

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062215\
 Data File : BF080103.D
 Acq On : 22 Jun 2015 19:34
 Operator : TP/IZ
 Sample : PB84129BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84129BS

Quant Time: Jun 23 01:04:30 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	50367	20.00	ng	0.00
21) Naphthalene-d8	8.61	136	203021	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	106217	20.00	ng	0.00
63) Phenanthrene-d10	11.89	188	223354	20.00	ng	-0.02
75) Chrysene-d12	14.87	240	241687	20.00	ng	-0.13
86) Perylene-d12	16.76	264	233509	20.00	ng	-0.17

System Monitoring Compounds

5) 2-Fluorophenol	5.93	112	274685	96.54	ng	0.00
7) Phenol-d6	6.93	99	347602	91.81	ng	0.00
23) Nitrobenzene-d5	7.88	82	217514	62.37	ng	0.00
41) 2,4,6-Tribromophenol	11.18	330	94995	91.46	ng	0.00
44) 2-Fluorobiphenyl	9.69	172	423601	56.87	ng	0.00
78) Terphenyl-d14	13.58	244	526992	50.92	ng	-0.09

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.21	88	31383	23.21	ng	92
3) Pyridine	4.02	79	102721	28.56	ng	# 79
4) n-Nitrosodimethylamine	3.93	42	42351	24.78	ng	97
6) Aniline	6.97	93	94805	18.20	ng	90
8) 2-Chlorophenol	7.10	128	97013	29.50	ng	83
9) Benzaldehyde	6.87	77	48517	22.20	ng	91
10) Phenol	6.94	94	118468	28.67	ng	84
11) bis(2-Chloroethyl)ether	7.04	93	90903	27.73	ng	86
12) 1,3-Dichlorobenzene	7.27	146	103942	26.31	ng	96
13) 1,4-Dichlorobenzene	7.27	146	103942	27.67	ng	97
14) 1,2-Dichlorobenzene	7.50	146	107731	29.47	ng	99
15) Benzyl Alcohol	7.44	79	84806	27.39	ng	# 73
16) 2,2'-oxybis(1-Chloropropan	7.59	45	157307	32.33	ng	85
17) 2-Methylphenol	7.56	107	76258	27.15	ng	# 90
18) Hexachloroethane	7.84	117	35961	28.75	ng	91
19) n-Nitroso-di-n-propylamine	7.72	70	72067	27.41	ng	# 76
20) 3+4-Methylphenols	7.70	107	108117	29.82	ng	93
22) Acetophenone	7.72	105	134156	28.36	ng	# 80
24) Nitrobenzene	7.90	77	104165	28.94	ng	# 74
25) Isophorone	8.13	82	176942	25.21	ng	# 82
26) 2-Nitrophenol	8.22	139	49056	32.56	ng	# 69
27) 2,4-Dimethylphenol	8.24	122	96593	30.75	ng	# 85
28) bis(2-Chloroethoxy)methane	8.33	93	114396	27.74	ng	# 90
29) 2,4-Dichlorophenol	8.46	162	88748	32.99	ng	97
30) 1,2,4-Trichlorobenzene	8.55	180	96328	31.53	ng	97
31) Naphthalene	8.63	128	280950	26.47	ng	98
32) Benzoic acid	8.30	122	33628	17.70	ng	# 70
33) 4-Chloroaniline	8.66	127	60893	13.40	ng	# 81
34) Hexachlorobutadiene	8.76	225	56038	29.79	ng	99
35) Caprolactam	9.01	113	24170	27.68	ng	100
36) 4-Chloro-3-methylphenol	9.14	107	82311	27.12	ng	95
37) 2-Methylnaphthalene	9.33	142	199434	29.05	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	9.50	216	97167	31.44	ng	99
40) Hexachlorocyclopentadiene	9.49	237	88381	57.47	ng	95

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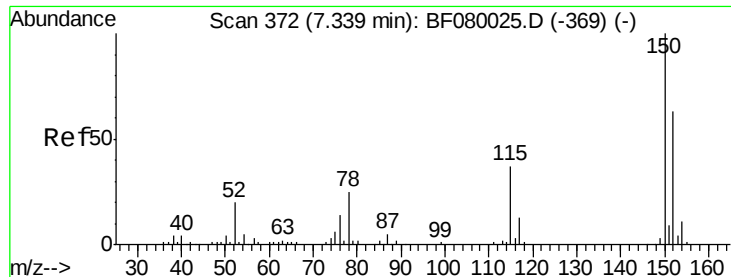
Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Jun 23 01:04:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.60	196	64198	30.53	ng	100
43) 2,4,5-Trichlorophenol	9.64	196	60931	25.15	ng	# 87
45) 1,1'-Biphenyl	9.80	154	249591	28.88	ng	95
46) 2-Chloronaphthalene	9.82	162	183398	26.16	ng	# 92
47) 2-Nitroaniline	9.91	65	49224	25.57	ng	95
48) Acenaphthylene	10.24	152	307622	26.28	ng	98
49) Dimethylphthalate	10.08	163	215233	26.95	ng	# 97
50) 2,6-Dinitrotoluene	10.14	165	42677	26.66	ng	# 38
51) Acenaphthene	10.41	154	195539	27.31	ng	92
52) 3-Nitroaniline	10.31	138	34053	18.44	ng	# 48
53) 2,4-Dinitrophenol	10.42	184	38597	60.75	ng	# 1
54) Dibenzofuran	10.58	168	266282	26.21	ng	# 85
55) 4-Nitrophenol	10.46	139	84794	57.43	ng	# 58
56) 2,4-Dinitrotoluene	10.55	165	62002	30.52	ng	# 77
57) Fluorene	10.94	166	233668	28.99	ng	93
58) 2,3,4,6-Tetrachlorophenol	10.71	232	53286	26.05	ng	97
59) Diethylphthalate	10.78	149	206191	25.64	ng	96
60) 4-Chlorophenyl-phenylether	10.92	204	101222	26.13	ng	# 78
61) 4-Nitroaniline	10.93	138	49442	25.92	ng	# 44
62) Azobenzene	11.08	77	209569	25.60	ng	# 84
64) 4,6-Dinitro-2-methylphenol	10.96	198	27857	29.48	ng	93
65) n-Nitrosodiphenylamine	11.03	169	191102	26.28	ng	91
66) 4-Bromophenyl-phenylether	11.42	248	68010	28.64	ng	# 90
67) Hexachlorobenzene	11.50	284	71069	26.93	ng	# 82
68) Atrazine	11.56	200	59236	25.78	ng	84
69) Pentachlorophenol	11.68	266	73968	49.45	ng	100
70) Phenanthrene	11.91	178	332133	24.56	ng	96
71) Anthracene	11.97	178	361524	27.77	ng	98
72) Carbazole	12.12	167	312017	25.10	ng	96
73) Di-n-butylphthalate	12.45	149	365370	25.44	ng	# 99
74) Fluoranthene	13.18	202	364971	25.34	ng	89
76) Benzidine	13.29	184	193114	28.59	ng	97
77) Pyrene	13.43	202	382628	25.71	ng	97
79) Butylbenzylphthalate	14.13	149	151349	25.33	ng	# 73
80) Benzo(a)anthracene	14.86	228	381868	25.94	ng	97
81) 3,3'-Dichlorobenzidine	14.80	252	80590	15.87	ng	# 92
82) Chrysene	14.91	228	352101	25.93	ng	95
83) Bis(2-ethylhexyl)phthalate	14.84	149	236547	25.05	ng	95
84) Di-n-octyl phthalate	15.65	149	399764	24.70	ng	97
85) Indeno(1,2,3-cd)pyrene	18.61	276	394048	23.02	ng	# 88
87) Benzo(b)fluoranthene	16.22	252	369720	26.15	ng	# 88
88) Benzo(k)fluoranthene	16.25	252	349970	24.31	ng	# 90
89) Benzo(a)pyrene	16.69	252	356265	26.53	ng	# 85
90) Dibenzo(a,h)anthracene	18.64	278	334913	24.37	ng	# 81
91) Benzo(g,h,i)perylene	19.17	276	333049	24.00	ng	# 77

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

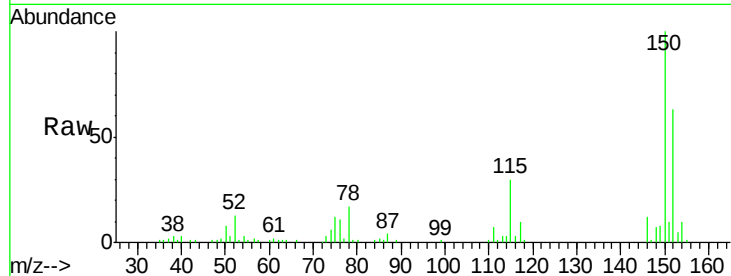


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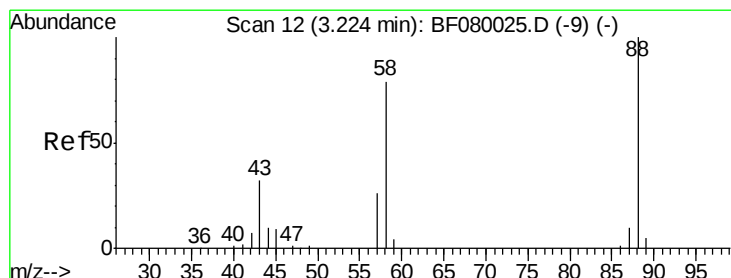
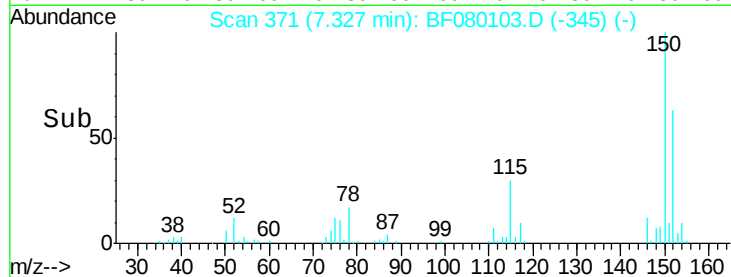
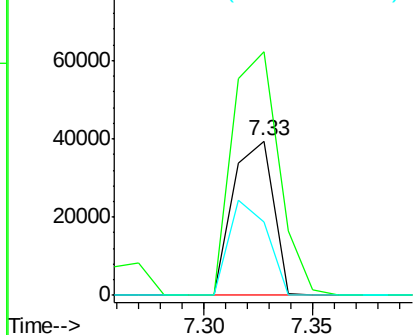
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 371
Delta R.T. 0.00 min
Lab File: BF080103.D
Acq: 22 Jun 2015 19:34

Instrument :
BNA_F
ClientSampleId :
PB84129BS

Tgt Ion:152 Resp: 50367
Ion Ratio Lower Upper
152 100
150 157.7 124.7 187.1
115 47.7 39.0 58.4



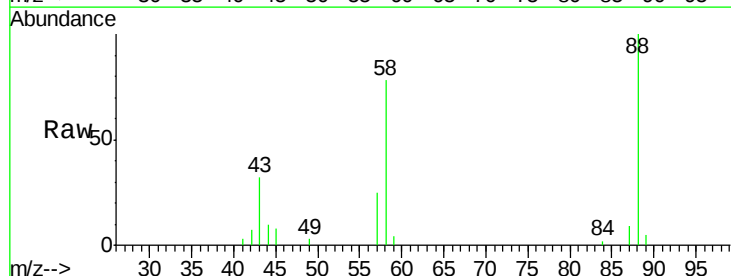
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



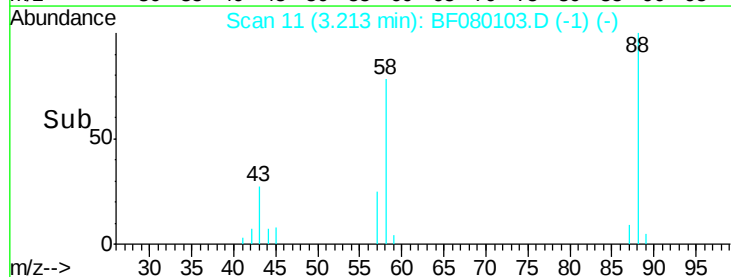
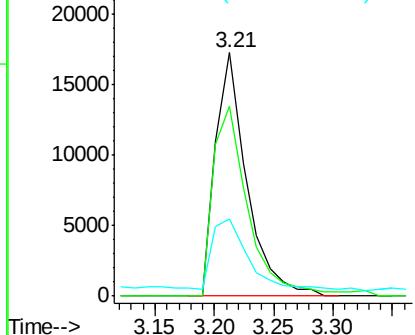
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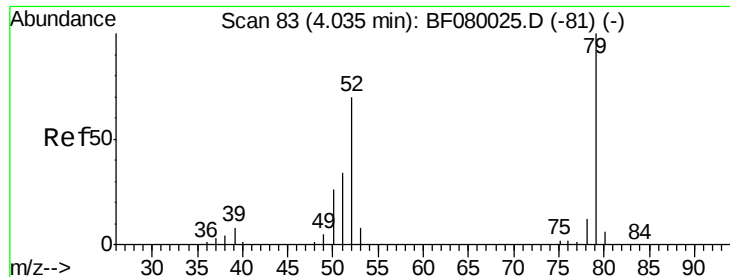
1,4-Dioxane
Concen: 23.21 ng
RT: 3.21 min Scan# 11
Delta R.T. 0.02 min
Lab File: BF080103.D
Acq: 22 Jun 2015 19:34

Tgt Ion: 88 Resp: 31383
Ion Ratio Lower Upper
88 100
58 88.2 77.7 116.5
43 34.9 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: 28.56 ng

RT: 4.02 min Scan# 82

Delta R.T. 0.02 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

Instrument :

BNA_F

ClientSampleId :

PB84129BS

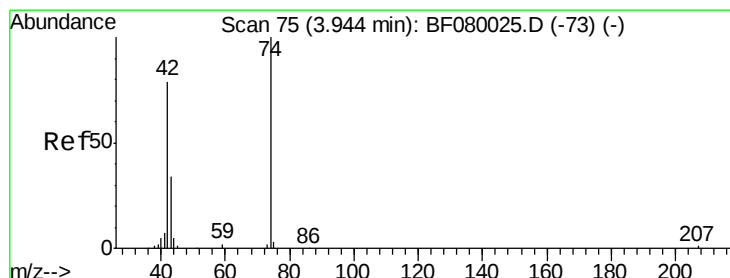
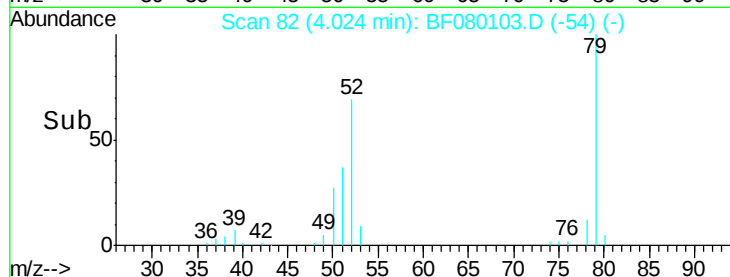
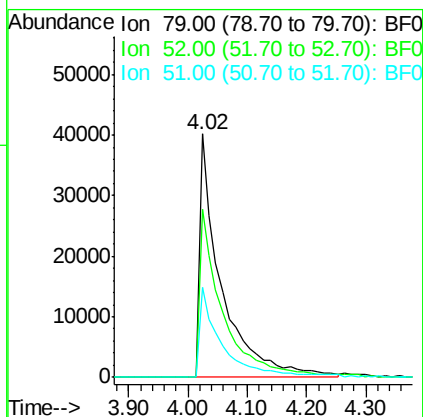
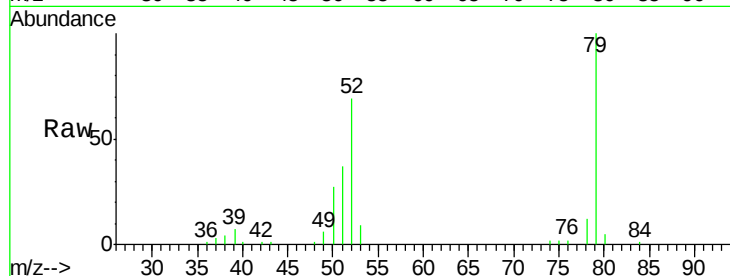
Tgt Ion: 79 Resp: 102721

Ion Ratio Lower Upper

79 100

52 69.1 76.8 115.2#

51 37.1 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 24.78 ng

RT: 3.93 min Scan# 74

Delta R.T. 0.01 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

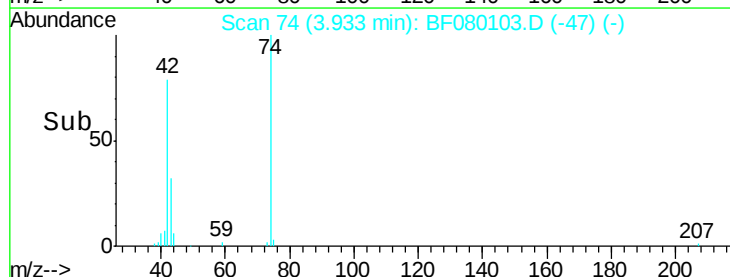
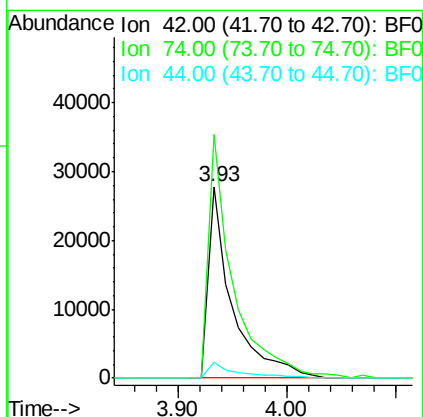
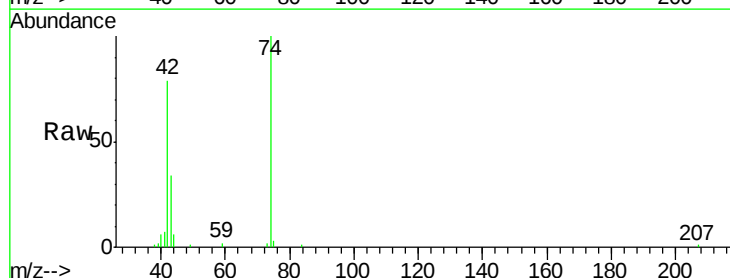
Tgt Ion: 42 Resp: 42351

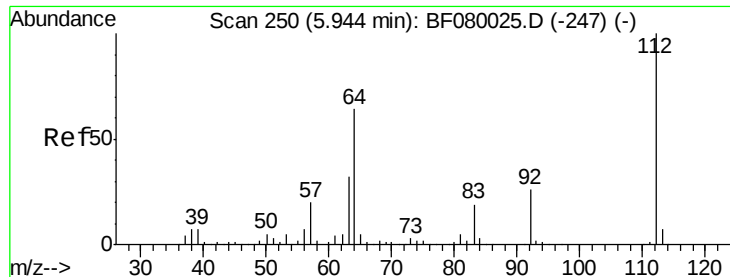
Ion Ratio Lower Upper

42 100

74 127.2 105.0 157.6

44 8.0 6.6 10.0





#5

2-Fluorophenol

Concen: 96.54 ng

RT: 5.93 min Scan# 249

Delta R.T. 0.00 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

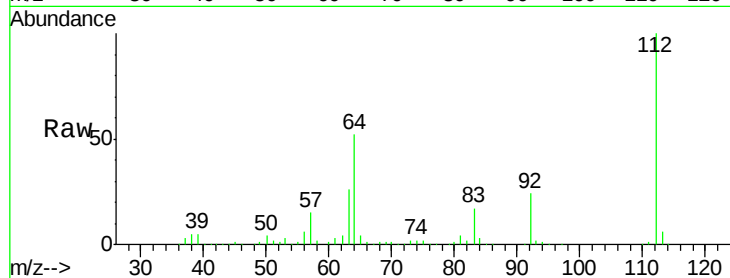
Instrument :

BNA_F

ClientSampleId :

PB84129BS

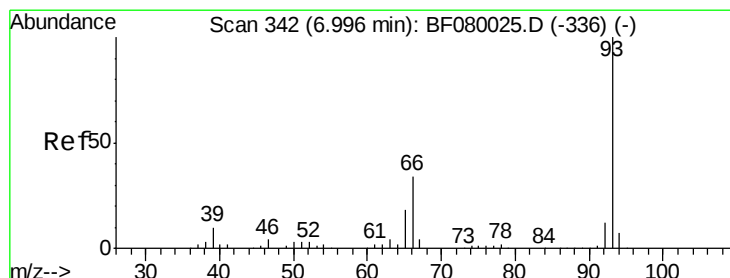
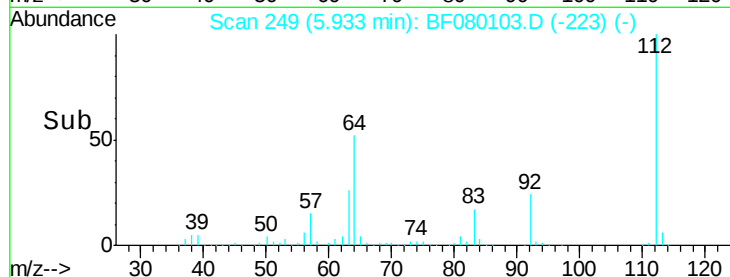
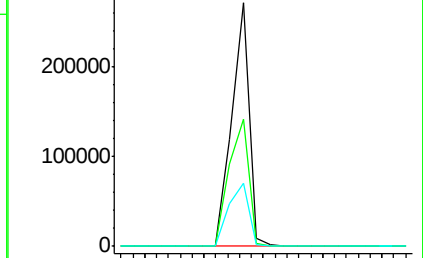
Tgt Ion:	112	Resp:	274685
Ion	Ratio	Lower	Upper
112	100		
64	52.3	39.7	59.5
63	26.0	17.4	26.0



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: 18.20 ng

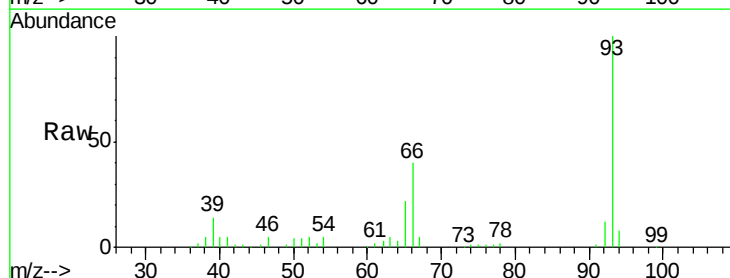
RT: 6.97 min Scan# 340

Delta R.T. 0.00 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

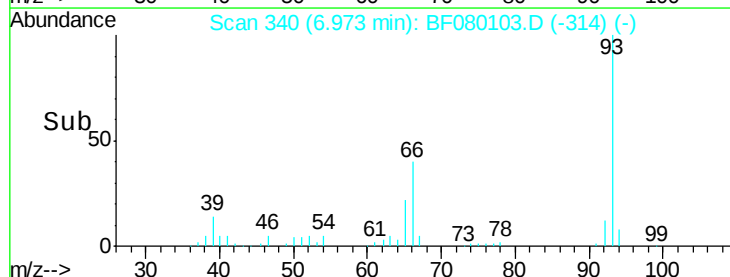
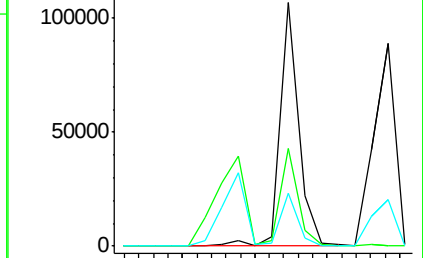
Tgt Ion:	93	Resp:	94805
Ion	Ratio	Lower	Upper
93	100		
66	40.1	27.2	40.8
65	21.7	14.7	22.1

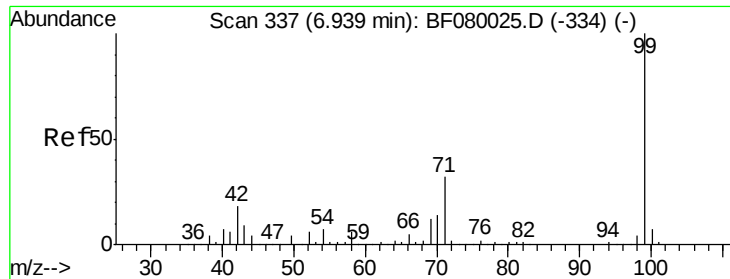


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 91.81 ng

RT: 6.93 min Scan# 336

Delta R.T. 0.00 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

Instrument :

