

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
 Data File : BF080097.D
 Acq On : 22 Jun 2015 16:39
 Operator : TP/IZ
 Sample : PB84131BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84131BS

Quant Time: Jun 23 01:19:12 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	50531	20.00	ng	0.00
21) Naphthalene-d8	8.61	136	200546	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	104842	20.00	ng	0.00
63) Phenanthrene-d10	11.89	188	219817	20.00	ng	-0.02
75) Chrysene-d12	14.92	240	249678	20.00	ng	-0.08
86) Perylene-d12	16.83	264	237405	20.00	ng	-0.10

System Monitoring Compounds

5) 2-Fluorophenol	5.93	112	231147	80.97	ng	0.00
7) Phenol-d6	6.92	99	286966	75.54	ng	-0.01
23) Nitrobenzene-d5	7.88	82	313988	91.15	ng	0.00
41) 2,4,6-Tribromophenol	11.18	330	82875	80.84	ng	0.00
44) 2-Fluorobiphenyl	9.69	172	623205	84.77	ng	0.00
78) Terphenyl-d14	13.61	244	812314	75.98	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.21	88	36198	26.68	ng	86
3) Pyridine	4.02	79	106122	29.41	ng	# 80
4) n-Nitrosodimethylamine	3.93	42	46602	27.18	ng	98
6) Aniline	6.97	93	157486	30.13	ng	92
8) 2-Chlorophenol	7.10	128	108770	32.97	ng	82
9) Benzaldehyde	6.87	77	53983	24.62	ng	# 88
10) Phenol	6.94	94	140973	34.01	ng	85
11) bis(2-Chloroethyl)ether	7.04	93	103046	31.33	ng	87
12) 1,3-Dichlorobenzene	7.27	146	119013	30.03	ng	96
13) 1,4-Dichlorobenzene	7.34	146	135451m	35.94	ng	
14) 1,2-Dichlorobenzene	7.50	146	124914	34.06	ng	97
15) Benzyl Alcohol	7.44	79	96288	31.00	ng	# 73
16) 2,2'-oxybis(1-Chloropropan	7.59	45	181132	37.10	ng	85
17) 2-Methylphenol	7.56	107	89311	31.69	ng	# 90
18) Hexachloroethane	7.84	117	41580	33.13	ng	90
19) n-Nitroso-di-n-propylamine	7.72	70	88416	33.53	ng	# 77
20) 3+4-Methylphenols	7.70	107	124549	34.24	ng	93
22) Acetophenone	7.72	105	157511	33.70	ng	# 79
24) Nitrobenzene	7.90	77	126179	35.49	ng	# 72
25) Isophorone	8.13	82	207264	29.90	ng	# 82
26) 2-Nitrophenol	8.22	139	58819	39.52	ng	# 70
27) 2,4-Dimethylphenol	8.24	122	112456	36.24	ng	# 85
28) bis(2-Chloroethoxy)methane	8.33	93	128768	31.61	ng	# 91
29) 2,4-Dichlorophenol	8.46	162	105088	39.54	ng	98
30) 1,2,4-Trichlorobenzene	8.55	180	107744	35.70	ng	99
31) Naphthalene	8.63	128	315308m	30.07	ng	
32) Benzoic acid	8.30	122	41557	22.15	ng	# 61
33) 4-Chloroaniline	8.68	127	107038m	23.85	ng	
34) Hexachlorobutadiene	8.76	225	63948	34.41	ng	99
35) Caprolactam	9.01	113	28913	33.52	ng	87
36) 4-Chloro-3-methylphenol	9.14	107	94095	31.39	ng	96
37) 2-Methylnaphthalene	9.33	142	234547	34.58	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.50	216	111571	36.57	ng	99
40) Hexachlorocyclopentadiene	9.49	237	107755	69.52	ng	97

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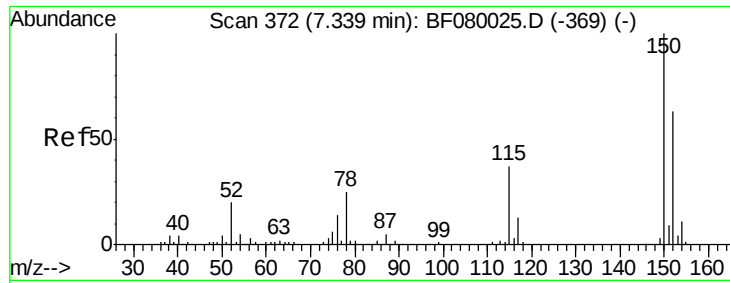
Instrument :
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Quant Time: Jun 23 01:19:12 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.60	196	72805	35.07	ng	98
43) 2,4,5-Trichlorophenol	9.64	196	70663	29.54	ng #	83
45) 1,1'-Biphenyl	9.80	154	284676	33.37	ng	96
46) 2-Chloronaphthalene	9.82	162	209365	30.25	ng #	92
47) 2-Nitroaniline	9.91	65	60719	31.96	ng	96
48) Acenaphthylene	10.24	152	354264	30.67	ng	98
49) Dimethylphthalate	10.08	163	264600	33.57	ng #	97
50) 2,6-Dinitrotoluene	10.15	165	50530	31.98	ng #	88
51) Acenaphthene	10.41	154	228722	32.36	ng	90
52) 3-Nitroaniline	10.31	138	49756	27.29	ng #	40
53) 2,4-Dinitrophenol	10.42	184	51075	79.45	ng #	1
54) Dibenzofuran	10.58	168	311243	31.04	ng #	85
55) 4-Nitrophenol	10.46	139	99919	68.57	ng #	55
56) 2,4-Dinitrotoluene	10.55	165	74385	37.10	ng #	79
57) Fluorene	10.94	166	271132	34.07	ng	93
58) 2,3,4,6-Tetrachlorophenol	10.71	232	62026	30.72	ng	99
59) Diethylphthalate	10.78	149	247143	31.14	ng	95
60) 4-Chlorophenyl-phenylether	10.92	204	116026	30.34	ng #	79
61) 4-Nitroaniline	10.93	138	58090	30.85	ng #	44
62) Azobenzene	11.08	77	243206	30.10	ng #	84
64) 4,6-Dinitro-2-methylphenol	10.96	198	34156	34.70	ng	93
65) n-Nitrosodiphenylamine	11.03	169	214222	29.93	ng	91
66) 4-Bromophenyl-phenylether	11.42	248	76750	32.84	ng	93
67) Hexachlorobenzene	11.50	284	82798	31.87	ng #	84
68) Atrazine	11.56	200	73532	32.52	ng	84
69) Pentachlorophenol	11.69	266	81648	55.47	ng	99
70) Phenanthrene	11.92	178	395423	29.71	ng	97
71) Anthracene	11.97	178	392011	30.59	ng	98
72) Carbazole	12.13	167	348313	28.47	ng	96
73) Di-n-butylphthalate	12.46	149	410794	29.06	ng #	98
74) Fluoranthene	13.19	202	424712	29.97	ng	95
76) Benzidine	13.32	184	313345	44.90	ng #	97
77) Pyrene	13.45	202	443535	28.85	ng	97
79) Butylbenzylphthalate	14.17	149	181381	29.38	ng #	96
80) Benzo(a)anthracene	14.91	228	433445	28.50	ng	97
81) 3,3'-Dichlorobenzidine	14.85	252	117437	22.39	ng #	93
82) Chrysene	14.95	228	408931	29.15	ng	96
83) Bis(2-ethylhexyl)phthalate	14.88	149	277344	28.43	ng #	93
84) Di-n-octyl phthalate	15.72	149	464617	27.79	ng	95
85) Indeno(1,2,3-cd)pyrene	18.68	276	450589	25.48	ng #	89
87) Benzo(b)fluoranthene	16.29	252	403207	28.05	ng #	86
88) Benzo(k)fluoranthene	16.32	252	438484	29.96	ng #	88
89) Benzo(a)pyrene	16.75	252	396651	29.06	ng #	88
90) Dibenzo(a,h)anthracene	18.71	278	374996	26.84	ng #	79
91) Benzo(g,h,i)perylene	19.24	276	383309	27.17	ng #	77

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

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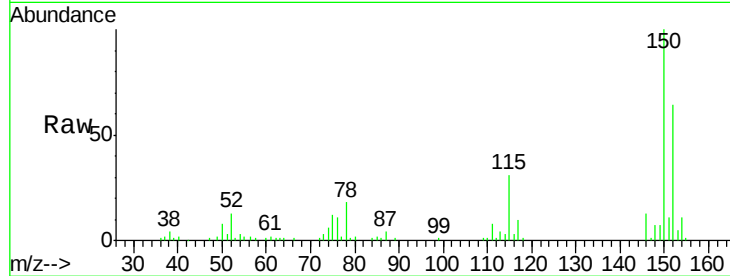


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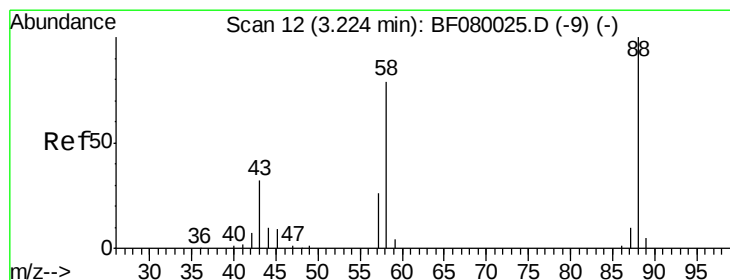
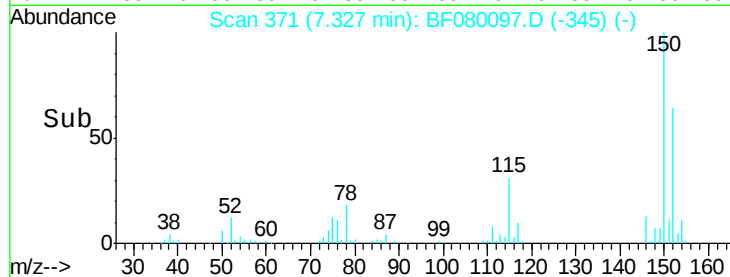
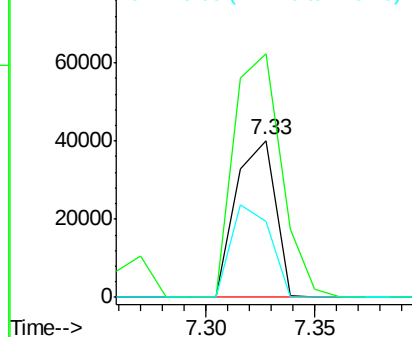
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 371
Delta R.T. -0.00 min
Lab File: BF080097.D
Acq: 22 Jun 2015 16:39

Instrument :
BNA_F
ClientSampleId :
PB84131BS

Tgt Ion:152 Resp: 50531
Ion Ratio Lower Upper
152 100
150 155.2 124.7 187.1
115 48.7 39.0 58.4



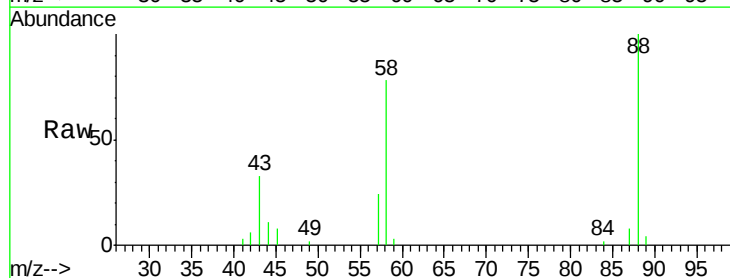
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



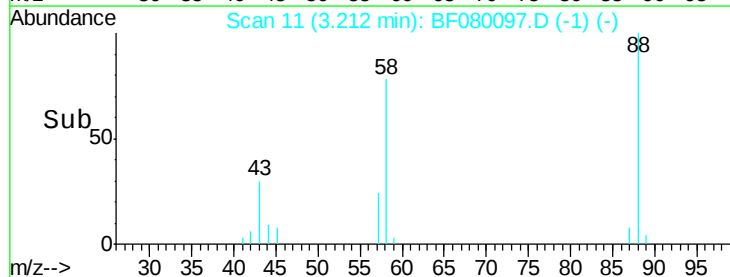
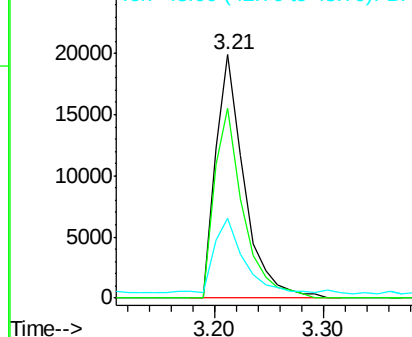
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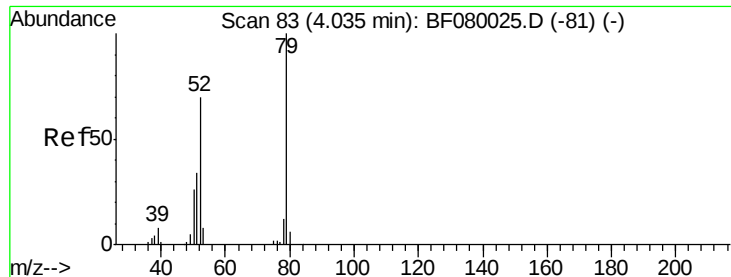
1,4-Dioxane
Concen: 26.68 ng
RT: 3.21 min Scan# 11
Delta R.T. 0.02 min
Lab File: BF080097.D
Acq: 22 Jun 2015 16:39

Tgt Ion: 88 Resp: 36198
Ion Ratio Lower Upper
88 100
58 78.9 77.7 116.5
43 31.9 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: 29.41 ng

RT: 4.02 min Scan# 82

Delta R.T. 0.02 min

Lab File: BF080097.D

Acq: 22 Jun 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB84131BS

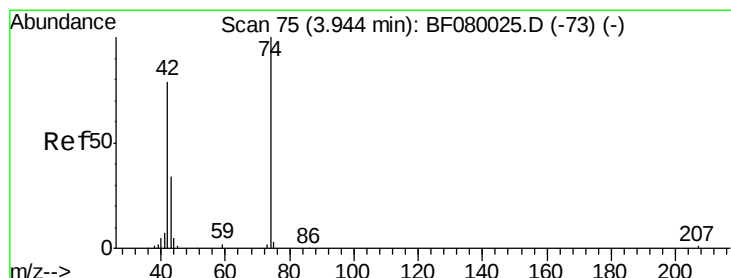
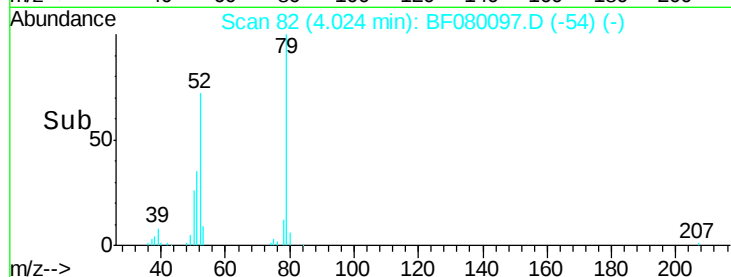
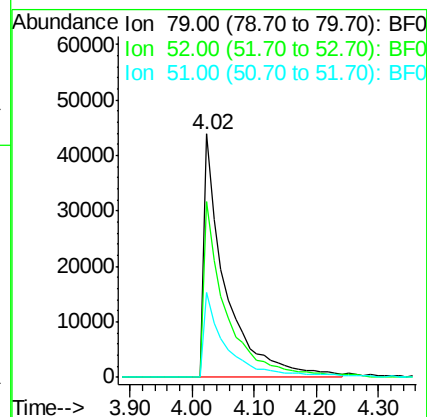
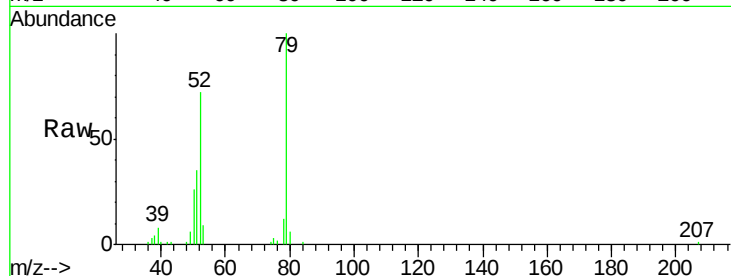
Tgt Ion: 79 Resp: 106122

Ion Ratio Lower Upper

79 100

52 72.2 76.8 115.2#

51 35.0 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 27.18 ng

RT: 3.93 min Scan# 74

Delta R.T. 0.01 min

Lab File: BF080097.D

Acq: 22 Jun 2015 16:39

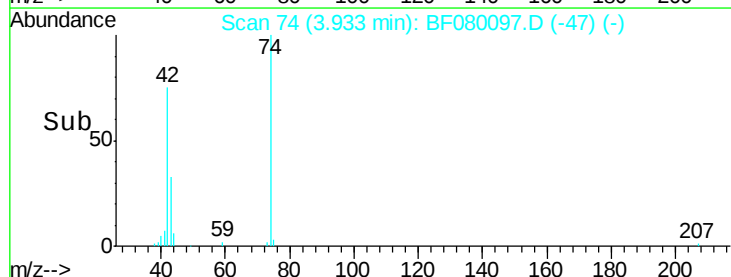
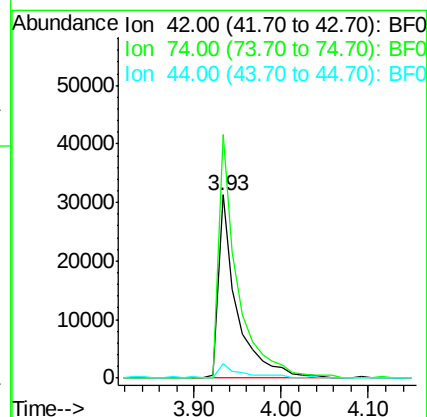
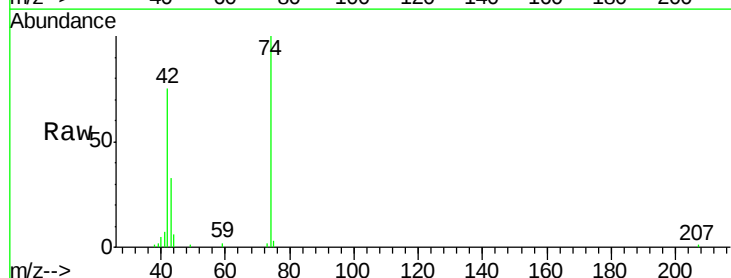
Tgt Ion: 42 Resp: 46602

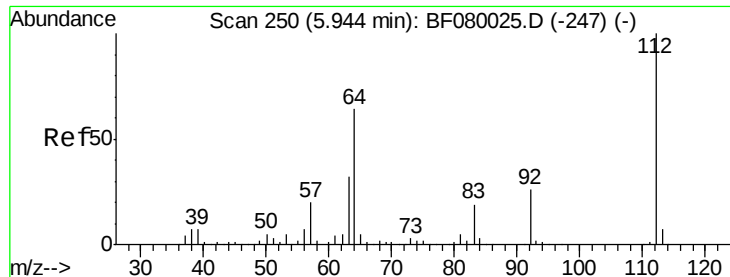
Ion Ratio Lower Upper

42 100

74 133.1 105.0 157.6

44 7.7 6.6 10.0





#5

2-Fluorophenol

Concen: 80.97 ng

RT: 5.93 min Scan# 249

Delta R.T. -0.00 min

Lab File: BF080097.D

Acq: 22 Jun 2015 16:39

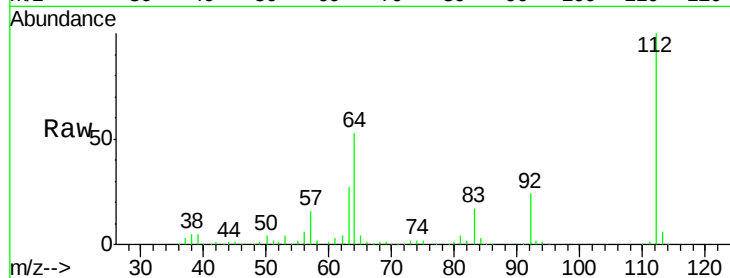
Instrument :

BNA_F

ClientSampleId :

PB84131BS

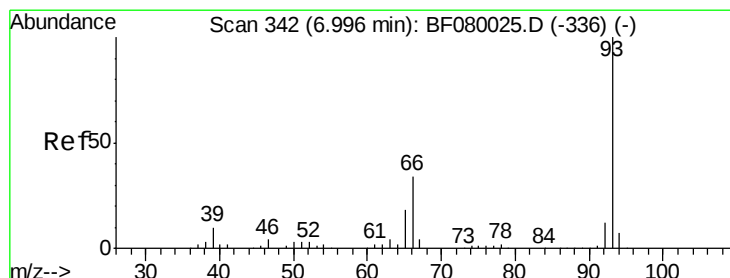
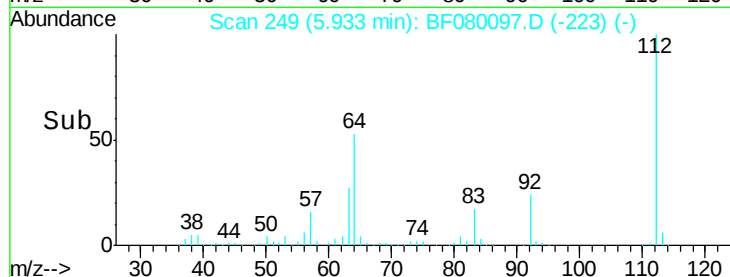
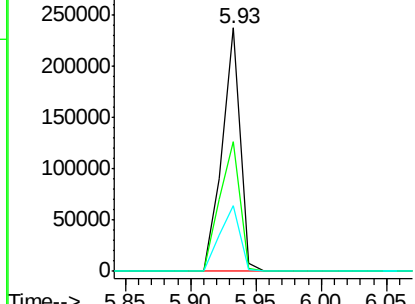
Tgt Ion:	112	Resp:	231147
Ion	Ratio	Lower	Upper
112	100		
64	53.1	39.7	59.5
63	26.8	17.4	26.0#



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: 30.13 ng

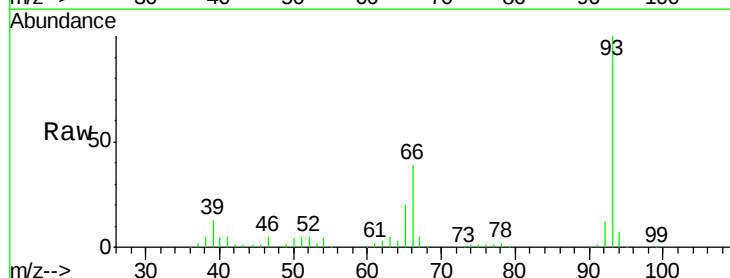
RT: 6.97 min Scan# 340

Delta R.T. -0.00 min

Lab File: BF080097.D

Acq: 22 Jun 2015 16:39

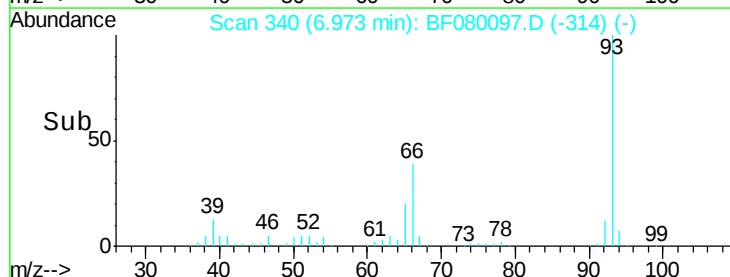
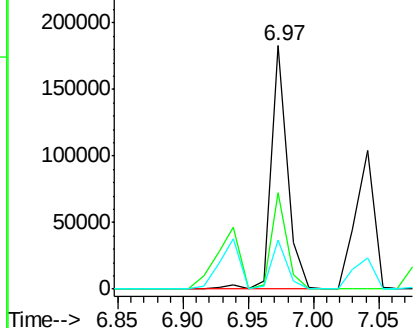
Tgt Ion:	93	Resp:	157486
Ion	Ratio	Lower	Upper
93	100		
66	39.4	27.2	40.8
65	20.4	14.7	22.1

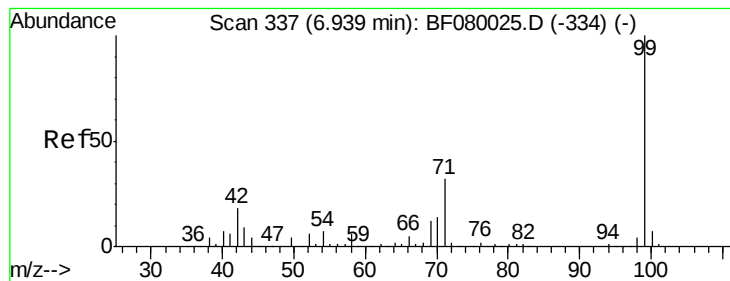


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.54 ng

RT: 6.92 min Scan# 335

Delta R.T. -0.01 min

Lab File: BF080097.D

Acq: 22 Jun 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB84131BS

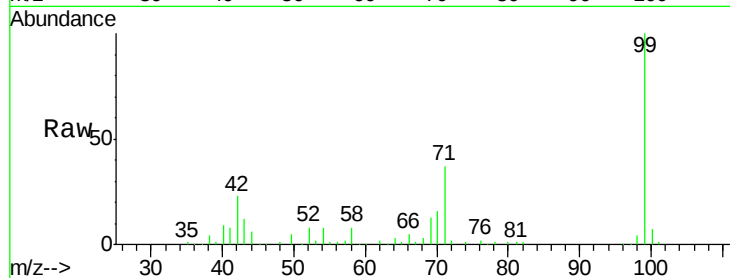
Tgt Ion: 99 Resp: 286966

Ion Ratio Lower Upper

99 100

42 22.9 13.7 20.5#

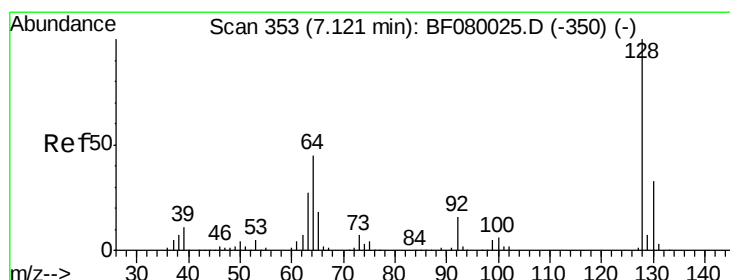
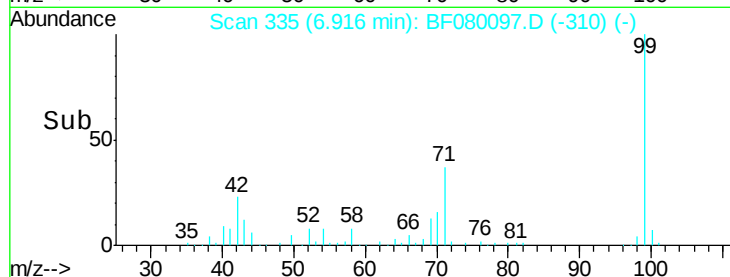
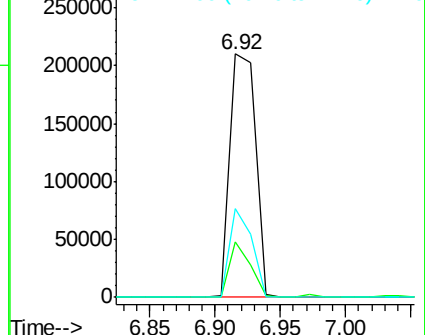
71 36.5 14.2 21.2#



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: 32.97 ng

RT: 7.10 min Scan# 351

Delta R.T. -0.01 min

Lab File: BF080097.D

Acq: 22 Jun 2015 16:39

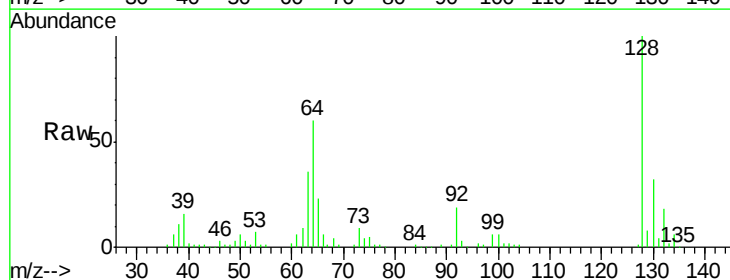
Tgt Ion: 128 Resp: 108770

Ion Ratio Lower Upper

128 100

130 31.7 12.2 52.2

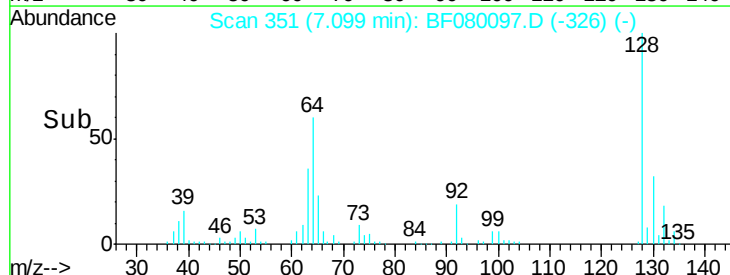
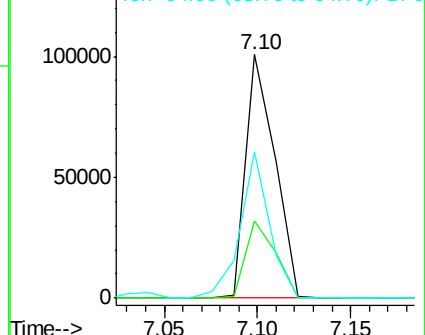
64 60.0 20.5 60.5

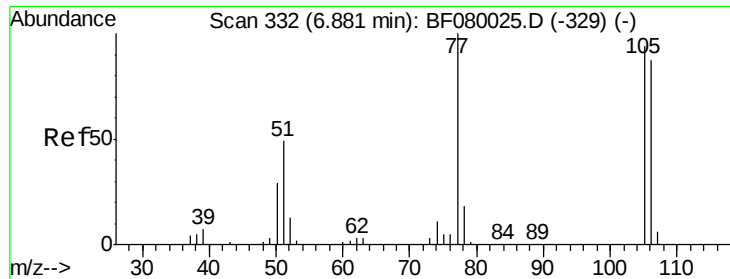


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 24.62 ng

RT: 6.87 min Scan# 331

Delta R.T. -0.00 min

Lab File: BF080097.D

Acq: 22 Jun 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB84131BS

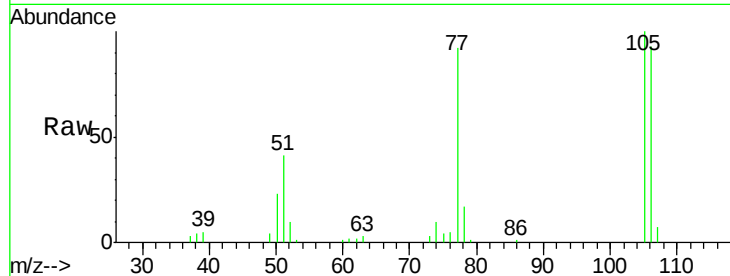
Tgt Ion: 77 Resp: 53983

Ion Ratio Lower Upper

77 100

105 108.2 91.6 131.6

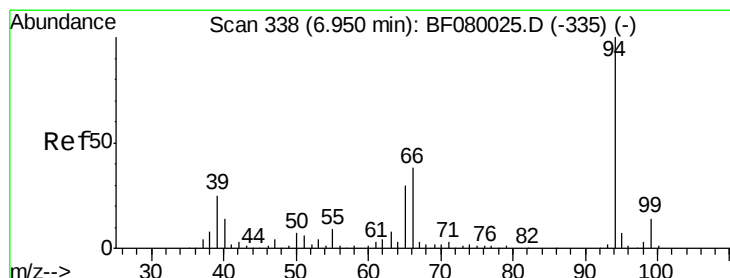
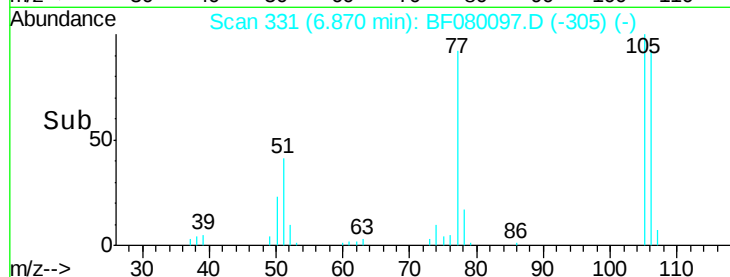
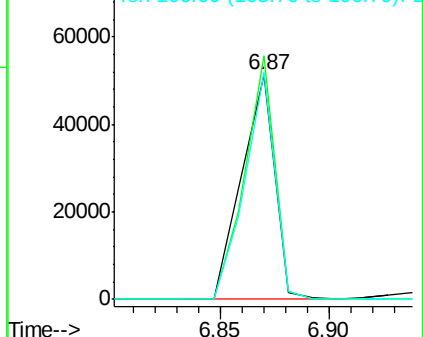
106 101.1 102.6 142.6#



