

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
 Data File : BF080090.D
 Acq On : 20 Jun 2015 9:21
 Operator : TP/IZ
 Sample : PB84072BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BSD

Quant Time: Jun 22 00:58:01 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 16:41:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	44714	20.00	ng	-0.01
21) Naphthalene-d8	8.62	136	182183	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	97130	20.00	ng	-0.01
63) Phenanthrene-d10	11.90	188	201184	20.00	ng	-0.01
75) Chrysene-d12	14.89	240	212991	20.00	ng	0.03
86) Perylene-d12	16.79	264	205614	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.94	112	374481	148.25	ng	0.00
7) Phenol-d6	6.94	99	490028	145.78	ng	0.00
23) Nitrobenzene-d5	7.89	82	295382	94.39	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	140132	147.54	ng	-0.01
44) 2-Fluorobiphenyl	9.70	172	575565	84.51	ng	0.00
78) Terphenyl-d14	13.60	244	751125	82.36	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.24	88	38309	31.91	ng	88
3) Pyridine	4.04	79	134219	42.03	ng	# 80
4) n-Nitrosodimethylamine	3.94	42	64785	42.69	ng	89
6) Aniline	6.98	93	114101	24.67	ng	91
8) 2-Chlorophenol	7.11	128	126675	43.39	ng	# 81
9) Benzaldehyde	6.88	77	59731	30.78	ng	89
10) Phenol	6.95	94	170635	46.52	ng	86
11) bis(2-Chloroethyl)ether	7.05	93	123214	42.34	ng	87
12) 1,3-Dichlorobenzene	7.28	146	137682	39.26	ng	96
13) 1,4-Dichlorobenzene	7.28	146	137682	41.28	ng	97
14) 1,2-Dichlorobenzene	7.51	146	141014	43.45	ng	99
15) Benzyl Alcohol	7.45	79	114177	41.54	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	7.60	45	209233	48.44	ng	84
17) 2-Methylphenol	7.57	107	102343	41.04	ng	# 90
18) Hexachloroethane	7.85	117	49032	44.15	ng	89
19) n-Nitroso-di-n-propylamine	7.73	70	97191	41.65	ng	# 77
20) 3+4-Methylphenols	7.72	107	146088	45.39	ng	92
22) Acetophenone	7.73	105	184585	43.48	ng	# 80
24) Nitrobenzene	7.91	77	142064	43.98	ng	# 76
25) Isophorone	8.14	82	254218	40.36	ng	# 82
26) 2-Nitrophenol	8.23	139	67681	50.06	ng	# 74
27) 2,4-Dimethylphenol	8.25	122	130590	46.32	ng	87
28) bis(2-Chloroethoxy)methane	8.34	93	159359	43.07	ng	# 92
29) 2,4-Dichlorophenol	8.47	162	124263	51.47	ng	99
30) 1,2,4-Trichlorobenzene	8.56	180	126739	46.23	ng	98
31) Naphthalene	8.64	128	377647	39.65	ng	98
32) Benzoic acid	8.31	122	66758	39.17	ng	# 59
33) 4-Chloroaniline	8.68	127	79150	19.42	ng	# 85
34) Hexachlorobutadiene	8.77	225	70120	41.53	ng	99
35) Caprolactam	9.02	113	34438	43.95	ng	# 82
36) 4-Chloro-3-methylphenol	9.16	107	113895	41.82	ng	95
37) 2-Methylnaphthalene	9.34	142	283797	46.06	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.51	216	134784	47.69	ng	99
40) Hexachlorocyclopentadiene	9.50	237	102804	71.41	ng	96

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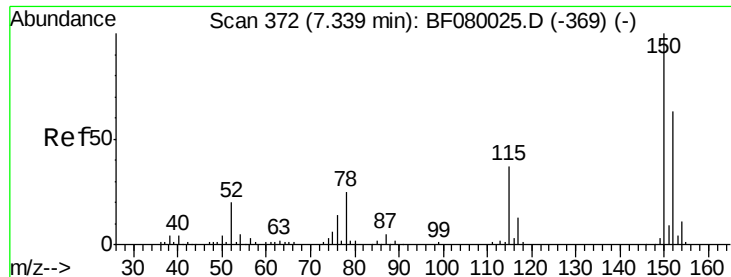
Instrument :
 BNA_F
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Quant Time: Jun 22 00:58:01 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.61	196	88885	46.22	ng	100
43) 2,4,5-Trichlorophenol	9.65	196	88654	40.01	ng #	86
45) 1,1'-Biphenyl	9.81	154	322978	40.87	ng	96
46) 2-Chloronaphthalene	9.83	162	253064	39.47	ng #	93
47) 2-Nitroaniline	9.92	65	73476	41.74	ng	93
48) Acenaphthylene	10.25	152	429659	40.15	ng	97
49) Dimethylphthalate	10.09	163	311885	42.71	ng #	97
50) 2,6-Dinitrotoluene	10.15	165	60476	41.31	ng #	35
51) Acenaphthene	10.42	154	266484	40.70	ng	93
52) 3-Nitroaniline	10.32	138	49304	29.19	ng #	52
53) 2,4-Dinitrophenol	10.44	184	49840	83.38	ng #	1
54) Dibenzofuran	10.60	168	375571	40.43	ng #	85
55) 4-Nitrophenol	10.47	139	119476	88.50	ng #	51
56) 2,4-Dinitrotoluene	10.56	165	93111	50.12	ng #	82
57) Fluorene	10.95	166	318462	43.20	ng	91
58) 2,3,4,6-Tetrachlorophenol	10.71	232	75132	40.16	ng	99
59) Diethylphthalate	10.79	149	297229	40.42	ng	97
60) 4-Chlorophenyl-phenylether	10.93	204	142972	40.36	ng #	81
61) 4-Nitroaniline	10.94	138	66941	38.37	ng #	48
62) Azobenzene	11.09	77	299802	40.05	ng	85
64) 4,6-Dinitro-2-methylphenol	10.97	198	33773	36.75	ng	88
65) n-Nitrosodiphenylamine	11.04	169	264813	40.42	ng	92
66) 4-Bromophenyl-phenylether	11.43	248	94303	44.08	ng #	89
67) Hexachlorobenzene	11.51	284	101968	42.89	ng #	83
68) Atrazine	11.57	200	84066	40.62	ng	82
69) Pentachlorophenol	11.69	266	106042	78.71	ng	99
70) Phenanthrene	11.92	178	465450	38.21	ng	97
71) Anthracene	11.98	178	497613	42.43	ng	98
72) Carbazole	12.13	167	423209	37.80	ng	95
73) Di-n-butylphthalate	12.46	149	541614	41.87	ng #	98
74) Fluoranthene	13.19	202	506391	39.04	ng	96
76) Benzidine	13.32	184	337938	56.76	ng	98
77) Pyrene	13.45	202	520813	39.71	ng	96
79) Butylbenzylphthalate	14.15	149	229238	43.53	ng #	78
80) Benzo(a)anthracene	14.88	228	514318	39.64	ng	97
81) 3,3'-Dichlorobenzidine	14.83	252	175994	39.33	ng #	94
82) Chrysene	14.88	228	514318	42.98	ng	98
83) Bis(2-ethylhexyl)phthalate	14.86	149	350410	42.10	ng	96
84) Di-n-octyl phthalate	15.67	149	593306	41.60	ng	95
85) Indeno(1,2,3-cd)pyrene	18.65	276	561438	37.21	ng #	89
87) Benzo(b)fluoranthene	16.24	252	502105	40.33	ng #	89
88) Benzo(k)fluoranthene	16.29	252	497918	39.28	ng #	86
89) Benzo(a)pyrene	16.71	252	491782	41.60	ng #	87
90) Dibenzo(a,h)anthracene	18.68	278	477272	39.44	ng #	80
91) Benzo(g,h,i)perylene	19.21	276	476686	39.01	ng #	77

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

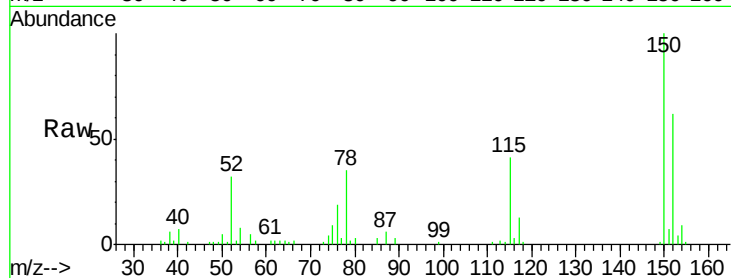


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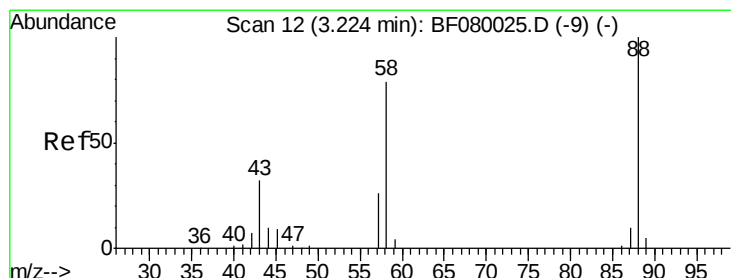
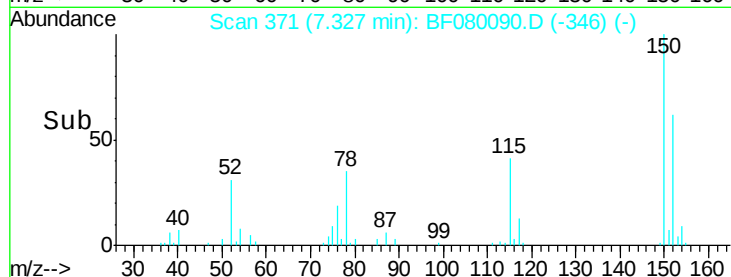
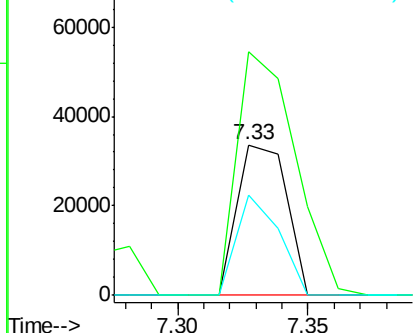
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.33 min Scan# 371
 Delta R.T. -0.01 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BSD

Tgt Ion:152 Resp: 44714
 Ion Ratio Lower Upper
 152 100
 150 161.6 124.7 187.1
 115 66.4 39.0 58.4#



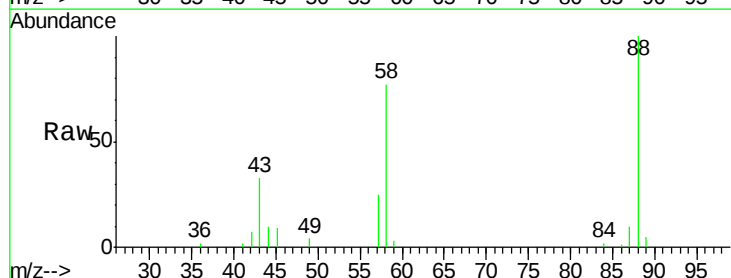
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



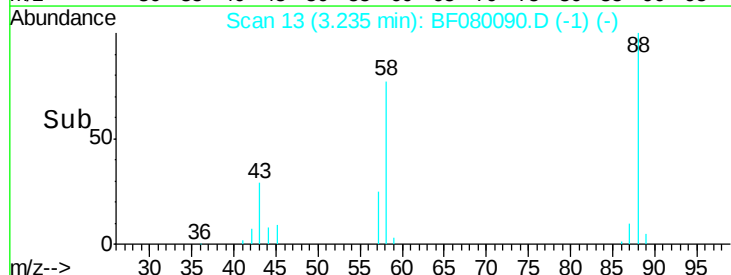
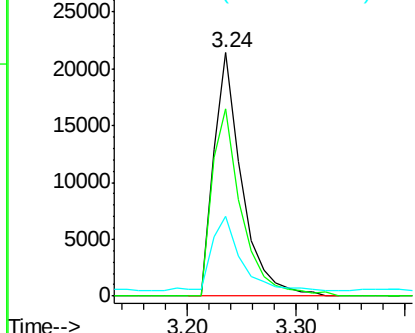
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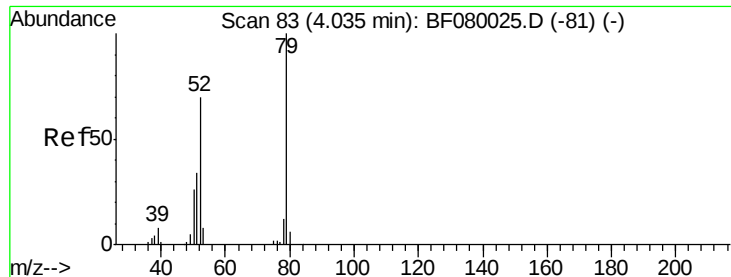
1,4-Dioxane
 Concen: 31.91 ng
 RT: 3.24 min Scan# 13
 Delta R.T. 0.01 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Tgt Ion: 88 Resp: 38309
 Ion Ratio Lower Upper
 88 100
 58 81.6 77.7 116.5
 43 32.0 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: 42.03 ng

RT: 4.04 min Scan# 83

Delta R.T. 0.01 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Instrument :

BNA_F

ClientSampleId :

PB84072BSD

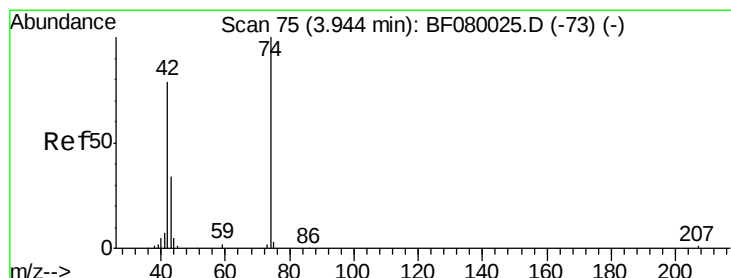
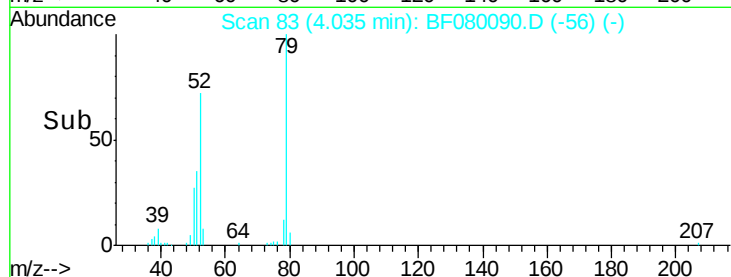
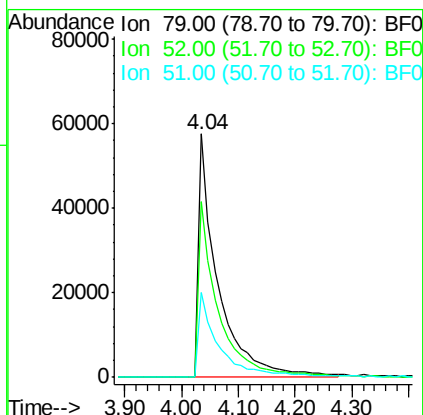
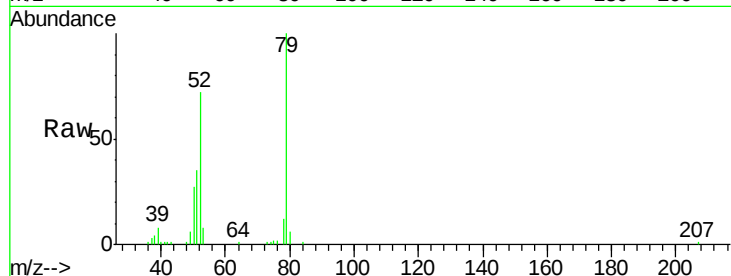
Tgt Ion: 79 Resp: 134219

Ion Ratio Lower Upper

79 100

52 72.3 76.8 115.2#

51 35.0 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 42.69 ng

RT: 3.94 min Scan# 75

Delta R.T. 0.00 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

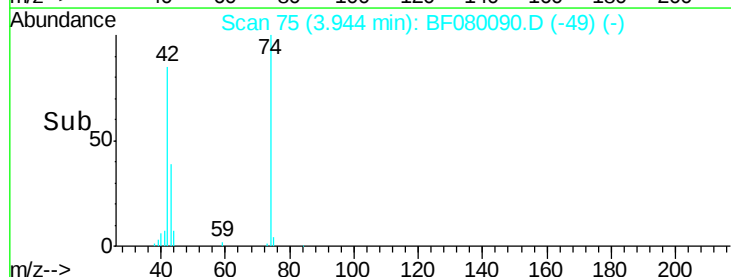
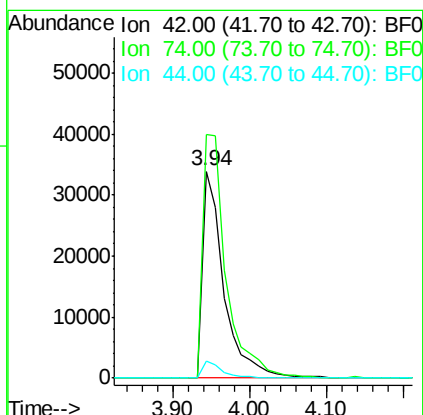
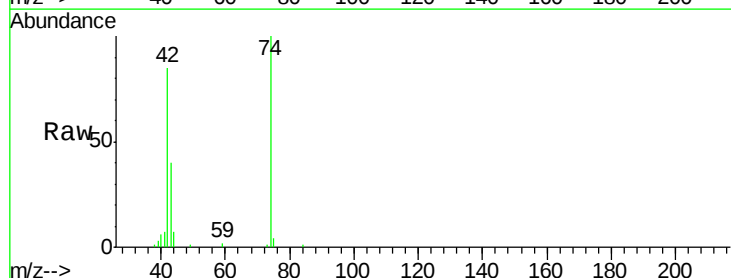
Tgt Ion: 42 Resp: 64785

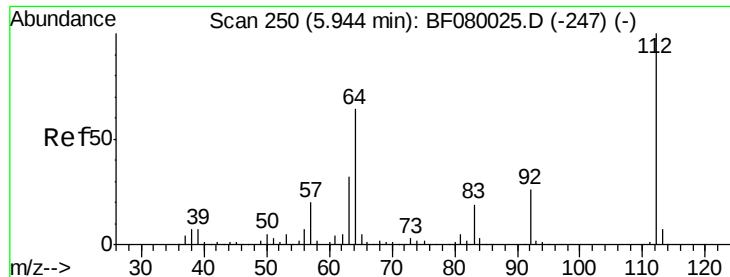
Ion Ratio Lower Upper

42 100

74 117.8 105.0 157.6

44 8.2 6.6 10.0





#5

2-Fluorophenol

Concen: 148.25 ng

RT: 5.94 min Scan# 250

Delta R.T. 0.00 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Instrument :

BNA_F

ClientSampleId :

PB84072BSD

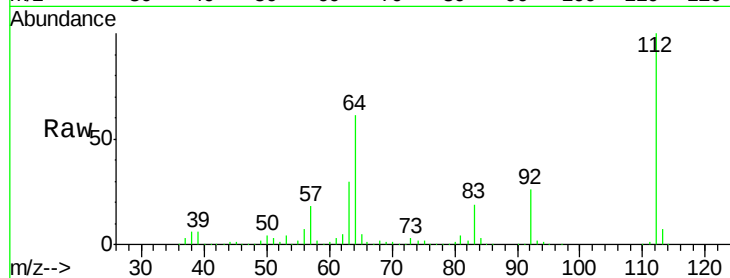
Tgt Ion: 112 Resp: 374481

Ion Ratio Lower Upper

112 100

64 60.5 39.7 59.5#

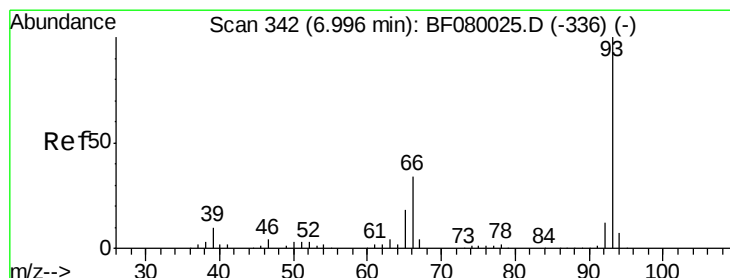
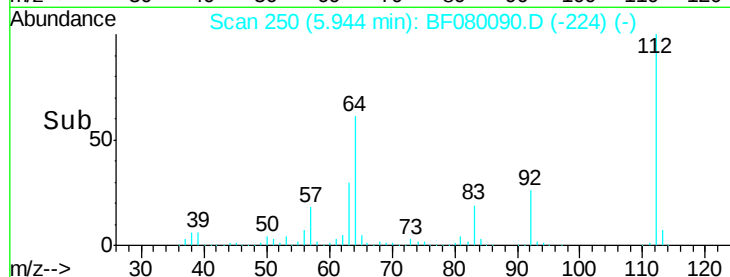
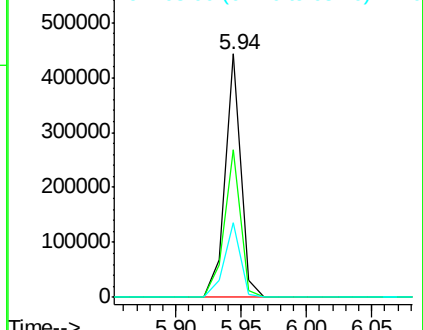
63 30.4 17.4 26.0#



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: 24.67 ng

RT: 6.98 min Scan# 341

Delta R.T. -0.01 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

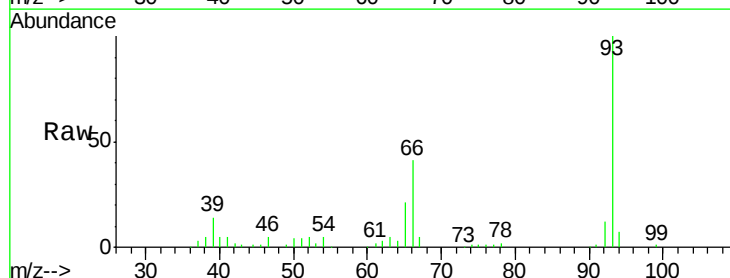
Tgt Ion: 93 Resp: 114101

Ion Ratio Lower Upper

93 100

66 40.6 27.2 40.8

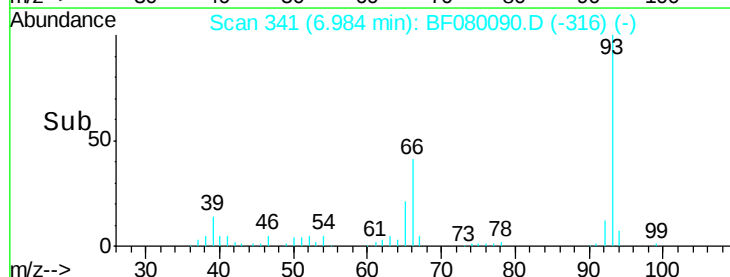
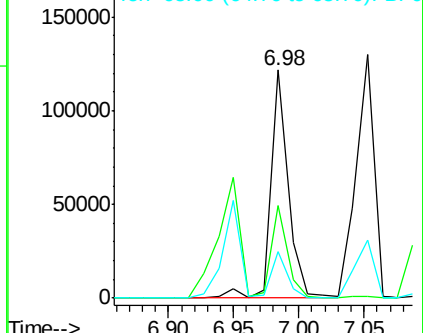
65 20.6 14.7 22.1

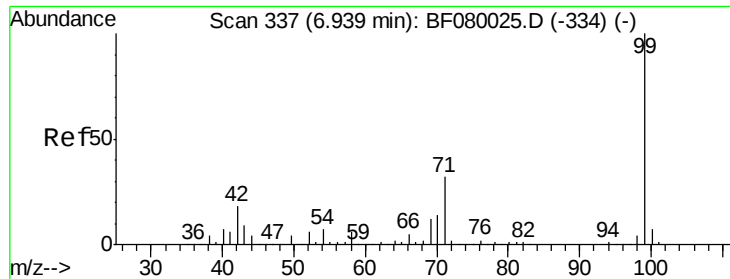


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 145.78 ng

RT: 6.94 min Scan# 337

Delta R.T. 0.00 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

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BNA_F

ClientSampleId :

PB84072BSD

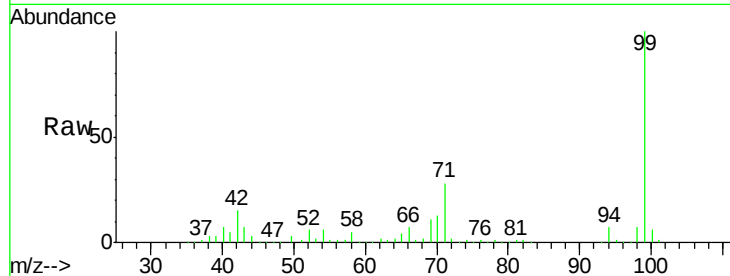
Tgt Ion: 99 Resp: 490028

Ion Ratio Lower Upper

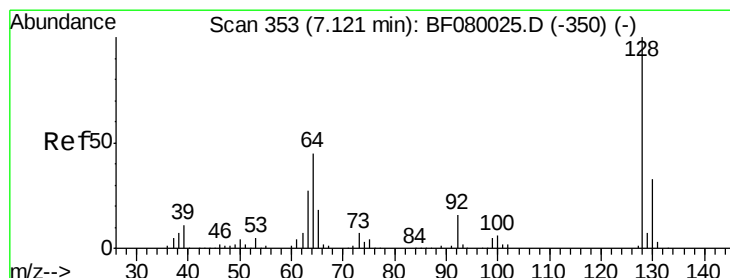
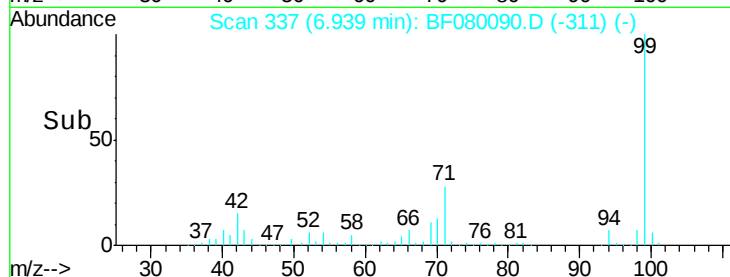
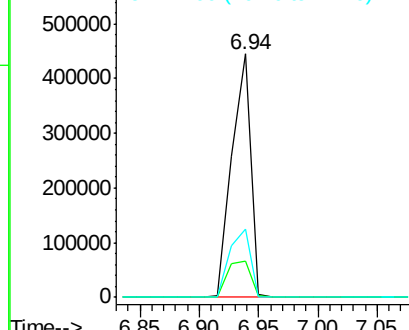
99 100

42 15.1 13.7 20.5

71 28.3 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: 43.39 ng

RT: 7.11 min Scan# 352

Delta R.T. -0.01 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

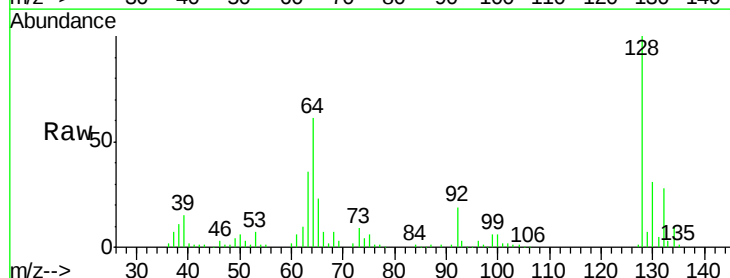
Tgt Ion: 128 Resp: 126675

Ion Ratio Lower Upper

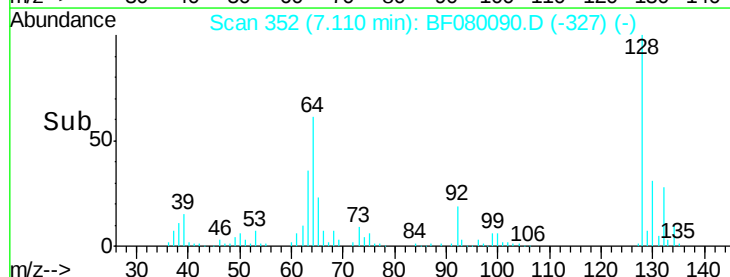
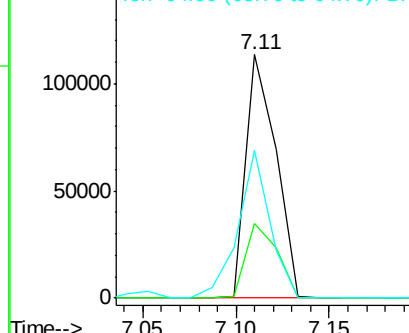
128 100

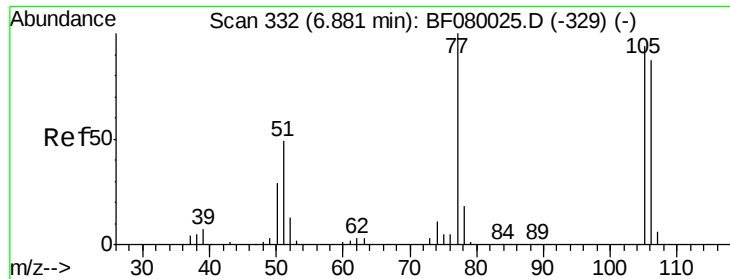
130 30.7 12.2 52.2

64 60.7 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: 30.78 ng

RT: 6.88 min Scan# 332

Delta R.T. 0.00 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Instrument :

BNA_F

ClientSampleId :

PB84072BSD

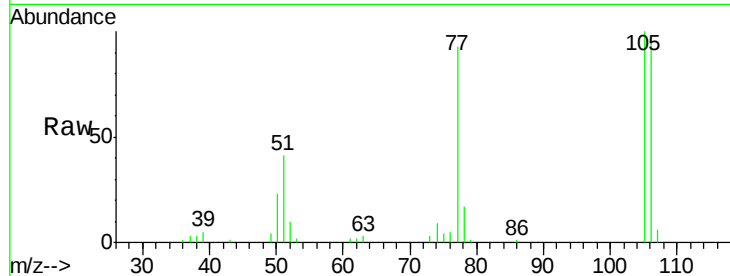
Tgt Ion: 77 Resp: 59731

Ion Ratio Lower Upper

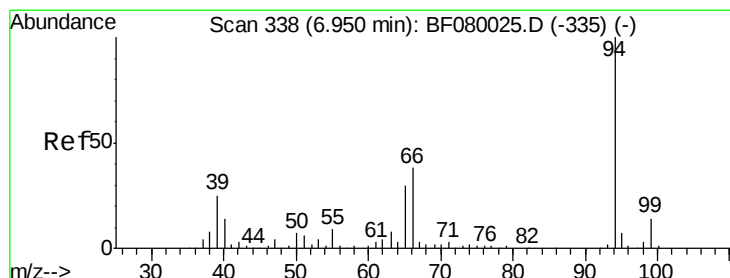
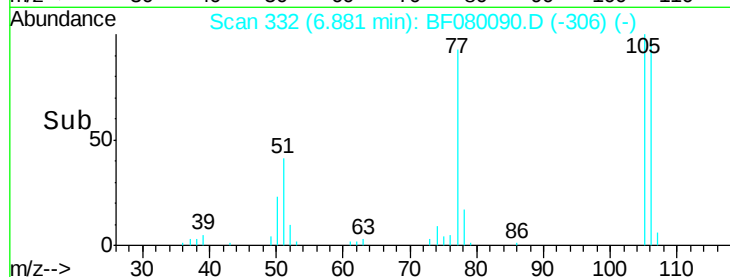
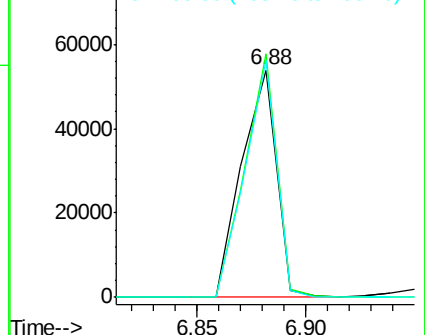
77 100