BNA_F

ClientSampleId :

PB84129BS

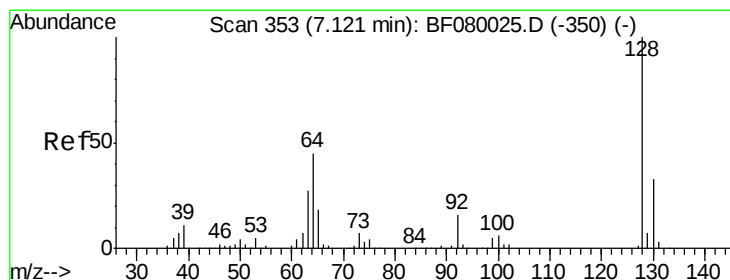
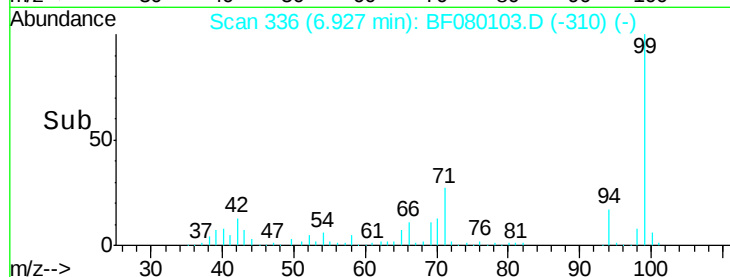
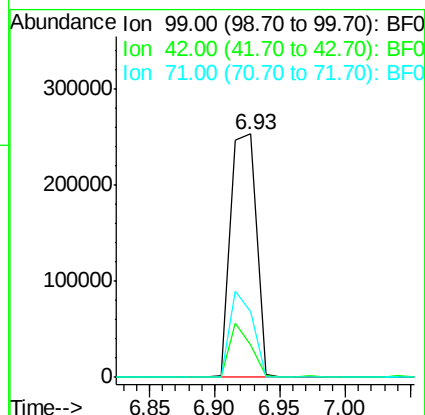
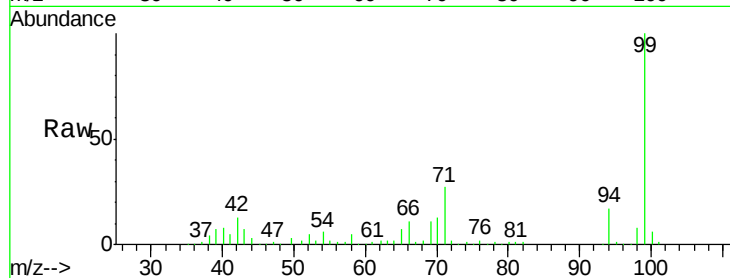
Tgt Ion: 99 Resp: 347602

Ion Ratio Lower Upper

99 100

42 13.4 13.7 20.5#

71 27.1 14.2 21.2#



#8

2-Chlorophenol

Concen: 29.50 ng

RT: 7.10 min Scan# 351

Delta R.T. -0.01 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

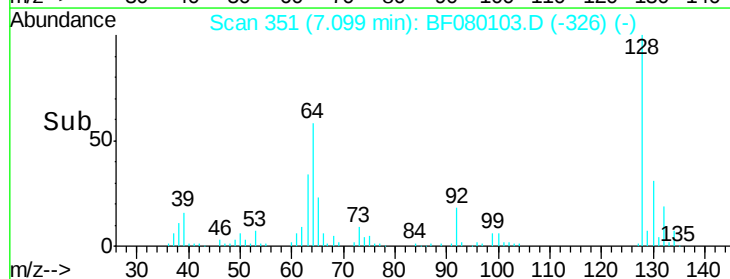
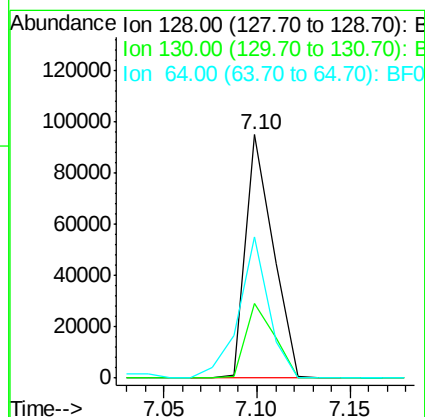
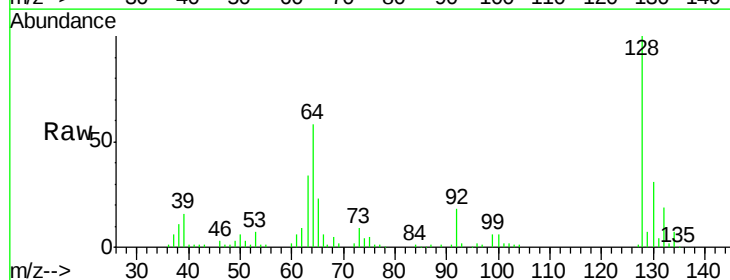
Tgt Ion: 128 Resp: 97013

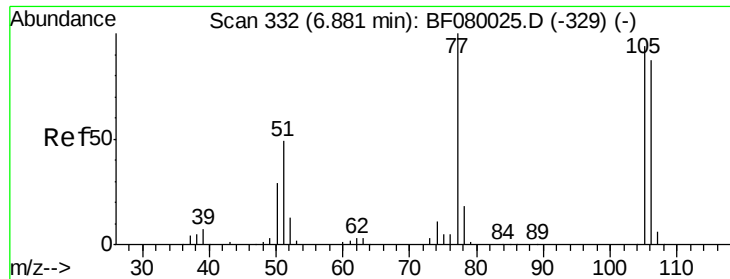
Ion Ratio Lower Upper

128 100

130 30.9 12.2 52.2

64 58.1 20.5 60.5





#9

Benzaldehyde

Concen: 22.20 ng

RT: 6.87 min Scan# 331

Delta R.T. 0.00 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

Instrument :

BNA_F

ClientSampleId :

PB84129BS

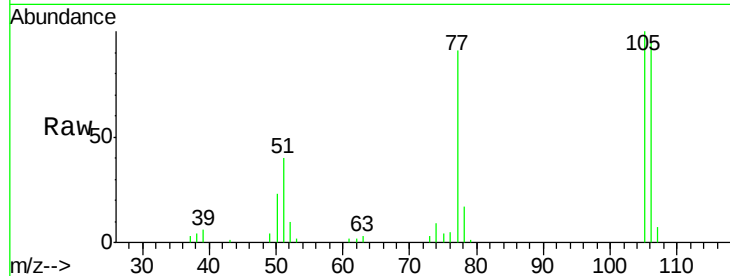
Tgt Ion: 77 Resp: 48517

Ion Ratio Lower Upper

77 100

105 110.1 91.6 131.6

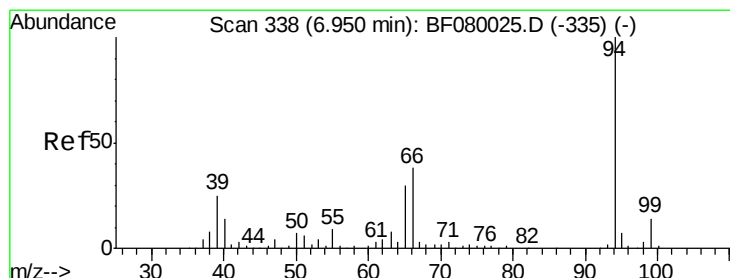
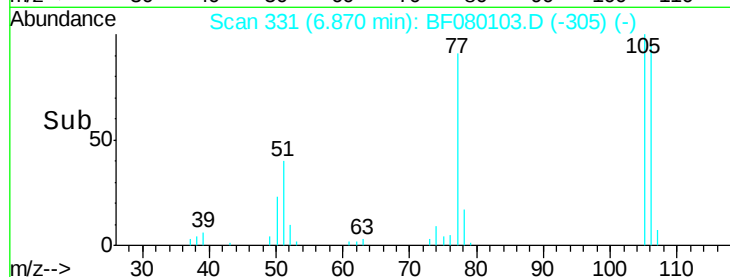
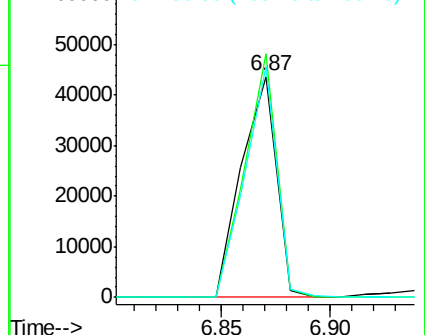
106 104.3 102.6 142.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 28.67 ng

RT: 6.94 min Scan# 337

Delta R.T. 0.00 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

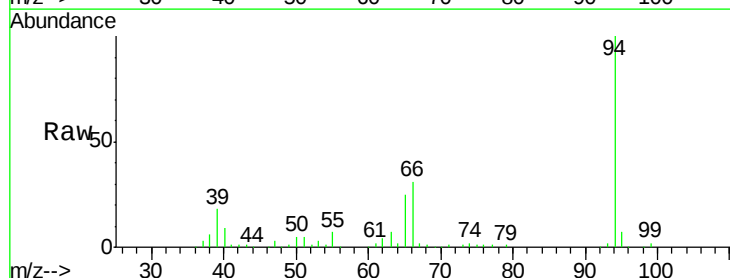
Tgt Ion: 94 Resp: 118468

Ion Ratio Lower Upper

94 100

65 25.3 0.7 40.7

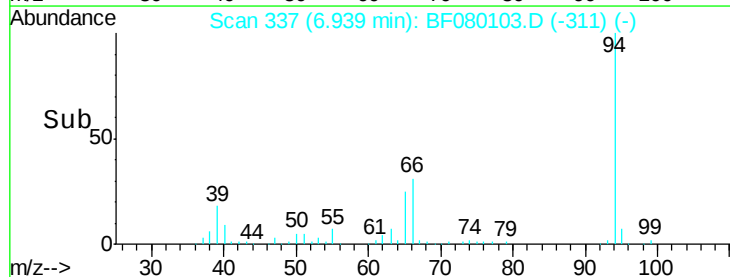
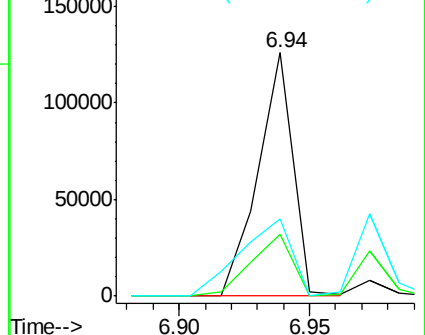
66 31.5 0.8 40.8

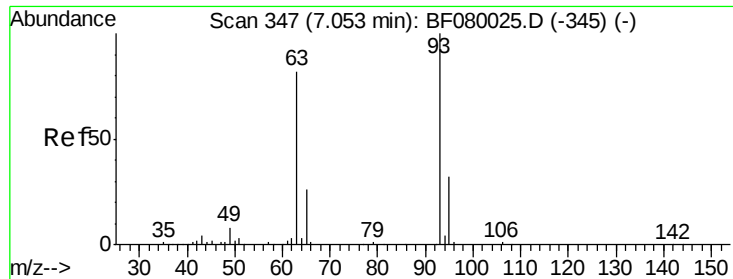


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

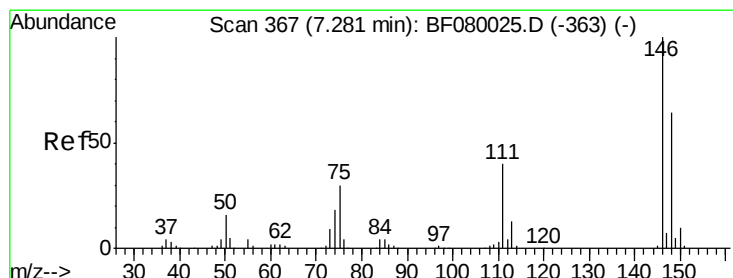
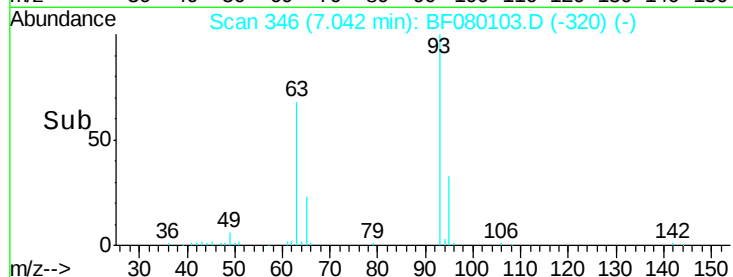
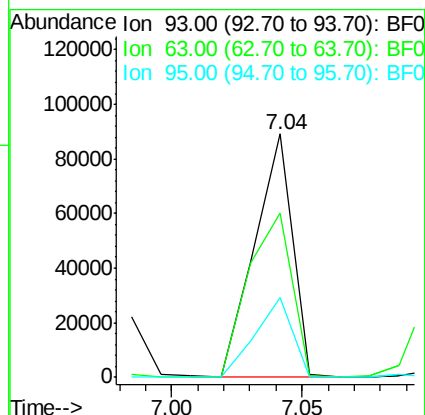
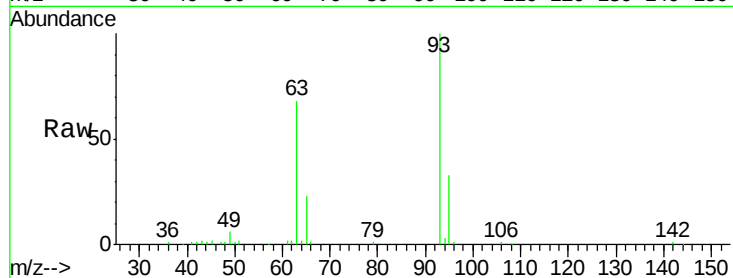




#11
bis(2-Chloroethyl)ether
Concen: 27.73 ng
RT: 7.04 min Scan# 346
Delta R.T. 0.00 min
Lab File: BF080103.D
Acq: 22 Jun 2015 19:34

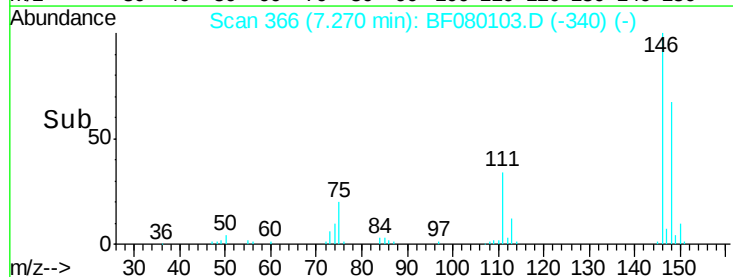
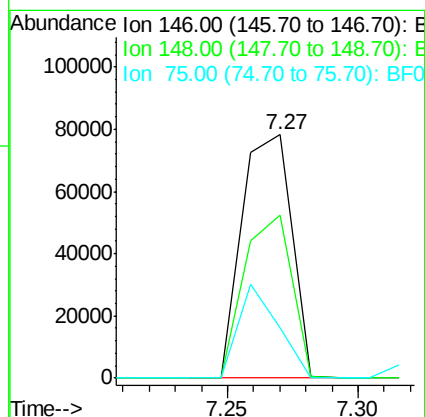
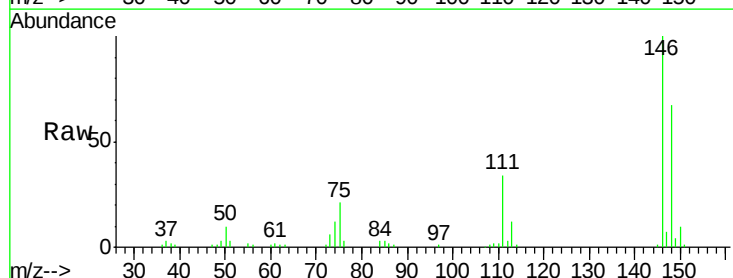
Instrument :
BNA_F
ClientSampleId :
PB84129BS

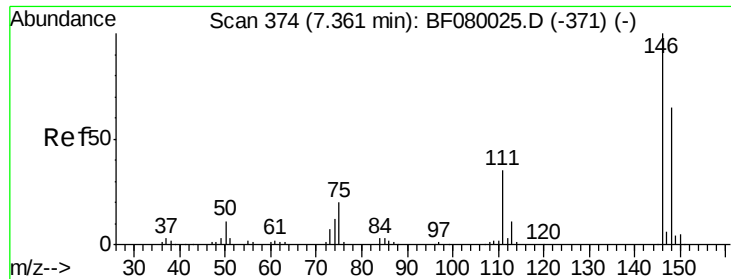
Tgt Ion: 93 Resp: 90903
Ion Ratio Lower Upper
93 100
63 67.7 65.6 105.6
95 32.8 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 26.31 ng
RT: 7.27 min Scan# 366
Delta R.T. 0.00 min
Lab File: BF080103.D
Acq: 22 Jun 2015 19:34

Tgt Ion: 146 Resp: 103942
Ion Ratio Lower Upper
146 100
148 66.7 51.0 76.4
75 20.7 15.0 22.6

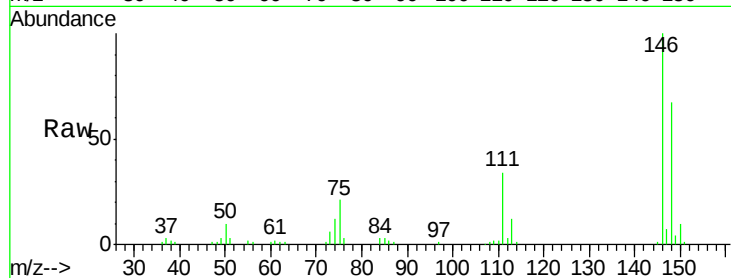




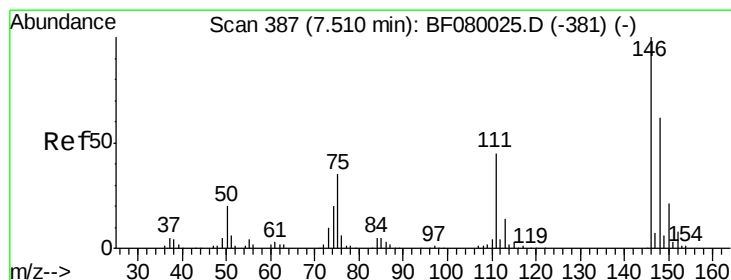
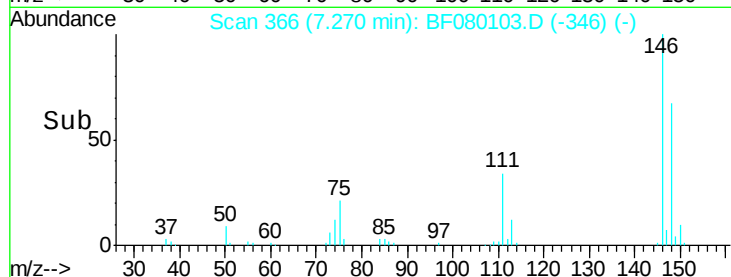
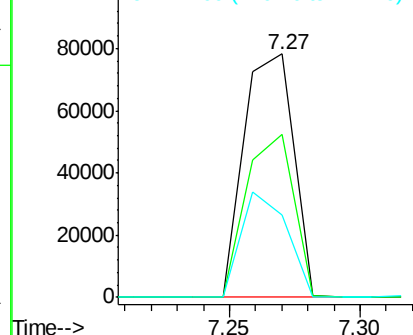
#13
 1,4-Dichlorobenzene
 Concen: 27.67 ng
 RT: 7.27 min Scan# 366
 Delta R.T. -0.07 min
 Lab File: BF080103.D
 Acq: 22 Jun 2015 19:34

Instrument :
 BNA_F
 ClientSampleId :
 PB84129BS

Tgt Ion:146 Resp: 103942
 Ion Ratio Lower Upper
 146 100
 148 66.7 51.8 77.6
 111 34.1 24.9 37.3

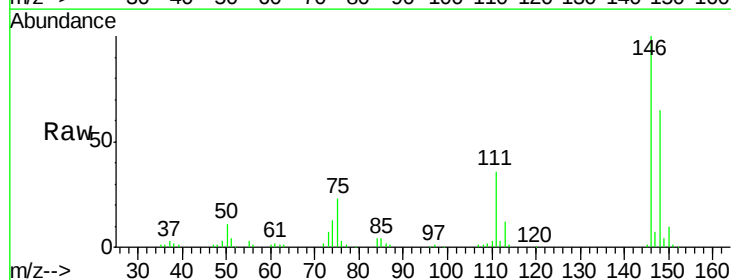


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

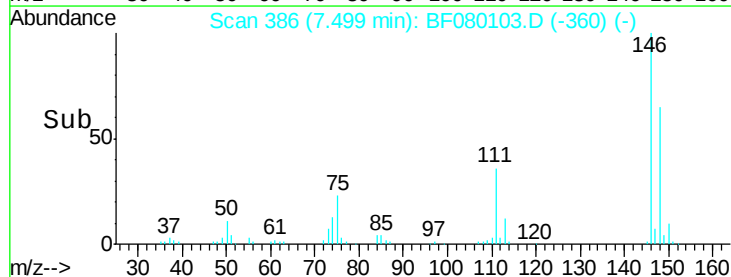
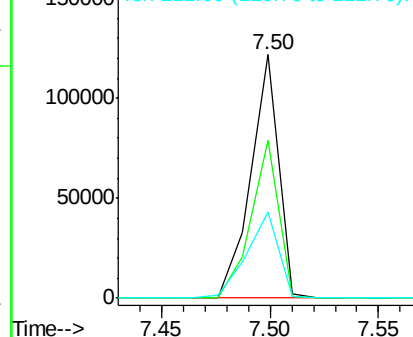


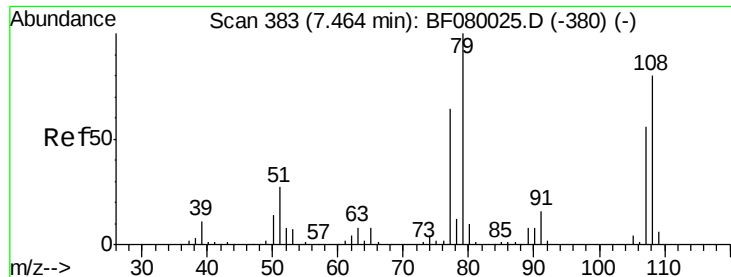
#14
 1,2-Dichlorobenzene
 Concen: 29.47 ng
 RT: 7.50 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: BF080103.D
 Acq: 22 Jun 2015 19:34

Tgt Ion:146 Resp: 107731
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.7 79.1
 111 35.6 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: 27.39 ng

RT: 7.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

Instrument :

BNA_F

ClientSampleId :

PB84129BS

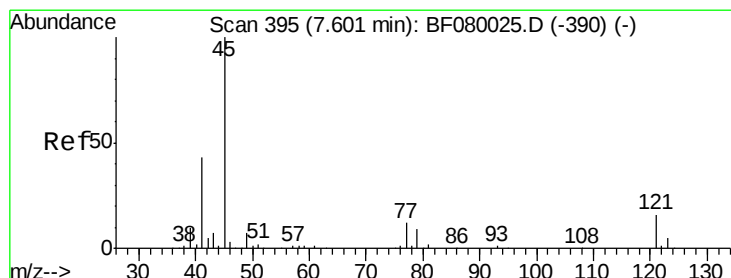
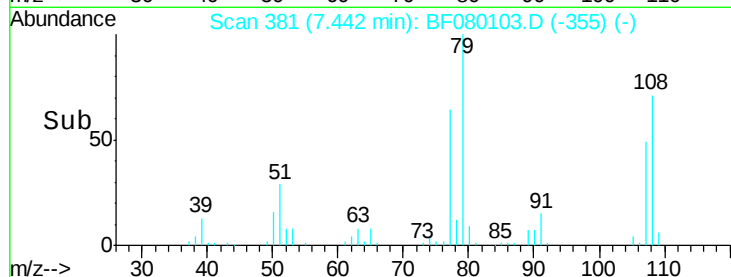
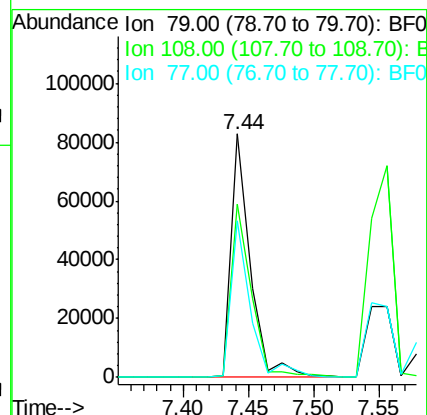
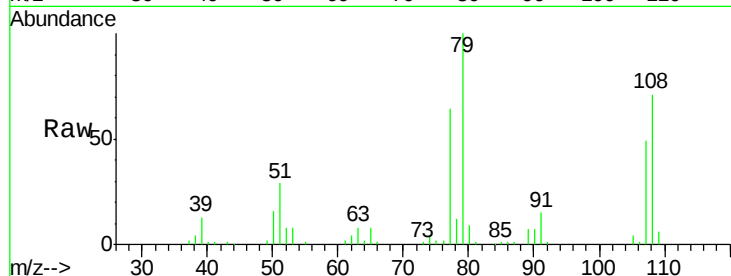
Tgt Ion: 79 Resp: 84806