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: 34.01 ng

RT: 6.94 min Scan# 337

Delta R.T. -0.00 min

Lab File: BF080097.D

Acq: 22 Jun 2015 16:39

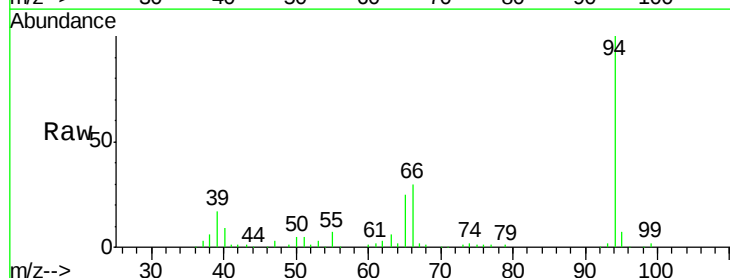
Tgt Ion: 94 Resp: 140973

Ion Ratio Lower Upper

94 100

65 25.0 0.7 40.7

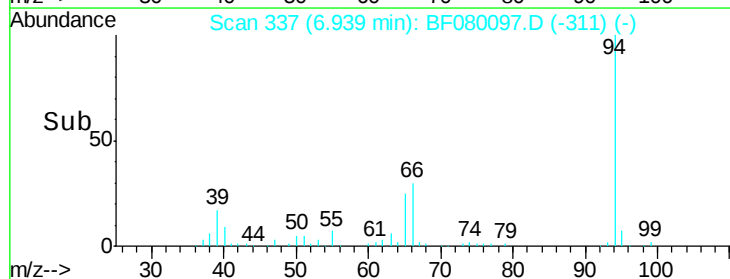
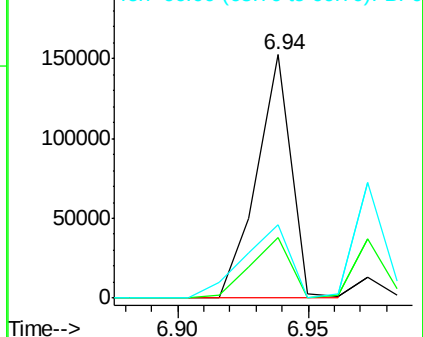
66 30.3 0.8 40.8

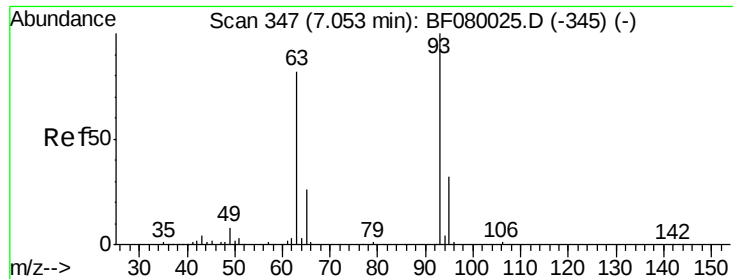


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 31.33 ng

RT: 7.04 min Scan# 346

Delta R.T. -0.00 min

Lab File: BF080097.D

Acq: 22 Jun 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB84131BS

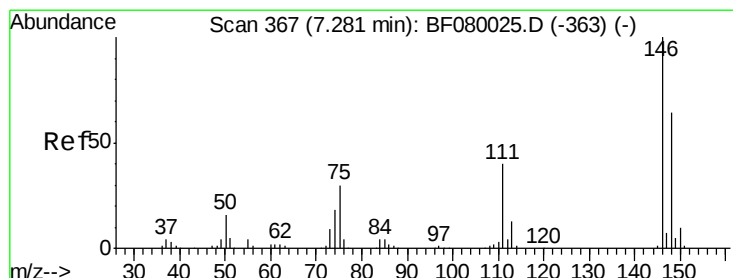
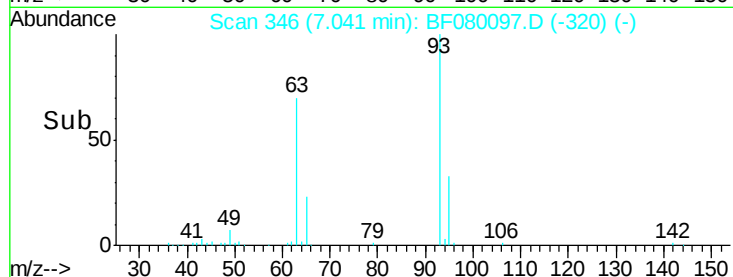
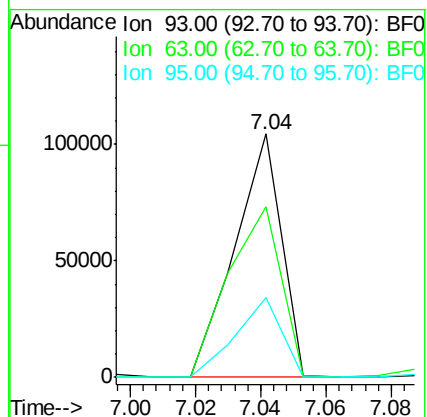
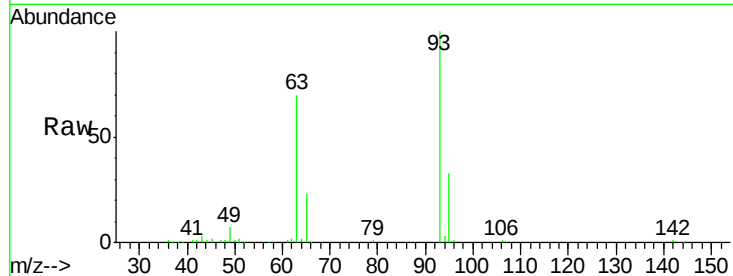
Tgt Ion: 93 Resp: 103046

Ion Ratio Lower Upper

93 100

63 70.1 65.6 105.6

95 32.9 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 30.03 ng

RT: 7.27 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF080097.D

Acq: 22 Jun 2015 16:39

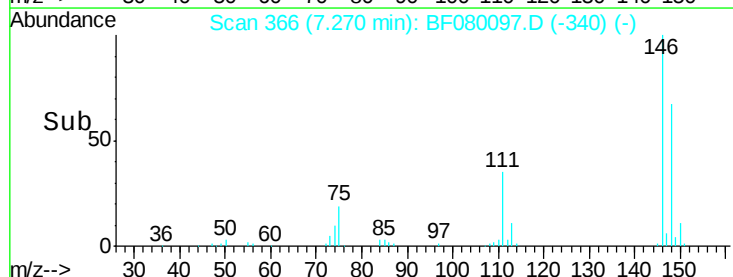
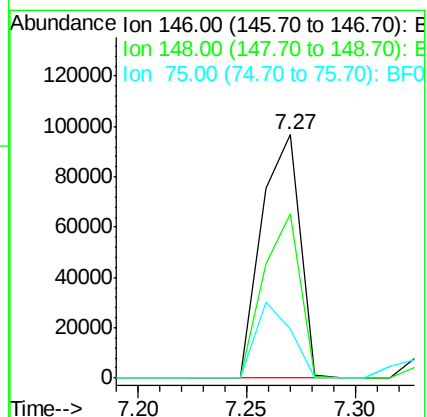
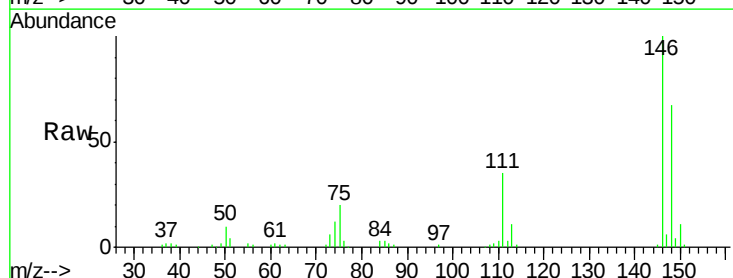
Tgt Ion: 146 Resp: 119013

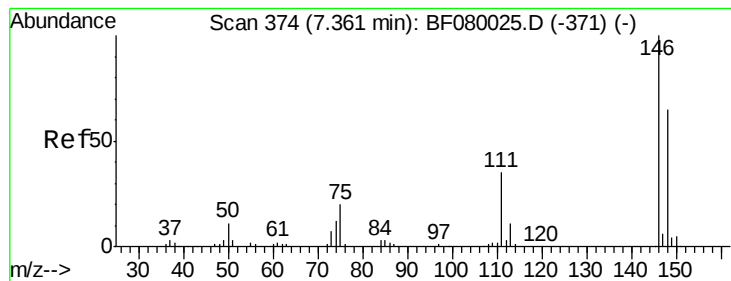
Ion Ratio Lower Upper

146 100

148 67.4 51.0 76.4

75 20.0 15.0 22.6





#13

1,4-Dichlorobenzene

Concen: 35.94 ng m

RT: 7.34 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF080097.D

Acq: 22 Jun 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB84131BS

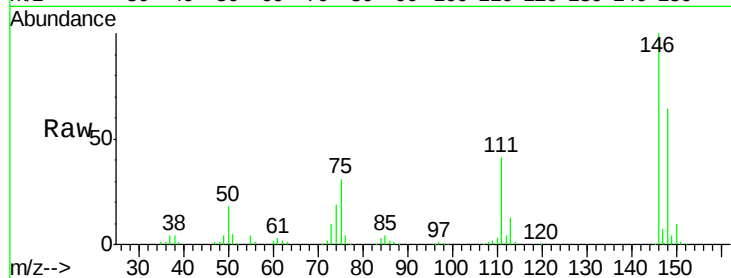
Tgt Ion:146 Resp: 135451

Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.6

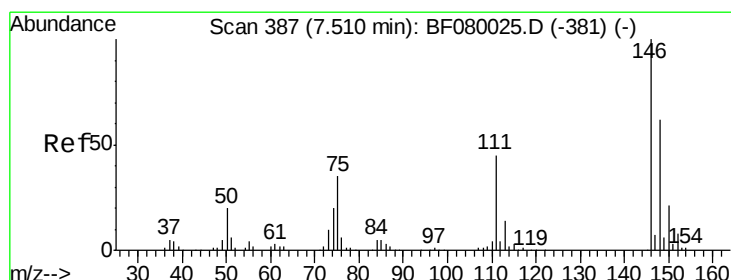
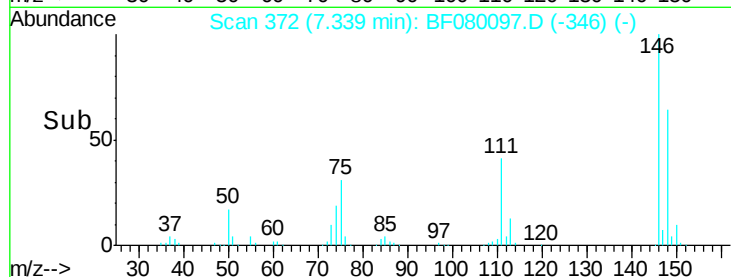
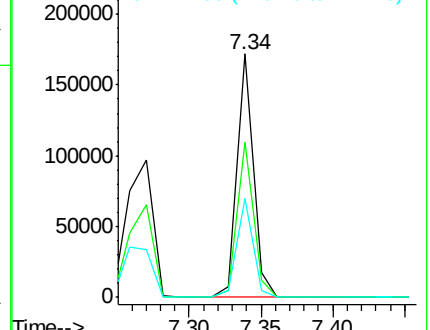
111 40.5 24.9 37.3#



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: 34.06 ng

RT: 7.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF080097.D

Acq: 22 Jun 2015 16:39

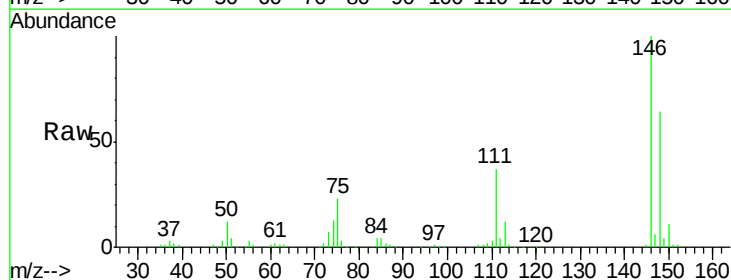
Tgt Ion:146 Resp: 124914

Ion Ratio Lower Upper

146 100

148 63.6 52.7 79.1

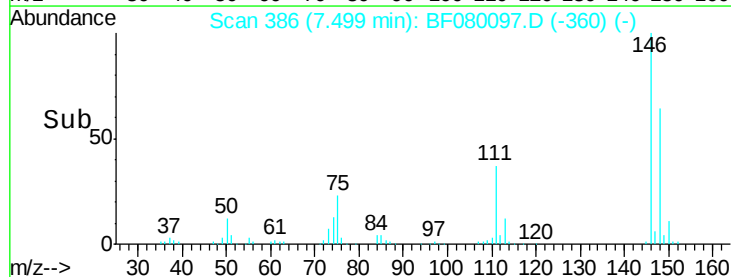
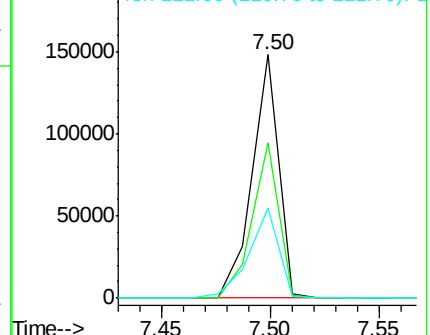
111 37.1 28.8 43.2

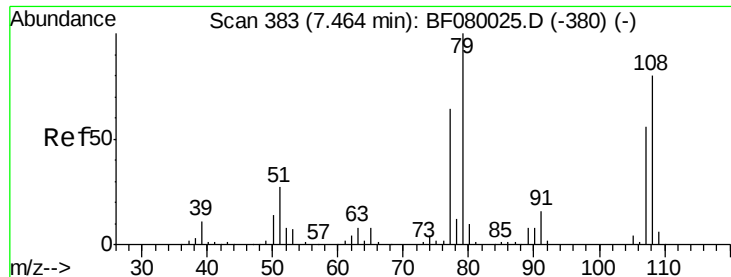


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 31.00 ng

RT: 7.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF080097.D

Acq: 22 Jun 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB84131BS

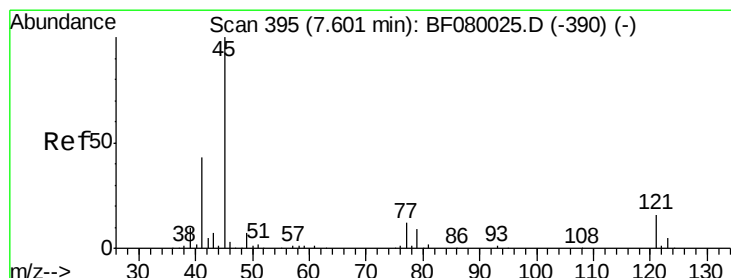
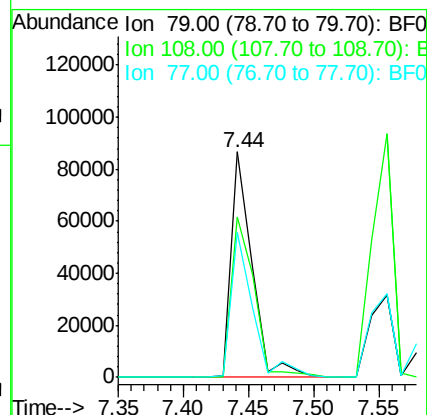
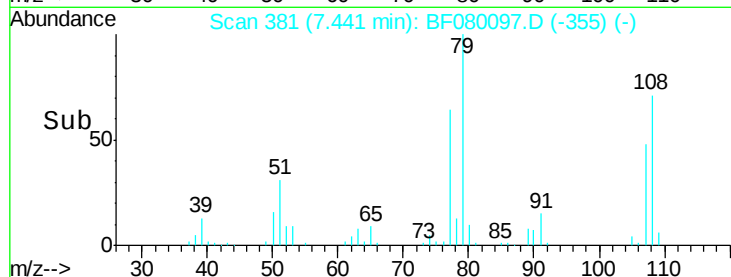
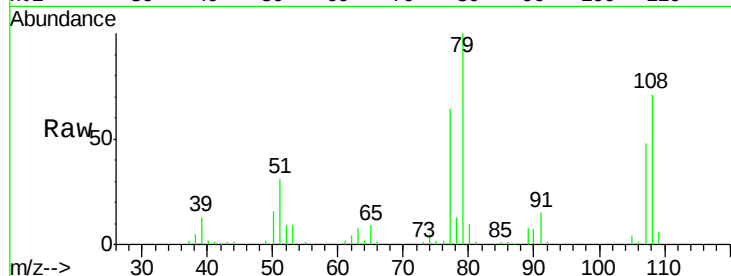
Tgt Ion: 79 Resp: 96288

Ion Ratio Lower Upper

79 100

108 71.4 88.6 132.8#

77 64.1 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.10 ng

RT: 7.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF080097.D

Acq: 22 Jun 2015 16:39

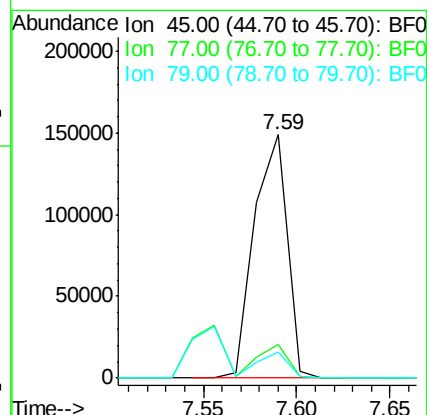
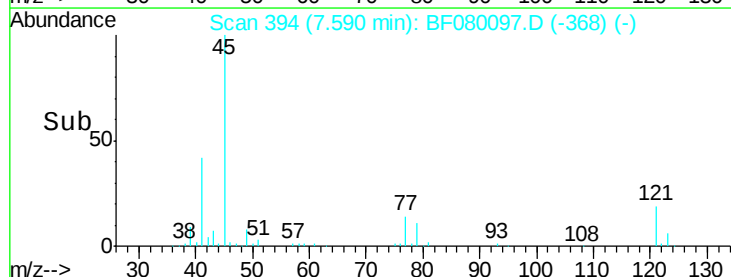
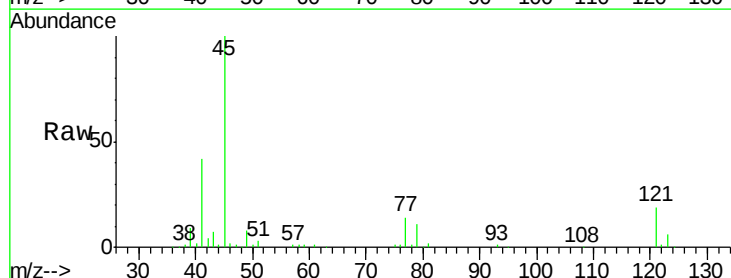
Tgt Ion: 45 Resp: 181132

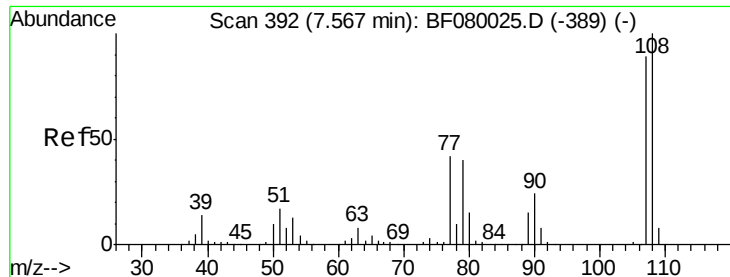
Ion Ratio Lower Upper

45 100

77 13.6 0.0 28.1

79 10.8 0.0 26.0

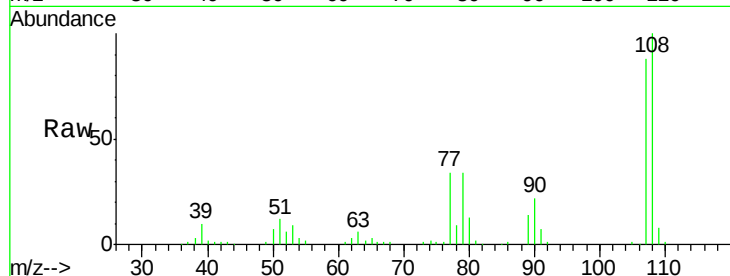




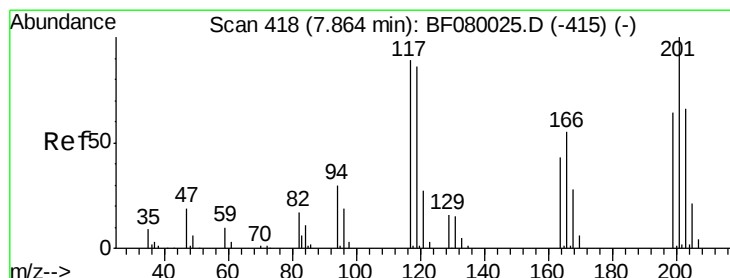
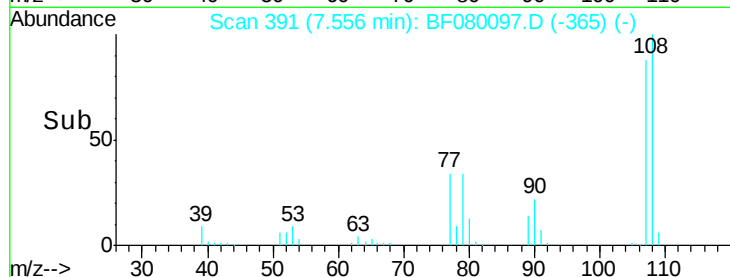
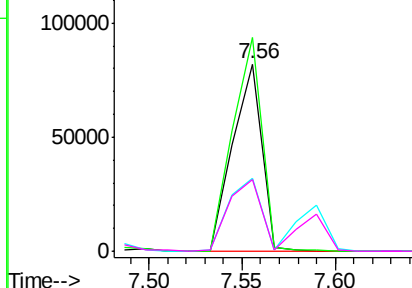
#17
2-Methylphenol
Concen: 31.69 ng
RT: 7.56 min Scan# 391
Delta R.T. -0.00 min
Lab File: BF080097.D
Acq: 22 Jun 2015 16:39

Instrument :
BNA_F
ClientSampleId :
PB84131BS

Tgt Ion:107 Resp: 89311
Ion Ratio Lower Upper
107 100
108 114.1 96.6 145.0
77 39.1 23.3 34.9#
79 38.5 22.0 33.0#

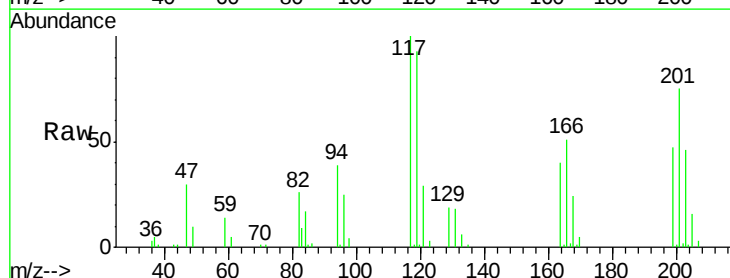


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

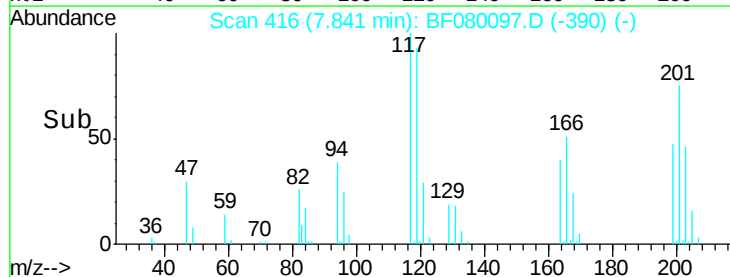
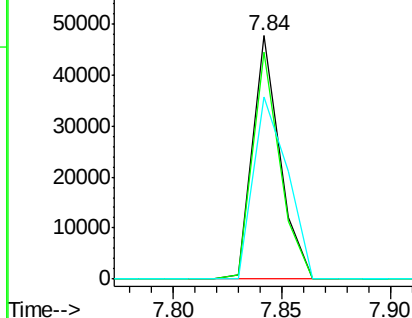


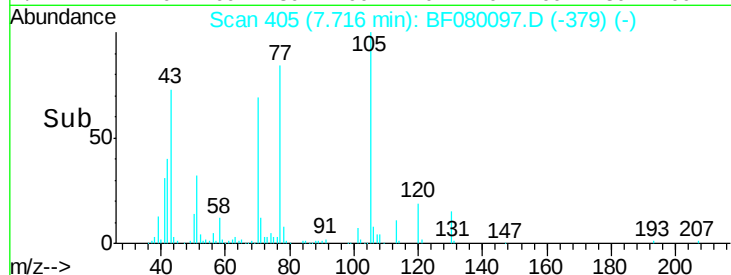
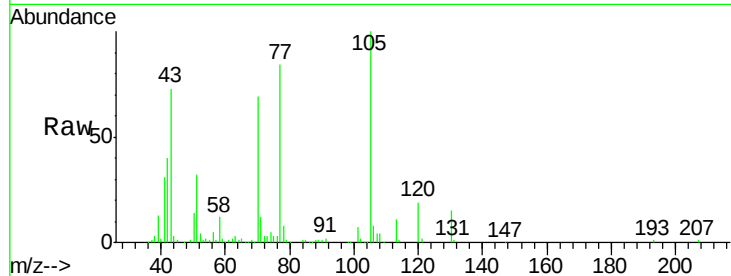
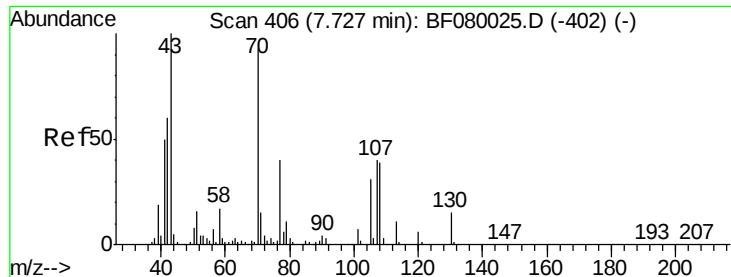
#18
Hexachloroethane
Concen: 33.13 ng
RT: 7.84 min Scan# 416
Delta R.T. -0.00 min
Lab File: BF080097.D
Acq: 22 Jun 2015 16:39

Tgt Ion:117 Resp: 41580
Ion Ratio Lower Upper
117 100
119 93.3 83.8 125.6
201 75.0 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

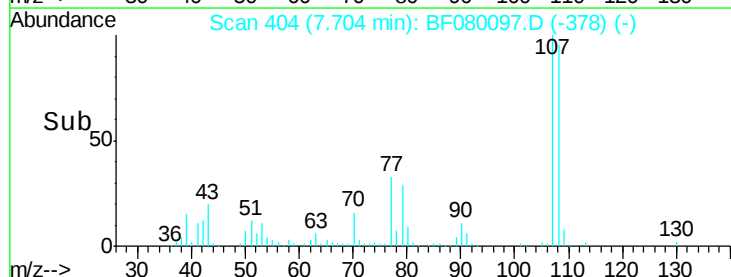
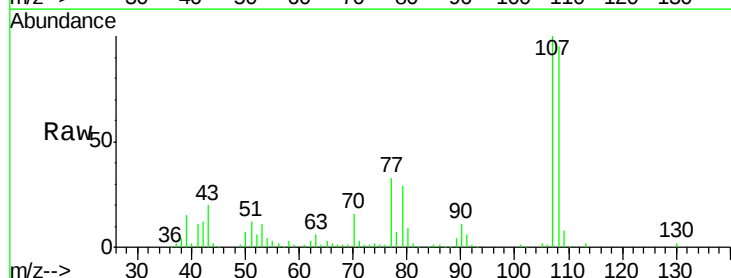
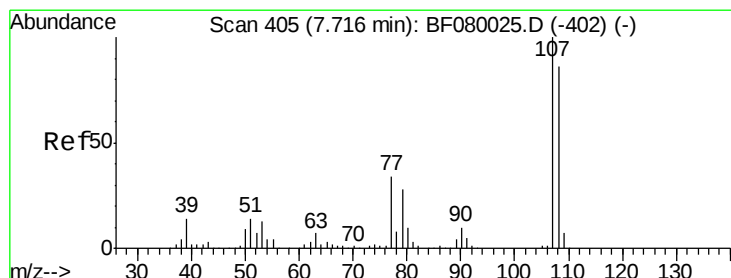
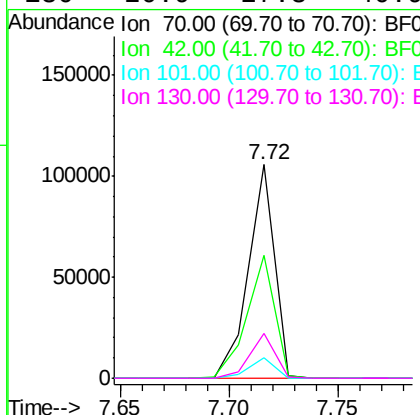




#19
n-Nitroso-di-n-propylamine
Concen: 33.53 ng
RT: 7.72 min Scan# 405
Delta R.T. -0.00 min
Lab File: BF080097.D
Acq: 22 Jun 2015 16:39

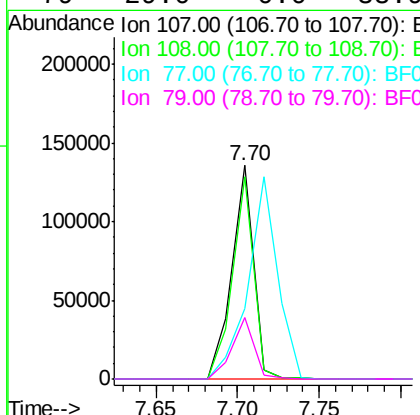
Instrument :
BNA_F
ClientSampleId :
PB84131BS

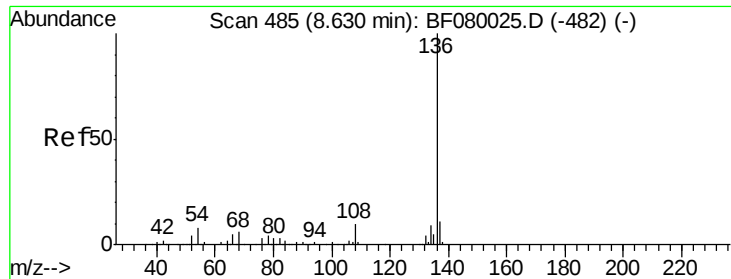
Tgt Ion: 70 Resp: 88416
Ion Ratio Lower Upper
70 100
42 57.3 63.8 95.6#
101 9.7 9.2 13.8
130 20.9 27.3 40.9#



#20
3+4-Methylphenols
Concen: 34.24 ng
RT: 7.70 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF080097.D
Acq: 22 Jun 2015 16:39

Tgt Ion: 107 Resp: 124549
Ion Ratio Lower Upper
107 100
108 94.7 74.6 114.6
77 32.8 0.7 40.7
79 29.0 0.0 38.9

