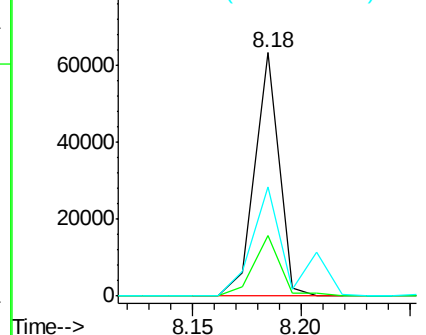
65 45.1 24.7 37.1#



Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 47.33 ng

RT: 8.21 min Scan# 448

Delta R.T. -0.03 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Instrument :

BNA_F

ClientSampleId :

PB84280BS

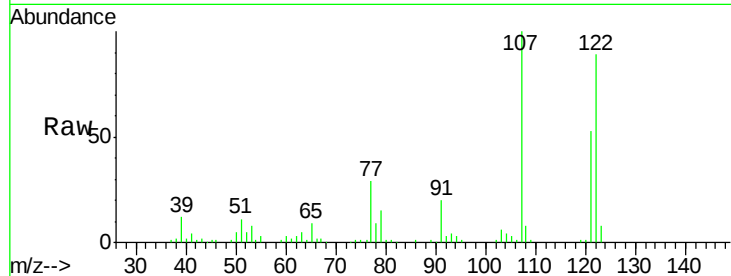
Tgt Ion:122 Resp: 94545

Ion Ratio Lower Upper

122 100

107 112.8 71.8 107.6#

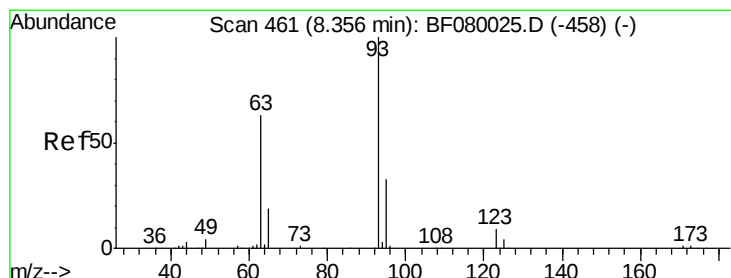
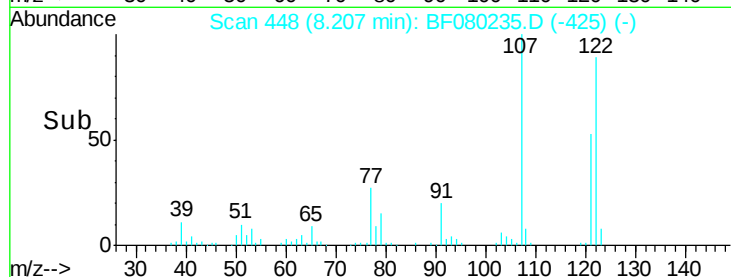
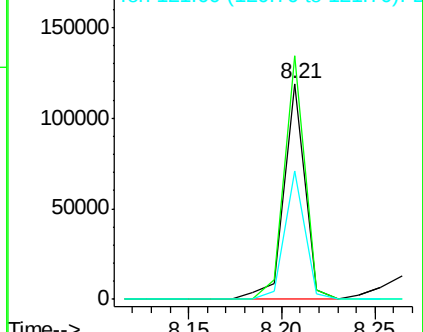
121 59.3 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.17 ng

RT: 8.30 min Scan# 456

Delta R.T. -0.03 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

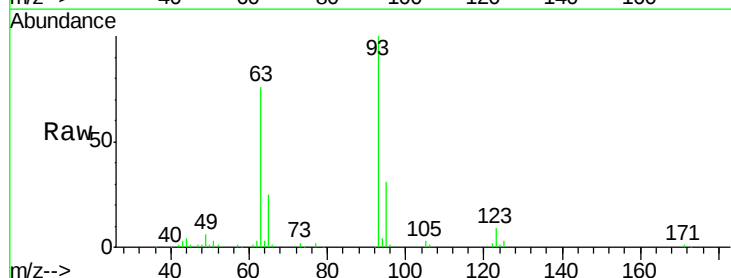
Tgt Ion: 93 Resp: 102694

Ion Ratio Lower Upper

93 100

95 31.4 27.5 41.3

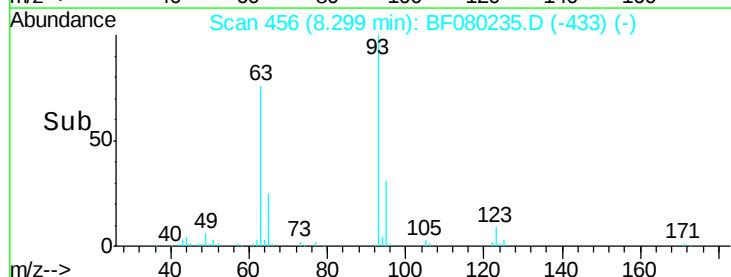
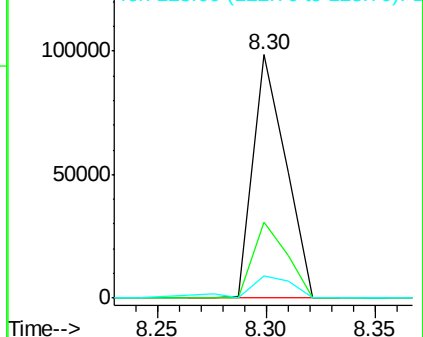
123 9.2 13.7 20.5#

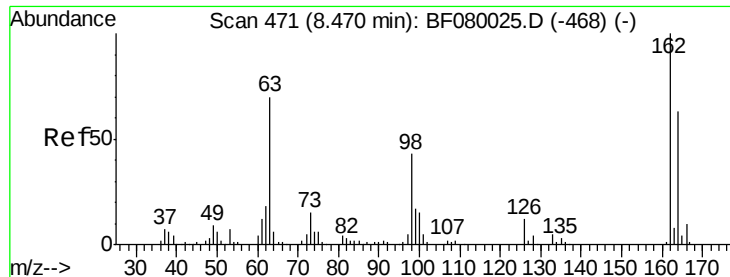


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

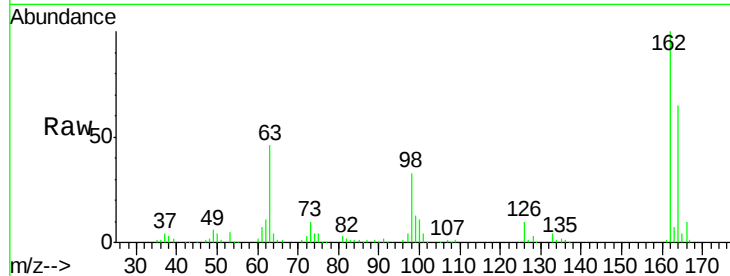




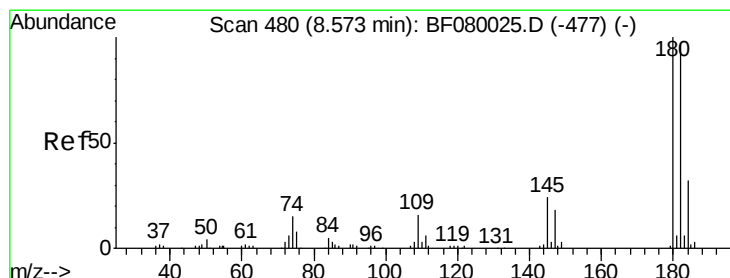
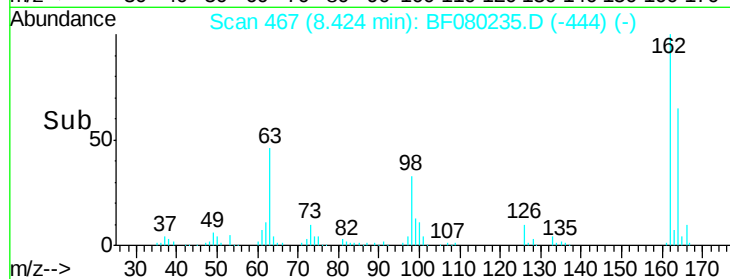
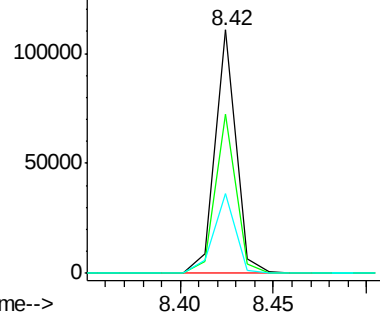
#29
 2,4-Dichlorophenol
 Concen: 50.77 ng
 RT: 8.42 min Scan# 467
 Delta R.T. -0.03 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84280BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.9	84.9
98	32.8	13.0	53.0

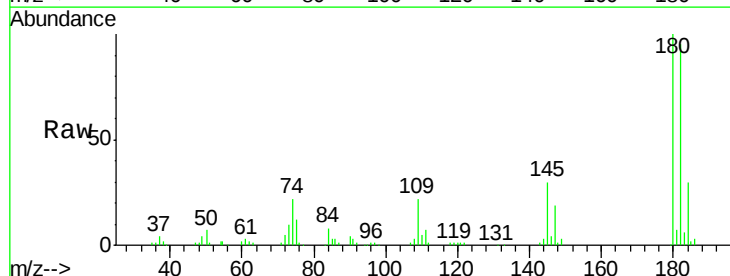


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

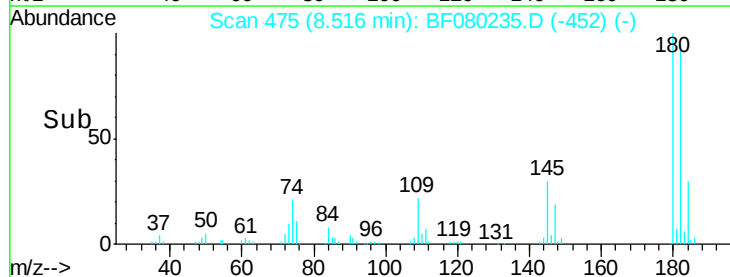
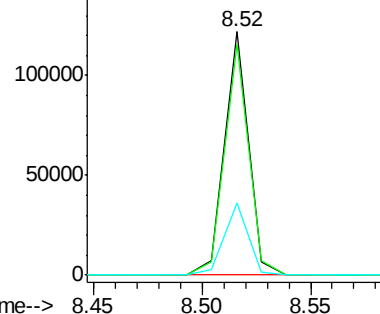


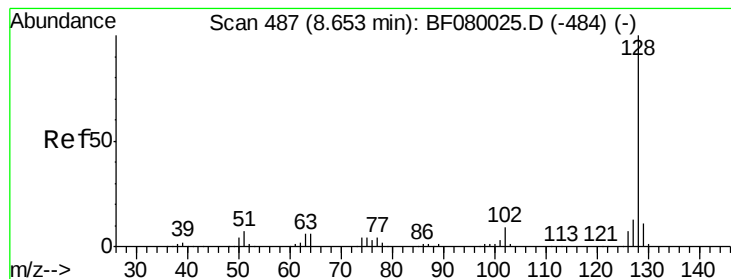
#30
 1,2,4-Trichlorobenzene
 Concen: 48.18 ng
 RT: 8.52 min Scan# 475
 Delta R.T. -0.03 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.1	115.7
145	29.9	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: 40.26 ng

RT: 8.60 min Scan# 482

Delta R.T. -0.03 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Instrument :

BNA_F

ClientSampleId :

PB84280BS

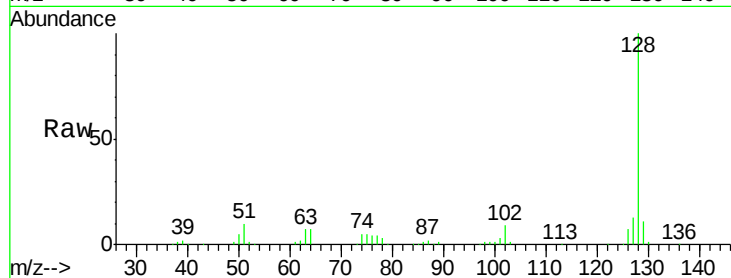
Tgt Ion:128 Resp: 271726

Ion Ratio Lower Upper

128 100

129 11.4 8.4 12.6

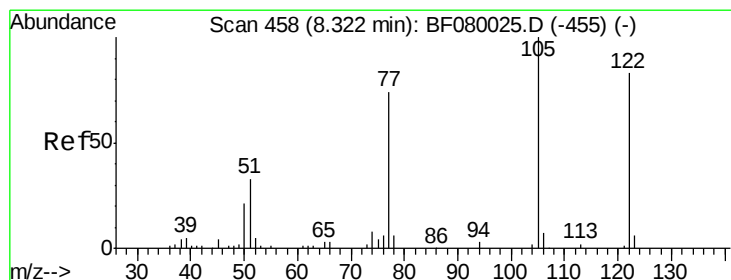
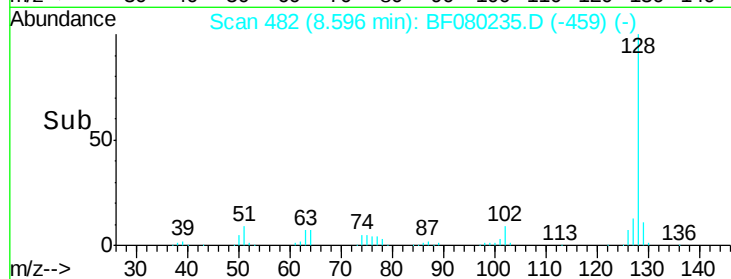
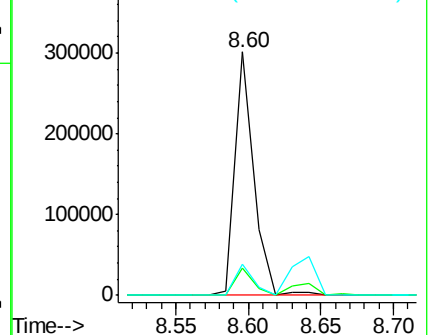
127 13.0 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 30.15 ng

RT: 8.28 min Scan# 454

Delta R.T. -0.03 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

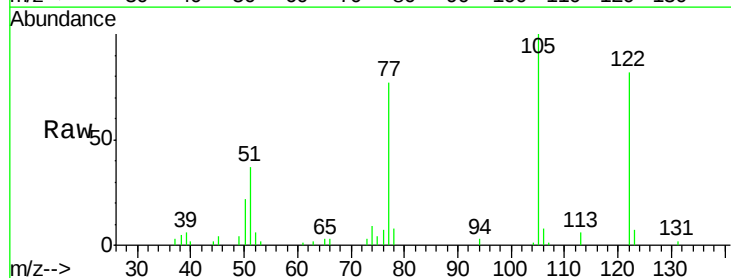
Tgt Ion:122 Resp: 36411

Ion Ratio Lower Upper

122 100

105 121.4 76.1 116.1#

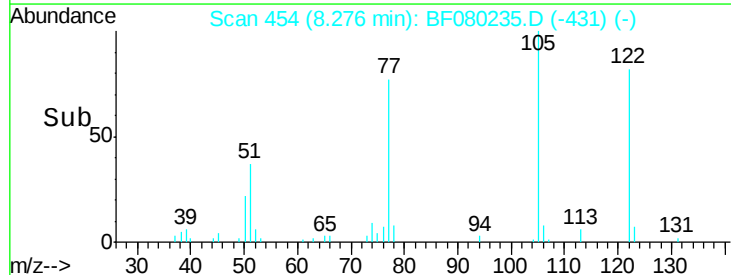
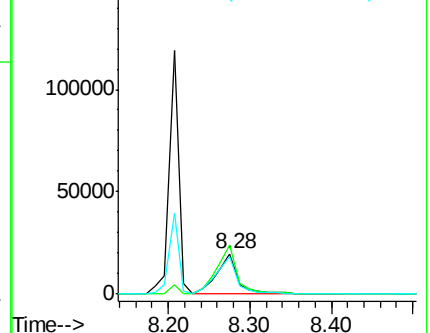
77 93.6 40.5 80.5#

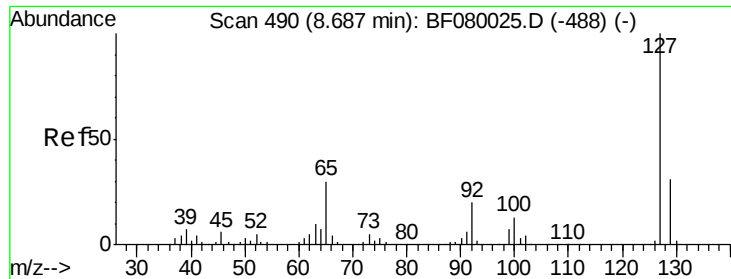


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

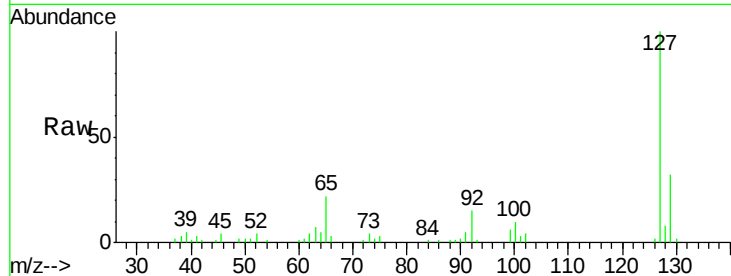




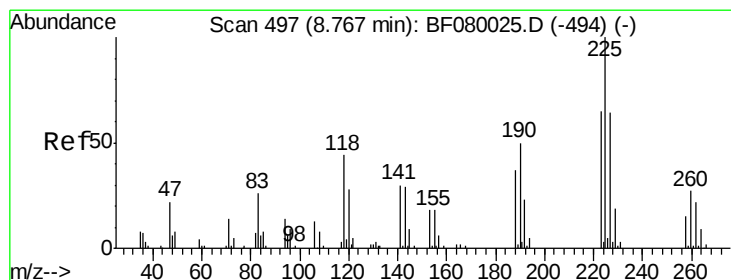
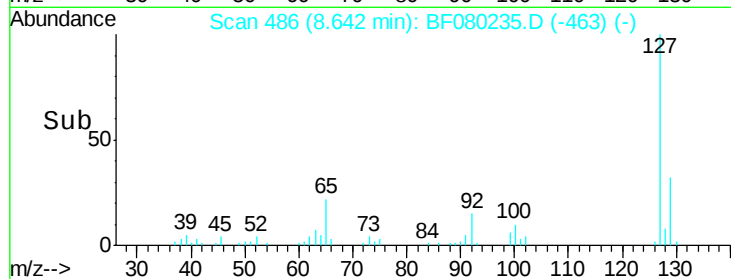
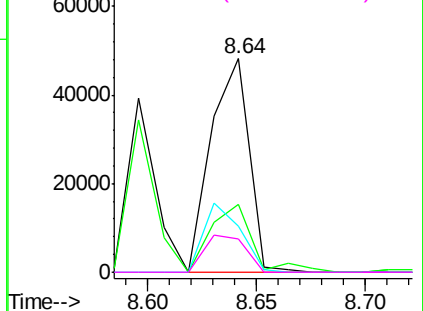
#33
4-Chloroaniline
Concen: 20.24 ng
RT: 8.64 min Scan# 486
Delta R.T. -0.03 min
Lab File: BF080235.D
Acq: 30 Jun 2015 14:41

Instrument :
BNA_F
ClientSampleId :
PB84280BS

Tgt Ion:	127	Resp:	58461
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.6
65	21.8	17.9	26.9
92	15.4	10.5	15.7

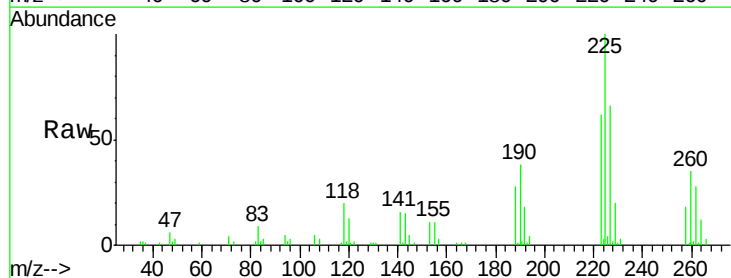


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

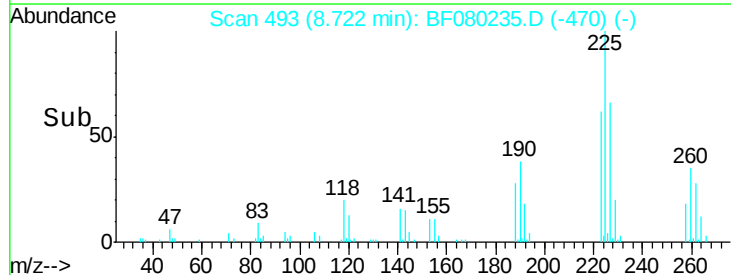
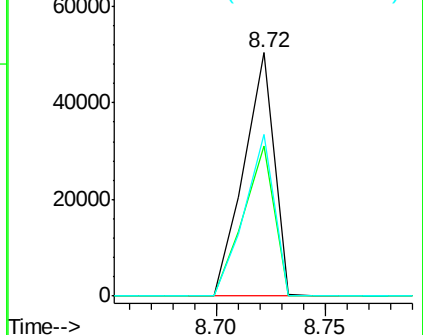