Ion Ratio Lower Upper

79 100

108 71.1 88.6 132.8#

77 64.4 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.33 ng

RT: 7.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

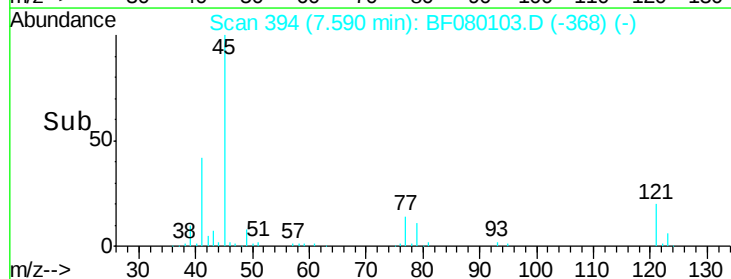
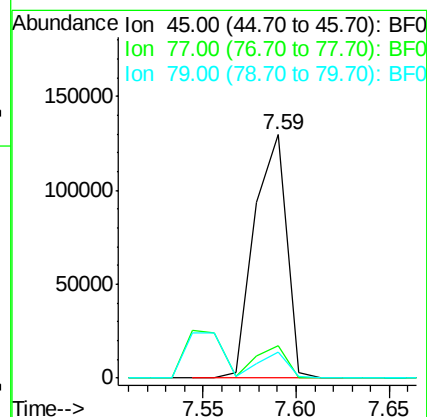
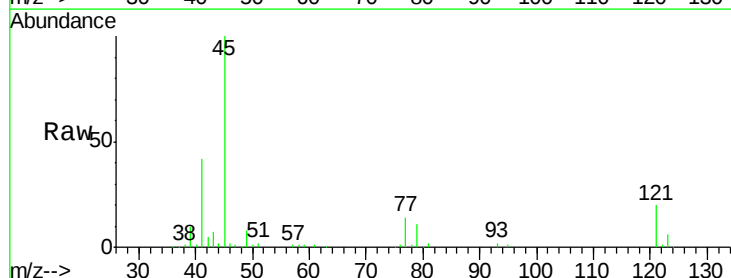
Tgt Ion: 45 Resp: 157307

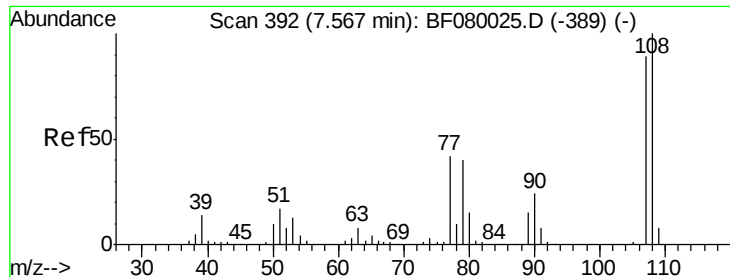
Ion Ratio Lower Upper

45 100

77 13.6 0.0 28.1

79 10.6 0.0 26.0

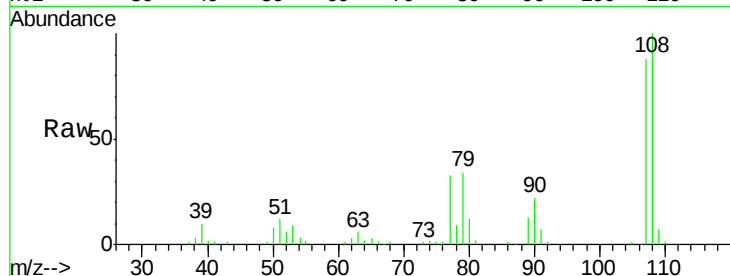




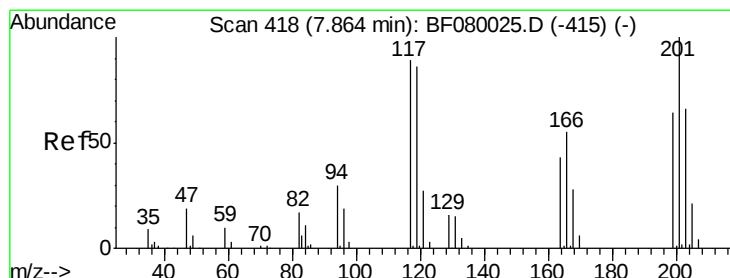
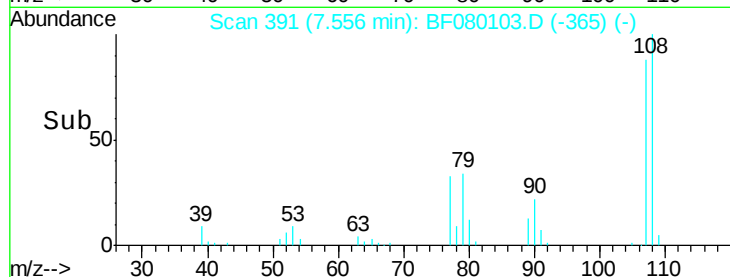
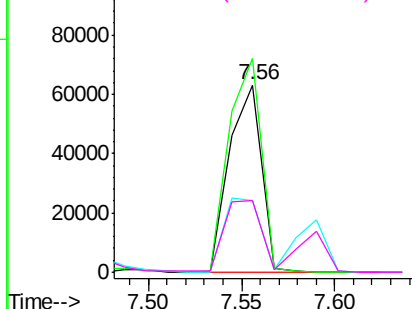
#17
2-Methylphenol
Concen: 27.15 ng
RT: 7.56 min Scan# 391
Delta R.T. 0.00 min
Lab File: BF080103.D
Acq: 22 Jun 2015 19:34

Instrument :
BNA_F
ClientSampleId :
PB84129BS

Tgt Ion:107 Resp: 76258
Ion Ratio Lower Upper
107 100
108 114.0 96.6 145.0
77 38.1 23.3 34.9#
79 38.2 22.0 33.0#

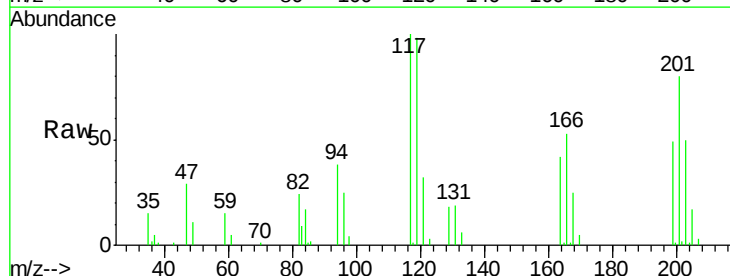


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

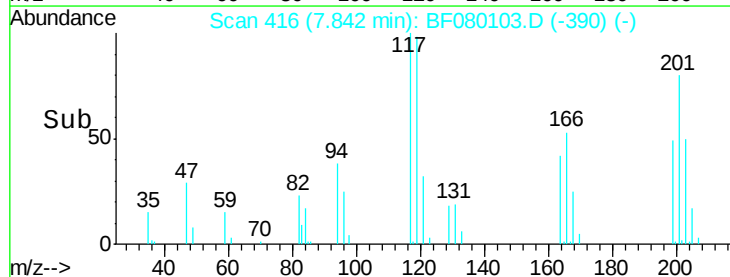
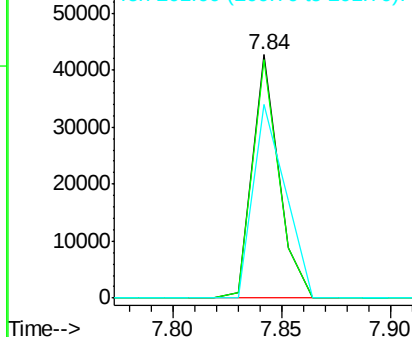


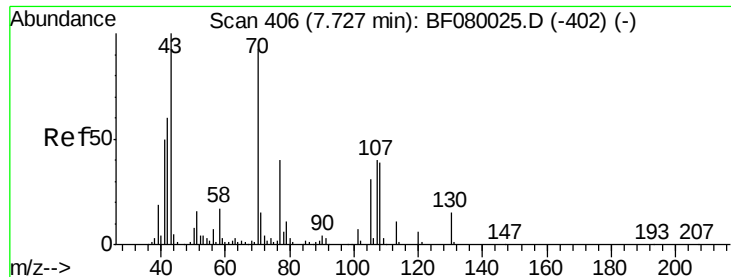
#18
Hexachloroethane
Concen: 28.75 ng
RT: 7.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF080103.D
Acq: 22 Jun 2015 19:34

Tgt Ion:117 Resp: 35961
Ion Ratio Lower Upper
117 100
119 98.0 83.8 125.6
201 79.7 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

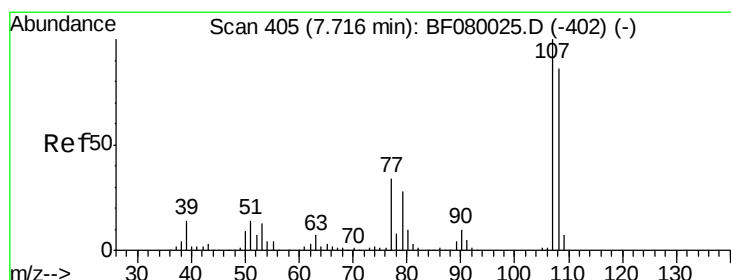
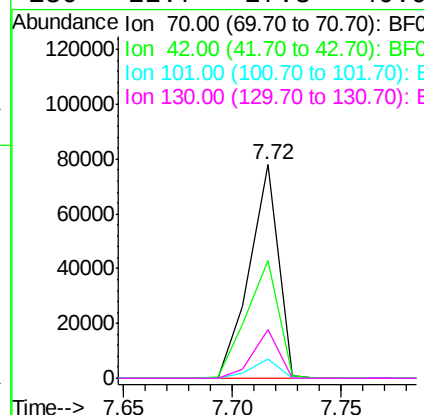
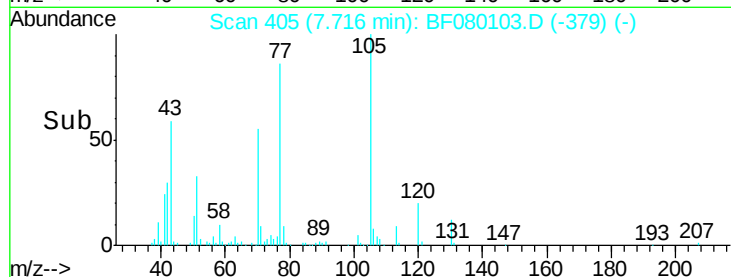
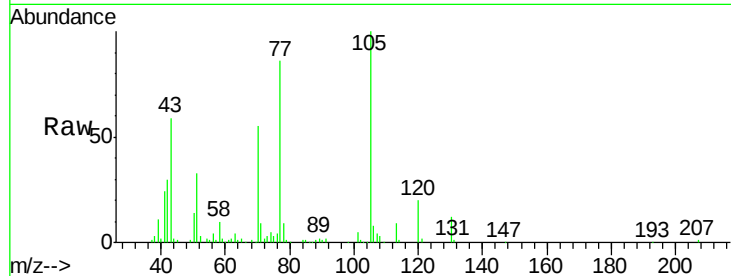




#19
n-Nitroso-di-n-propylamine
Concen: 27.41 ng
RT: 7.72 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF080103.D
Acq: 22 Jun 2015 19:34

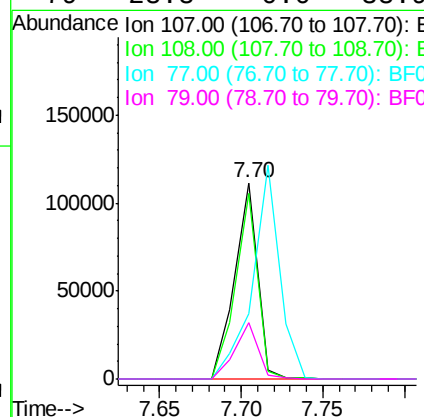
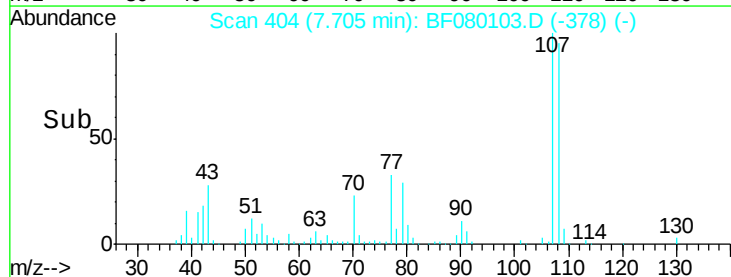
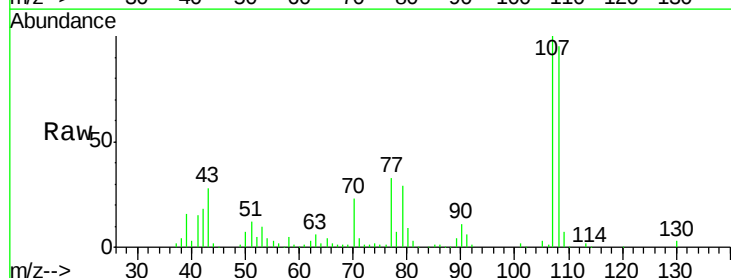
Instrument :
BNA_F
ClientSampleId :
PB84129BS

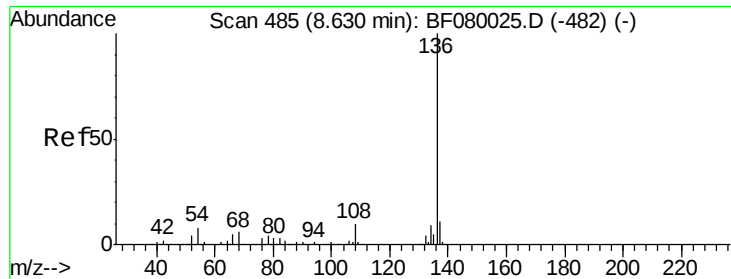
Tgt Ion: 70 Resp: 72067
Ion Ratio Lower Upper
70 100
42 55.3 63.8 95.6#
101 9.2 9.2 13.8
130 22.7 27.3 40.9#



#20
3+4-Methylphenols
Concen: 29.82 ng
RT: 7.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF080103.D
Acq: 22 Jun 2015 19:34

Tgt Ion: 107 Resp: 108117
Ion Ratio Lower Upper
107 100
108 94.6 74.6 114.6
77 33.0 0.7 40.7
79 28.8 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: BF080103.D

Acq: 22 Jun 2015 19:34

Instrument :

BNA_F

ClientSampleId :

PB84129BS

Tgt Ion:136 Resp: 203021

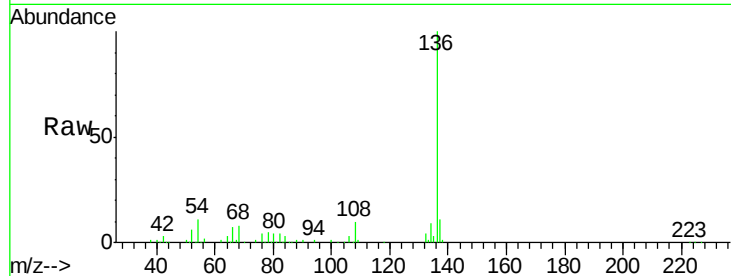
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 11.4 8.2 12.2

68 7.7 5.8 8.6

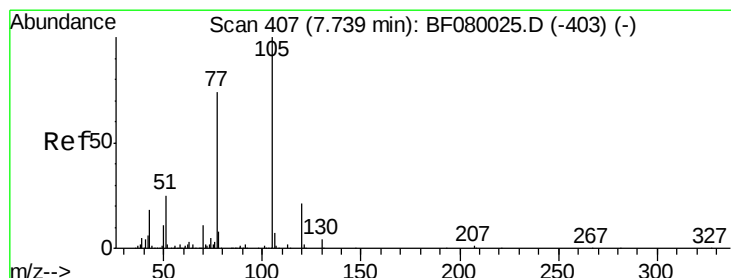
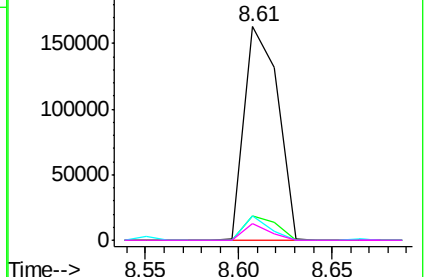
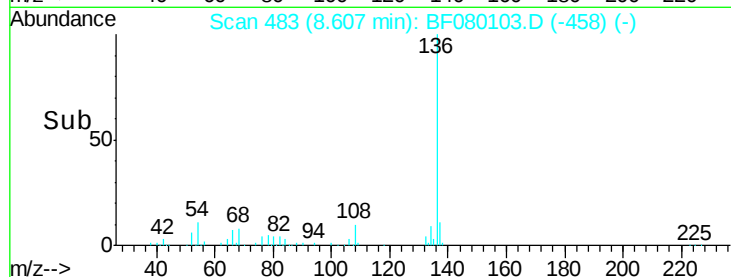


Abundance Ion 136.00 (135.70 to 136.70): E

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: 28.36 ng

RT: 7.72 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

Tgt Ion:105 Resp: 134156

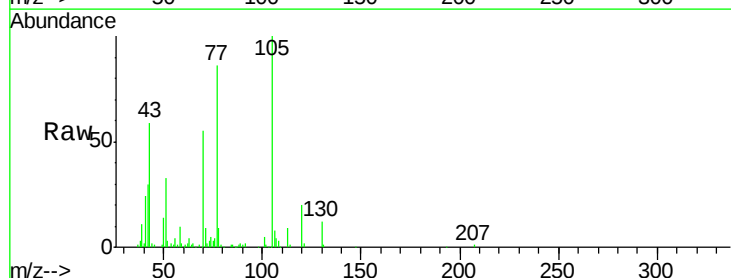
Ion Ratio Lower Upper

105 100

71 8.7 4.7 7.1#

51 32.8 22.0 33.0

120 19.9 30.1 45.1#

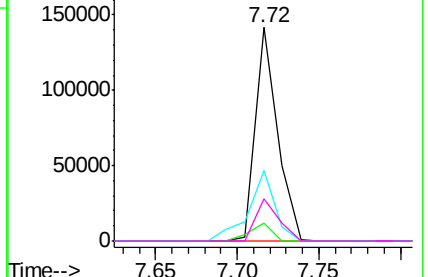
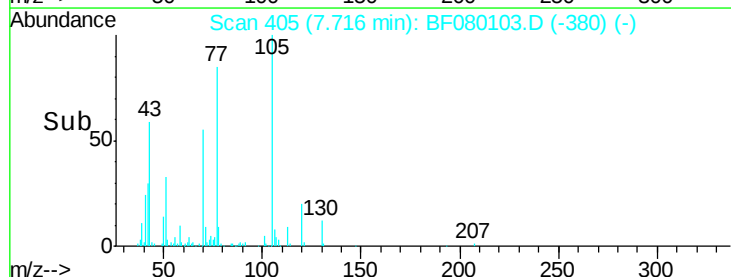


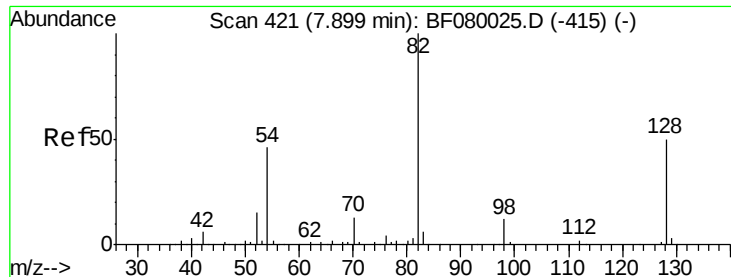
Abundance Ion 105.00 (104.70 to 105.70): E

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: 62.37 ng

RT: 7.88 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

Instrument :

BNA_F

ClientSampleId :

PB84129BS

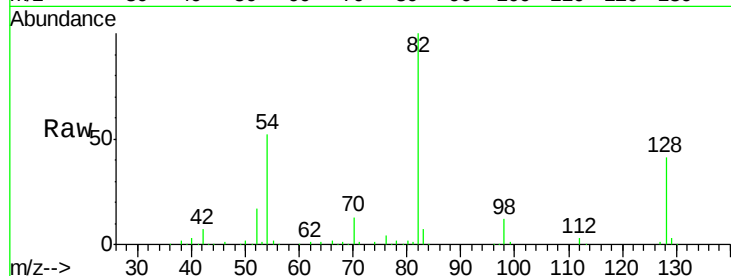
Tgt Ion: 82 Resp: 217514

Ion Ratio Lower Upper

82 100

128 41.2 51.0 76.6#

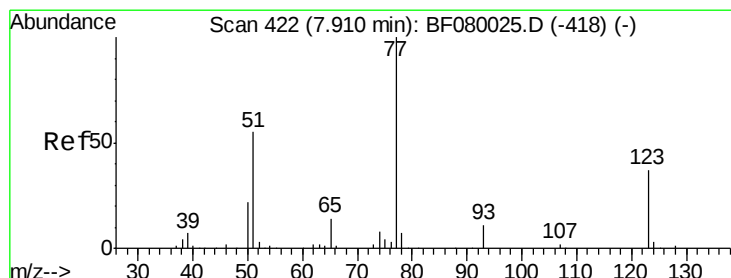
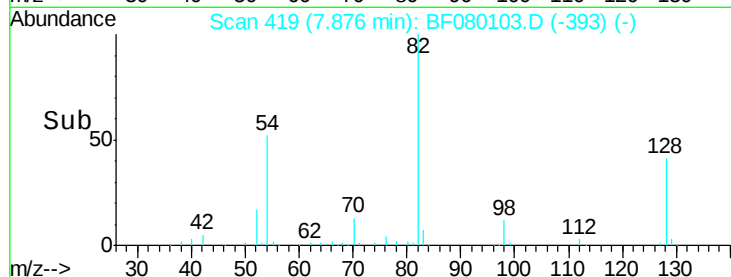
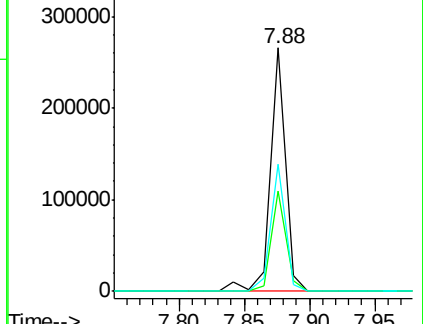
54 52.1 47.5 71.3



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: 28.94 ng

RT: 7.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

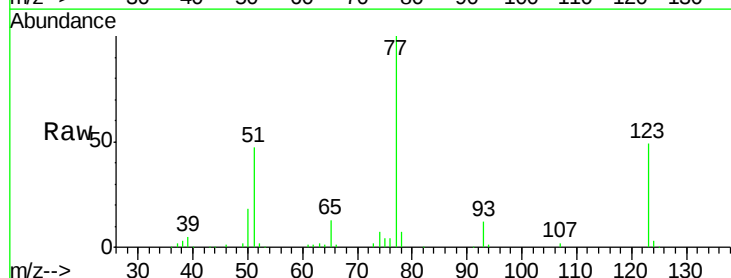
Tgt Ion: 77 Resp: 104165

Ion Ratio Lower Upper

77 100

123 49.4 59.8 89.8#

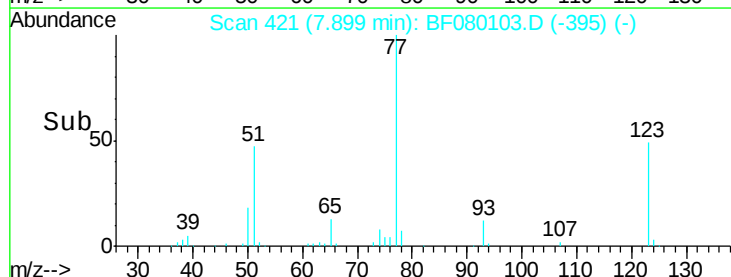
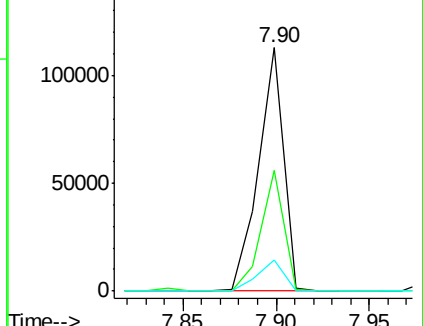
65 12.6 10.2 15.4