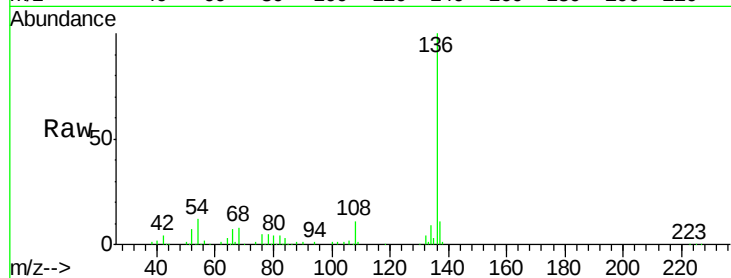




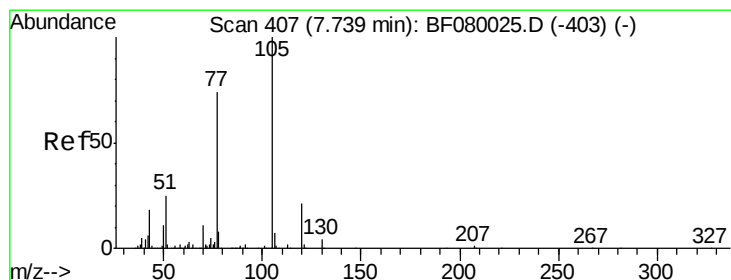
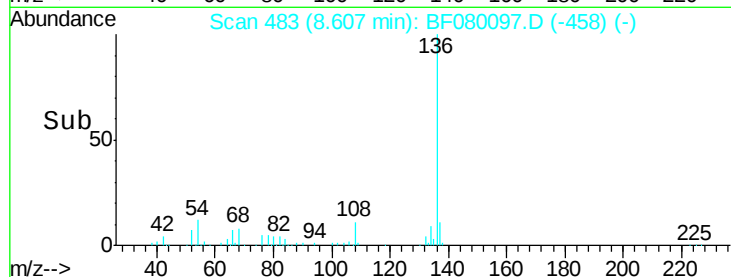
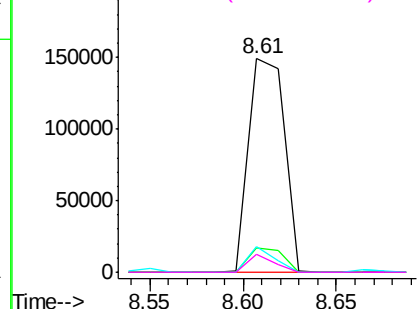
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.61 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF080097.D
Acq: 22 Jun 2015 16:39

Instrument :
BNA_F
ClientSampleId :
PB84131BS

Tgt Ion:	136	Resp:	200546
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	11.8	8.2	12.2
68	8.3	5.8	8.6

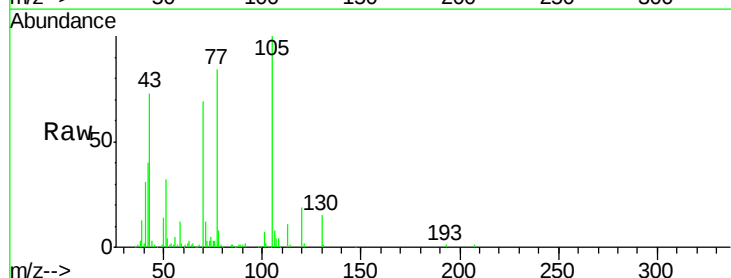


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

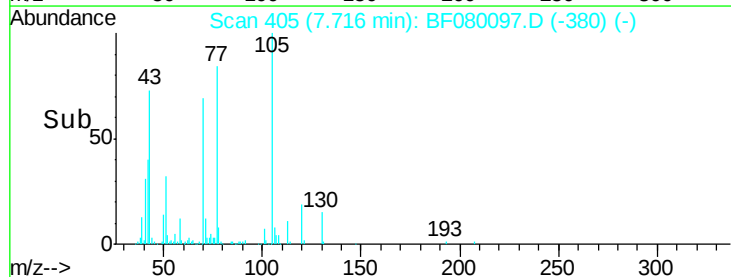
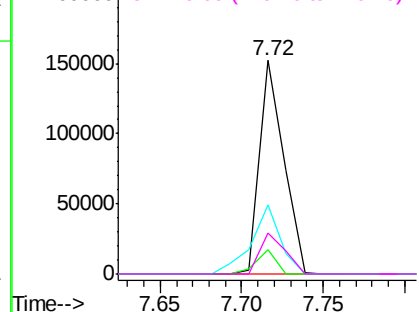


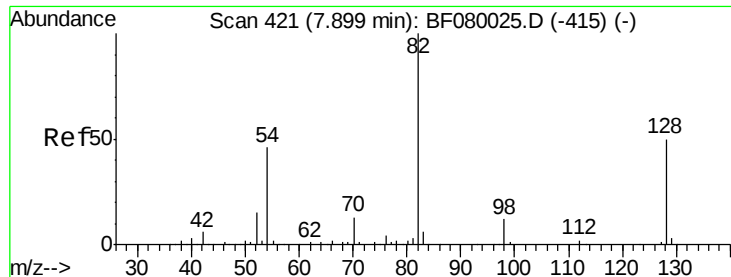
#22
Acetophenone
Concen: 33.70 ng
RT: 7.72 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF080097.D
Acq: 22 Jun 2015 16:39

Tgt Ion:	105	Resp:	157511
Ion	Ratio	Lower	Upper
105	100		
71	11.6	4.7	7.1#
51	32.3	22.0	33.0
120	19.3	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

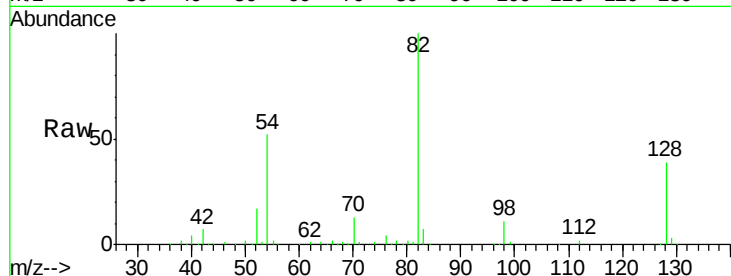




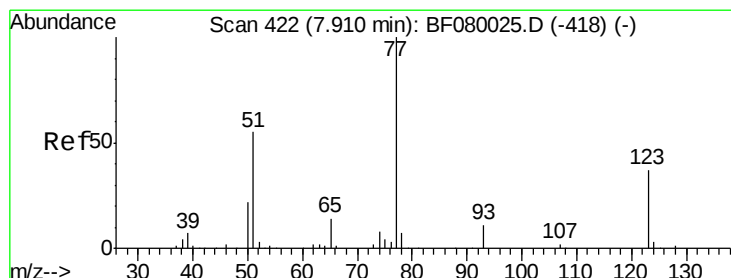
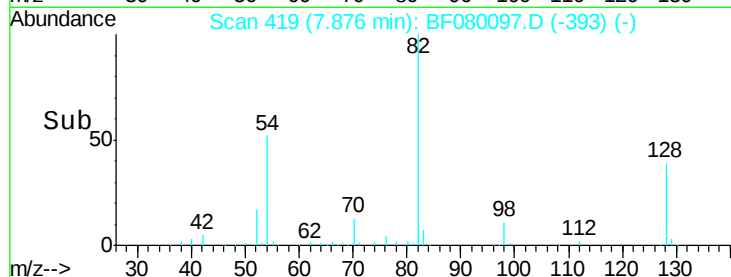
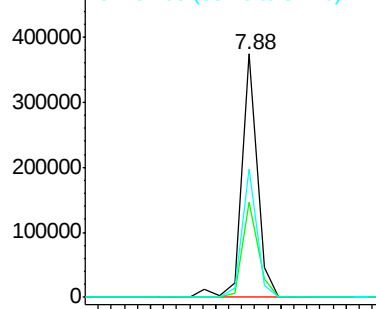
#23
 Nitrobenzene-d5
 Concen: 91.15 ng
 RT: 7.88 min Scan# 419
 Delta R.T. -0.00 min
 Lab File: BF080097.D
 Acq: 22 Jun 2015 16:39

Instrument :
 BNA_F
 ClientSampleID :
 PB84131BS

Tgt Ion: 82 Resp: 313988
 Ion Ratio Lower Upper
 82 100
 128 39.0 51.0 76.6#
 54 52.5 47.5 71.3

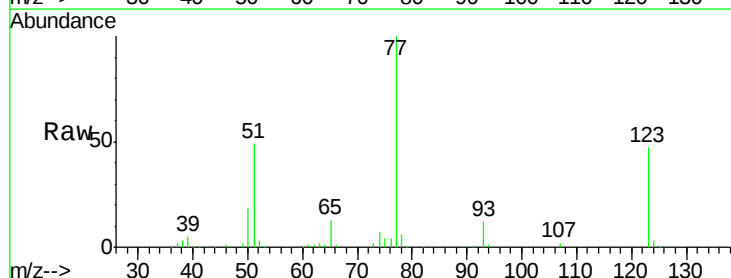


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

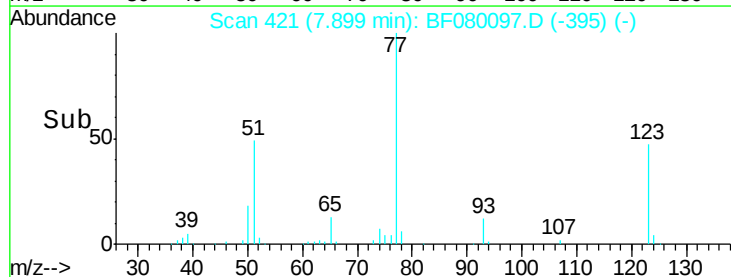
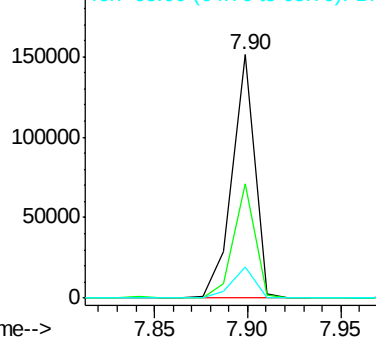


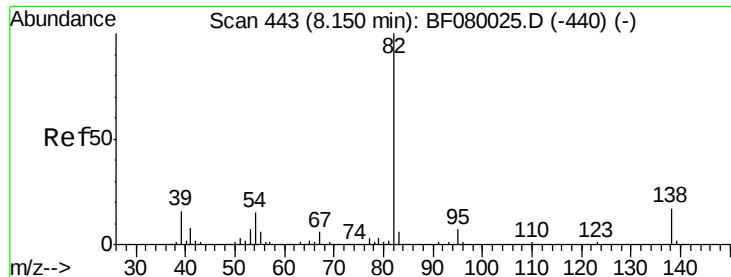
#24
 Nitrobenzene
 Concen: 35.49 ng
 RT: 7.90 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BF080097.D
 Acq: 22 Jun 2015 16:39

Tgt Ion: 77 Resp: 126179
 Ion Ratio Lower Upper
 77 100
 123 46.8 59.8 89.8#
 65 12.9 10.2 15.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 29.90 ng

RT: 8.13 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF080097.D

Acq: 22 Jun 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB84131BS

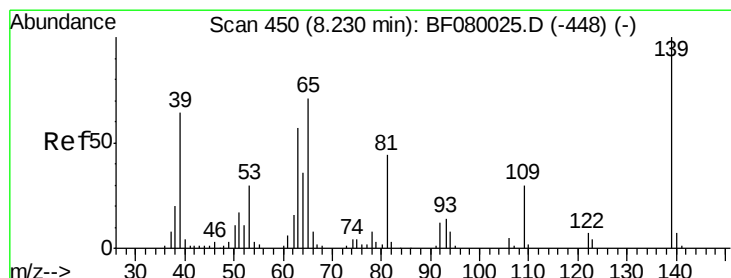
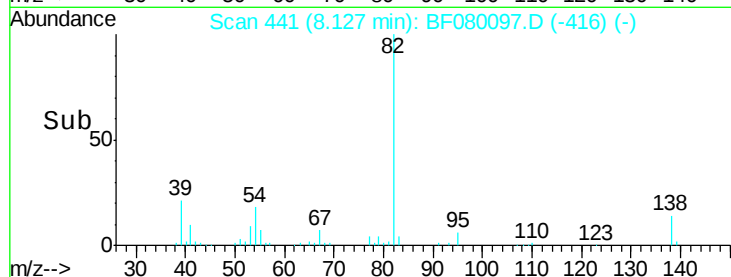
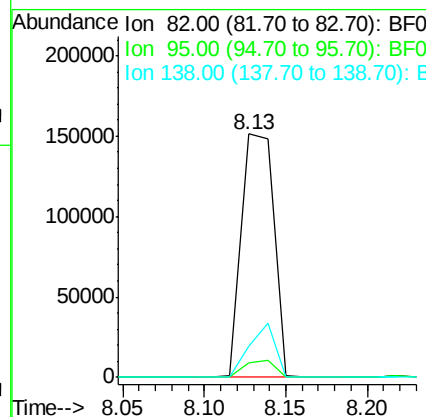
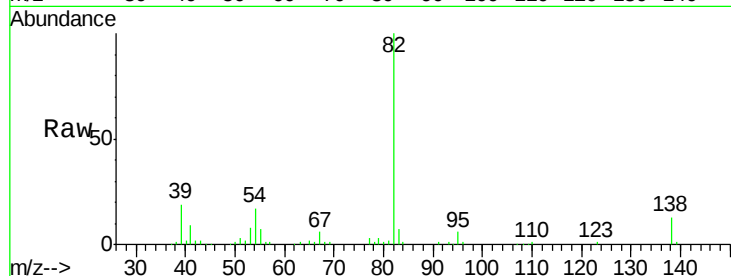
Tgt Ion: 82 Resp: 207264

Ion Ratio Lower Upper

82 100

95 6.2 4.0 6.0#

138 12.7 18.3 27.5#



#26

2-Nitrophenol

Concen: 39.52 ng

RT: 8.22 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF080097.D

Acq: 22 Jun 2015 16:39

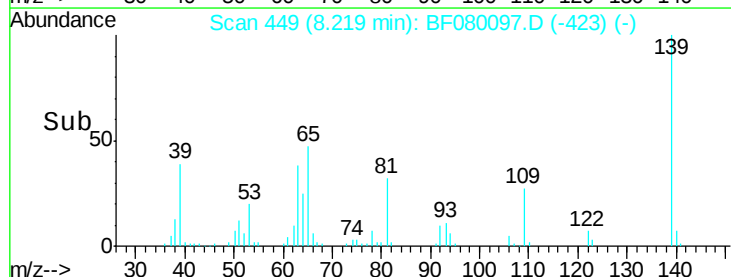
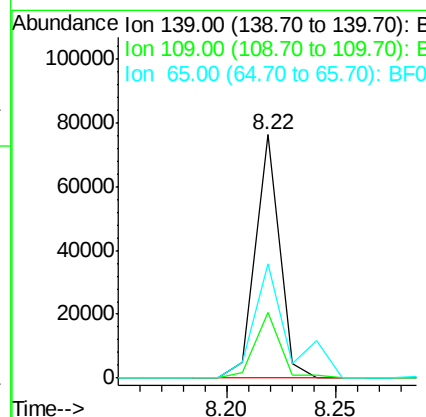
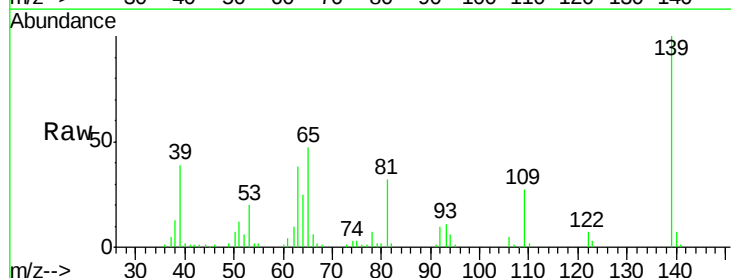
Tgt Ion: 139 Resp: 58819

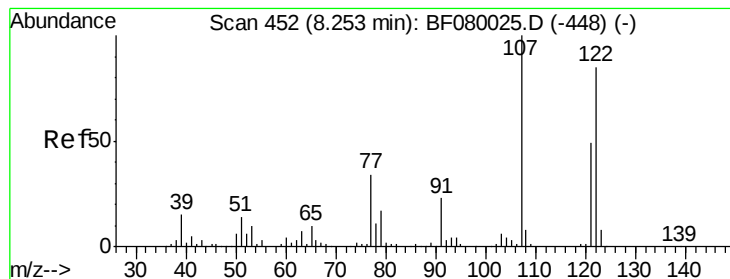
Ion Ratio Lower Upper

139 100

109 26.8 11.0 16.4#

65 47.1 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 36.24 ng

RT: 8.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF080097.D

Acq: 22 Jun 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB84131BS

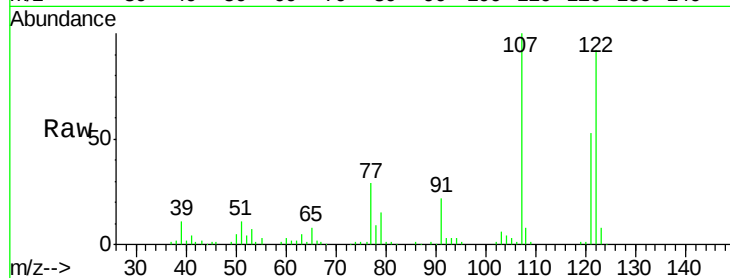
Tgt Ion:122 Resp: 112456

Ion Ratio Lower Upper

122 100

107 108.5 71.8 107.6#

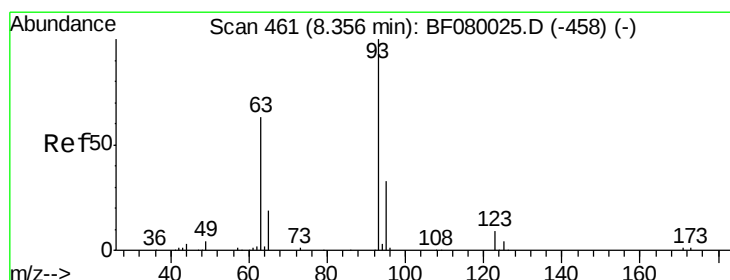
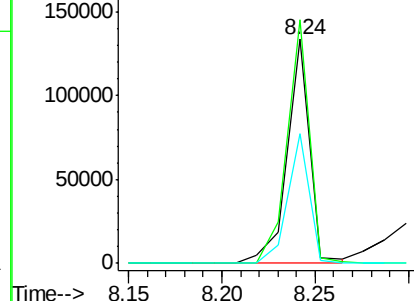
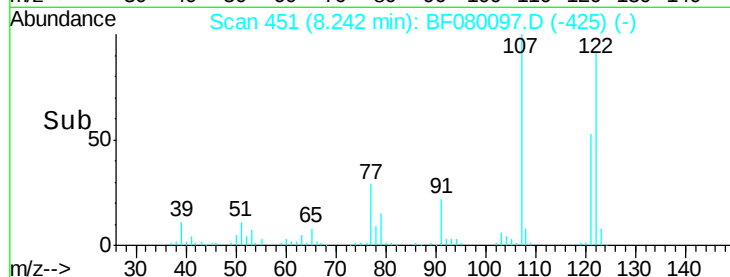
121 57.7 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 31.61 ng

RT: 8.33 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF080097.D

Acq: 22 Jun 2015 16:39

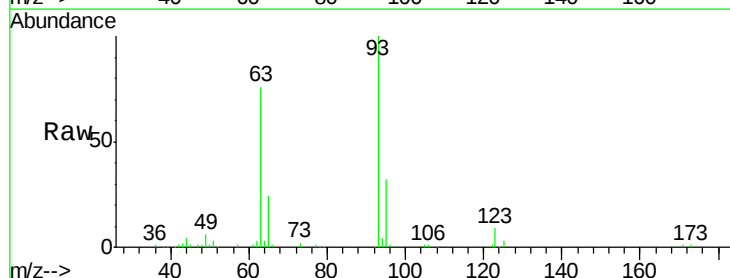
Tgt Ion: 93 Resp: 128768

Ion Ratio Lower Upper

93 100

95 32.2 27.5 41.3

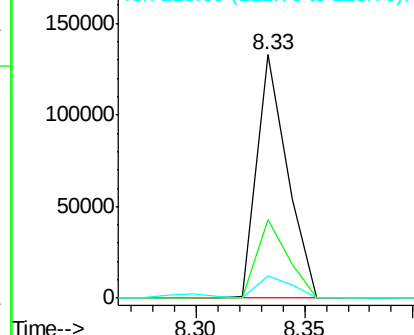
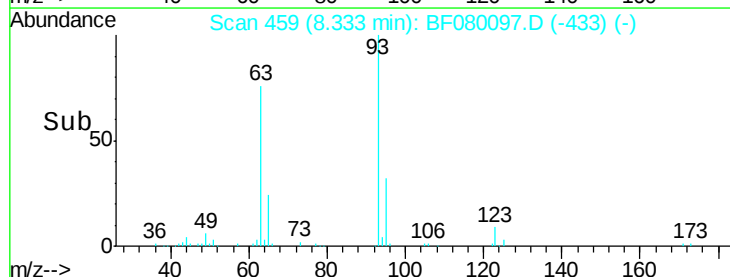
123 9.2 13.7 20.5#

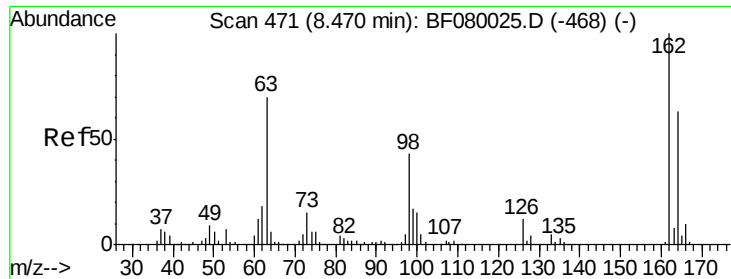


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

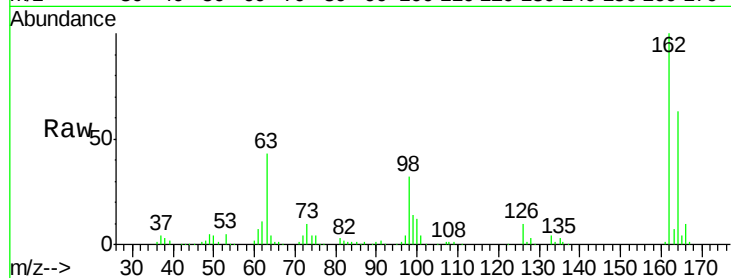




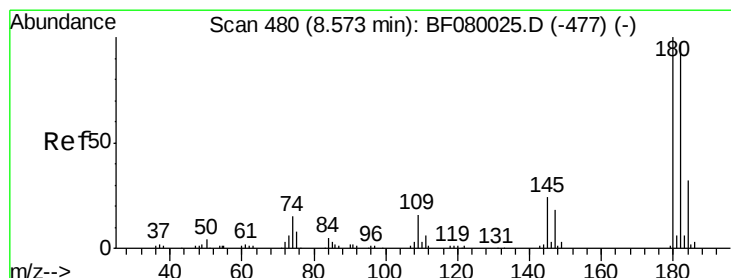
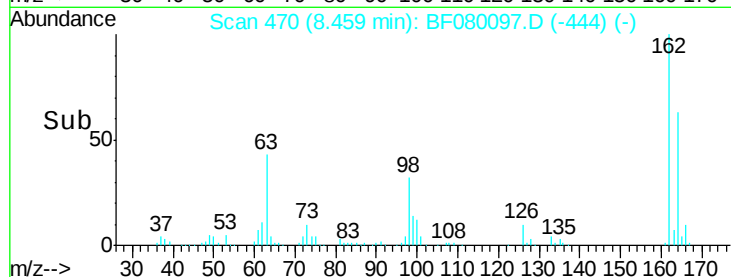
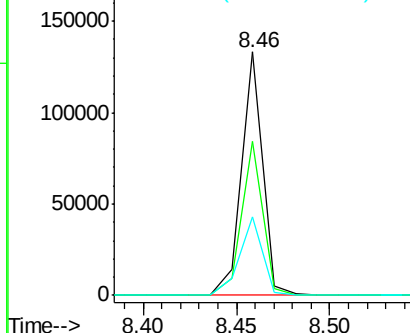
#29
 2,4-Dichlorophenol
 Concen: 39.54 ng
 RT: 8.46 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF080097.D
 Acq: 22 Jun 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84131BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.9	84.9
98	32.0	13.0	53.0

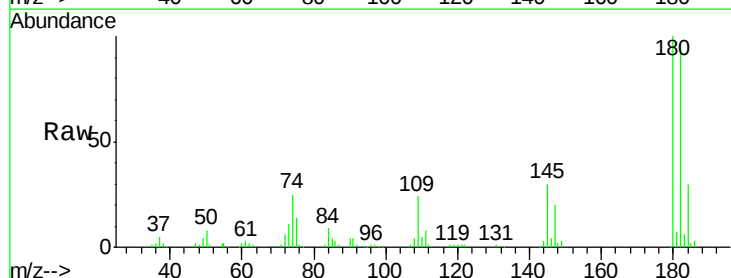


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

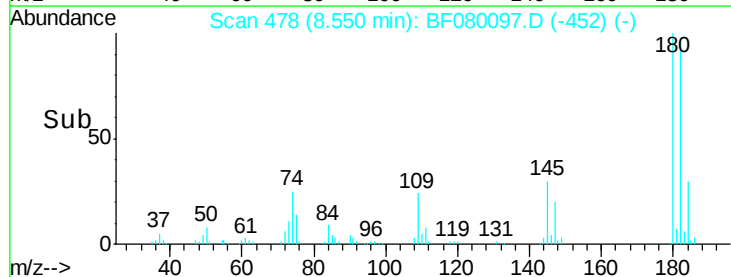
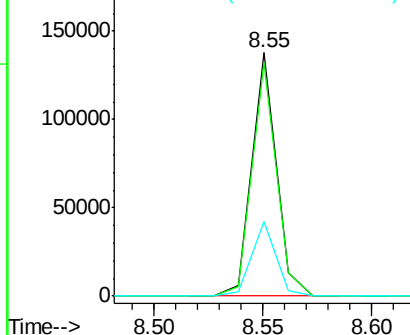


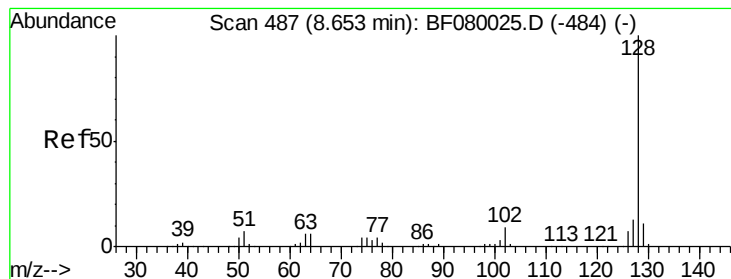
#30
 1,2,4-Trichlorobenzene
 Concen: 35.70 ng
 RT: 8.55 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: BF080097.D
 Acq: 22 Jun 2015 16:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	77.1	115.7
145	30.4	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: 30.07 ng m

RT: 8.63 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF080097.D

Acq: 22 Jun 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB84131BS

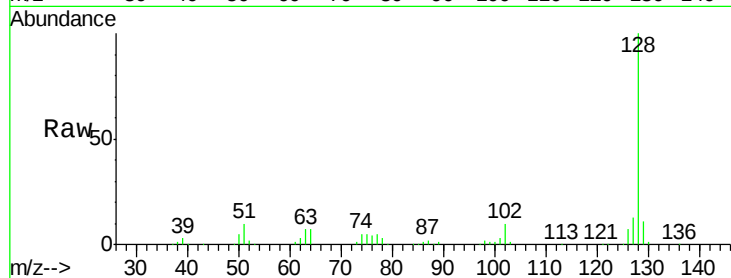
Tgt Ion:128 Resp: 315308

Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

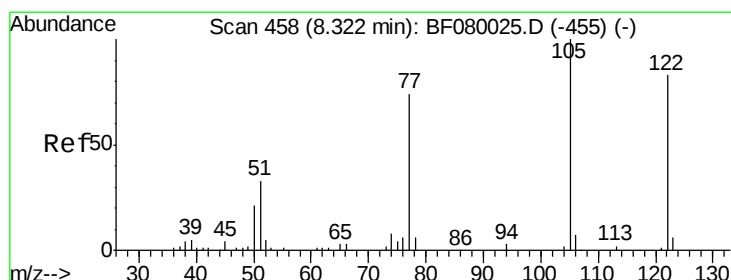
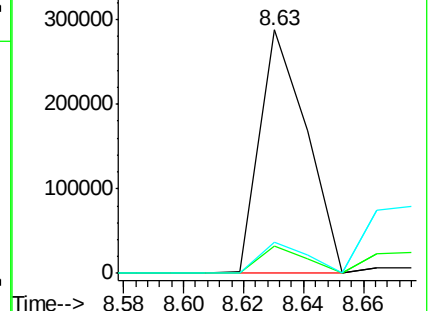
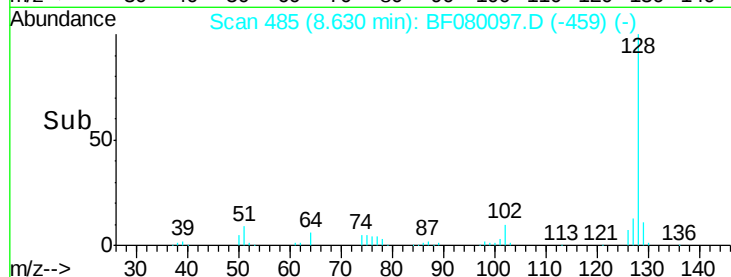
127 12.7 9.9 14.9



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: 22.15 ng

RT: 8.30 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF080097.D

Acq: 22 Jun 2015 16:39

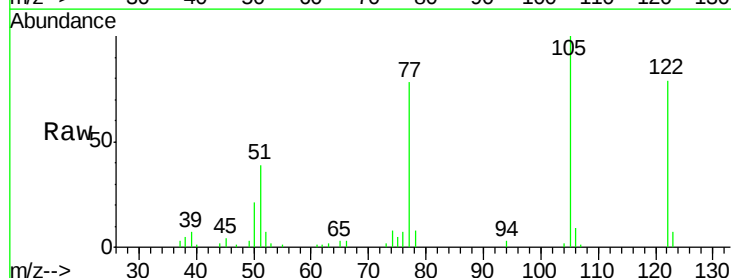
Tgt Ion:122 Resp: 41557

Ion Ratio Lower Upper

122 100

105 127.0 76.1 116.1#

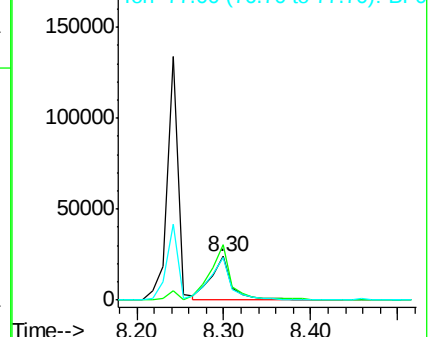
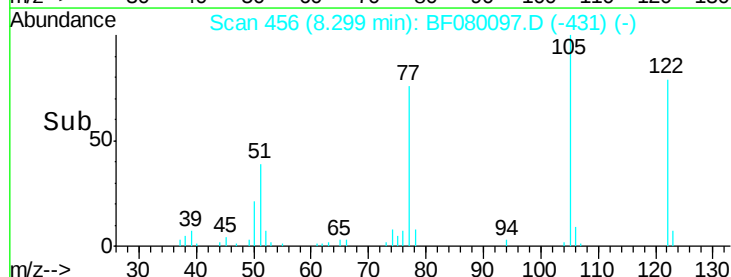
77 98.6 40.5 80.5#