105 107.0 91.6 131.6

106 104.3 102.6 142.6



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: 46.52 ng

RT: 6.95 min Scan# 338

Delta R.T. -0.01 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

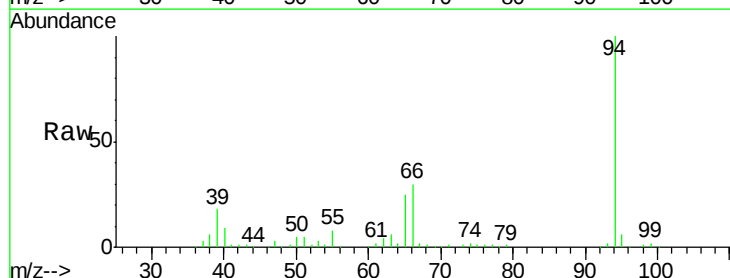
Tgt Ion: 94 Resp: 170635

Ion Ratio Lower Upper

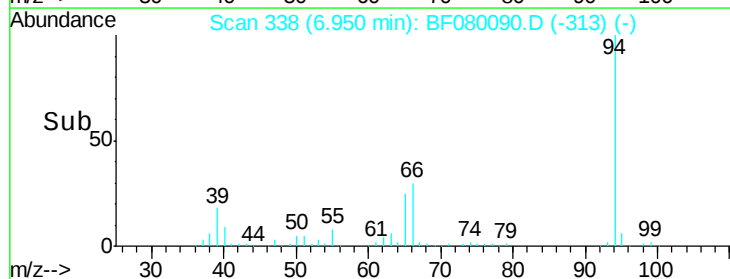
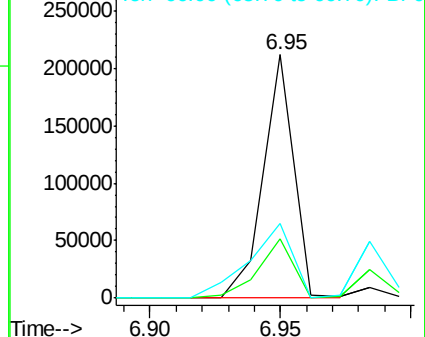
94 100

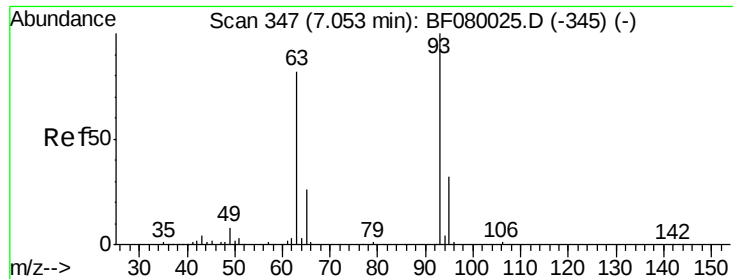
65 24.6 0.7 40.7

66 30.4 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

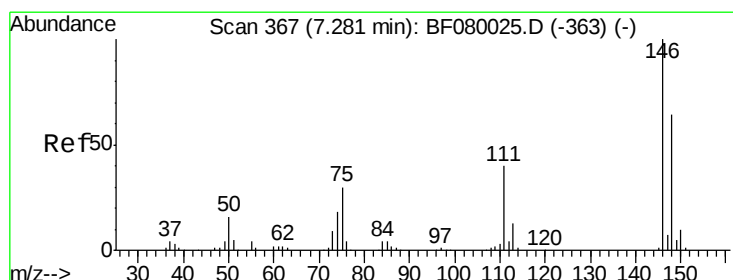
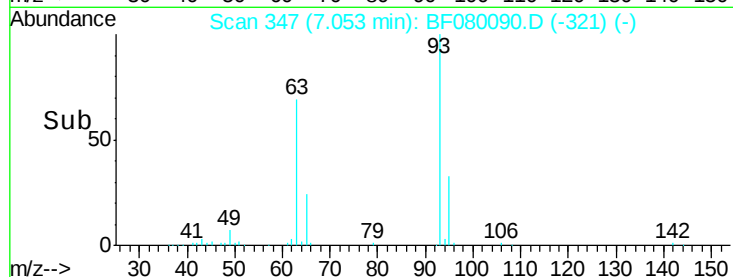
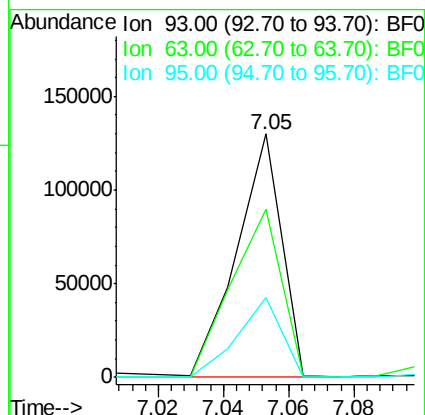
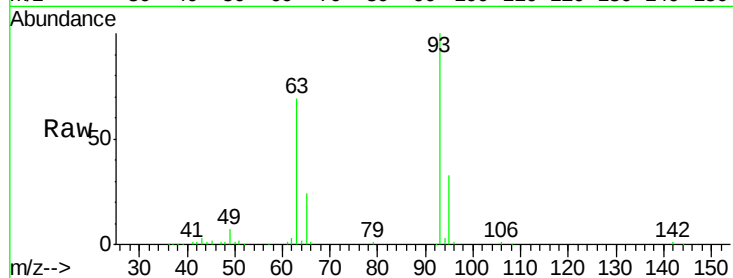




#11
bis(2-Chloroethyl)ether
Concen: 42.34 ng
RT: 7.05 min Scan# 347
Delta R.T. 0.00 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

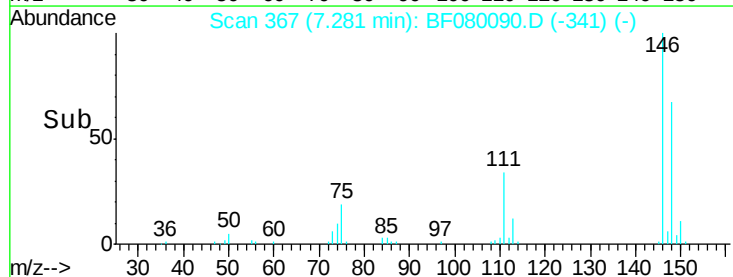
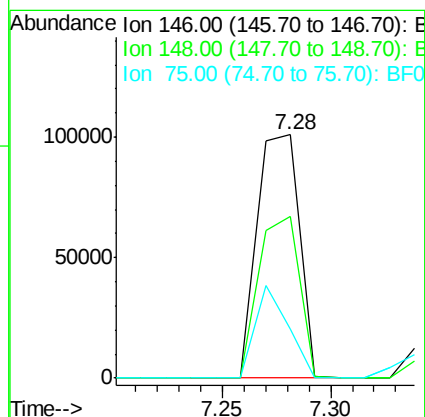
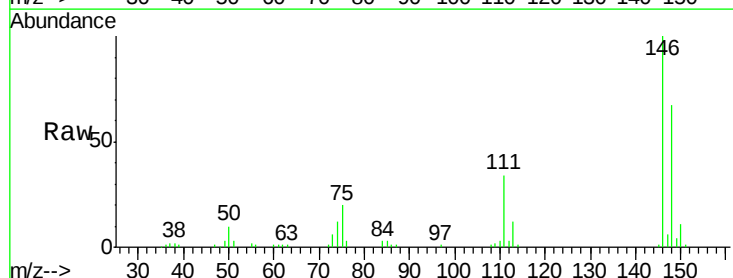
Instrument :
BNA_F
ClientSampleId :
PB84072BSD

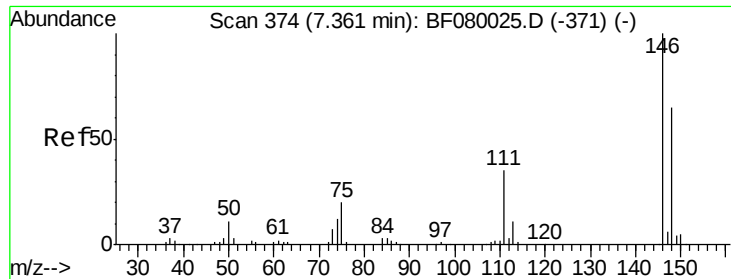
Tgt Ion: 93 Resp: 123214
Ion Ratio Lower Upper
93 100
63 69.3 65.6 105.6
95 32.6 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 39.26 ng
RT: 7.28 min Scan# 367
Delta R.T. -0.00 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Tgt Ion: 146 Resp: 137682
Ion Ratio Lower Upper
146 100
148 66.7 51.0 76.4
75 19.9 15.0 22.6

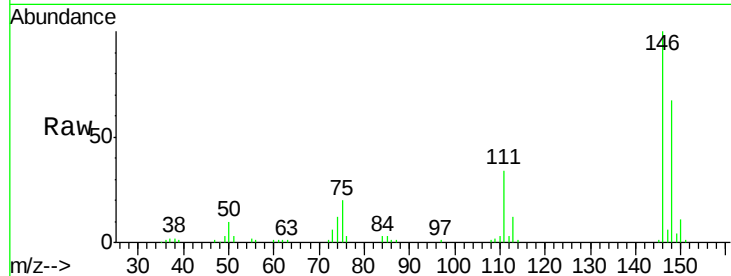




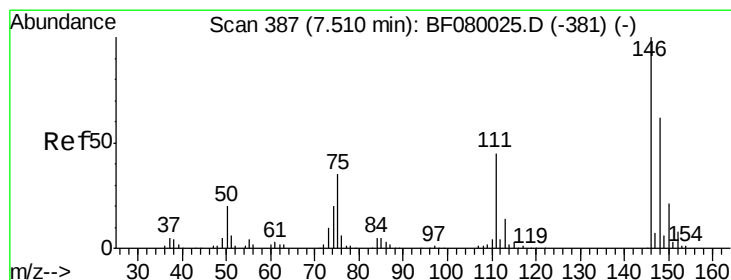
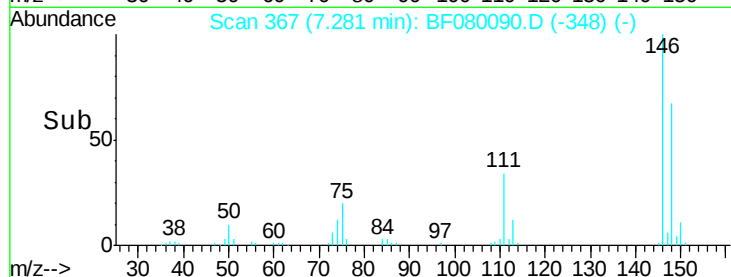
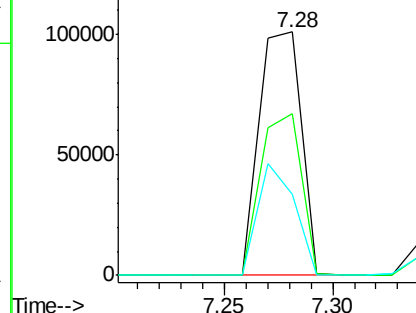
#13
 1,4-Dichlorobenzene
 Concen: 41.28 ng
 RT: 7.28 min Scan# 367
 Delta R.T. -0.08 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BSD

Tgt Ion:146 Resp: 137682
 Ion Ratio Lower Upper
 146 100
 148 66.7 51.8 77.6
 111 33.5 24.9 37.3

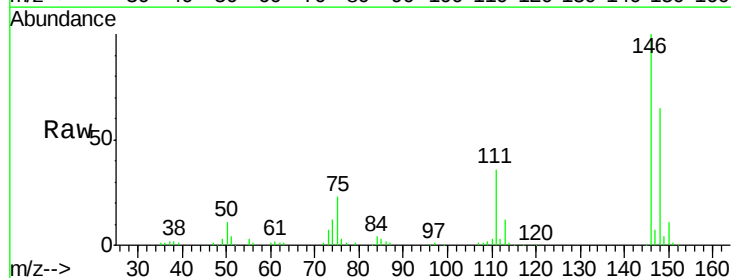


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

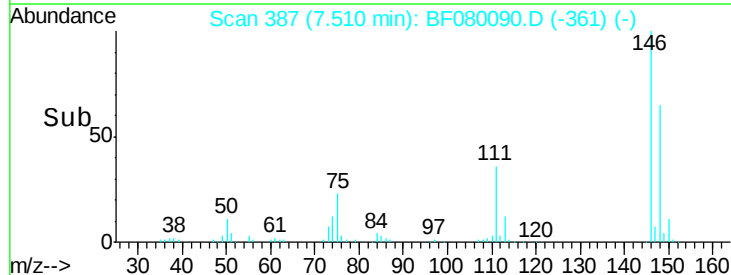
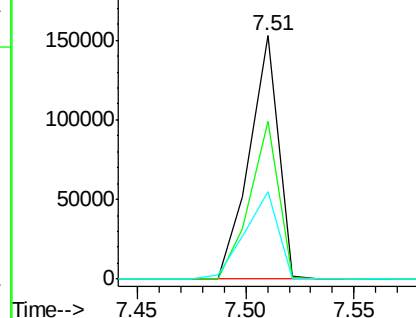


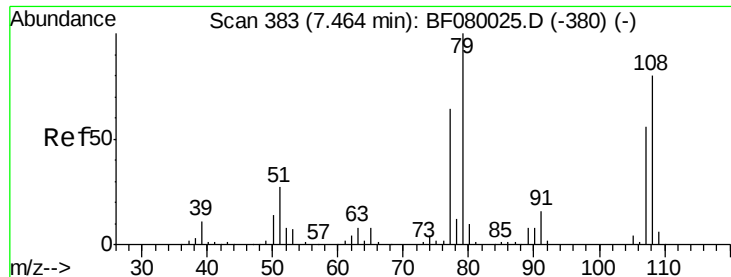
#14
 1,2-Dichlorobenzene
 Concen: 43.45 ng
 RT: 7.51 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Tgt Ion:146 Resp: 141014
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.7 79.1
 111 35.8 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: 41.54 ng

RT: 7.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Instrument :

BNA_F

ClientSampleId :

PB84072BSD

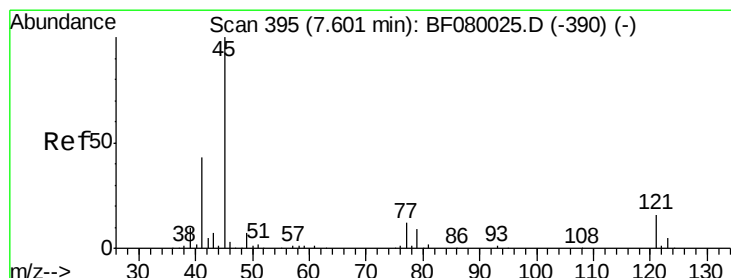
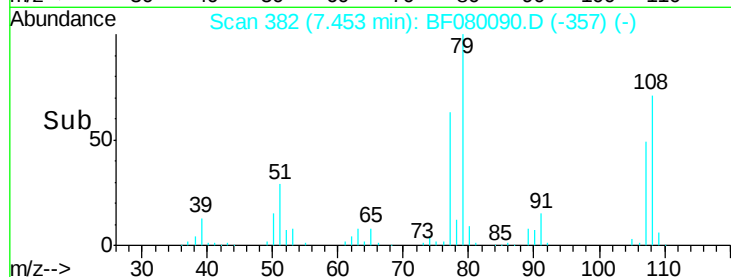
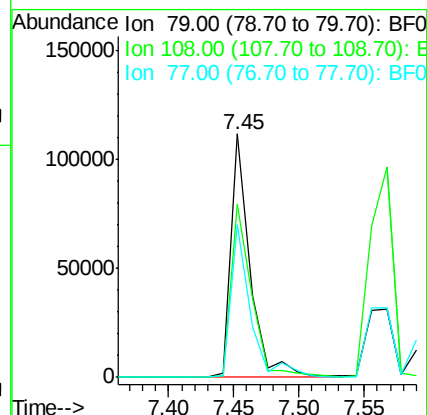
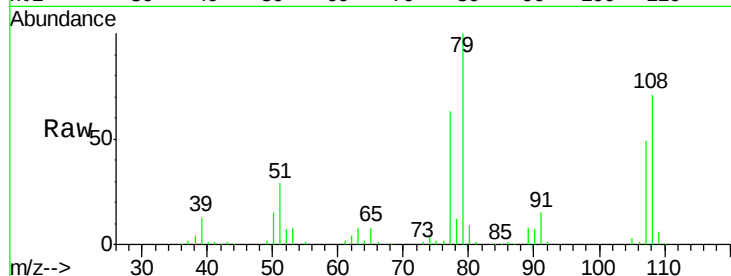
Tgt Ion: 79 Resp: 114177

Ion Ratio Lower Upper

79 100

108 71.1 88.6 132.8#

77 62.9 47.0 70.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 48.44 ng

RT: 7.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

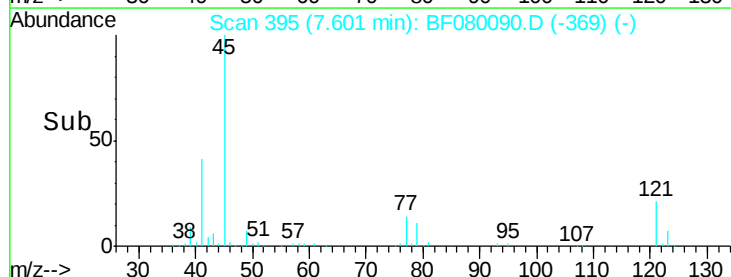
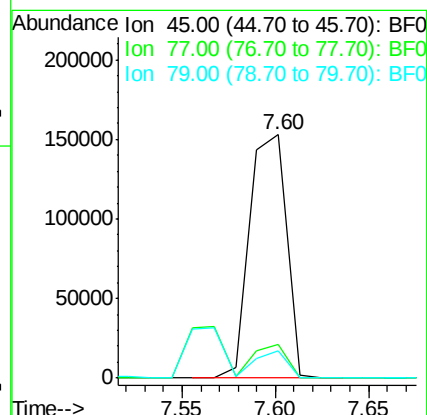
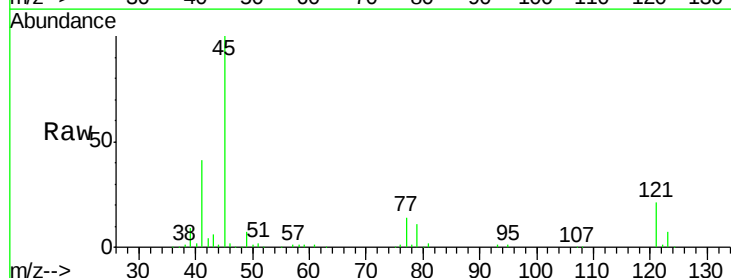
Tgt Ion: 45 Resp: 209233

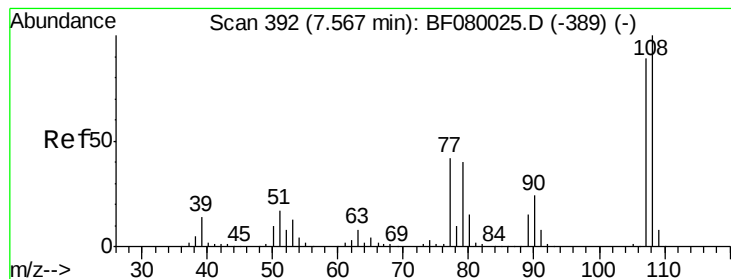
Ion Ratio Lower Upper

45 100

77 13.8 0.0 28.1

79 11.0 0.0 26.0

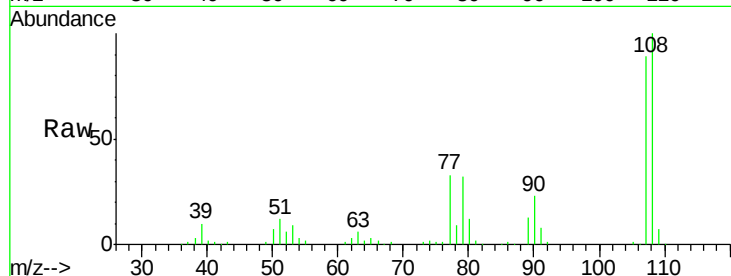




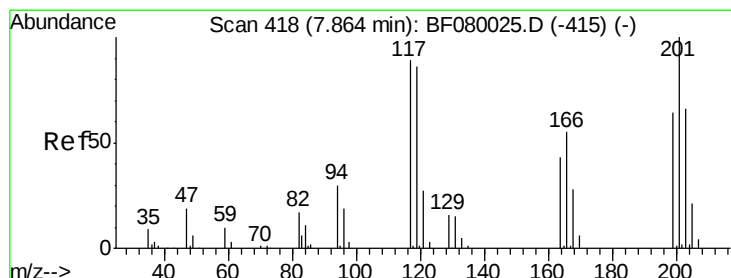
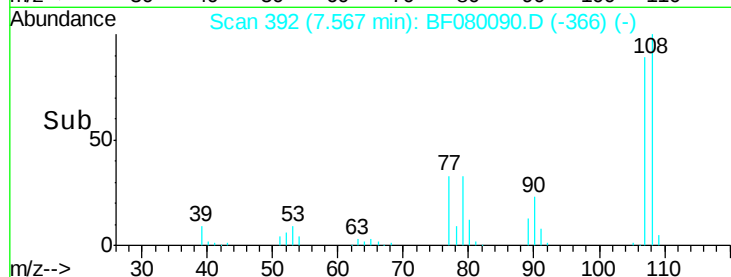
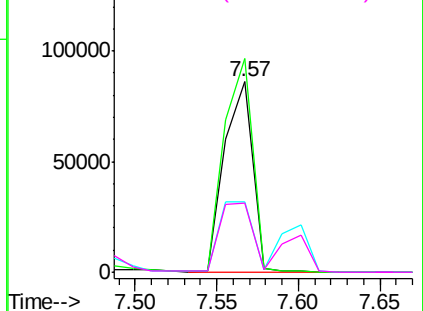
#17
2-Methylphenol
Concen: 41.04 ng
RT: 7.57 min Scan# 392
Delta R.T. 0.00 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Instrument :
BNA_F
ClientSampleId :
PB84072BSD

Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.2	96.6	145.0
77	37.3	23.3	34.9
79	36.3	22.0	33.0

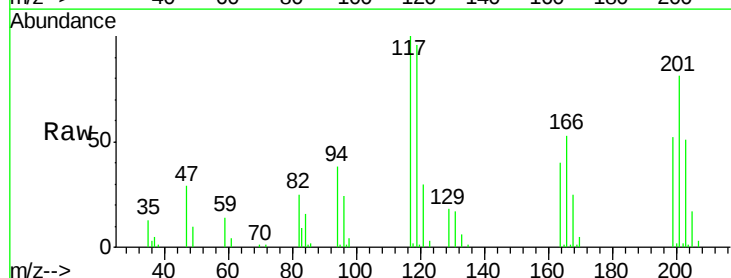


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

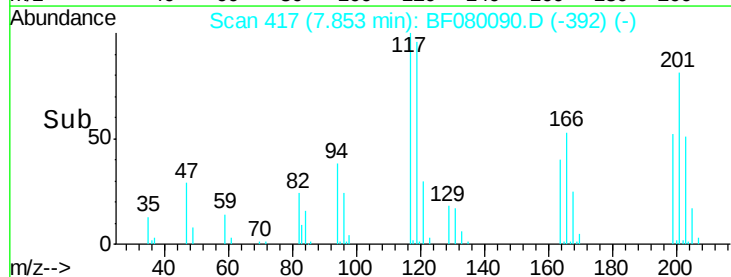
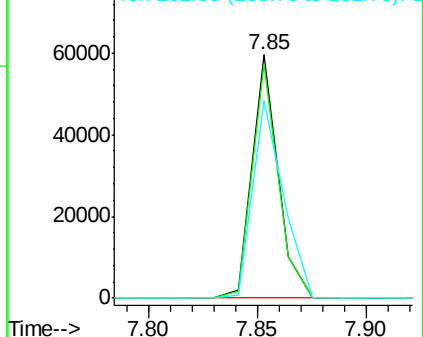


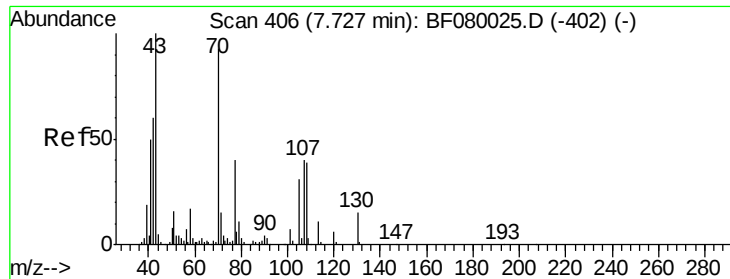
#18
Hexachloroethane
Concen: 44.15 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	83.8	125.6
201	81.2	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

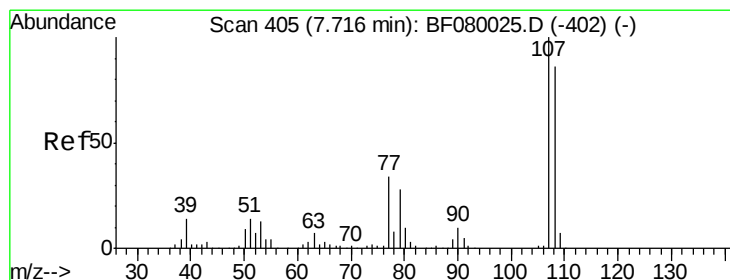
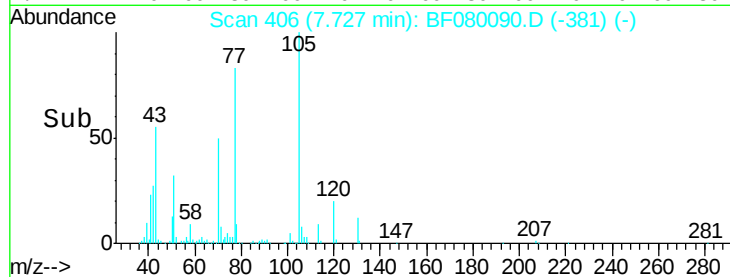
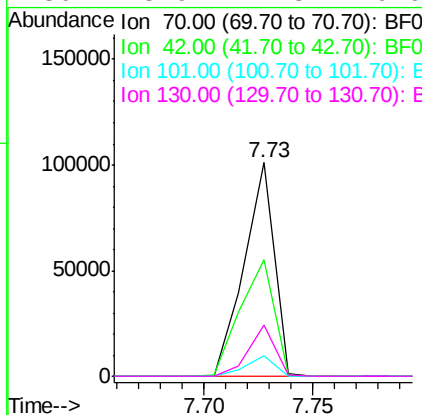
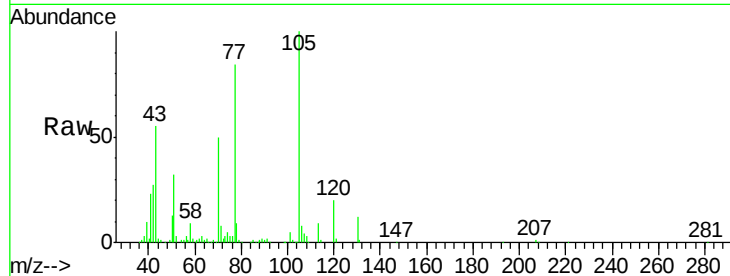




#19
n-Nitroso-di-n-propylamine
Concen: 41.65 ng
RT: 7.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

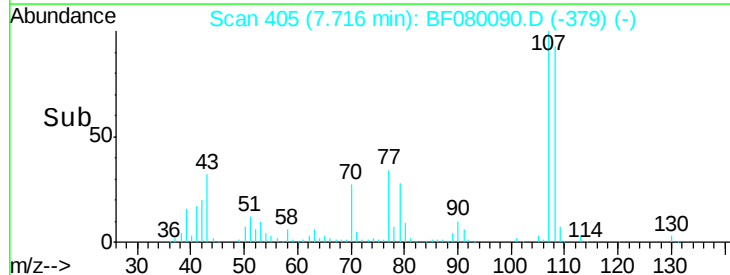
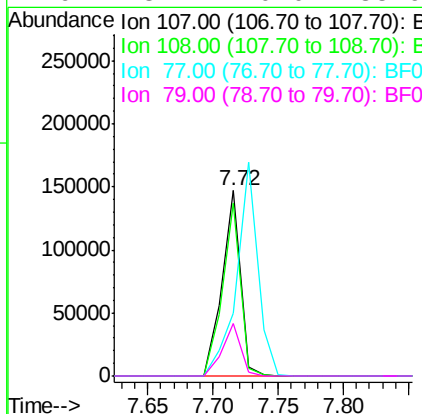
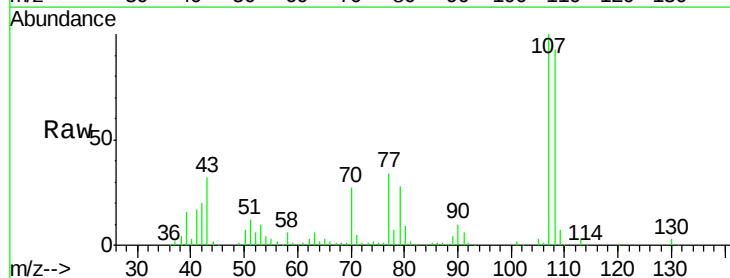
Instrument :
BNA_F
ClientSampleId :
PB84072BSD

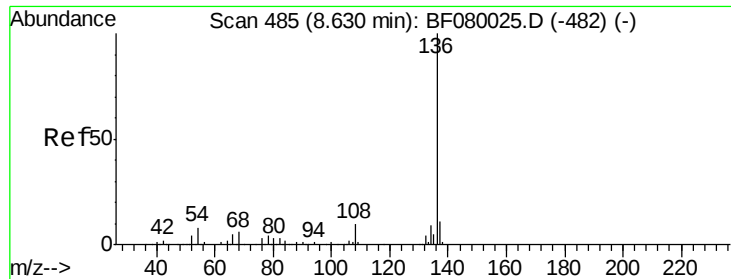
Tgt Ion: 70 Resp: 97191
Ion Ratio Lower Upper
70 100
42 54.4 63.8 95.6#
101 9.9 9.2 13.8
130 23.9 27.3 40.9#



#20
3+4-Methylphenols
Concen: 45.39 ng
RT: 7.72 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Tgt Ion: 107 Resp: 146088
Ion Ratio Lower Upper
107 100
108 93.1 74.6 114.6
77 33.6 0.7 40.7
79 28.1 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.62 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Instrument :

BNA_F

ClientSampleId :