#34
Hexachlorobutadiene
Concen: 40.83 ng
RT: 8.72 min Scan# 493
Delta R.T. -0.03 min
Lab File: BF080235.D
Acq: 30 Jun 2015 14:41

Tgt Ion:	225	Resp:	48842
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.2	75.2
227	66.4	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

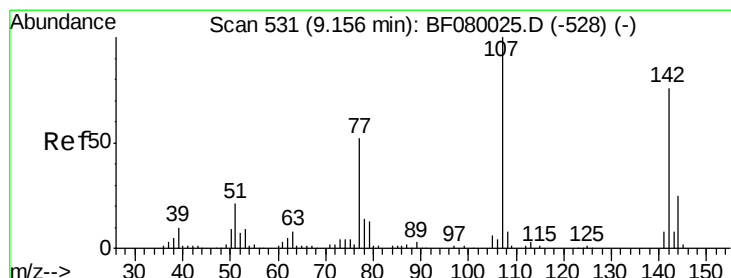
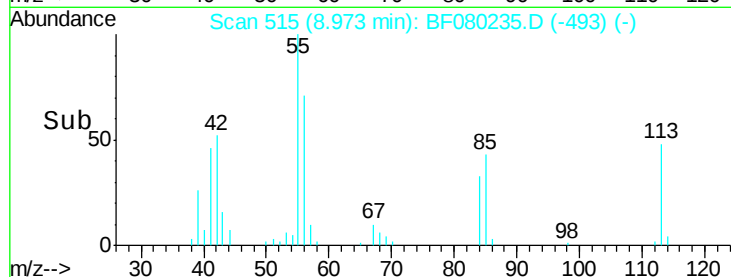
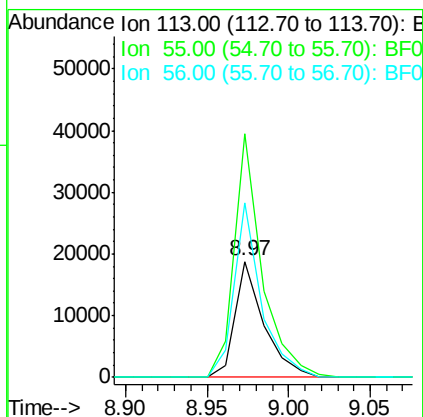
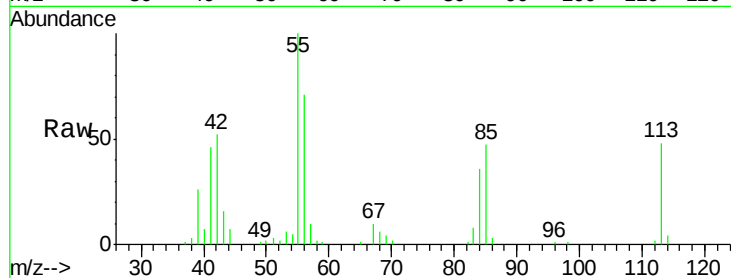




#35
 Caprolactam
 Concen: 40.89 ng
 RT: 8.97 min Scan# 515
 Delta R.T. -0.05 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

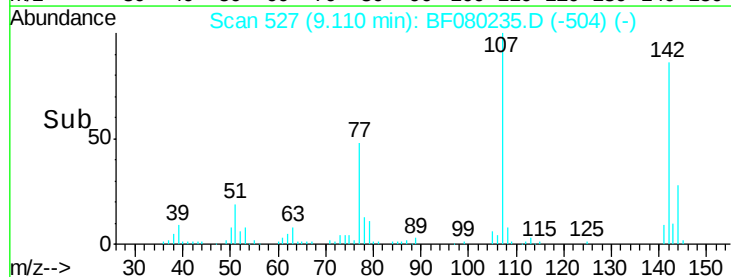
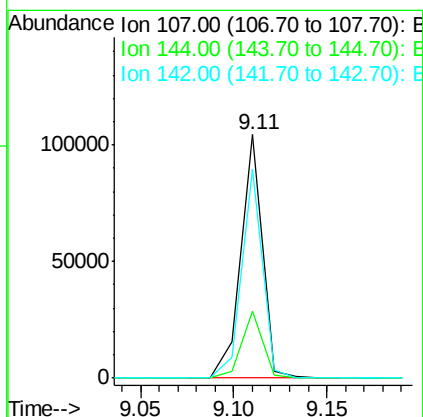
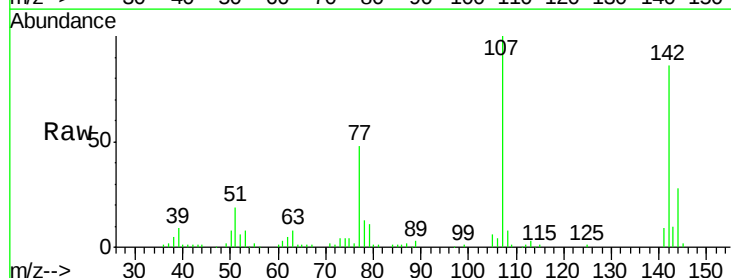
Instrument :
 BNA_F
 ClientSampleId :
 PB84280BS

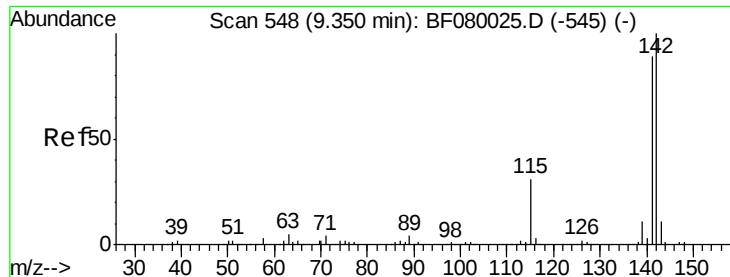
Tgt Ion:113 Resp: 22705
 Ion Ratio Lower Upper
 113 100
 55 210.0 152.4 192.4#
 56 150.1 104.6 144.6#



#36
 4-Chloro-3-methylphenol
 Concen: 44.02 ng
 RT: 9.11 min Scan# 527
 Delta R.T. -0.03 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Tgt Ion:107 Resp: 84938
 Ion Ratio Lower Upper
 107 100
 144 27.7 25.4 38.0
 142 85.8 77.3 115.9

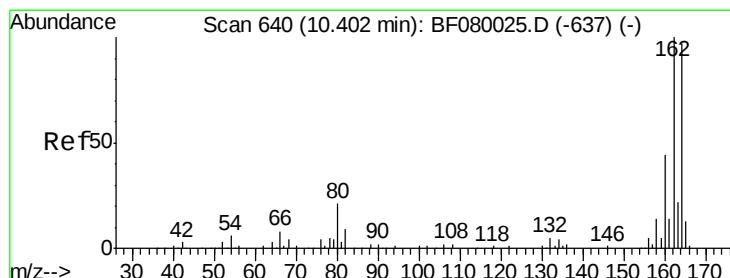
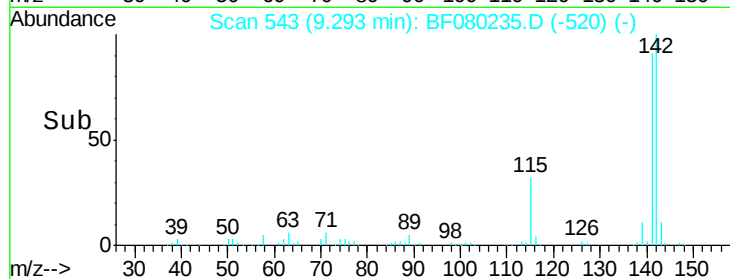
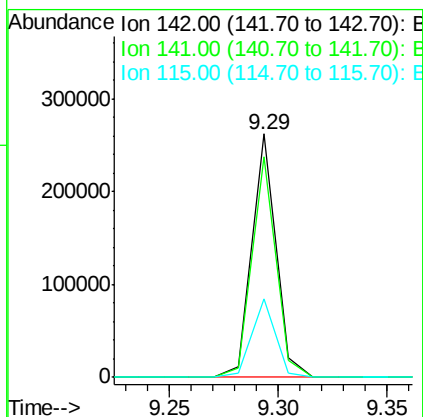
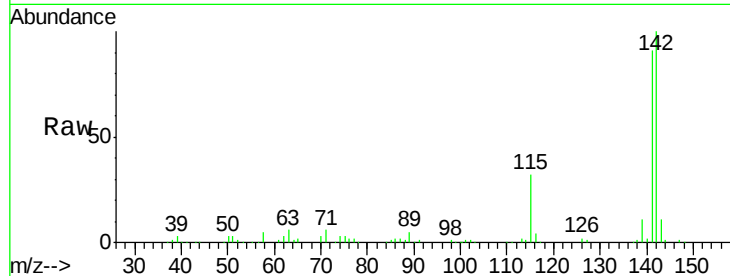




#37
 2-Methylnaphthalene
 Concen: 46.32 ng
 RT: 9.29 min Scan# 543
 Delta R.T. -0.03 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

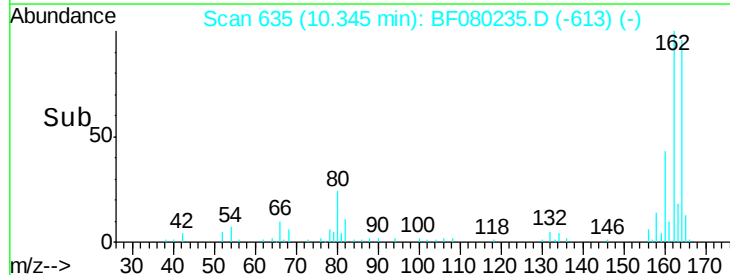
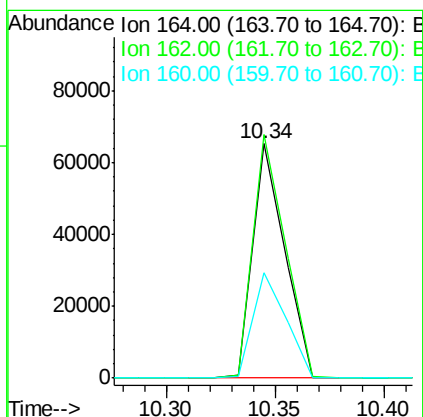
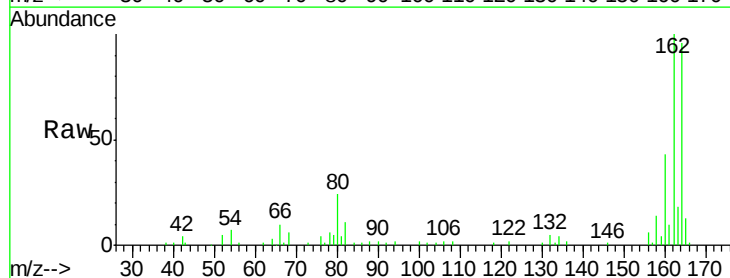
Instrument :
 BNA_F
 ClientSampleId :
 PB84280BS

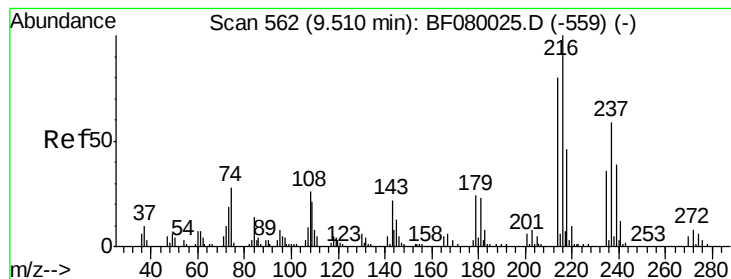
Tgt Ion:142 Resp: 202207
 Ion Ratio Lower Upper
 142 100
 141 90.7 67.5 101.3
 115 32.4 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.34 min Scan# 635
 Delta R.T. -0.05 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Tgt Ion:164 Resp: 66381
 Ion Ratio Lower Upper
 164 100
 162 104.0 75.2 112.8
 160 44.9 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.28 ng

RT: 9.46 min Scan# 558

Delta R.T. -0.03 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Instrument :

BNA_F

ClientSampleId :

PB84280BS

Tgt Ion:216 Resp: 93256

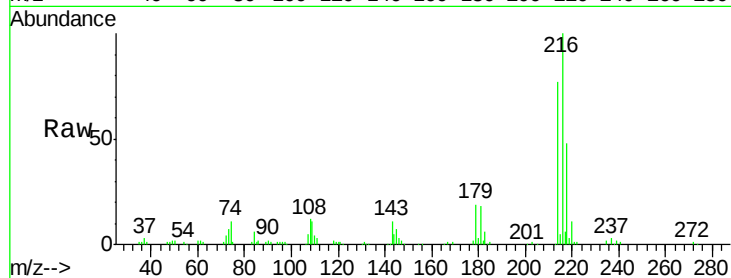
Ion Ratio Lower Upper

216 100

214 77.1 63.5 95.3

179 19.9 16.6 24.8

108 18.3 16.3 24.5

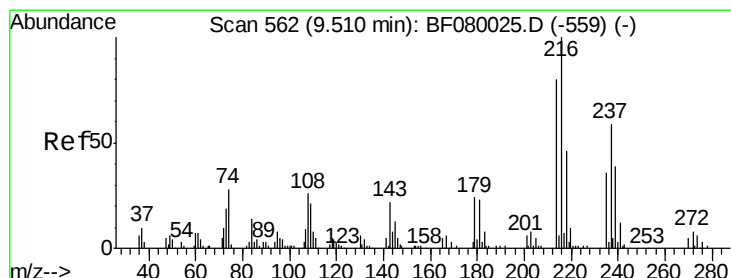
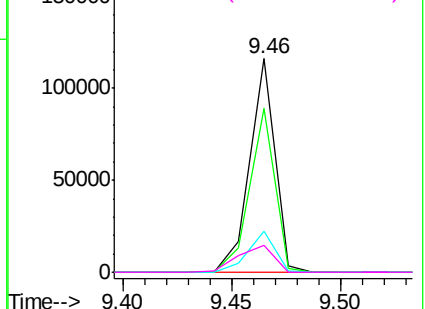
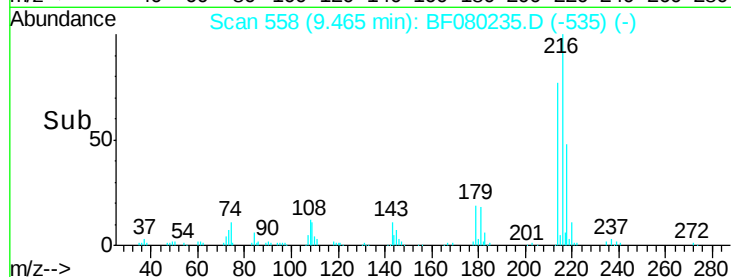


Abundance Ion 216.00 (215.70 to 216.70): E

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: 85.03 ng

RT: 9.45 min Scan# 557

Delta R.T. -0.03 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

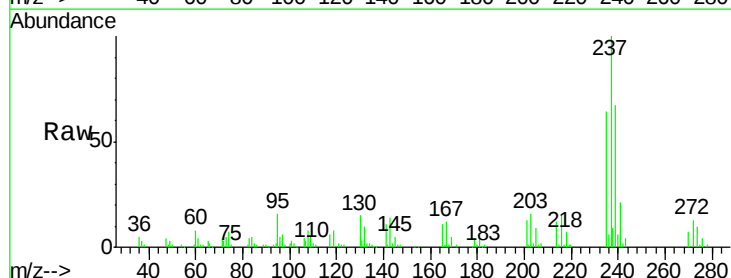
Tgt Ion:237 Resp: 84949

Ion Ratio Lower Upper

237 100

235 63.6 42.0 82.0

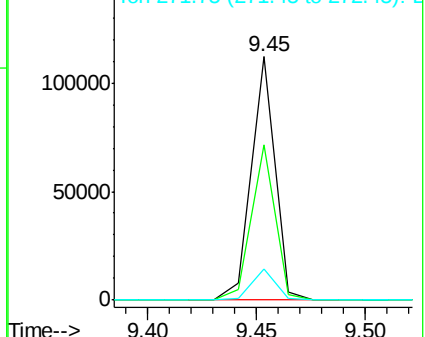
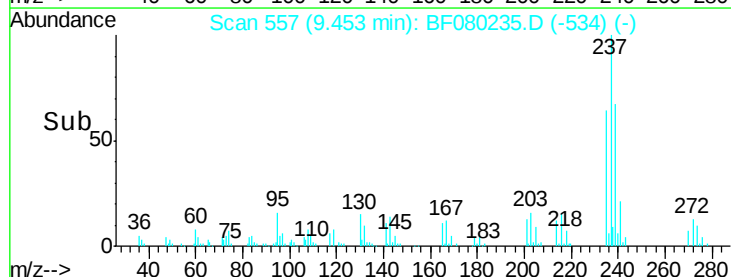
272 12.5 0.0 36.1



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

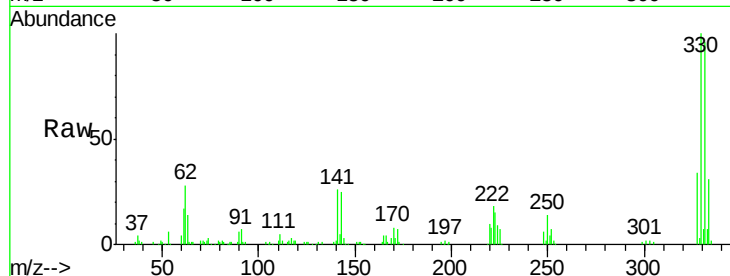




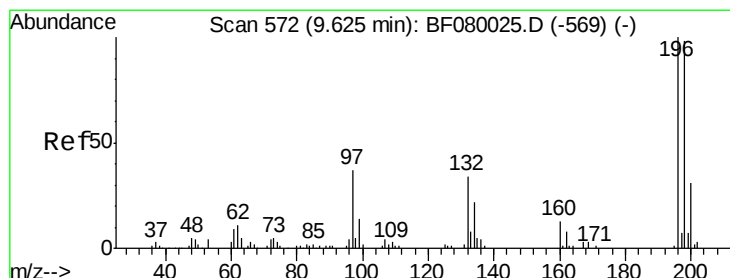
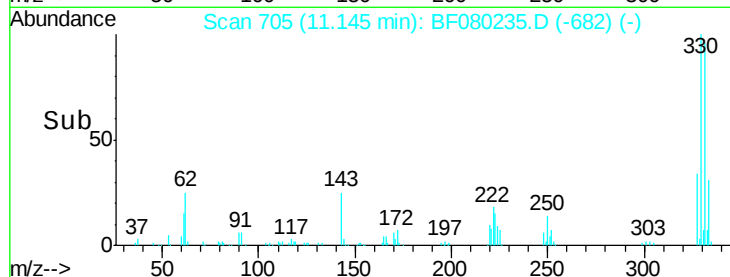
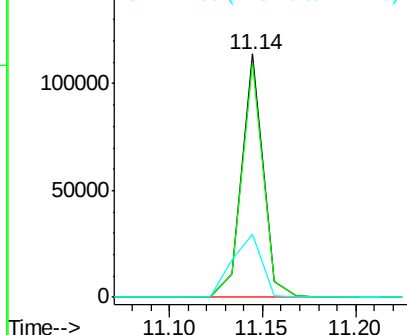
#41
 2,4,6-Tribromophenol
 Concen: 140.54 ng
 RT: 11.14 min Scan# 705
 Delta R.T. -0.03 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84280BS

Tgt Ion:330 Resp: 91222
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 35.8 29.7 44.5

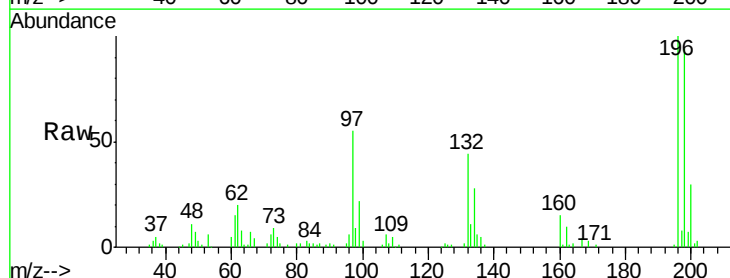


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

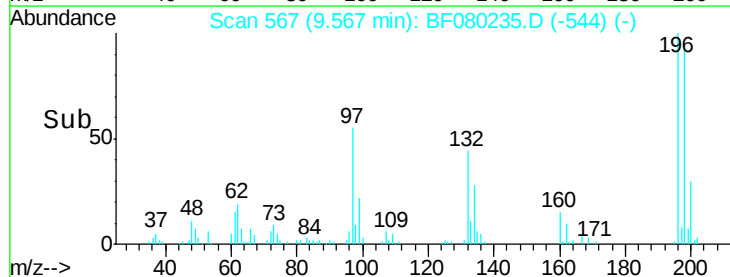
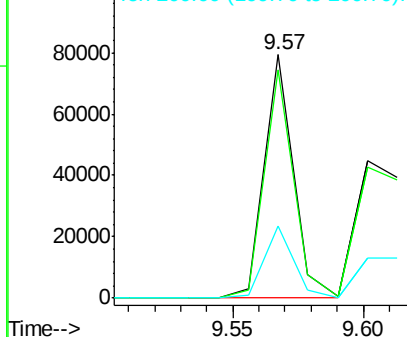