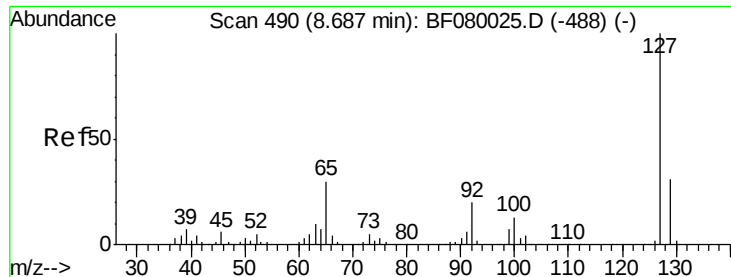


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

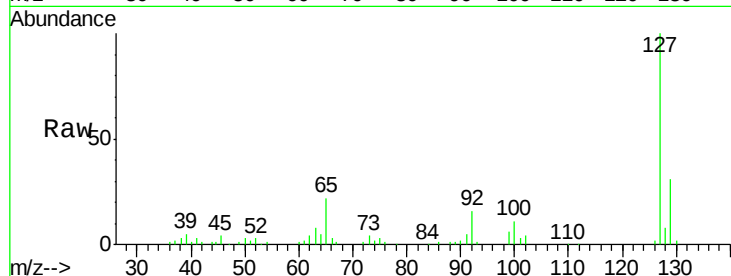




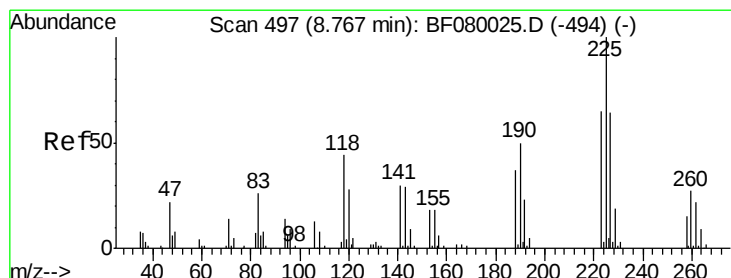
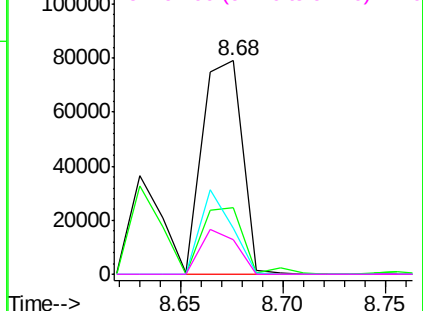
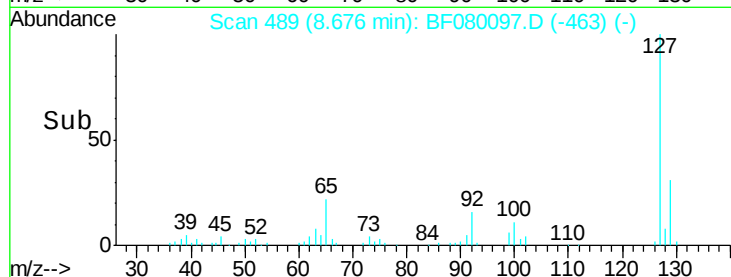
#33
4-Chloroaniline
Concen: 23.85 ng m
RT: 8.68 min Scan# 489
Delta R.T. -0.00 min
Lab File: BF080097.D
Acq: 22 Jun 2015 16:39

Instrument :
BNA_F
ClientSampleId :
PB84131BS

Tgt Ion:127 Resp: 107038
Ion Ratio Lower Upper
127 100
129 31.3 25.8 38.6
65 21.8 17.9 26.9
92 16.0 10.5 15.7#

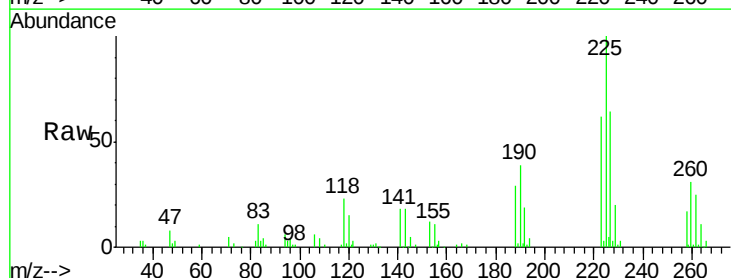


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

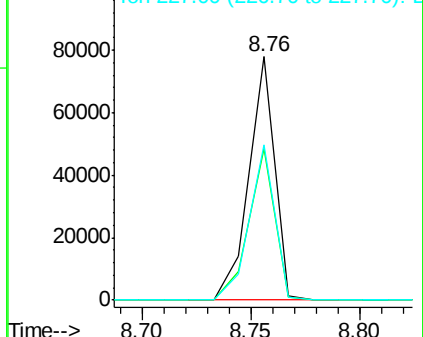
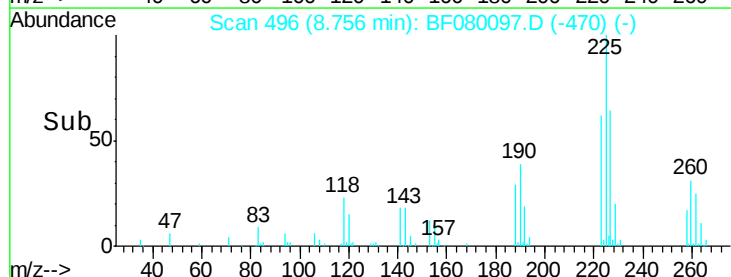


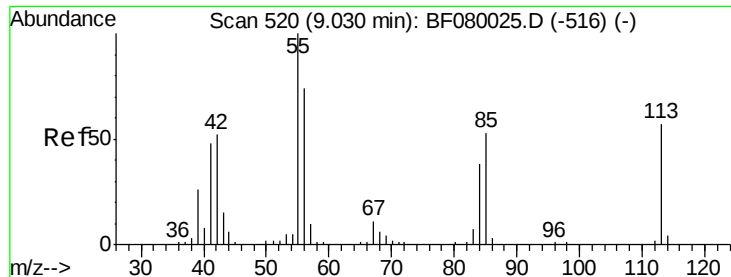
#34
Hexachlorobutadiene
Concen: 34.41 ng
RT: 8.76 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF080097.D
Acq: 22 Jun 2015 16:39

Tgt Ion:225 Resp: 63948
Ion Ratio Lower Upper
225 100
223 62.3 50.2 75.2
227 63.6 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

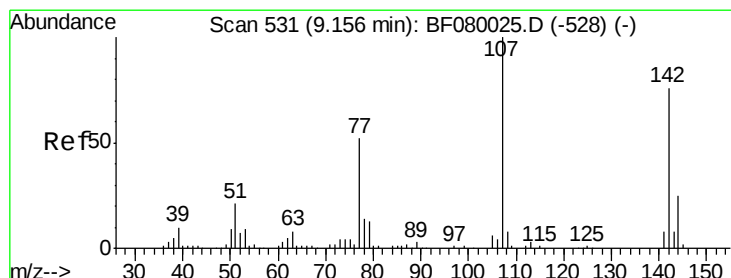
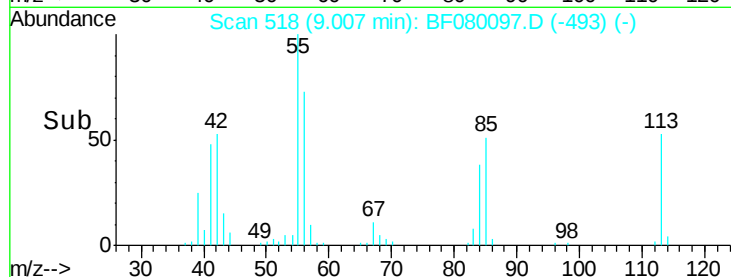
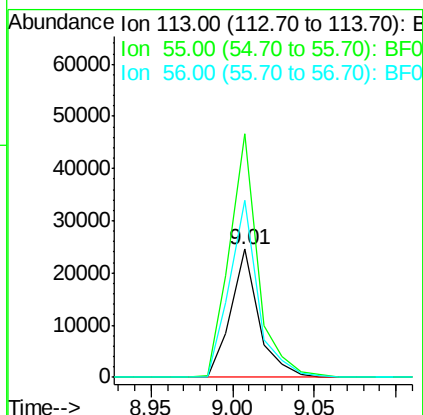
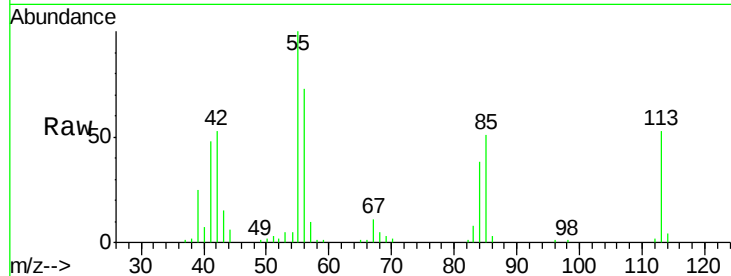




#35
 Caprolactam
 Concen: 33.52 ng
 RT: 9.01 min Scan# 518
 Delta R.T. -0.01 min
 Lab File: BF080097.D
 Acq: 22 Jun 2015 16:39

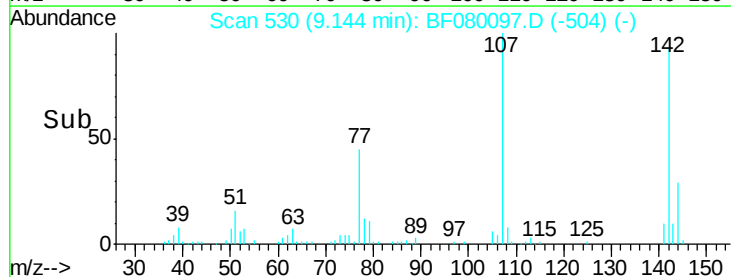
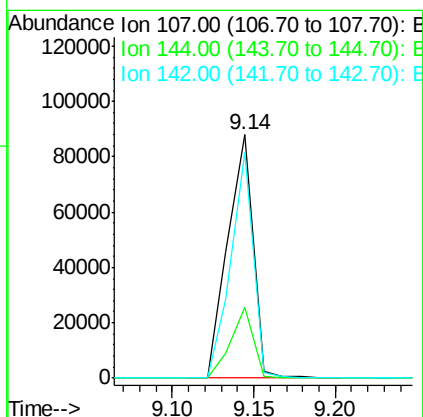
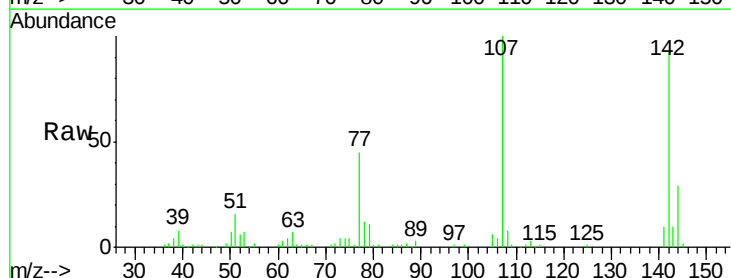
Instrument :
 BNA_F
 ClientSampleId :
 PB84131BS

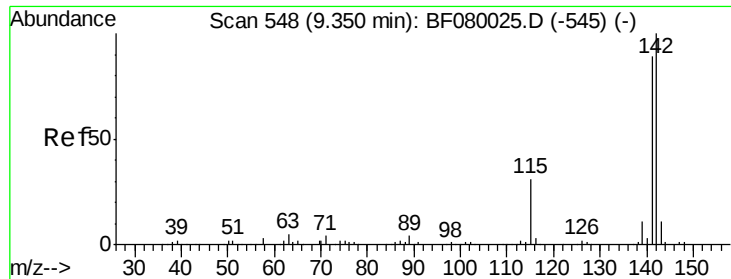
Tgt Ion:113 Resp: 28913
 Ion Ratio Lower Upper
 113 100
 55 190.2 152.4 192.4
 56 138.5 104.6 144.6



#36
 4-Chloro-3-methylphenol
 Concen: 31.39 ng
 RT: 9.14 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: BF080097.D
 Acq: 22 Jun 2015 16:39

Tgt Ion:107 Resp: 94095
 Ion Ratio Lower Upper
 107 100
 144 28.9 25.4 38.0
 142 92.5 77.3 115.9

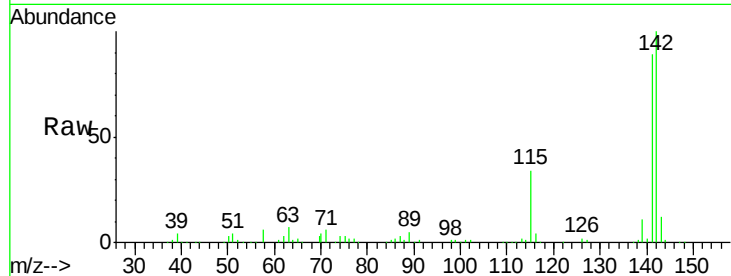




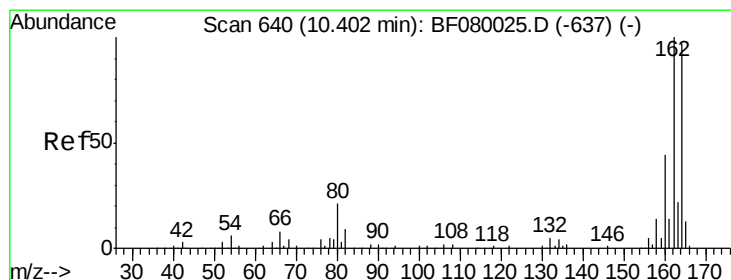
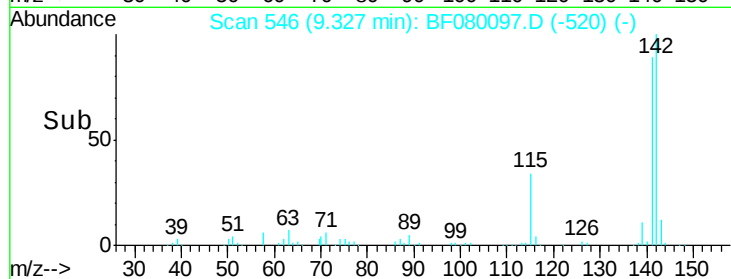
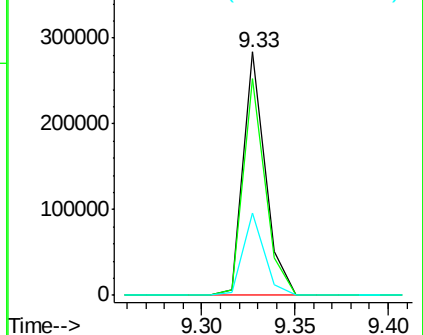
#37
 2-Methylnaphthalene
 Concen: 34.58 ng
 RT: 9.33 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF080097.D
 Acq: 22 Jun 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84131BS

Tgt Ion:142 Resp: 234547
 Ion Ratio Lower Upper
 142 100
 141 88.8 67.5 101.3
 115 33.7 18.2 27.2#

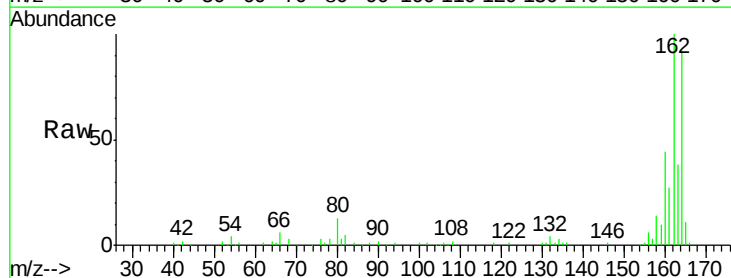


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

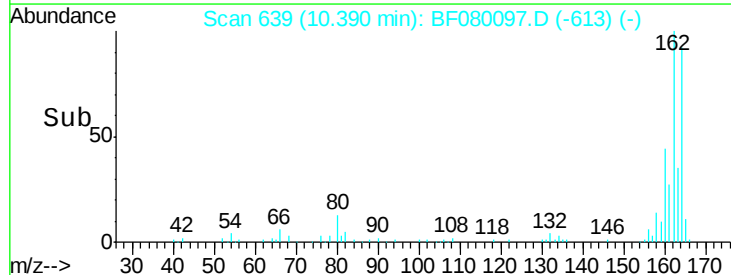
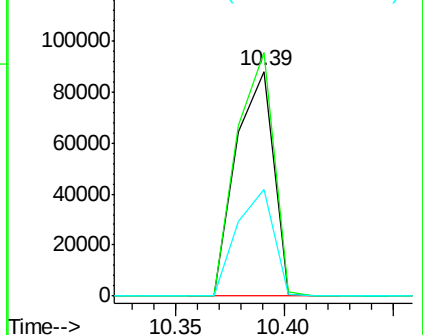


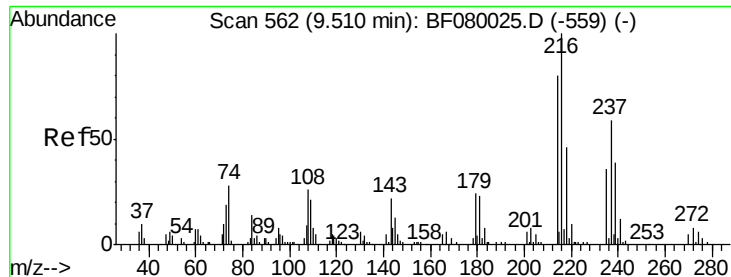
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.39 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF080097.D
 Acq: 22 Jun 2015 16:39

Tgt Ion:164 Resp: 104842
 Ion Ratio Lower Upper
 164 100
 162 108.3 75.2 112.8
 160 47.4 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: 36.57 ng

RT: 9.50 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF080097.D

Acq: 22 Jun 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB84131BS

Tgt Ion:216 Resp: 111571

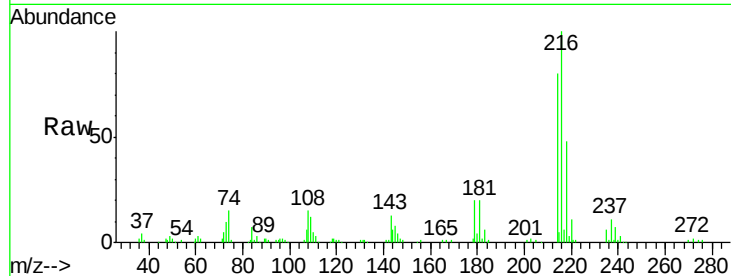
Ion Ratio Lower Upper

216 100

214 79.7 63.5 95.3

179 20.7 16.6 24.8

108 19.0 16.3 24.5

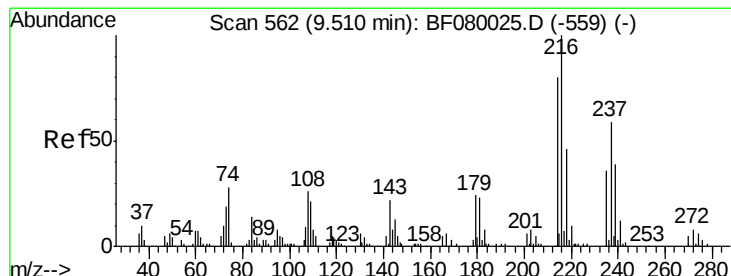
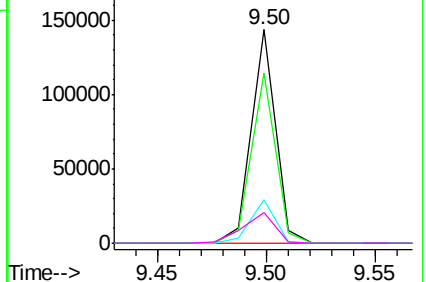
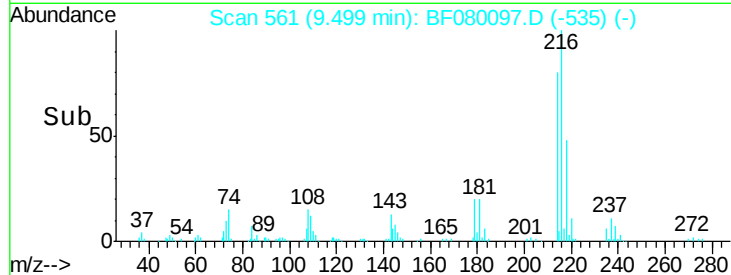


Abundance Ion 216.00 (215.70 to 216.70): E

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: 69.52 ng

RT: 9.49 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF080097.D

Acq: 22 Jun 2015 16:39

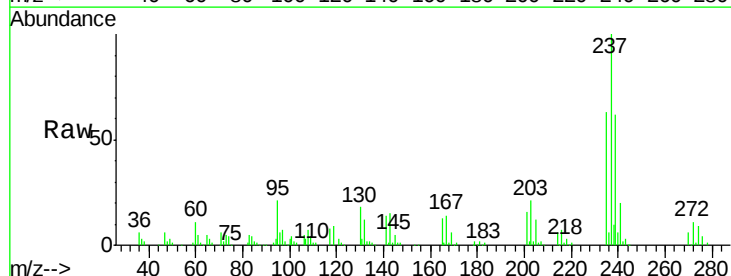
Tgt Ion:237 Resp: 107755

Ion Ratio Lower Upper

237 100

235 62.6 42.0 82.0

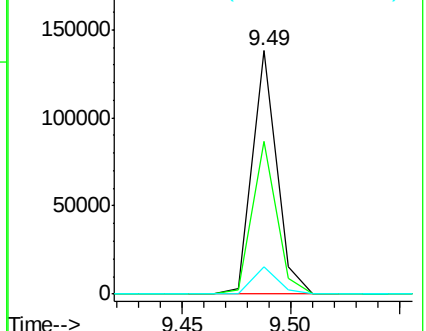
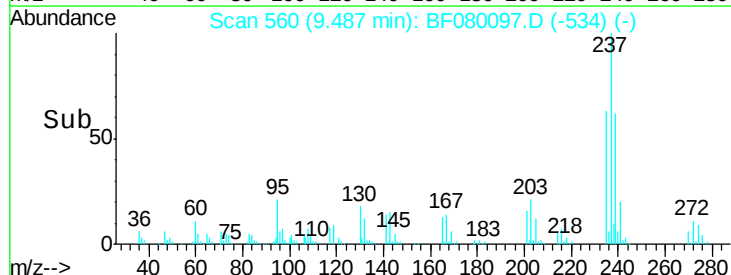
272 11.5 0.0 36.1

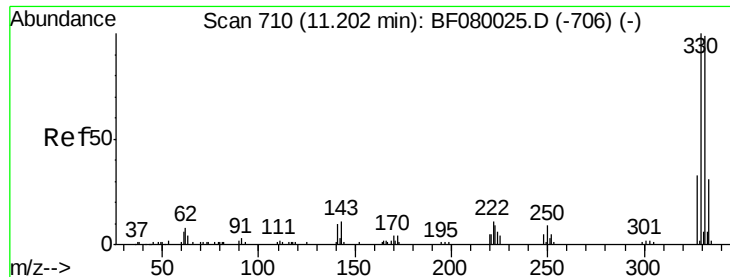


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

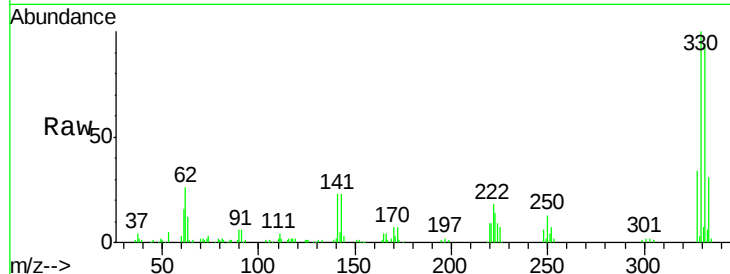




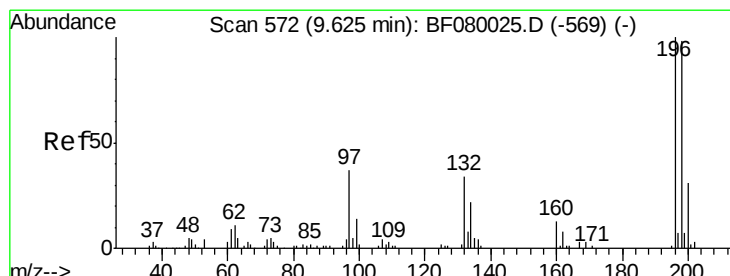
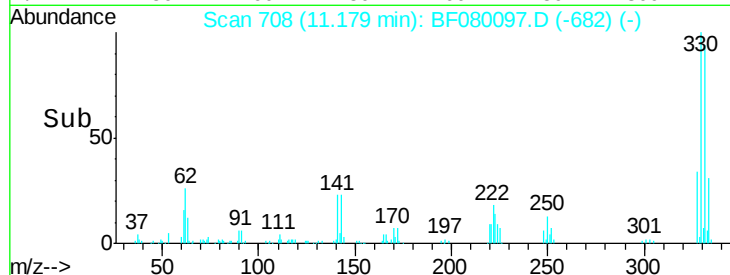
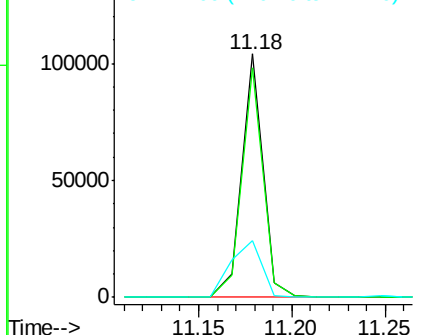
#41
 2,4,6-Tribromophenol
 Concen: 80.84 ng
 RT: 11.18 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF080097.D
 Acq: 22 Jun 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84131BS

Tgt Ion:330 Resp: 82875
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 114.8
 141 33.7 29.7 44.5

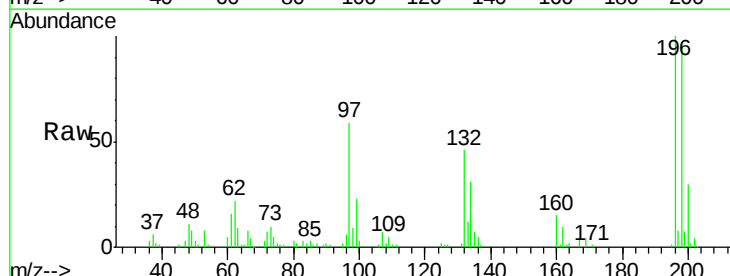


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

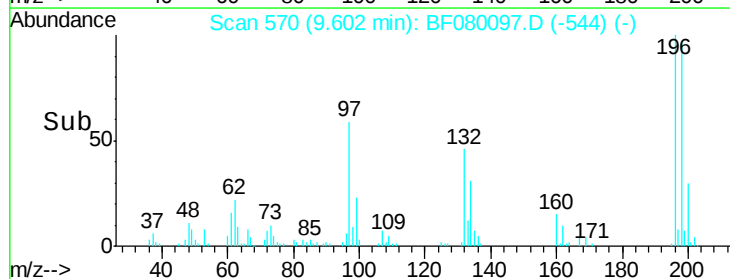
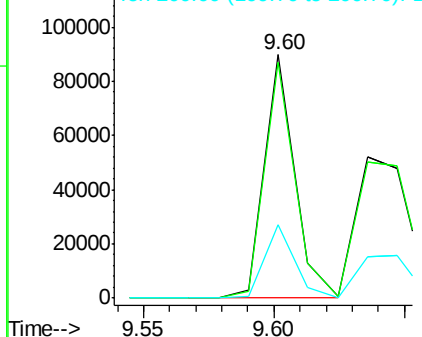


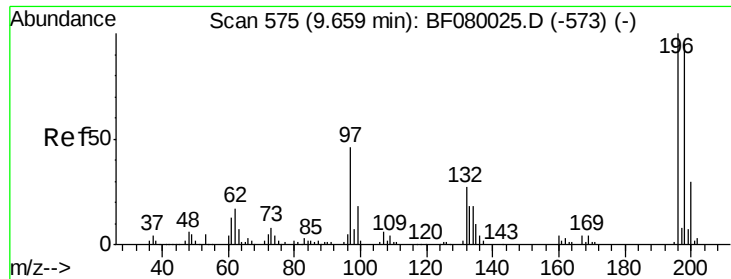
#42
 2,4,6-Trichlorophenol
 Concen: 35.07 ng
 RT: 9.60 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: BF080097.D
 Acq: 22 Jun 2015 16:39

Tgt Ion:196 Resp: 72805
 Ion Ratio Lower Upper
 196 100
 198 97.0 75.7 113.5
 200 30.1 23.9 35.9



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

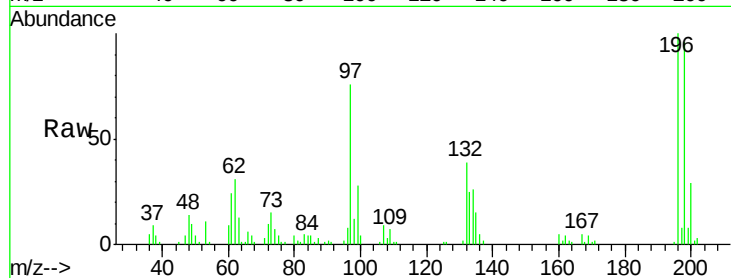




#43
 2,4,5-Trichlorophenol
 Concen: 29.54 ng
 RT: 9.64 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF080097.D
 Acq: 22 Jun 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84131BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.4	113.0
97	75.6	33.3	49.9
132	38.8	24.6	37.0



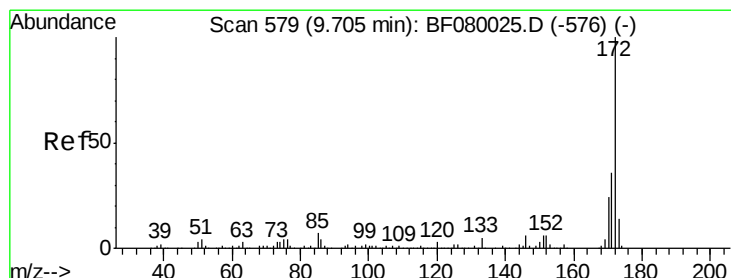
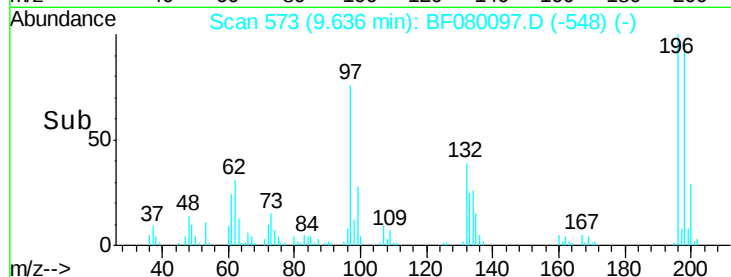
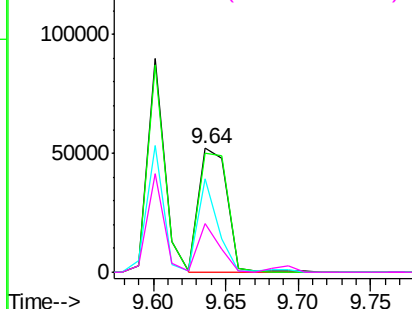
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

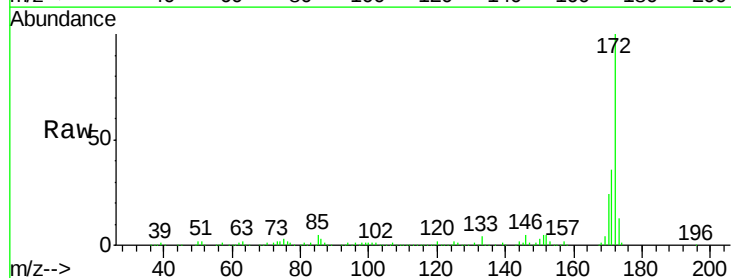
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 84.77 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: BF080097.D
 Acq: 22 Jun 2015 16:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	26.1	39.1
170	24.4	17.4	26.2

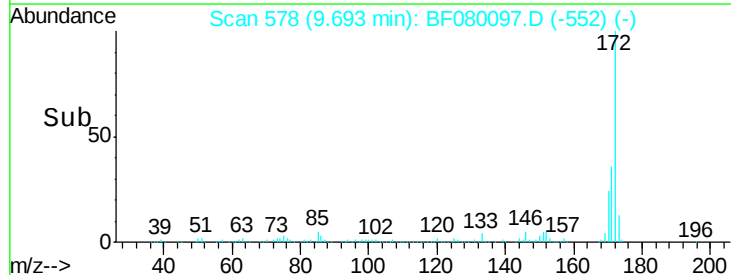
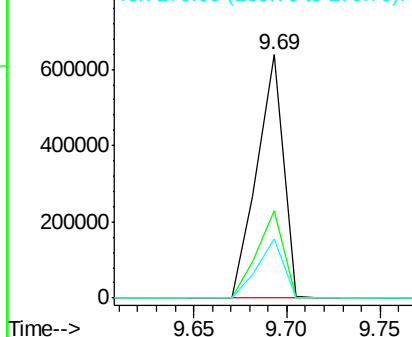