PB84072BSD

Tgt Ion:136 Resp: 182183

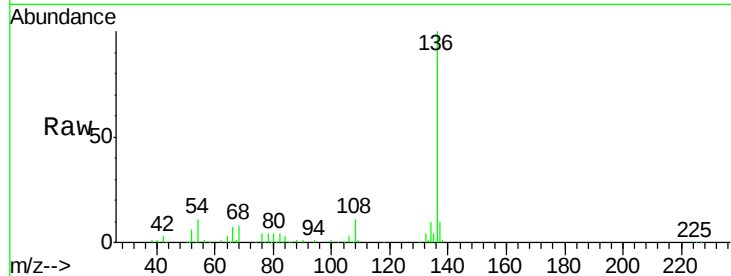
Ion Ratio Lower Upper

136 100

137 10.3 9.0 13.6

54 11.0 8.2 12.2

68 7.5 5.8 8.6

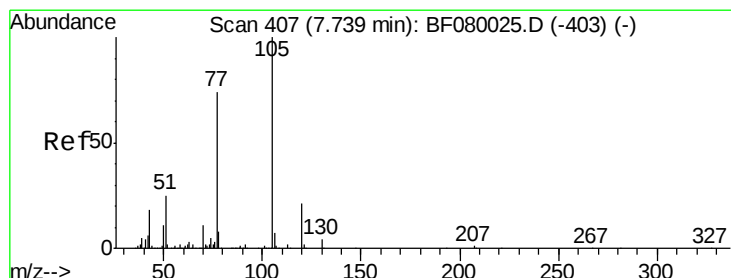
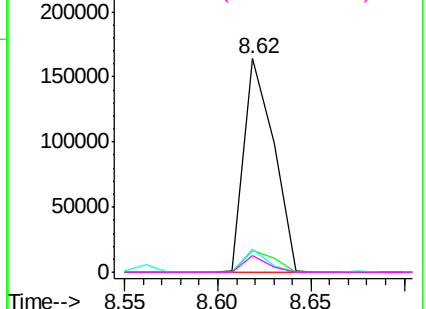
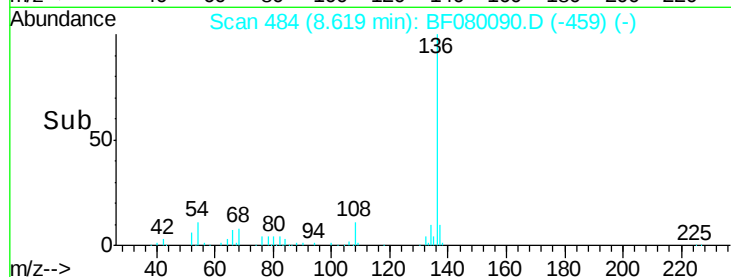


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.48 ng

RT: 7.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Tgt Ion:105 Resp: 184585

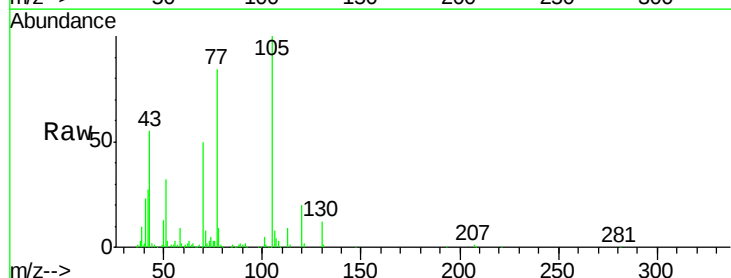
Ion Ratio Lower Upper

105 100

71 8.3 4.7 7.1#

51 32.4 22.0 33.0

120 20.2 30.1 45.1#

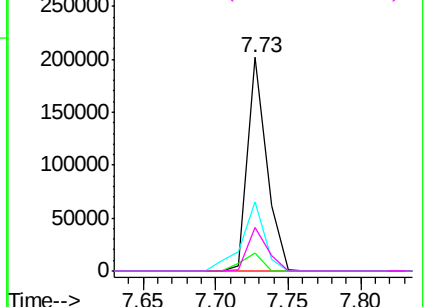
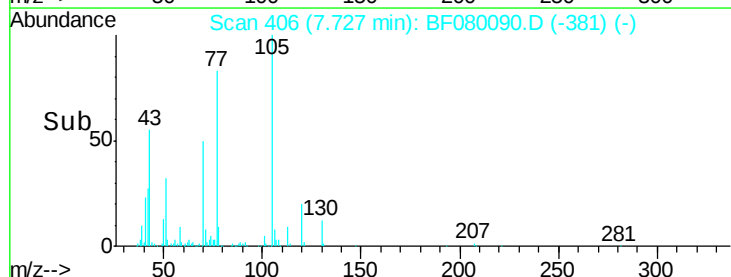


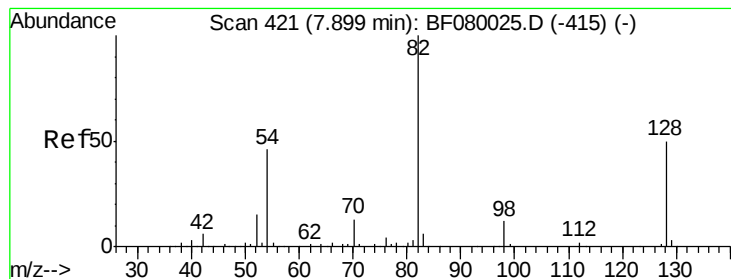
Abundance Ion 105.00 (104.70 to 105.70): E

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: 94.39 ng

RT: 7.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Instrument :

BNA_F

ClientSampleId :

PB84072BSD

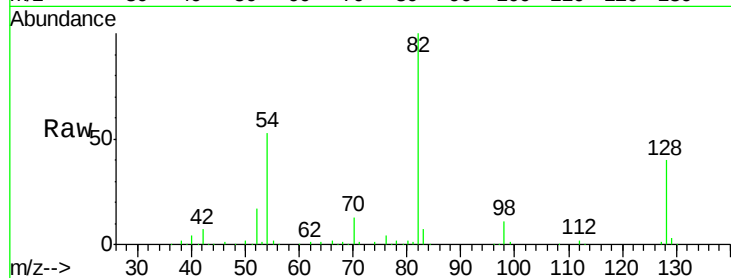
Tgt Ion: 82 Resp: 295382

Ion Ratio Lower Upper

82 100

128 40.5 51.0 76.6#

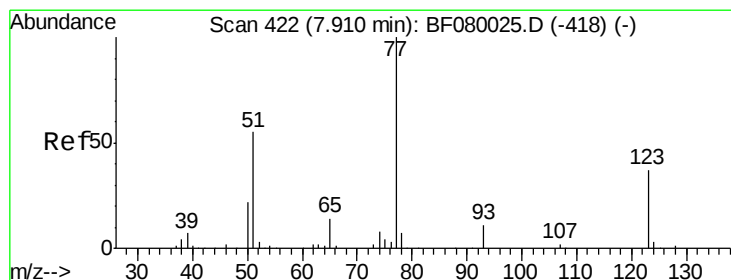
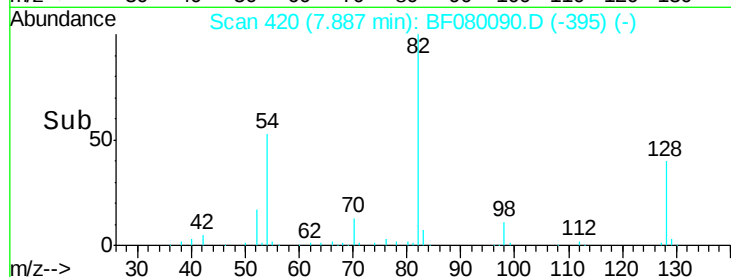
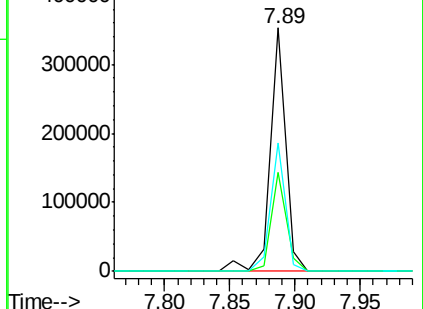
54 52.6 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 43.98 ng

RT: 7.91 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

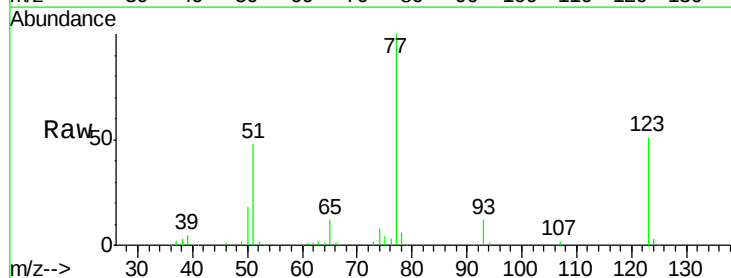
Tgt Ion: 77 Resp: 142064

Ion Ratio Lower Upper

77 100

123 50.6 59.8 89.8#

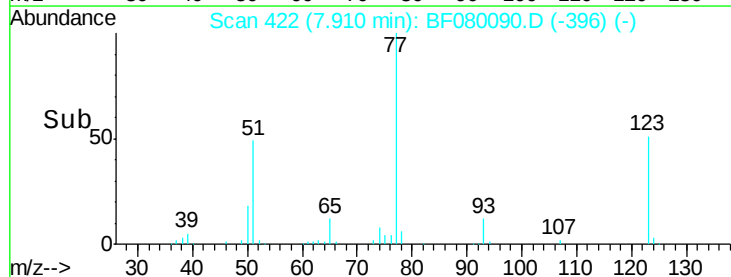
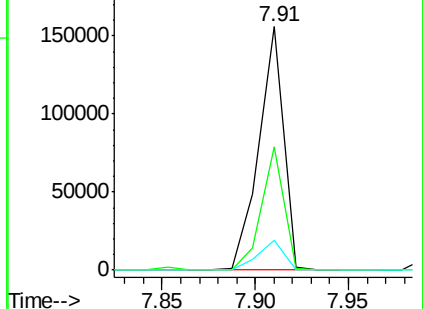
65 12.2 10.2 15.4

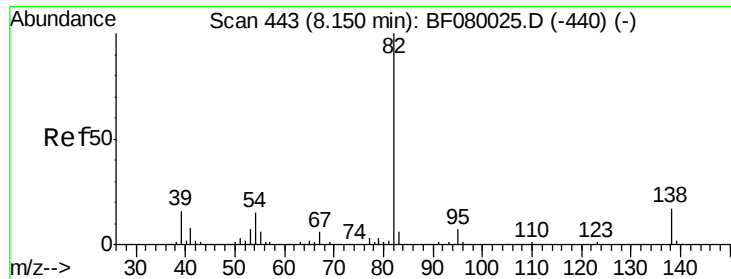


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.36 ng

RT: 8.14 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Instrument :

BNA_F

ClientSampled :

PB84072BSD

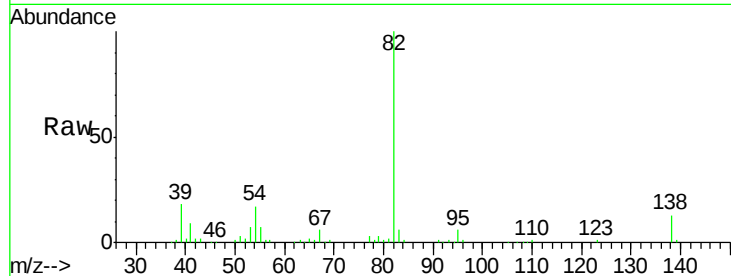
Tgt Ion: 82 Resp: 254218

Ion Ratio Lower Upper

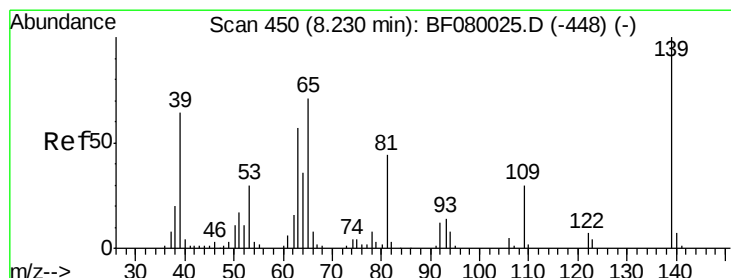
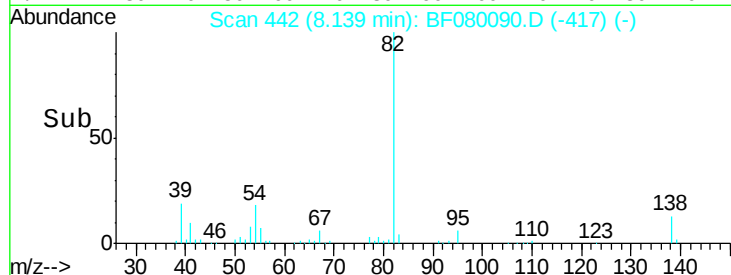
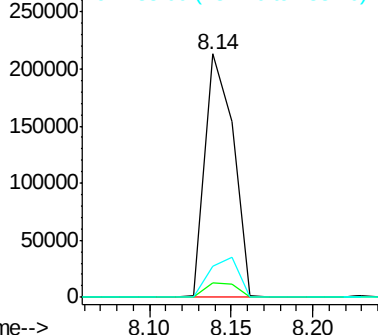
82 100

95 6.0 4.0 6.0#

138 12.5 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: 50.06 ng

RT: 8.23 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

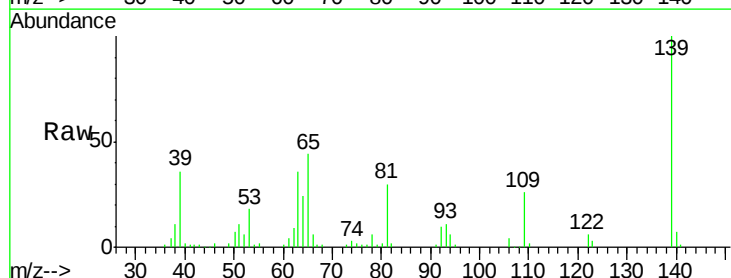
Tgt Ion: 139 Resp: 67681

Ion Ratio Lower Upper

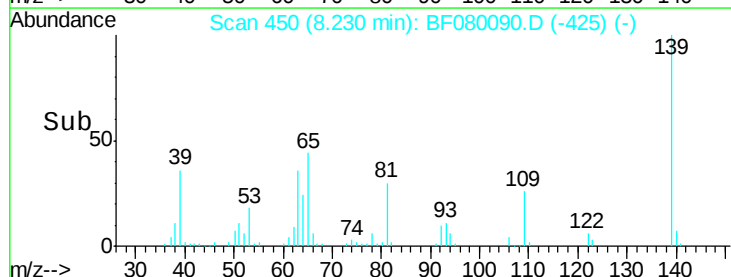
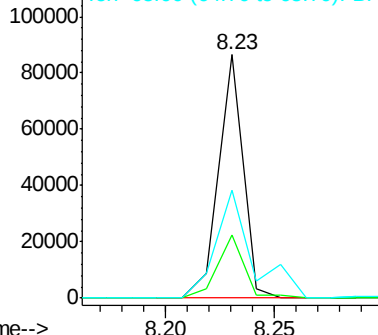
139 100

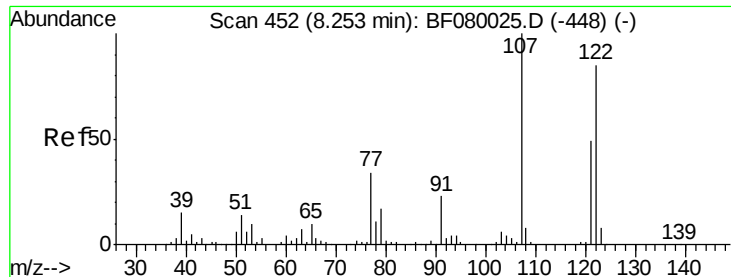
109 25.7 11.0 16.4#

65 44.2 24.7 37.1#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

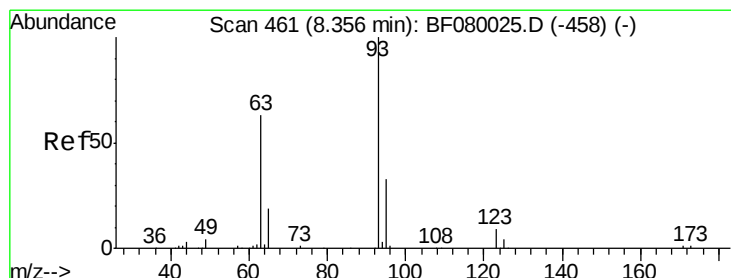
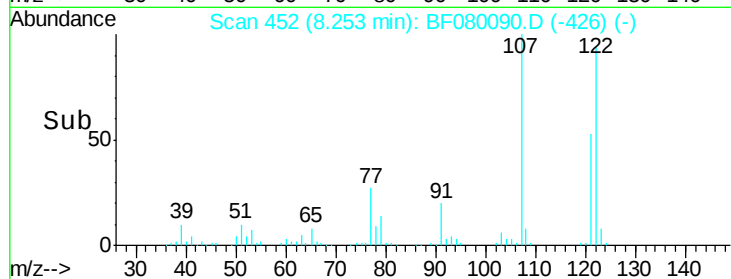
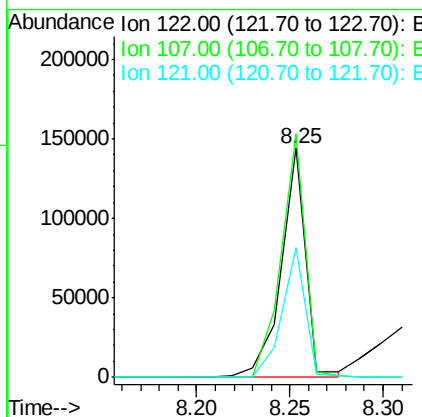
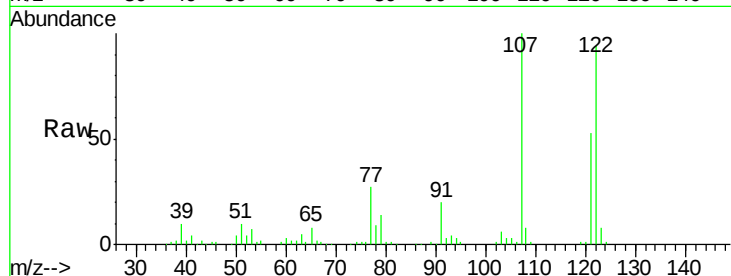




#27
 2,4-Dimethylphenol
 Concen: 46.32 ng
 RT: 8.25 min Scan# 452
 Delta R.T. 0.00 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

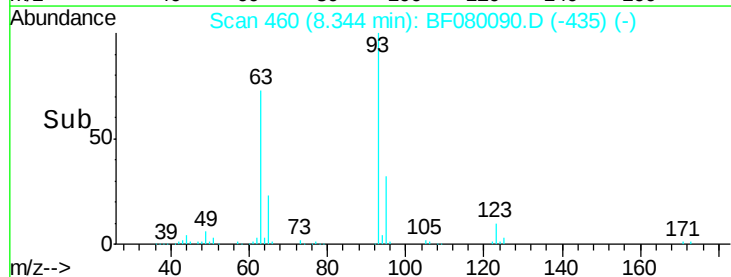
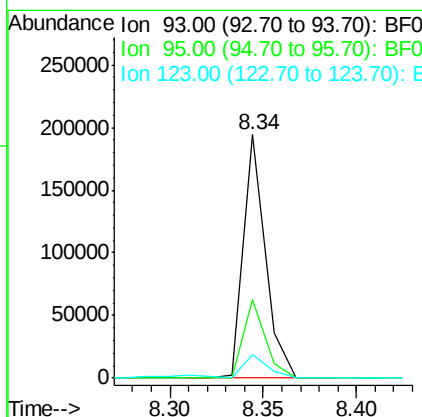
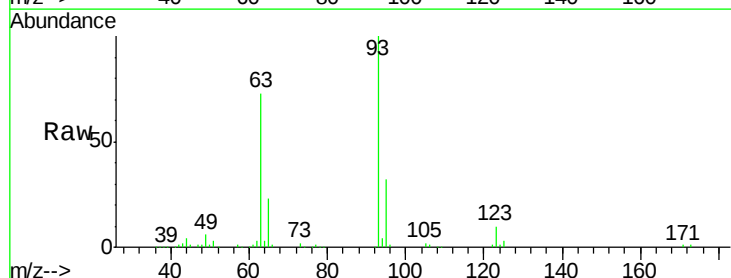
Instrument :
 BNA_F
 ClientSampleId :
 PB84072BSD

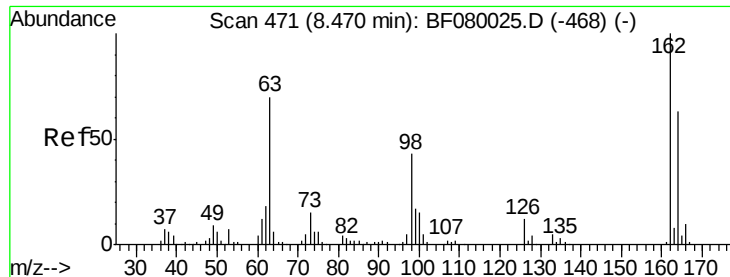
Tgt Ion: 122 Resp: 130590
 Ion Ratio Lower Upper
 122 100
 107 106.3 71.8 107.6
 121 56.8 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.07 ng
 RT: 8.34 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Tgt Ion: 93 Resp: 159359
 Ion Ratio Lower Upper
 93 100
 95 32.3 27.5 41.3
 123 9.7 13.7 20.5#

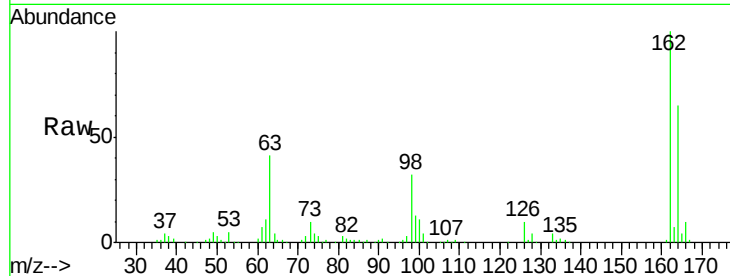




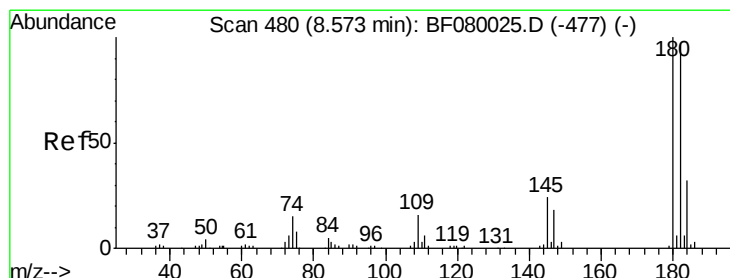
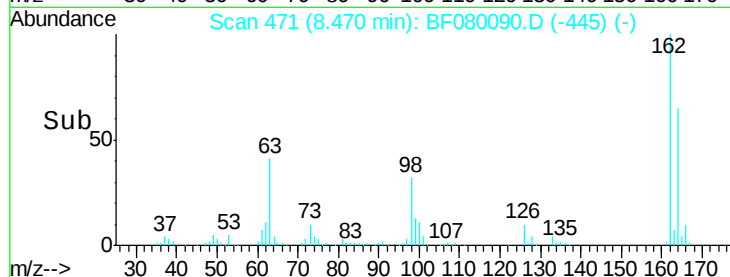
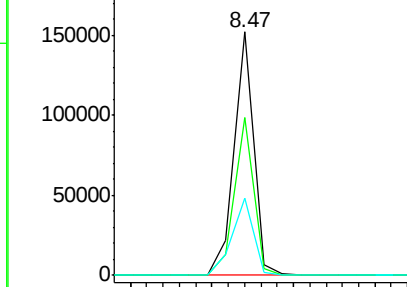
#29
 2,4-Dichlorophenol
 Concen: 51.47 ng
 RT: 8.47 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.9	84.9
98	31.7	13.0	53.0

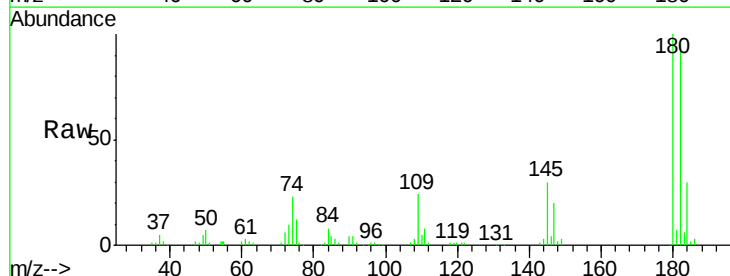


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

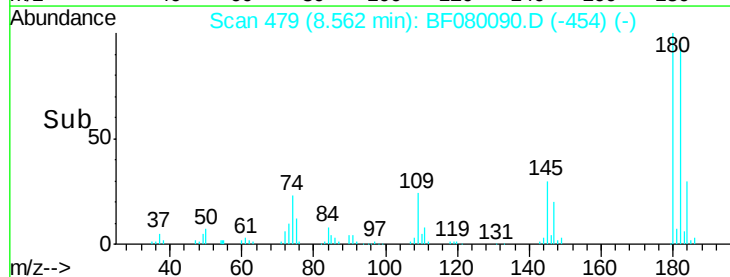
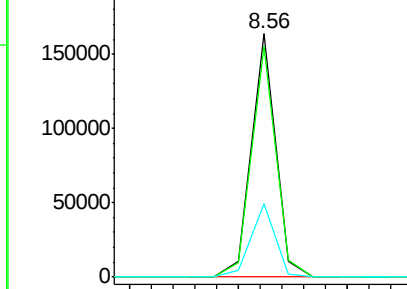


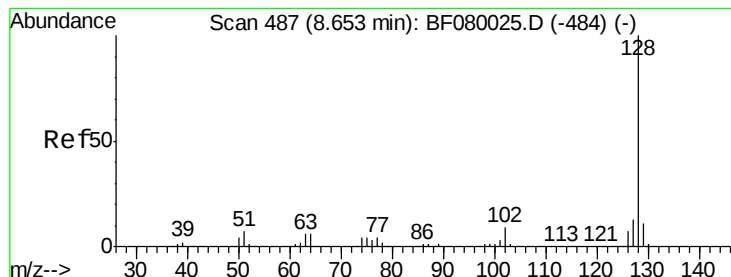
#30
 1,2,4-Trichlorobenzene
 Concen: 46.23 ng
 RT: 8.56 min Scan# 479
 Delta R.T. -0.01 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	77.1	115.7
145	30.3	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: 39.65 ng

RT: 8.64 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Instrument :

BNA_F

ClientSampleId :

PB84072BSD

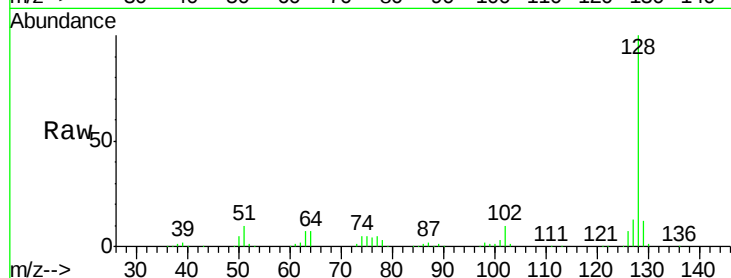
Tgt Ion:128 Resp: 377647

Ion Ratio Lower Upper

128 100

129 11.7 8.4 12.6

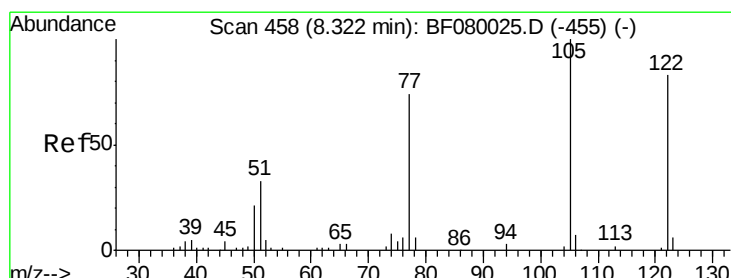
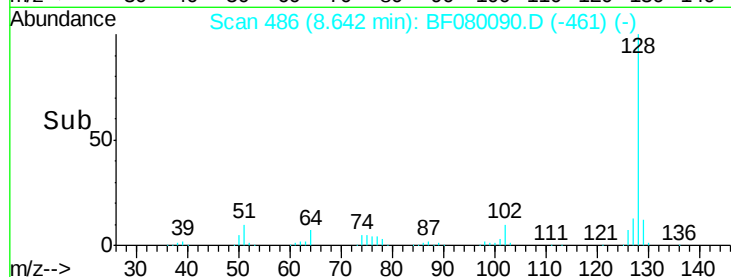
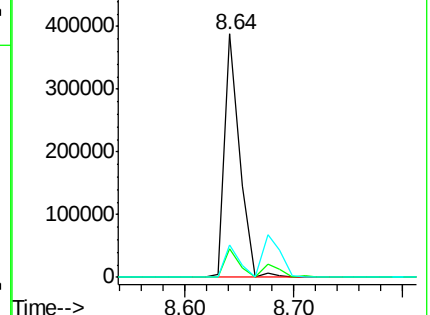
127 13.1 9.9 14.9



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: 39.17 ng

RT: 8.31 min Scan# 457

Delta R.T. -0.02 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

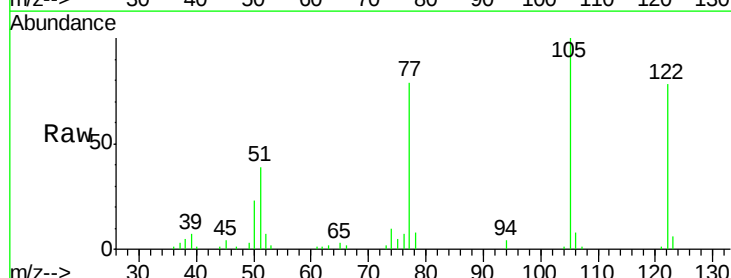
Tgt Ion:122 Resp: 66758

Ion Ratio Lower Upper

122 100

105 128.0 76.1 116.1#

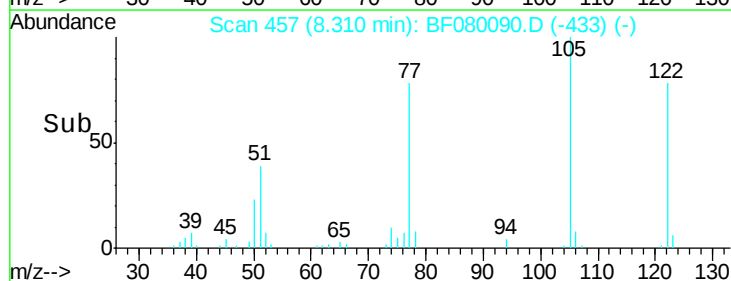
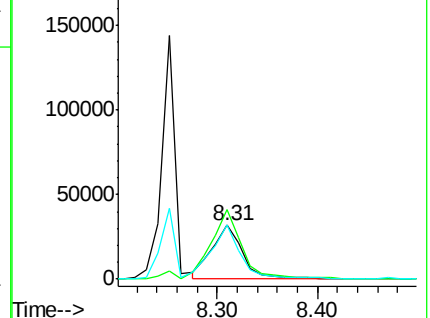
77 101.1 40.5 80.5#