#42
 2,4,6-Trichlorophenol
 Concen: 47.40 ng
 RT: 9.57 min Scan# 567
 Delta R.T. -0.03 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Tgt Ion:196 Resp: 62303
 Ion Ratio Lower Upper
 196 100
 198 93.7 75.7 113.5
 200 29.6 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

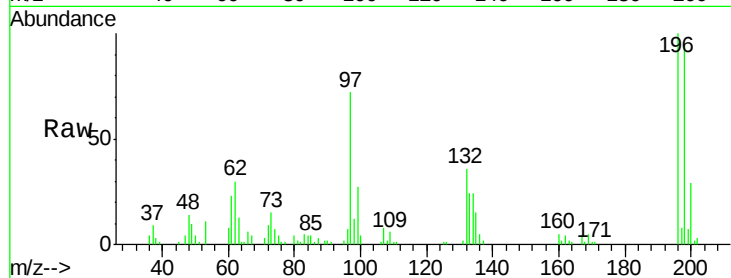




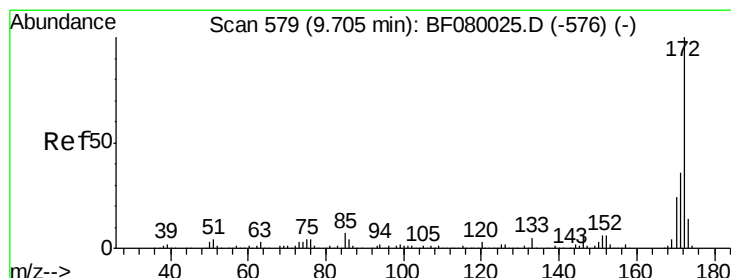
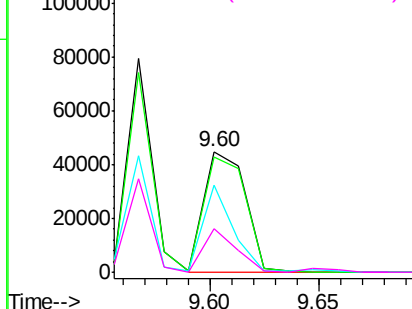
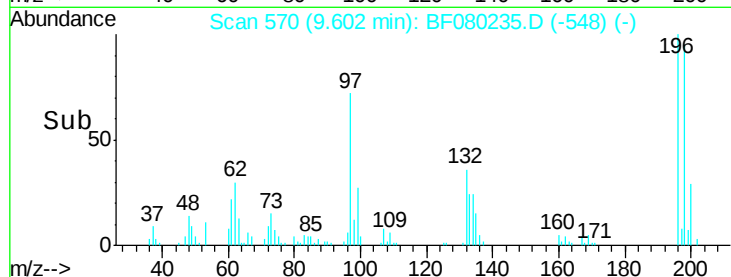
#43
 2,4,5-Trichlorophenol
 Concen: 38.99 ng
 RT: 9.60 min Scan# 570
 Delta R.T. -0.05 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84280BS

Tgt Ion:196 Resp: 59040
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.4 113.0
 97 71.9 33.3 49.9#
 132 36.2 24.6 37.0

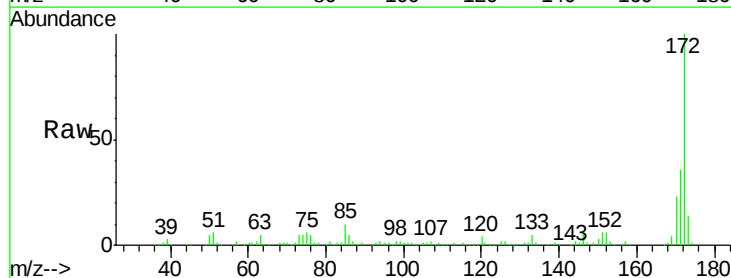


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

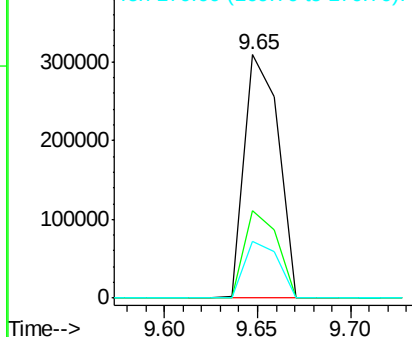
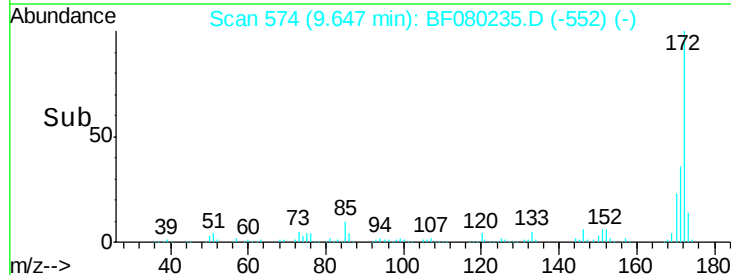


#44
 2-Fluorobiphenyl
 Concen: 83.65 ng
 RT: 9.65 min Scan# 574
 Delta R.T. -0.05 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Tgt Ion:172 Resp: 389390
 Ion Ratio Lower Upper
 172 100
 171 36.0 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

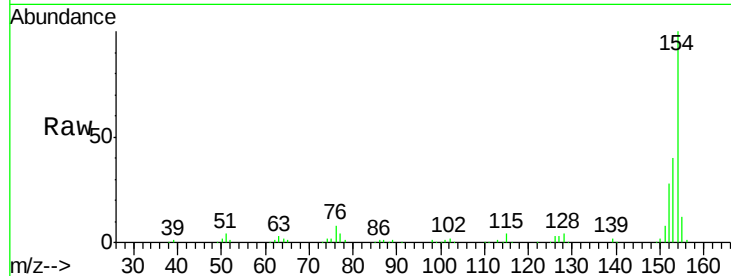




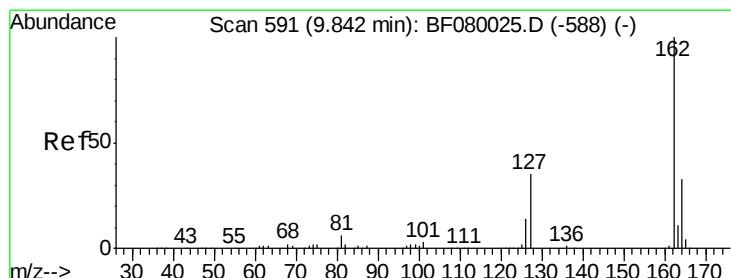
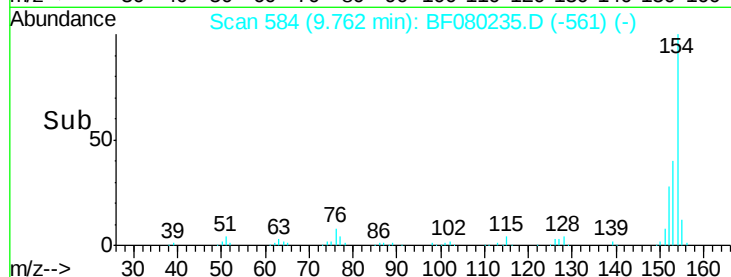
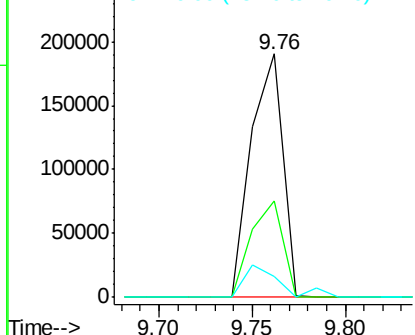
#45
 1,1'-Biphenyl
 Concen: 41.27 ng
 RT: 9.76 min Scan# 584
 Delta R.T. -0.03 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84280BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	17.1	57.1
76	8.3	0.0	31.6

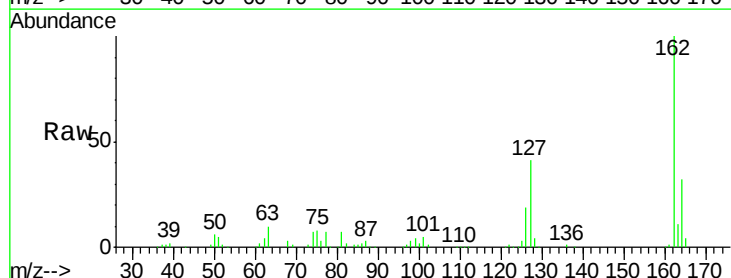


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

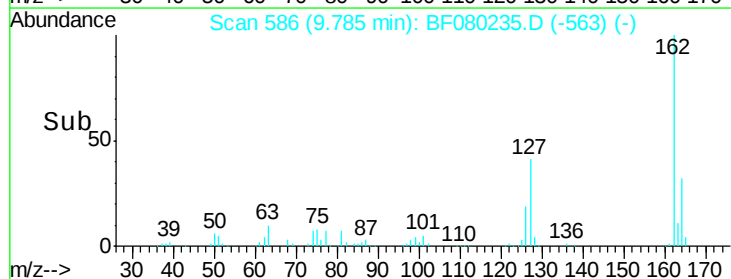
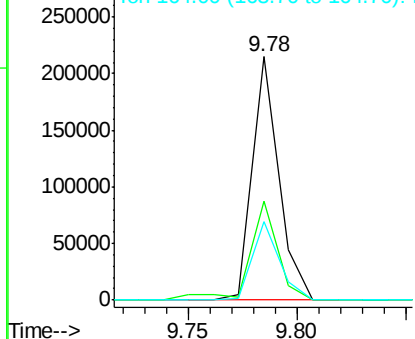


#46
 2-Chloronaphthalene
 Concen: 41.40 ng
 RT: 9.78 min Scan# 586
 Delta R.T. -0.03 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.8	27.6	41.4
164	32.2	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

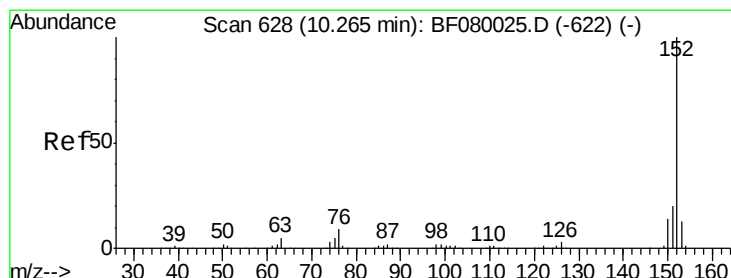
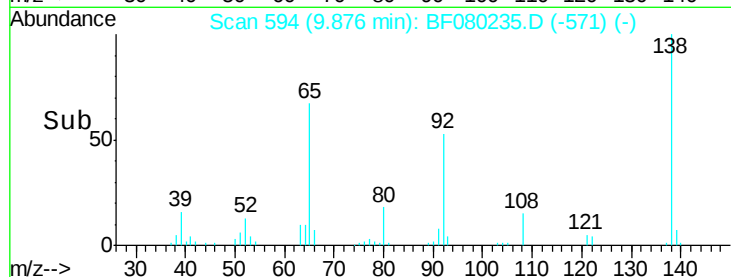
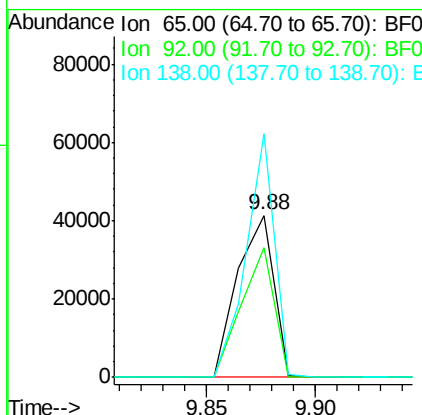
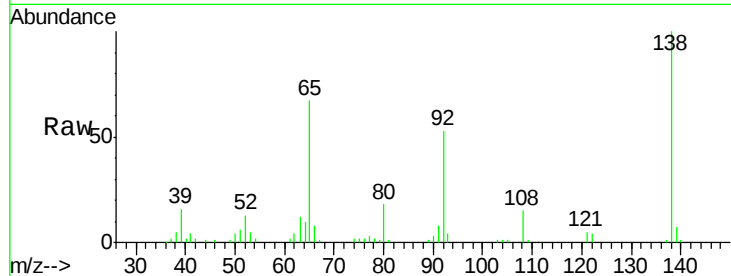




#47
2-Nitroaniline
Concen: 39.78 ng
RT: 9.88 min Scan# 594
Delta R.T. -0.03 min
Lab File: BF080235.D
Acq: 30 Jun 2015 14:41

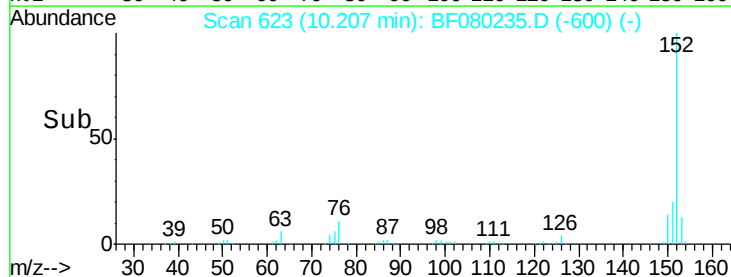
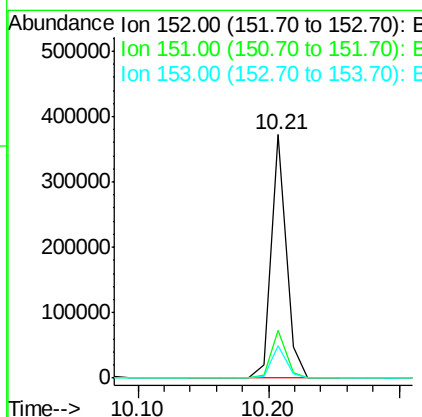
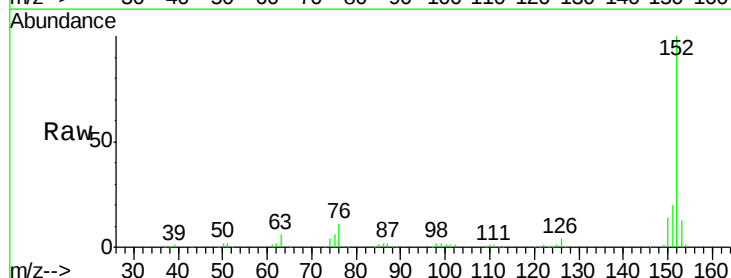
Instrument :
BNA_F
ClientSampleId :
PB84280BS

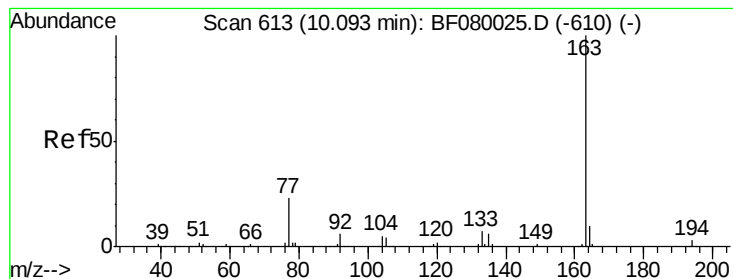
Tgt Ion: 65 Resp: 47857
Ion Ratio Lower Upper
65 100
92 79.6 55.4 83.0
138 150.0 115.5 173.3



#48
Acenaphthylene
Concen: 41.48 ng
RT: 10.21 min Scan# 623
Delta R.T. -0.03 min
Lab File: BF080235.D
Acq: 30 Jun 2015 14:41

Tgt Ion: 152 Resp: 303424
Ion Ratio Lower Upper
152 100
151 19.9 14.6 22.0
153 13.3 10.3 15.5





#49

Dimethylphthalate

Concen: 42.87 ng

RT: 10.05 min Scan# 609

Delta R.T. -0.03 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Instrument :

BNA_F

ClientSampleId :

PB84280BS

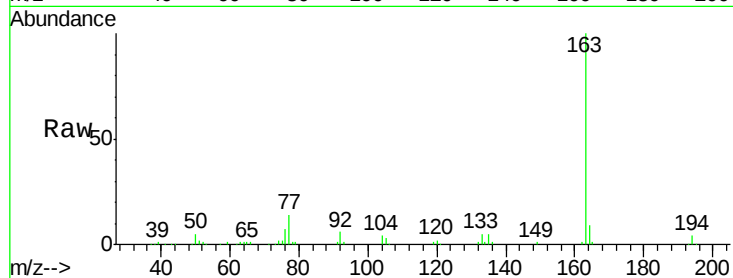
Tgt Ion:163 Resp: 213966

Ion Ratio Lower Upper

163 100

194 3.9 4.4 6.6#

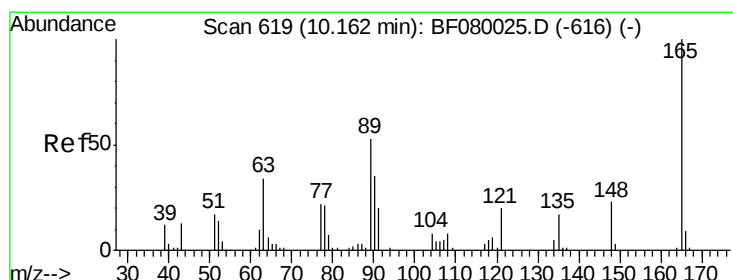
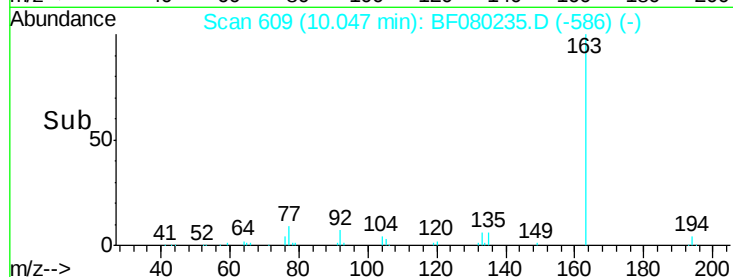
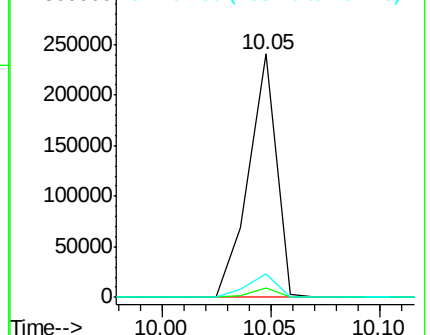
164 9.5 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.61 ng

RT: 10.12 min Scan# 615

Delta R.T. -0.03 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

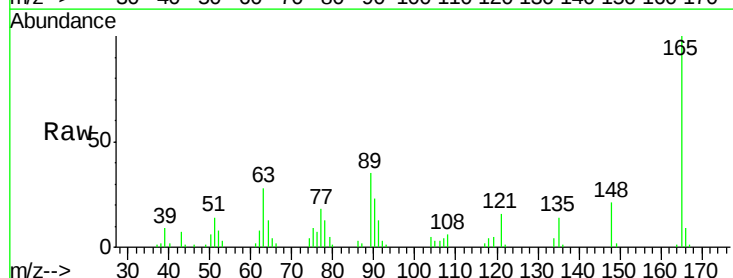
Tgt Ion:165 Resp: 42635

Ion Ratio Lower Upper

165 100

63 27.6 32.3 48.5#

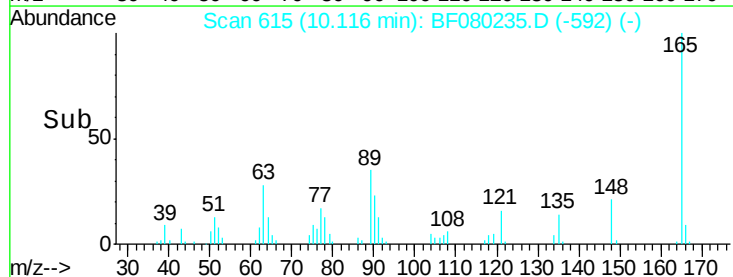
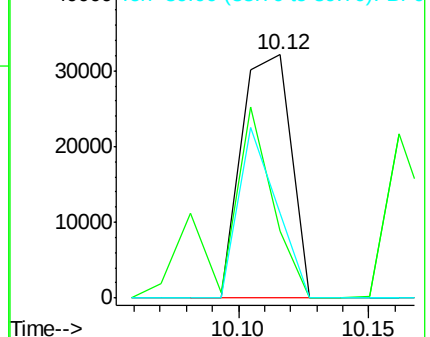
89 34.6 28.6 43.0