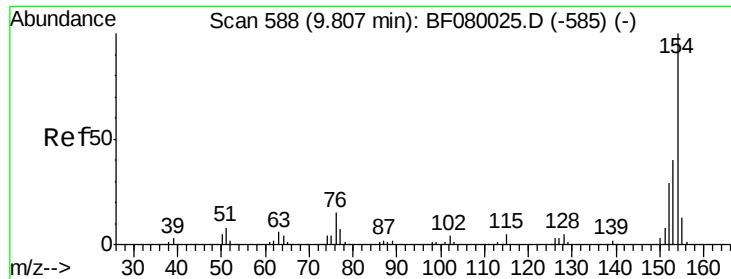
Abundance

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

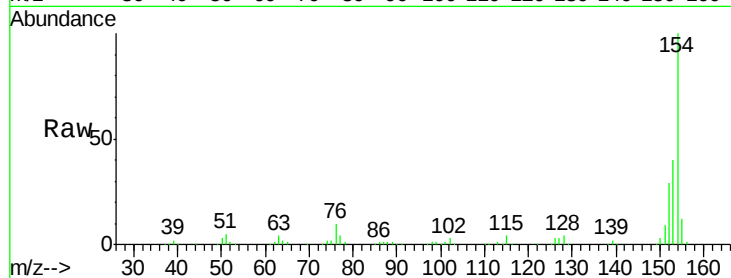




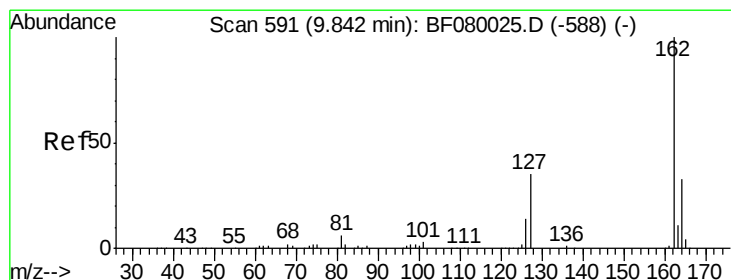
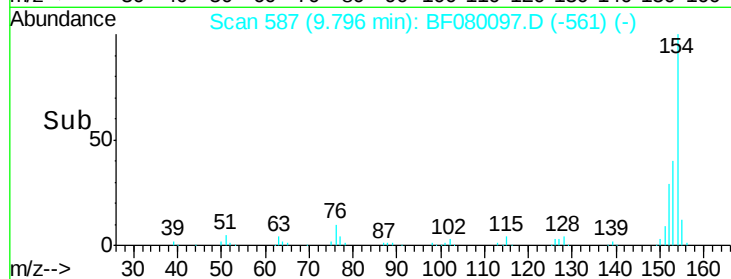
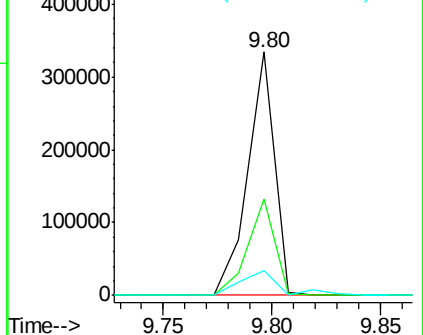
#45
 1,1'-Biphenyl
 Concen: 33.37 ng
 RT: 9.80 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF080097.D
 Acq: 22 Jun 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84131BS

Tgt Ion:154 Resp: 284676
 Ion Ratio Lower Upper
 154 100
 153 39.6 17.1 57.1
 76 10.1 0.0 31.6

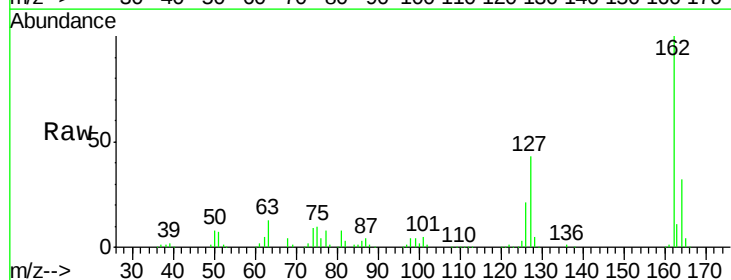


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

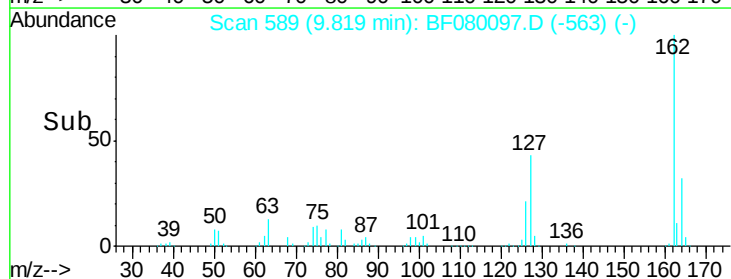
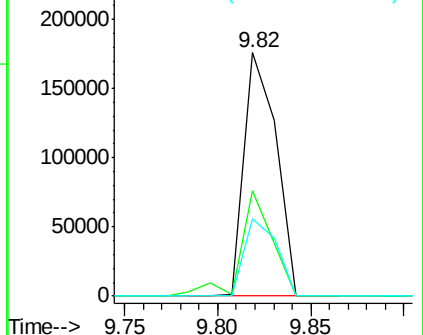


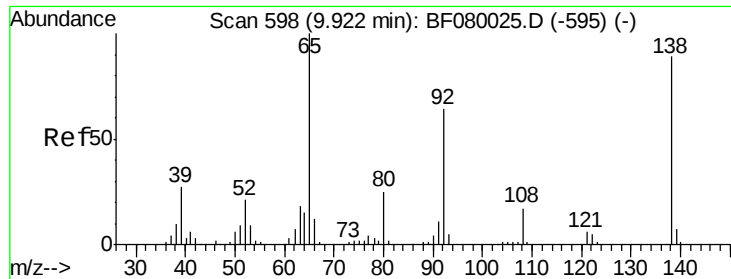
#46
 2-Chloronaphthalene
 Concen: 30.25 ng
 RT: 9.82 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: BF080097.D
 Acq: 22 Jun 2015 16:39

Tgt Ion:162 Resp: 209365
 Ion Ratio Lower Upper
 162 100
 127 43.4 27.6 41.4#
 164 31.7 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

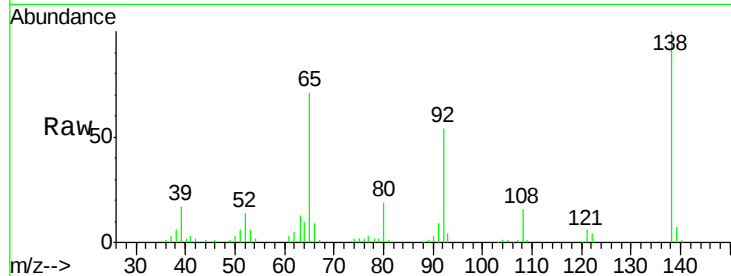




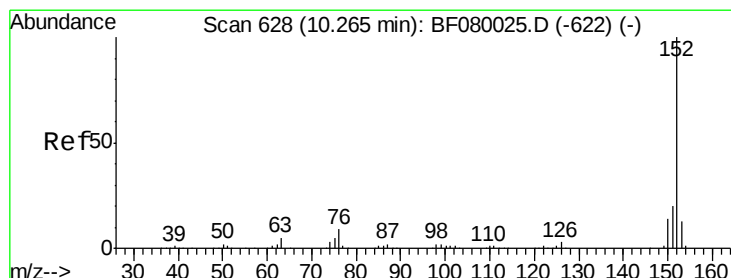
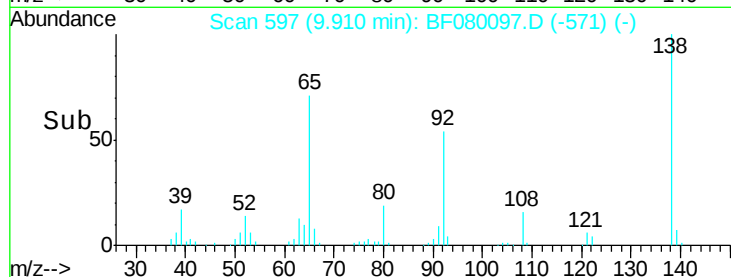
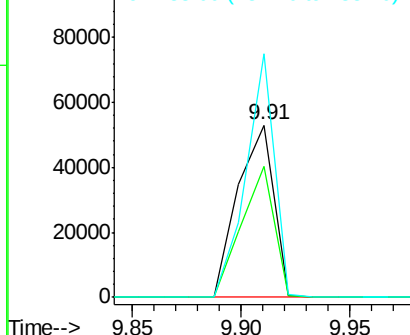
#47
2-Nitroaniline
Concen: 31.96 ng
RT: 9.91 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF080097.D
Acq: 22 Jun 2015 16:39

Instrument :
BNA_F
ClientSampleId :
PB84131BS

Tgt Ion: 65 Resp: 60719
Ion Ratio Lower Upper
65 100
92 75.8 55.4 83.0
138 141.3 115.5 173.3

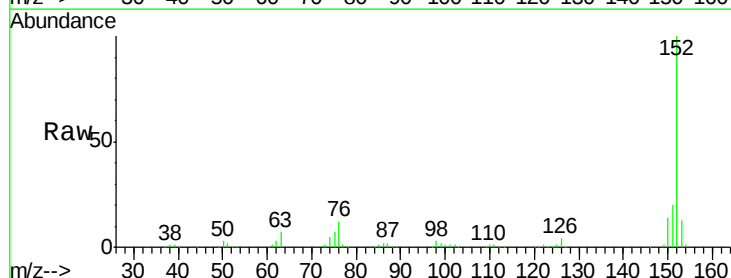


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

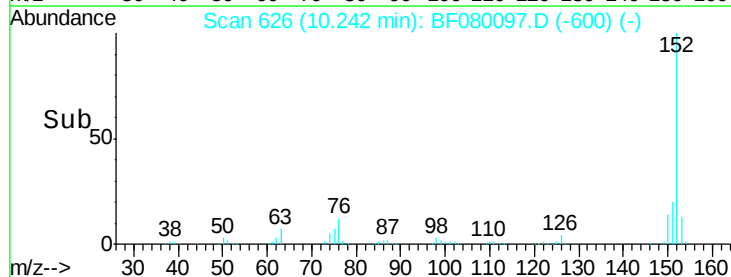
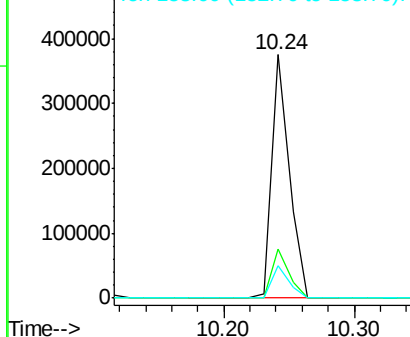


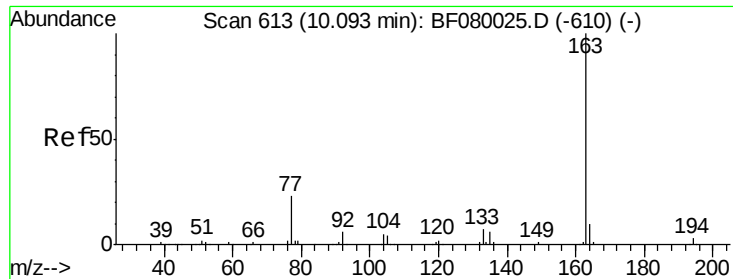
#48
Acenaphthylene
Concen: 30.67 ng
RT: 10.24 min Scan# 626
Delta R.T. -0.00 min
Lab File: BF080097.D
Acq: 22 Jun 2015 16:39

Tgt Ion: 152 Resp: 354264
Ion Ratio Lower Upper
152 100
151 20.0 14.6 22.0
153 13.2 10.3 15.5



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

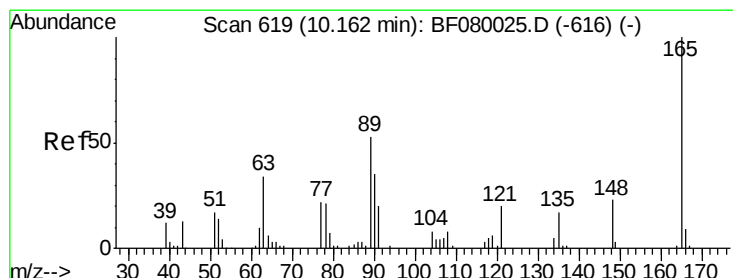
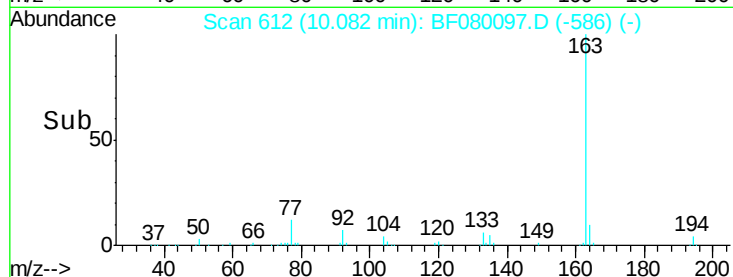
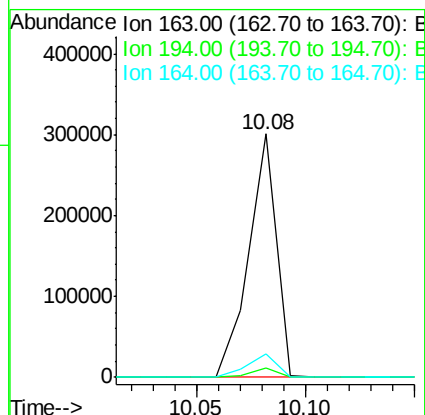
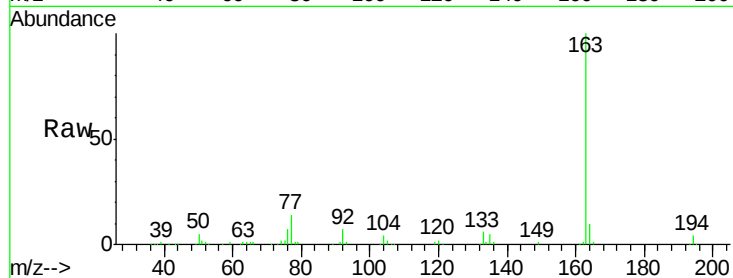




#49
Dimethylphthalate
Concen: 33.57 ng
RT: 10.08 min Scan# 612
Delta R.T. -0.00 min
Lab File: BF080097.D
Acq: 22 Jun 2015 16:39

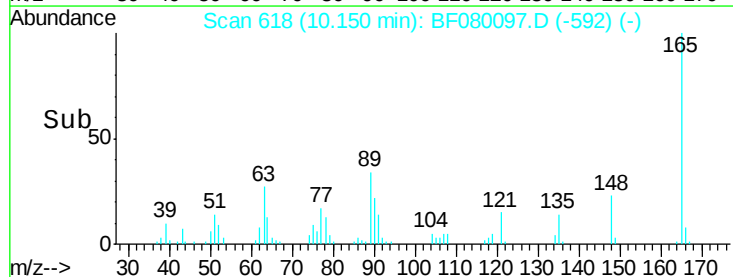
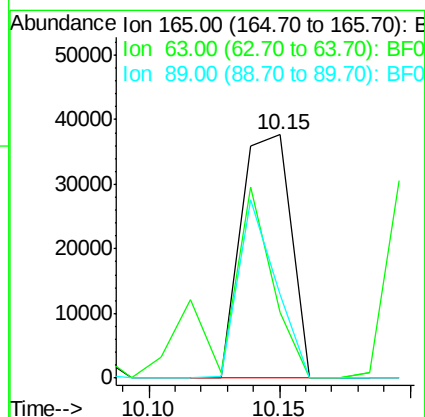
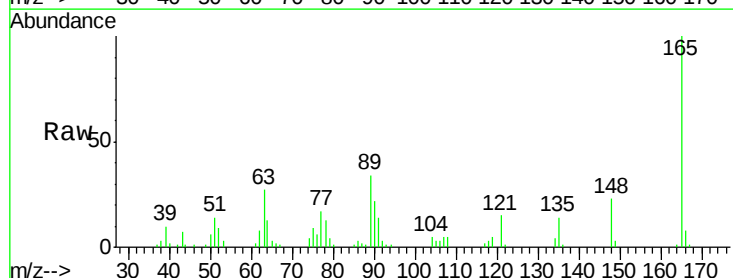
Instrument :
BNA_F
ClientSampleId :
PB84131BS

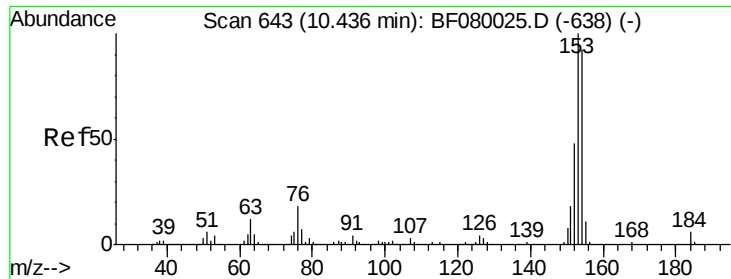
Tgt Ion:163 Resp: 264600
Ion Ratio Lower Upper
163 100
194 4.1 4.4 6.6#
164 9.6 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 31.98 ng
RT: 10.15 min Scan# 618
Delta R.T. -0.00 min
Lab File: BF080097.D
Acq: 22 Jun 2015 16:39

Tgt Ion:165 Resp: 50530
Ion Ratio Lower Upper
165 100
63 27.2 32.3 48.5#
89 34.5 28.6 43.0





#51

Acenaphthene

Concen: 32.36 ng

RT: 10.41 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF080097.D

Acq: 22 Jun 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB84131BS

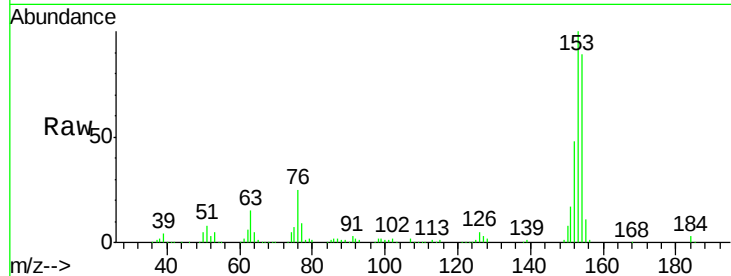
Tgt Ion:154 Resp: 228722

Ion Ratio Lower Upper

154 100

153 112.5 82.1 123.1

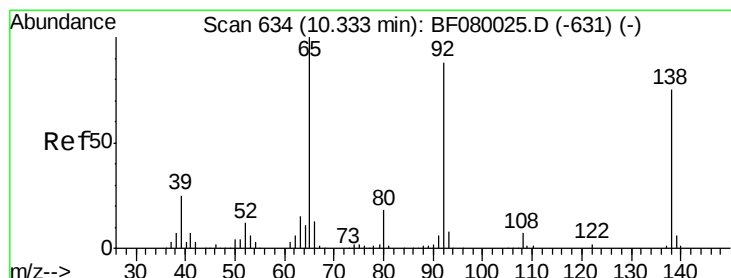
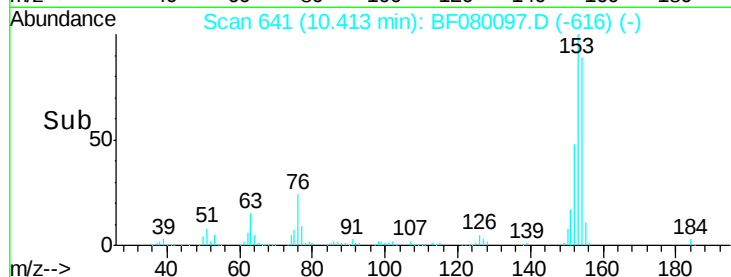
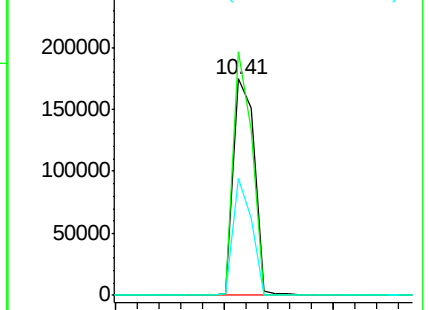
152 54.1 37.9 56.9



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: 27.29 ng

RT: 10.31 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF080097.D

Acq: 22 Jun 2015 16:39

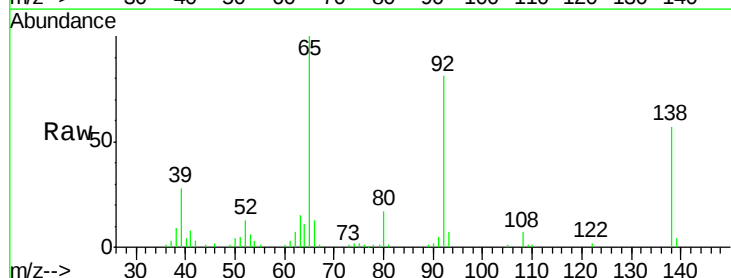
Tgt Ion:138 Resp: 49756

Ion Ratio Lower Upper

138 100

108 11.8 5.7 8.5#

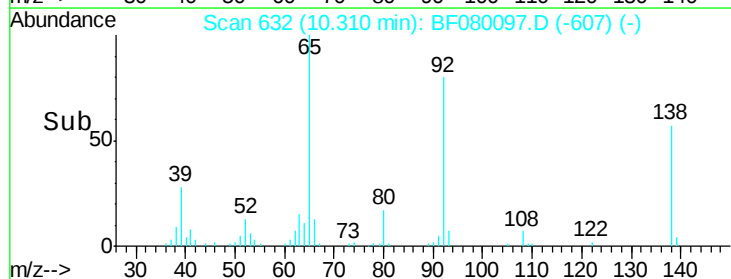
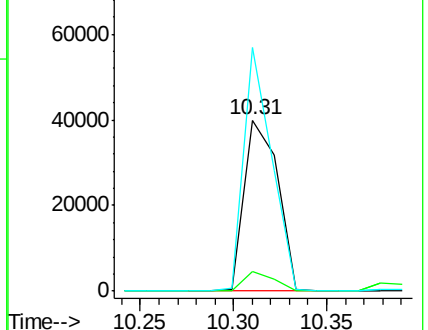
92 142.4 67.7 101.5#

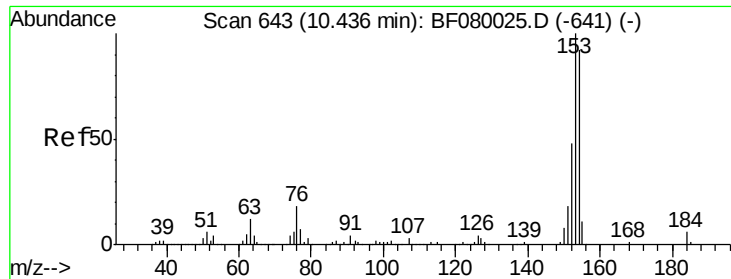


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

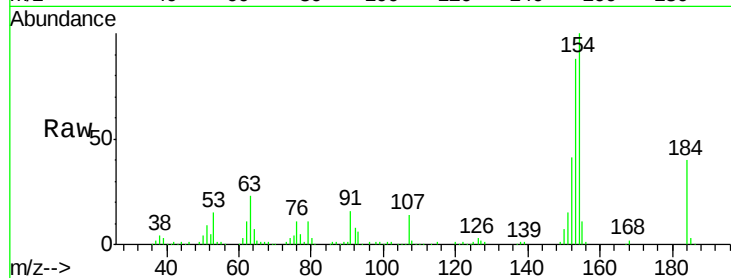




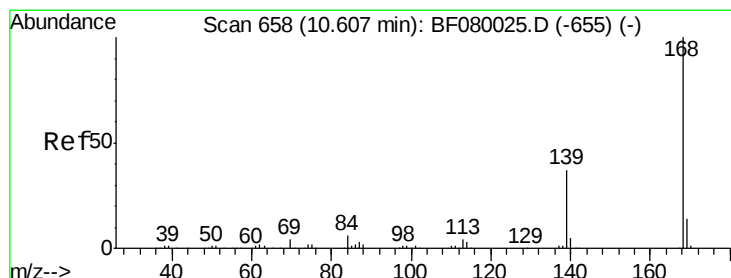
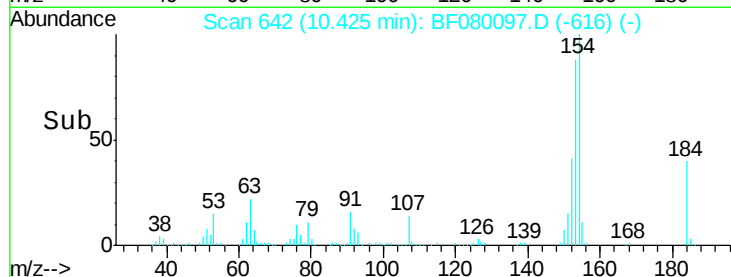
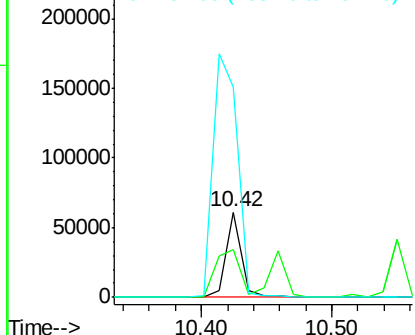
#53
2,4-Dinitrophenol
Concen: 79.45 ng
RT: 10.42 min Scan# 642
Delta R.T. -0.00 min
Lab File: BF080097.D
Acq: 22 Jun 2015 16:39

Instrument :
BNA_F
ClientSampleId :
PB84131BS

Tgt Ion:184 Resp: 51075
Ion Ratio Lower Upper
184 100
63 56.4 35.4 53.2#
154 247.7 32.2 48.4#

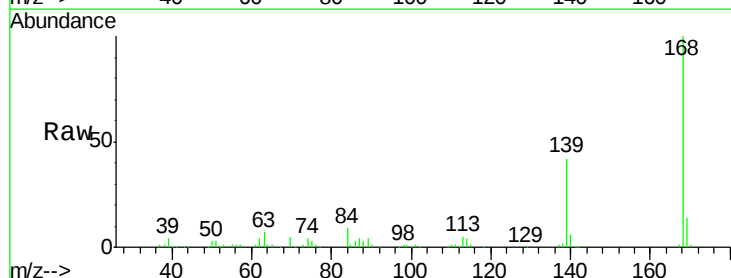


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

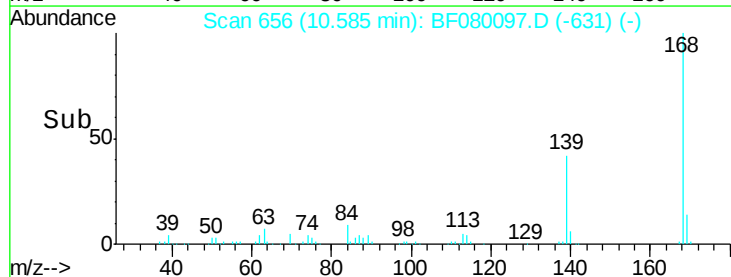
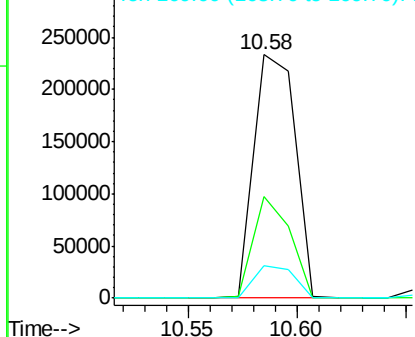


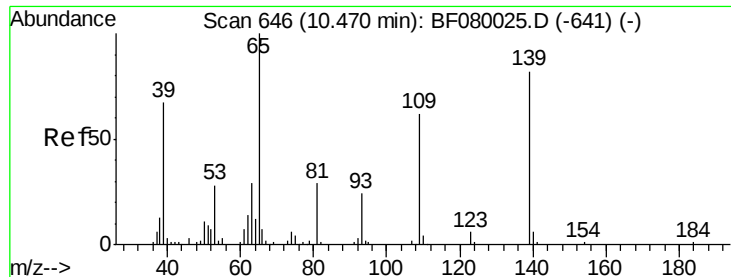
#54
Dibenzofuran
Concen: 31.04 ng
RT: 10.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF080097.D
Acq: 22 Jun 2015 16:39

Tgt Ion:168 Resp: 311243
Ion Ratio Lower Upper
168 100
139 41.7 24.2 36.2#
169 13.5 10.6 15.8



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





#55

4-Nitrophenol

Concen: 68.57 ng

RT: 10.46 min Scan# 645

Delta R.T. -0.00 min

Lab File: BF080097.D

Acq: 22 Jun 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB84131BS

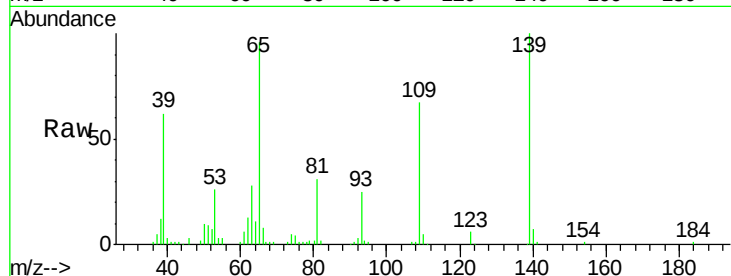
Tgt Ion:139 Resp: 99919

Ion Ratio Lower Upper

139 100

109 66.5 12.7 52.7#

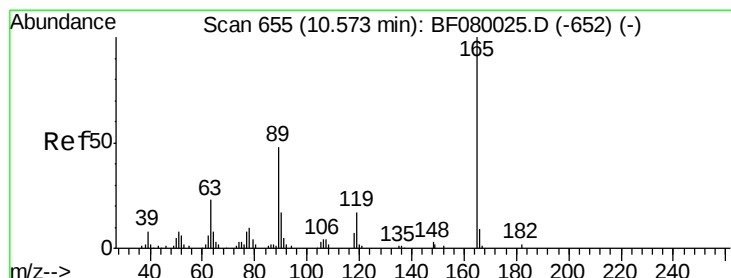
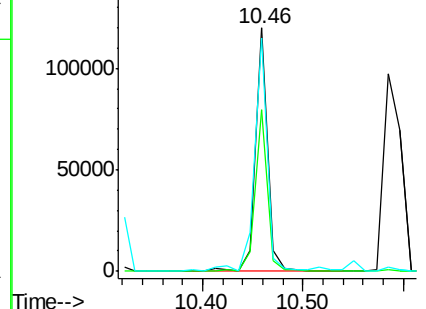
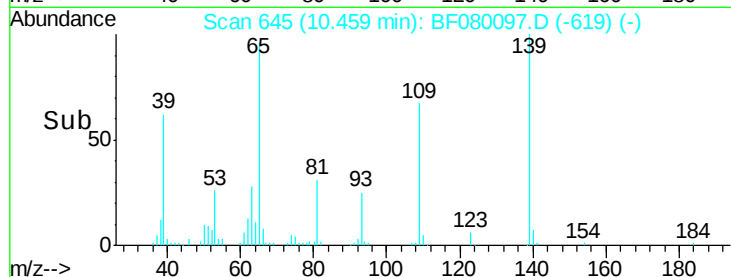
65 95.7 45.9 85.9#



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: 37.10 ng

RT: 10.55 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF080097.D

Acq: 22 Jun 2015 16:39

Tgt Ion:165 Resp: 74385

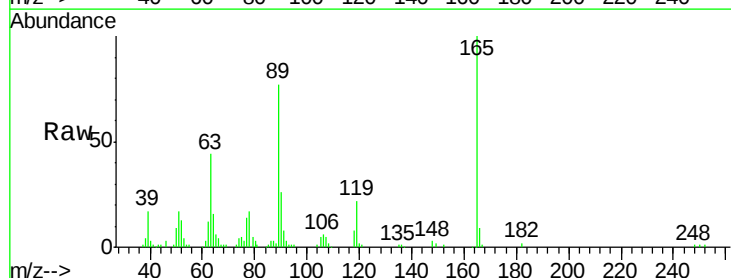
Ion Ratio Lower Upper

165 100

63 43.8 29.8 44.6

89 76.5 44.5 66.7#

182 2.2 3.0 4.4#

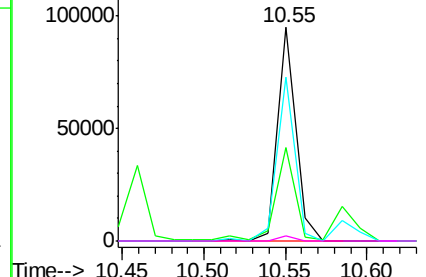
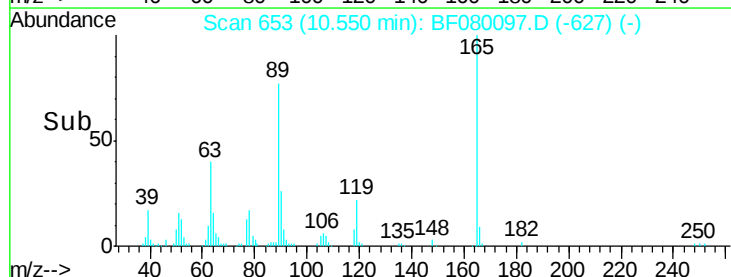