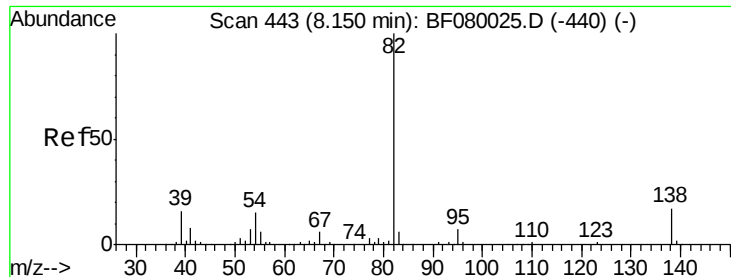


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 25.21 ng

RT: 8.13 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

Instrument :

BNA_F

ClientSampleId :

PB84129BS

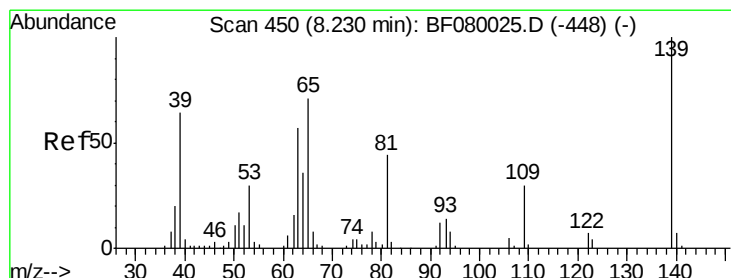
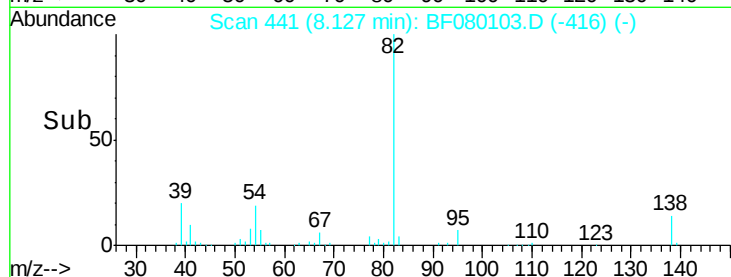
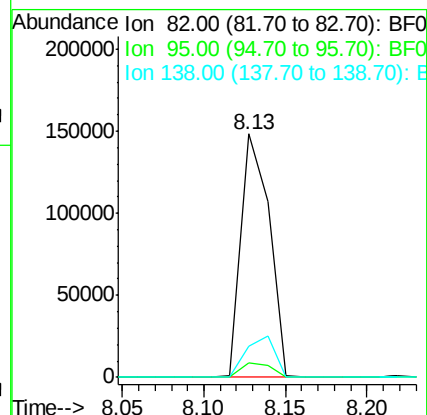
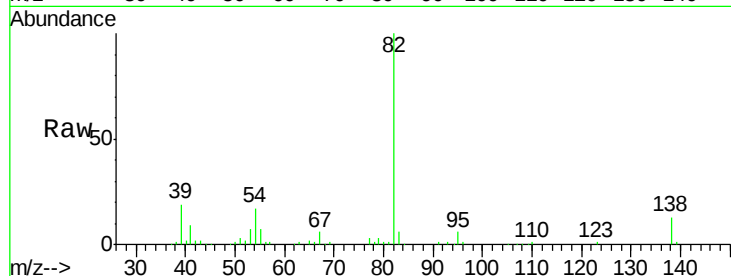
Tgt Ion: 82 Resp: 176942

Ion Ratio Lower Upper

82 100

95 6.2 4.0 6.0#

138 12.8 18.3 27.5#



#26

2-Nitrophenol

Concen: 32.56 ng

RT: 8.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

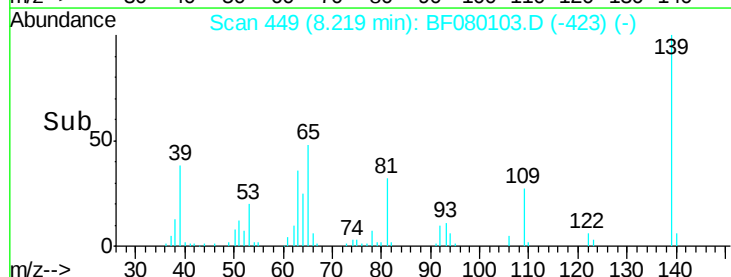
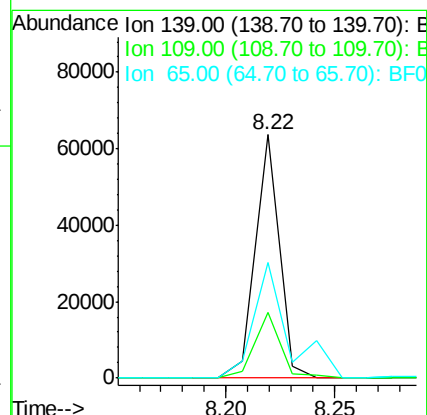
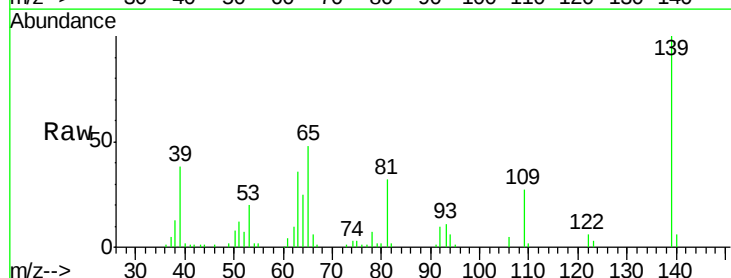
Tgt Ion: 139 Resp: 49056

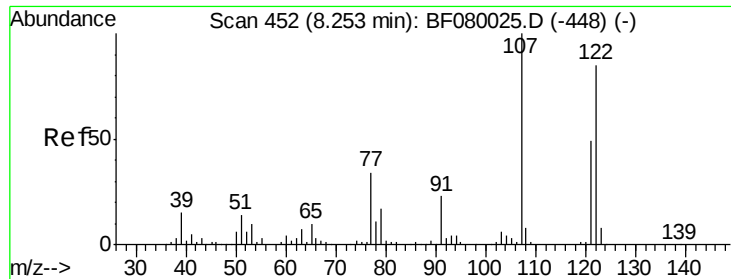
Ion Ratio Lower Upper

139 100

109 27.0 11.0 16.4#

65 47.6 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 30.75 ng

RT: 8.24 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

Instrument :

BNA_F

ClientSampleId :

PB84129BS

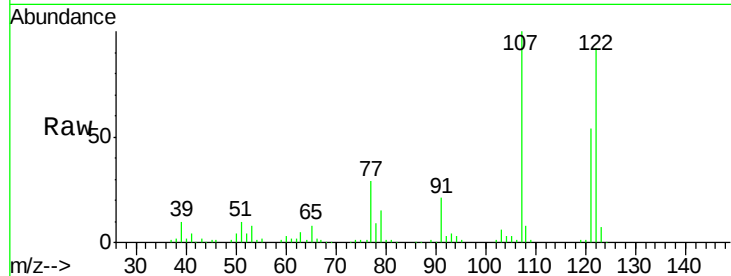
Tgt Ion:122 Resp: 96593

Ion Ratio Lower Upper

122 100

107 108.4 71.8 107.6#

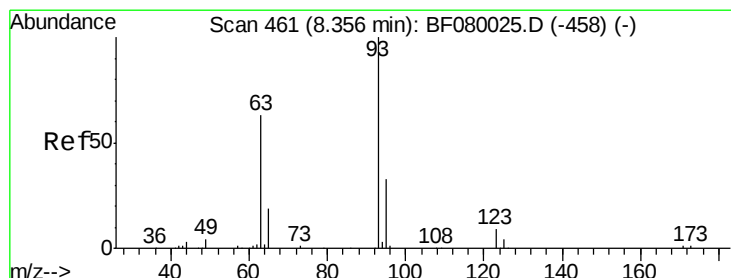
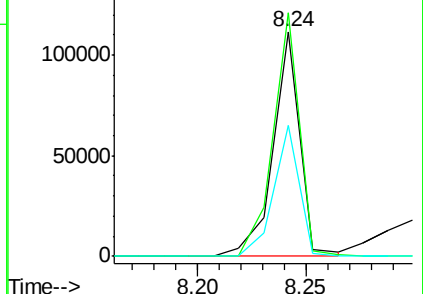
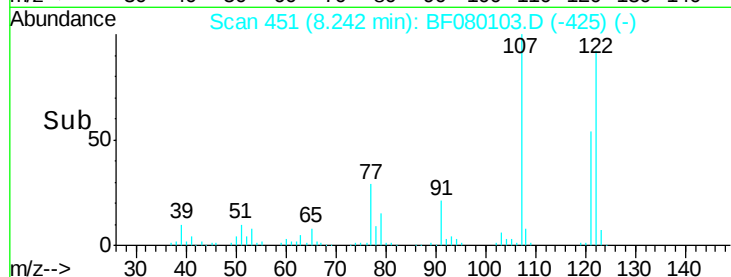
121 58.0 42.3 63.5



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: 27.74 ng

RT: 8.33 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

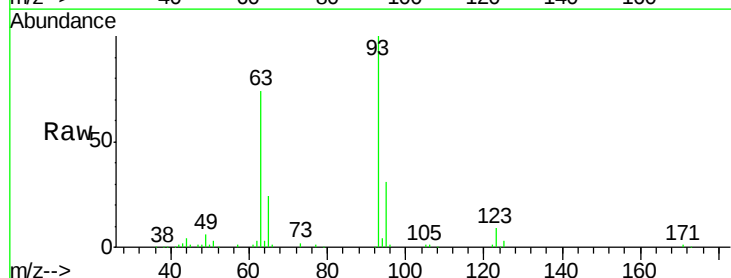
Tgt Ion: 93 Resp: 114396

Ion Ratio Lower Upper

93 100

95 30.8 27.5 41.3

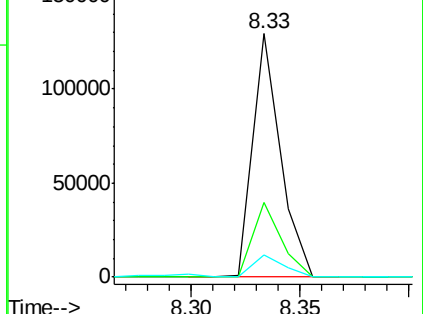
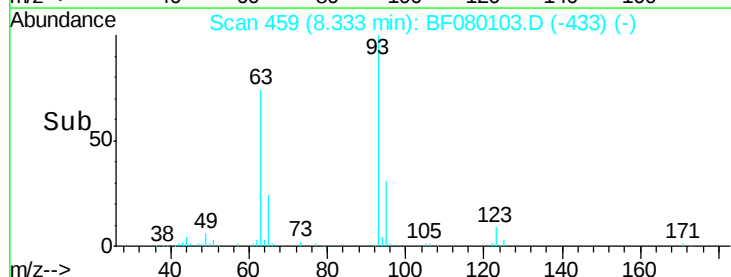
123 9.3 13.7 20.5#

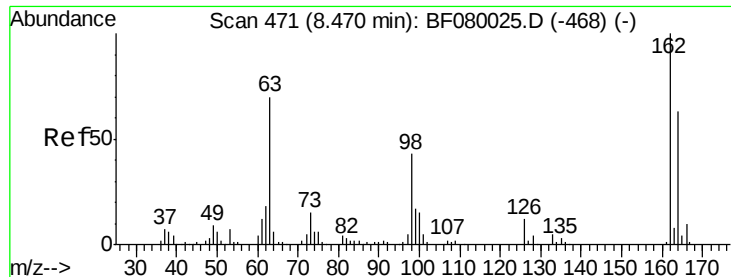


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

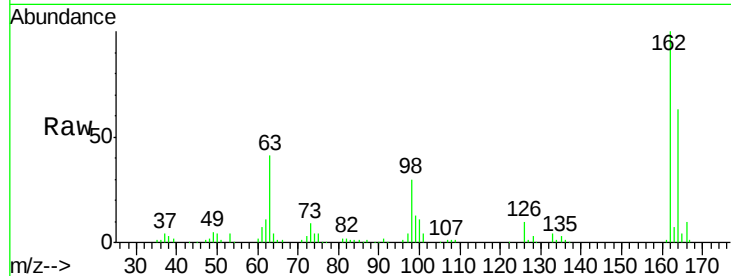




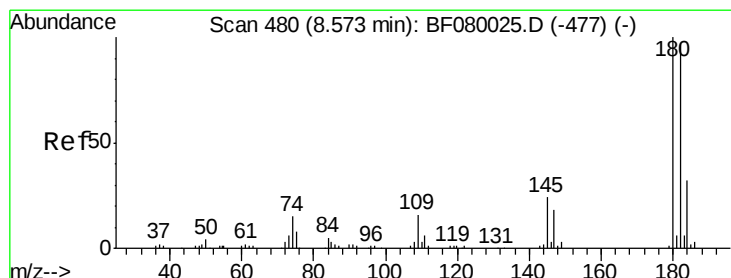
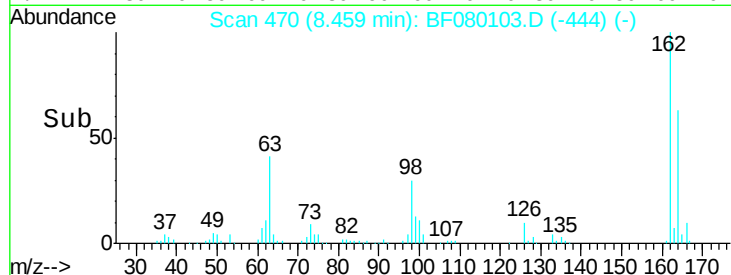
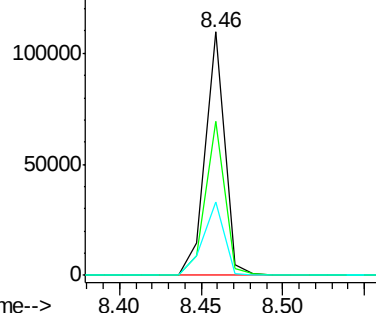
#29
 2,4-Dichlorophenol
 Concen: 32.99 ng
 RT: 8.46 min Scan# 470
 Delta R.T. 0.00 min
 Lab File: BF080103.D
 Acq: 22 Jun 2015 19:34

Instrument :
 BNA_F
 ClientSampleID :
 PB84129BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.9	84.9
98	30.3	13.0	53.0

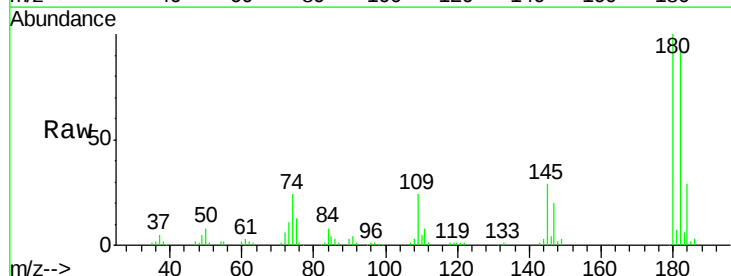


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

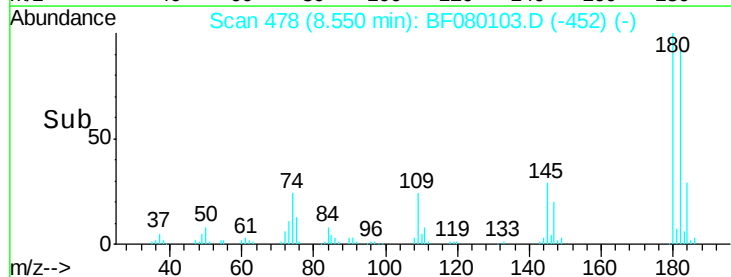
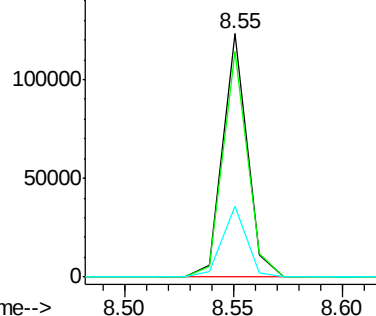


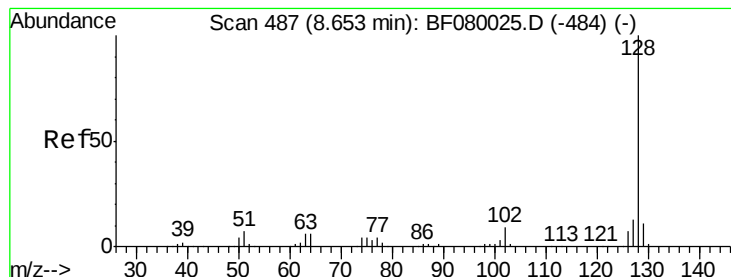
#30
 1,2,4-Trichlorobenzene
 Concen: 31.53 ng
 RT: 8.55 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: BF080103.D
 Acq: 22 Jun 2015 19:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	77.1	115.7
145	29.3	23.3	34.9



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





#31

Naphthalene

Concen: 26.47 ng

RT: 8.63 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

Instrument :

BNA_F

ClientSampleId :

PB84129BS

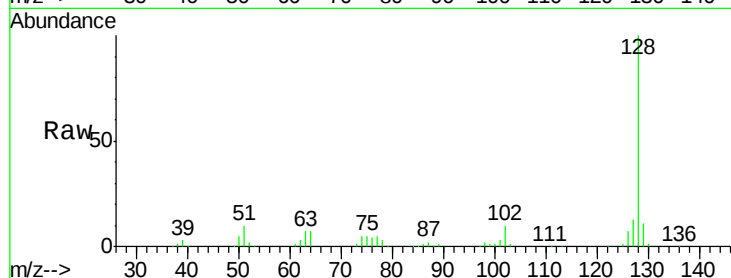
Tgt Ion:128 Resp: 280950

Ion Ratio Lower Upper

128 100

129 11.4 8.4 12.6

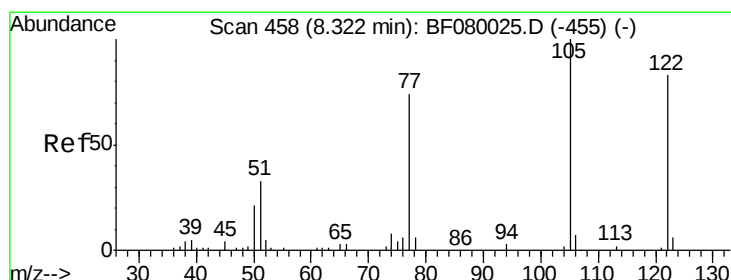
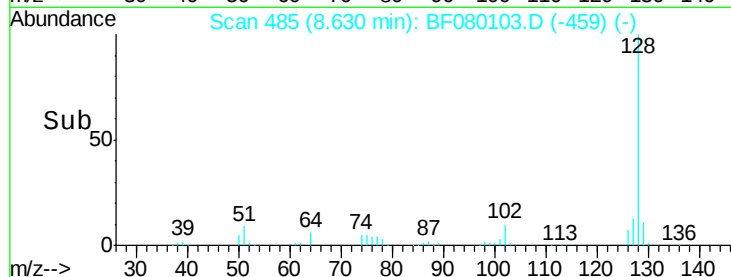
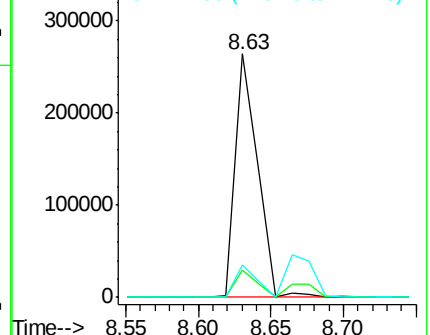
127 13.3 9.9 14.9



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: 17.70 ng

RT: 8.30 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

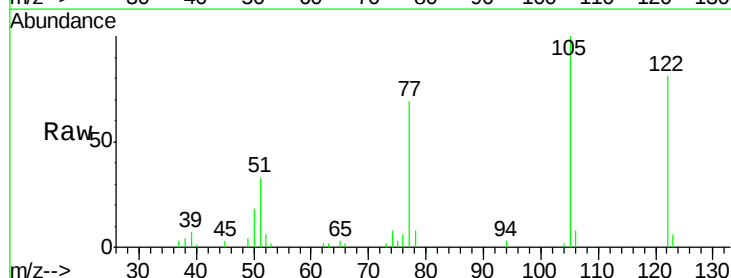
Tgt Ion:122 Resp: 33628

Ion Ratio Lower Upper

122 100

105 123.8 76.1 116.1#

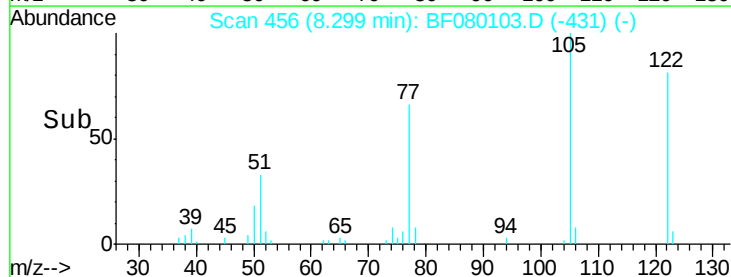
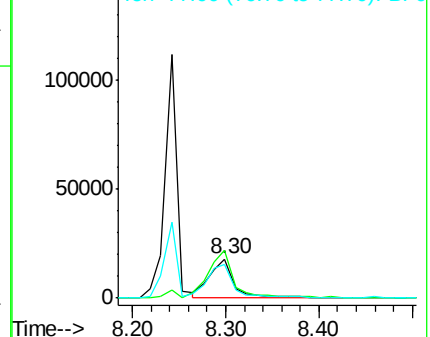
77 86.0 40.5 80.5#

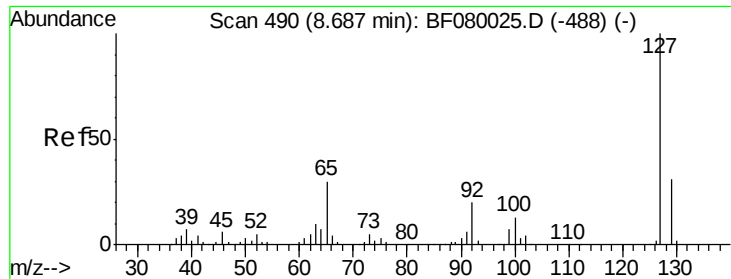


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

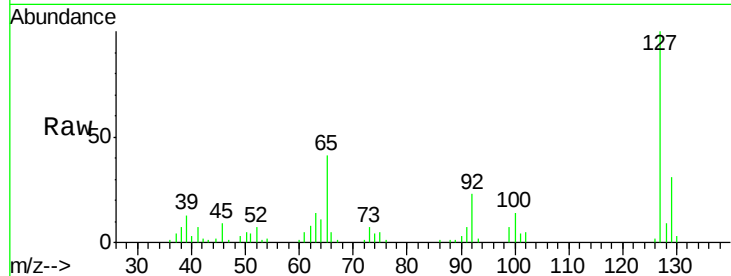




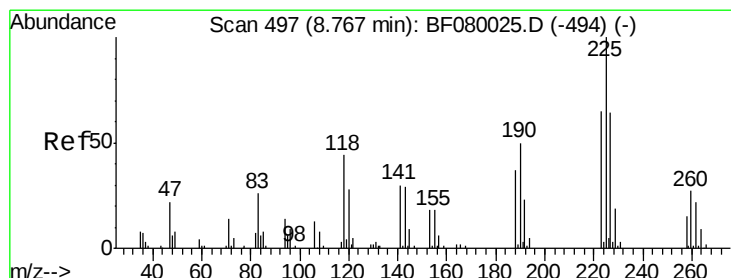
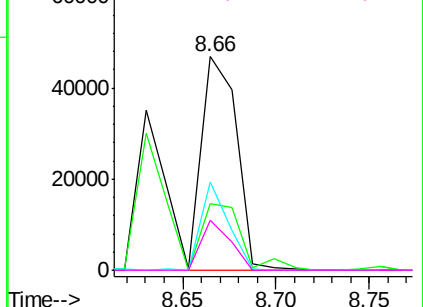
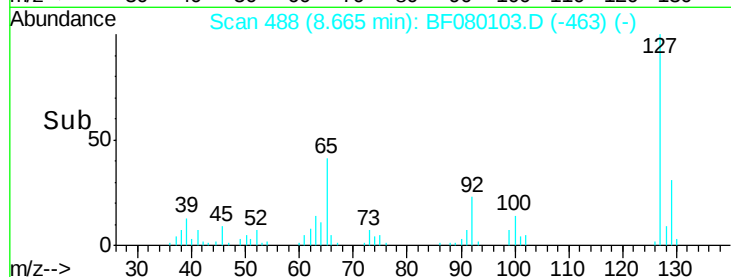
#33
 4-Chloroaniline
 Concen: 13.40 ng
 RT: 8.66 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF080103.D
 Acq: 22 Jun 2015 19:34