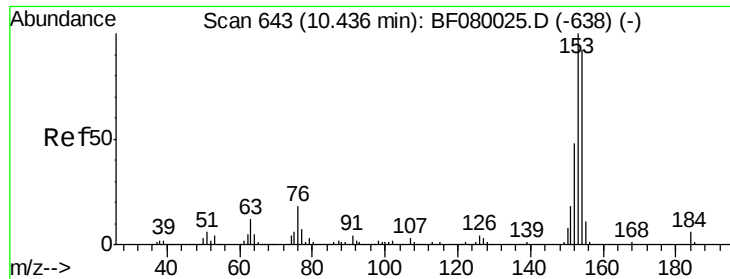


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.66 ng

RT: 10.38 min Scan# 638

Delta R.T. -0.05 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Instrument :

BNA_F

ClientSampleId :

PB84280BS

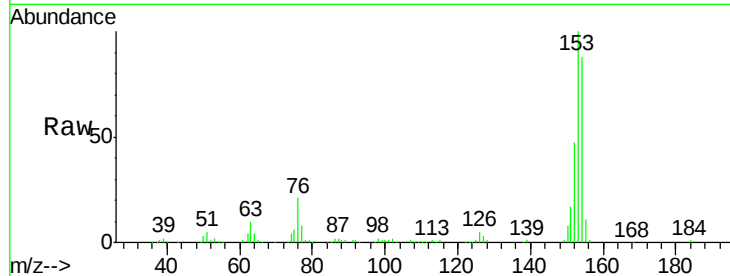
Tgt Ion:154 Resp: 195342

Ion Ratio Lower Upper

154 100

153 113.1 82.1 123.1

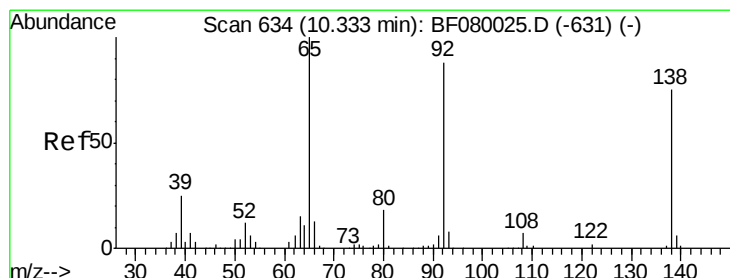
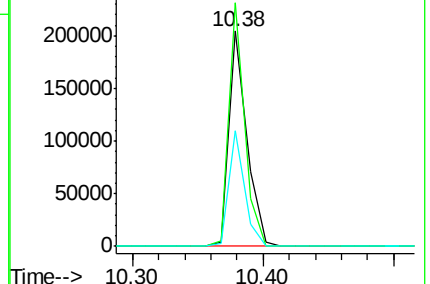
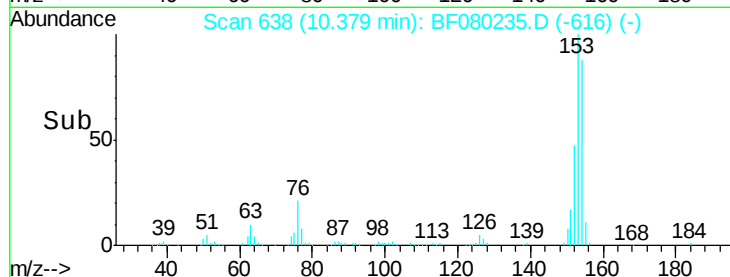
152 53.6 37.9 56.9



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: 29.56 ng

RT: 10.28 min Scan# 629

Delta R.T. -0.05 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

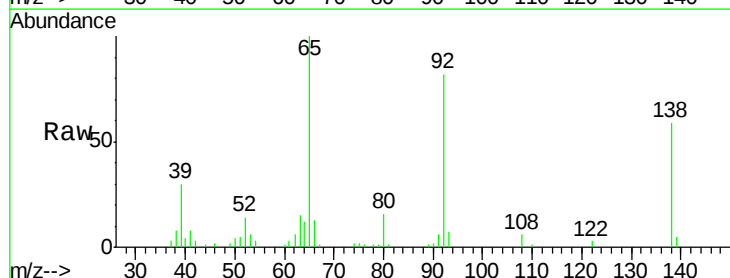
Tgt Ion:138 Resp: 34128

Ion Ratio Lower Upper

138 100

108 10.4 5.7 8.5#

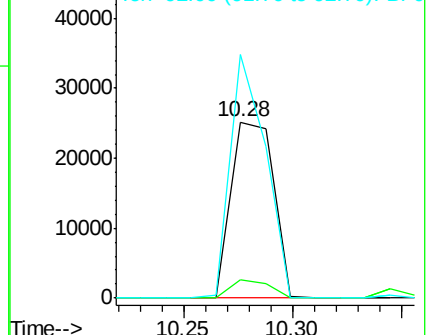
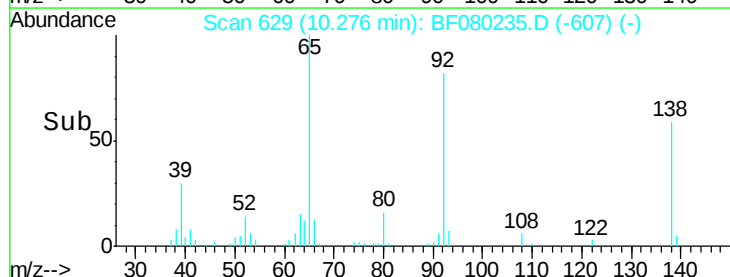
92 138.5 67.7 101.5#

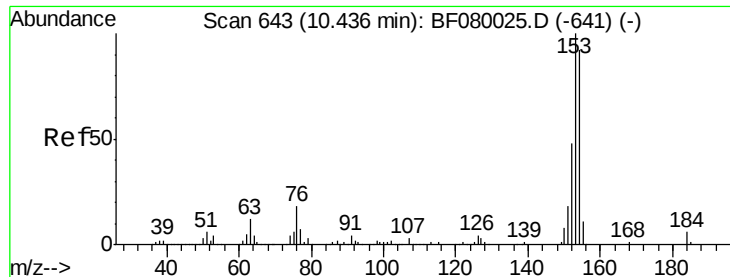


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

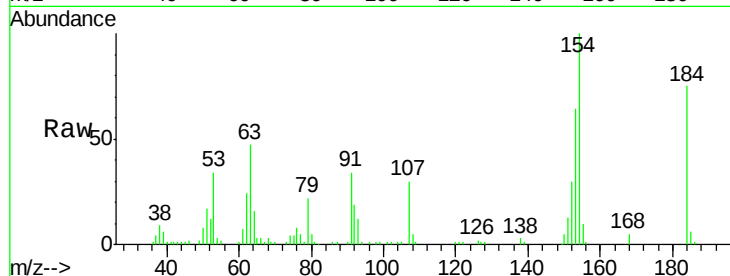




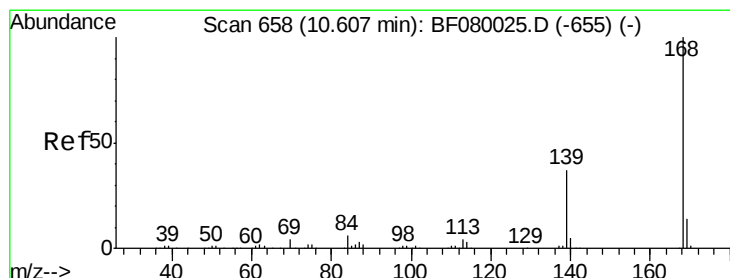
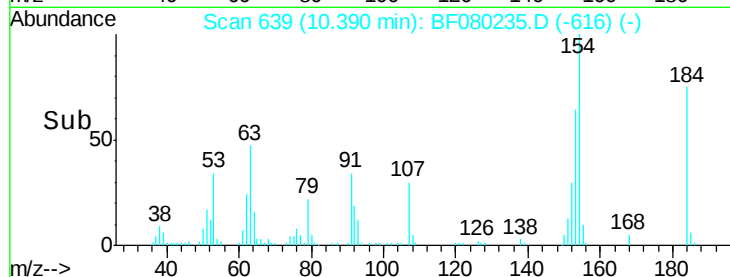
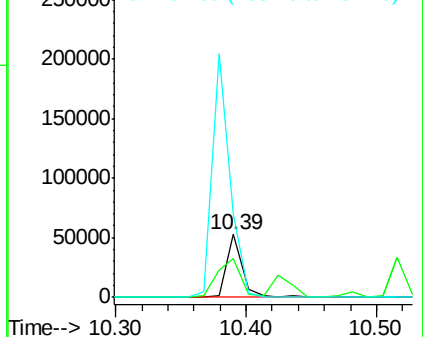
#53
2,4-Dinitrophenol
Concen: 106.54 ng
RT: 10.39 min Scan# 639
Delta R.T. -0.03 min
Lab File: BF080235.D
Acq: 30 Jun 2015 14:41

Instrument :
BNA_F
ClientSampleId :
PB84280BS

Tgt Ion:184 Resp: 44236
Ion Ratio Lower Upper
184 100
63 62.0 35.4 53.2#
154 133.2 32.2 48.4#

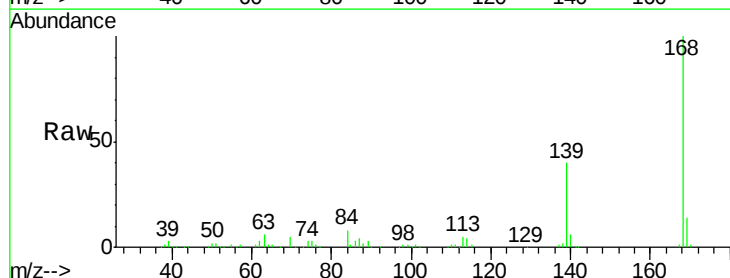


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

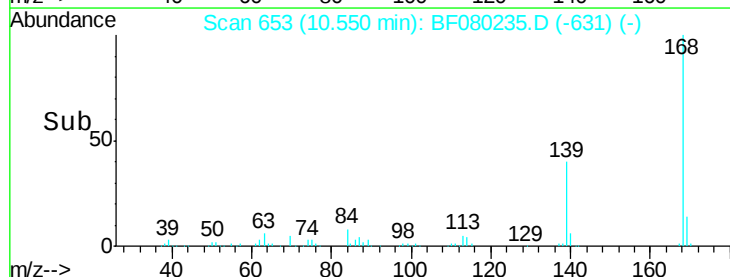
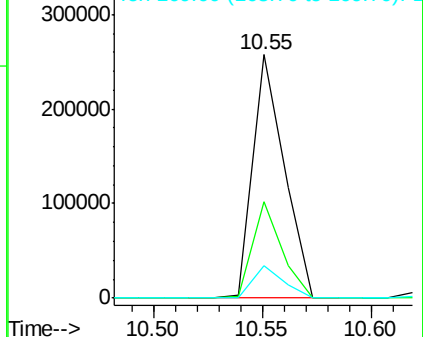


#54
Dibenzofuran
Concen: 40.82 ng
RT: 10.55 min Scan# 653
Delta R.T. -0.05 min
Lab File: BF080235.D
Acq: 30 Jun 2015 14:41

Tgt Ion:168 Resp: 259159
Ion Ratio Lower Upper
168 100
139 39.8 24.2 36.2#
169 13.5 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 79.33 ng

RT: 10.44 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Instrument :

BNA_F

ClientSampleId :

PB84280BS

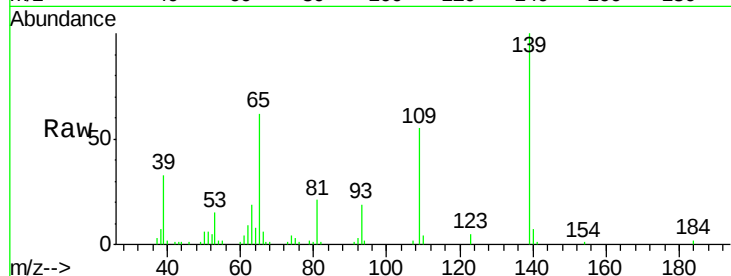
Tgt Ion:139 Resp: 73199

Ion Ratio Lower Upper

139 100

109 54.6 12.7 52.7#

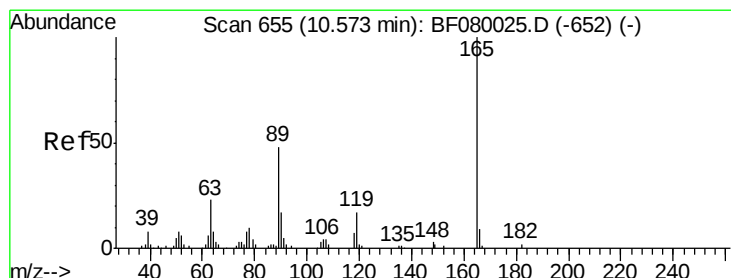
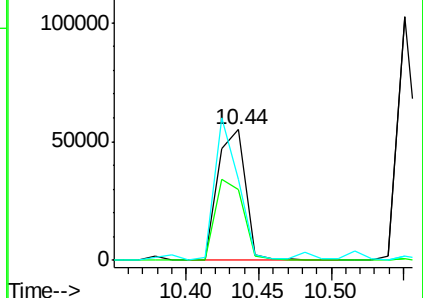
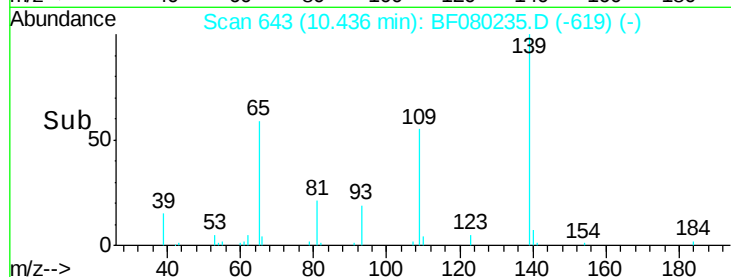
65 62.1 45.9 85.9



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: 48.09 ng

RT: 10.52 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Tgt Ion:165 Resp: 61049

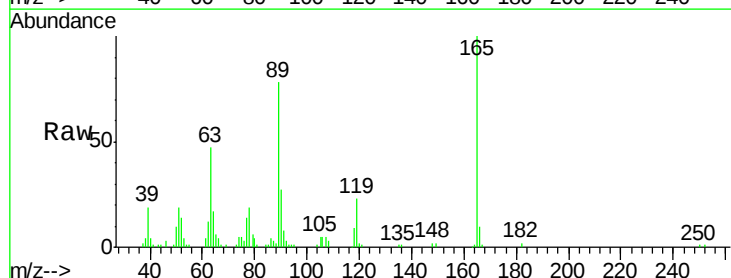
Ion Ratio Lower Upper

165 100

63 47.4 29.8 44.6#

89 77.9 44.5 66.7#

182 2.1 3.0 4.4#

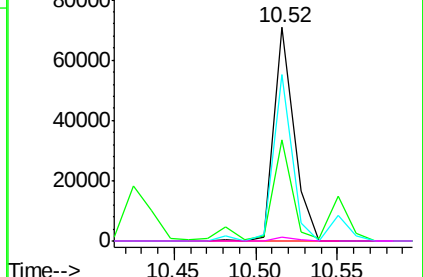
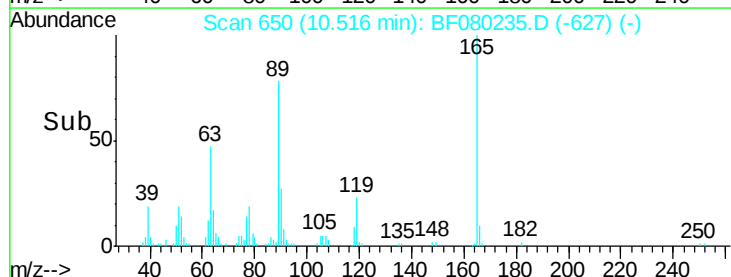


Abundance Ion 165.00 (164.70 to 165.70): E

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

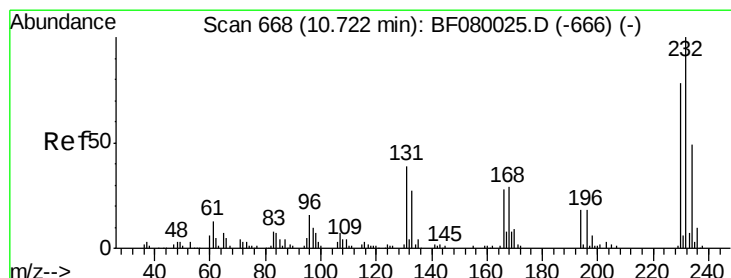
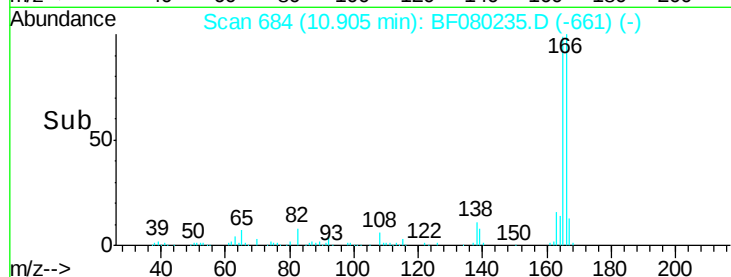
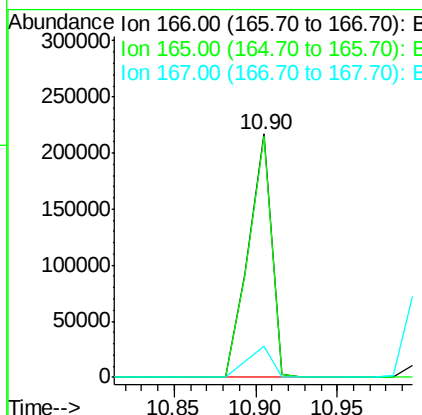
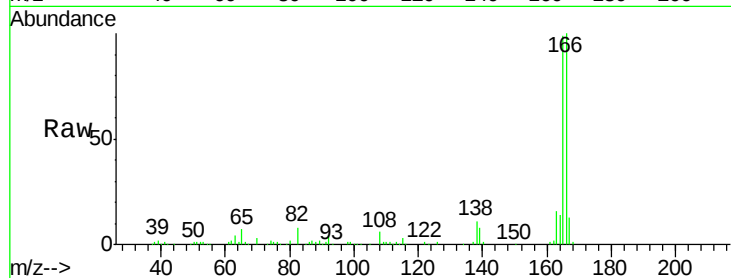




#57
 Fluorene
 Concen: 42.52 ng
 RT: 10.90 min Scan# 684
 Delta R.T. -0.03 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

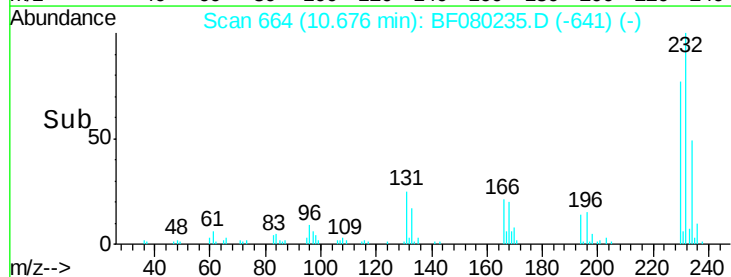
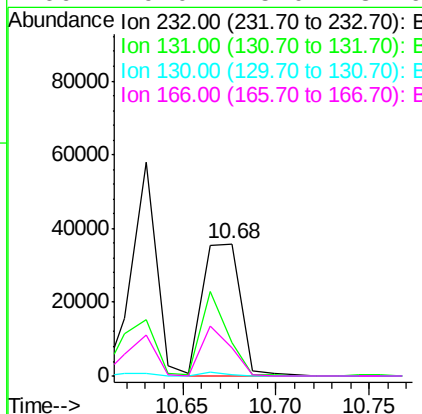
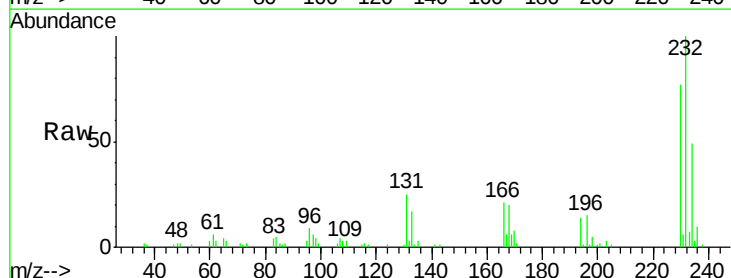
Instrument :
 BNA_F
 ClientSampleId :
 PB84280BS