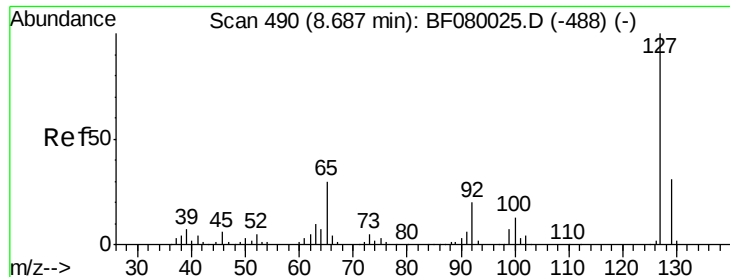


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

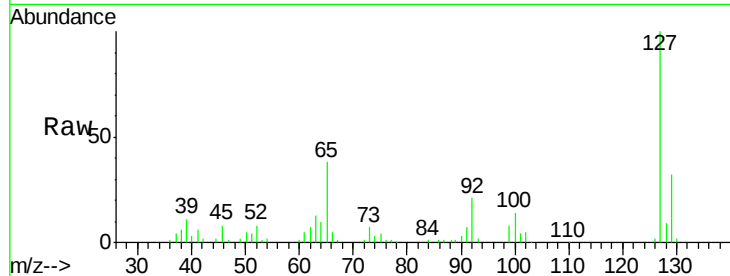




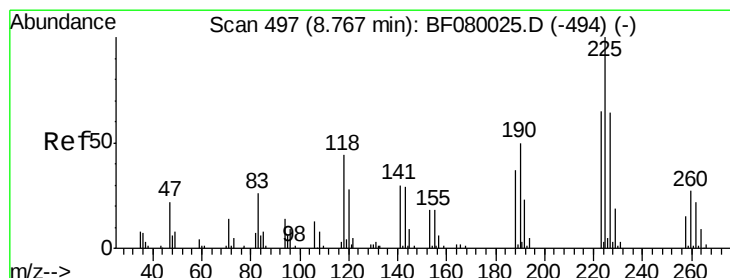
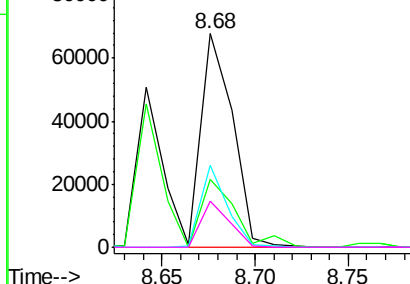
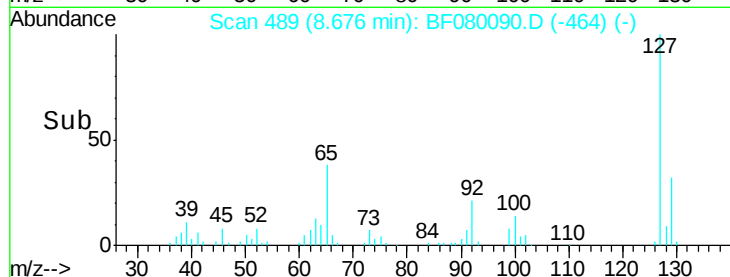
#33
4-Chloroaniline
Concen: 19.42 ng
RT: 8.68 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Instrument :
BNA_F
ClientSampleId :
PB84072BSD

Tgt Ion:127 Resp: 79150
Ion Ratio Lower Upper
127 100
129 31.7 25.8 38.6
65 38.5 17.9 26.9#
92 21.3 10.5 15.7#

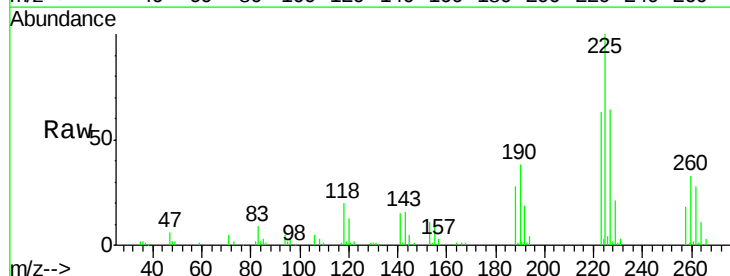


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

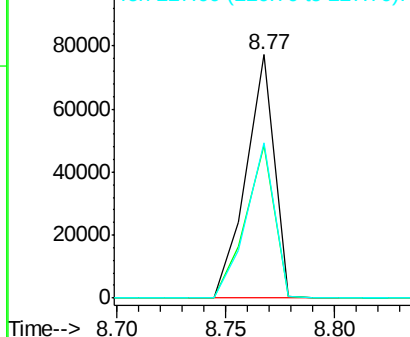
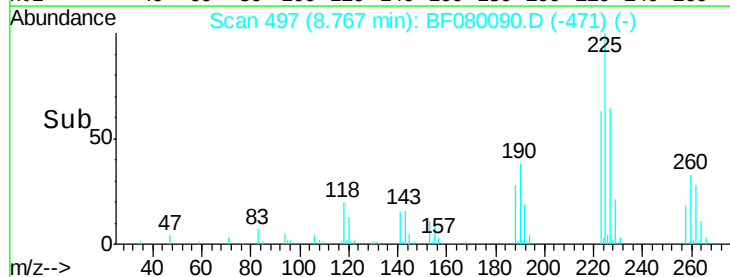


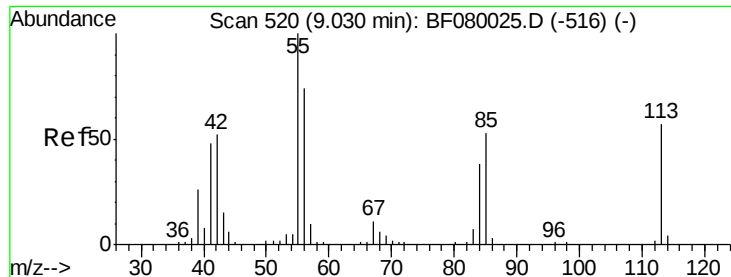
#34
Hexachlorobutadiene
Concen: 41.53 ng
RT: 8.77 min Scan# 497
Delta R.T. 0.00 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Tgt Ion:225 Resp: 70120
Ion Ratio Lower Upper
225 100
223 62.9 50.2 75.2
227 63.9 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

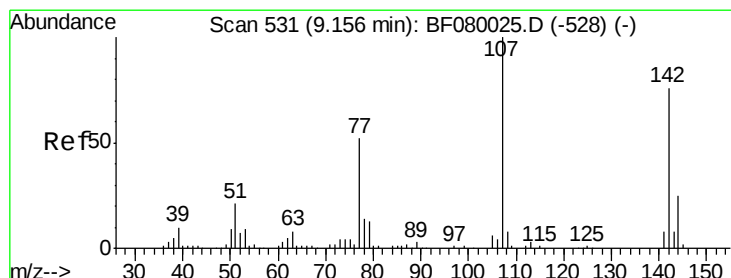
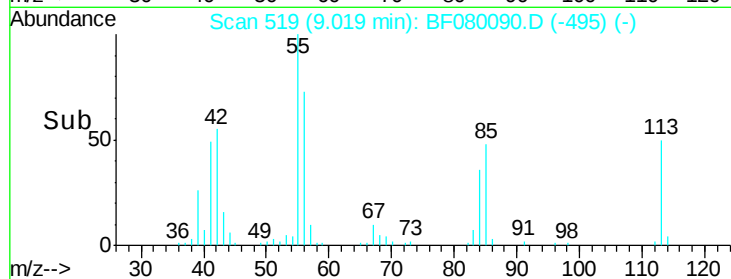
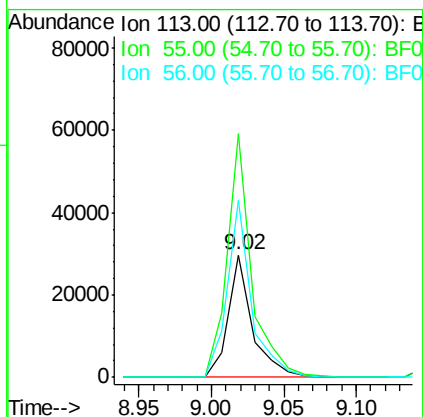
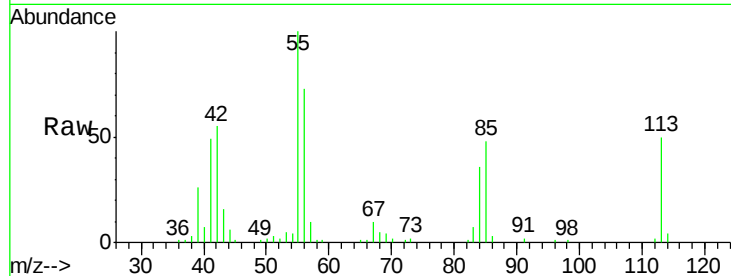




#35
 Caprolactam
 Concen: 43.95 ng
 RT: 9.02 min Scan# 519
 Delta R.T. -0.02 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

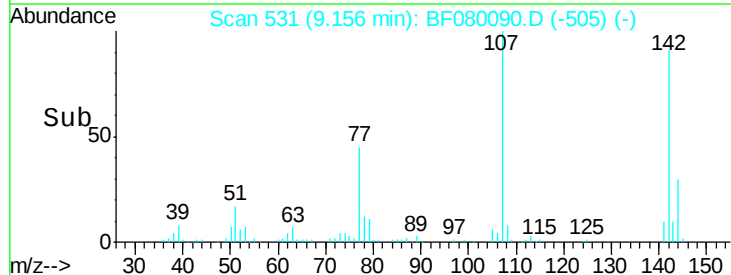
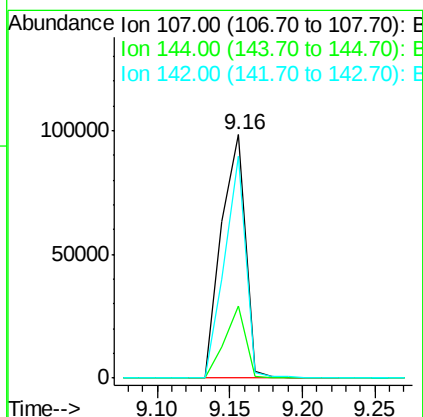
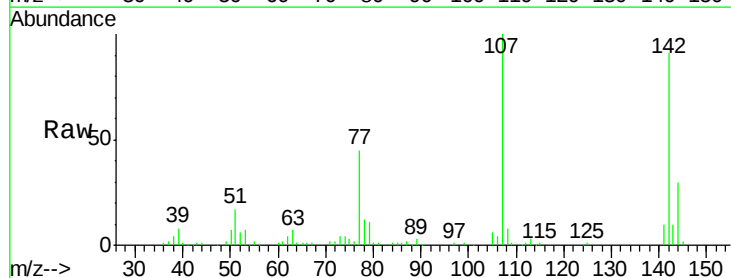
Instrument :
 BNA_F
 ClientSampleId :
 PB84072BSD

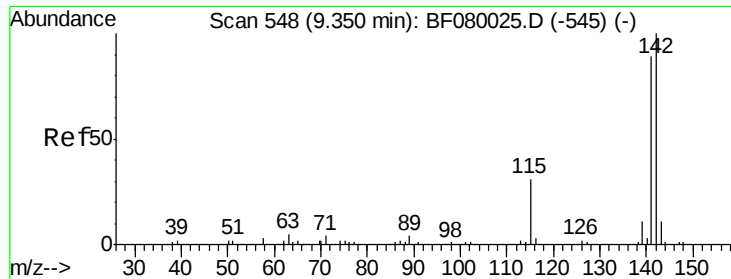
Tgt Ion:113 Resp: 34438
 Ion Ratio Lower Upper
 113 100
 55 198.8 152.4 192.4#
 56 144.5 104.6 144.6



#36
 4-Chloro-3-methylphenol
 Concen: 41.82 ng
 RT: 9.16 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Tgt Ion:107 Resp: 113895
 Ion Ratio Lower Upper
 107 100
 144 29.6 25.4 38.0
 142 91.3 77.3 115.9

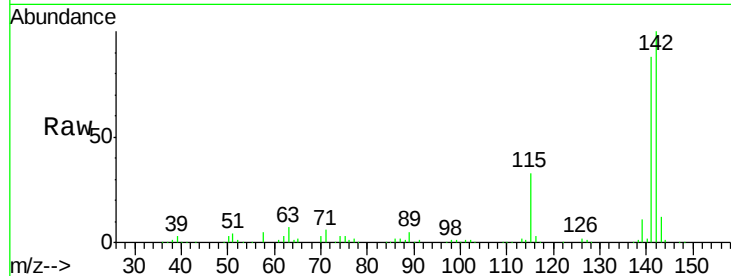




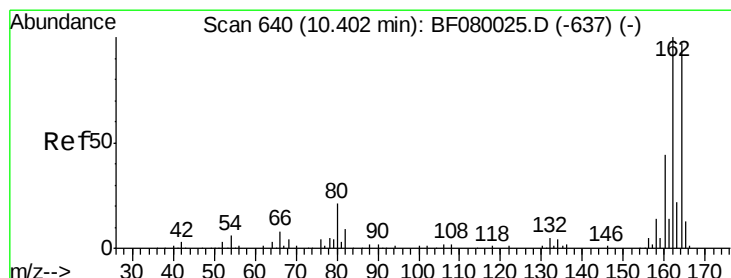
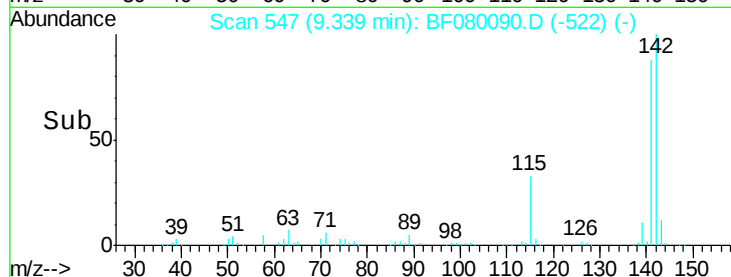
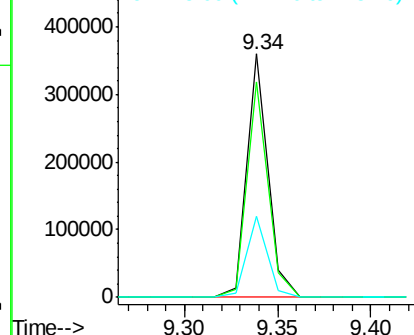
#37
 2-Methylnaphthalene
 Concen: 46.06 ng
 RT: 9.34 min Scan# 547
 Delta R.T. -0.01 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	67.5	101.3
115	33.4	18.2	27.2

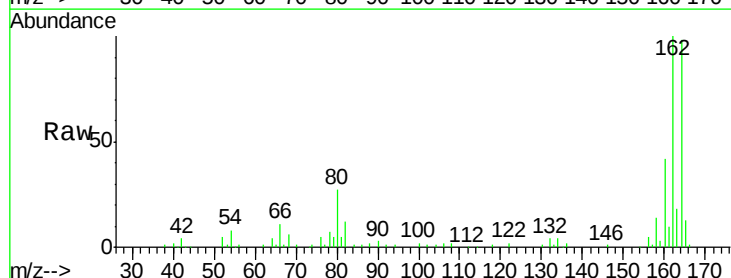


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

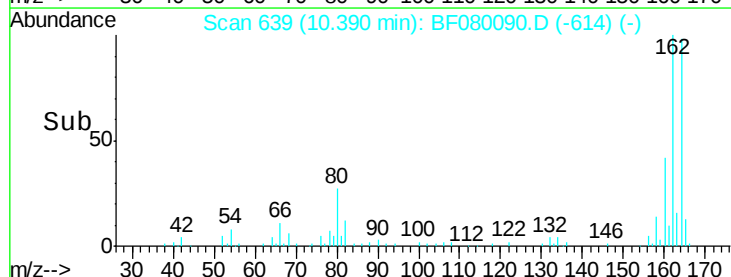
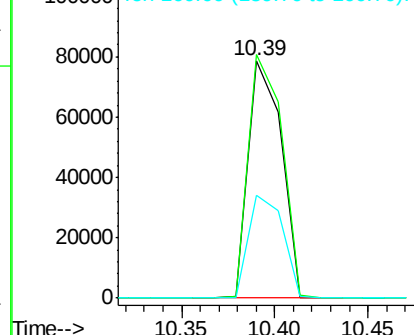


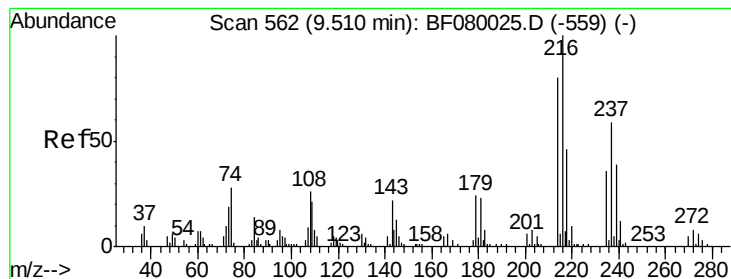
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.39 min Scan# 639
 Delta R.T. -0.01 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	75.2	112.8
160	43.3	31.5	47.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.69 ng

RT: 9.51 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Instrument :

BNA_F

ClientSampleId :

PB84072BSD

Tgt Ion:216 Resp: 134784

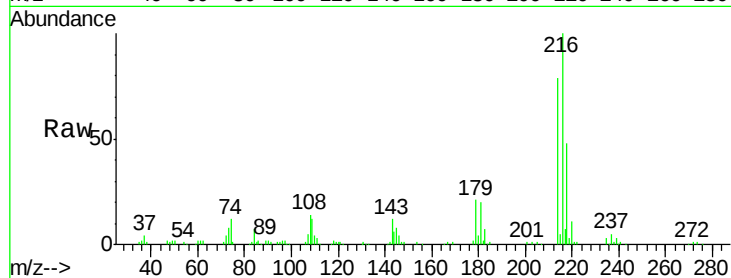
Ion Ratio Lower Upper

216 100

214 79.7 63.5 95.3

179 21.2 16.6 24.8

108 18.4 16.3 24.5

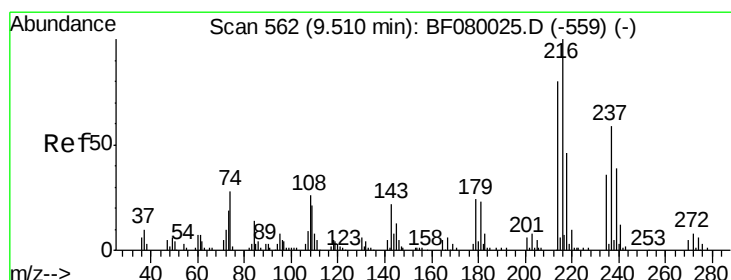
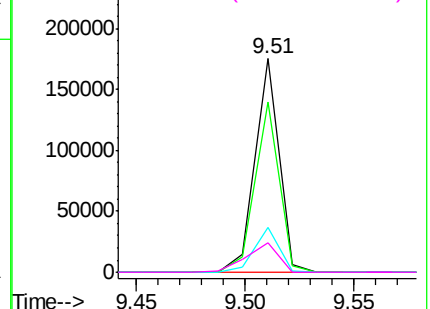
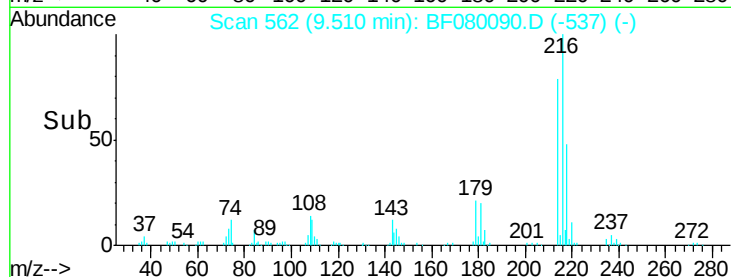


Abundance Ion 216.00 (215.70 to 216.70): E

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: 71.41 ng

RT: 9.50 min Scan# 561

Delta R.T. -0.01 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

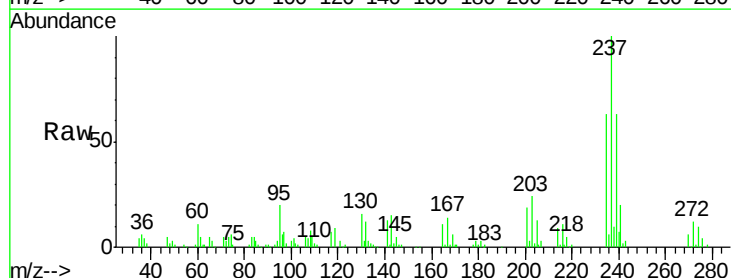
Tgt Ion:237 Resp: 102804

Ion Ratio Lower Upper

237 100

235 63.5 42.0 82.0

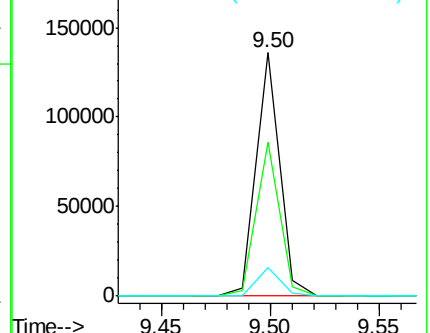
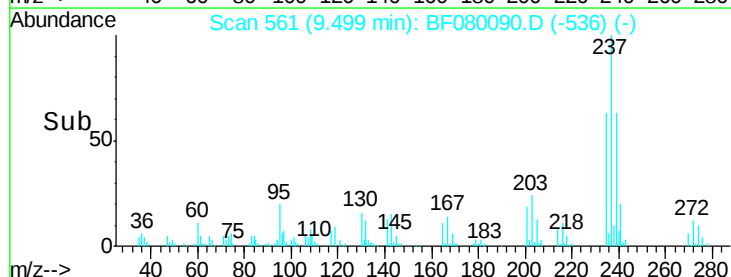
272 11.7 0.0 36.1

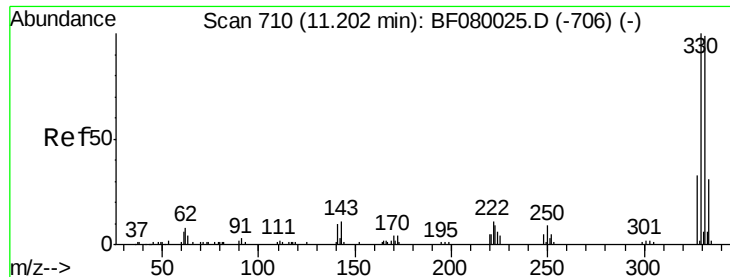


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

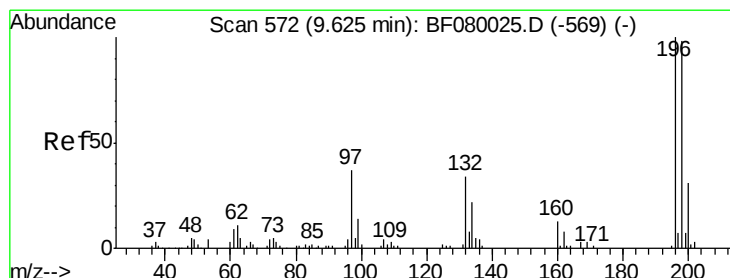
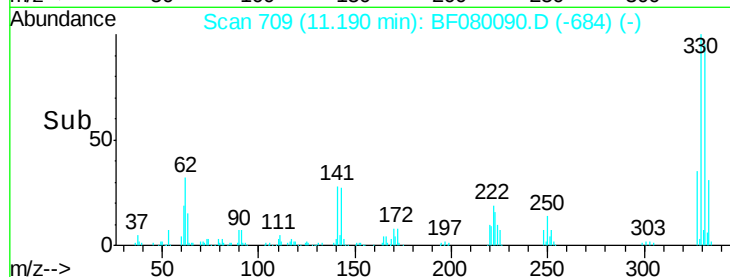
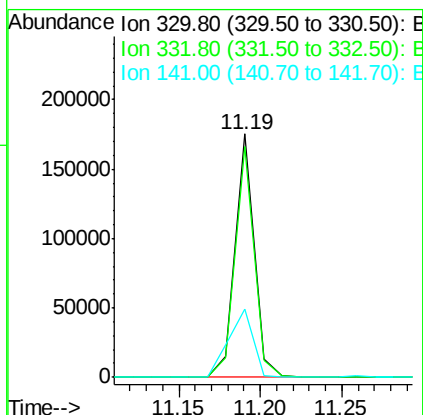
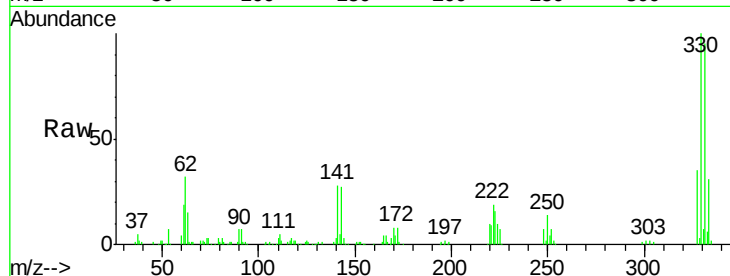




#41
 2,4,6-Tribromophenol
 Concen: 147.54 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

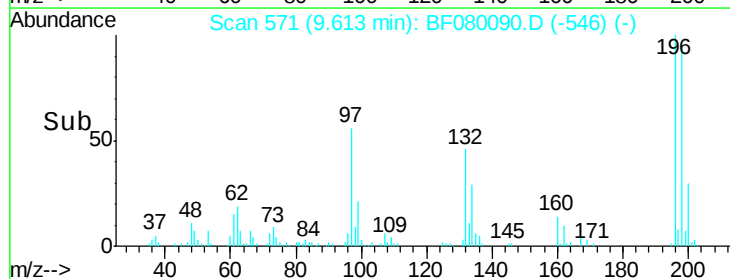
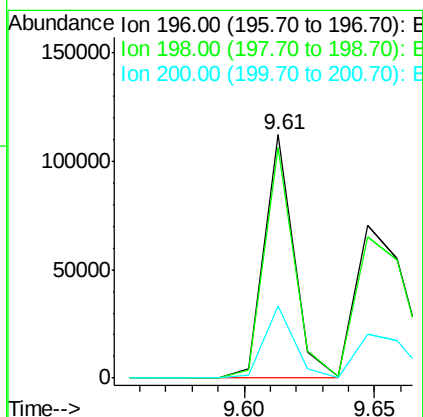
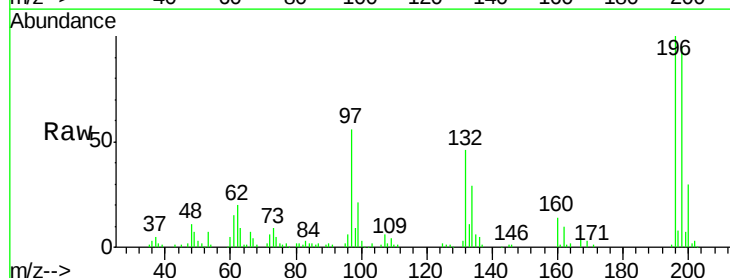
Instrument :
 BNA_F
 ClientSampleId :
 PB84072BSD

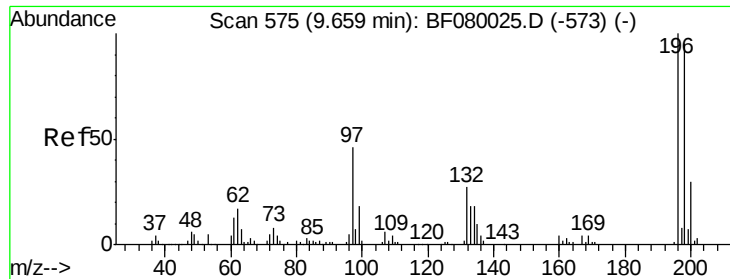
Tgt Ion:330 Resp: 140132
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 114.8
 141 35.9 29.7 44.5



#42
 2,4,6-Trichlorophenol
 Concen: 46.22 ng
 RT: 9.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Tgt Ion:196 Resp: 88885
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.7 113.5
 200 29.6 23.9 35.9

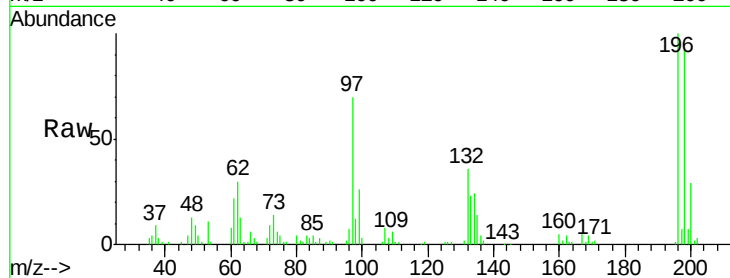




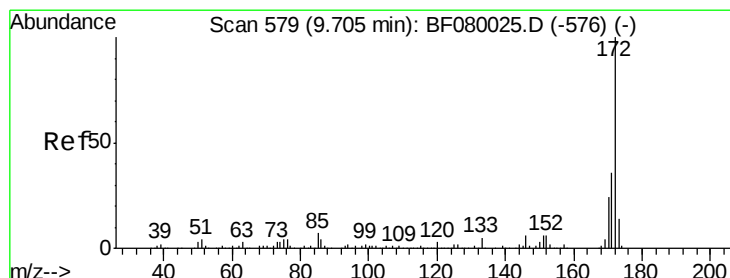
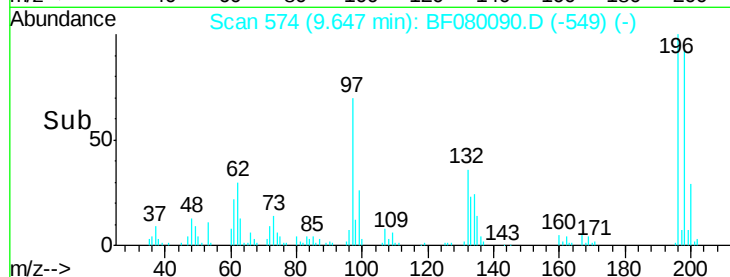
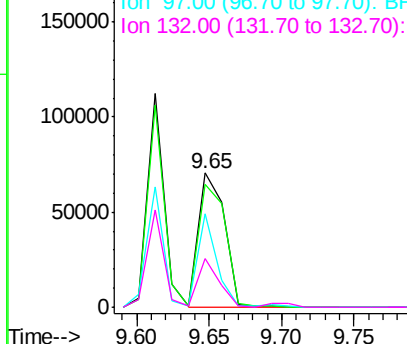
#43
2,4,5-Trichlorophenol
Concen: 40.01 ng
RT: 9.65 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Instrument :
BNA_F
ClientSampleId :
PB84072BSD

Tgt Ion:196 Resp: 88654
Ion Ratio Lower Upper
196 100
198 92.1 75.4 113.0
97 69.9 33.3 49.9#
132 35.9 24.6 37.0

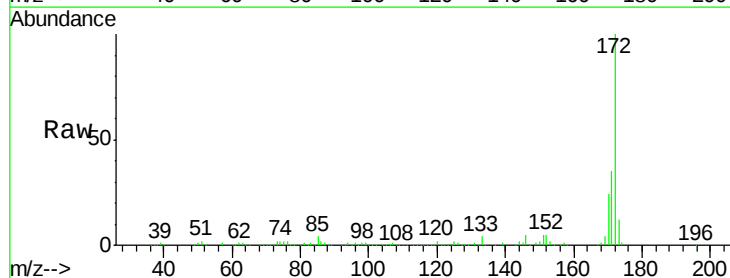


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

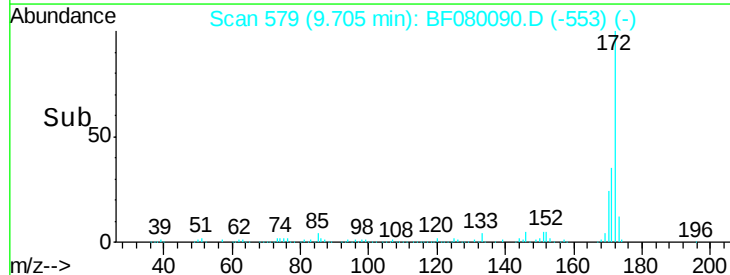
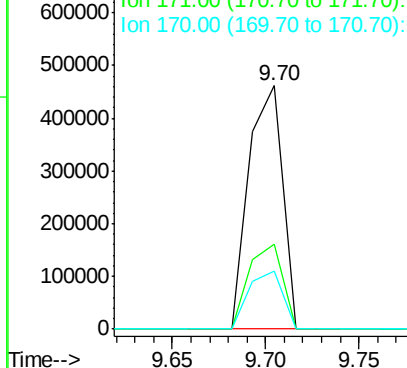