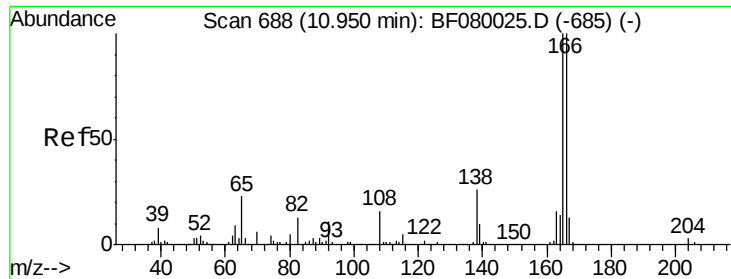
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

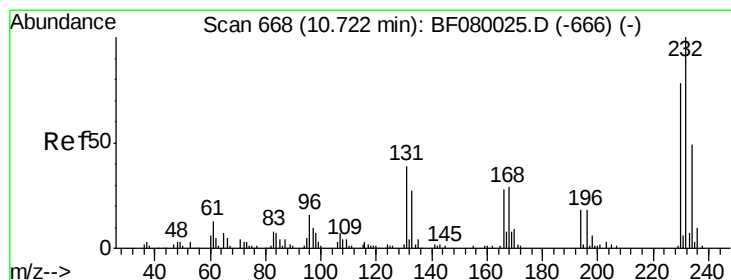
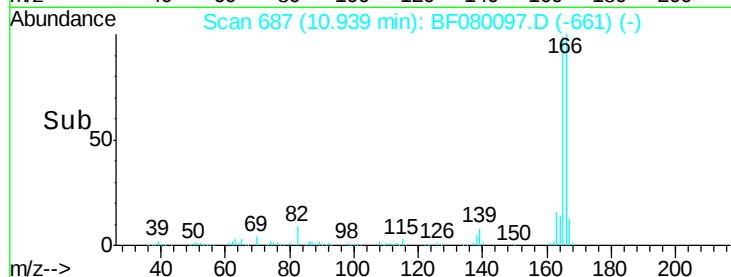
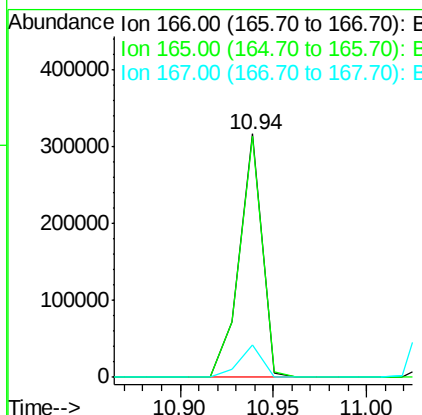
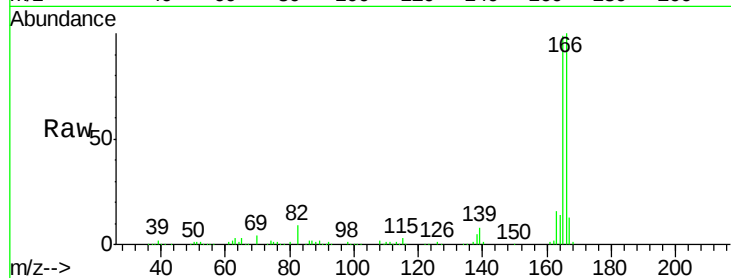




#57
Fluorene
 Concen: 34.07 ng
 RT: 10.94 min Scan# 687
 Delta R.T. -0.00 min
 Lab File: BF080097.D
 Acq: 22 Jun 2015 16:39

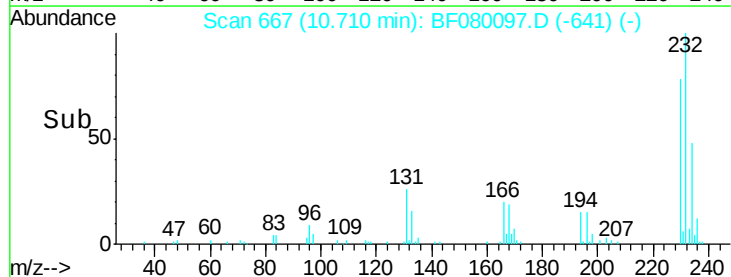
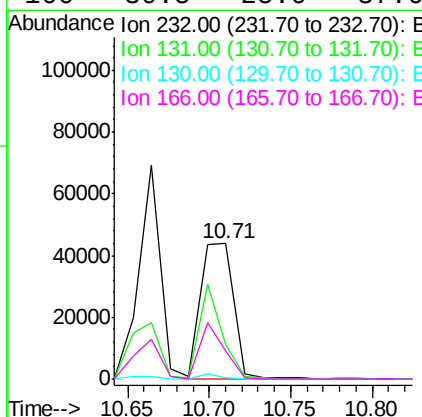
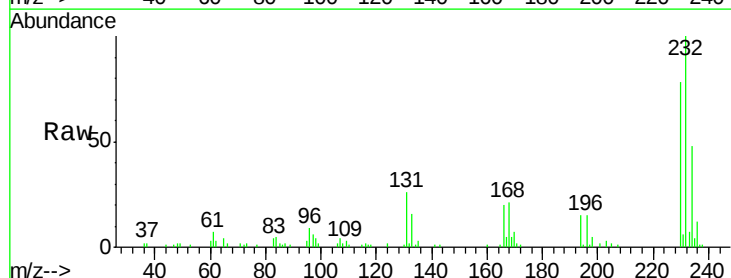
Instrument :
 BNA_F
 ClientSampleId :
 PB84131BS

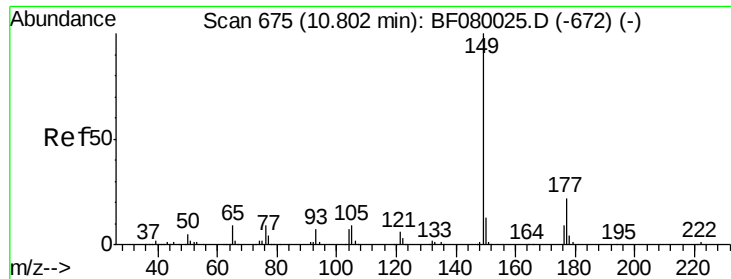
Tgt Ion:166 Resp: 271132
 Ion Ratio Lower Upper
 166 100
 165 98.7 72.6 109.0
 167 13.1 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 30.72 ng
 RT: 10.71 min Scan# 667
 Delta R.T. -0.00 min
 Lab File: BF080097.D
 Acq: 22 Jun 2015 16:39

Tgt Ion:232 Resp: 62026
 Ion Ratio Lower Upper
 232 100
 131 47.5 38.5 57.7
 130 2.2 1.8 2.6
 166 30.5 25.0 37.6

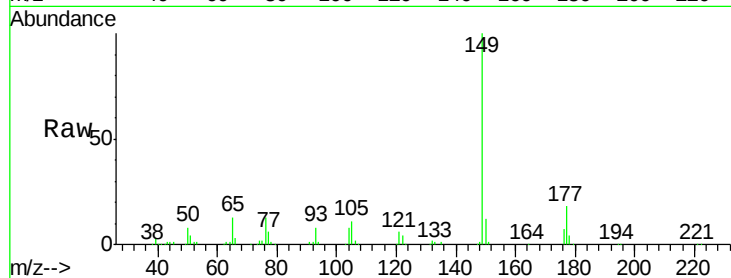




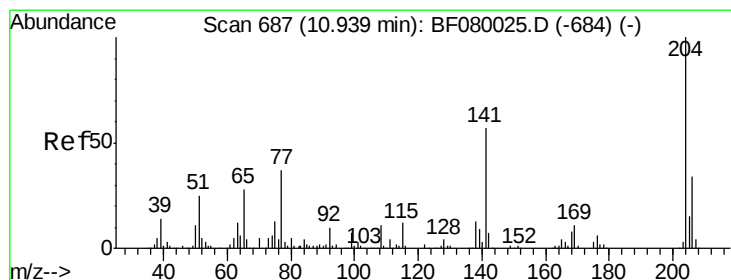
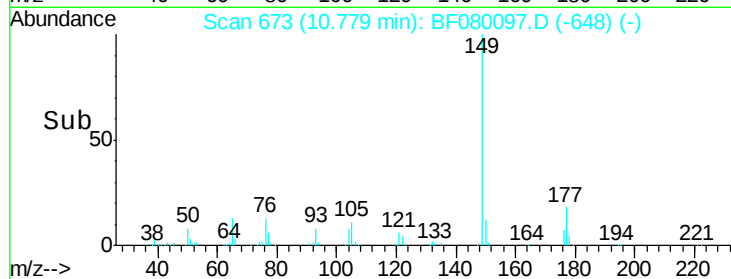
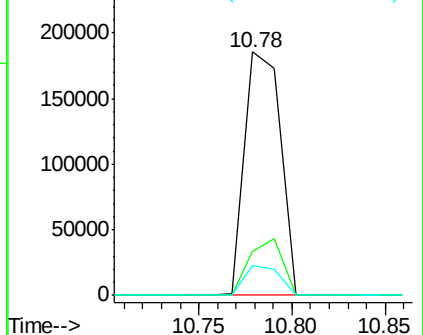
#59
Diethylphthalate
Concen: 31.14 ng
RT: 10.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF080097.D
Acq: 22 Jun 2015 16:39

Instrument :
BNA_F
ClientSampleId :
PB84131BS

Tgt Ion:149 Resp: 247143
Ion Ratio Lower Upper
149 100
177 18.2 17.5 26.3
150 12.2 9.4 14.2

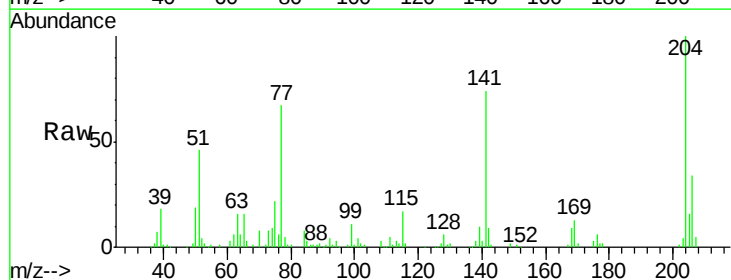


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

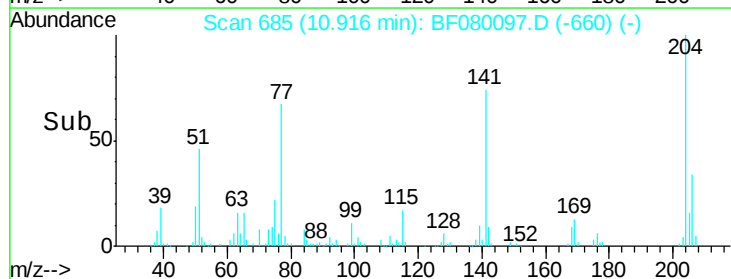
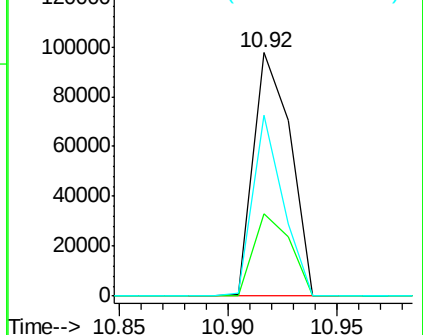


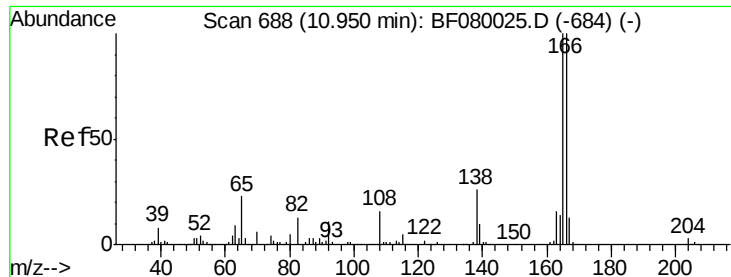
#60
4-Chlorophenyl-phenylether
Concen: 30.34 ng
RT: 10.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF080097.D
Acq: 22 Jun 2015 16:39

Tgt Ion:204 Resp: 116026
Ion Ratio Lower Upper
204 100
206 33.8 24.8 37.2
141 74.3 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: 30.85 ng

RT: 10.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF080097.D

Acq: 22 Jun 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB84131BS

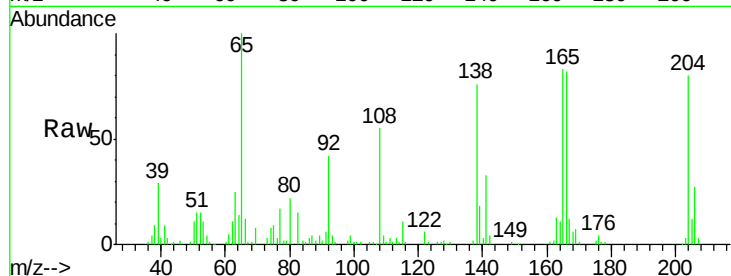
Tgt Ion:138 Resp: 58090

Ion Ratio Lower Upper

138 100

92 55.4 12.6 52.6#

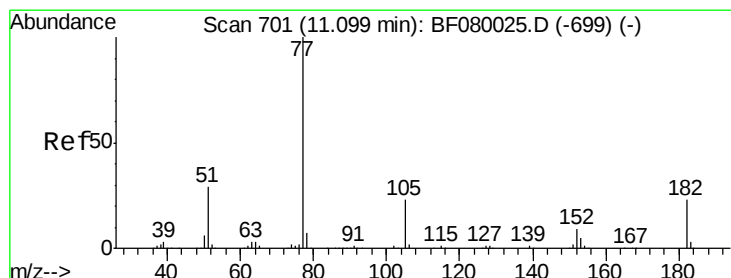
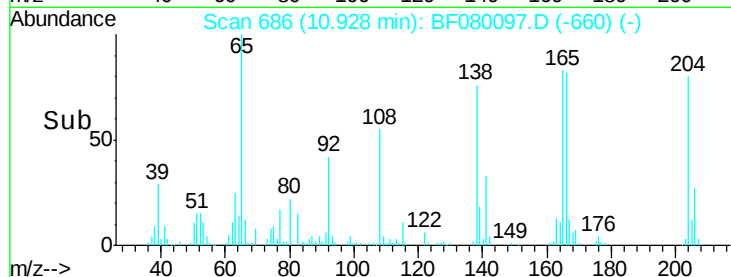
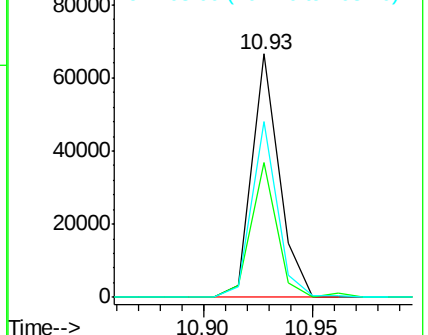
108 72.4 12.4 52.4#



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: 30.10 ng

RT: 11.08 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF080097.D

Acq: 22 Jun 2015 16:39

Tgt Ion: 77 Resp: 243206

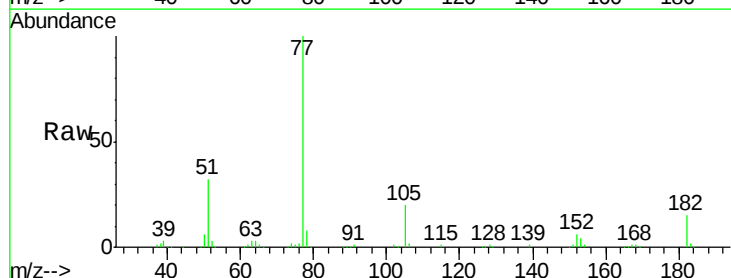
Ion Ratio Lower Upper

77 100

182 14.9 15.1 55.1#

105 19.9 3.4 43.4

51 32.4 12.0 52.0

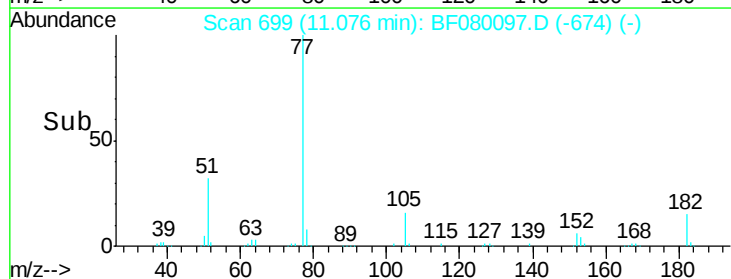
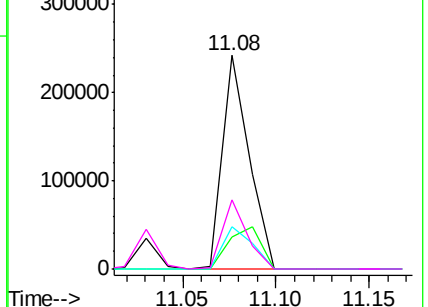


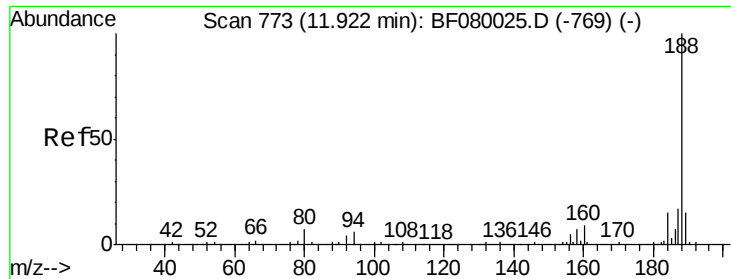
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

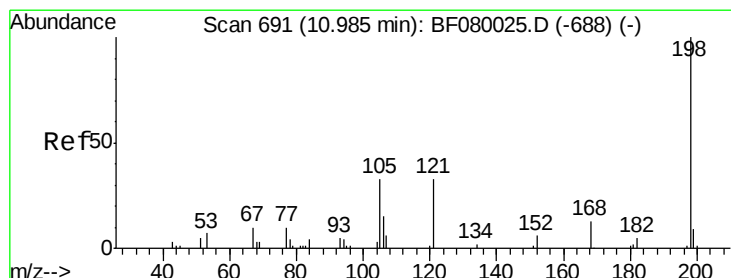
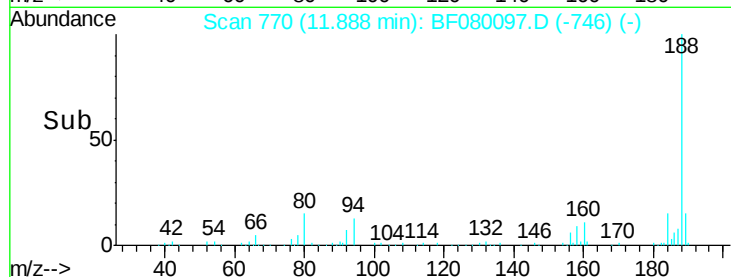
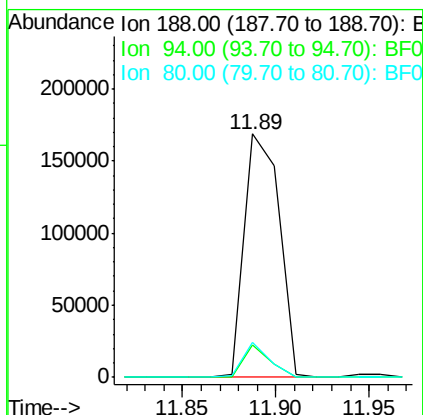
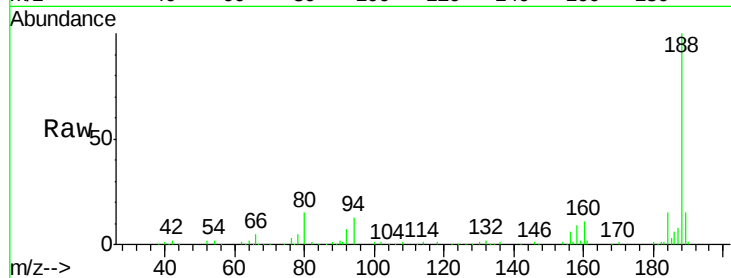




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.89 min Scan# 770
 Delta R.T. -0.02 min
 Lab File: BF080097.D
 Acq: 22 Jun 2015 16:39

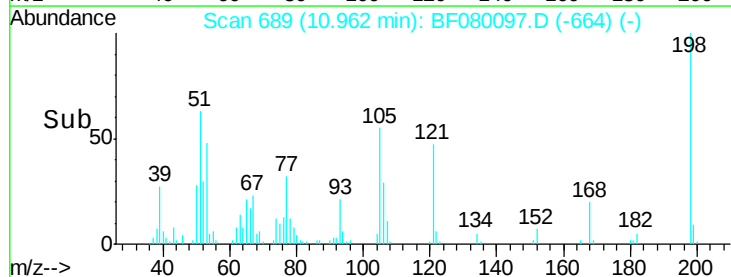
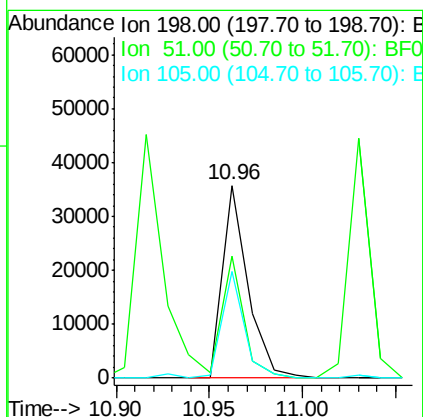
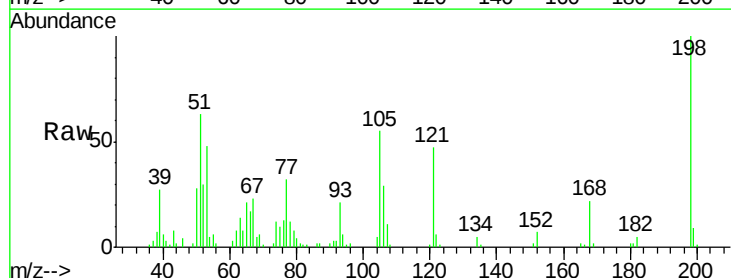
Instrument :
 BNA_F
 ClientSampleId :
 PB84131BS

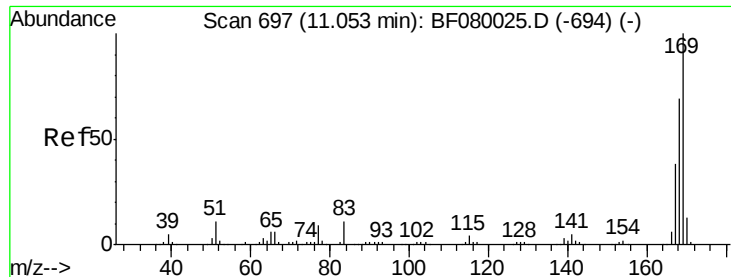
Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.4	11.1	16.7
80	14.6	11.0	16.4



#64
 4,6-Dinitro-2-methylphenol
 Concen: 34.70 ng
 RT: 10.96 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: BF080097.D
 Acq: 22 Jun 2015 16:39

Tgt Ion	Ratio	Lower	Upper
198	100		
51	63.4	39.6	79.6
105	54.9	28.5	68.5

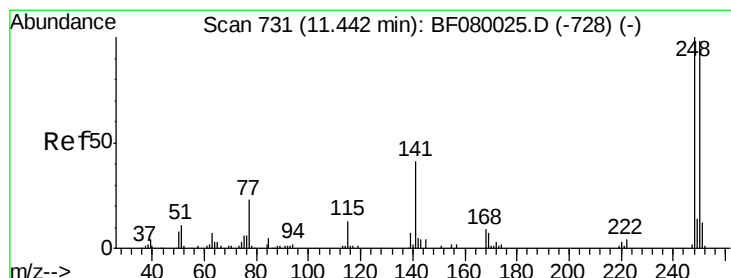
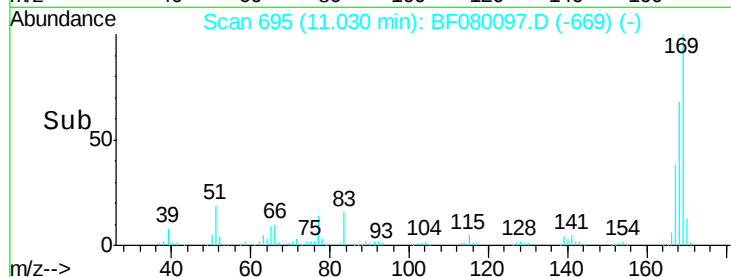
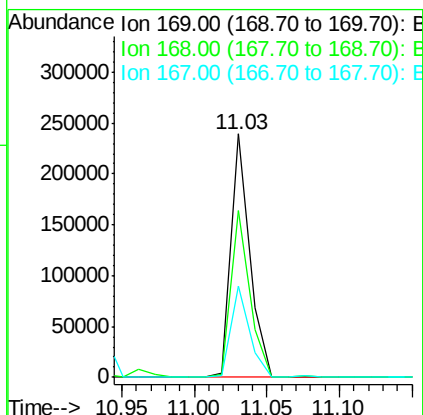
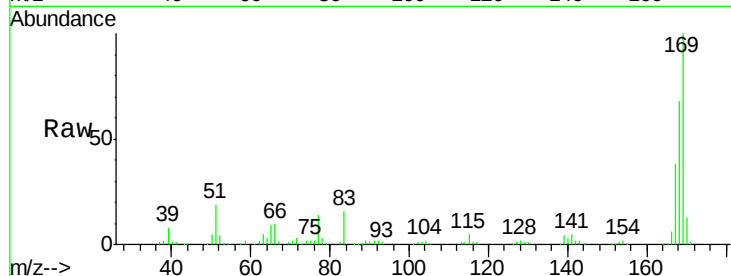




#65
 n-Nitrosodiphenylamine
 Concen: 29.93 ng
 RT: 11.03 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF080097.D
 Acq: 22 Jun 2015 16:39

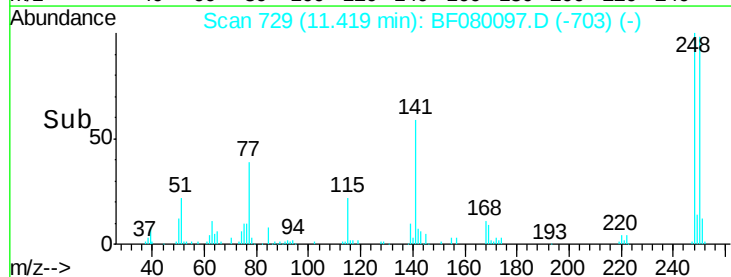
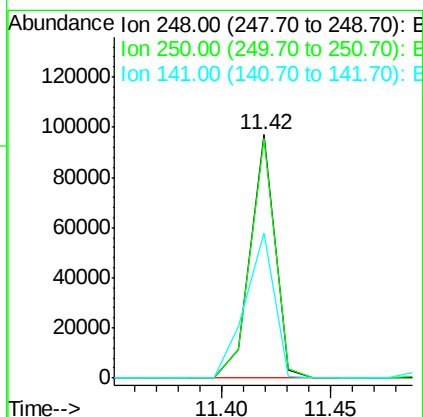
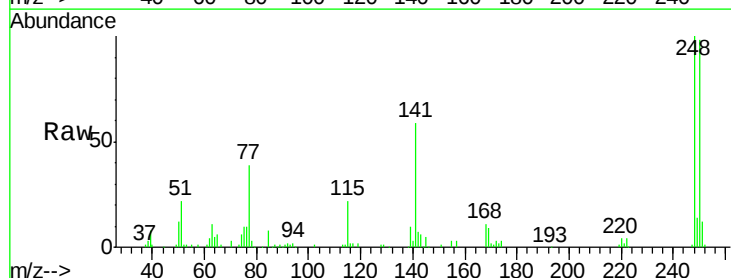
Instrument :
 BNA_F
 ClientSampleId :
 PB84131BS

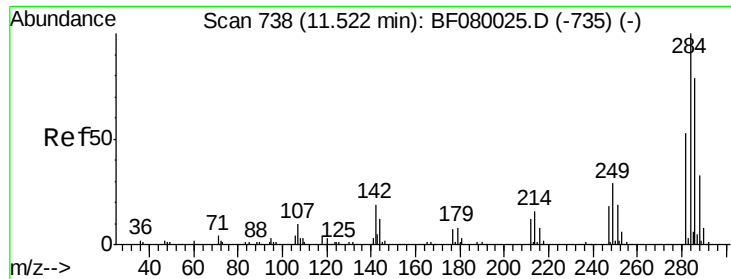
Tgt Ion:169 Resp: 214222
 Ion Ratio Lower Upper
 169 100
 168 68.3 48.9 73.3
 167 37.6 26.2 39.4



#66
 4-Bromophenyl-phenylether
 Concen: 32.84 ng
 RT: 11.42 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: BF080097.D
 Acq: 22 Jun 2015 16:39

Tgt Ion:248 Resp: 76750
 Ion Ratio Lower Upper
 248 100
 250 98.3 78.5 117.7
 141 59.4 59.0 88.6

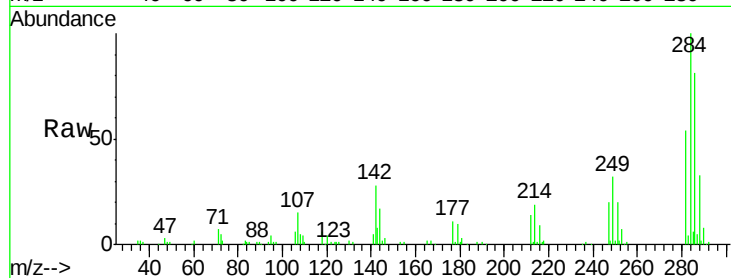




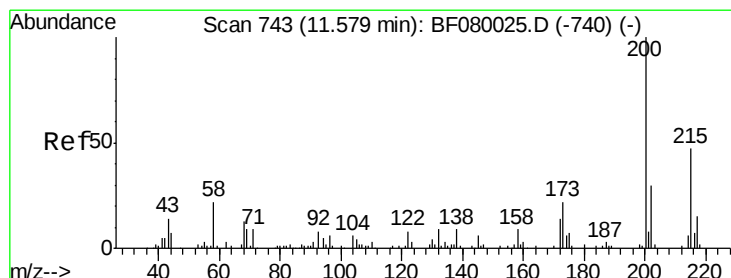
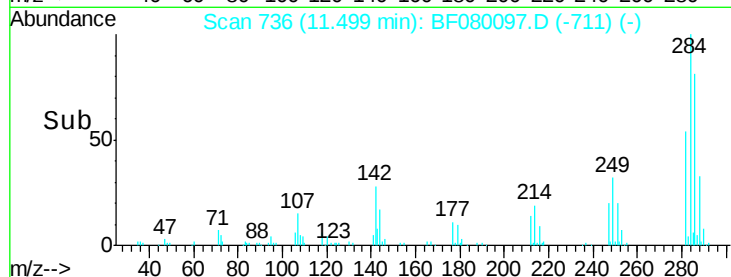
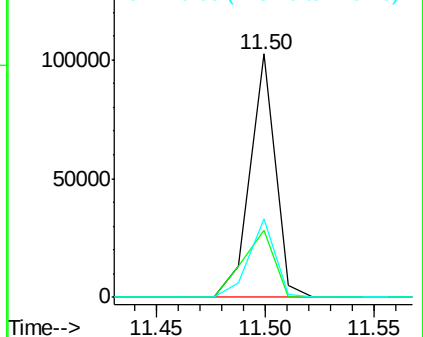
#67
Hexachlorobenzene
Concen: 31.87 ng
RT: 11.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF080097.D
Acq: 22 Jun 2015 16:39

Instrument :
BNA_F
ClientSampleId :
PB84131BS

Tgt Ion:284 Resp: 82798
Ion Ratio Lower Upper
284 100
142 27.6 29.5 44.3#
249 32.3 19.5 29.3#