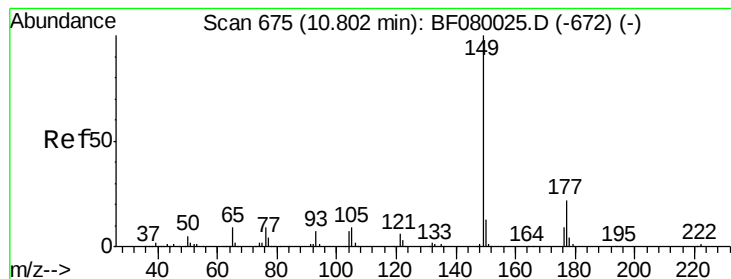
Tgt Ion:166 Resp: 214238
 Ion Ratio Lower Upper
 166 100
 165 98.9 72.6 109.0
 167 12.8 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.55 ng
 RT: 10.68 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Tgt Ion:232 Resp: 50563
 Ion Ratio Lower Upper
 232 100
 131 44.5 38.5 57.7
 130 2.1 1.8 2.6
 166 29.0 25.0 37.6





#59

Diethylphthalate

Concen: 40.94 ng

RT: 10.76 min Scan# 671

Delta R.T. -0.03 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Instrument :

BNA_F

ClientSampleId :

PB84280BS

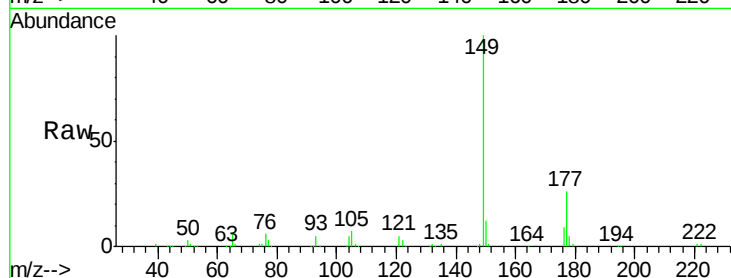
Tgt Ion:149 Resp: 205734

Ion Ratio Lower Upper

149 100

177 25.7 17.5 26.3

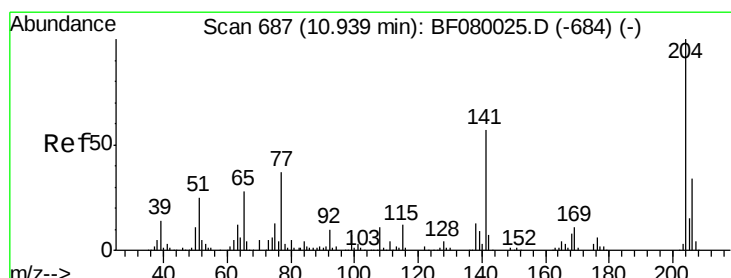
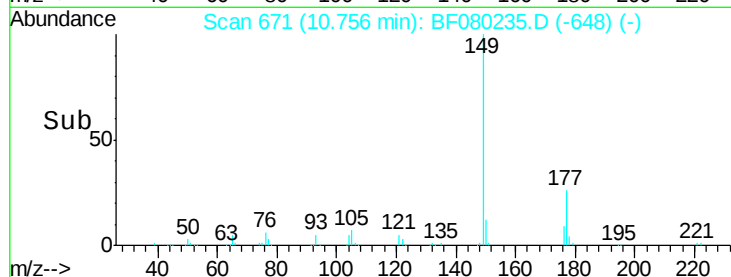
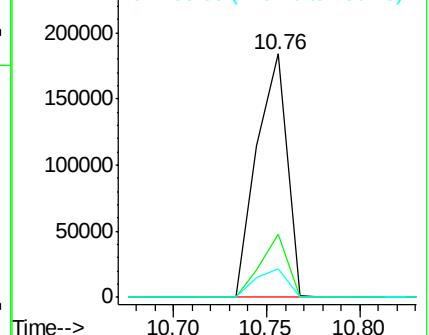
150 12.0 9.4 14.2



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: 40.08 ng

RT: 10.88 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

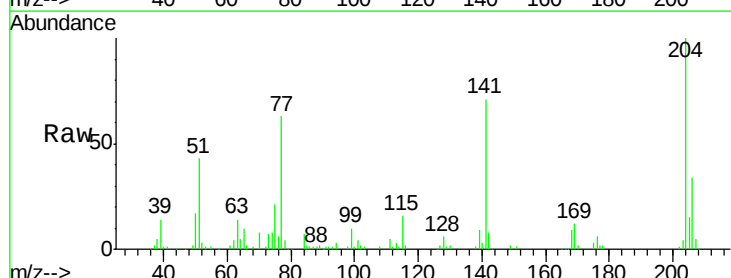
Tgt Ion:204 Resp: 97029

Ion Ratio Lower Upper

204 100

206 34.3 24.8 37.2

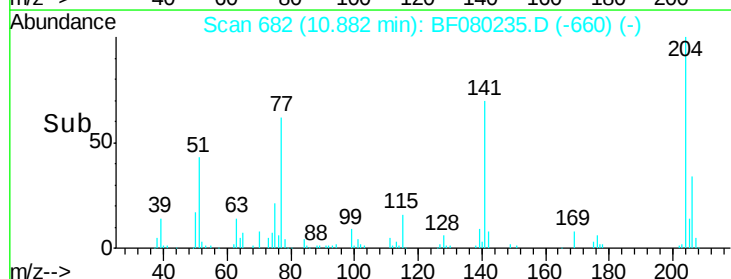
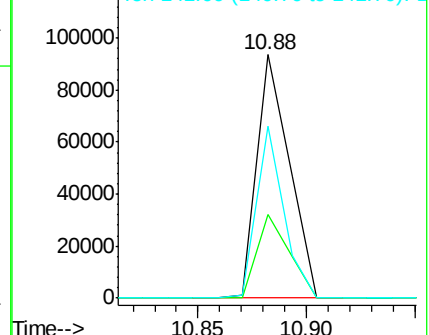
141 70.8 42.2 63.4#



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: 37.98 ng

RT: 10.89 min Scan# 683

Delta R.T. -0.03 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Instrument :

BNA_F

ClientSampleId :

PB84280BS

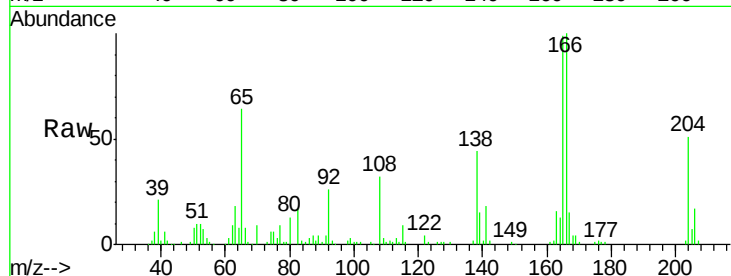
Tgt Ion:138 Resp: 45278

Ion Ratio Lower Upper

138 100

92 58.6 12.6 52.6#

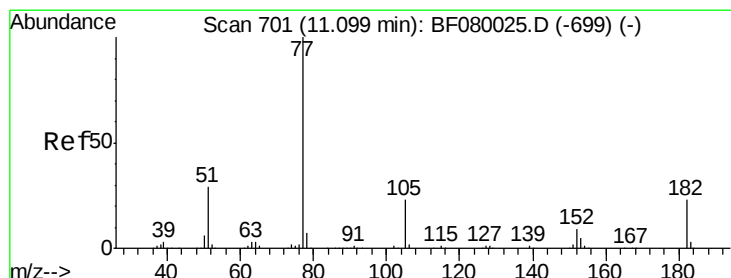
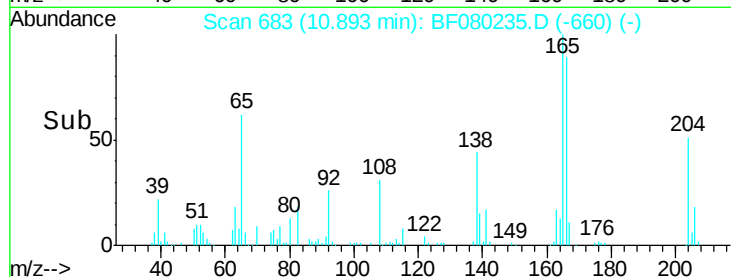
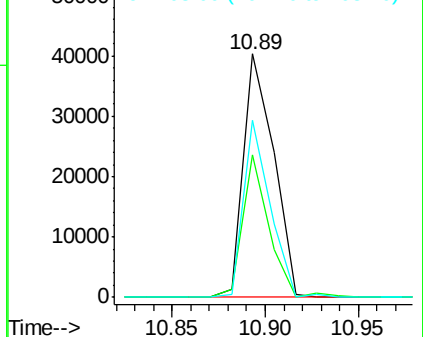
108 72.8 12.4 52.4#



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: 39.17 ng

RT: 11.04 min Scan# 696

Delta R.T. -0.05 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Tgt Ion: 77 Resp: 200365

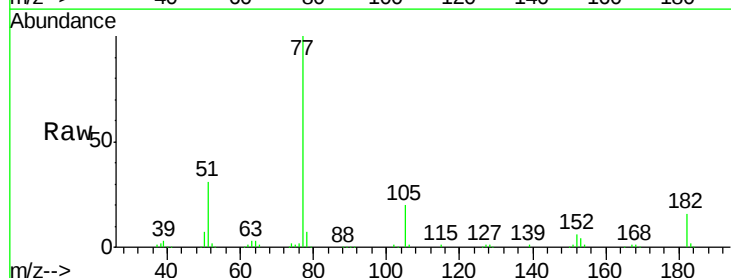
Ion Ratio Lower Upper

77 100

182 16.0 15.1 55.1

105 20.1 3.4 43.4

51 31.3 12.0 52.0

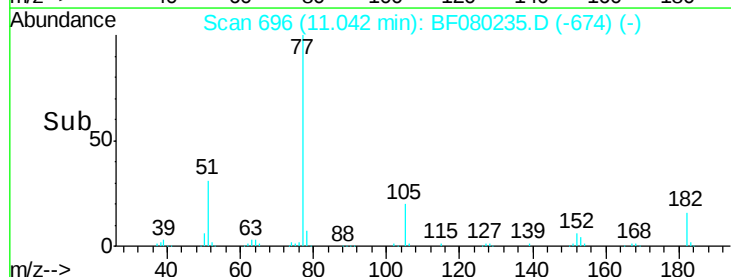
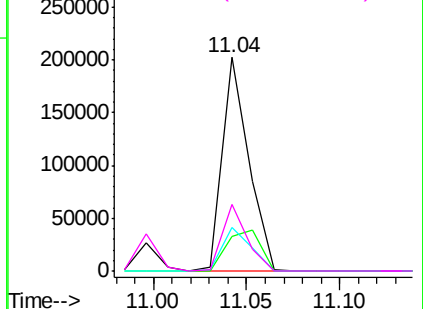


Abundance Ion 77.00 (76.70 to 77.70): BF0

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

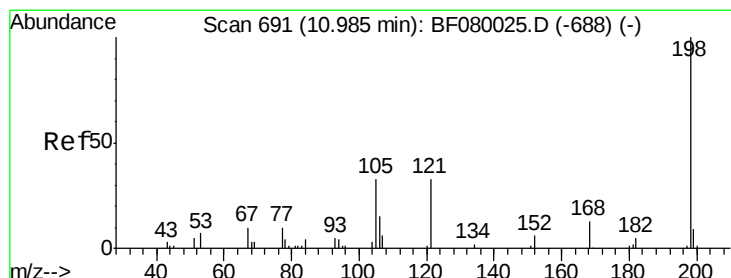
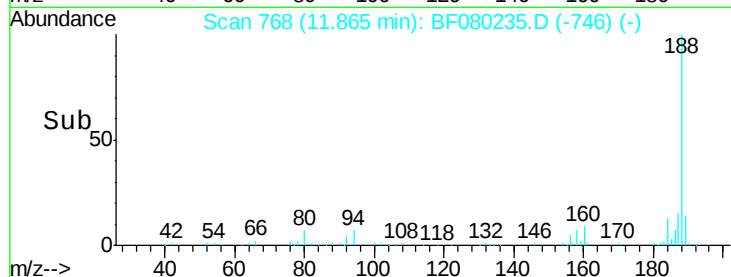
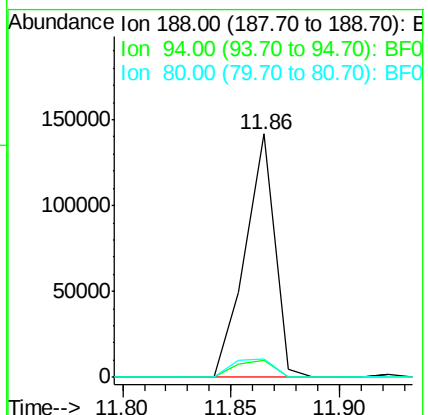
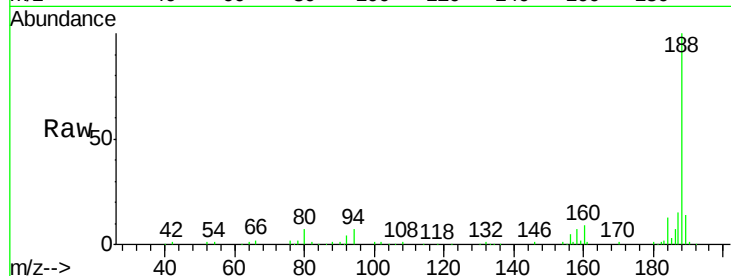




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.86 min Scan# 768
 Delta R.T. -0.05 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

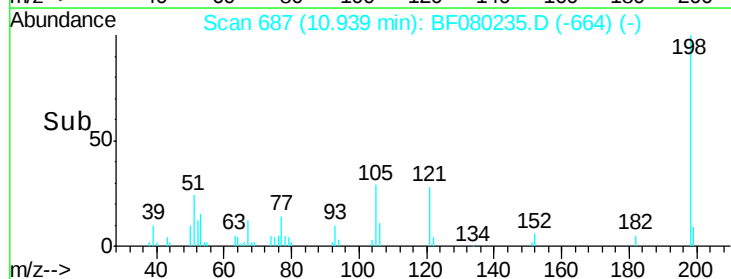
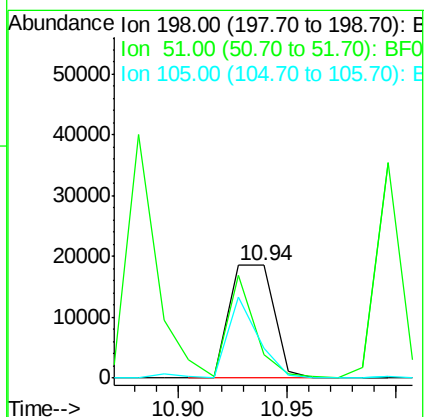
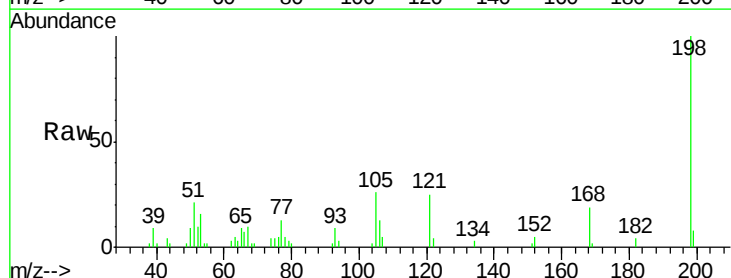
Instrument :
 BNA_F
 ClientSampleId :
 PB84280BS

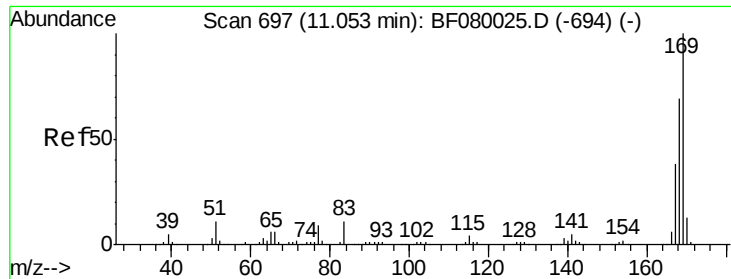
Tgt Ion:188 Resp: 134355
 Ion Ratio Lower Upper
 188 100
 94 6.9 11.1 16.7#
 80 7.3 11.0 16.4#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.05 ng
 RT: 10.94 min Scan# 687
 Delta R.T. -0.03 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Tgt Ion:198 Resp: 26215
 Ion Ratio Lower Upper
 198 100
 51 21.3 39.6 79.6#
 105 26.3 28.5 68.5#

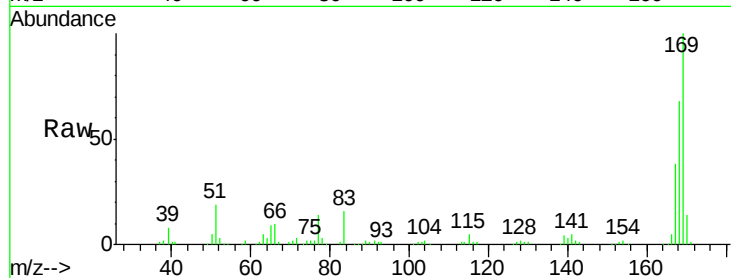




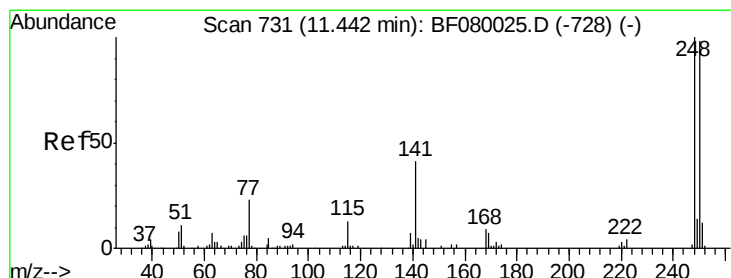
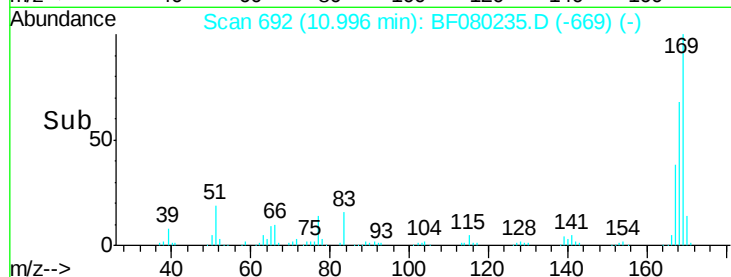
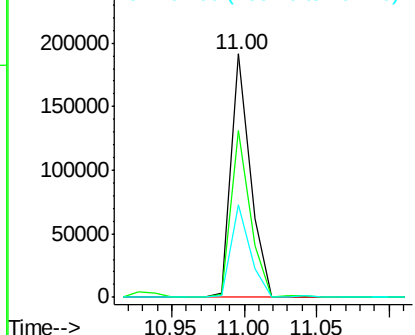
#65
 n-Nitrosodiphenylamine
 Concen: 40.26 ng
 RT: 11.00 min Scan# 692
 Delta R.T. -0.03 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84280BS

Tgt Ion:169 Resp: 176140
 Ion Ratio Lower Upper
 169 100
 168 68.5 48.9 73.3
 167 37.8 26.2 39.4

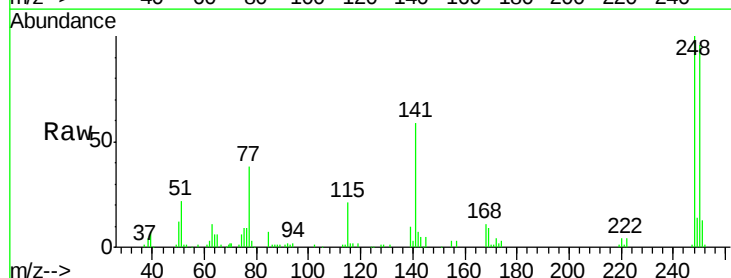


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

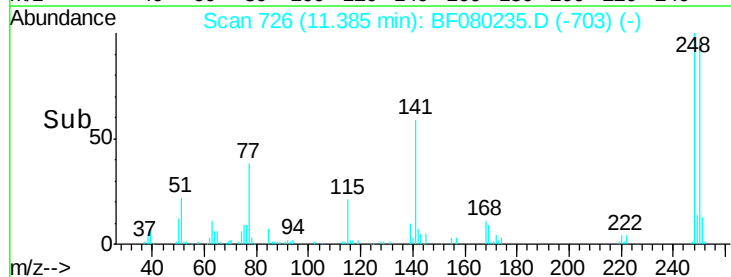
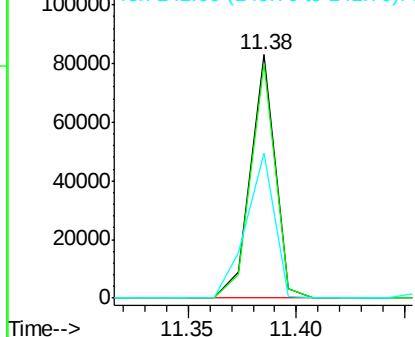