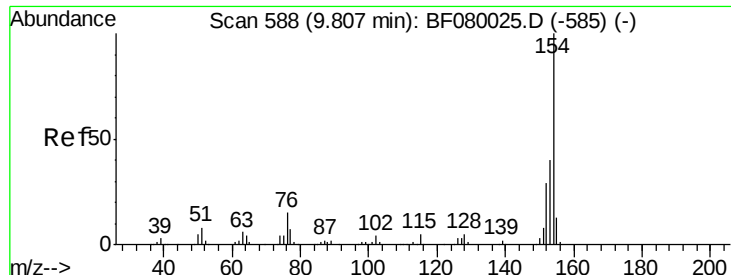
#44
2-Fluorobiphenyl
Concen: 84.51 ng
RT: 9.70 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Tgt Ion:172 Resp: 575565
Ion Ratio Lower Upper
172 100
171 35.0 26.1 39.1
170 24.0 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

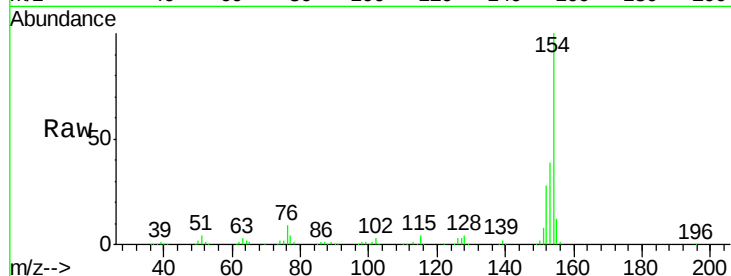




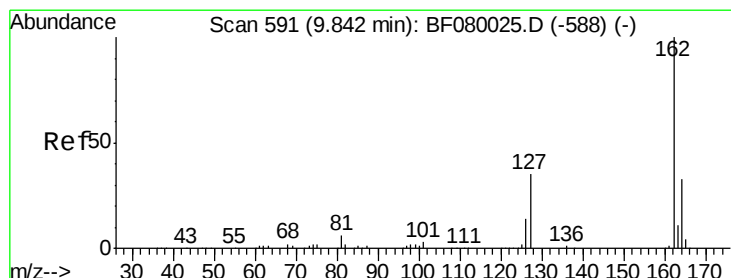
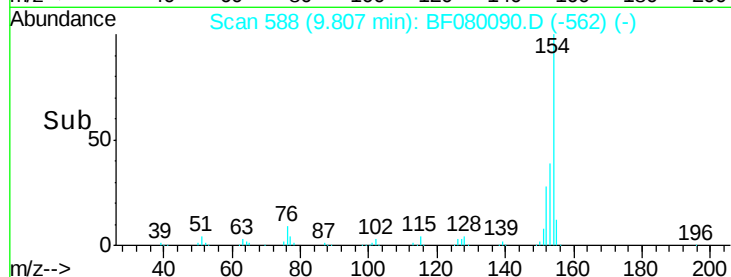
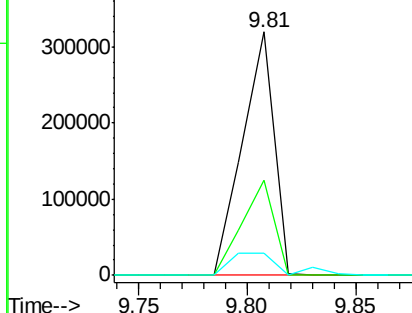
#45
 1,1'-Biphenyl
 Concen: 40.87 ng
 RT: 9.81 min Scan# 588
 Delta R.T. -0.00 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BSD

Tgt Ion:154 Resp: 322978
 Ion Ratio Lower Upper
 154 100
 153 39.1 17.1 57.1
 76 9.0 0.0 31.6

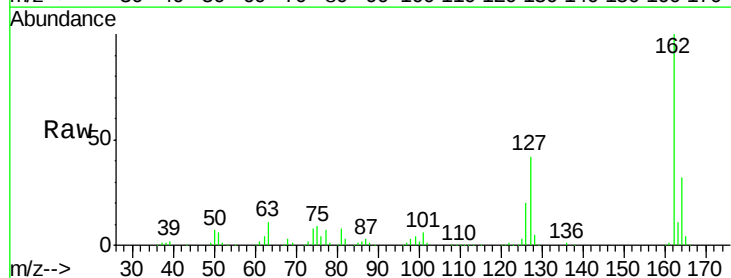


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

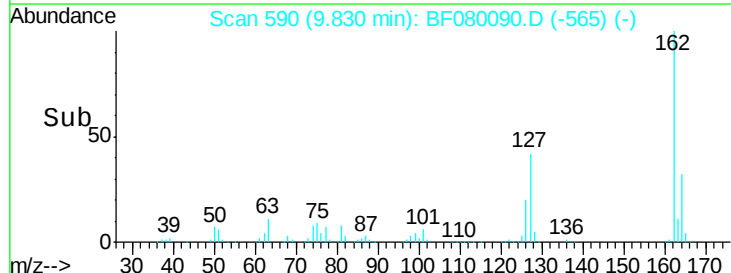
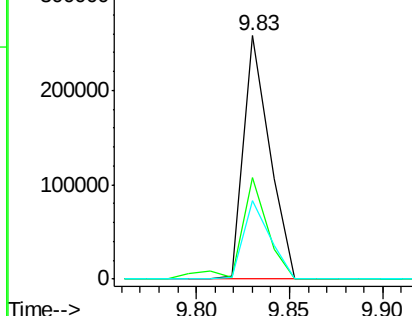


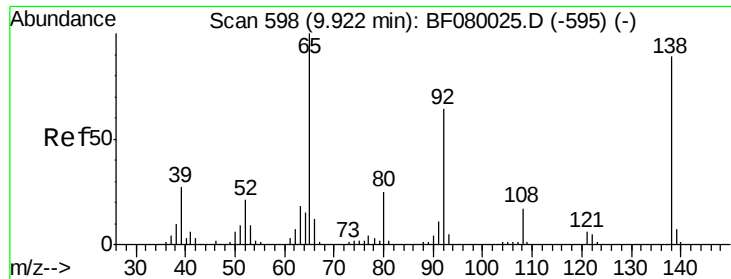
#46
 2-Chloronaphthalene
 Concen: 39.47 ng
 RT: 9.83 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Tgt Ion:162 Resp: 253064
 Ion Ratio Lower Upper
 162 100
 127 41.8 27.6 41.4#
 164 32.3 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

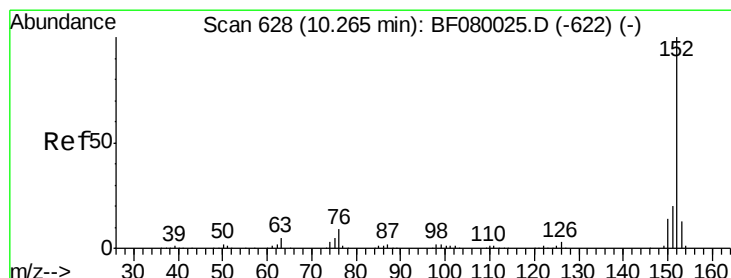
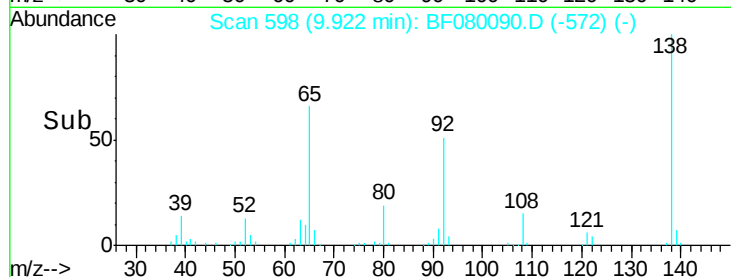
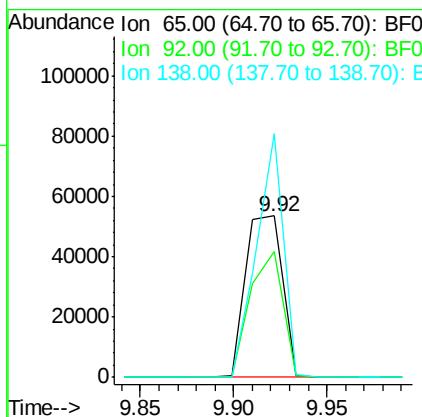
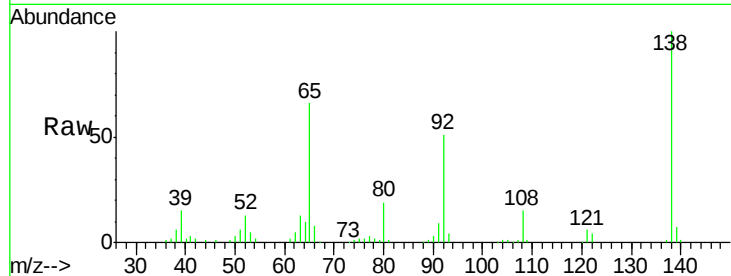




#47
2-Nitroaniline
Concen: 41.74 ng
RT: 9.92 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

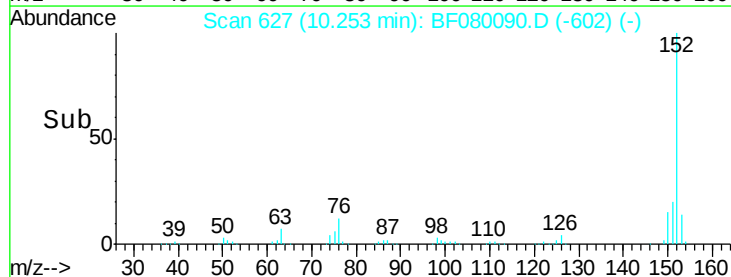
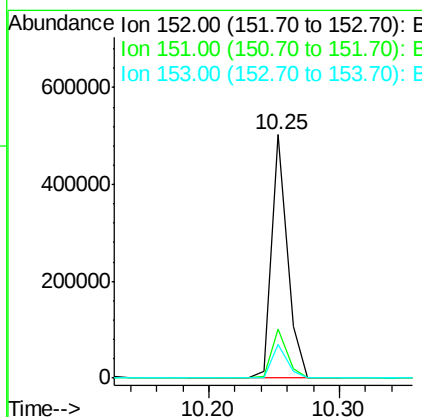
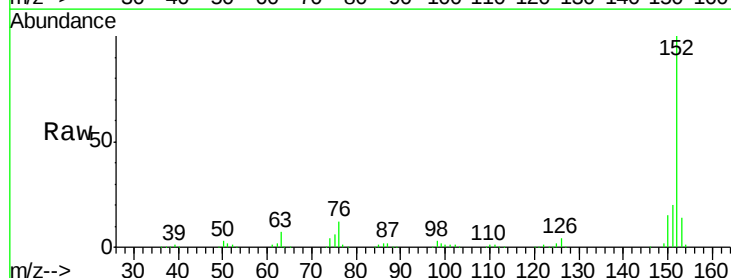
Instrument :
BNA_F
ClientSampleId :
PB84072BSD

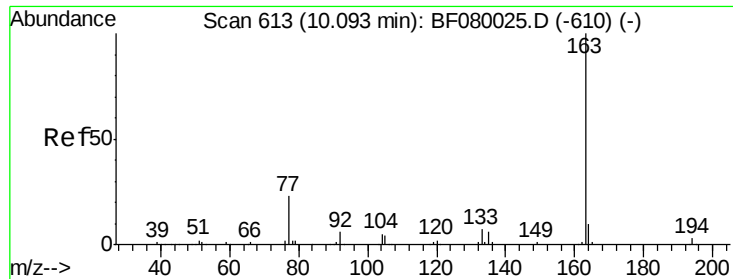
Tgt Ion: 65 Resp: 73476
Ion Ratio Lower Upper
65 100
92 77.5 55.4 83.0
138 150.8 115.5 173.3



#48
Acenaphthylene
Concen: 40.15 ng
RT: 10.25 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Tgt Ion: 152 Resp: 429659
Ion Ratio Lower Upper
152 100
151 20.3 14.6 22.0
153 13.6 10.3 15.5

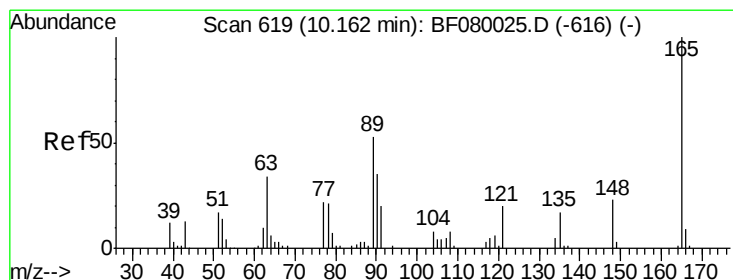
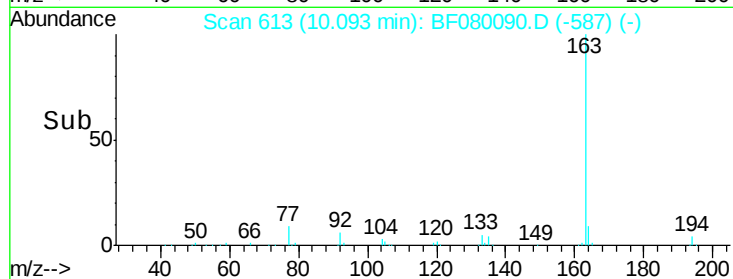
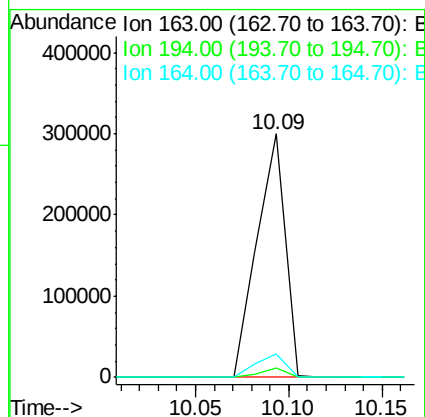
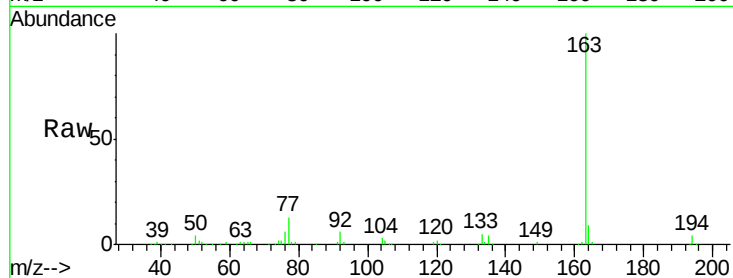




#49
Dimethylphthalate
Concen: 42.71 ng
RT: 10.09 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

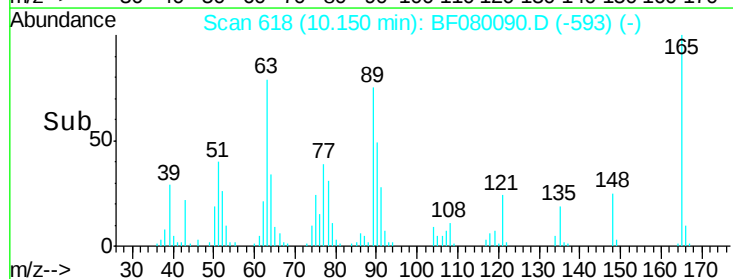
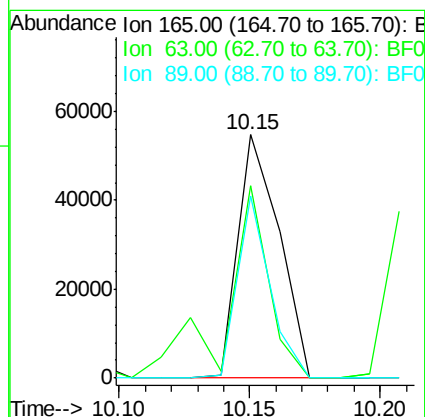
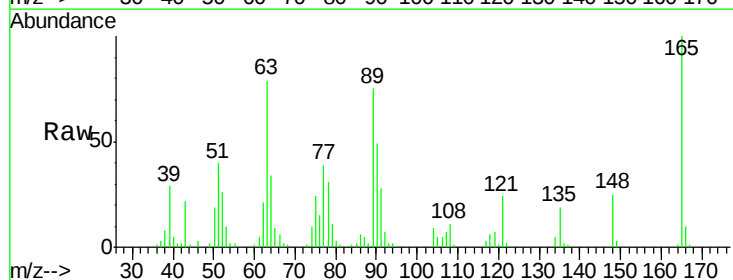
Instrument :
BNA_F
ClientSampleId :
PB84072BSD

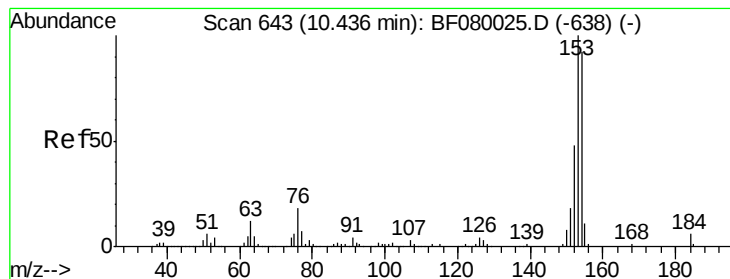
Tgt Ion:163 Resp: 311885
Ion Ratio Lower Upper
163 100
194 4.1 4.4 6.6#
164 9.4 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 41.31 ng
RT: 10.15 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Tgt Ion:165 Resp: 60476
Ion Ratio Lower Upper
165 100
63 79.3 32.3 48.5#
89 75.0 28.6 43.0#





#51

Acenaphthene

Concen: 40.70 ng

RT: 10.42 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Instrument :

BNA_F

ClientSampleId :

PB84072BSD

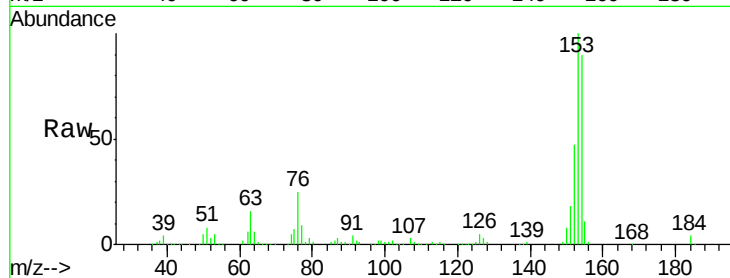
Tgt Ion:154 Resp: 266484

Ion Ratio Lower Upper

154 100

153 110.5 82.1 123.1

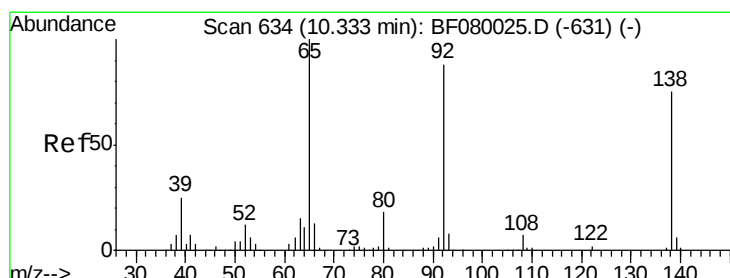
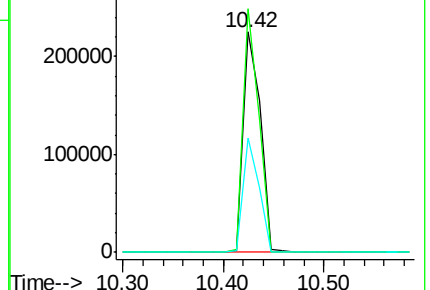
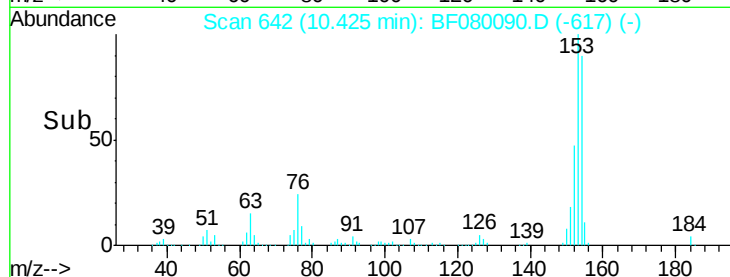
152 51.9 37.9 56.9



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: 29.19 ng

RT: 10.32 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

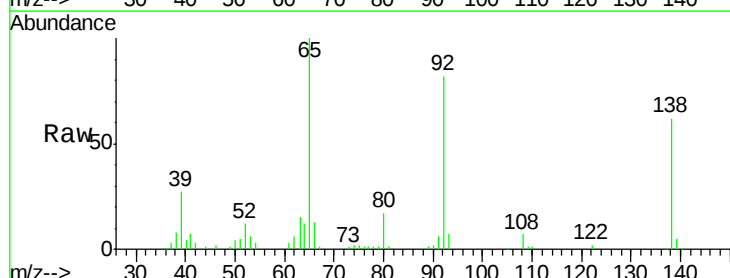
Tgt Ion:138 Resp: 49304

Ion Ratio Lower Upper

138 100

108 11.3 5.7 8.5#

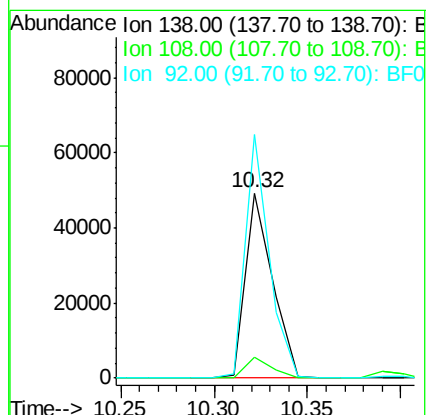
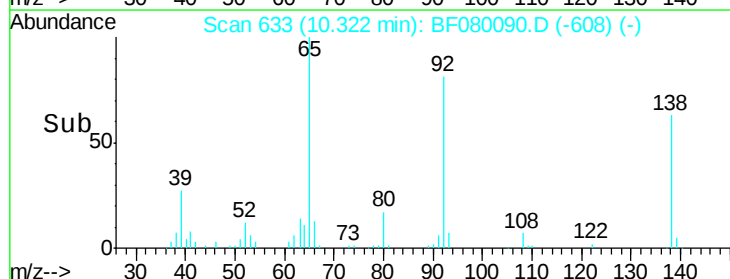
92 131.5 67.7 101.5#

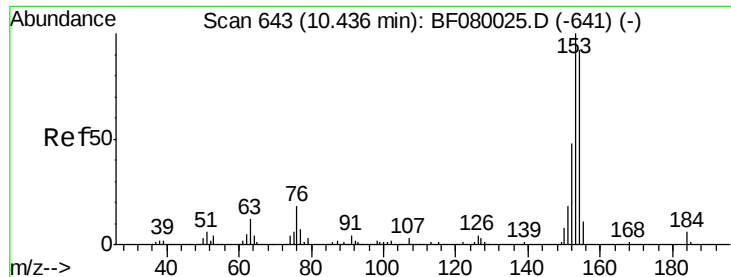


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

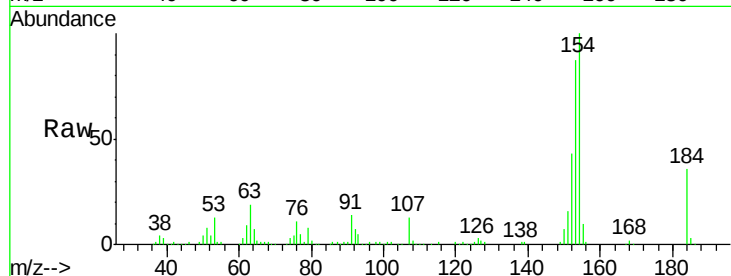




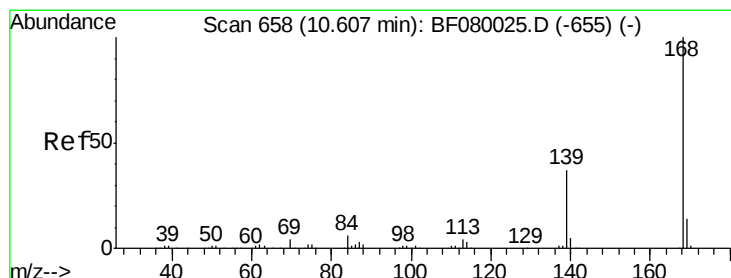
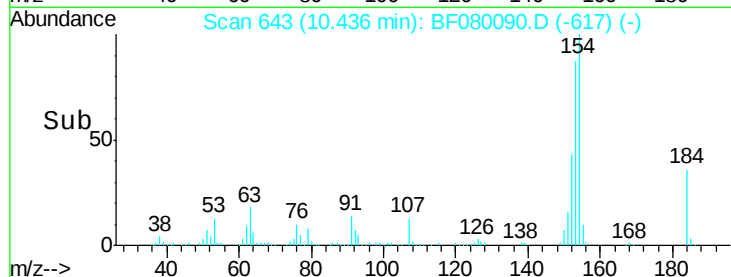
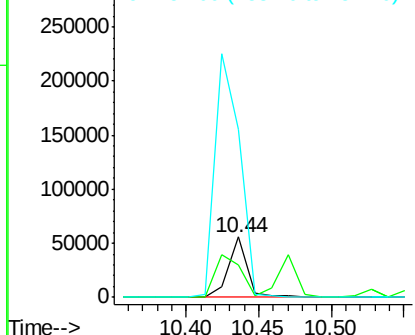
#53
2,4-Dinitrophenol
Concen: 83.38 ng
RT: 10.44 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Instrument :
BNA_F
ClientSampleId :
PB84072BSD

Tgt Ion:184 Resp: 49840
Ion Ratio Lower Upper
184 100
63 53.6 35.4 53.2#
154 276.9 32.2 48.4#

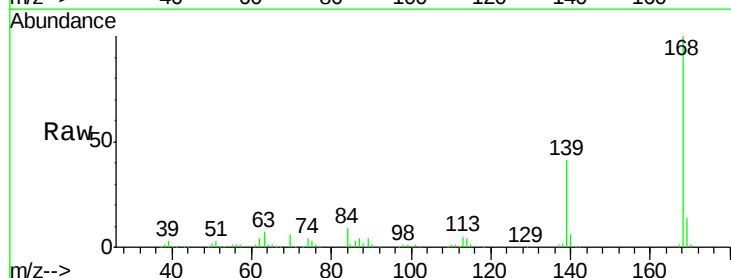


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

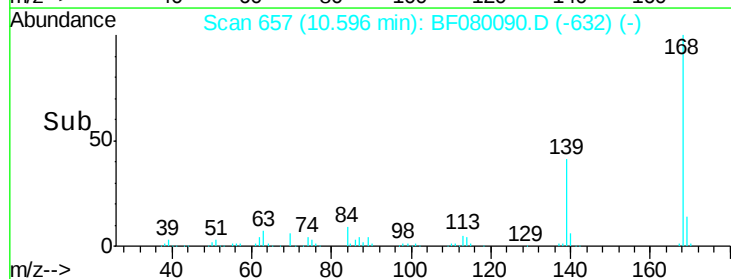
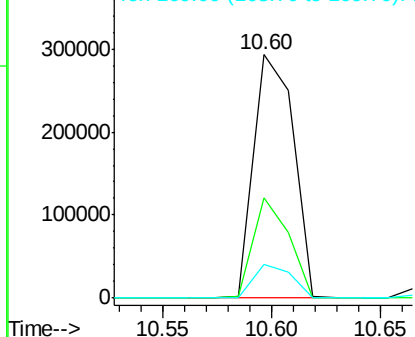


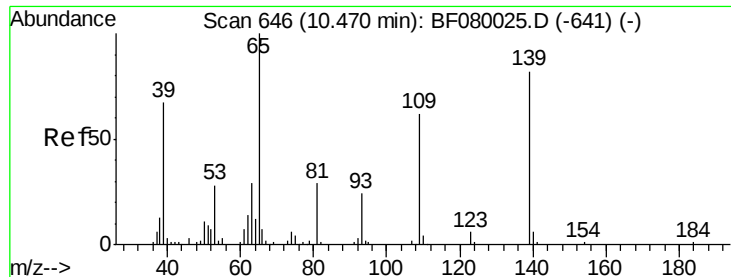
#54
Dibenzofuran
Concen: 40.43 ng
RT: 10.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Tgt Ion:168 Resp: 375571
Ion Ratio Lower Upper
168 100
139 41.3 24.2 36.2#
169 14.0 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: 88.50 ng

RT: 10.47 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Instrument :

BNA_F

ClientSampleId :

PB84072BSD

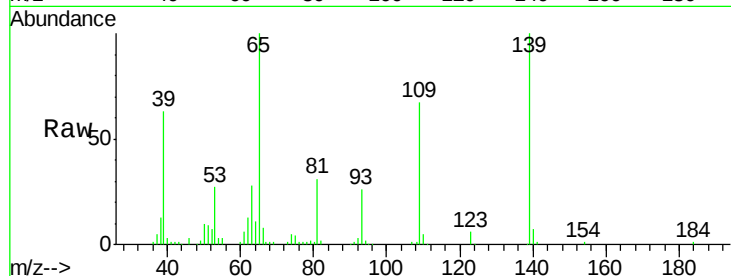
Tgt Ion:139 Resp: 119476

Ion Ratio Lower Upper

139 100

109 67.2 12.7 52.7#

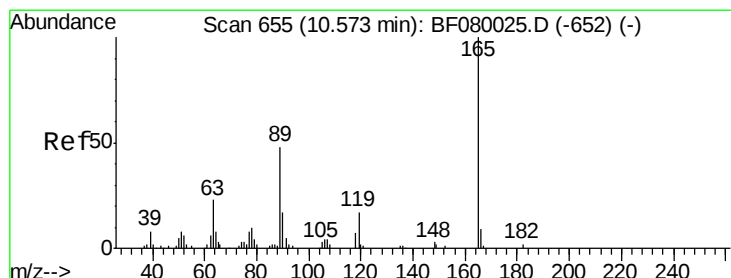
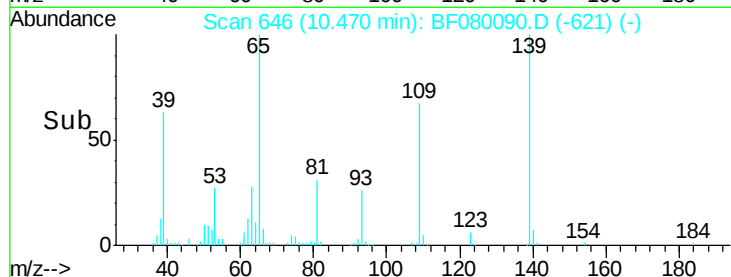
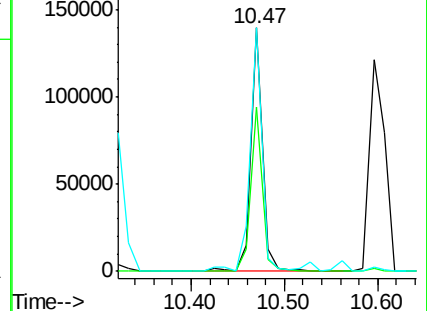
65 99.8 45.9 85.9#



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: 50.12 ng

RT: 10.56 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Tgt Ion:165 Resp: 93111