Instrument :
 BNA_F
 ClientSampleId :
 PB84129BS

Tgt Ion:127 Resp: 60893
 Ion Ratio Lower Upper
 127 100
 129 31.1 25.8 38.6
 65 41.4 17.9 26.9#
 92 23.4 10.5 15.7#

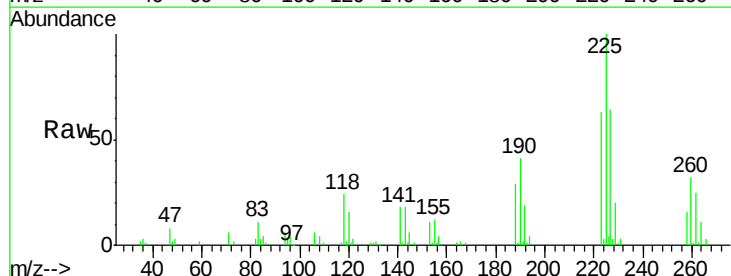


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

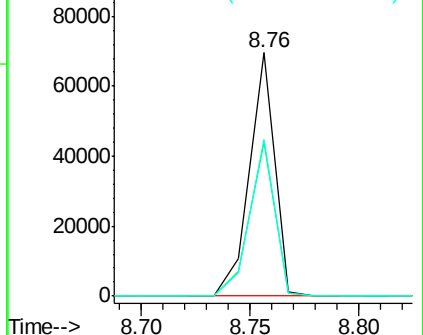
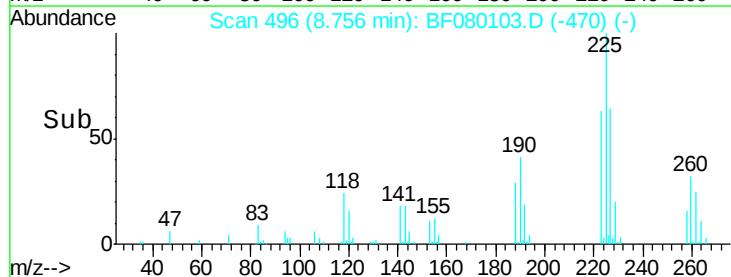


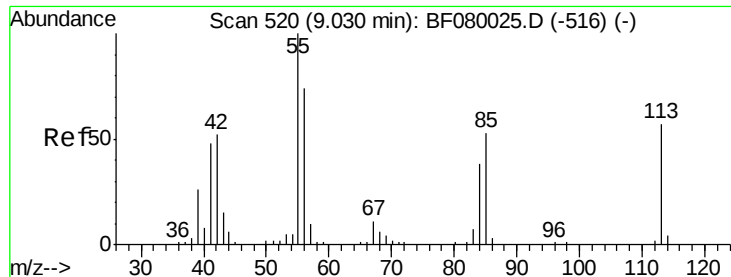
#34
 Hexachlorobutadiene
 Concen: 29.79 ng
 RT: 8.76 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF080103.D
 Acq: 22 Jun 2015 19:34

Tgt Ion:225 Resp: 56038
 Ion Ratio Lower Upper
 225 100
 223 63.0 50.2 75.2
 227 64.4 52.2 78.2



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E

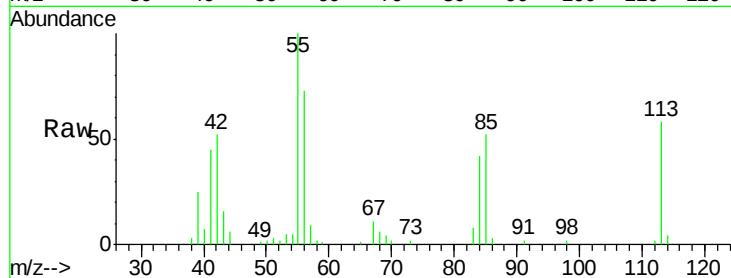




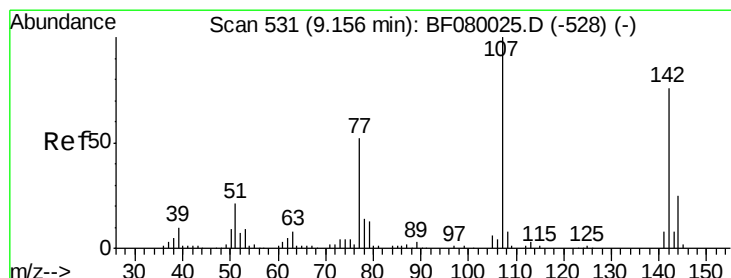
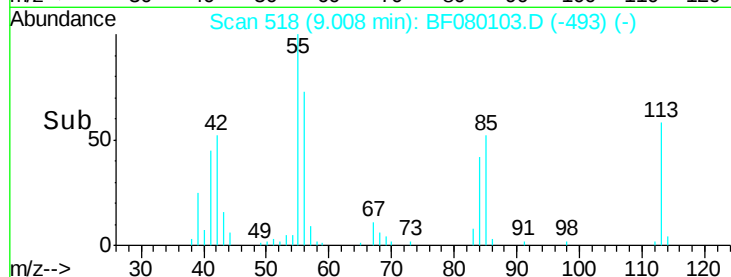
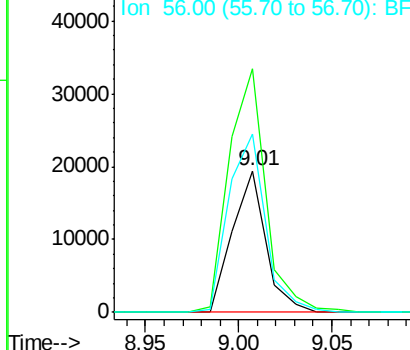
#35
Caprolactam
Concen: 27.68 ng
RT: 9.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF080103.D
Acq: 22 Jun 2015 19:34

Instrument :
BNA_F
ClientSampleId :
PB84129BS

Tgt Ion:113 Resp: 24170
Ion Ratio Lower Upper
113 100
55 172.4 152.4 192.4
56 125.9 104.6 144.6

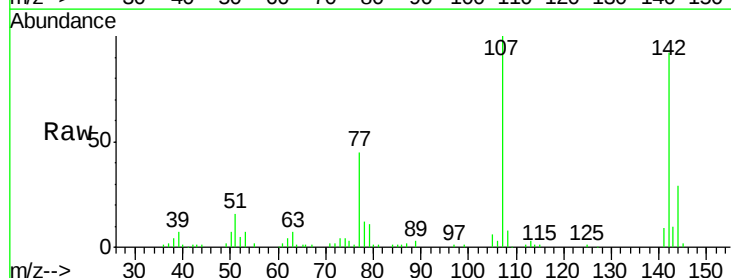


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

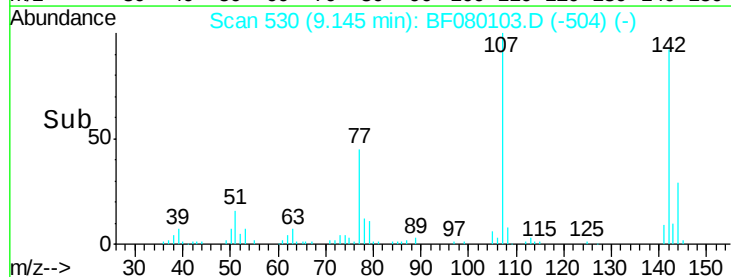
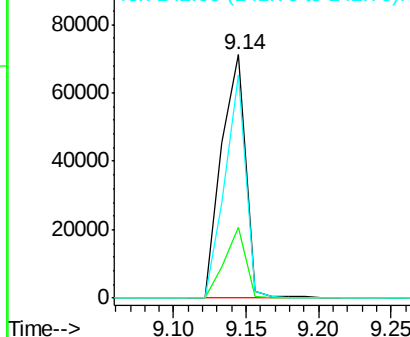


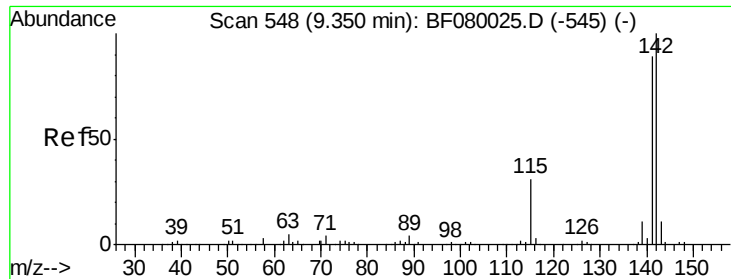
#36
4-Chloro-3-methylphenol
Concen: 27.12 ng
RT: 9.14 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF080103.D
Acq: 22 Jun 2015 19:34

Tgt Ion:107 Resp: 82311
Ion Ratio Lower Upper
107 100
144 29.3 25.4 38.0
142 91.7 77.3 115.9



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

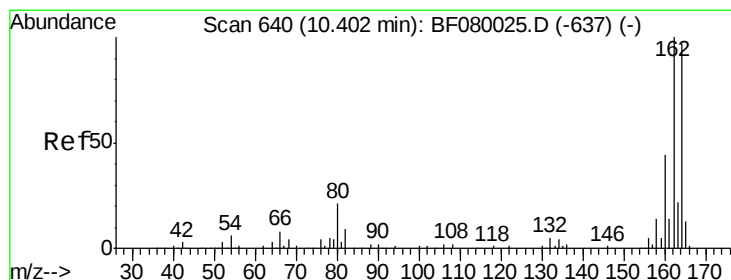
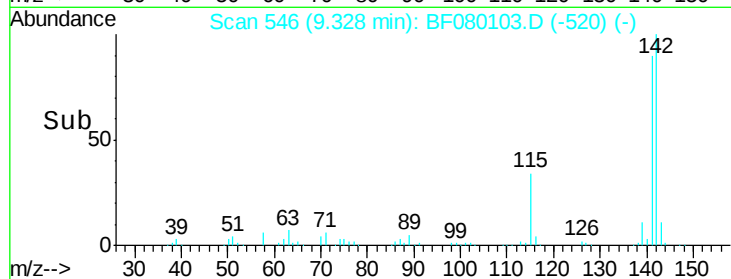
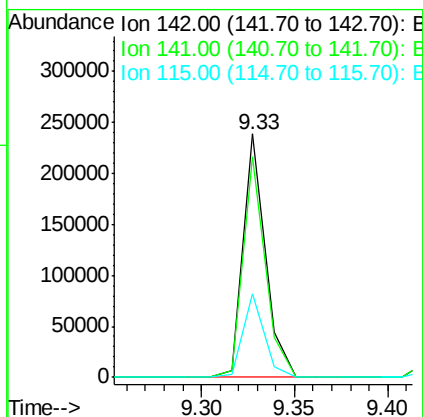
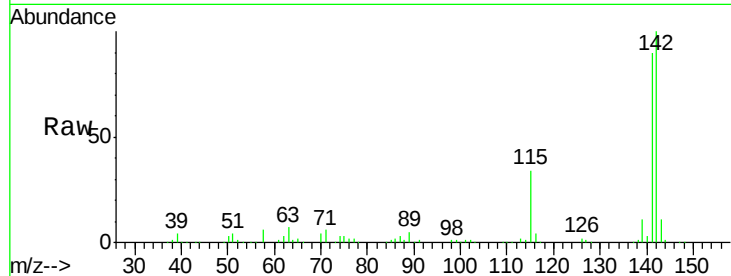




#37
2-Methylnaphthalene
Concen: 29.05 ng
RT: 9.33 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF080103.D
Acq: 22 Jun 2015 19:34

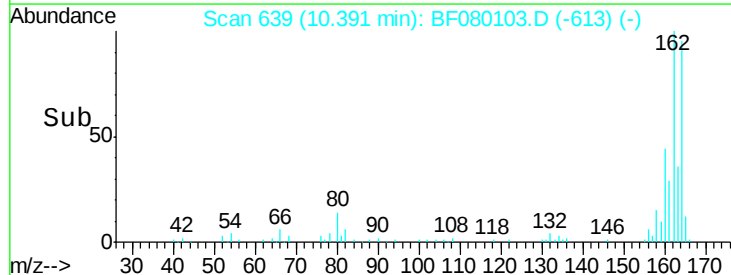
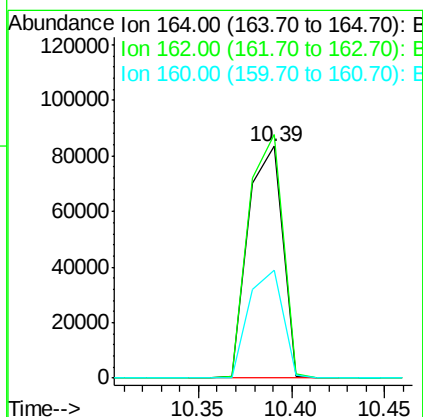
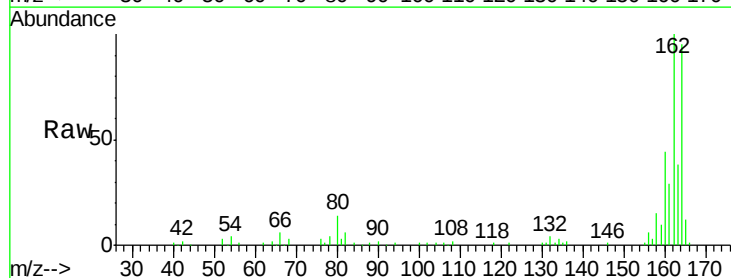
Instrument :
BNA_F
ClientSampleId :
PB84129BS

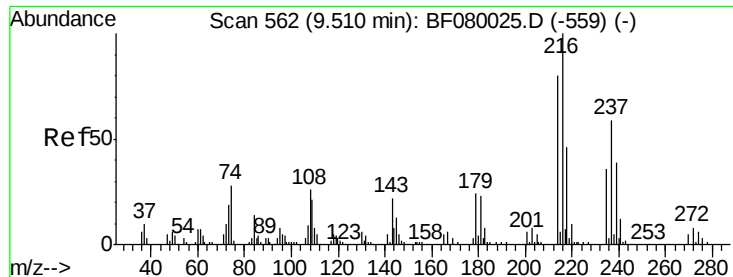
Tgt Ion:142 Resp: 199434
Ion Ratio Lower Upper
142 100
141 90.4 67.5 101.3
115 34.5 18.2 27.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF080103.D
Acq: 22 Jun 2015 19:34

Tgt Ion:164 Resp: 106217
Ion Ratio Lower Upper
164 100
162 105.0 75.2 112.8
160 46.7 31.5 47.3

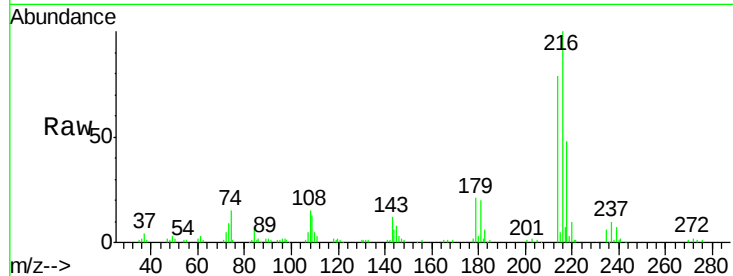




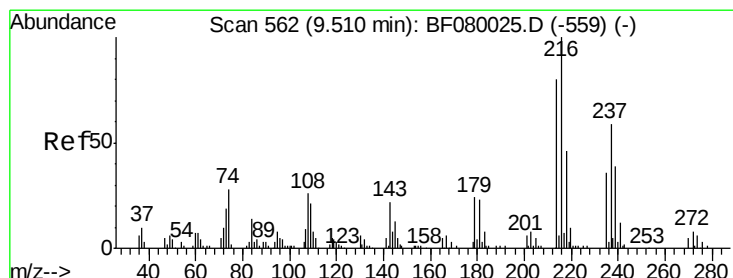
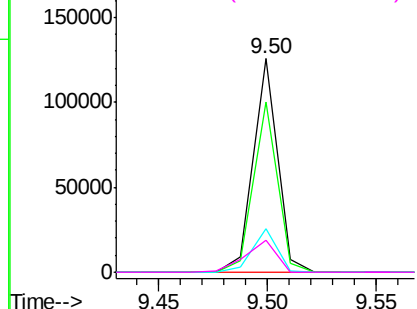
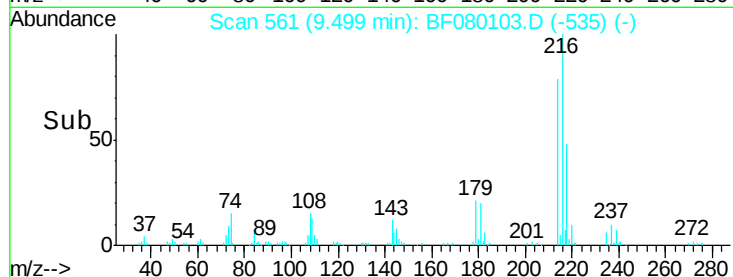
#39
1,2,4,5-Tetrachlorobenzene
Concen: 31.44 ng
RT: 9.50 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF080103.D
Acq: 22 Jun 2015 19:34

Instrument :
BNA_F
ClientSampleId :
PB84129BS

Tgt Ion:	216	Resp:	97167
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.5	95.3
179	20.7	16.6	24.8
108	19.5	16.3	24.5

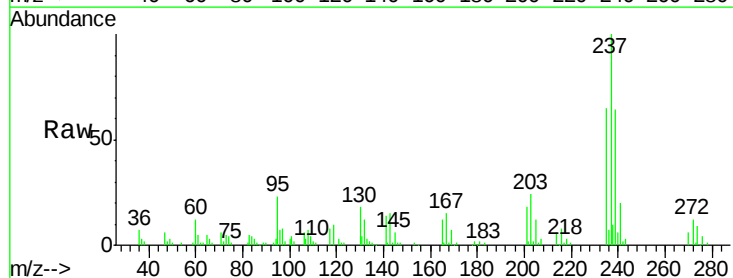


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

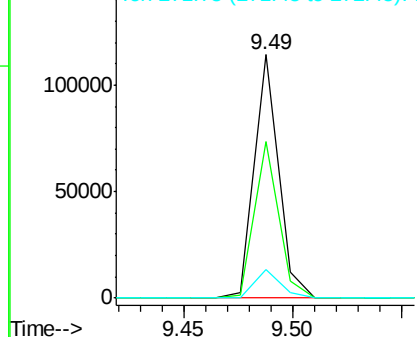
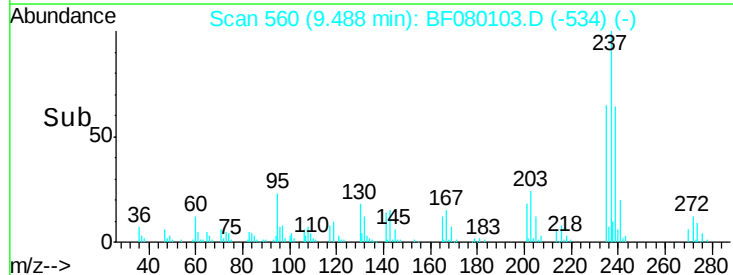


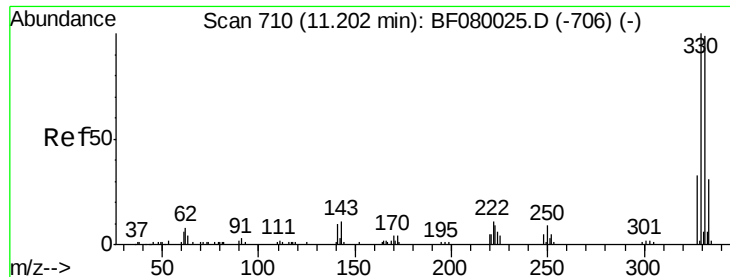
#40
Hexachlorocyclopentadiene
Concen: 57.47 ng
RT: 9.49 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF080103.D
Acq: 22 Jun 2015 19:34

Tgt Ion:	237	Resp:	88381
Ion	Ratio	Lower	Upper
237	100		
235	64.5	42.0	82.0
272	11.9	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

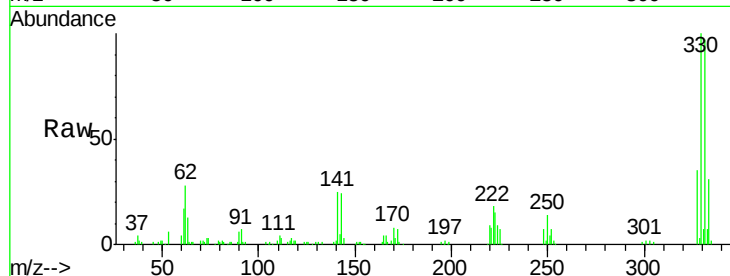




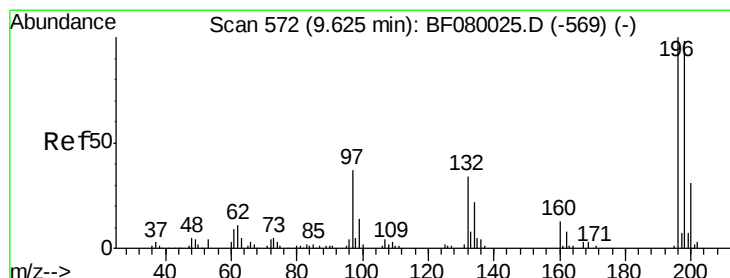
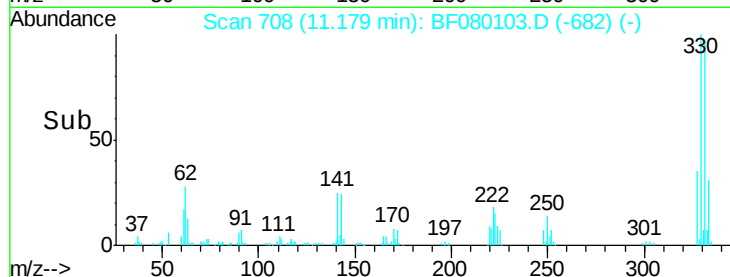
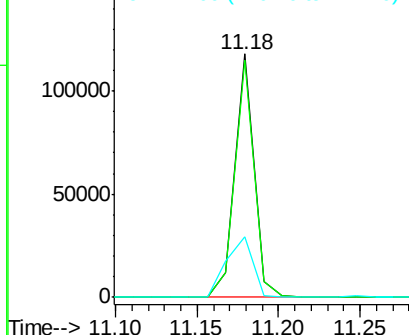
#41
 2,4,6-Tribromophenol
 Concen: 91.46 ng
 RT: 11.18 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: BF080103.D
 Acq: 22 Jun 2015 19:34

Instrument :
 BNA_F
 ClientSampleId :
 PB84129BS

Tgt Ion:330 Resp: 94995
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 114.8
 141 34.9 29.7 44.5

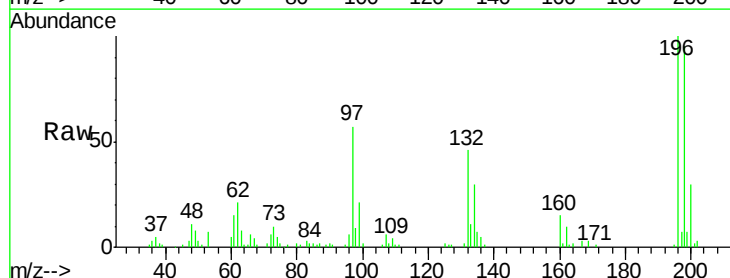


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

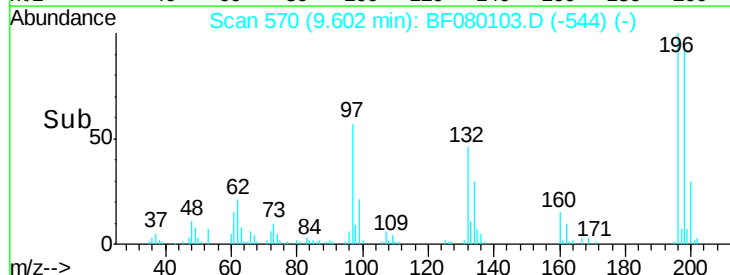
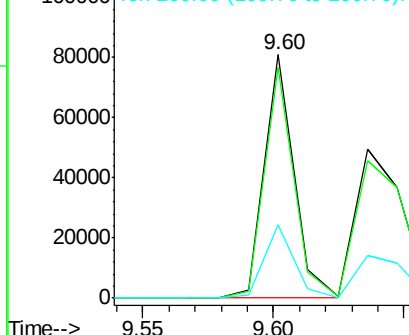