#66
 4-Bromophenyl-phenylether
 Concen: 45.55 ng
 RT: 11.38 min Scan# 726
 Delta R.T. -0.03 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Tgt Ion:248 Resp: 65069
 Ion Ratio Lower Upper
 248 100
 250 96.4 78.5 117.7
 141 59.4 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

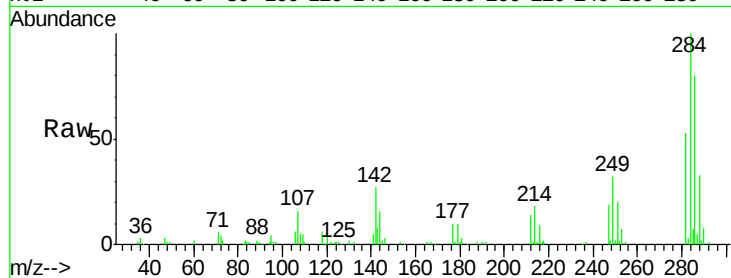




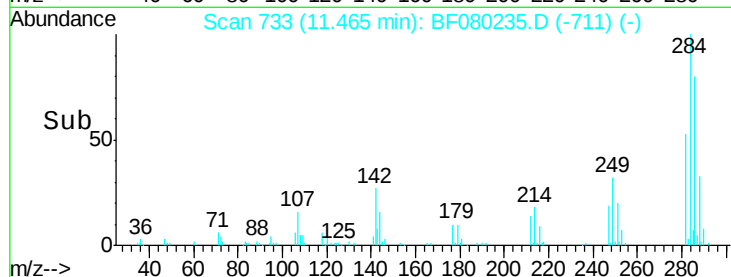
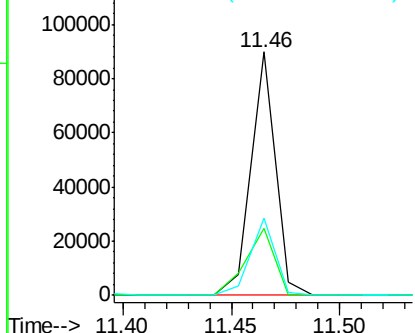
#67
Hexachlorobenzene
Concen: 44.41 ng
RT: 11.46 min Scan# 733
Delta R.T. -0.05 min
Lab File: BF080235.D
Acq: 30 Jun 2015 14:41

Instrument :
BNA_F
ClientSampleId :
PB84280BS

Tgt Ion:284 Resp: 70509
Ion Ratio Lower Upper
284 100
142 27.5 29.5 44.3#
249 31.9 19.5 29.3#

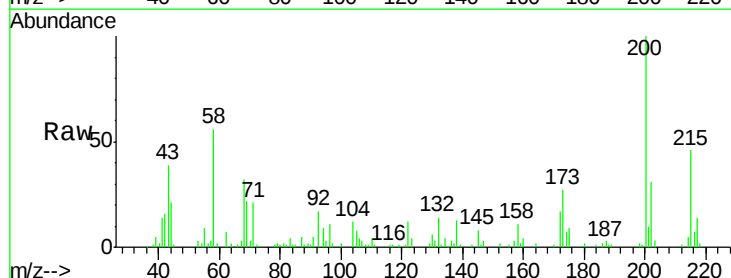


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

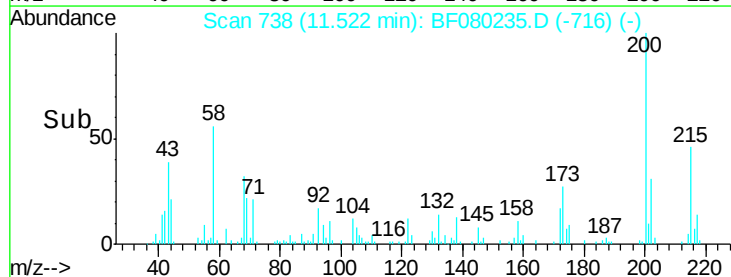
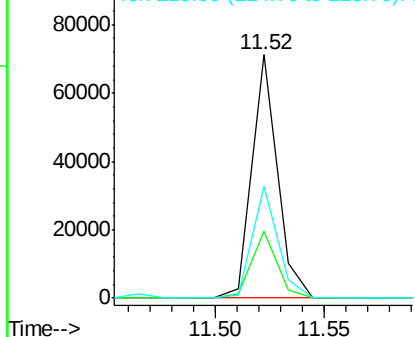


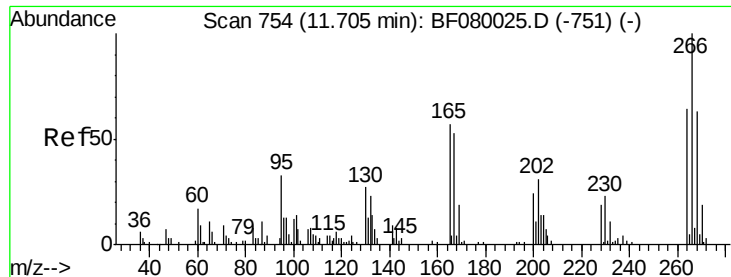
#68
Atrazine
Concen: 41.78 ng
RT: 11.52 min Scan# 738
Delta R.T. -0.05 min
Lab File: BF080235.D
Acq: 30 Jun 2015 14:41

Tgt Ion:200 Resp: 57743
Ion Ratio Lower Upper
200 100
173 27.5 13.2 53.2
215 45.9 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

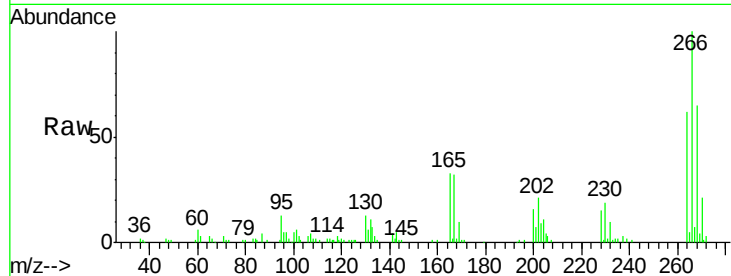




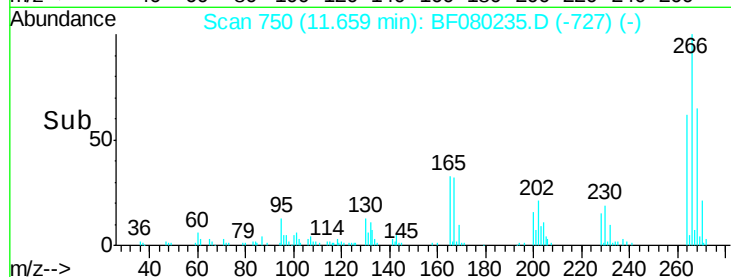
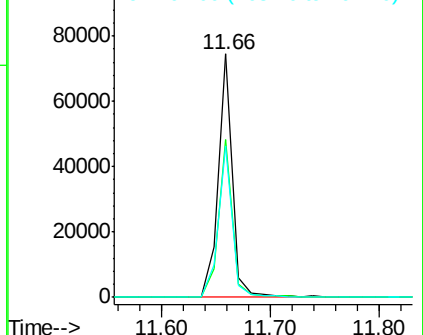
#69
 Pentachlorophenol
 Concen: 75.88 ng
 RT: 11.66 min Scan# 750
 Delta R.T. -0.03 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84280BS

Tgt Ion:266 Resp: 68271
 Ion Ratio Lower Upper
 266 100
 268 65.0 49.8 74.6
 264 62.2 50.2 75.2

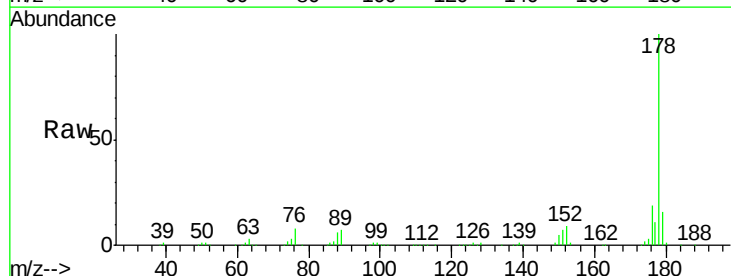


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

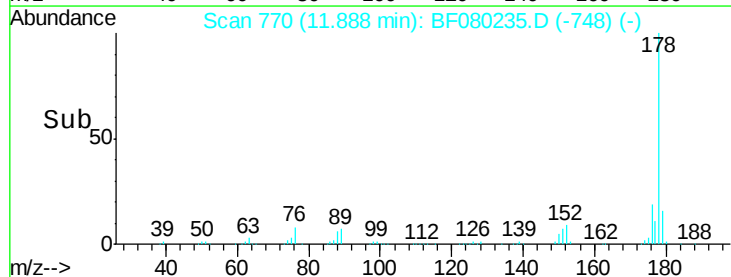
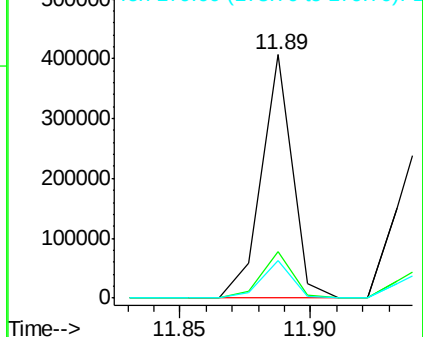


#70
 Phenanthrene
 Concen: 41.27 ng
 RT: 11.89 min Scan# 770
 Delta R.T. -0.05 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Tgt Ion:178 Resp: 335698
 Ion Ratio Lower Upper
 178 100
 176 19.3 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

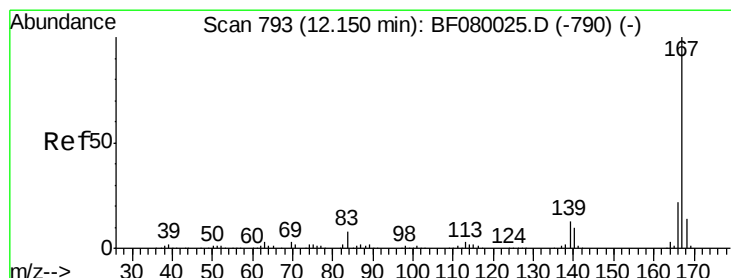
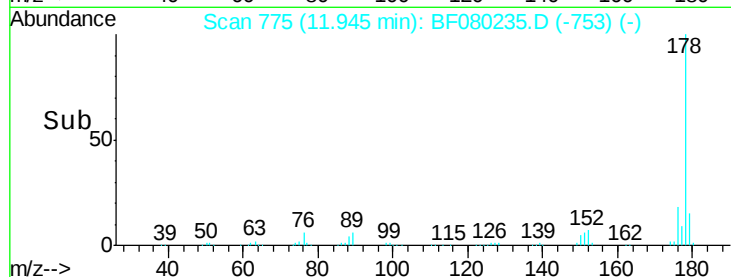
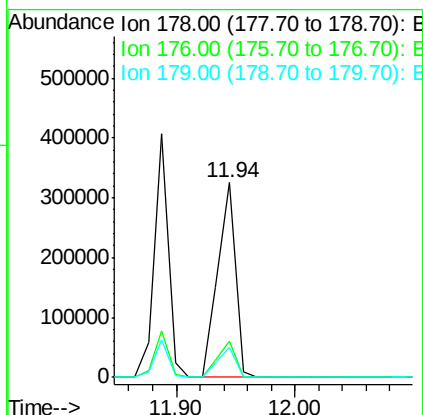
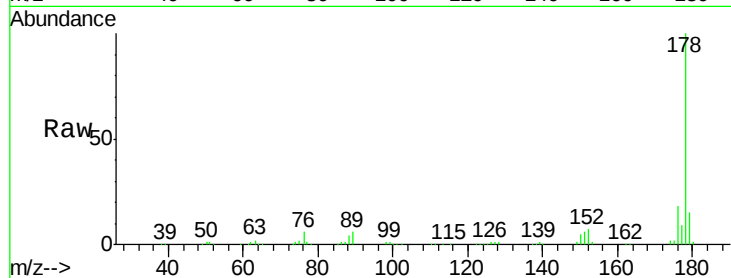




#71
 Anthracene
 Concen: 42.92 ng
 RT: 11.94 min Scan# 775
 Delta R.T. -0.05 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

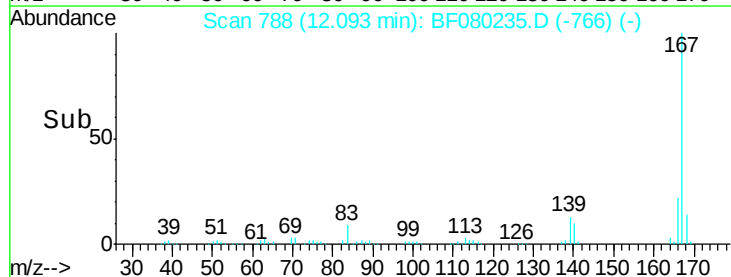
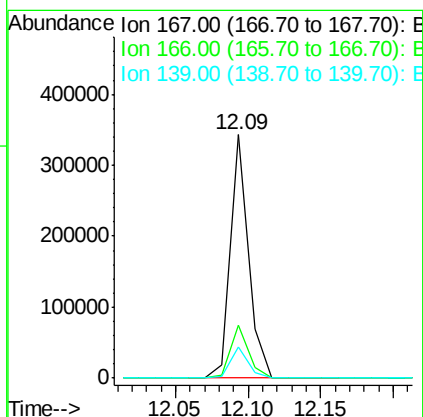
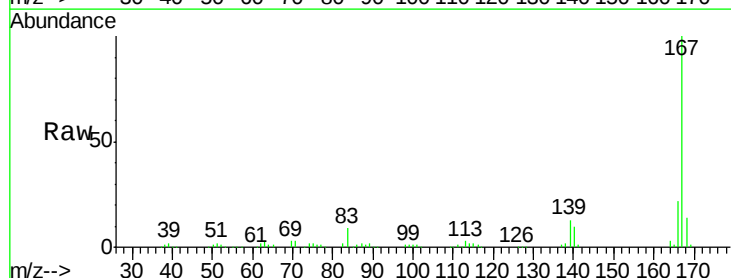
Instrument :
 BNA_F
 ClientSampleId :
 PB84280BS

Tgt Ion:178 Resp: 336121
 Ion Ratio Lower Upper
 178 100
 176 18.3 14.1 21.1
 179 15.0 12.2 18.2



#72
 Carbazole
 Concen: 39.71 ng
 RT: 12.09 min Scan# 788
 Delta R.T. -0.05 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Tgt Ion:167 Resp: 296921
 Ion Ratio Lower Upper
 167 100
 166 21.7 15.7 23.5
 139 12.9 9.5 14.3





#73

Di-n-butylphthalate

Concen: 40.21 ng

RT: 12.44 min Scan# 818

Delta R.T. -0.05 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Instrument :

BNA_F

ClientSampleId :

PB84280BS

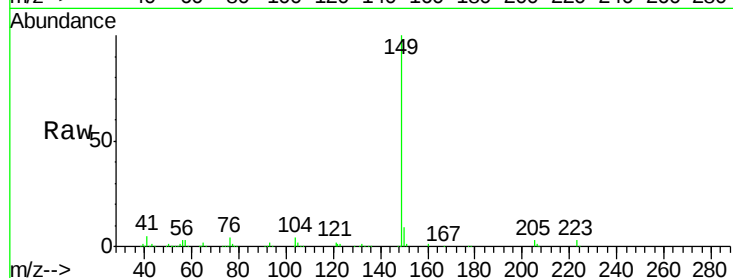
Tgt Ion:149 Resp: 347380

Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.2

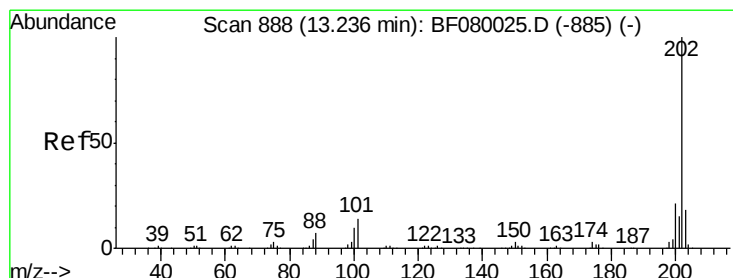
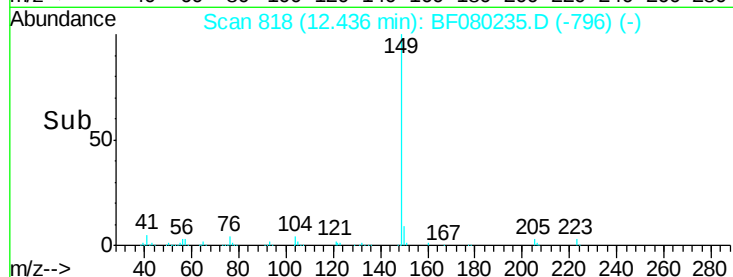
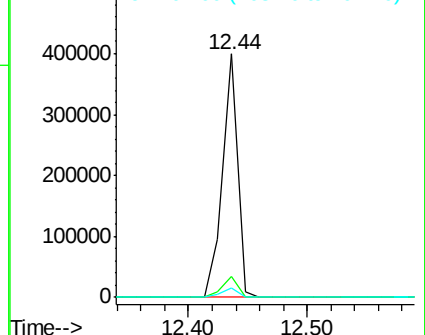
104 4.1 2.4 3.6#



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: 40.13 ng

RT: 13.18 min Scan# 883

Delta R.T. -0.07 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

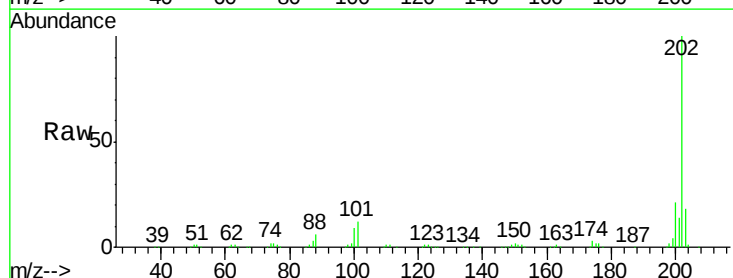
Tgt Ion:202 Resp: 347606

Ion Ratio Lower Upper

202 100

101 12.4 0.0 38.3

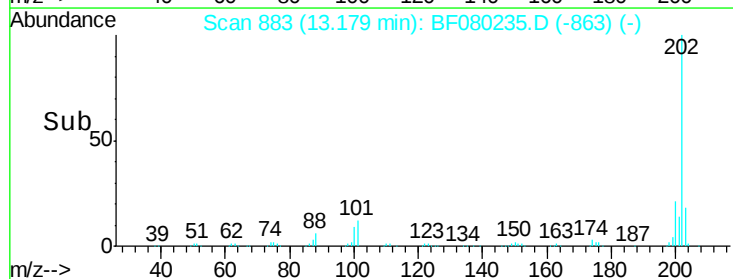
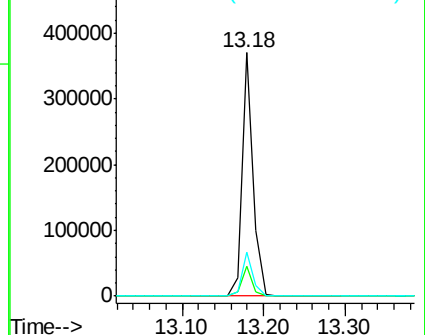
203 17.8 0.0 37.3

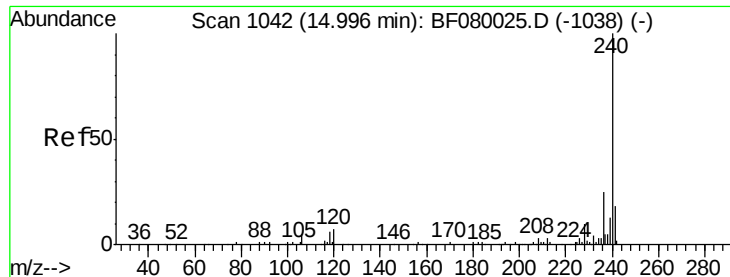


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.94 min Scan# 1037

Delta R.T. -0.06 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Instrument :

BNA_F

ClientSampleId :