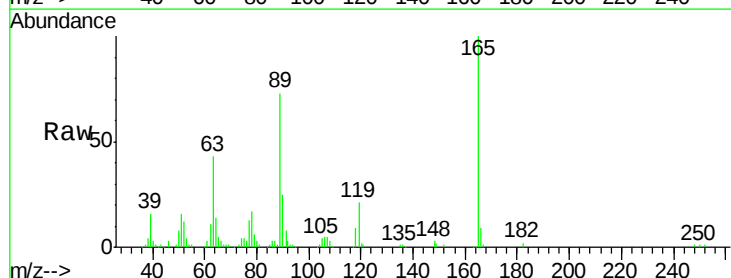
Ion Ratio Lower Upper

165 100

63 42.9 29.8 44.6

89 72.9 44.5 66.7#

182 2.1 3.0 4.4#

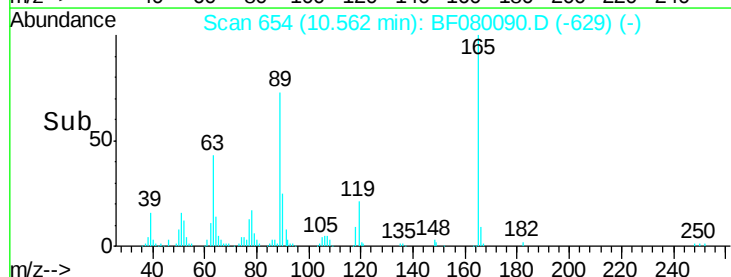
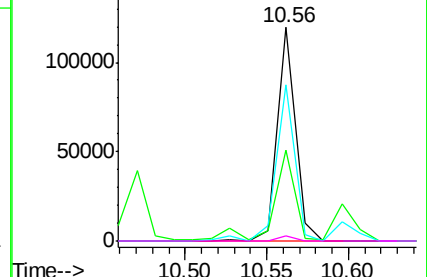


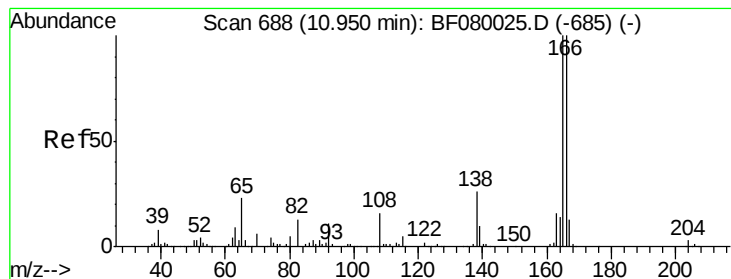
Abundance Ion 165.00 (164.70 to 165.70): E

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: 43.20 ng

RT: 10.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Instrument :

BNA_F

ClientSampleId :

PB84072BSD

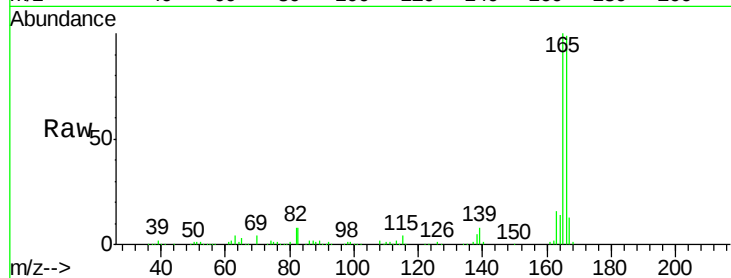
Tgt Ion:166 Resp: 318462

Ion Ratio Lower Upper

166 100

165 100.8 72.6 109.0

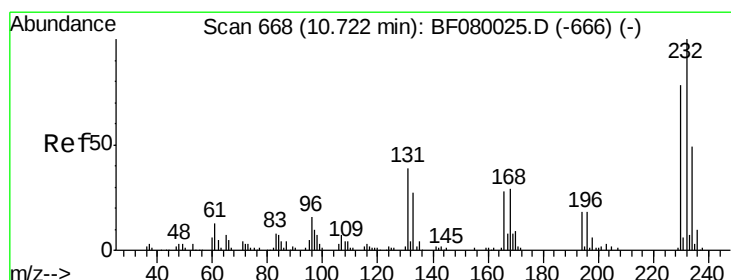
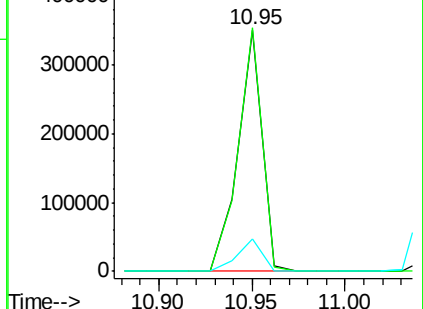
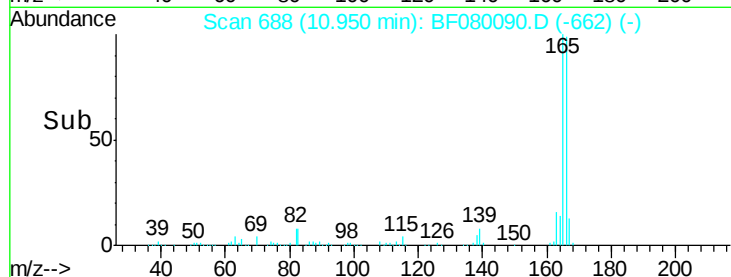
167 13.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.16 ng

RT: 10.71 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Tgt Ion:232 Resp: 75132

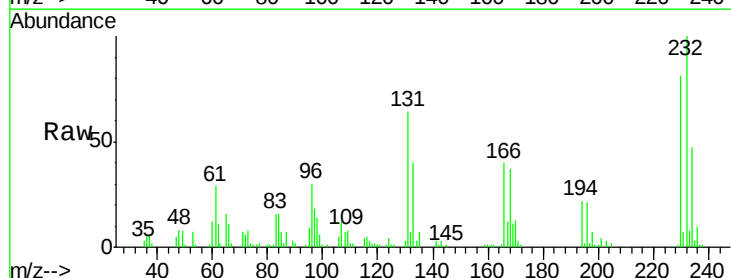
Ion Ratio Lower Upper

232 100

131 46.9 38.5 57.7

130 2.2 1.8 2.6

166 31.5 25.0 37.6

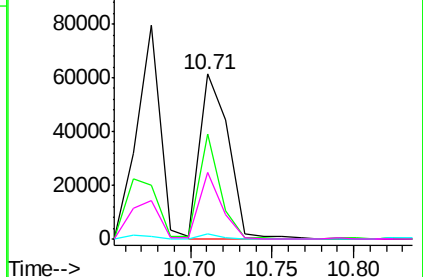
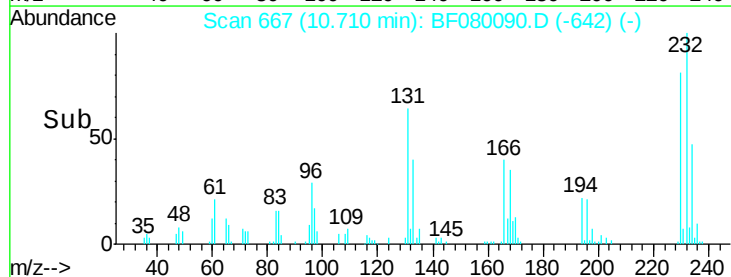


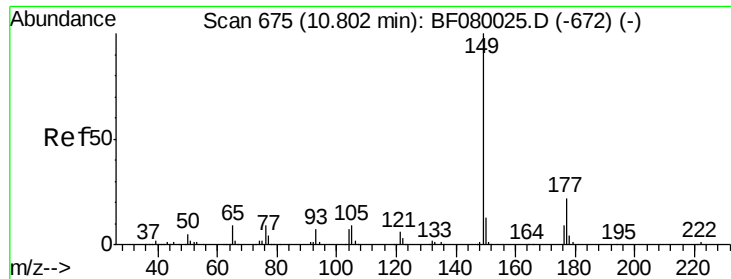
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

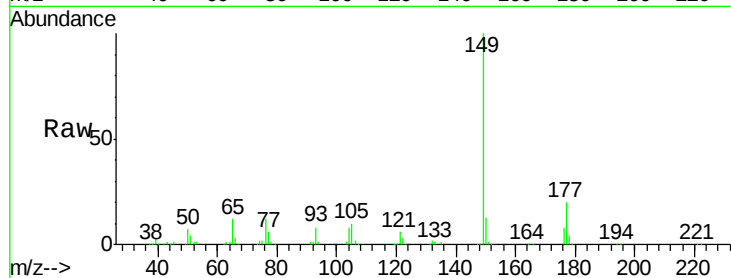




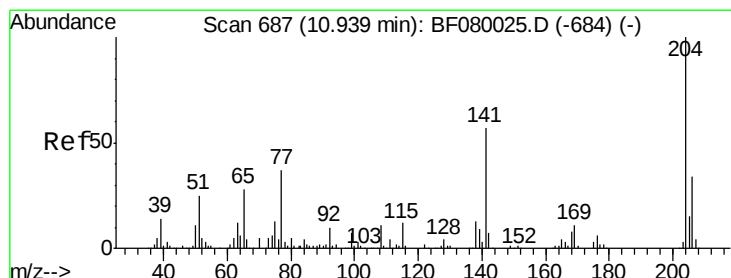
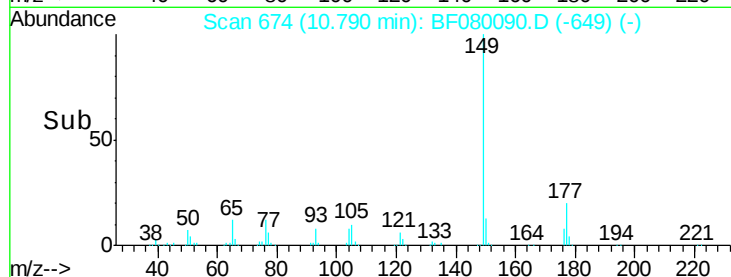
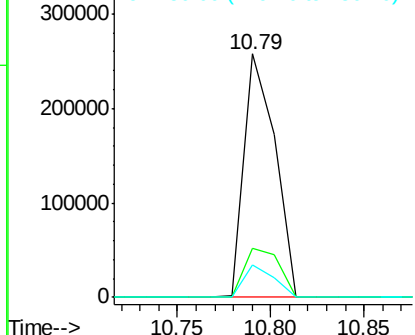
#59
Diethylphthalate
Concen: 40.42 ng
RT: 10.79 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Instrument :
BNA_F
ClientSampleId :
PB84072BSD

Tgt Ion:149 Resp: 297229
Ion Ratio Lower Upper
149 100
177 20.3 17.5 26.3
150 13.3 9.4 14.2

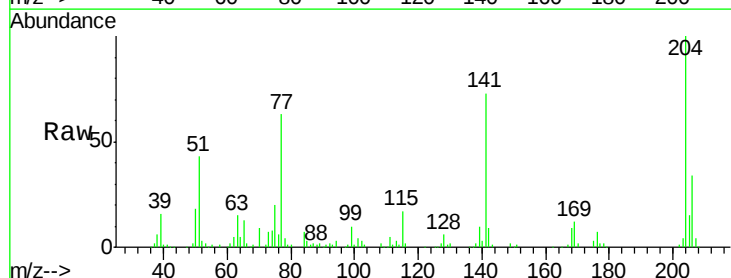


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

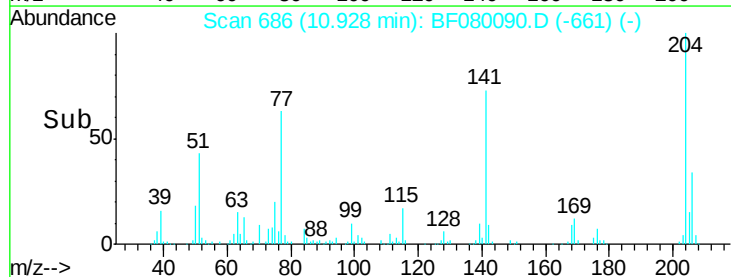
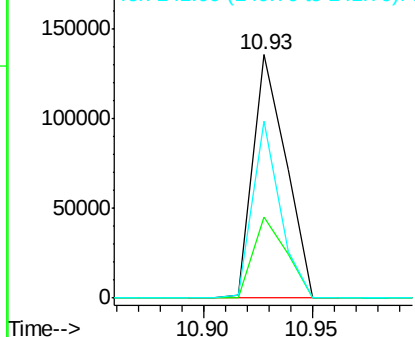


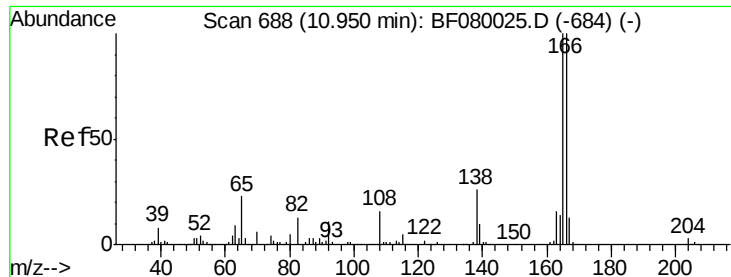
#60
4-Chlorophenyl-phenylether
Concen: 40.36 ng
RT: 10.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Tgt Ion:204 Resp: 142972
Ion Ratio Lower Upper
204 100
206 33.5 24.8 37.2
141 72.6 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

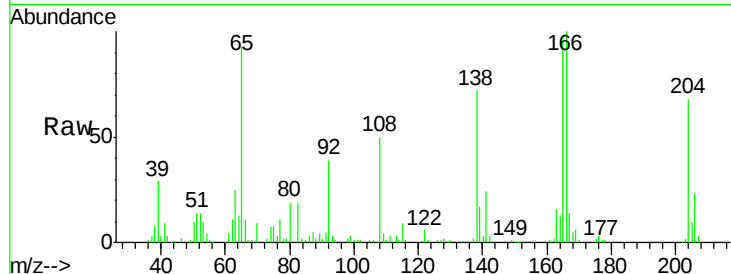




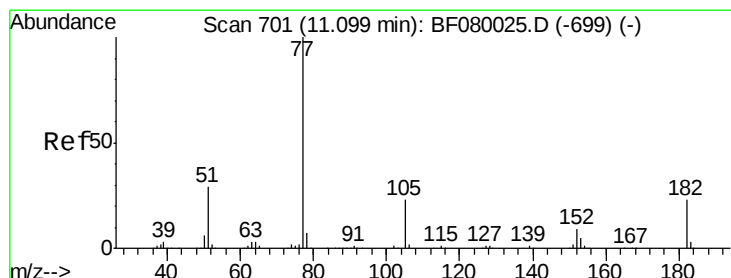
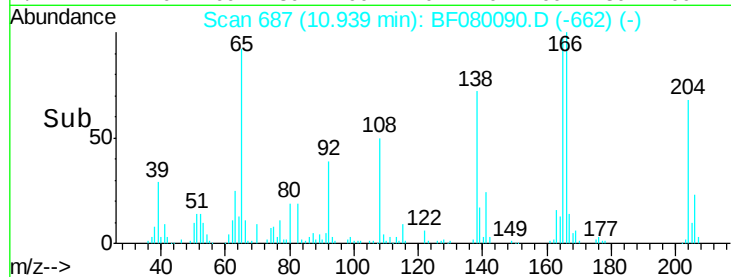
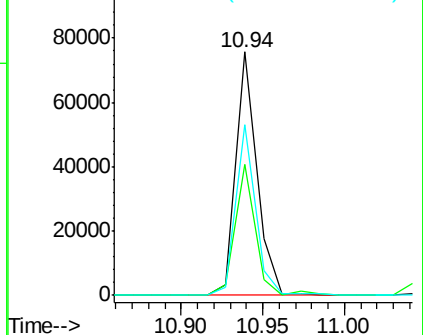
#61
4-Nitroaniline
Concen: 38.37 ng
RT: 10.94 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Instrument :
BNA_F
ClientSampleId :
PB84072BSD

Tgt Ion: 138 Resp: 66941
Ion Ratio Lower Upper
138 100
92 53.6 12.6 52.6#
108 69.9 12.4 52.4#

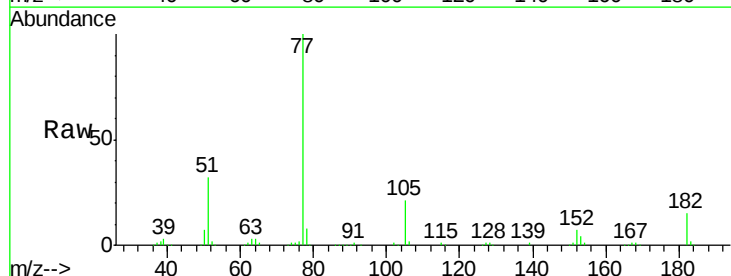


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

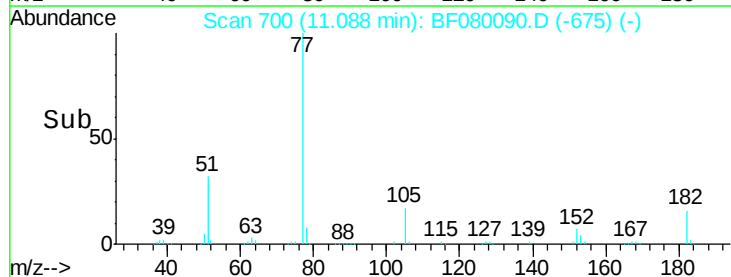
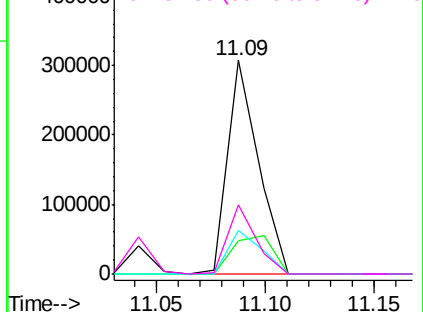


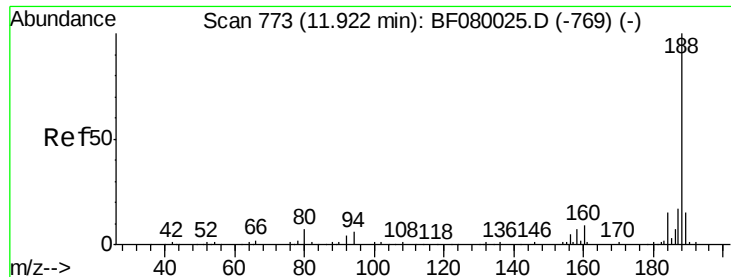
#62
Azobenzene
Concen: 40.05 ng
RT: 11.09 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Tgt Ion: 77 Resp: 299802
Ion Ratio Lower Upper
77 100
182 15.4 15.1 55.1
105 20.7 3.4 43.4
51 32.3 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

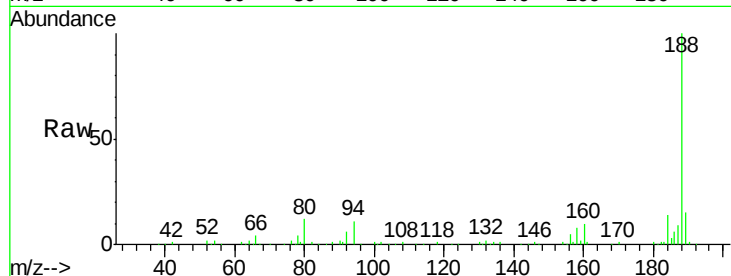




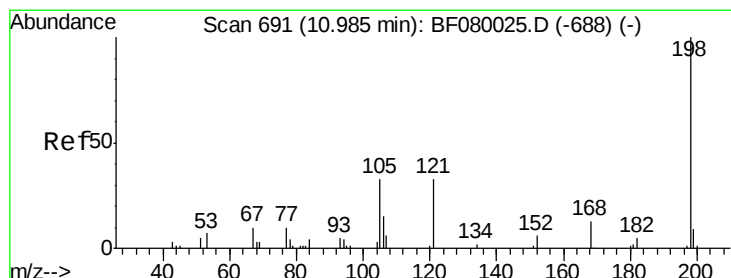
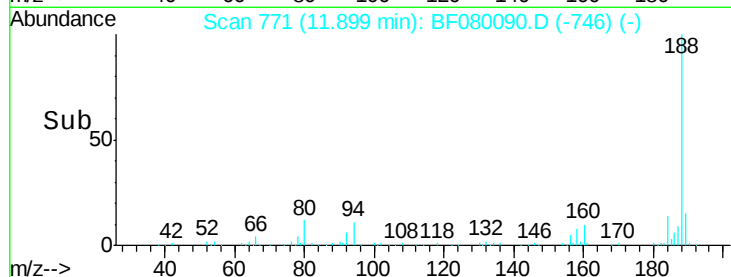
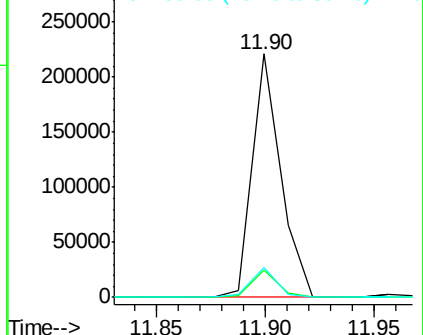
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Instrument :
BNA_F
ClientSampleId :
PB84072BSD

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	11.1	16.7
80	12.2	11.0	16.4

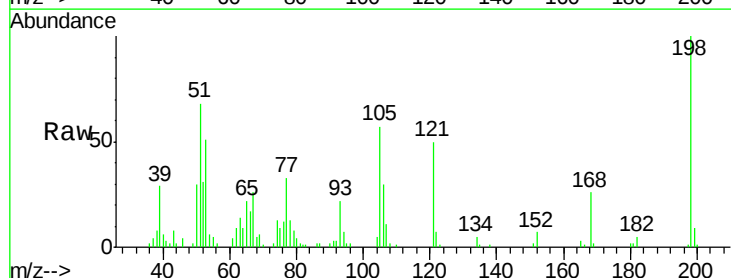


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

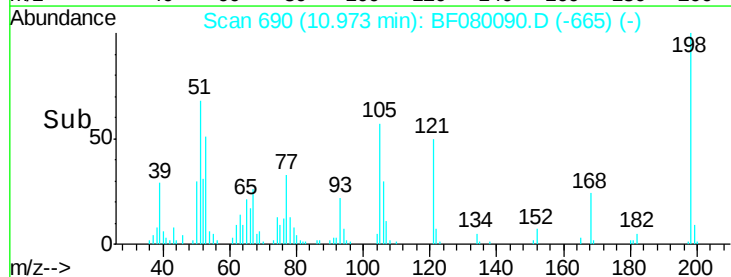
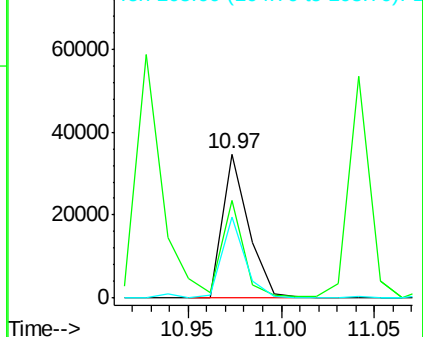


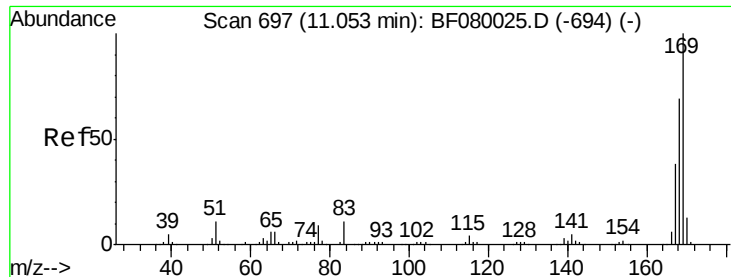
#64
4,6-Dinitro-2-methylphenol
Concen: 36.75 ng
RT: 10.97 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Tgt Ion	Ratio	Lower	Upper
198	100		
51	68.3	39.6	79.6
105	56.6	28.5	68.5



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

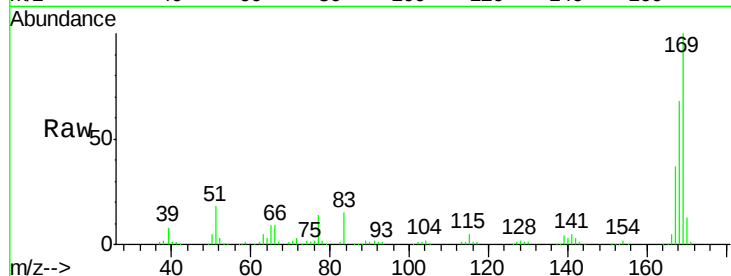




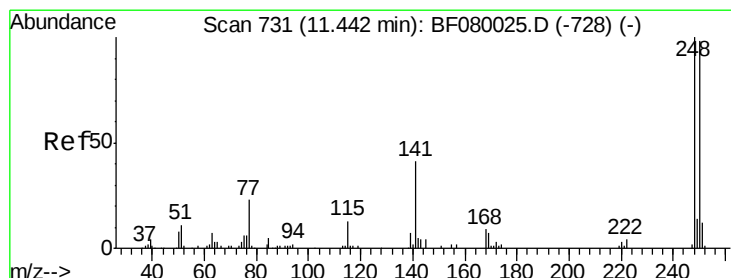
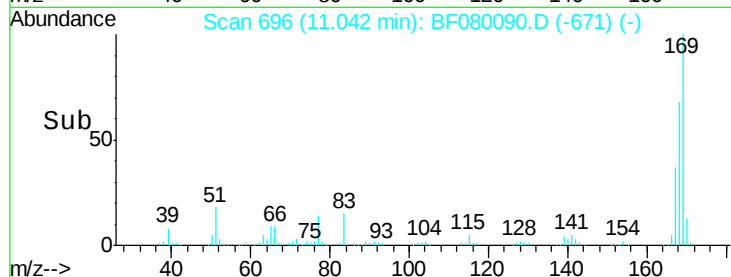
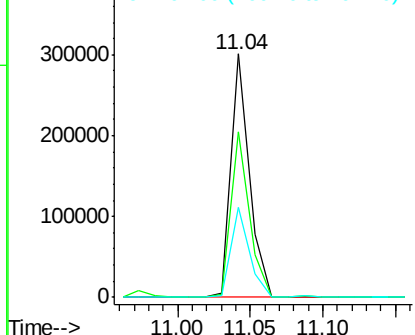
#65
 n-Nitrosodiphenylamine
 Concen: 40.42 ng
 RT: 11.04 min Scan# 696
 Delta R.T. -0.01 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BSD

Tgt Ion:169 Resp: 264813
 Ion Ratio Lower Upper
 169 100
 168 67.9 48.9 73.3
 167 36.8 26.2 39.4

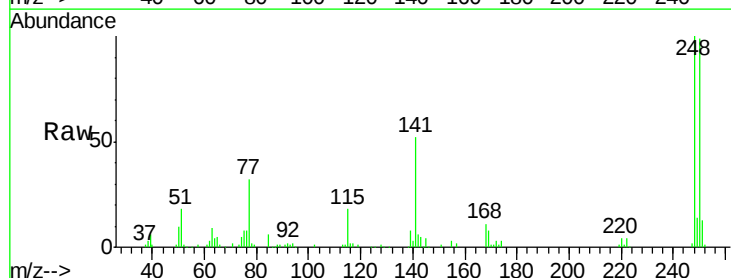


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

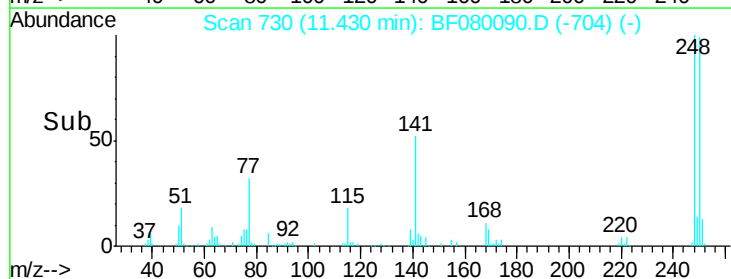
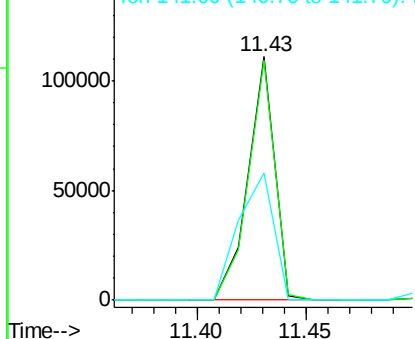


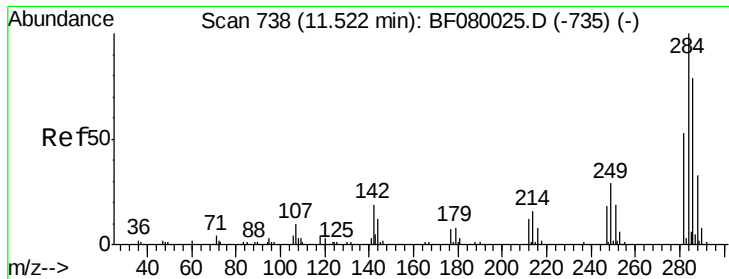
#66
 4-Bromophenyl-phenylether
 Concen: 44.08 ng
 RT: 11.43 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Tgt Ion:248 Resp: 94303
 Ion Ratio Lower Upper
 248 100
 250 98.6 78.5 117.7
 141 52.0 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

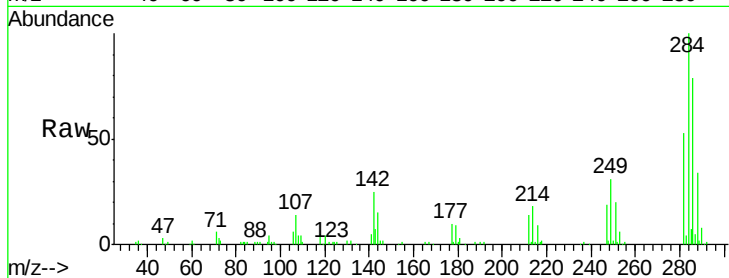




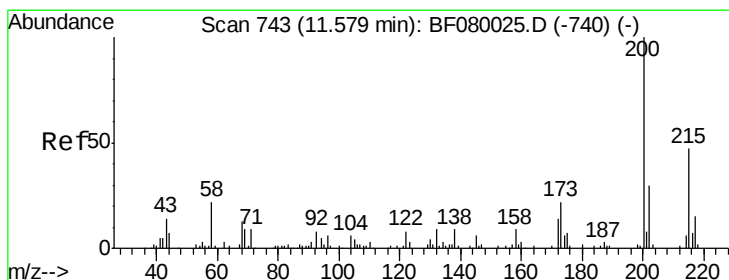
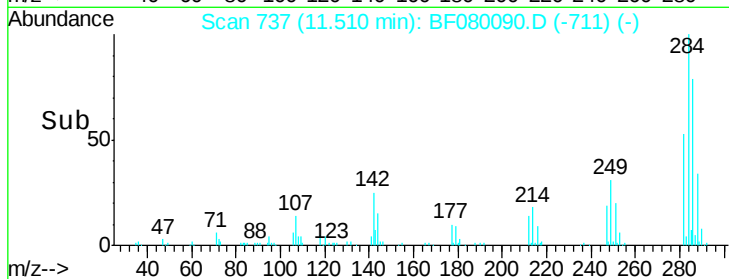
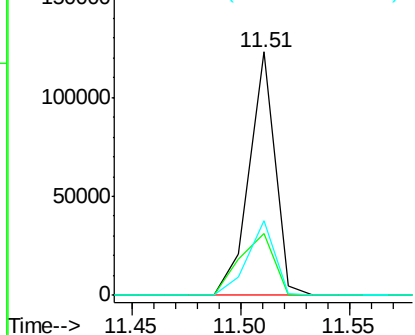
#67
Hexachlorobenzene
Concen: 42.89 ng
RT: 11.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Instrument :
BNA_F
ClientSampleId :
PB84072BSD