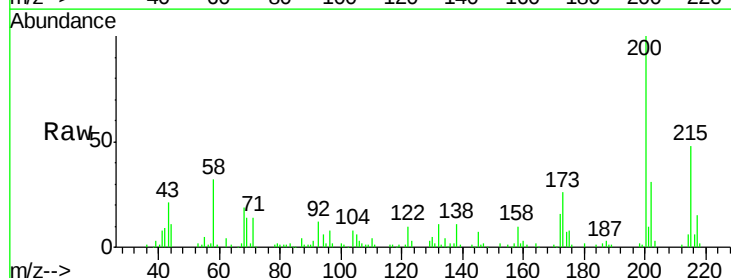


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

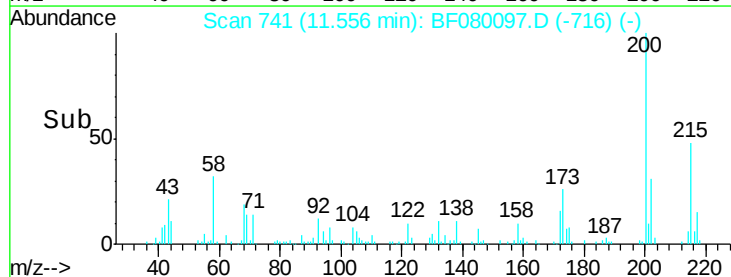
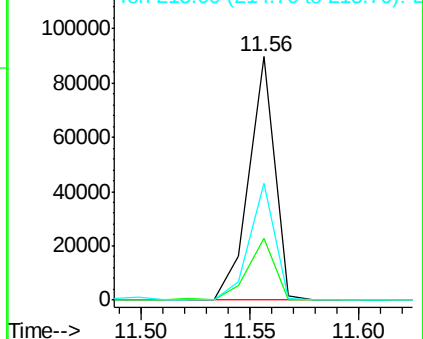


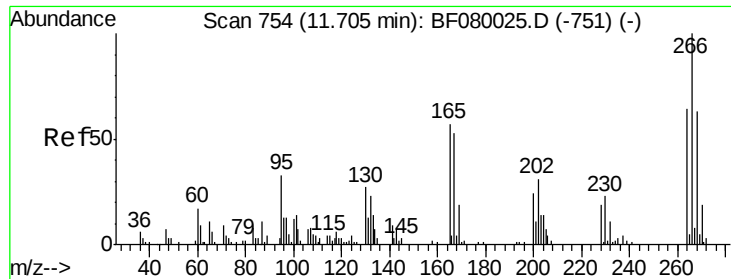
#68
Atrazine
Concen: 32.52 ng
RT: 11.56 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF080097.D
Acq: 22 Jun 2015 16:39

Tgt Ion:200 Resp: 73532
Ion Ratio Lower Upper
200 100
173 25.6 13.2 53.2
215 48.1 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

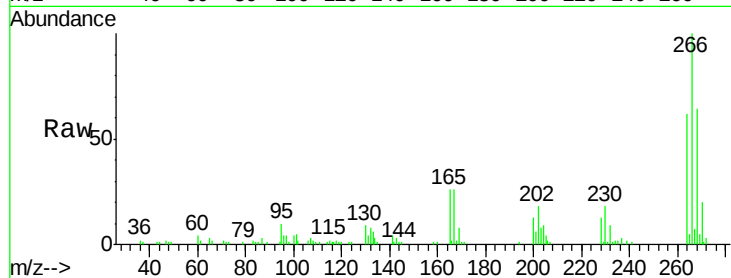




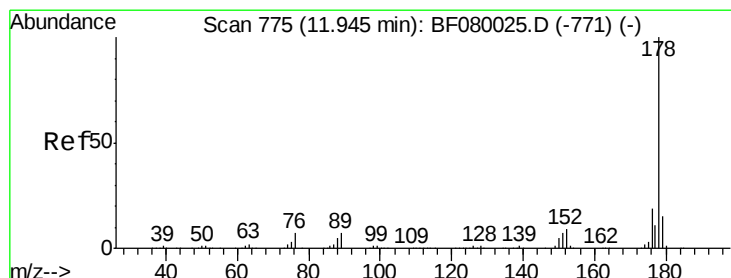
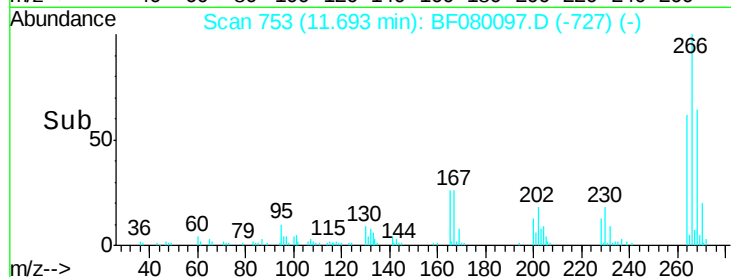
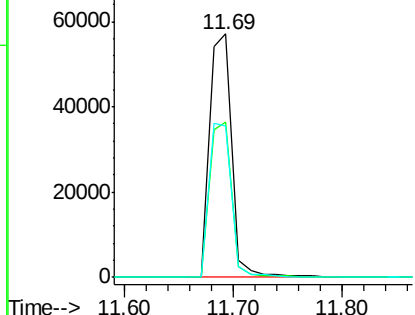
#69
 Pentachlorophenol
 Concen: 55.47 ng
 RT: 11.69 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF080097.D
 Acq: 22 Jun 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84131BS

Tgt Ion:266 Resp: 81648
 Ion Ratio Lower Upper
 266 100
 268 63.7 49.8 74.6
 264 62.2 50.2 75.2

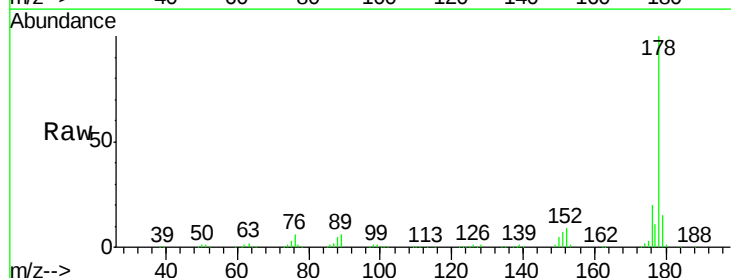


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

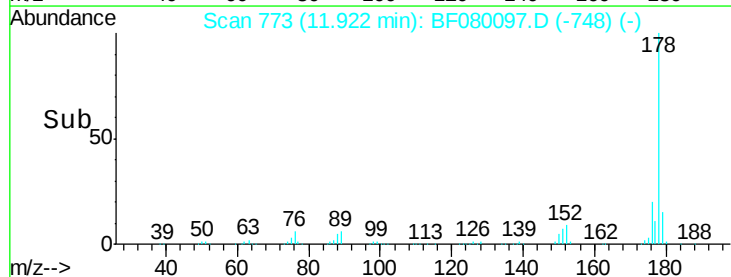
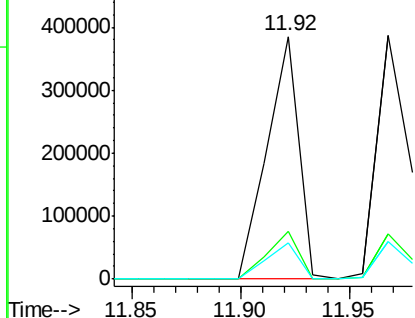


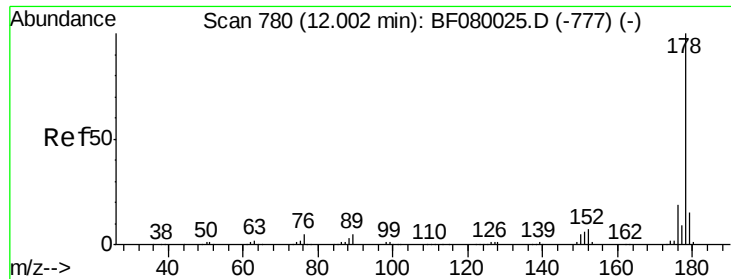
#70
 Phenanthrene
 Concen: 29.71 ng
 RT: 11.92 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF080097.D
 Acq: 22 Jun 2015 16:39

Tgt Ion:178 Resp: 395423
 Ion Ratio Lower Upper
 178 100
 176 19.5 13.8 20.8
 179 15.1 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

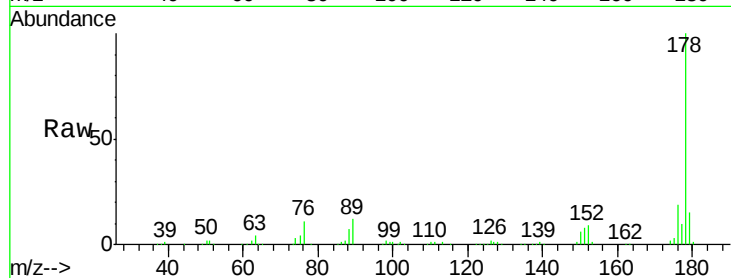




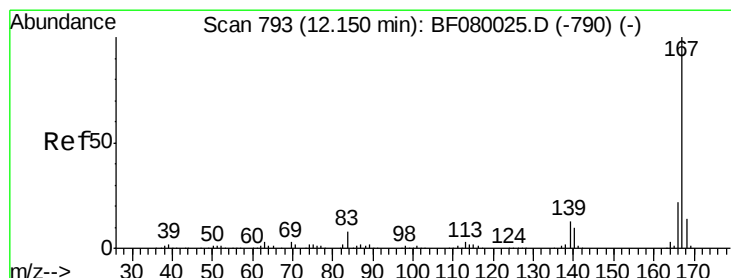
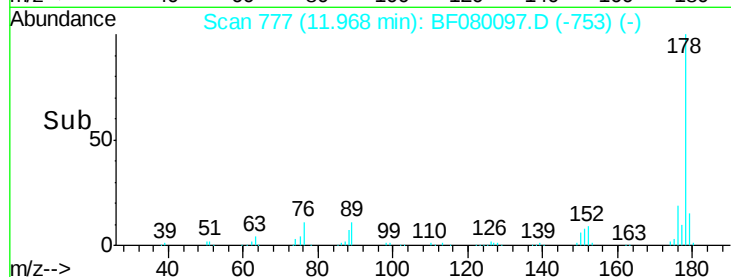
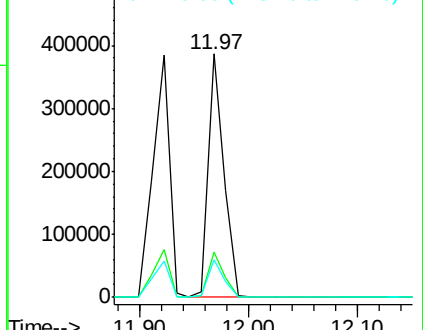
#71
 Anthracene
 Concen: 30.59 ng
 RT: 11.97 min Scan# 777
 Delta R.T. -0.02 min
 Lab File: BF080097.D
 Acq: 22 Jun 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84131BS

Tgt Ion:178 Resp: 392011
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.1 21.1
 179 15.5 12.2 18.2

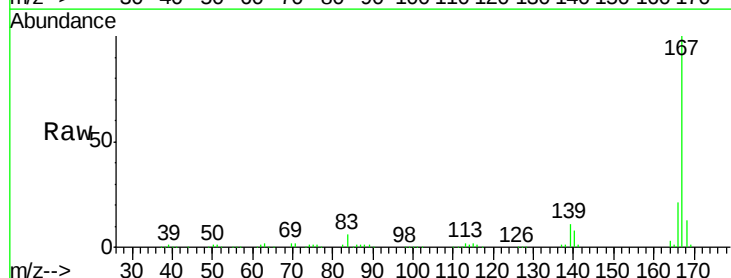


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

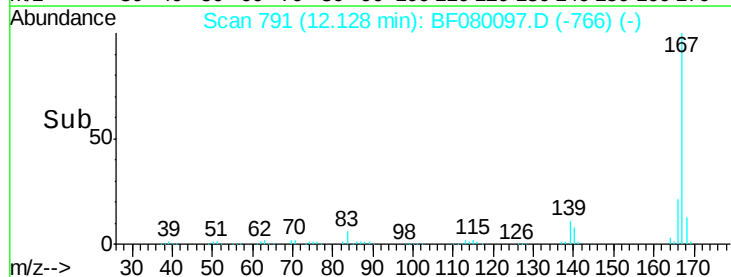
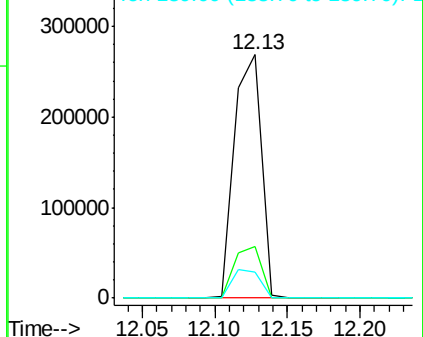


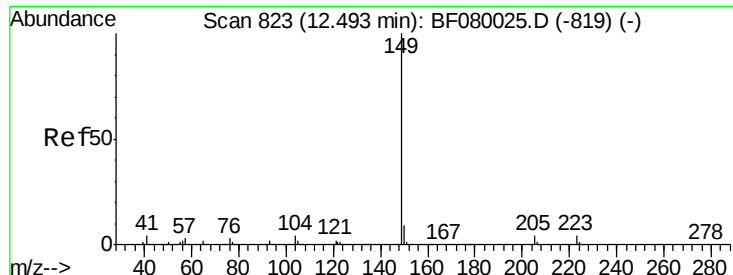
#72
 Carbazole
 Concen: 28.47 ng
 RT: 12.13 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF080097.D
 Acq: 22 Jun 2015 16:39

Tgt Ion:167 Resp: 348313
 Ion Ratio Lower Upper
 167 100
 166 21.5 15.7 23.5
 139 10.6 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: 29.06 ng

RT: 12.46 min Scan# 820

Delta R.T. -0.02 min

Lab File: BF080097.D

Acq: 22 Jun 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB84131BS

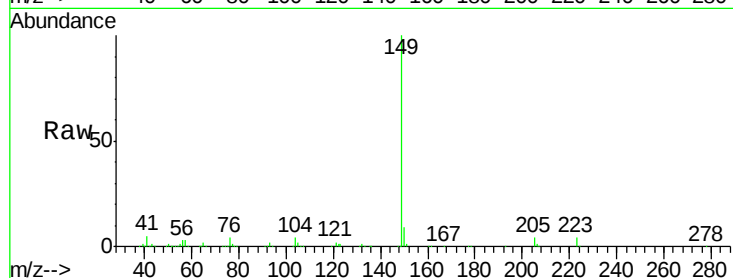
Tgt Ion:149 Resp: 410794

Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.2

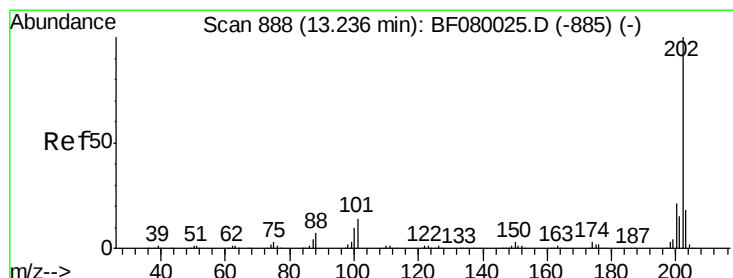
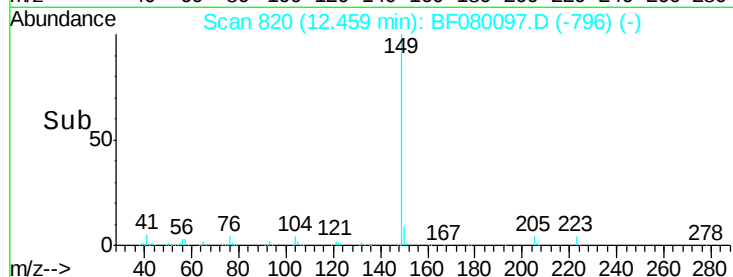
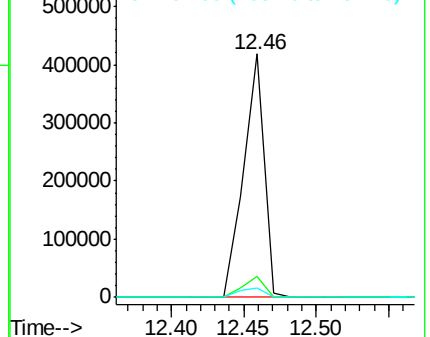
104 3.8 2.4 3.6#



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: 29.97 ng

RT: 13.19 min Scan# 884

Delta R.T. -0.06 min

Lab File: BF080097.D

Acq: 22 Jun 2015 16:39

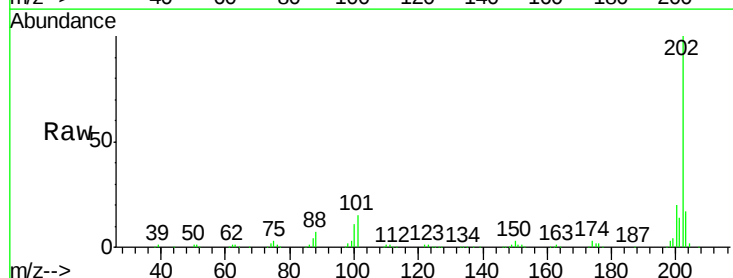
Tgt Ion:202 Resp: 424712

Ion Ratio Lower Upper

202 100

101 14.6 0.0 38.3

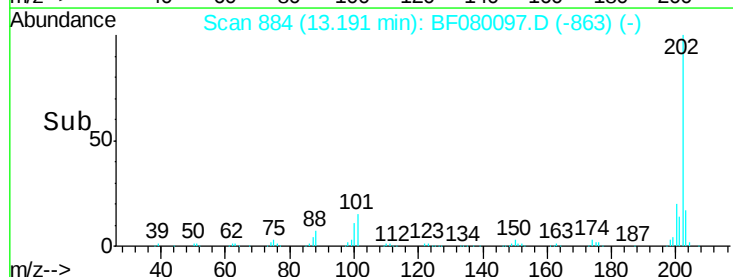
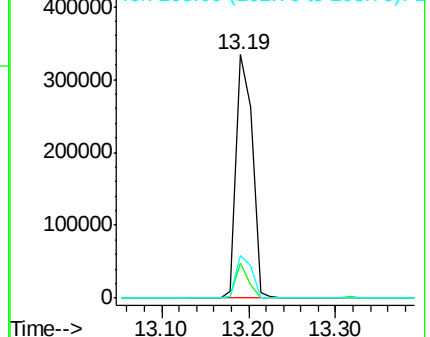
203 17.5 0.0 37.3

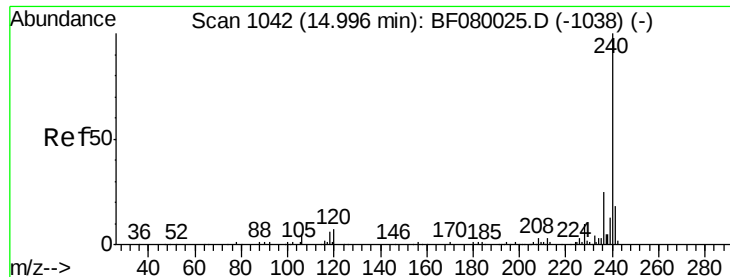


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.92 min Scan# 1035

Delta R.T. -0.08 min

Lab File: BF080097.D

Acq: 22 Jun 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB84131BS

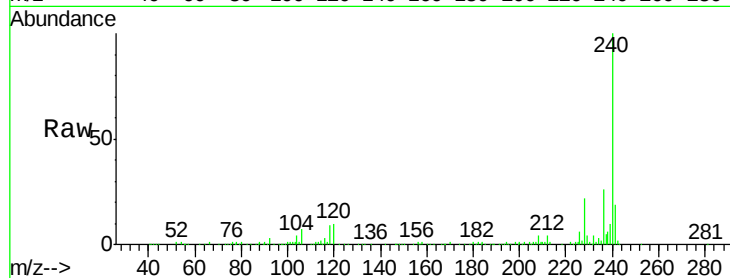
Tgt Ion:240 Resp: 249678

Ion Ratio Lower Upper

240 100

120 9.6 16.2 24.2#

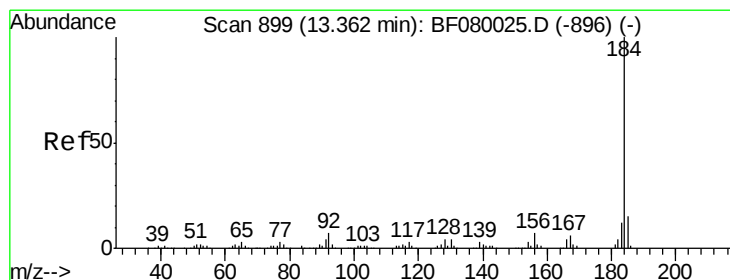
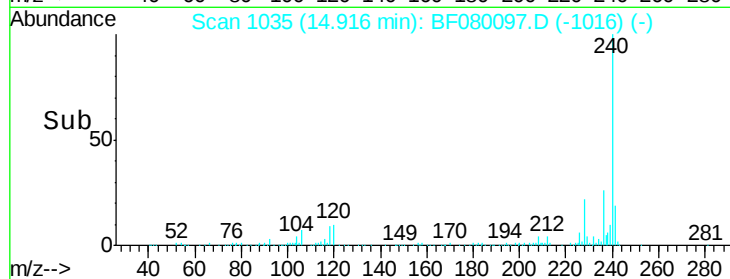
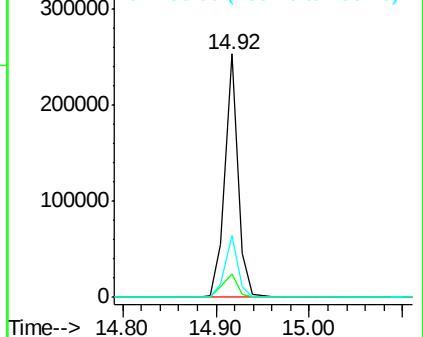
236 25.6 18.4 27.6



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: 44.90 ng

RT: 13.32 min Scan# 895

Delta R.T. -0.05 min

Lab File: BF080097.D

Acq: 22 Jun 2015 16:39

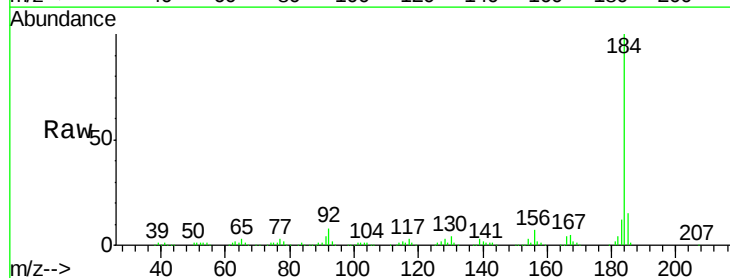
Tgt Ion:184 Resp: 313345

Ion Ratio Lower Upper

184 100

185 14.9 11.8 17.6

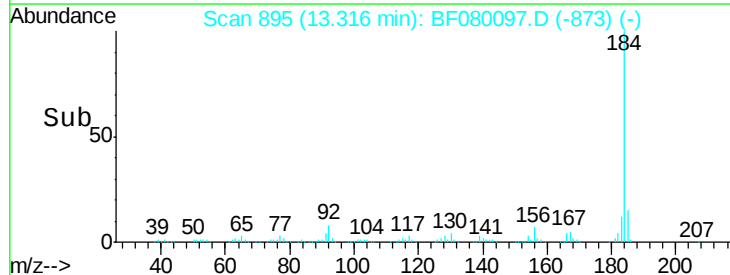
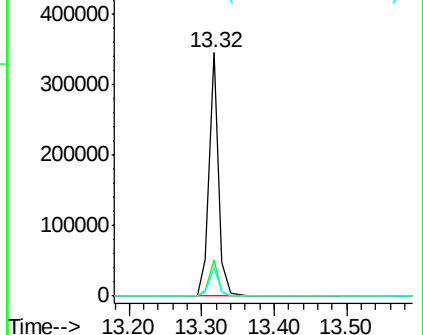
183 11.7 7.6 11.4#

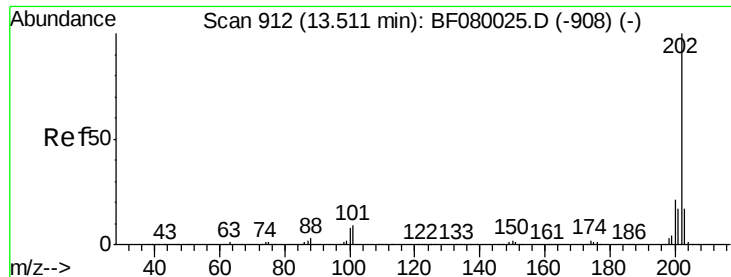


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

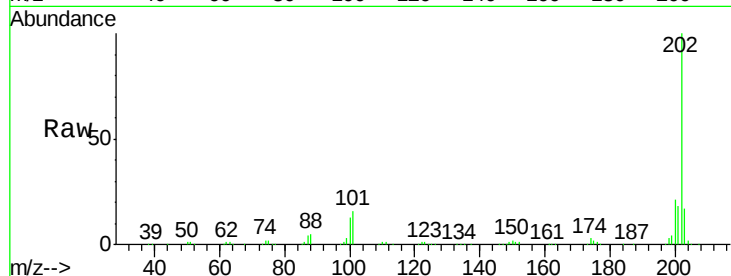




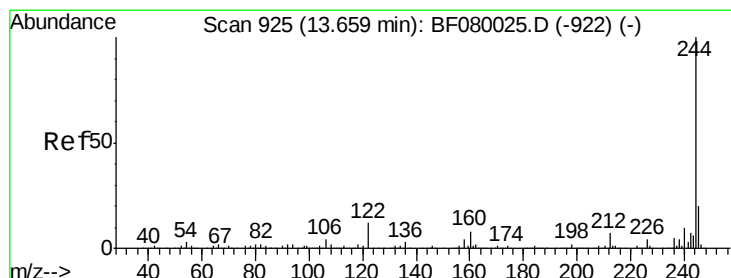
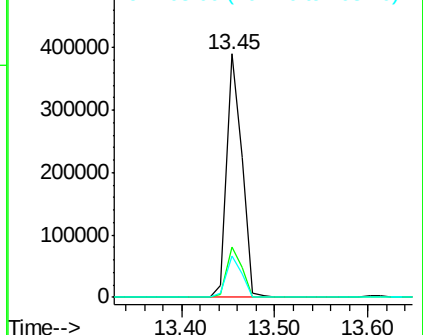
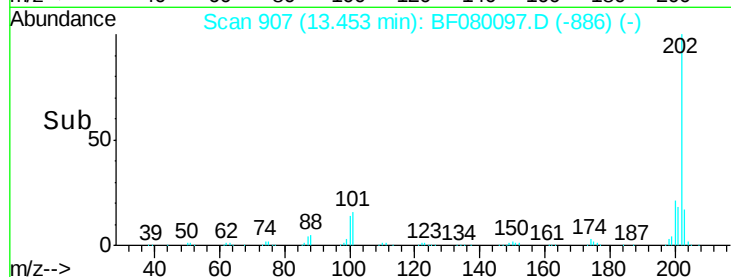
#77
 Pyrene
 Concen: 28.85 ng
 RT: 13.45 min Scan# 907
 Delta R.T. -0.06 min
 Lab File: BF080097.D
 Acq: 22 Jun 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84131BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	15.0	22.4
203	17.3	14.1	21.1

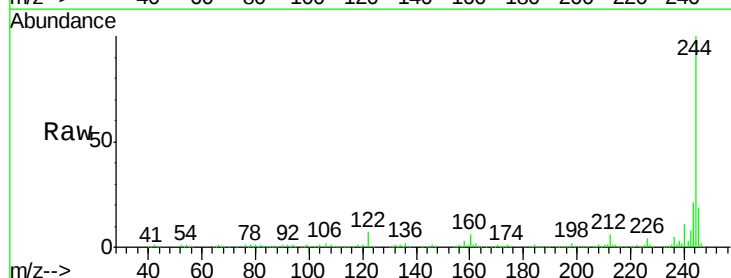


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

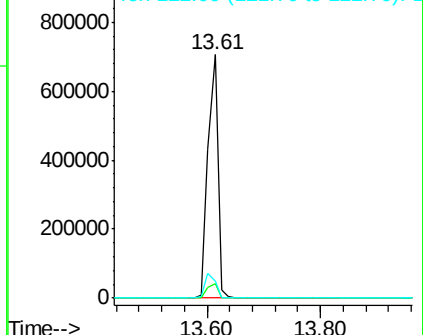
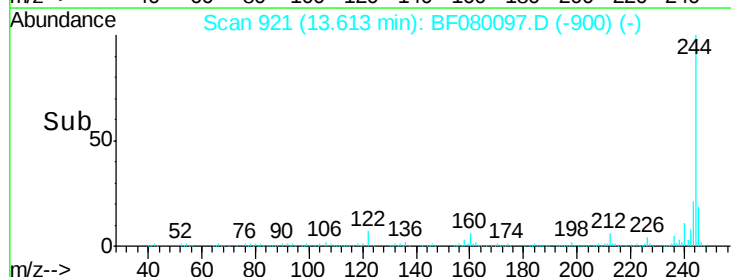


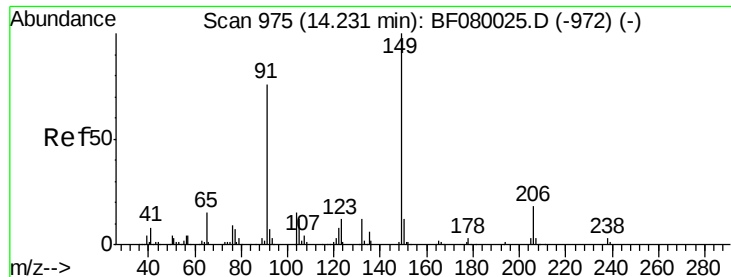
#78
 Terphenyl-d14
 Concen: 75.98 ng
 RT: 13.61 min Scan# 921
 Delta R.T. -0.06 min
 Lab File: BF080097.D
 Acq: 22 Jun 2015 16:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	4.3	6.5
122	7.2	17.4	26.2#



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

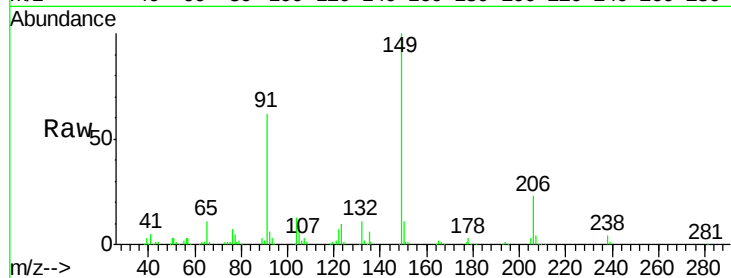




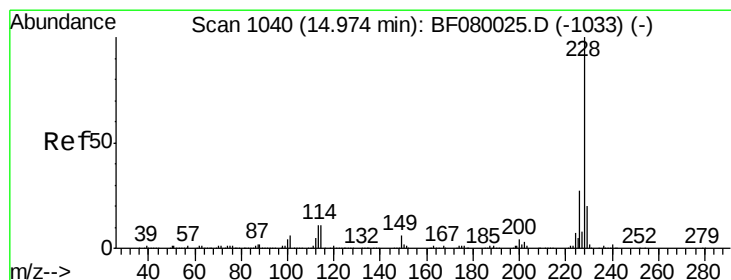
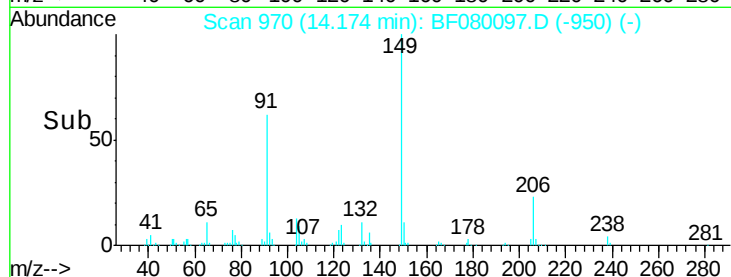
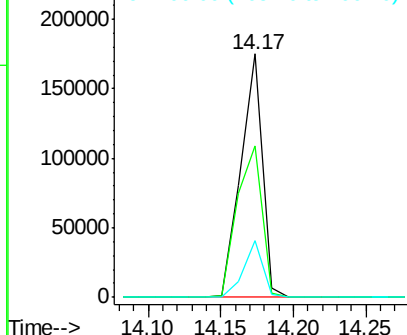
#79
Butylbenzylphthalate
Concen: 29.38 ng
RT: 14.17 min Scan# 970
Delta R.T. -0.07 min
Lab File: BF080097.D
Acq: 22 Jun 2015 16:39