PB84280BS

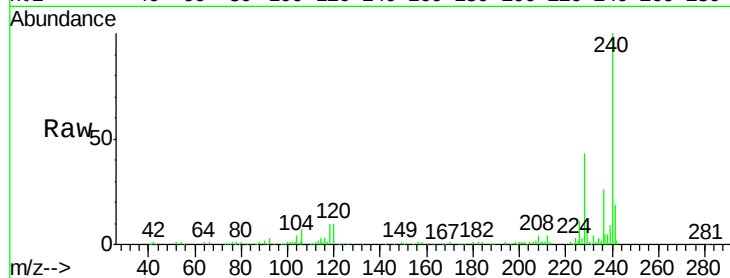
Tgt Ion:240 Resp: 141446

Ion Ratio Lower Upper

240 100

120 10.5 16.2 24.2#

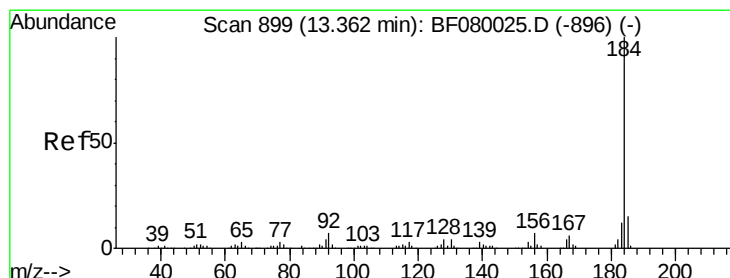
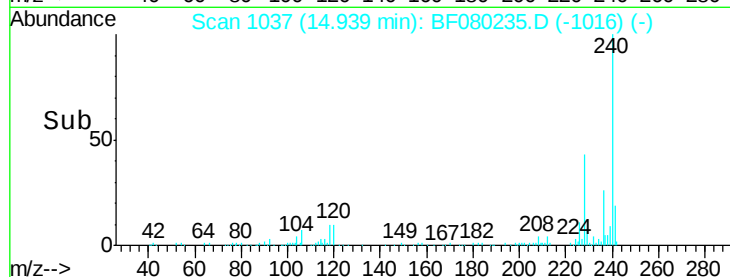
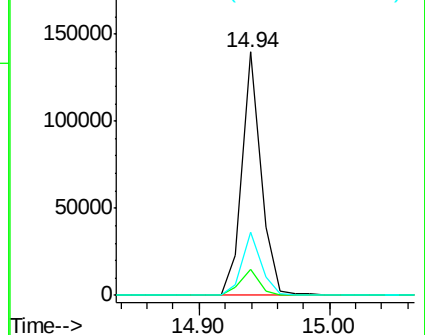
236 25.7 18.4 27.6



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: 50.92 ng

RT: 13.30 min Scan# 894

Delta R.T. -0.06 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

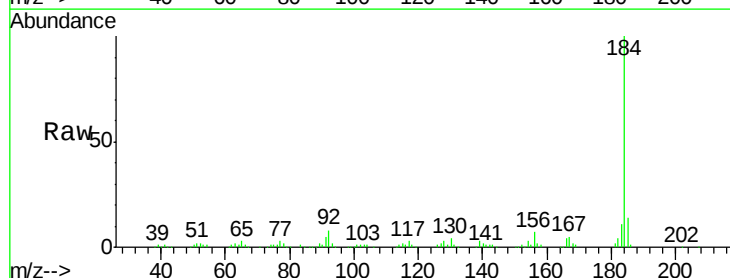
Tgt Ion:184 Resp: 201311

Ion Ratio Lower Upper

184 100

185 14.2 11.8 17.6

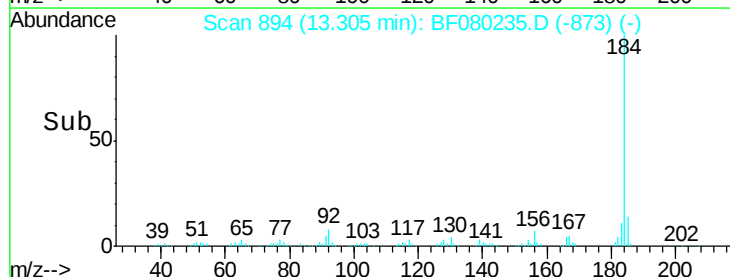
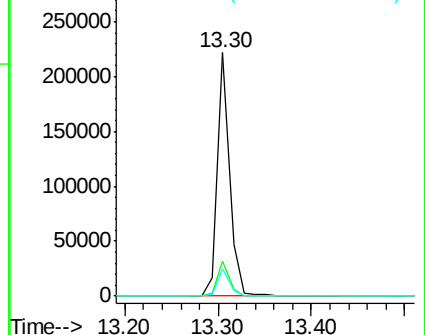
183 11.2 7.6 11.4



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

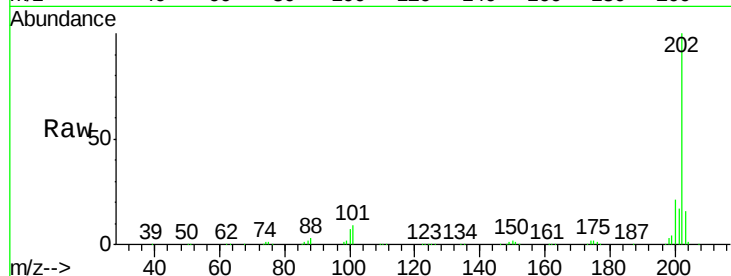




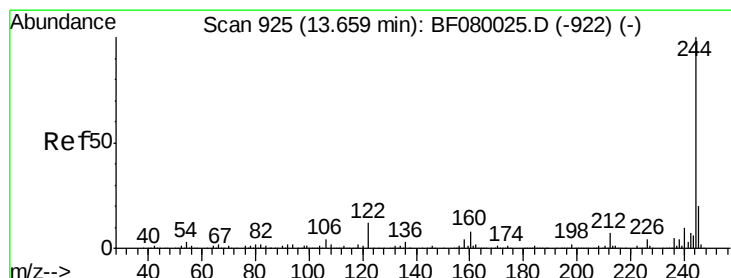
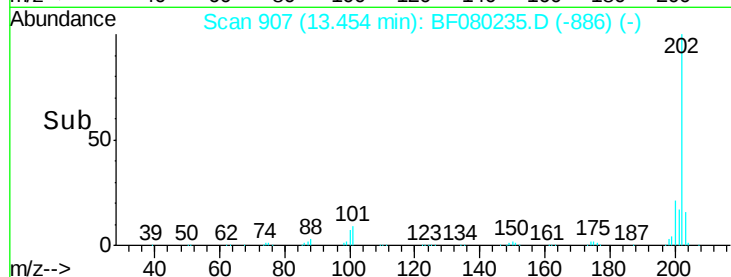
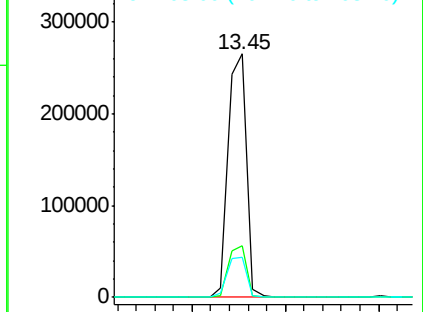
#77
 Pyrene
 Concen: 42.02 ng
 RT: 13.45 min Scan# 907
 Delta R.T. -0.06 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84280BS

Tgt Ion: 202 Resp: 365904
 Ion Ratio Lower Upper
 202 100
 200 21.2 15.0 22.4
 203 16.4 14.1 21.1

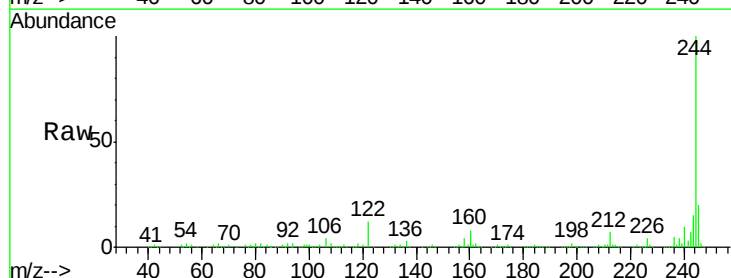


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

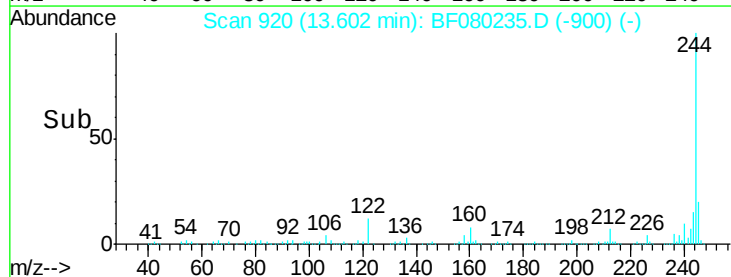
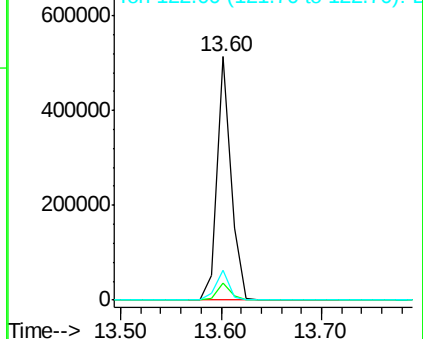


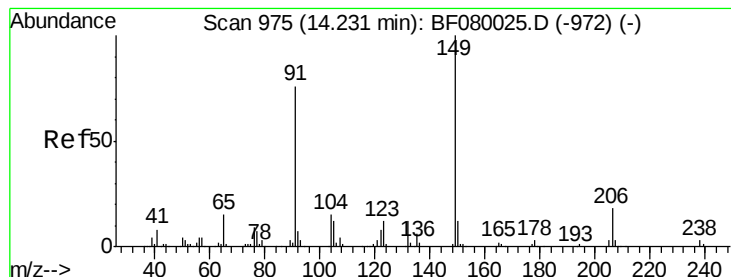
#78
 Terphenyl-d14
 Concen: 81.92 ng
 RT: 13.60 min Scan# 920
 Delta R.T. -0.07 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Tgt Ion: 244 Resp: 496118
 Ion Ratio Lower Upper
 244 100
 212 7.0 4.3 6.5#
 122 12.2 17.4 26.2#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.30 ng

RT: 14.19 min Scan# 971

Delta R.T. -0.06 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Instrument :

BNA_F

ClientSampleId :

PB84280BS

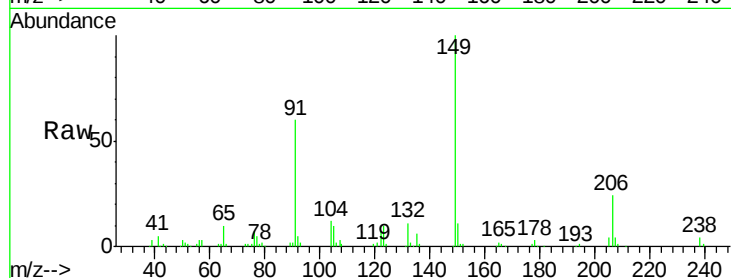
Tgt Ion:149 Resp: 144422

Ion Ratio Lower Upper

149 100

91 60.0 48.6 72.8

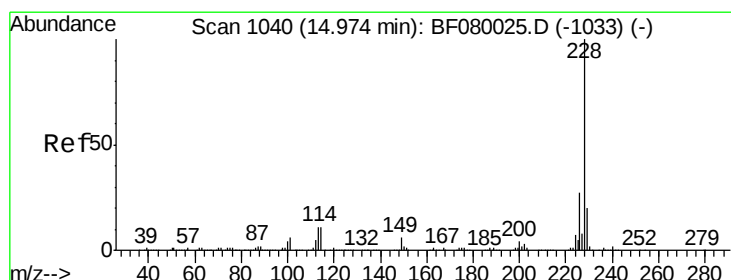
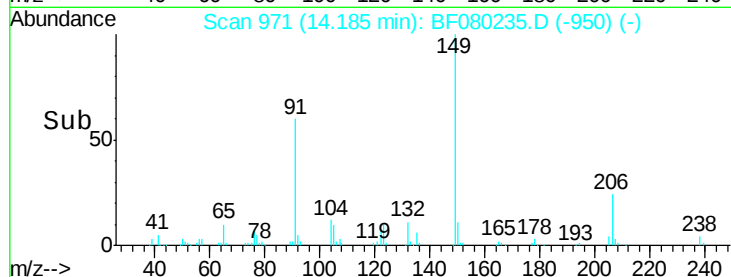
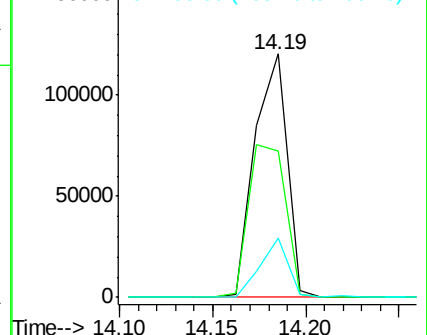
206 24.1 14.9 22.3#



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: 40.42 ng

RT: 14.93 min Scan# 1036

Delta R.T. -0.06 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

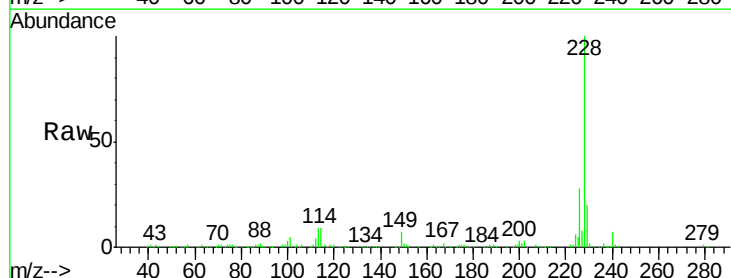
Tgt Ion:228 Resp: 348309

Ion Ratio Lower Upper

228 100

226 27.7 20.0 30.0

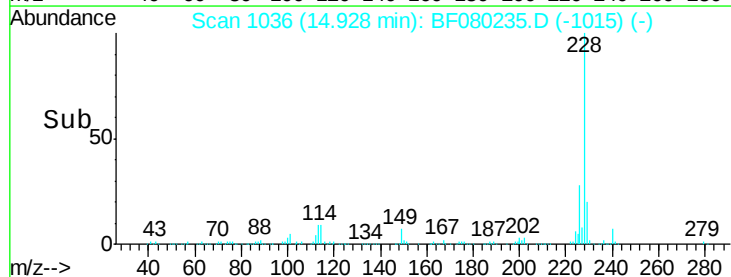
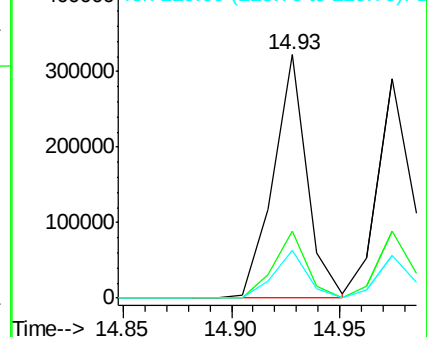
229 19.6 15.4 23.2



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

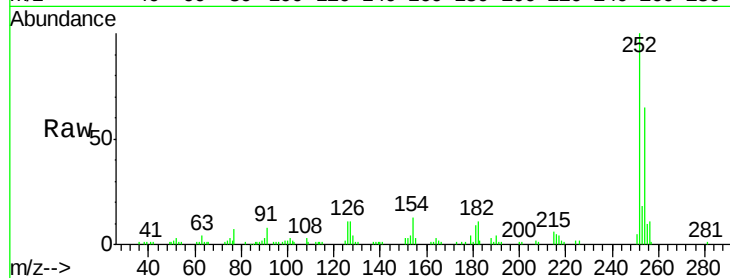




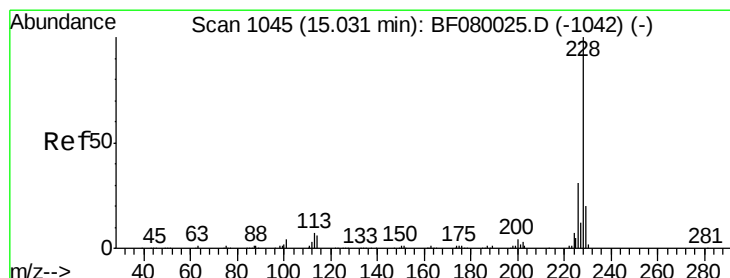
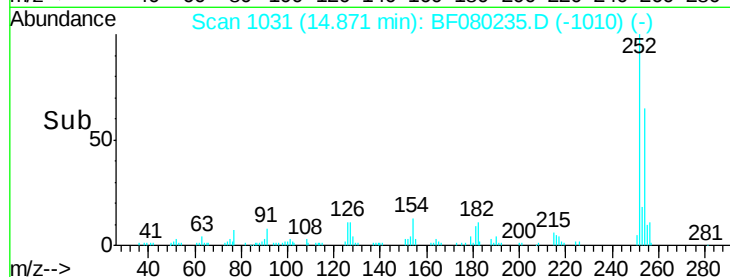
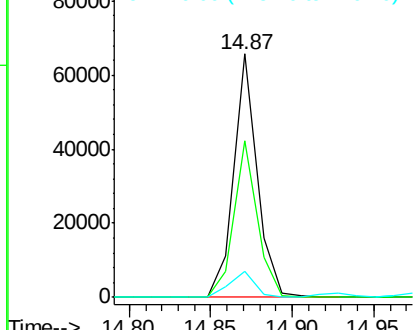
#81
 3,3'-Dichlorobenzidine
 Concen: 21.75 ng
 RT: 14.87 min Scan# 1031
 Delta R.T. -0.06 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB84280BS

Tgt Ion:252 Resp: 64649
 Ion Ratio Lower Upper
 252 100
 254 64.6 51.4 77.2
 126 10.9 16.4 24.6#

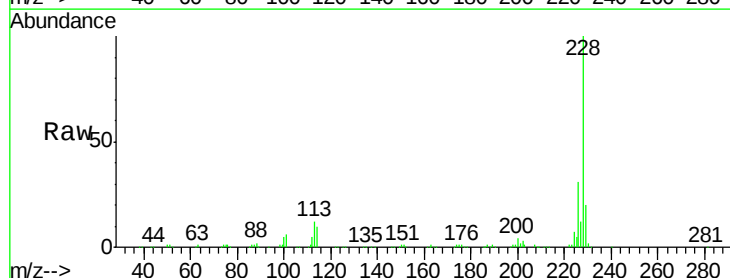


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

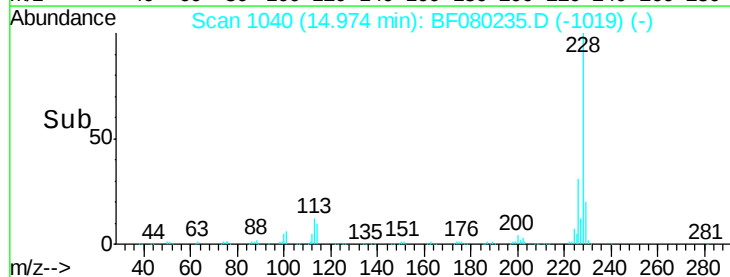
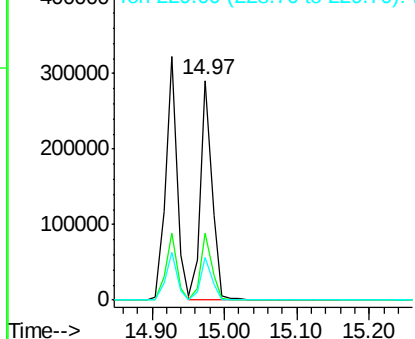


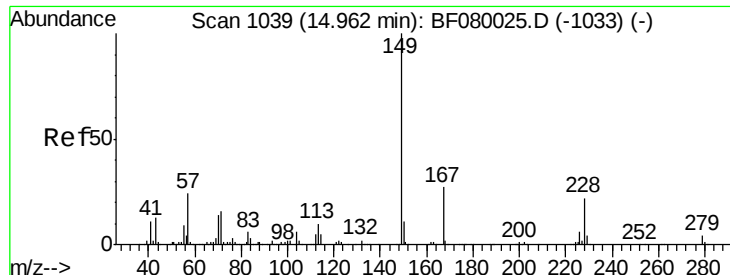
#82
 Chrysene
 Concen: 40.89 ng
 RT: 14.97 min Scan# 1040
 Delta R.T. -0.06 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Tgt Ion:228 Resp: 324919
 Ion Ratio Lower Upper
 228 100
 226 30.6 21.0 31.4
 229 19.5 15.6 23.4