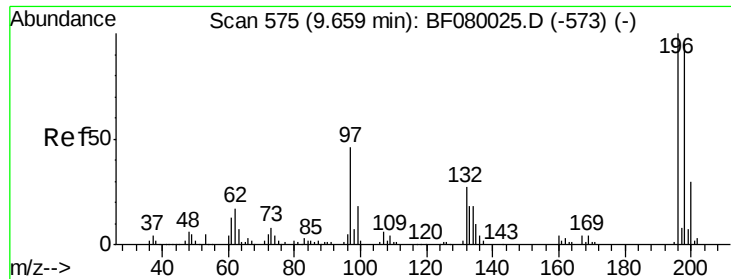
#42
 2,4,6-Trichlorophenol
 Concen: 30.53 ng
 RT: 9.60 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF080103.D
 Acq: 22 Jun 2015 19:34

Tgt Ion:196 Resp: 64198
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.7 113.5
 200 30.3 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

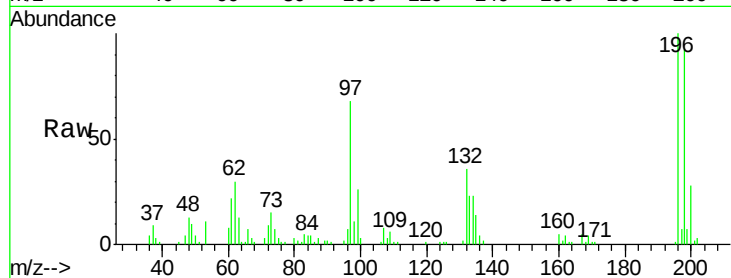




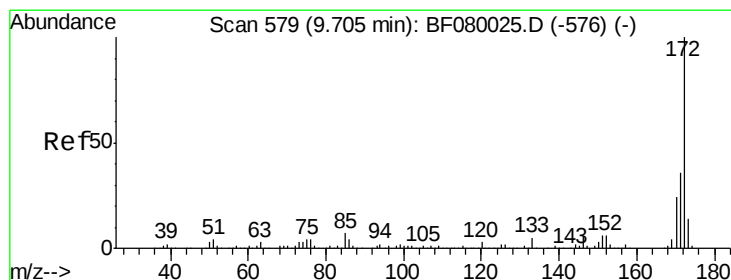
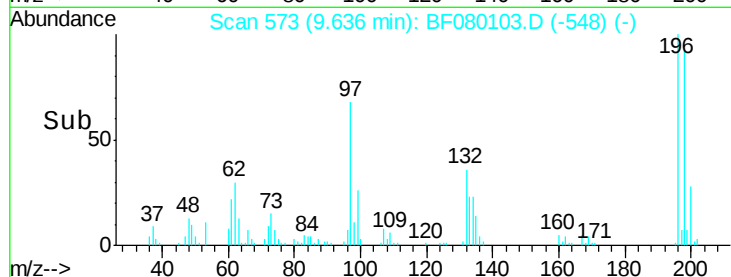
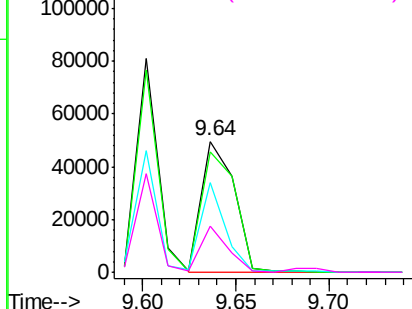
#43
 2,4,5-Trichlorophenol
 Concen: 25.15 ng
 RT: 9.64 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF080103.D
 Acq: 22 Jun 2015 19:34

Instrument :
 BNA_F
 ClientSampleId :
 PB84129BS

Tgt Ion:196 Resp: 60931
 Ion Ratio Lower Upper
 196 100
 198 92.4 75.4 113.0
 97 68.3 33.3 49.9#
 132 35.6 24.6 37.0

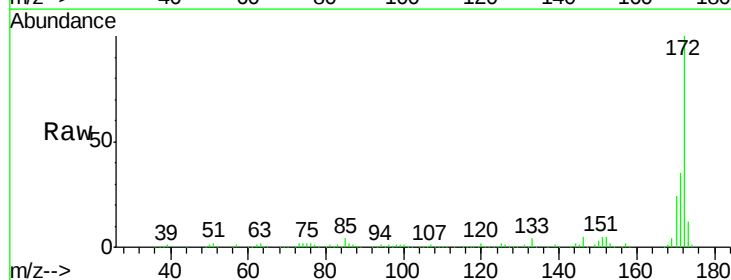


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

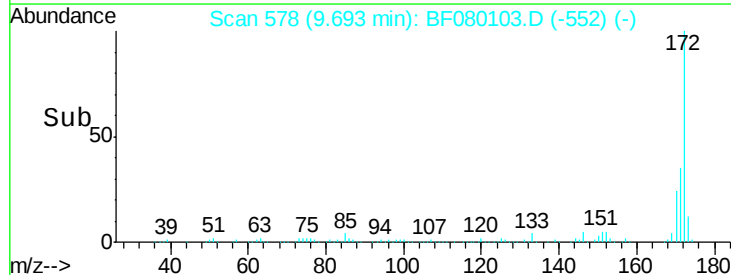
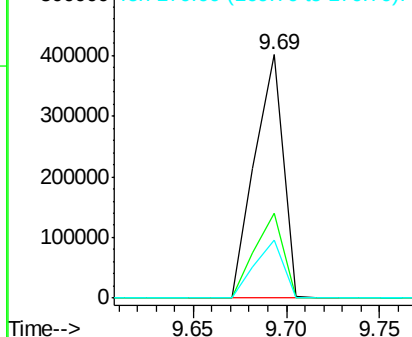


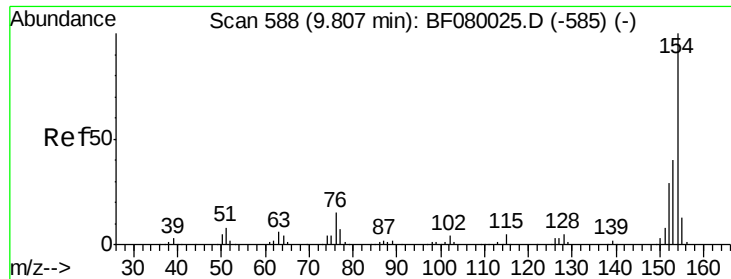
#44
 2-Fluorobiphenyl
 Concen: 56.87 ng
 RT: 9.69 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: BF080103.D
 Acq: 22 Jun 2015 19:34

Tgt Ion:172 Resp: 423601
 Ion Ratio Lower Upper
 172 100
 171 34.8 26.1 39.1
 170 23.9 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

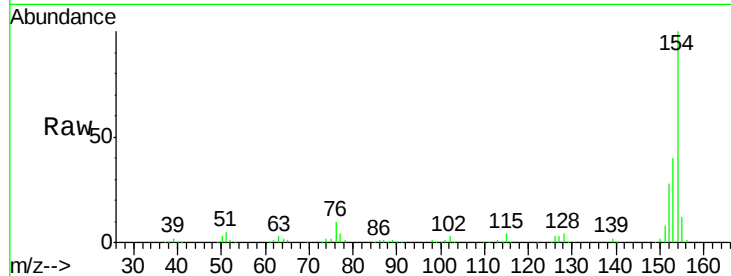




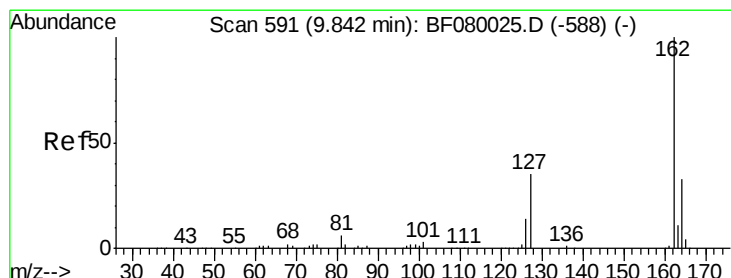
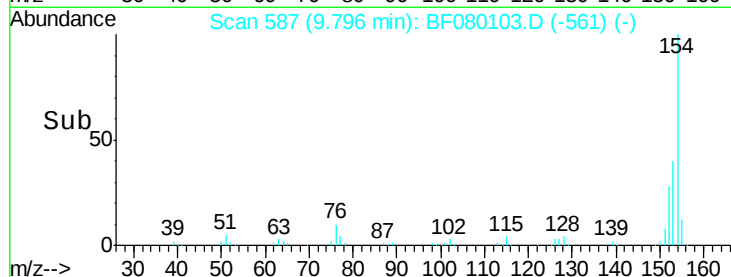
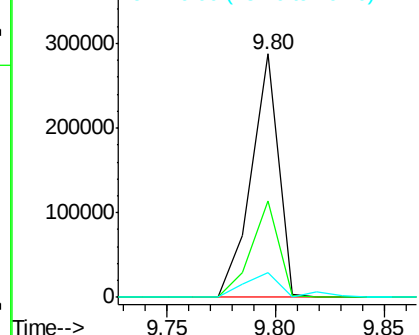
#45
 1,1'-Biphenyl
 Concen: 28.88 ng
 RT: 9.80 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF080103.D
 Acq: 22 Jun 2015 19:34

Instrument :
 BNA_F
 ClientSampleId :
 PB84129BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	17.1	57.1
76	9.9	0.0	31.6

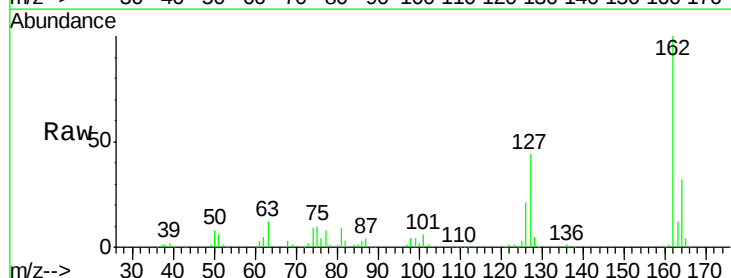


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

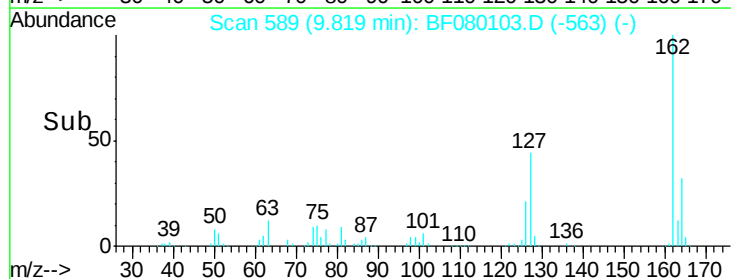
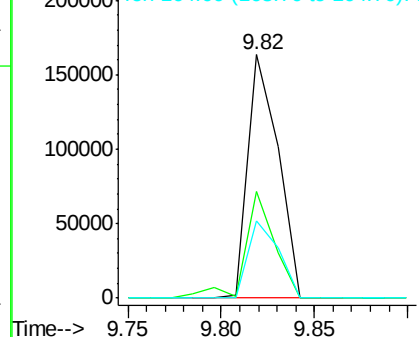


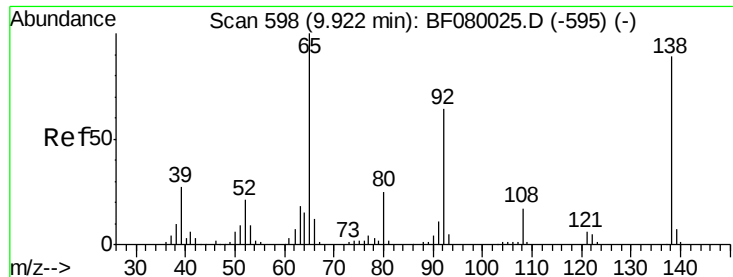
#46
 2-Chloronaphthalene
 Concen: 26.16 ng
 RT: 9.82 min Scan# 589
 Delta R.T. 0.00 min
 Lab File: BF080103.D
 Acq: 22 Jun 2015 19:34

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.8	27.6	41.4#
164	31.9	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

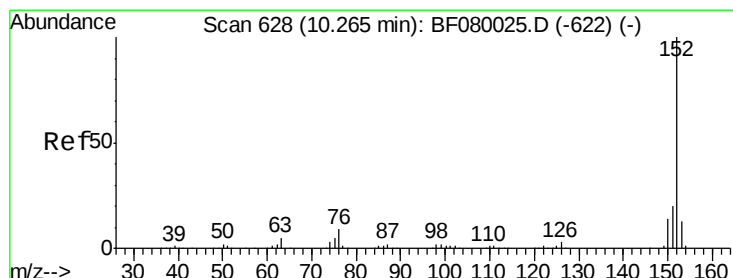
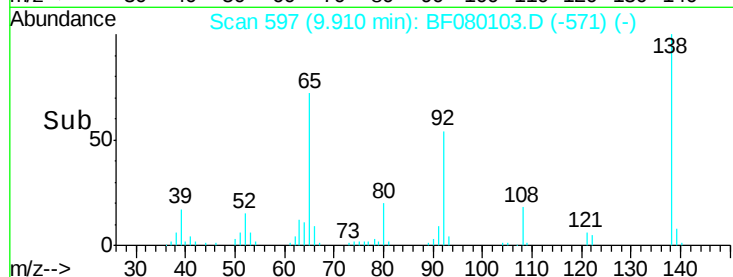
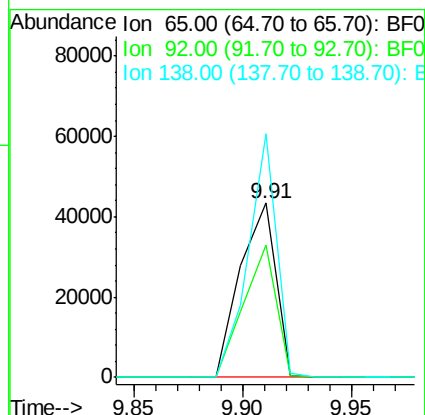
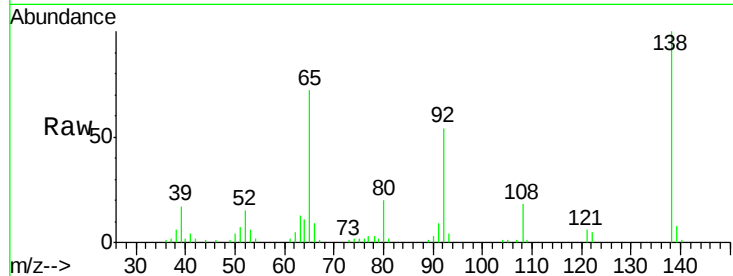




#47
2-Nitroaniline
Concen: 25.57 ng
RT: 9.91 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF080103.D
Acq: 22 Jun 2015 19:34

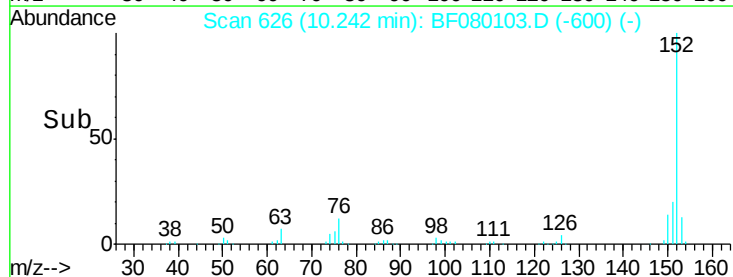
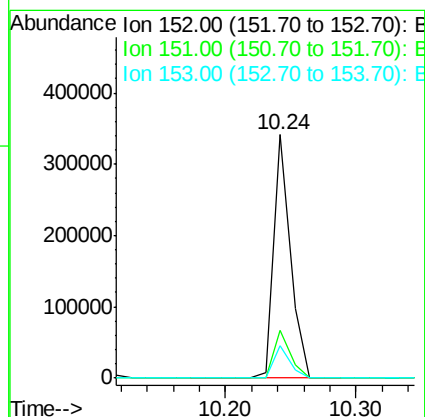
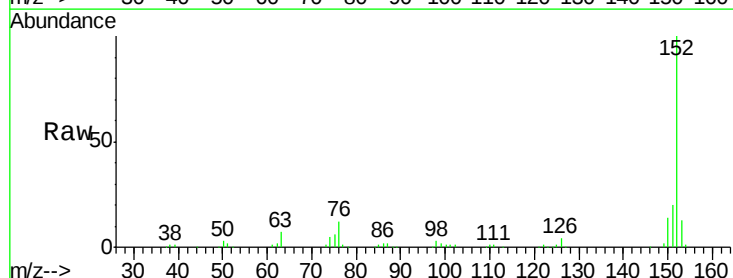
Instrument :
BNA_F
ClientSampleId :
PB84129BS

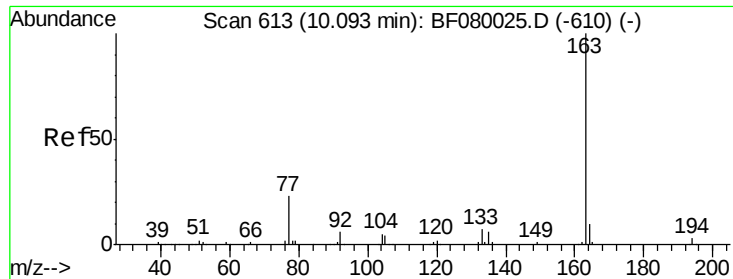
Tgt Ion: 65 Resp: 49224
Ion Ratio Lower Upper
65 100
92 76.2 55.4 83.0
138 139.7 115.5 173.3



#48
Acenaphthylene
Concen: 26.28 ng
RT: 10.24 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF080103.D
Acq: 22 Jun 2015 19:34

Tgt Ion: 152 Resp: 307622
Ion Ratio Lower Upper
152 100
151 19.5 14.6 22.0
153 13.2 10.3 15.5

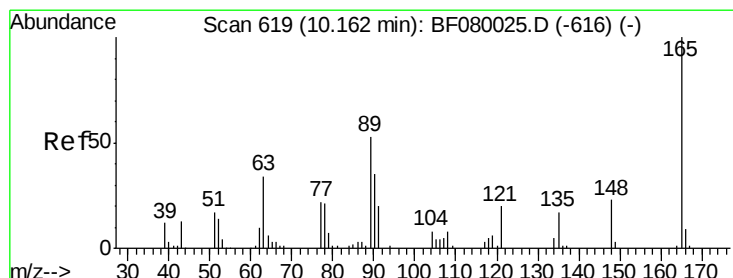
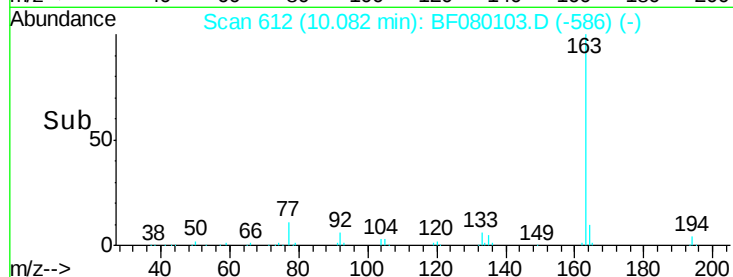
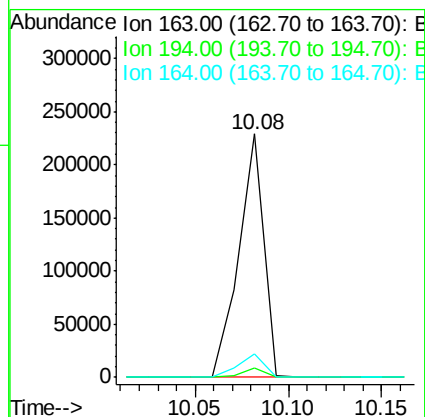
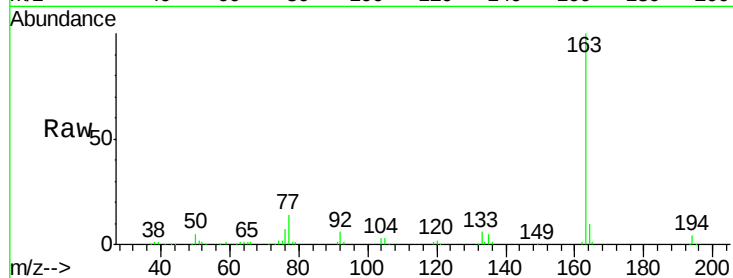




#49
Dimethylphthalate
Concen: 26.95 ng
RT: 10.08 min Scan# 612
Delta R.T. 0.00 min
Lab File: BF080103.D
Acq: 22 Jun 2015 19:34

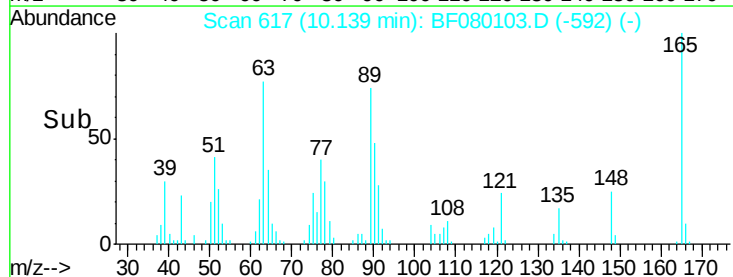
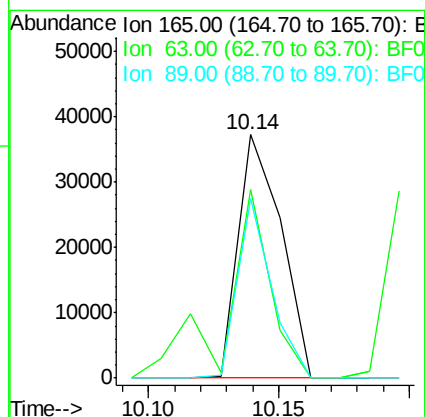
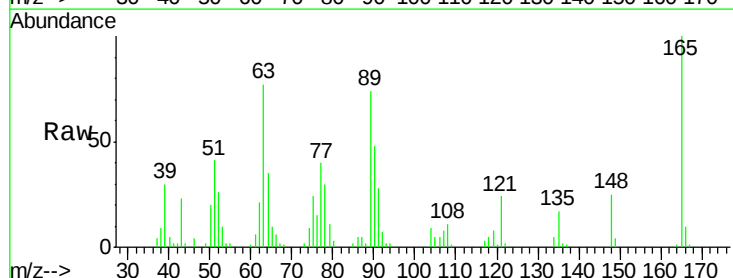
Instrument :
BNA_F
ClientSampleId :
PB84129BS

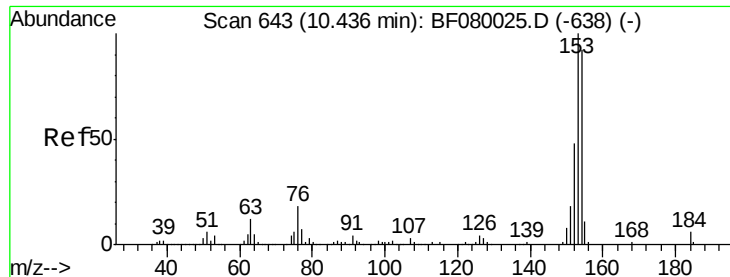
Tgt Ion:163 Resp: 215233
Ion Ratio Lower Upper
163 100
194 3.9 4.4 6.6#
164 9.5 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 26.66 ng
RT: 10.14 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF080103.D
Acq: 22 Jun 2015 19:34

Tgt Ion:165 Resp: 42677
Ion Ratio Lower Upper
165 100
63 77.4 32.3 48.5#
89 74.0 28.6 43.0#





#51

Acenaphthene

Concen: 27.31 ng

RT: 10.41 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

Instrument :

BNA_F

ClientSampleId :