Instrument :
BNA_F
ClientSampleId :
PB84131BS

Tgt Ion:149 Resp: 181381
Ion Ratio Lower Upper
149 100
91 62.3 48.6 72.8
206 23.4 14.9 22.3#

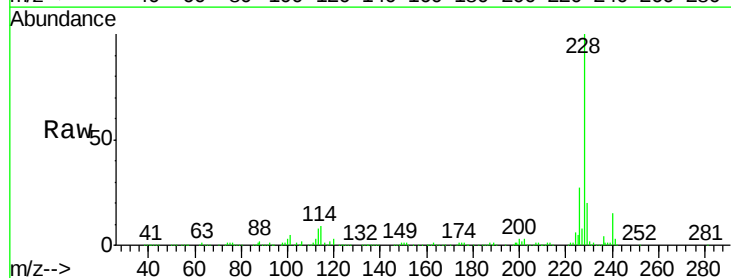


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

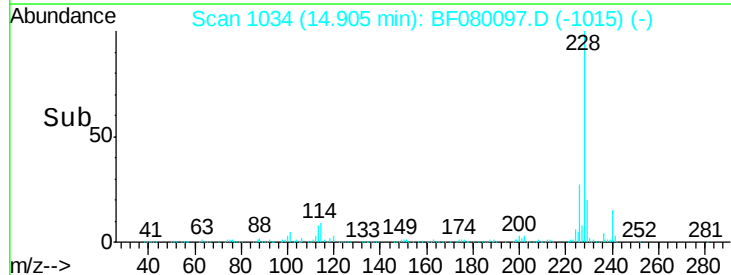
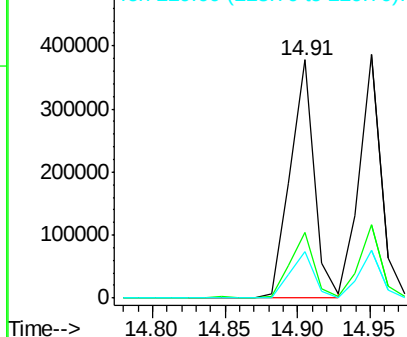


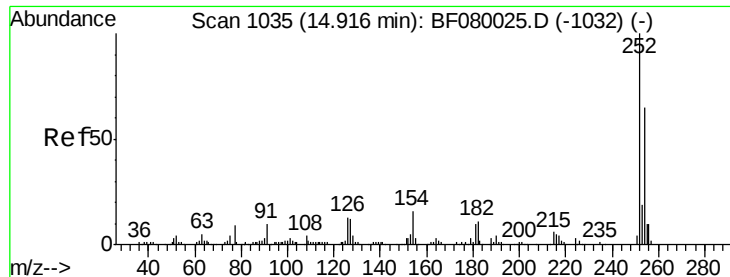
#80
Benzo(a)anthracene
Concen: 28.50 ng
RT: 14.91 min Scan# 1034
Delta R.T. -0.08 min
Lab File: BF080097.D
Acq: 22 Jun 2015 16:39

Tgt Ion:228 Resp: 433445
Ion Ratio Lower Upper
228 100
226 27.4 20.0 30.0
229 19.6 15.4 23.2



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

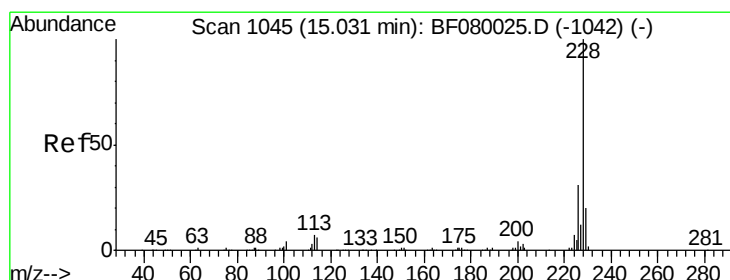
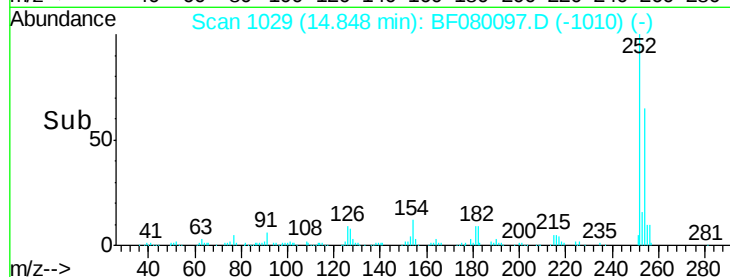
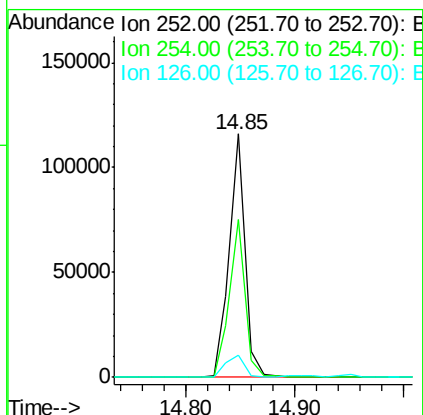
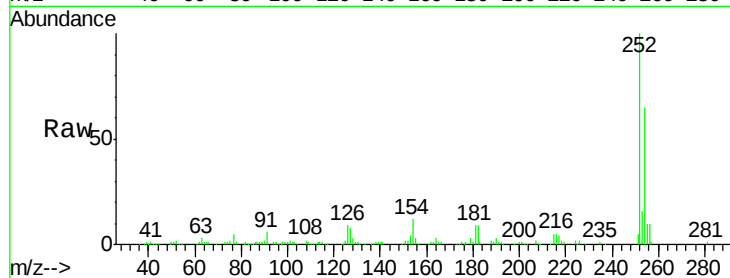




#81
 3,3'-Dichlorobenzidine
 Concen: 22.39 ng
 RT: 14.85 min Scan# 1029
 Delta R.T. -0.08 min
 Lab File: BF080097.D
 Acq: 22 Jun 2015 16:39

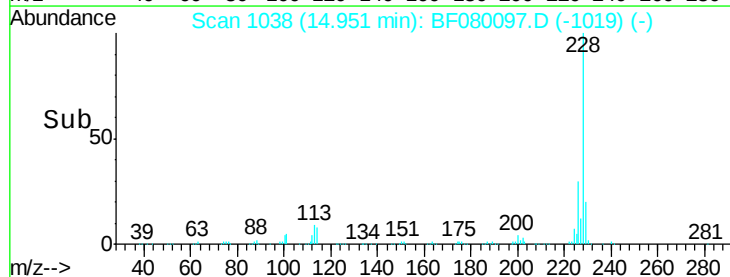
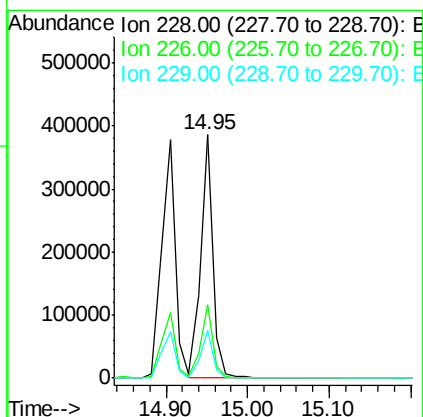
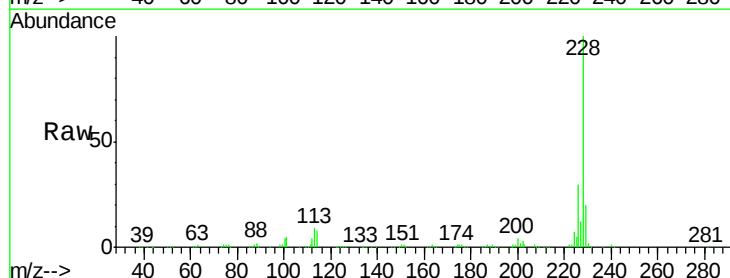
Instrument :
 BNA_F
 ClientSampleId :
 PB84131BS

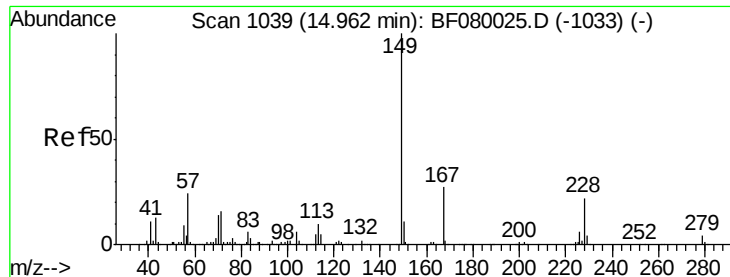
Tgt Ion:252 Resp: 117437
 Ion Ratio Lower Upper
 252 100
 254 64.8 51.4 77.2
 126 8.9 16.4 24.6#



#82
 Chrysene
 Concen: 29.15 ng
 RT: 14.95 min Scan# 1038
 Delta R.T. -0.08 min
 Lab File: BF080097.D
 Acq: 22 Jun 2015 16:39

Tgt Ion:228 Resp: 408931
 Ion Ratio Lower Upper
 228 100
 226 30.0 21.0 31.4
 229 19.5 15.6 23.4

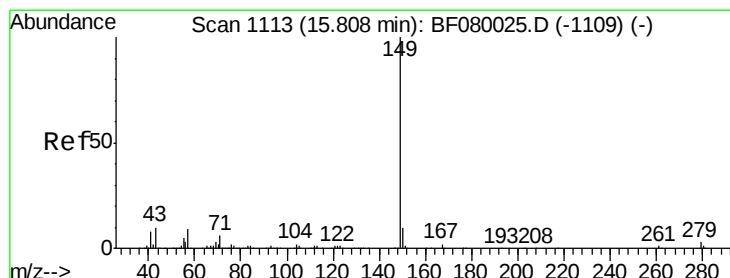
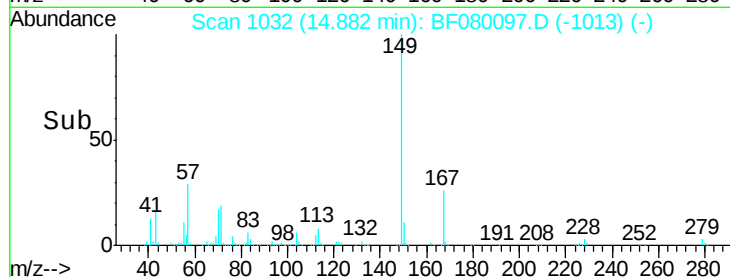
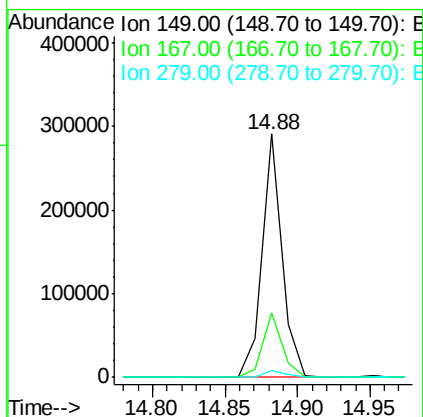
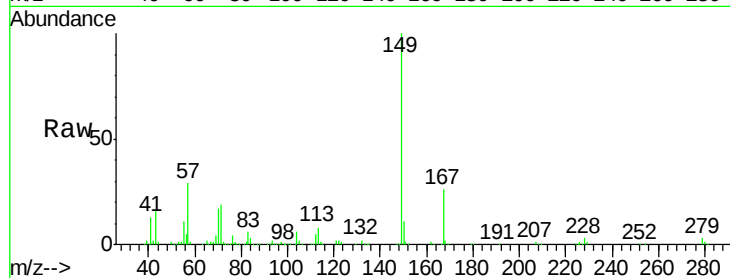




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 28.43 ng
 RT: 14.88 min Scan# 1032
 Delta R.T. -0.08 min
 Lab File: BF080097.D
 Acq: 22 Jun 2015 16:39

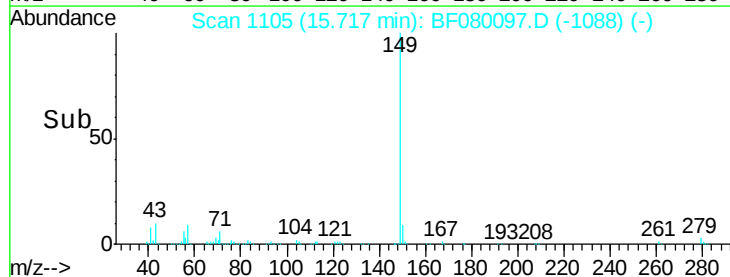
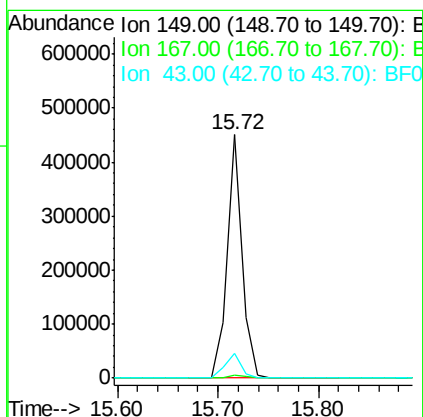
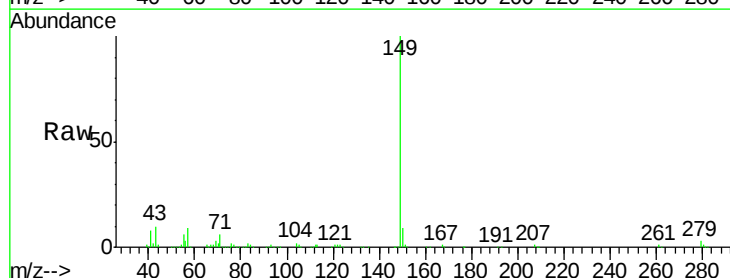
Instrument :
 BNA_F
 ClientSampleId :
 PB84131BS

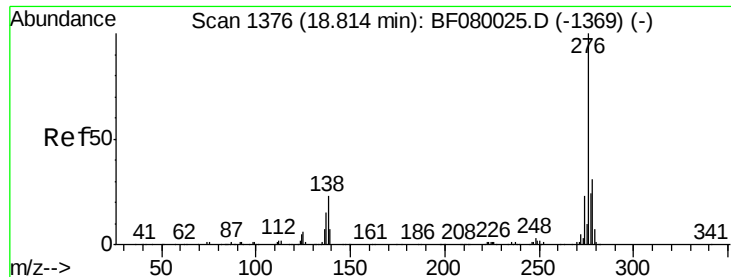
Tgt Ion:149 Resp: 277344
 Ion Ratio Lower Upper
 149 100
 167 26.2 24.2 36.2
 279 3.0 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 27.79 ng
 RT: 15.72 min Scan# 1105
 Delta R.T. -0.10 min
 Lab File: BF080097.D
 Acq: 22 Jun 2015 16:39

Tgt Ion:149 Resp: 464617
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.0 1.6
 43 10.8 10.2 15.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 25.48 ng

RT: 18.68 min Scan# 1364

Delta R.T. -0.11 min

Lab File: BF080097.D

Acq: 22 Jun 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB84131BS

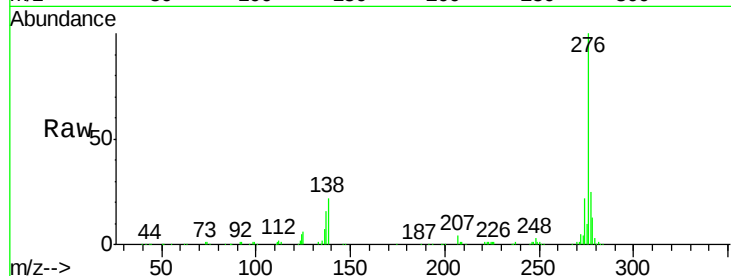
Tgt Ion:276 Resp: 450589

Ion Ratio Lower Upper

276 100

138 25.6 25.7 38.5#

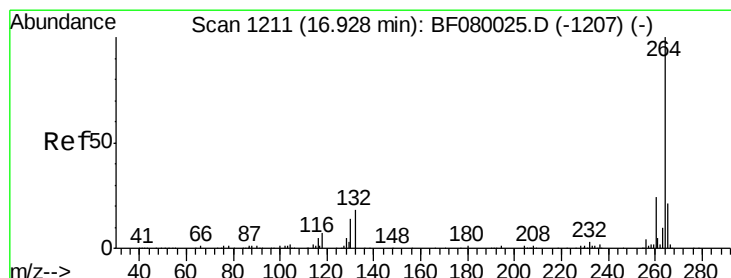
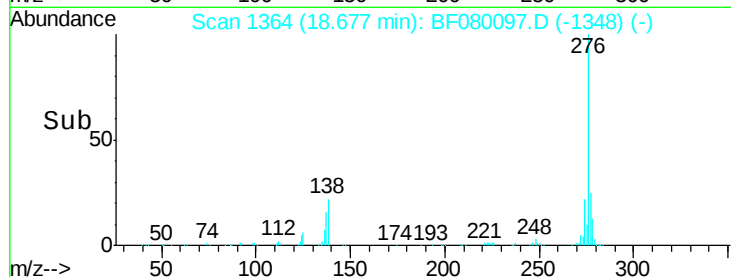
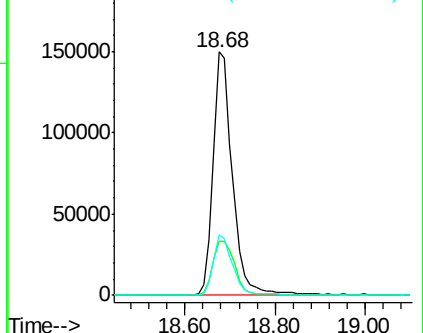
277 24.6 15.6 23.4#



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: 16.83 min Scan# 1202

Delta R.T. -0.10 min

Lab File: BF080097.D

Acq: 22 Jun 2015 16:39

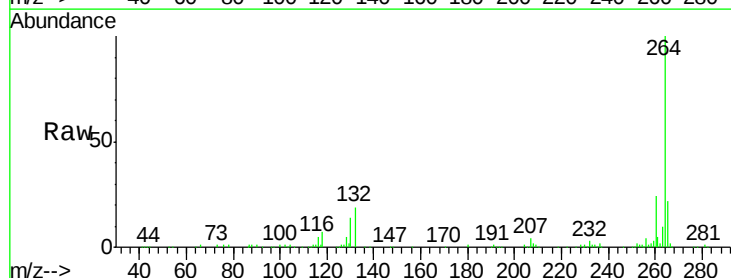
Tgt Ion:264 Resp: 237405

Ion Ratio Lower Upper

264 100

260 23.8 16.7 25.1

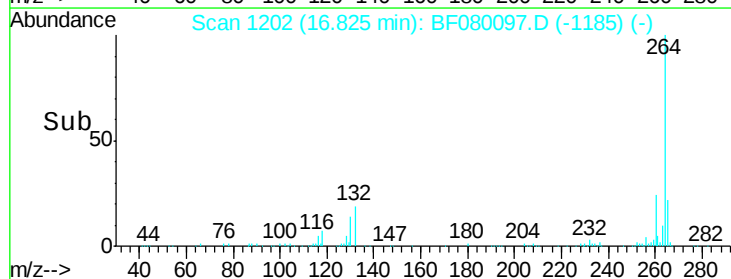
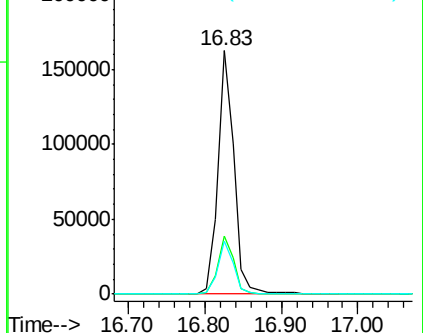
265 21.8 17.2 25.8

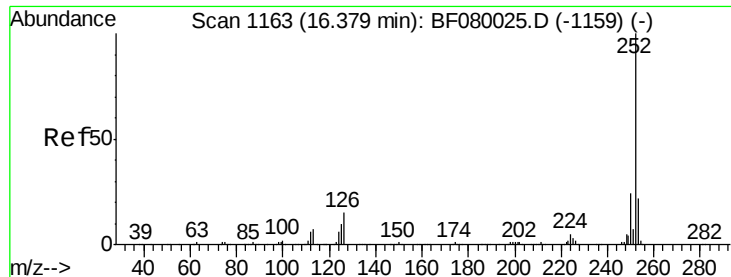


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 28.05 ng

RT: 16.29 min Scan# 1155

Delta R.T. -0.10 min

Lab File: BF080097.D

Acq: 22 Jun 2015 16:39

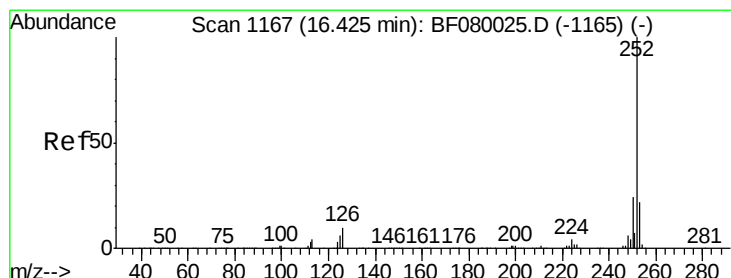
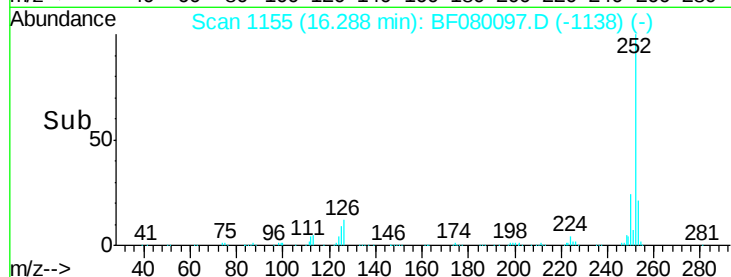
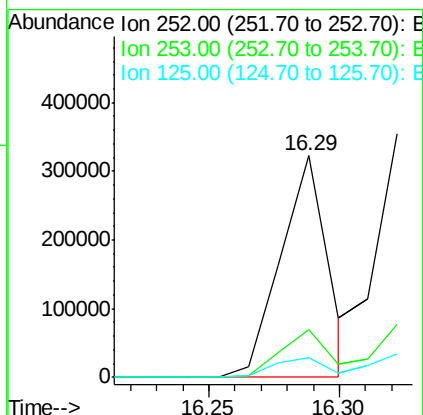
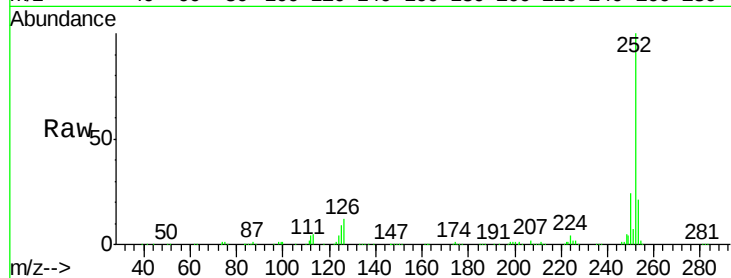
Instrument :

BNA_F

ClientSampleId :

PB84131BS

Tgt Ion:	252	Resp:	403207
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.5	26.3
125	8.6	17.1	25.7#



#88

Benzo(k)fluoranthene

Concen: 29.96 ng

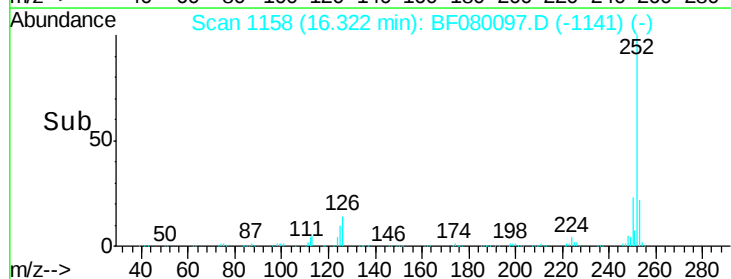
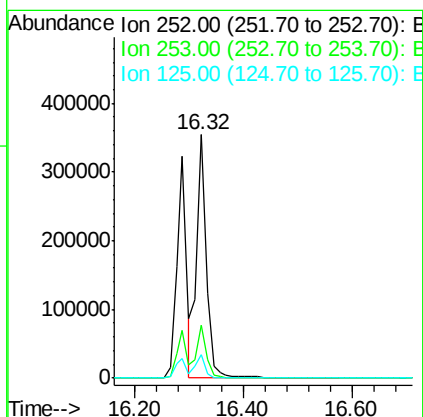
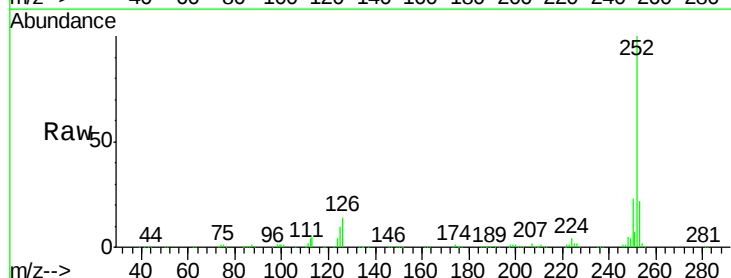
RT: 16.32 min Scan# 1158

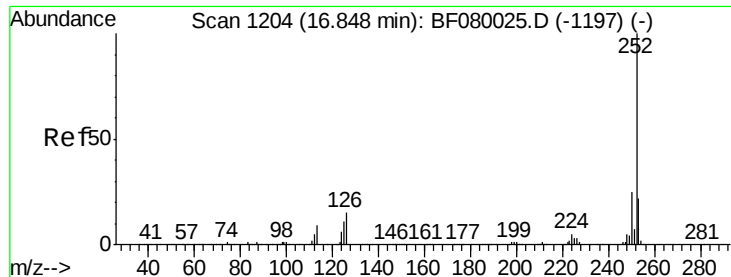
Delta R.T. -0.10 min

Lab File: BF080097.D

Acq: 22 Jun 2015 16:39

Tgt Ion:	252	Resp:	438484
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.0	25.4
125	9.7	16.0	24.0#

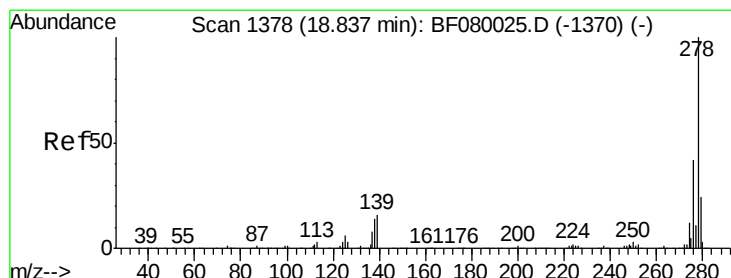
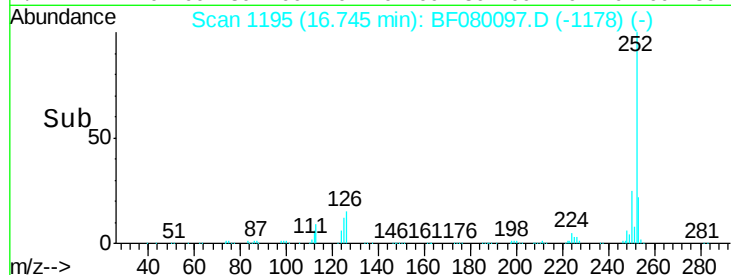
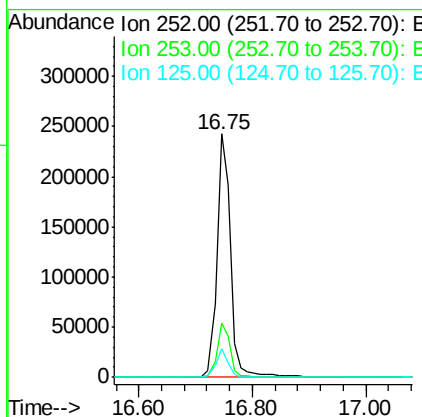
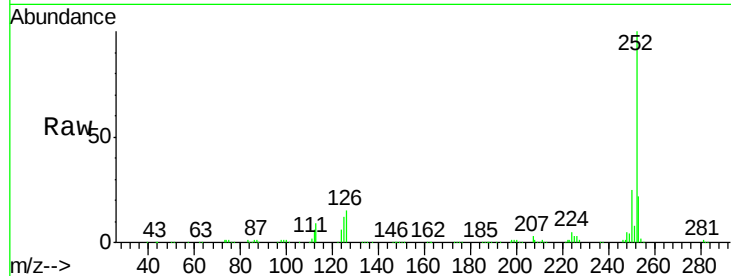




#89
Benzo(a)pyrene
Concen: 29.06 ng
RT: 16.75 min Scan# 1195
Delta R.T. -0.10 min
Lab File: BF080097.D
Acq: 22 Jun 2015 16:39

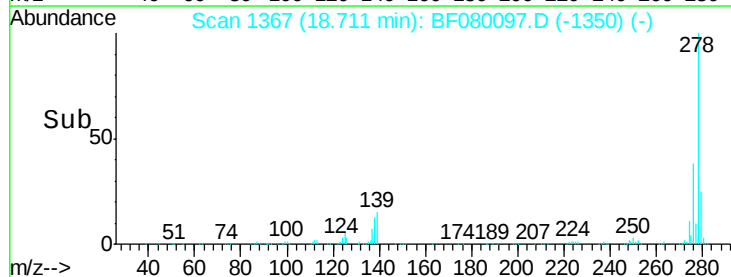
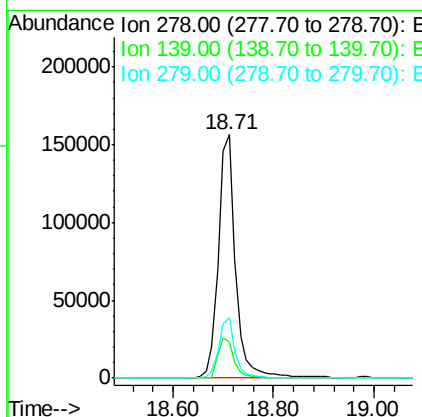
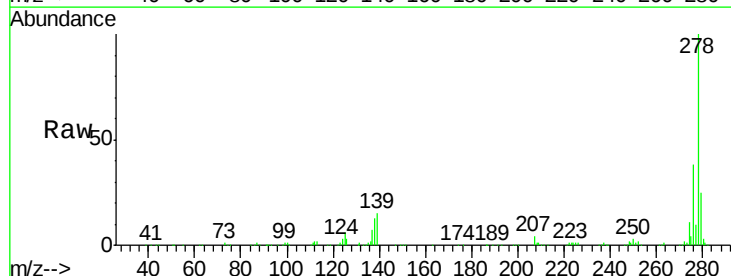
Instrument :
BNA_F
ClientSampleId :
PB84131BS

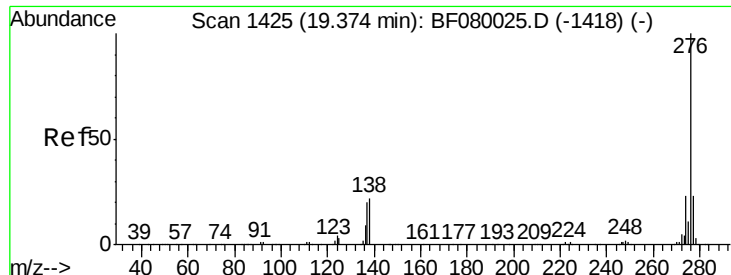
Tgt Ion: 252 Resp: 396651
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 11.7 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 26.84 ng
RT: 18.71 min Scan# 1367
Delta R.T. -0.10 min
Lab File: BF080097.D
Acq: 22 Jun 2015 16:39

Tgt Ion: 278 Resp: 374996
Ion Ratio Lower Upper
278 100
139 14.9 26.3 39.5#
279 24.8 18.2 27.4





#91
 Benzo(g,h,i)perylene
 Concen: 27.17 ng
 RT: 19.24 min Scan# 1413
 Delta R.T. -0.11 min
 Lab File: BF080097.D
 Acq: 22 Jun 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84131BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.8	26.6
138	22.2	34.6	51.8