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

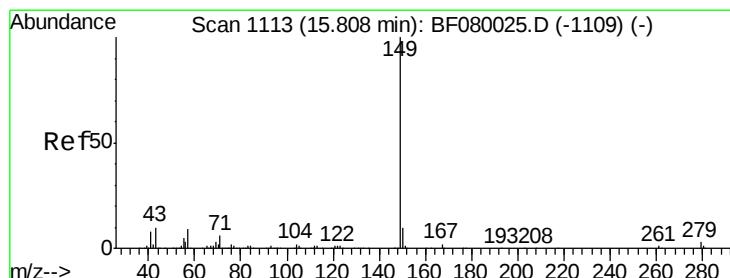
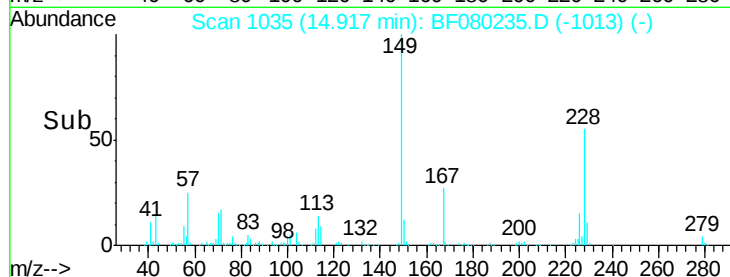
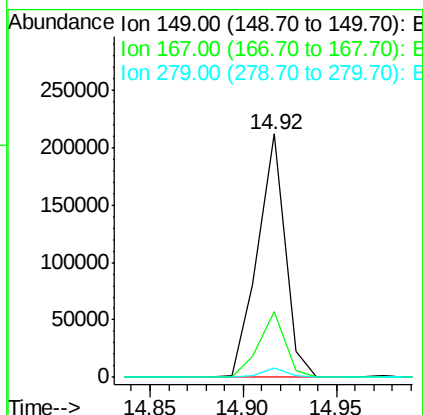
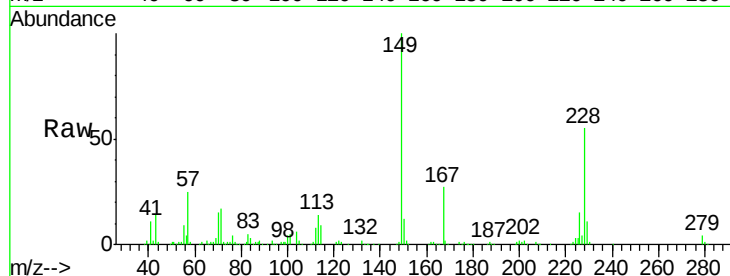




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.38 ng
 RT: 14.92 min Scan# 1035
 Delta R.T. -0.05 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

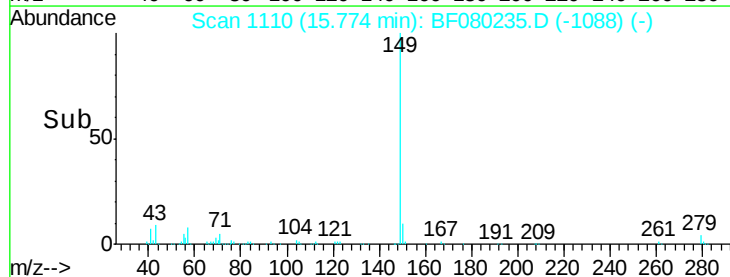
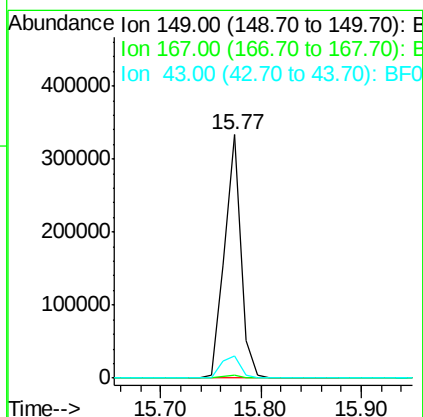
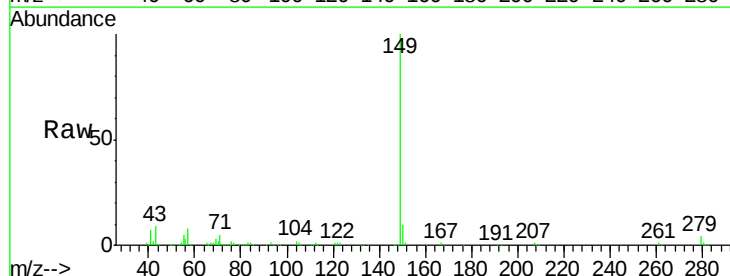
Instrument :
 BNA_F
 ClientSampleId :
 PB84280BS

Tgt Ion:149 Resp: 217641
 Ion Ratio Lower Upper
 149 100
 167 26.7 24.2 36.2
 279 3.6 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 39.87 ng
 RT: 15.77 min Scan# 1110
 Delta R.T. -0.05 min
 Lab File: BF080235.D
 Acq: 30 Jun 2015 14:41

Tgt Ion:149 Resp: 377659
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.0 1.6
 43 11.4 10.2 15.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.00 ng

RT: 18.72 min Scan# 1368

Delta R.T. -0.07 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Instrument :

BNA_F

ClientSampleId :

PB84280BS

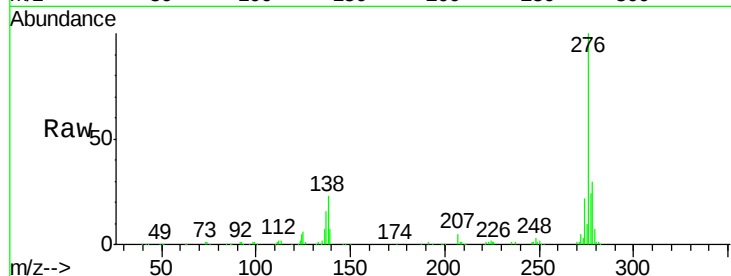
Tgt Ion:276 Resp: 380793

Ion Ratio Lower Upper

276 100

138 25.7 25.7 38.5

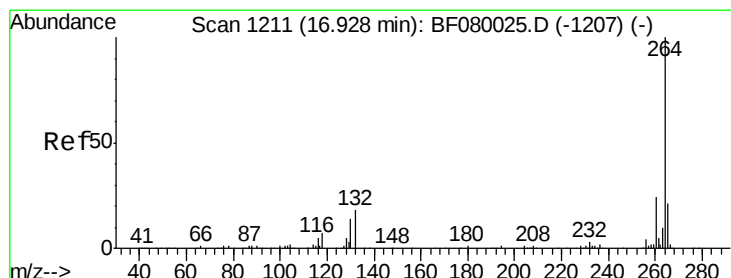
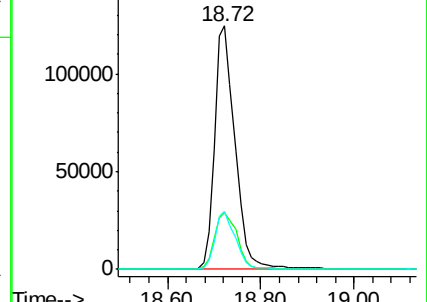
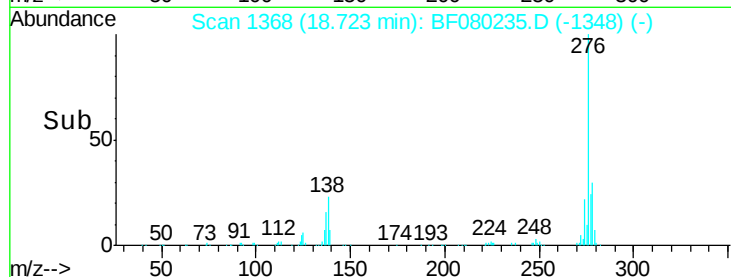
277 24.0 15.6 23.4#



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: 16.88 min Scan# 1207

Delta R.T. -0.05 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

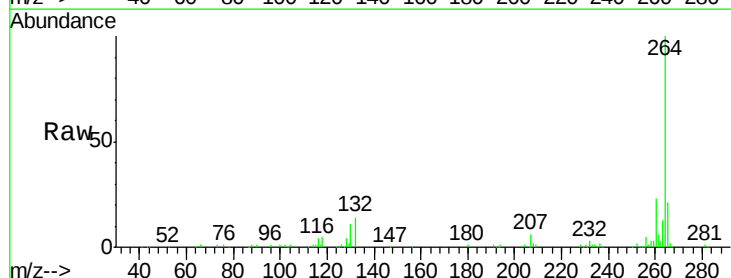
Tgt Ion:264 Resp: 136660

Ion Ratio Lower Upper

264 100

260 23.2 16.7 25.1

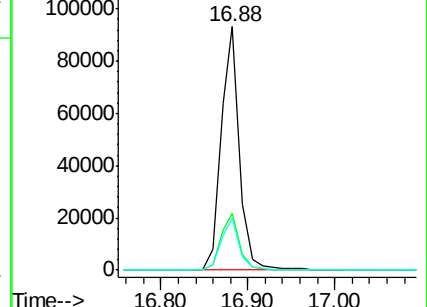
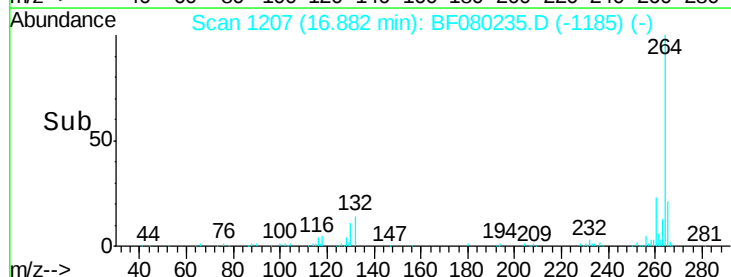
265 21.3 17.2 25.8



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: 39.92 ng

RT: 16.35 min Scan# 1160

Delta R.T. -0.05 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Instrument :

BNA_F

ClientSampleId :

PB84280BS

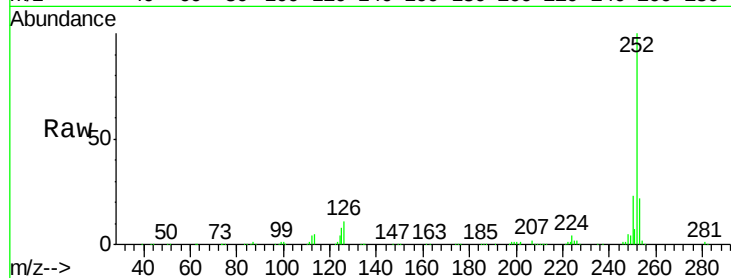
Tgt Ion:252 Resp: 330298

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

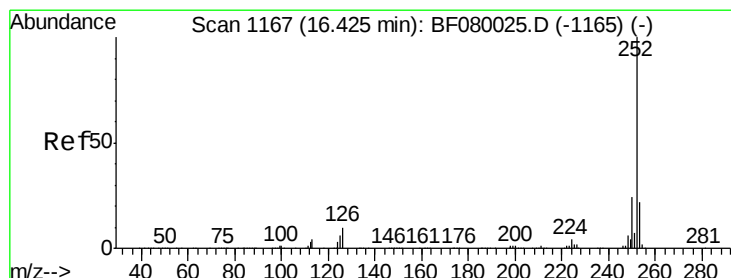
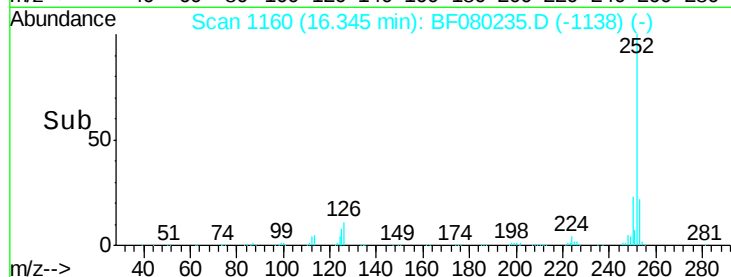
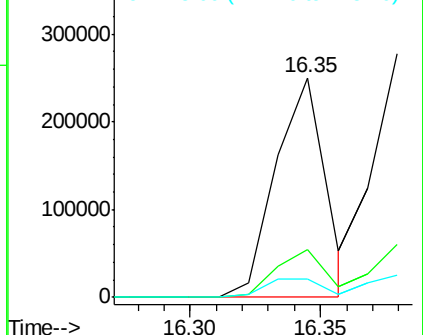
125 8.1 17.1 25.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.92 ng

RT: 16.38 min Scan# 1163

Delta R.T. -0.05 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

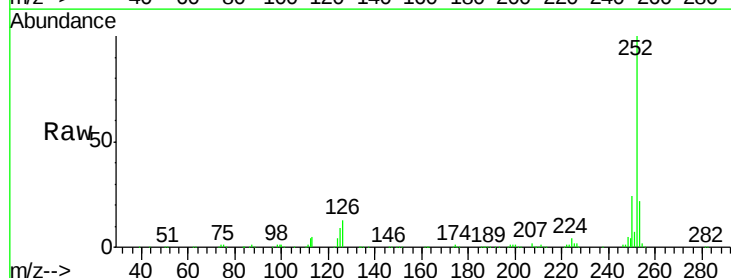
Tgt Ion:252 Resp: 344771

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.4

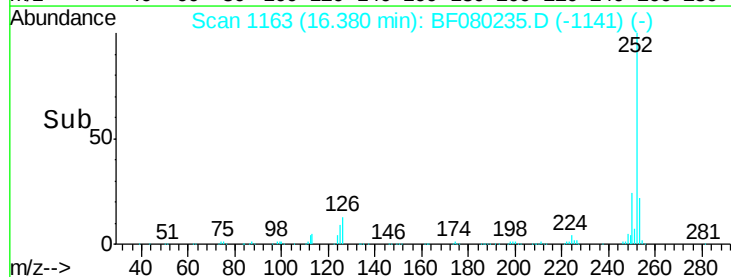
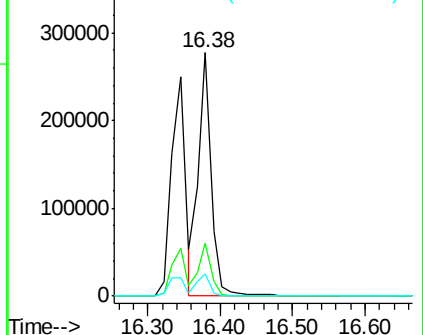
125 8.9 16.0 24.0#



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

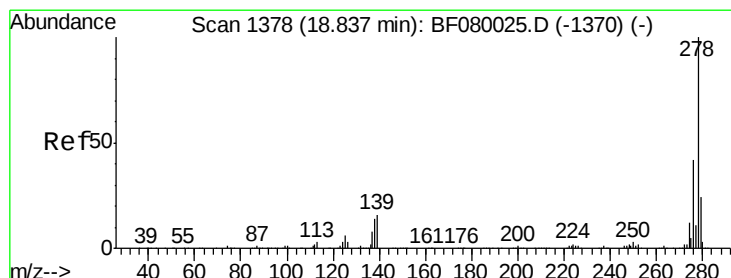
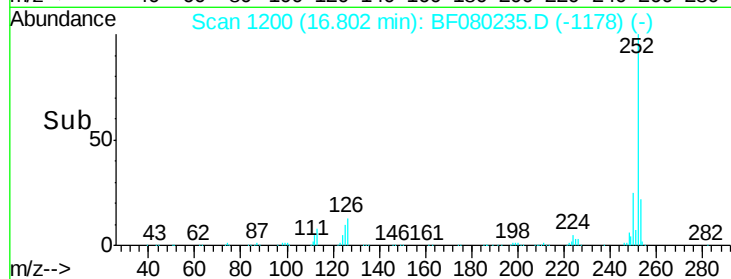
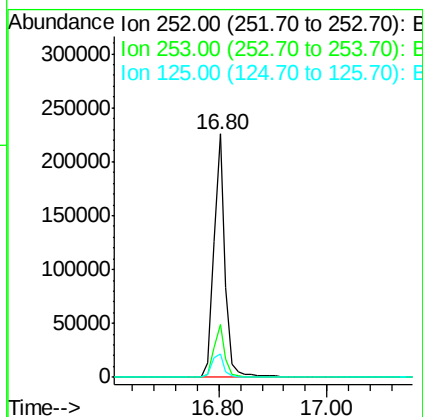
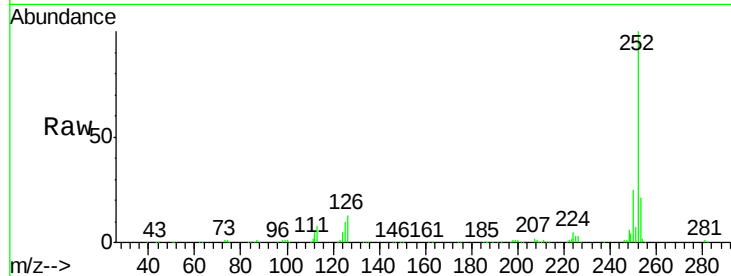




#89
Benzo(a)pyrene
Concen: 42.14 ng
RT: 16.80 min Scan# 1200
Delta R.T. -0.05 min
Lab File: BF080235.D
Acq: 30 Jun 2015 14:41

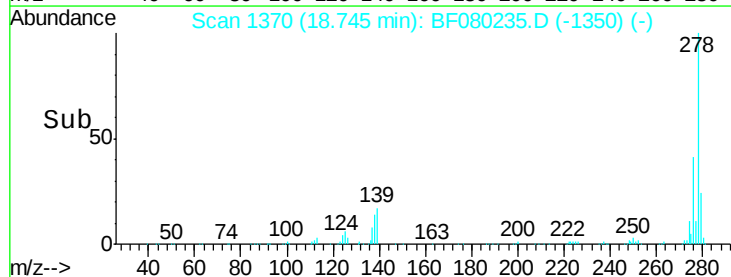
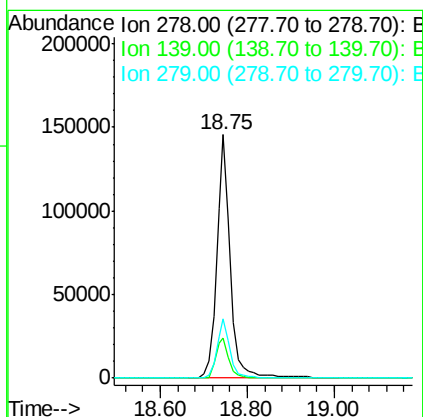
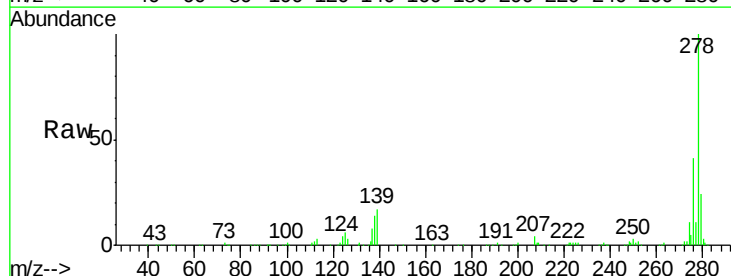
Instrument :
BNA_F
ClientSampleId :
PB84280BS

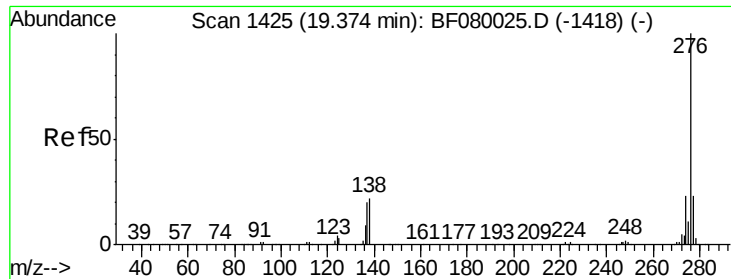
Tgt Ion: 252 Resp: 331092
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 9.7 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 39.68 ng
RT: 18.75 min Scan# 1370
Delta R.T. -0.07 min
Lab File: BF080235.D
Acq: 30 Jun 2015 14:41

Tgt Ion: 278 Resp: 319103
Ion Ratio Lower Upper
278 100
139 16.7 26.3 39.5#
279 24.2 18.2 27.4





#91

Benzo(g,h,i)perylene

Concen: 39.58 ng

RT: 19.27 min Scan# 1416

Delta R.T. -0.08 min

Lab File: BF080235.D

Acq: 30 Jun 2015 14:41

Instrument :

BNA_F

ClientSampleId :

PB84280BS

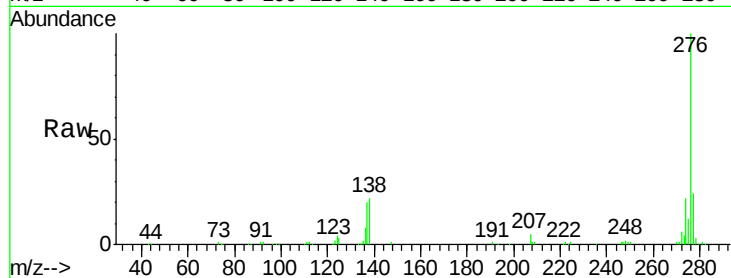
Tgt Ion: 276 Resp: 321435

Ion Ratio Lower Upper

276 100

277 23.5 17.8 26.6

138 21.8 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