PB84129BS

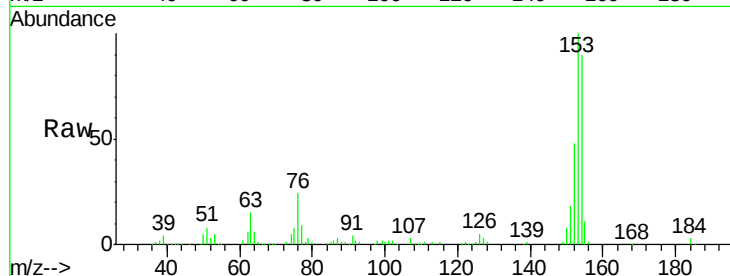
Tgt Ion:154 Resp: 195539

Ion Ratio Lower Upper

154 100

153 110.5 82.1 123.1

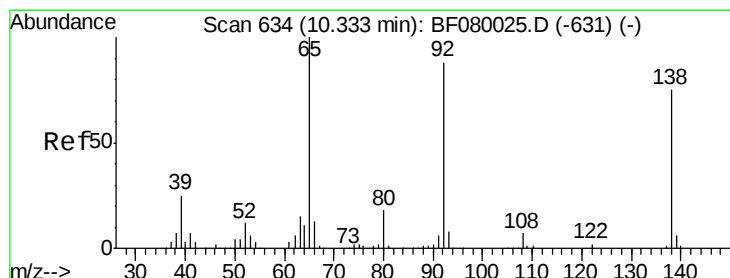
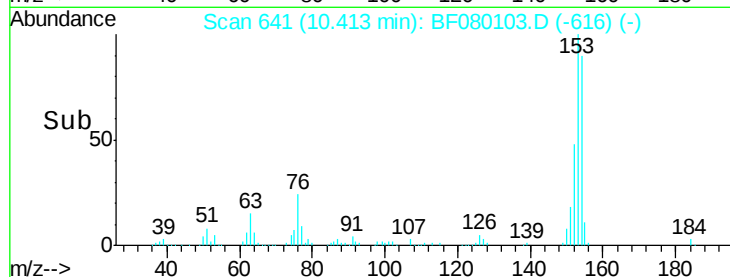
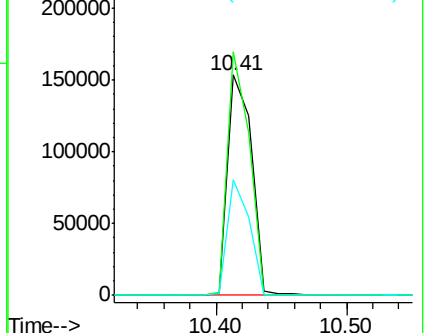
152 52.5 37.9 56.9



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: 18.44 ng

RT: 10.31 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

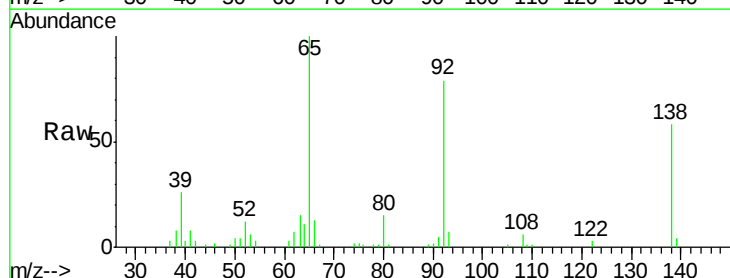
Tgt Ion:138 Resp: 34053

Ion Ratio Lower Upper

138 100

108 10.5 5.7 8.5#

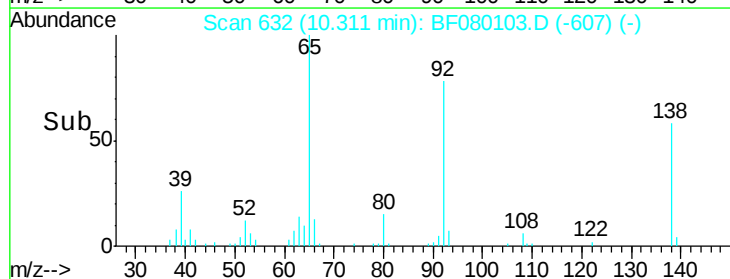
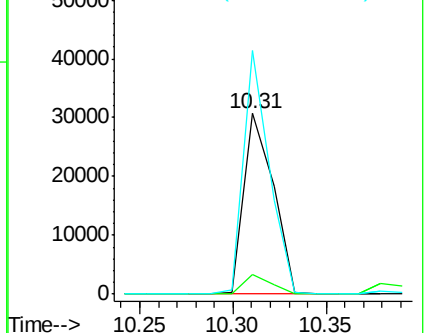
92 135.0 67.7 101.5#

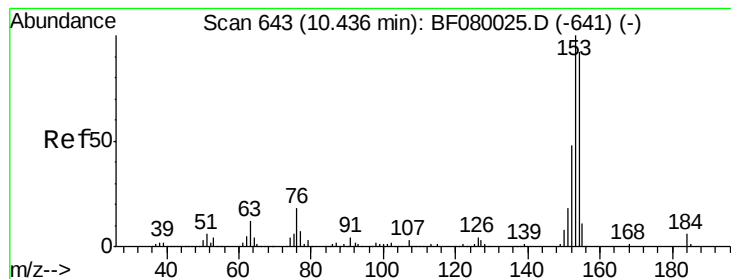


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 60.75 ng

RT: 10.42 min Scan# 642

Delta R.T. 0.00 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

Instrument :

BNA_F

ClientSampleId :

PB84129BS

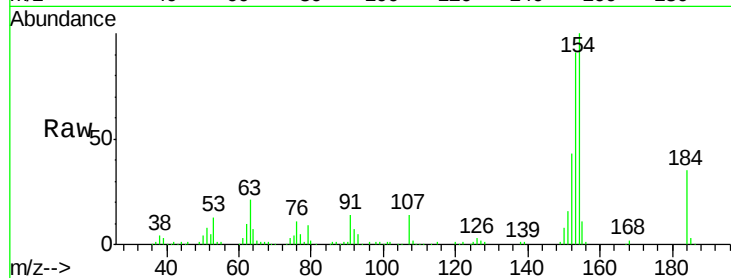
Tgt Ion:184 Resp: 38597

Ion Ratio Lower Upper

184 100

63 57.9 35.4 53.2#

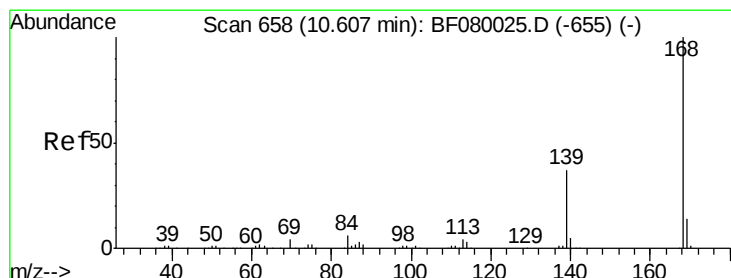
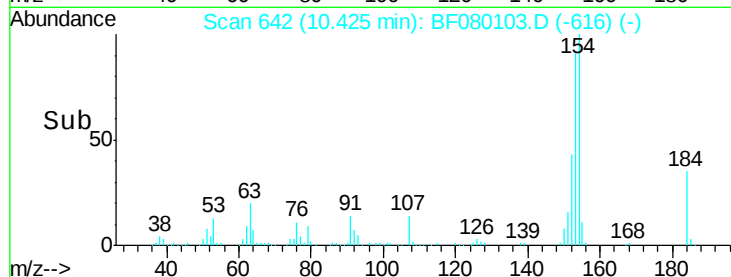
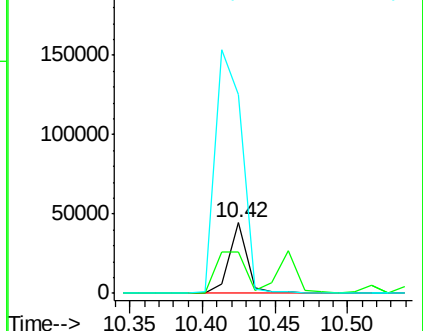
154 281.8 32.2 48.4#



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: 26.21 ng

RT: 10.58 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

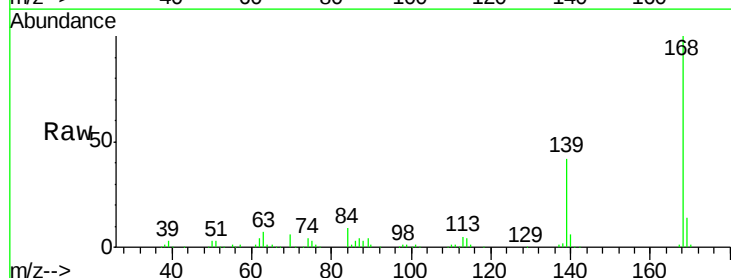
Tgt Ion:168 Resp: 266282

Ion Ratio Lower Upper

168 100

139 41.7 24.2 36.2#

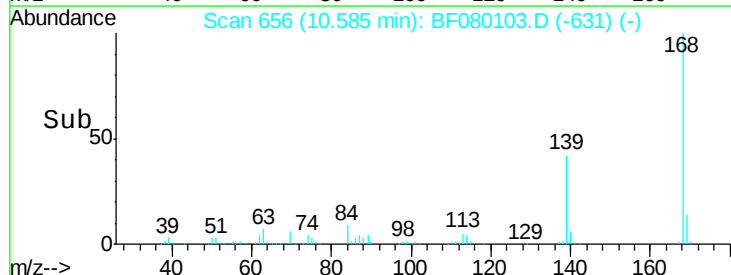
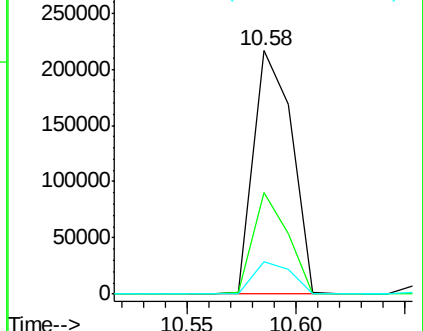
169 13.6 10.6 15.8

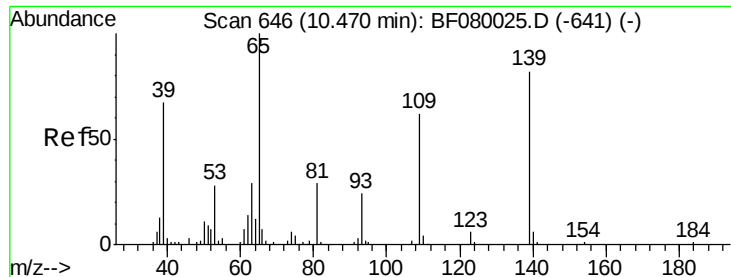


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

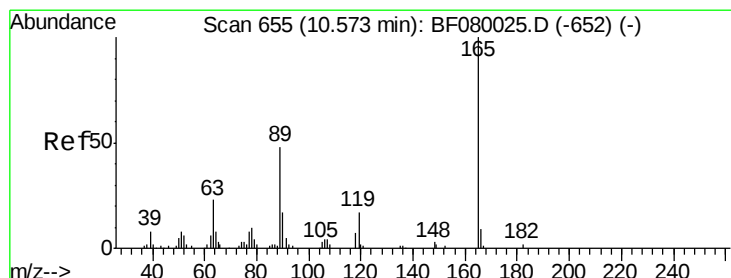
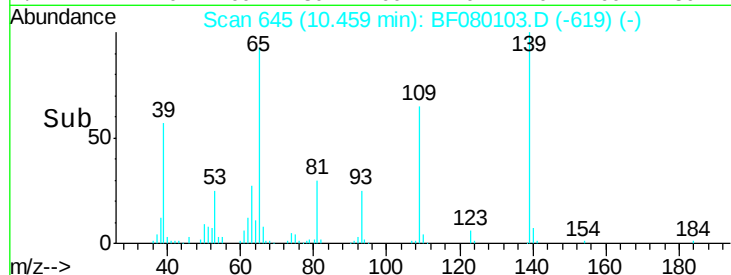
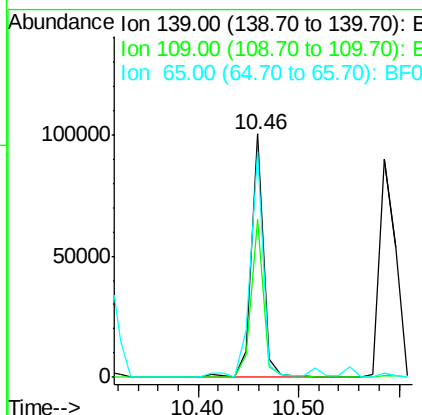
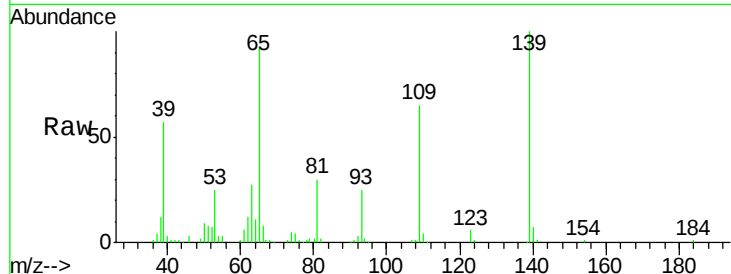




#55
4-Nitrophenol
Concen: 57.43 ng
RT: 10.46 min Scan# 645
Delta R.T. 0.00 min
Lab File: BF080103.D
Acq: 22 Jun 2015 19:34

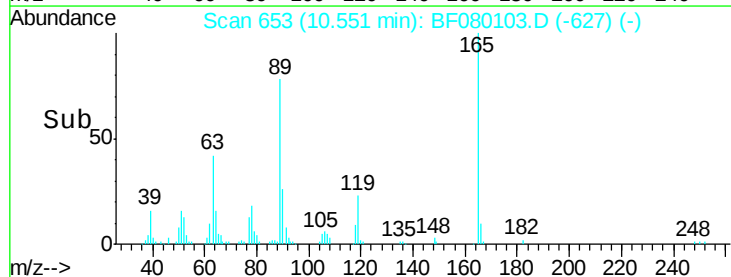
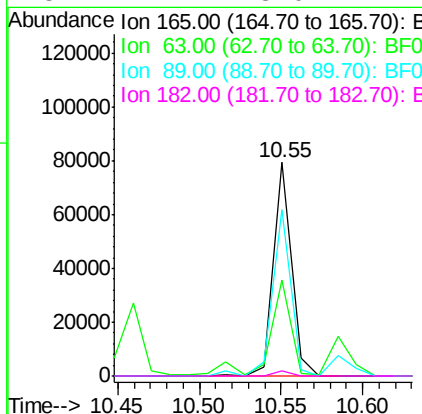
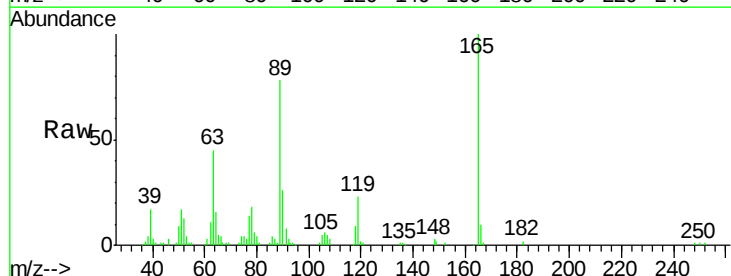
Instrument :
BNA_F
ClientSampleId :
PB84129BS

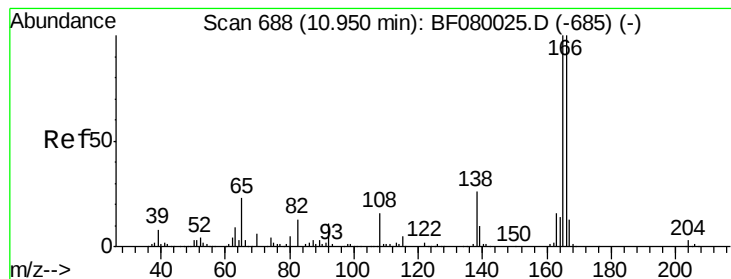
Tgt Ion:139 Resp: 84794
Ion Ratio Lower Upper
139 100
109 64.8 12.7 52.7#
65 92.9 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 30.52 ng
RT: 10.55 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF080103.D
Acq: 22 Jun 2015 19:34

Tgt Ion:165 Resp: 62002
Ion Ratio Lower Upper
165 100
63 45.2 29.8 44.6#
89 77.7 44.5 66.7#
182 2.1 3.0 4.4#





#57

Fluorene

Concen: 28.99 ng

RT: 10.94 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

Instrument :

BNA_F

ClientSampleId :

PB84129BS

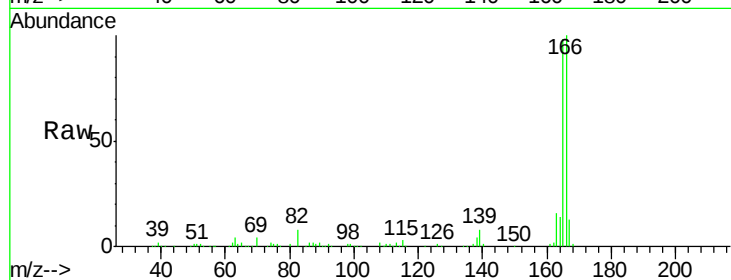
Tgt Ion:166 Resp: 233668

Ion Ratio Lower Upper

166 100

165 98.2 72.6 109.0

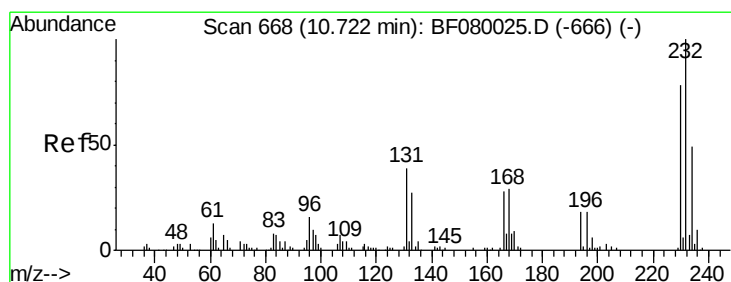
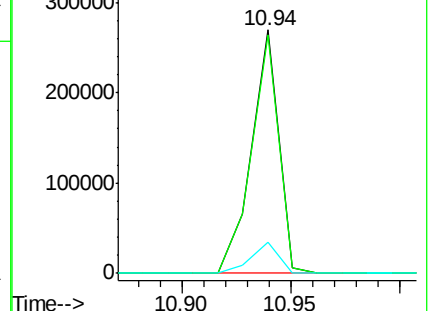
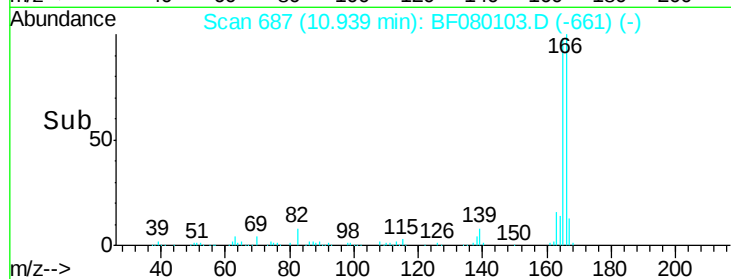
167 13.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 26.05 ng

RT: 10.71 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

Tgt Ion:232 Resp: 53286

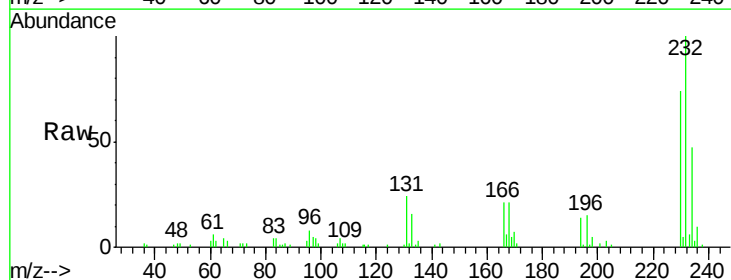
Ion Ratio Lower Upper

232 100

131 44.9 38.5 57.7

130 2.3 1.8 2.6

166 30.6 25.0 37.6

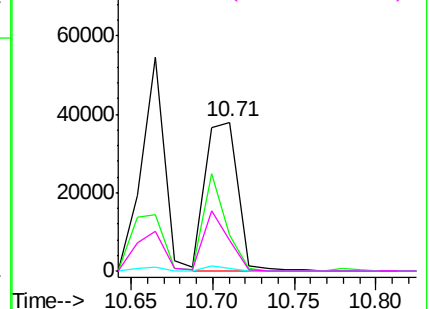
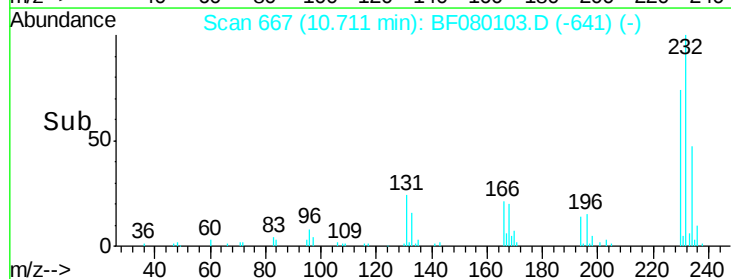


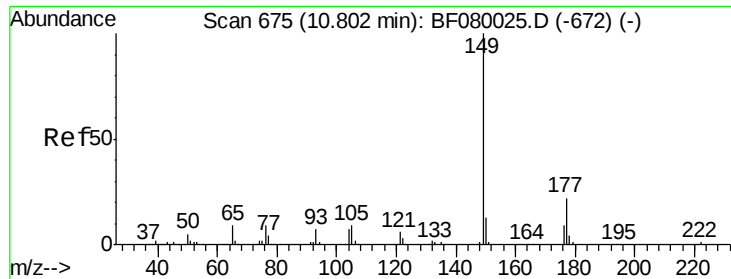
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

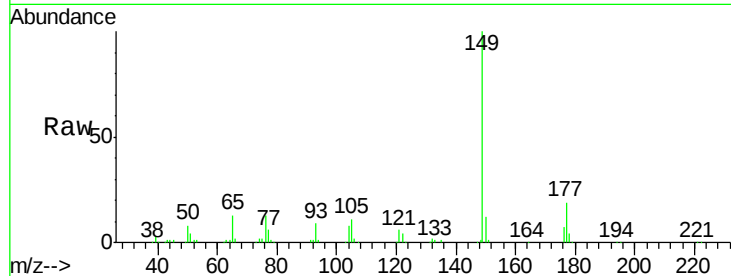




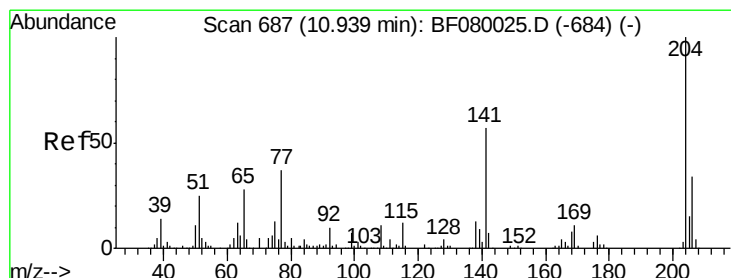
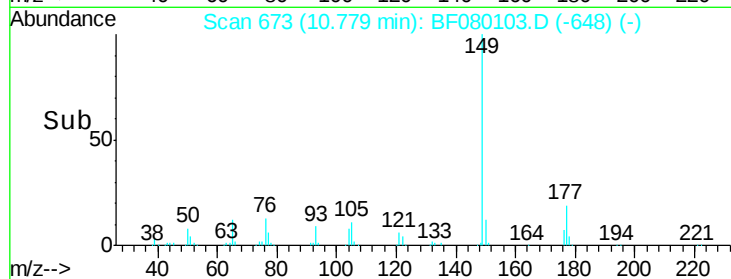
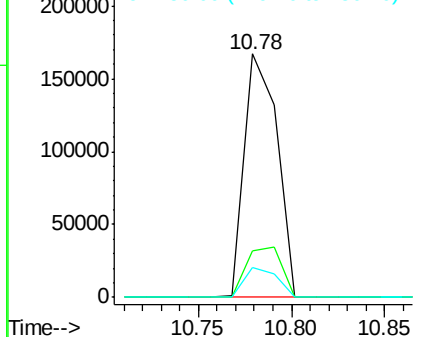
#59
Diethylphthalate
Concen: 25.64 ng
RT: 10.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF080103.D
Acq: 22 Jun 2015 19:34