Tgt Ion:284 Resp: 101968
Ion Ratio Lower Upper
284 100
142 25.5 29.5 44.3#
249 30.8 19.5 29.3#

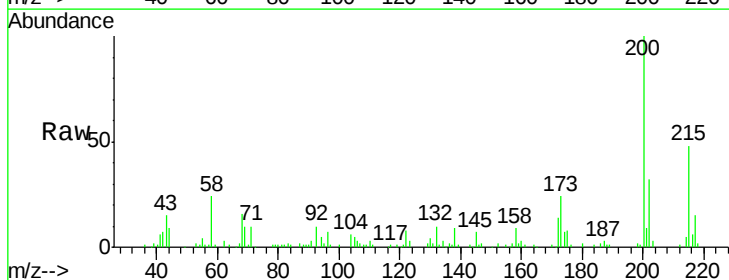


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

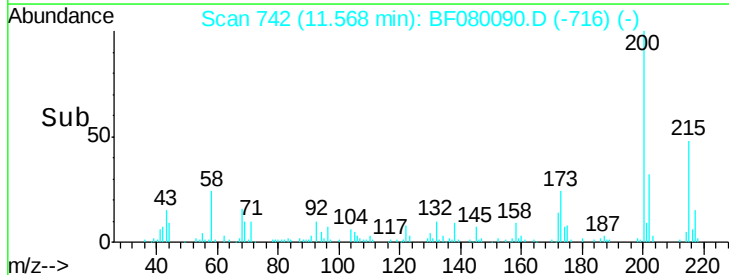
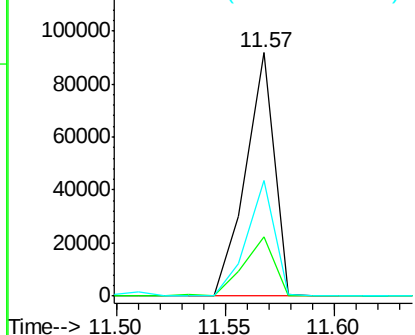


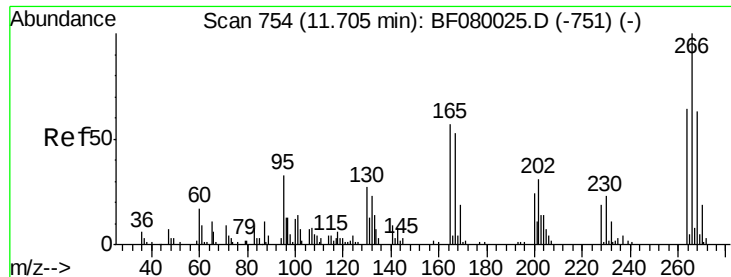
#68
Atrazine
Concen: 40.62 ng
RT: 11.57 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF080090.D
Acq: 20 Jun 2015 9:21

Tgt Ion:200 Resp: 84066
Ion Ratio Lower Upper
200 100
173 24.3 13.2 53.2
215 47.6 41.8 81.8



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

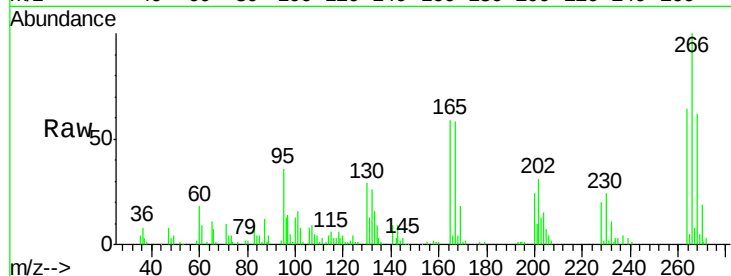




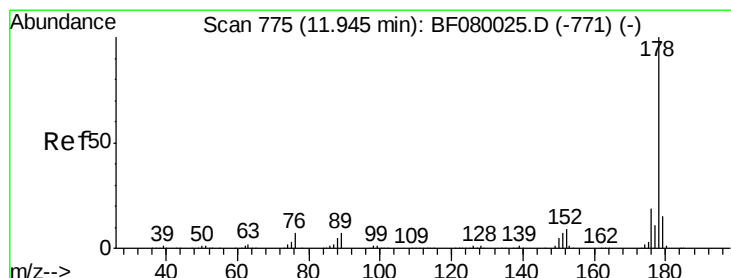
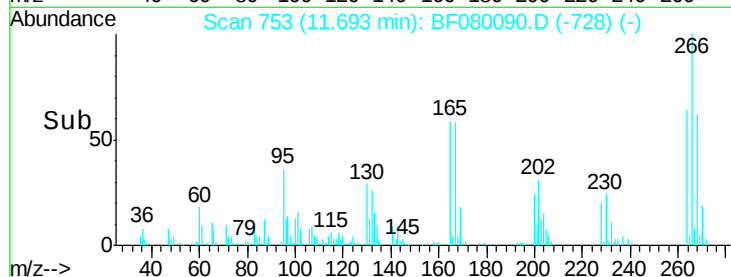
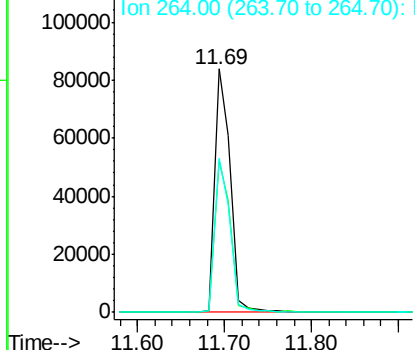
#69
 Pentachlorophenol
 Concen: 78.71 ng
 RT: 11.69 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BSD

Tgt Ion: 266 Resp: 106042
 Ion Ratio Lower Upper
 266 100
 268 62.3 49.8 74.6
 264 63.5 50.2 75.2

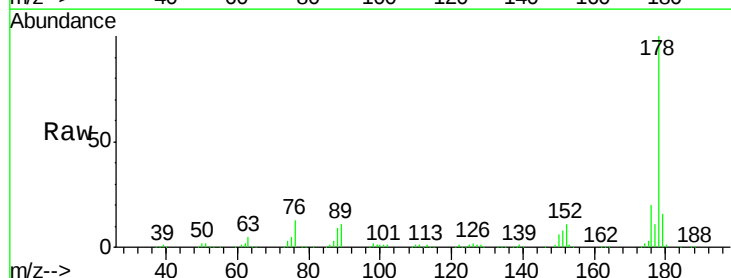


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

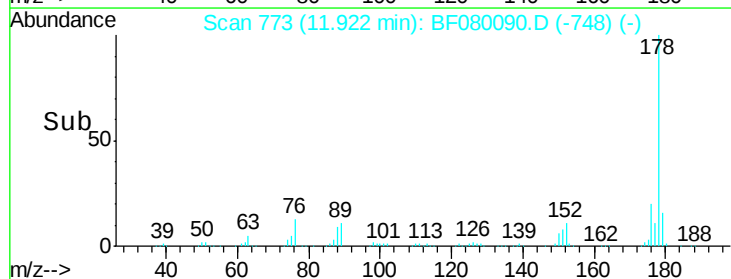
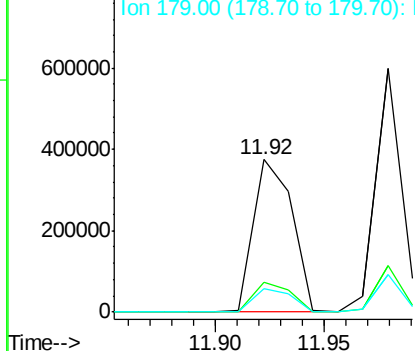


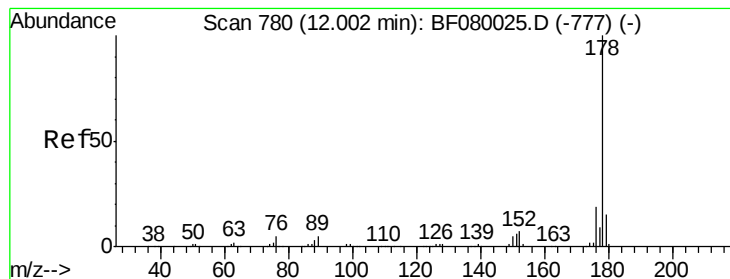
#70
 Phenanthrene
 Concen: 38.21 ng
 RT: 11.92 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Tgt Ion: 178 Resp: 465450
 Ion Ratio Lower Upper
 178 100
 176 19.7 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: 42.43 ng

RT: 11.98 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Instrument :

BNA_F

ClientSampleId :

PB84072BSD

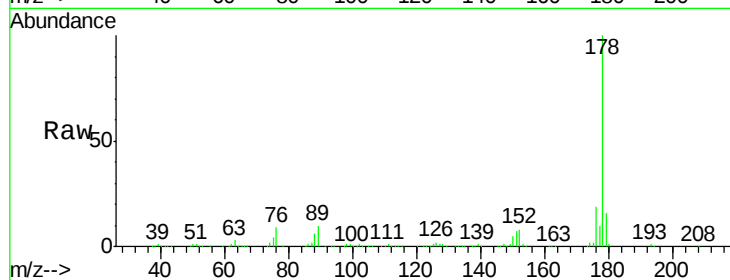
Tgt Ion:178 Resp: 497613

Ion Ratio Lower Upper

178 100

176 19.2 14.1 21.1

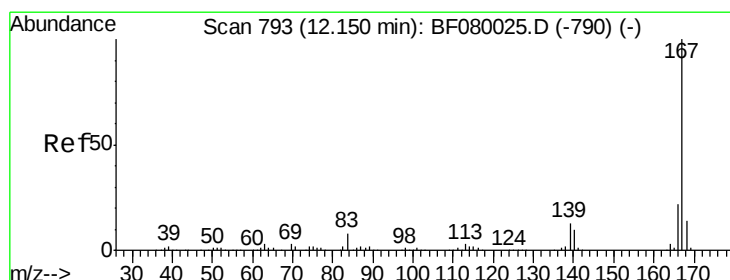
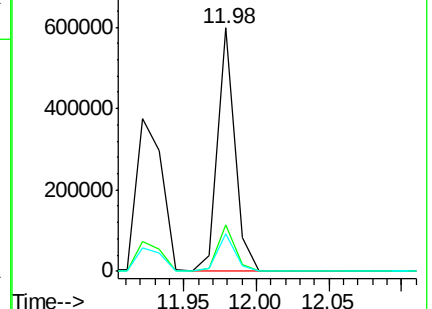
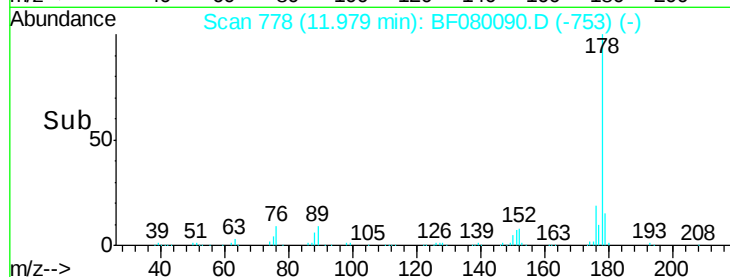
179 15.6 12.2 18.2



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



#72

Carbazole

Concen: 37.80 ng

RT: 12.13 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

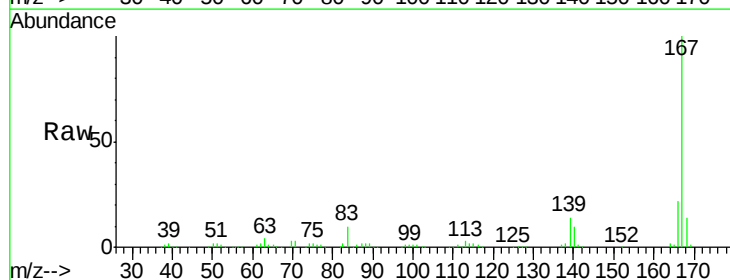
Tgt Ion:167 Resp: 423209

Ion Ratio Lower Upper

167 100

166 21.8 15.7 23.5

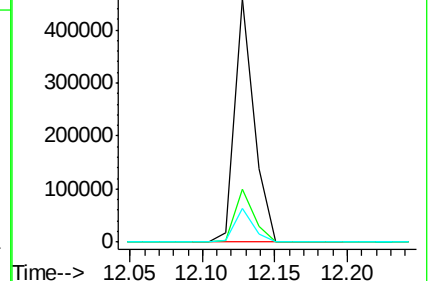
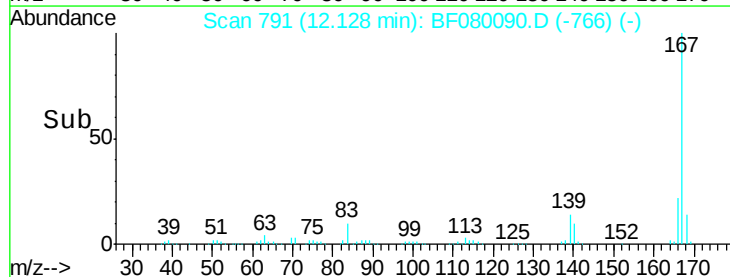
139 13.7 9.5 14.3

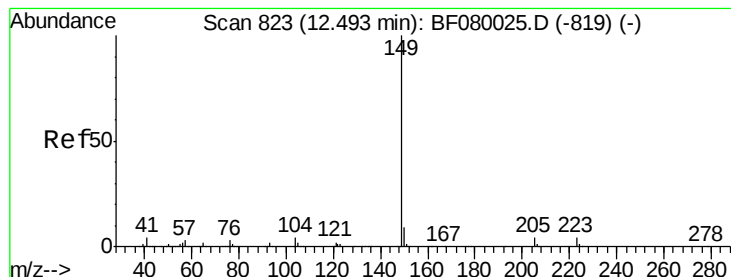


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.87 ng

RT: 12.46 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Instrument :

BNA_F

ClientSampleId :

PB84072BSD

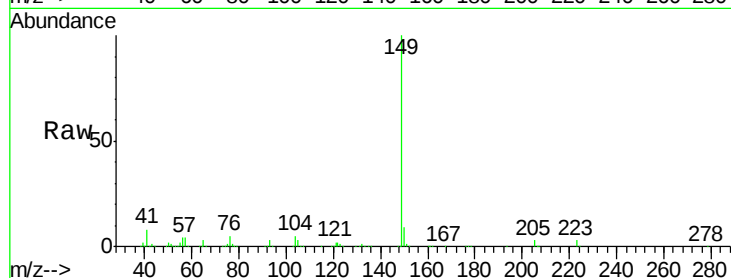
Tgt Ion:149 Resp: 541614

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

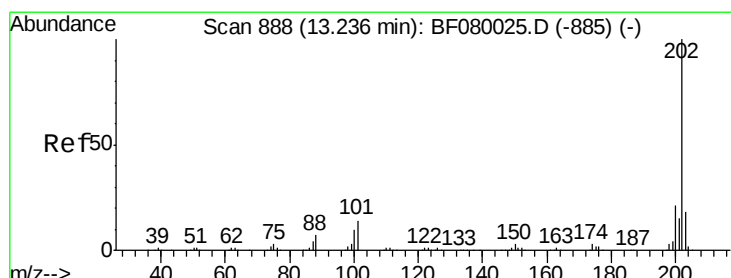
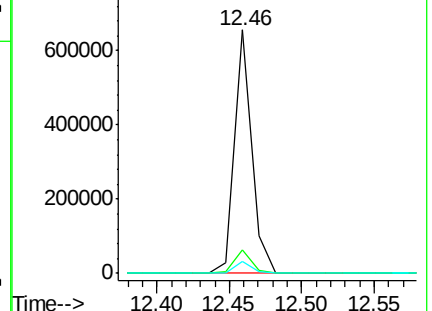
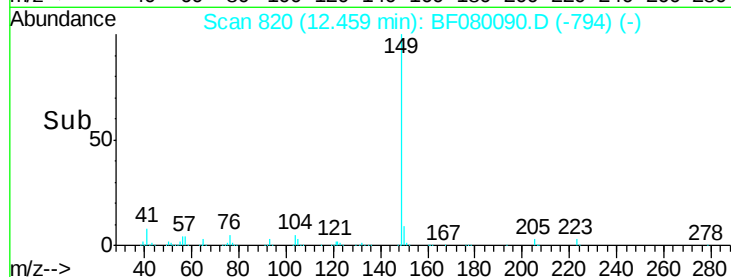
104 4.7 2.4 3.6#



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: 39.04 ng

RT: 13.19 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

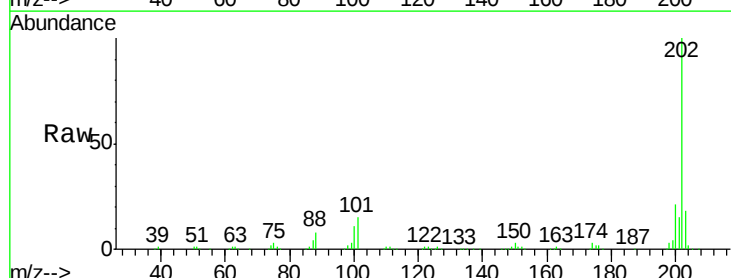
Tgt Ion:202 Resp: 506391

Ion Ratio Lower Upper

202 100

101 15.2 0.0 38.3

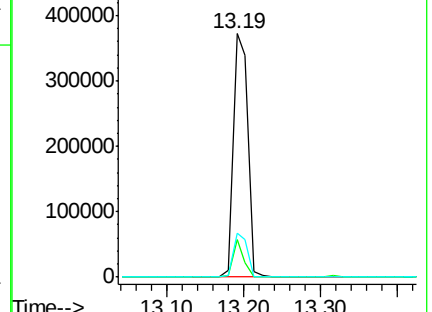
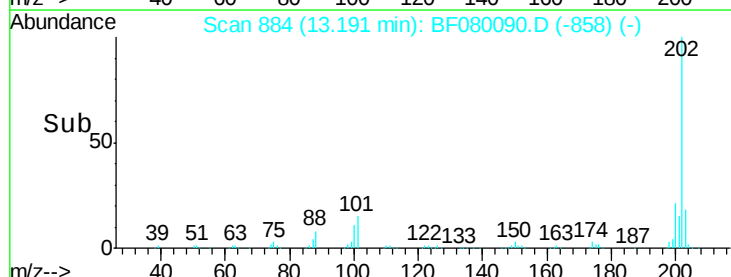
203 18.0 0.0 37.3

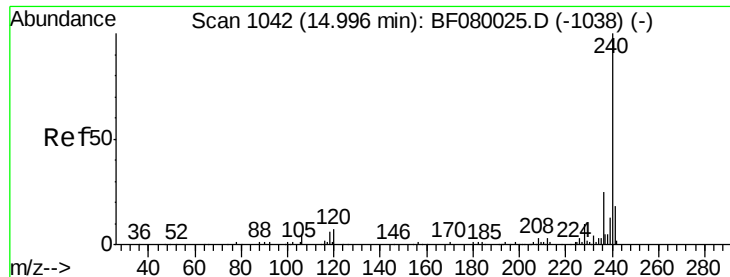


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.89 min Scan# 1033

Delta R.T. 0.03 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Instrument :

BNA_F

ClientSampleId :

PB84072BSD

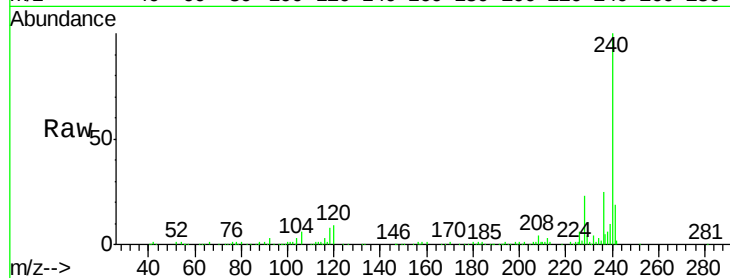
Tgt Ion:240 Resp: 212991

Ion Ratio Lower Upper

240 100

120 9.0 16.2 24.2#

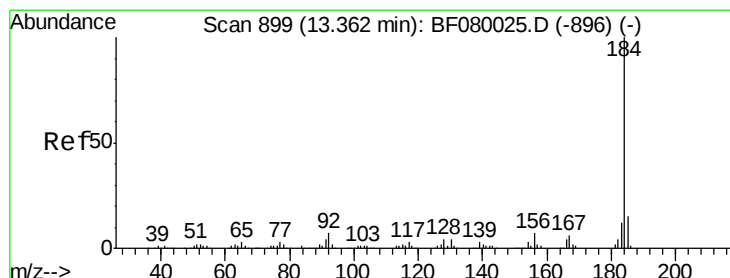
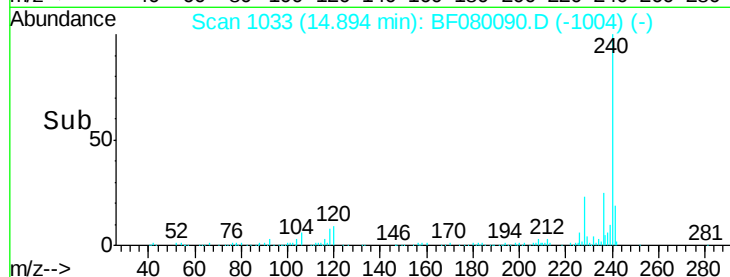
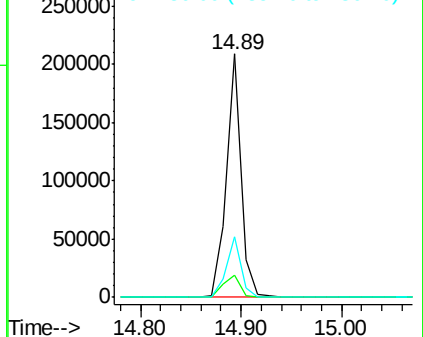
236 24.7 18.4 27.6



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: 56.76 ng

RT: 13.32 min Scan# 895

Delta R.T. 0.01 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

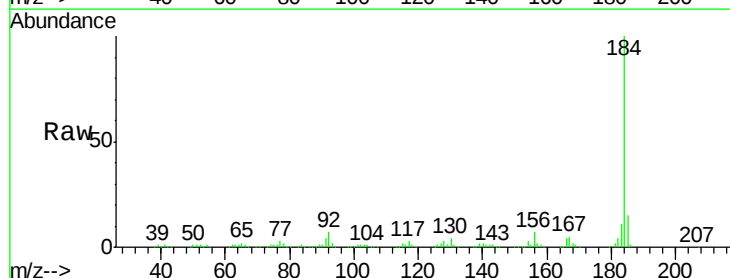
Tgt Ion:184 Resp: 337938

Ion Ratio Lower Upper

184 100

185 14.6 11.8 17.6

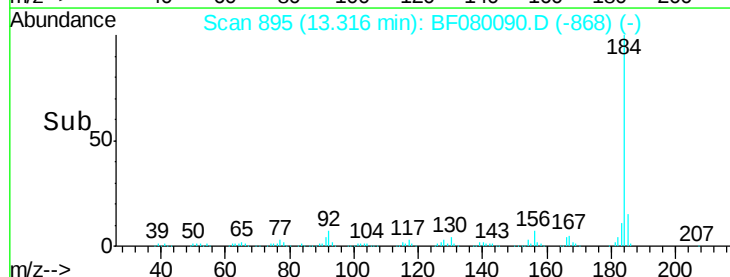
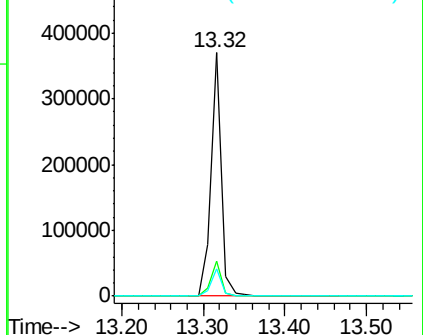
183 11.0 7.6 11.4

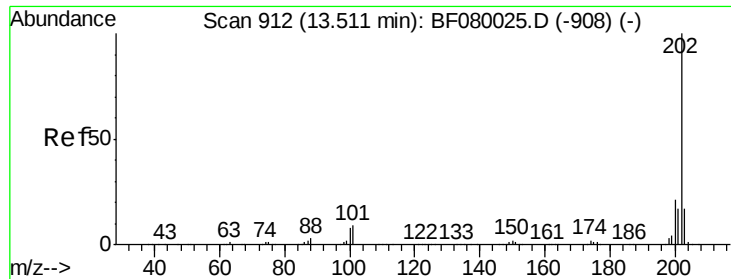


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

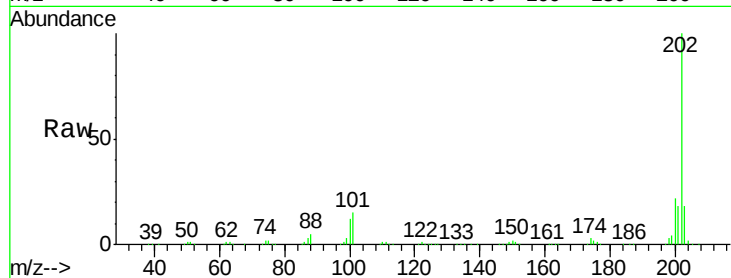




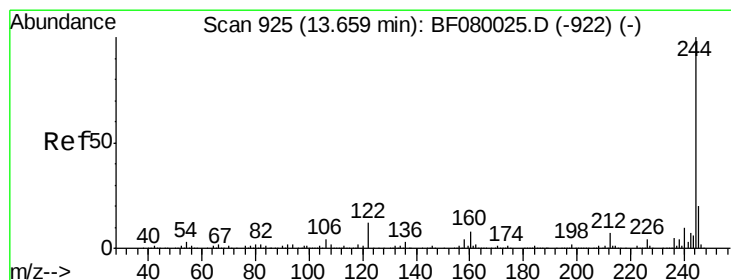
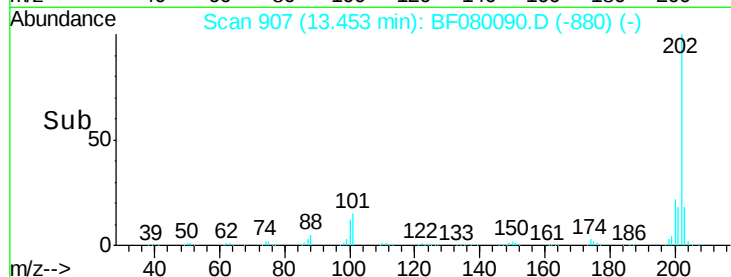
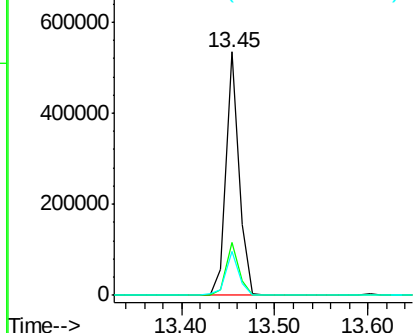
#77
 Pyrene
 Concen: 39.71 ng
 RT: 13.45 min Scan# 907
 Delta R.T. 0.01 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BSD

Tgt Ion: 202 Resp: 520813
 Ion Ratio Lower Upper
 202 100
 200 22.0 15.0 22.4
 203 18.0 14.1 21.1

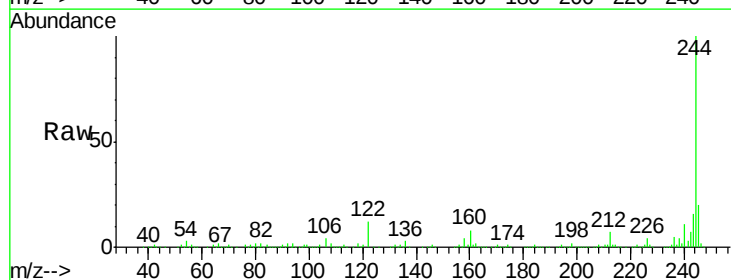


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

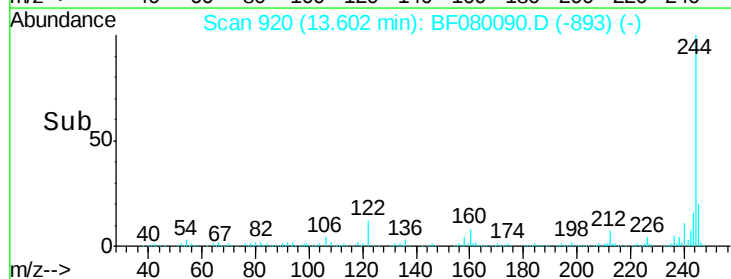
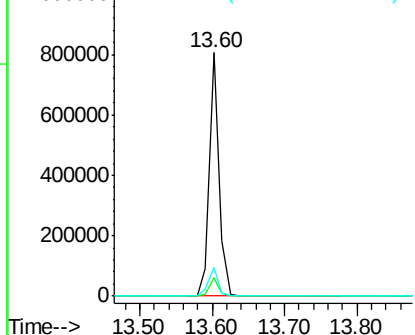


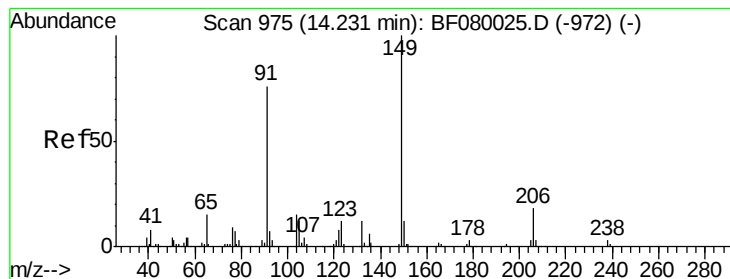
#78
 Terphenyl-d14
 Concen: 82.36 ng
 RT: 13.60 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Tgt Ion: 244 Resp: 751125
 Ion Ratio Lower Upper
 244 100
 212 7.4 4.3 6.5#
 122 12.0 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: 43.53 ng

RT: 14.15 min Scan# 968

Delta R.T. 0.01 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Instrument :

BNA_F

ClientSampleId :

PB84072BSD

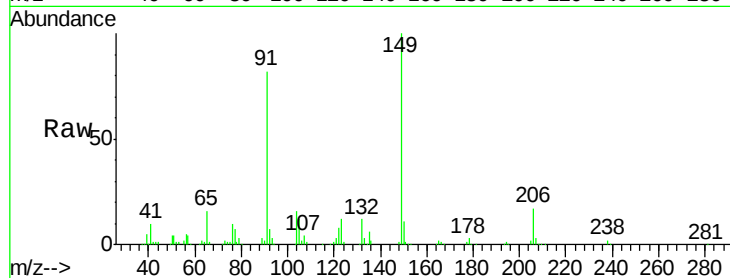
Tgt Ion:149 Resp: 229238

Ion Ratio Lower Upper

149 100

91 81.6 48.6 72.8#

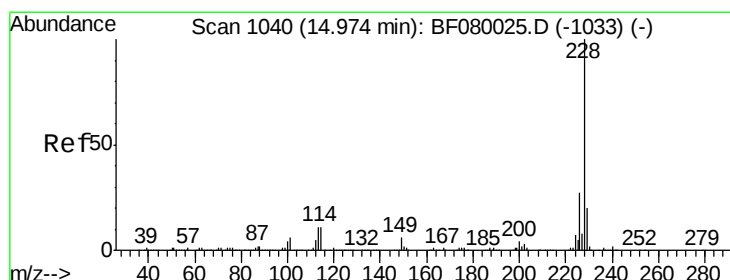
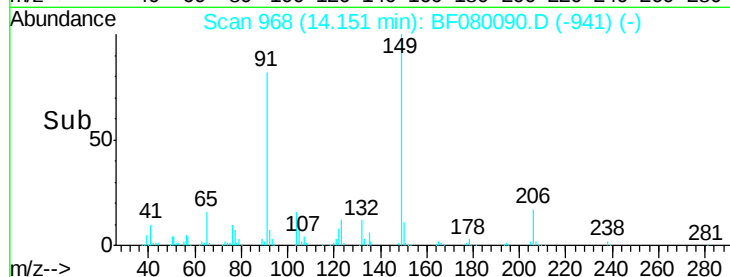
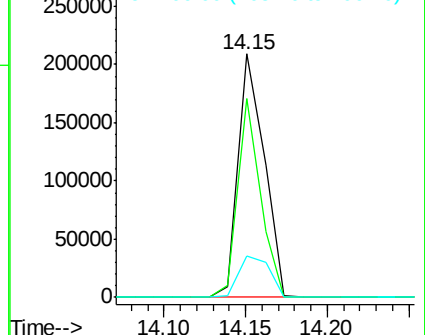
206 17.2 14.9 22.3



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: 39.64 ng

RT: 14.88 min Scan# 1032

Delta R.T. 0.03 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

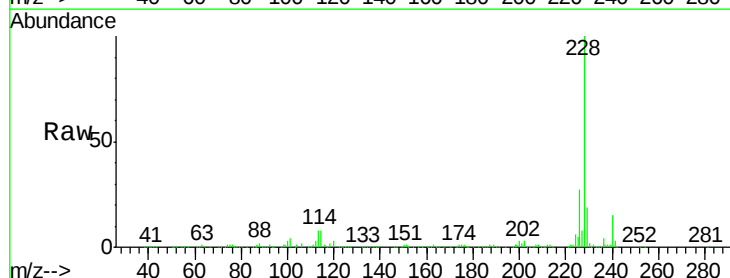
Tgt Ion:228 Resp: 514318

Ion Ratio Lower Upper

228 100

226 27.5 20.0 30.0

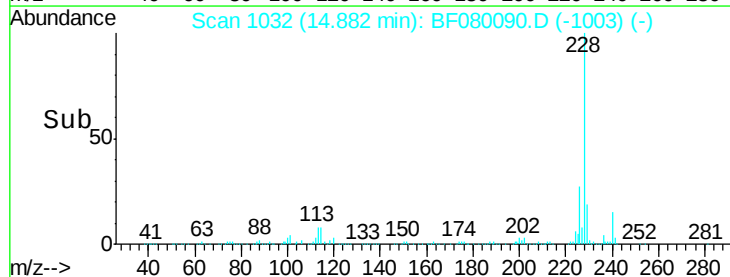
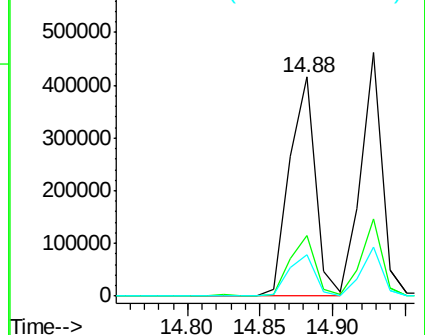
229 19.1 15.4 23.2

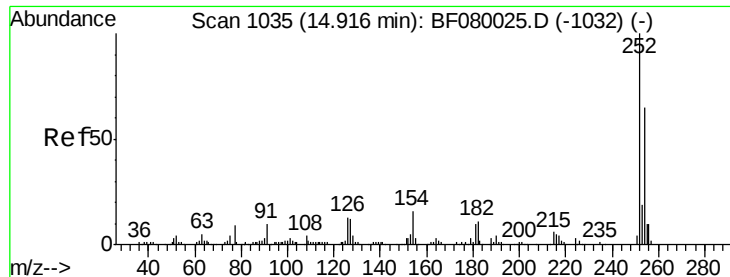


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

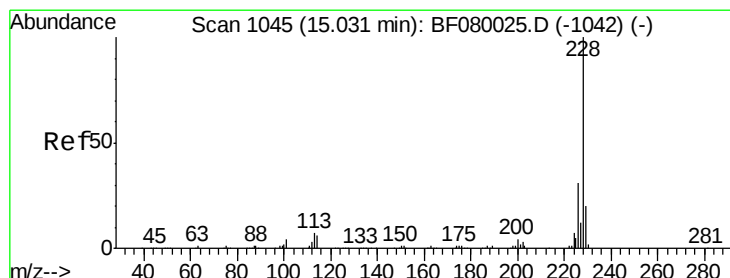
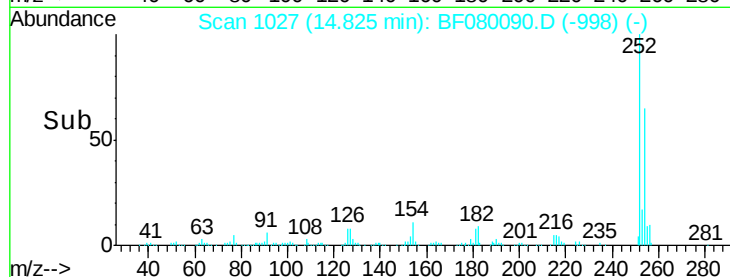
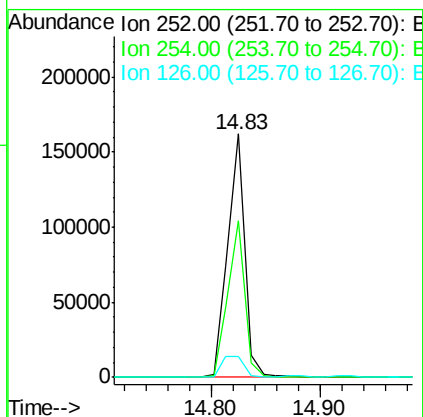
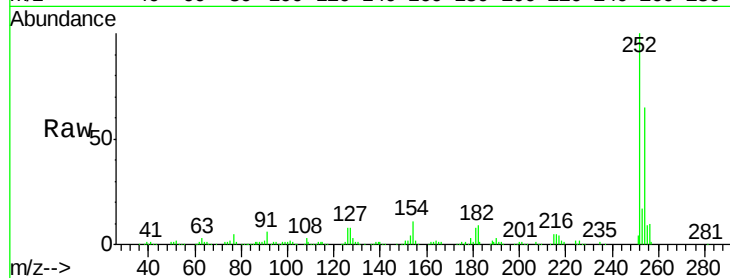




#81
 3,3'-Dichlorobenzidine
 Concen: 39.33 ng
 RT: 14.83 min Scan# 1027
 Delta R.T. 0.03 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

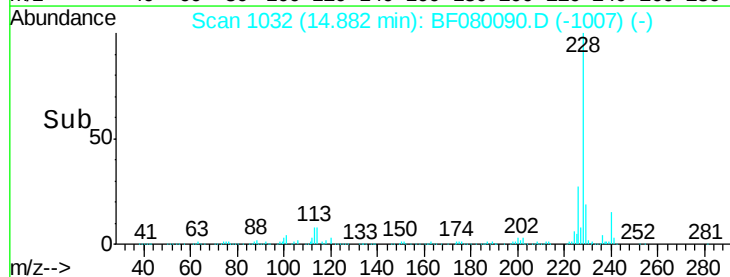
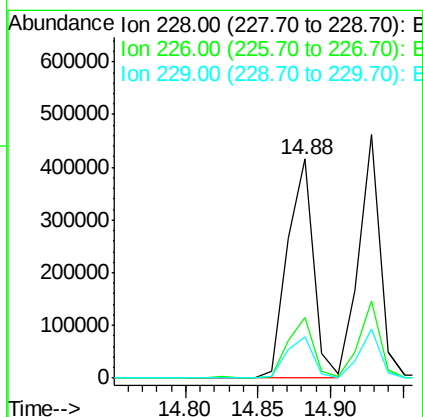
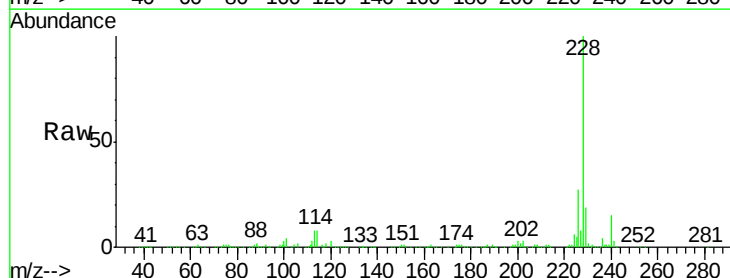
Instrument :
 BNA_F
 ClientSampleId :
 PB84072BSD

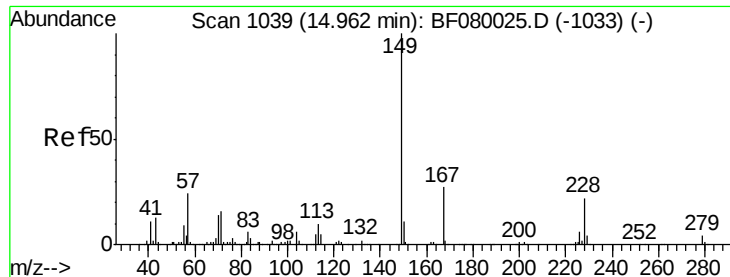
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.4	77.2
126	8.5	16.4	24.6#



#82
 Chrysene
 Concen: 42.98 ng
 RT: 14.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF080090.D
 Acq: 20 Jun 2015 9:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.0	31.4
229	19.1	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.10 ng

RT: 14.86 min Scan# 1030

Delta R.T. 0.03 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Instrument :

BNA_F

ClientSampleId :

PB84072BSD

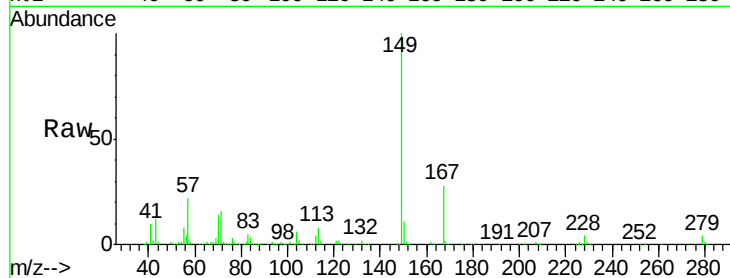
Tgt Ion:149 Resp: 350410

Ion Ratio Lower Upper

149 100

167 27.8 24.2 36.2

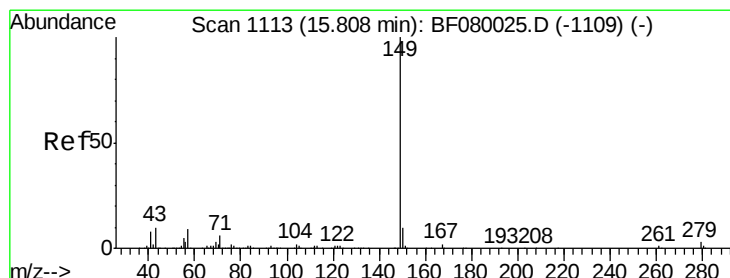
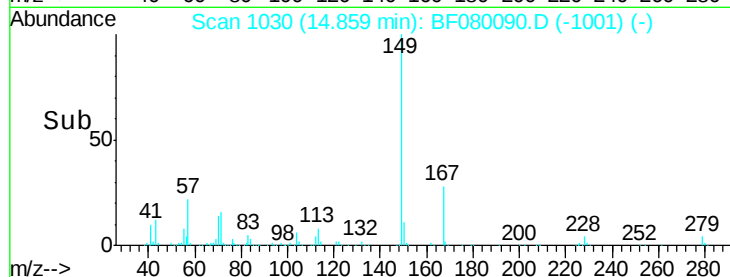
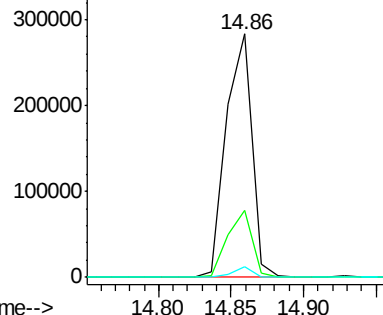
279 4.2 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.60 ng

RT: 15.67 min Scan# 1101

Delta R.T. 0.03 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

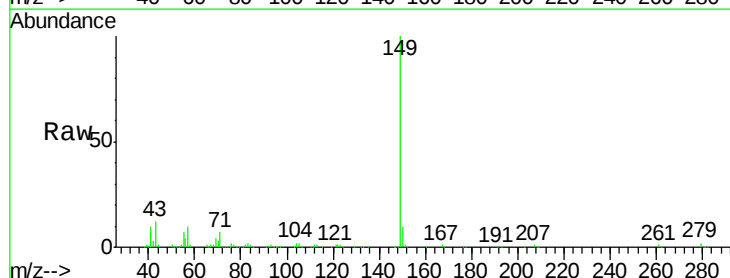
Tgt Ion:149 Resp: 593306

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

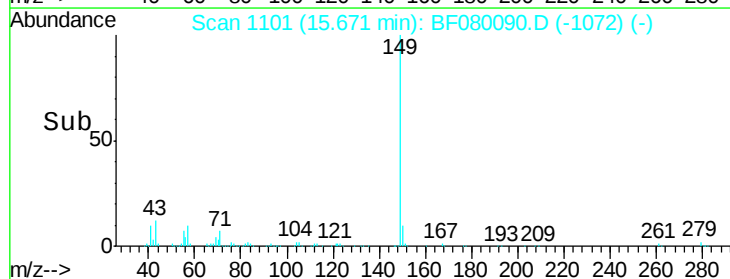
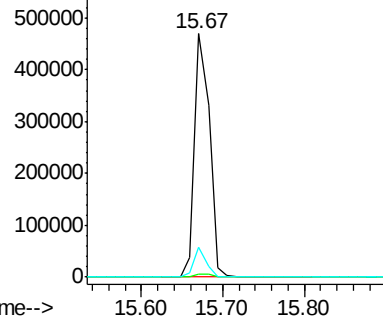
43 10.5 10.2 15.2

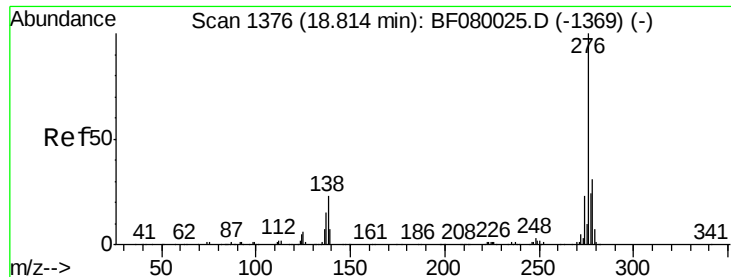


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.21 ng

RT: 18.65 min Scan# 1362

Delta R.T. 0.03 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Instrument :

BNA_F

ClientSampleId :

PB84072BSD

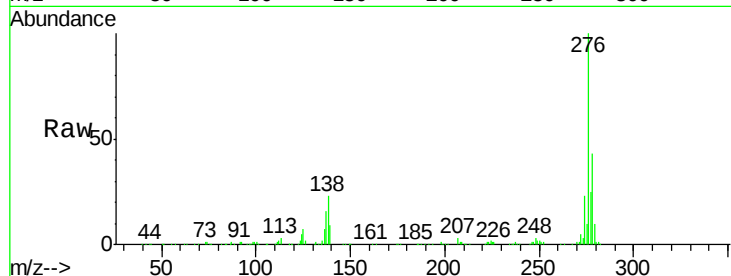
Tgt Ion:276 Resp: 561438

Ion Ratio Lower Upper

276 100

138 26.1 25.7 38.5

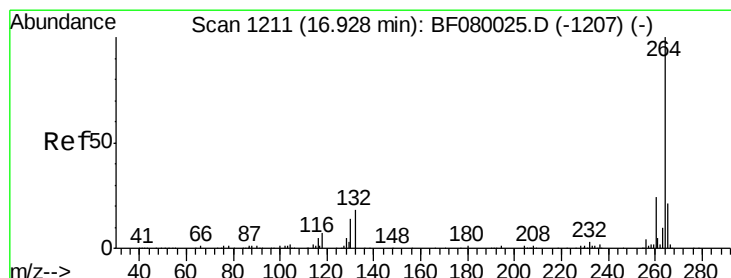
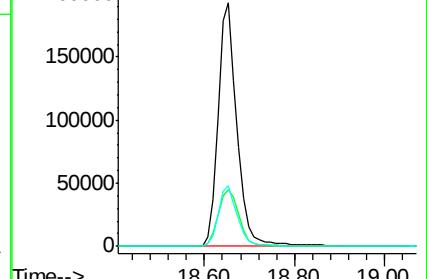
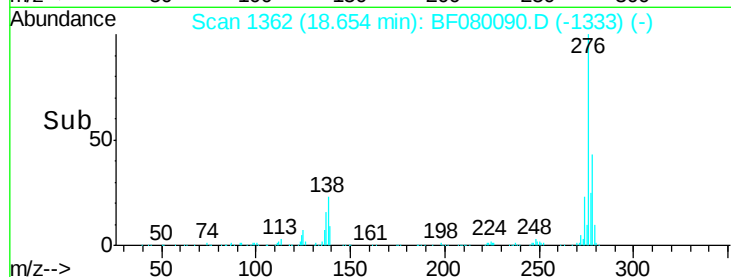
277 25.1 15.6 23.4#



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: 16.79 min Scan# 1199

Delta R.T. 0.05 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

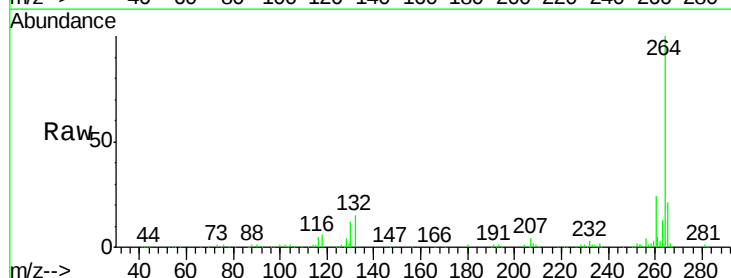
Tgt Ion:264 Resp: 205614

Ion Ratio Lower Upper

264 100

260 23.9 16.7 25.1

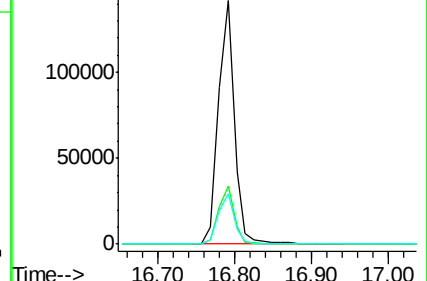
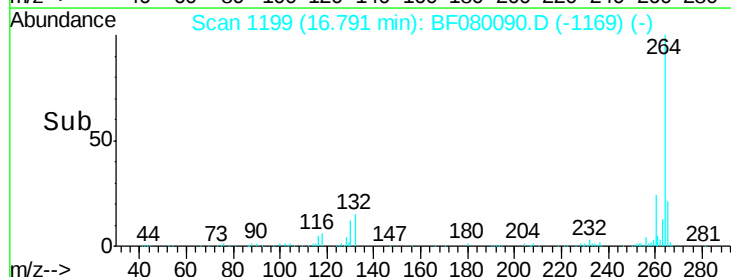
265 20.8 17.2 25.8

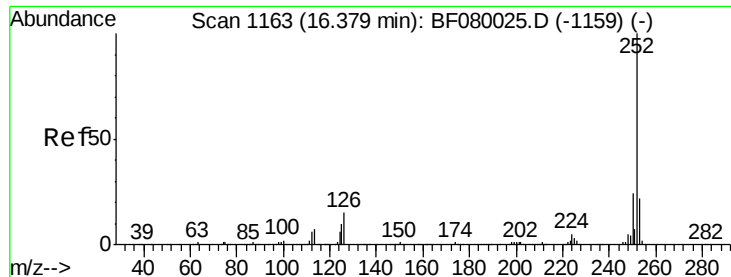


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 40.33 ng

RT: 16.24 min Scan# 1151

Delta R.T. 0.03 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Instrument :

BNA_F

ClientSampleId :

PB84072BSD

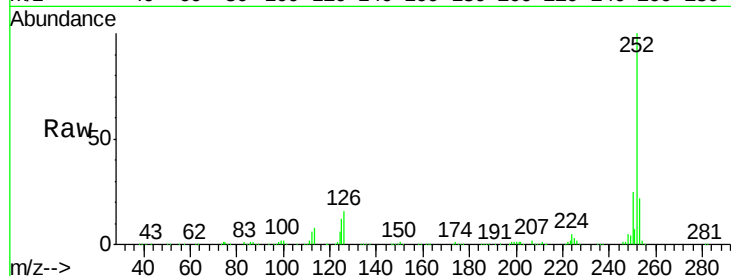
Tgt Ion:252 Resp: 502105

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

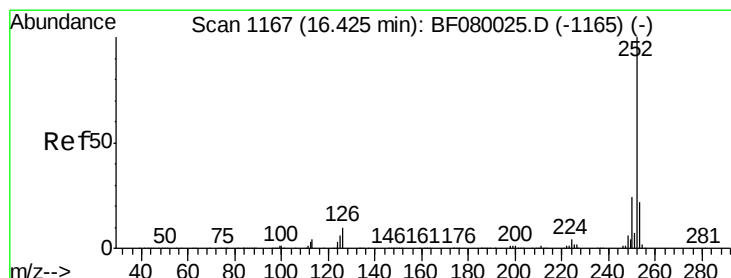
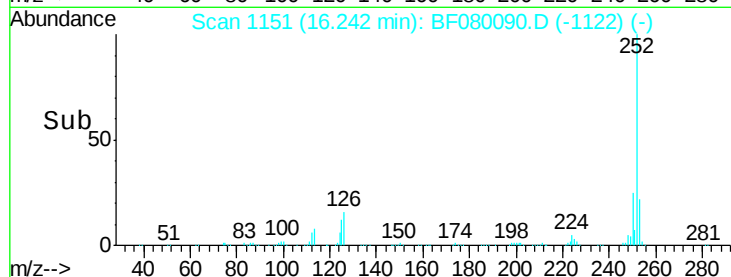
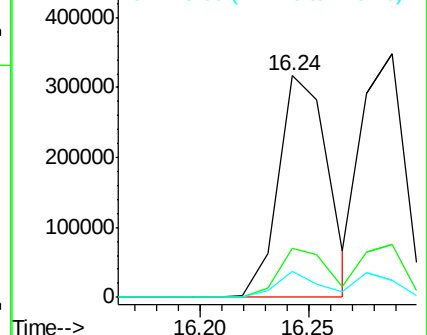
125 11.6 17.1 25.7#



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: 39.28 ng

RT: 16.29 min Scan# 1155

Delta R.T. 0.05 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

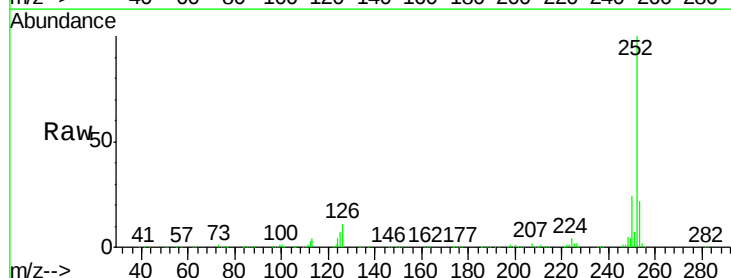
Tgt Ion:252 Resp: 497918

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.4

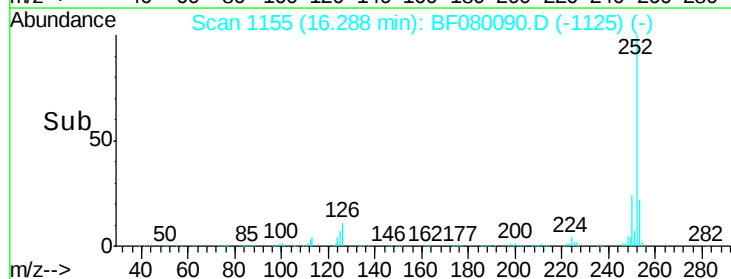
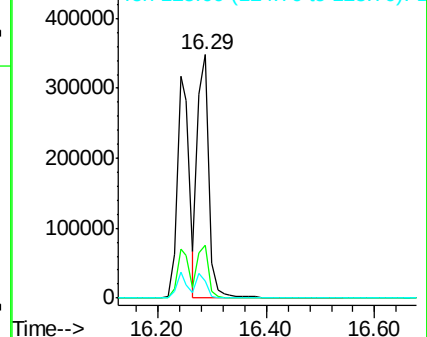
125 7.2 16.0 24.0#

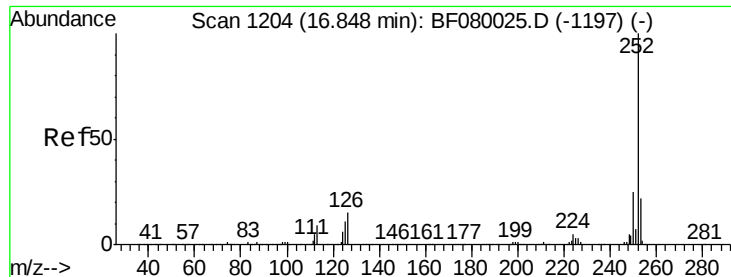


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.60 ng

RT: 16.71 min Scan# 1192

Delta R.T. 0.05 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Instrument :

BNA_F

ClientSampleId :

PB84072BSD

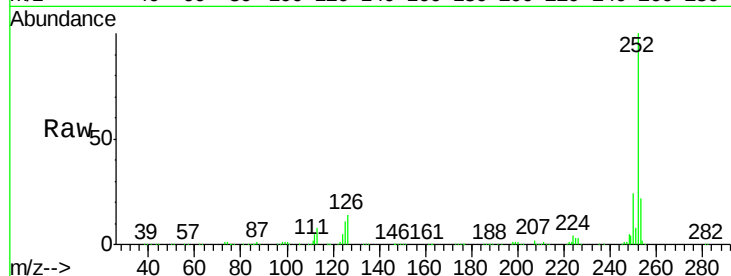
Tgt Ion:252 Resp: 491782

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

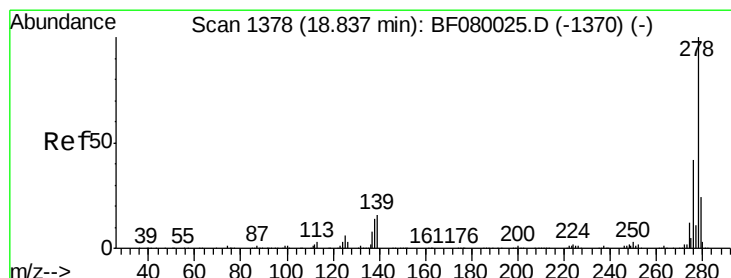
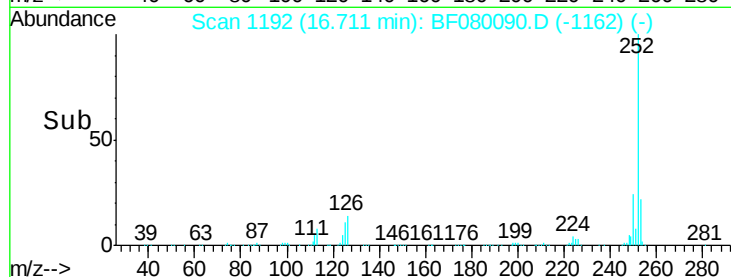
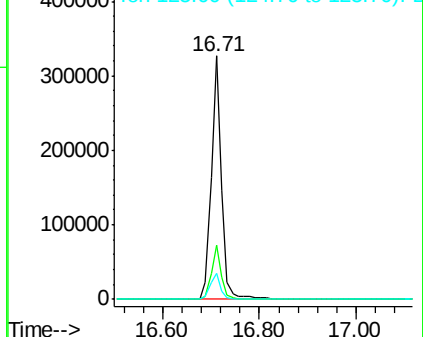
125 10.8 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.44 ng

RT: 18.68 min Scan# 1364

Delta R.T. 0.03 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

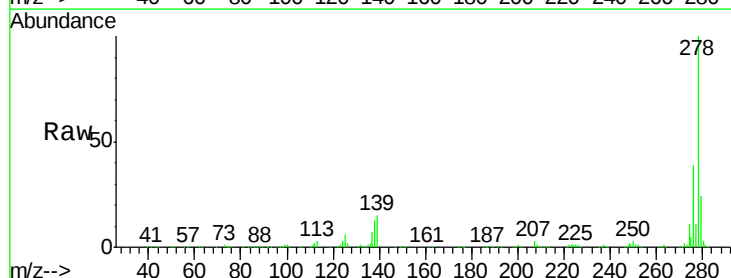
Tgt Ion:278 Resp: 477272

Ion Ratio Lower Upper

278 100

139 15.0 26.3 39.5#

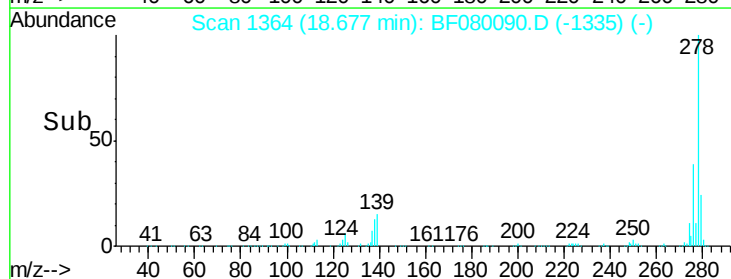
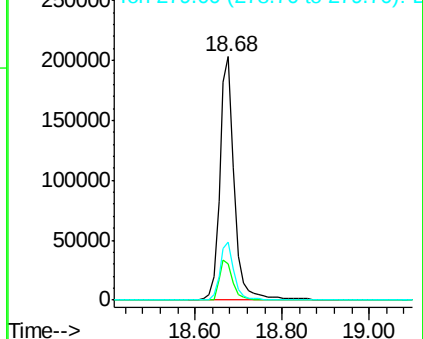
279 23.8 18.2 27.4

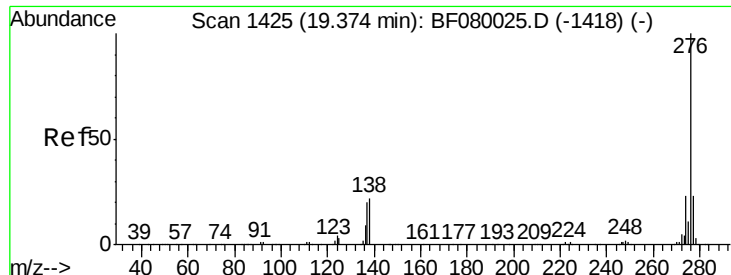


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 39.01 ng

RT: 19.21 min Scan# 1411

Delta R.T. 0.03 min

Lab File: BF080090.D

Acq: 20 Jun 2015 9:21

Instrument :

BNA_F

ClientSampleId :

PB84072BSD

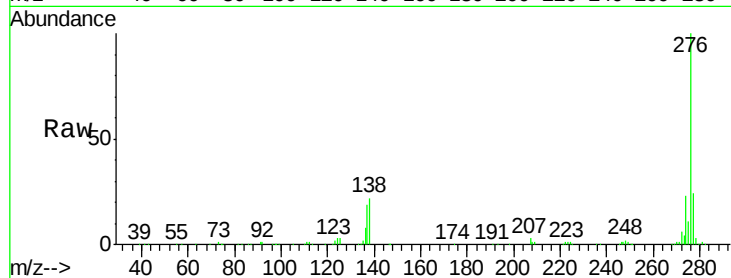
Tgt Ion: 276 Resp: 476686

Ion Ratio Lower Upper

276 100

277 23.8 17.8 26.6

138 21.9 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