Instrument :
BNA_F
ClientSampleId :
PB84129BS

Tgt Ion:149 Resp: 206191
Ion Ratio Lower Upper
149 100
177 19.2 17.5 26.3
150 12.3 9.4 14.2

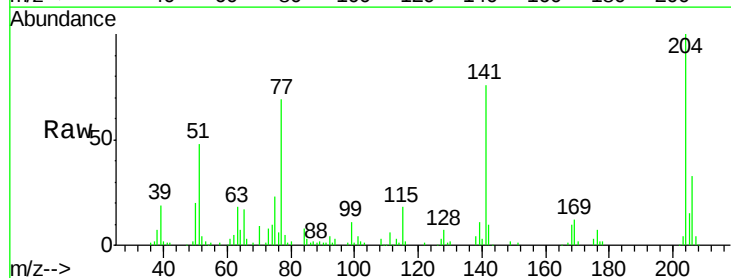


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

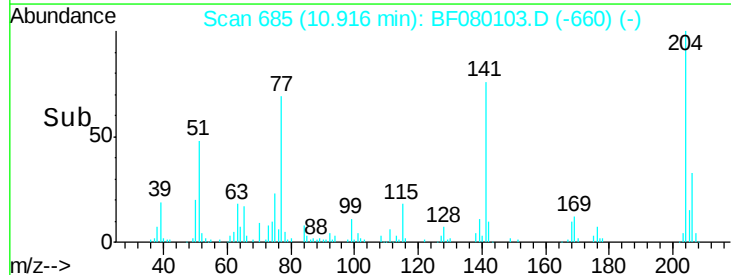
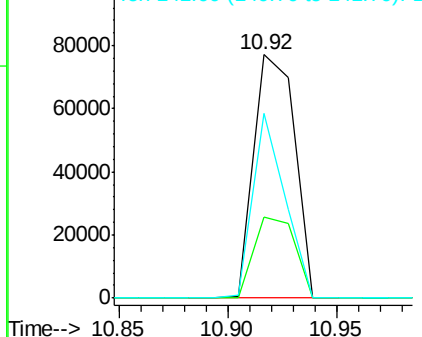


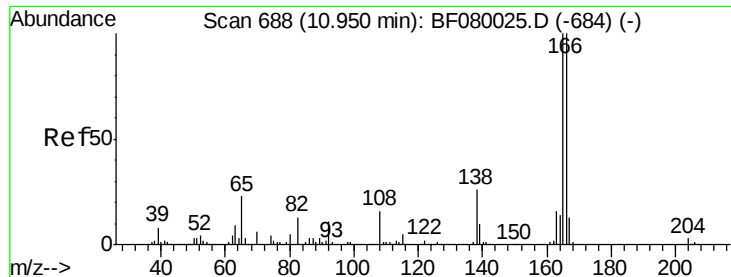
#60
4-Chlorophenyl-phenylether
Concen: 26.13 ng
RT: 10.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF080103.D
Acq: 22 Jun 2015 19:34

Tgt Ion:204 Resp: 101222
Ion Ratio Lower Upper
204 100
206 33.0 24.8 37.2
141 75.7 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: 25.92 ng

RT: 10.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

Instrument :

BNA_F

ClientSampleId :

PB84129BS

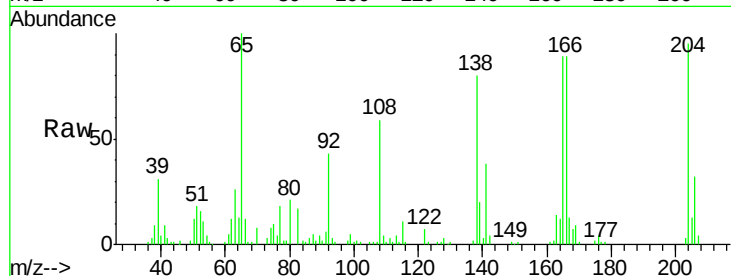
Tgt Ion: 138 Resp: 49442

Ion Ratio Lower Upper

138 100

92 54.2 12.6 52.6#

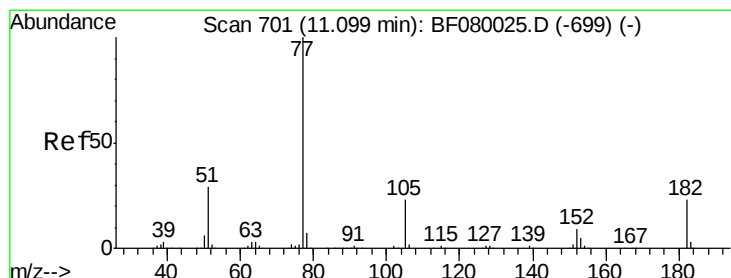
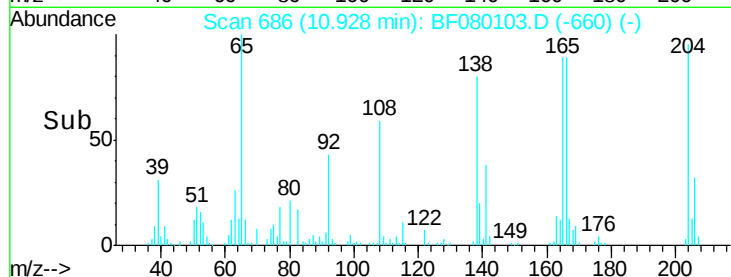
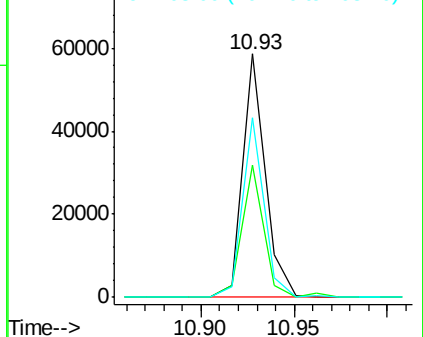
108 73.7 12.4 52.4#



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: 25.60 ng

RT: 11.08 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

Tgt Ion: 77 Resp: 209569

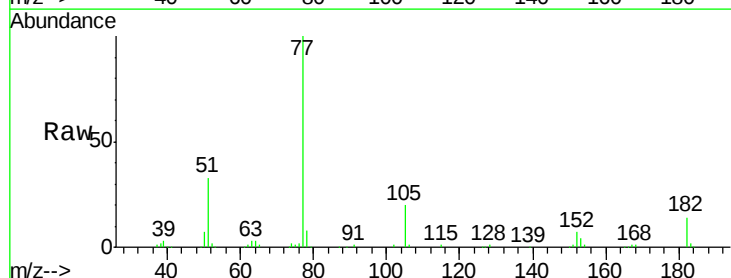
Ion Ratio Lower Upper

77 100

182 14.3 15.1 55.1#

105 19.6 3.4 43.4

51 32.5 12.0 52.0

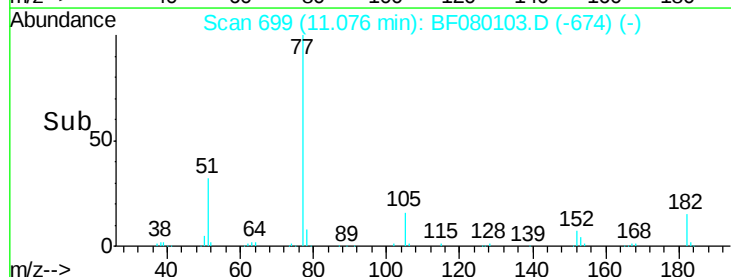
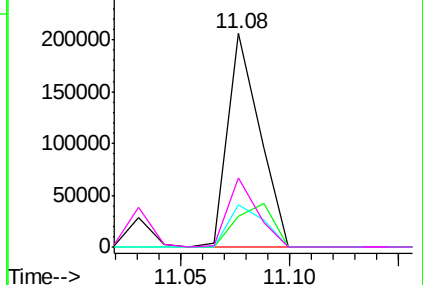


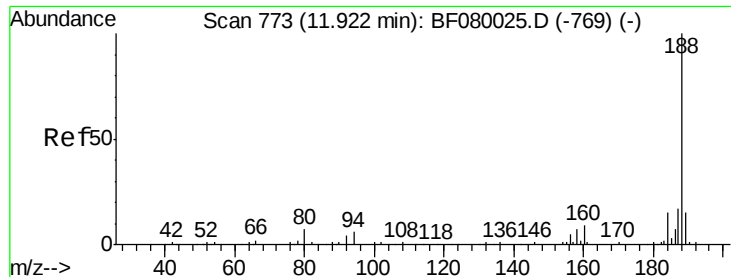
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

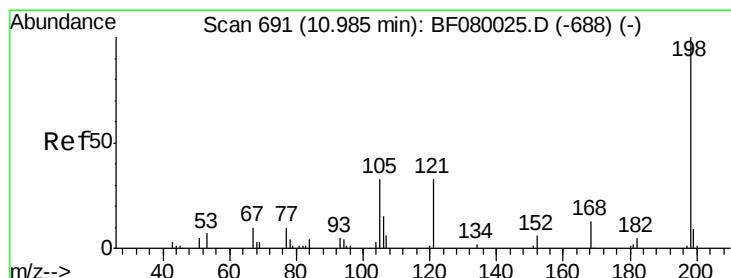
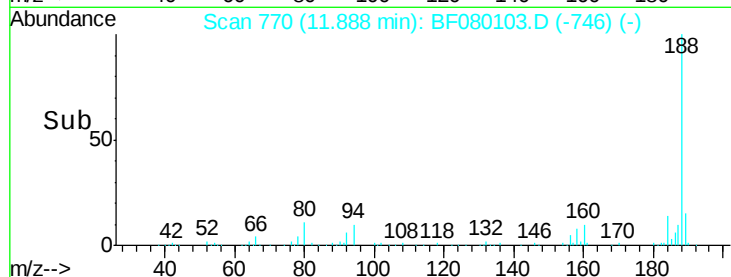
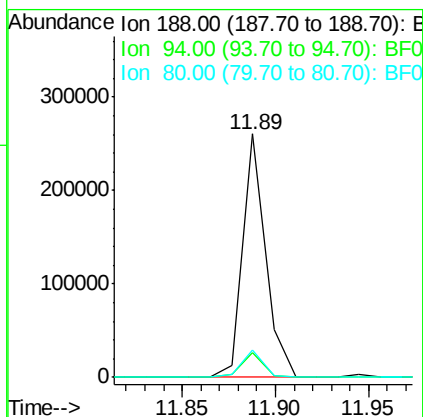
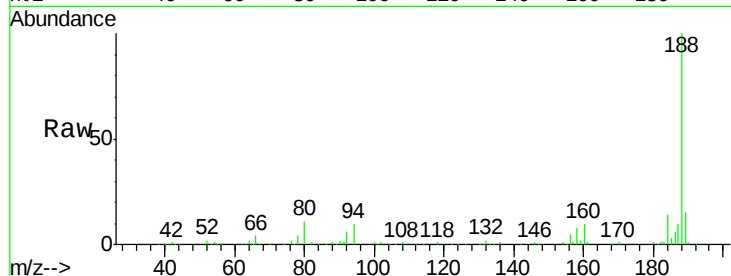




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.89 min Scan# 770
 Delta R.T. -0.02 min
 Lab File: BF080103.D
 Acq: 22 Jun 2015 19:34

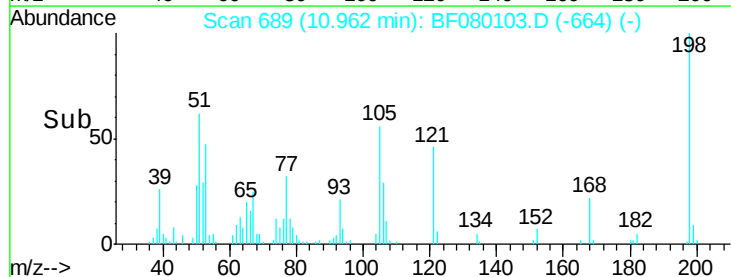
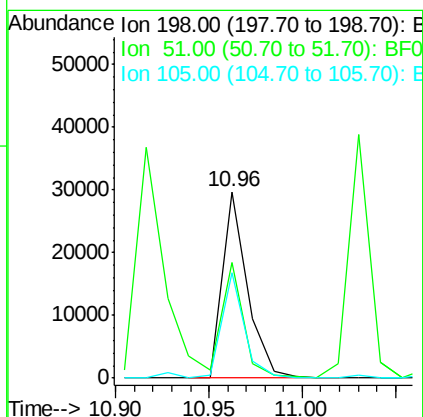
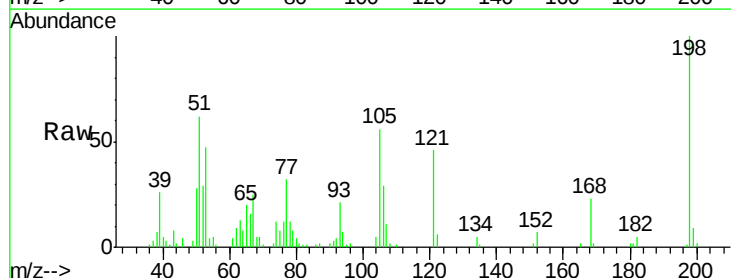
Instrument :
 BNA_F
 ClientSampleId :
 PB84129BS

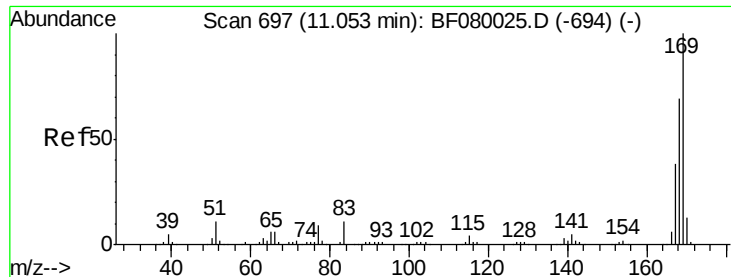
Tgt Ion:188 Resp: 223354
 Ion Ratio Lower Upper
 188 100
 94 10.4 11.1 16.7#
 80 11.2 11.0 16.4



#64
 4,6-Dinitro-2-methylphenol
 Concen: 29.48 ng
 RT: 10.96 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: BF080103.D
 Acq: 22 Jun 2015 19:34

Tgt Ion:198 Resp: 27857
 Ion Ratio Lower Upper
 198 100
 51 62.0 39.6 79.6
 105 56.5 28.5 68.5

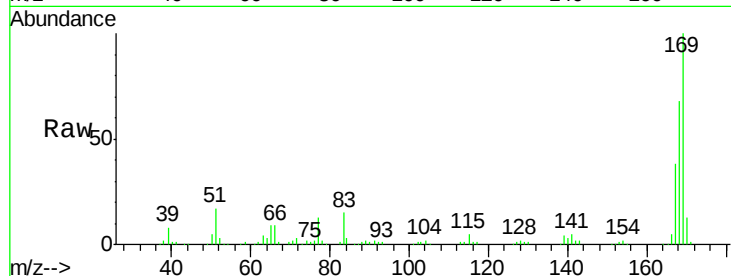




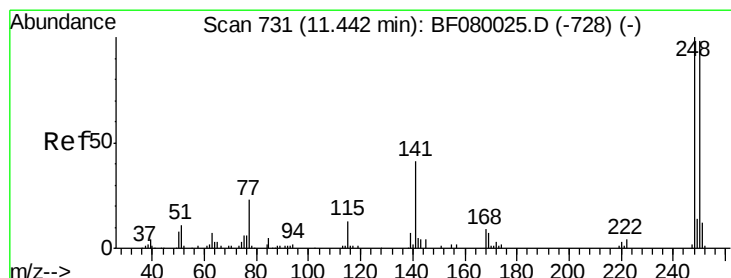
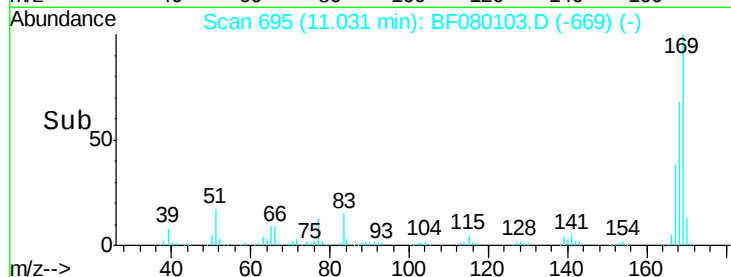
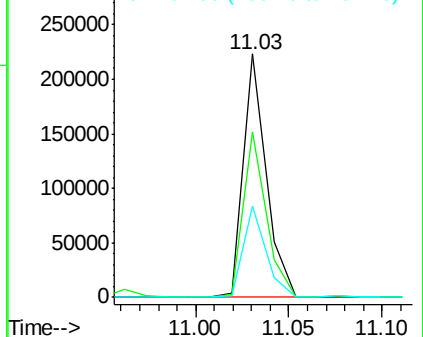
#65
 n-Nitrosodiphenylamine
 Concen: 26.28 ng
 RT: 11.03 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF080103.D
 Acq: 22 Jun 2015 19:34

Instrument :
 BNA_F
 ClientSampleId :
 PB84129BS

Tgt Ion:169 Resp: 191102
 Ion Ratio Lower Upper
 169 100
 168 68.1 48.9 73.3
 167 37.6 26.2 39.4

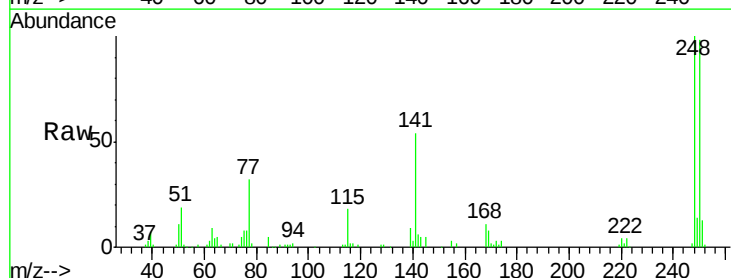


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

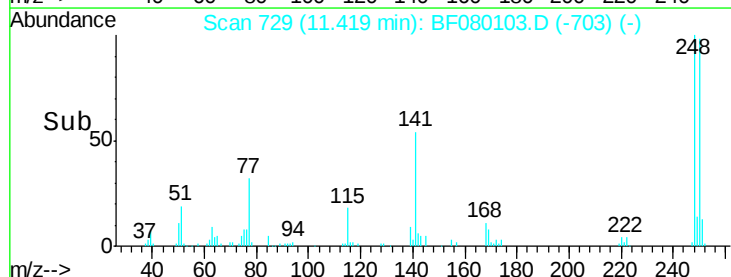
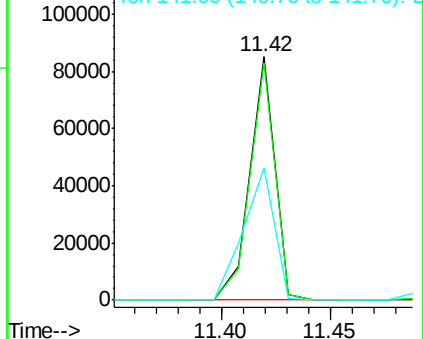


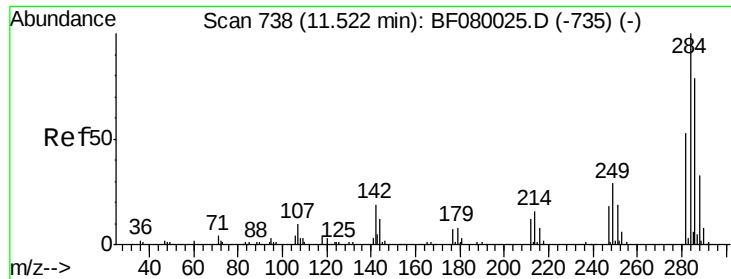
#66
 4-Bromophenyl-phenylether
 Concen: 28.64 ng
 RT: 11.42 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: BF080103.D
 Acq: 22 Jun 2015 19:34

Tgt Ion:248 Resp: 68010
 Ion Ratio Lower Upper
 248 100
 250 97.6 78.5 117.7
 141 54.5 59.0 88.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

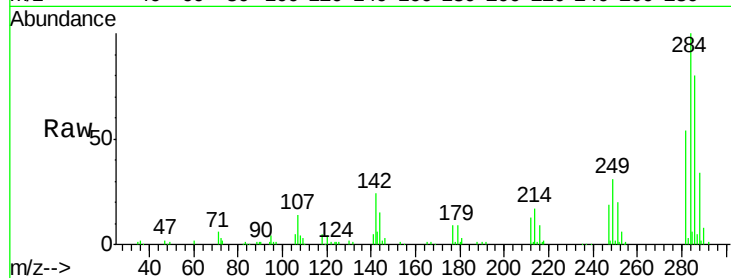




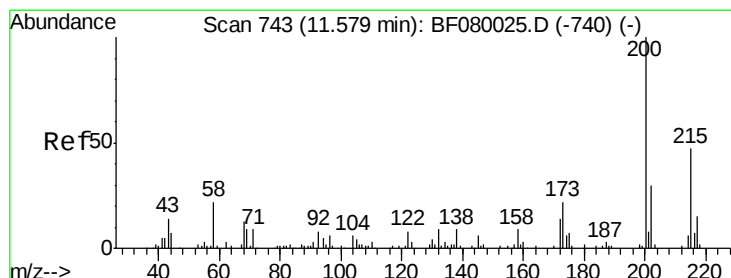
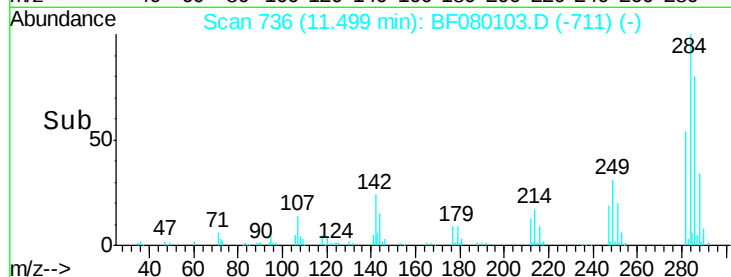
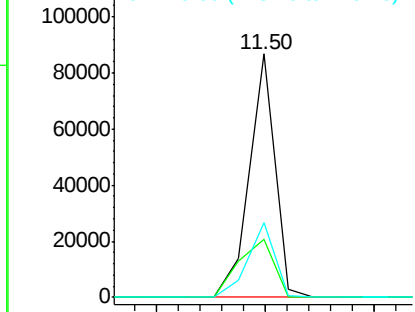
#67
Hexachlorobenzene
Concen: 26.93 ng
RT: 11.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF080103.D
Acq: 22 Jun 2015 19:34

Instrument :
BNA_F
ClientSampleId :
PB84129BS

Tgt Ion:284 Resp: 71069
Ion Ratio Lower Upper
284 100
142 23.8 29.5 44.3#
249 30.7 19.5 29.3#

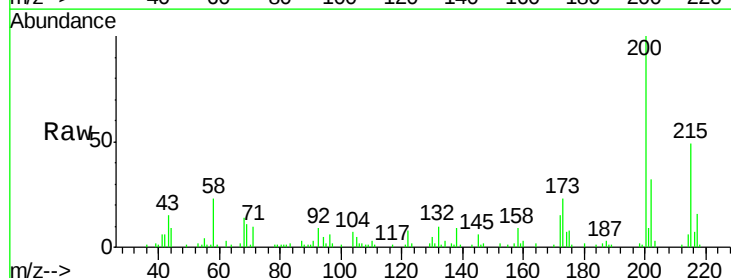


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

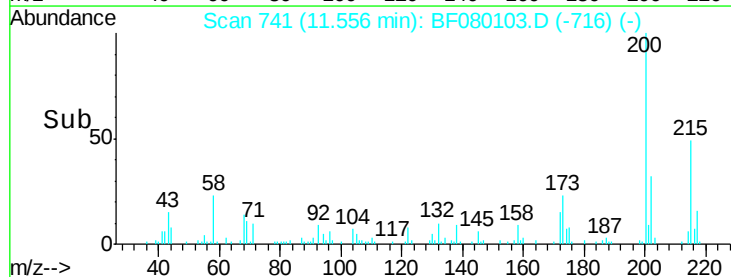
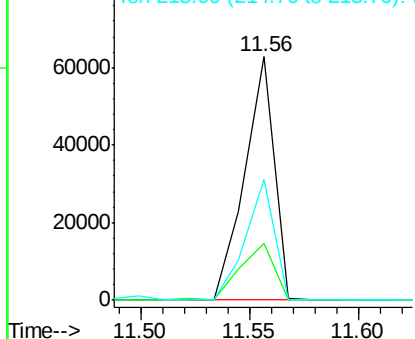


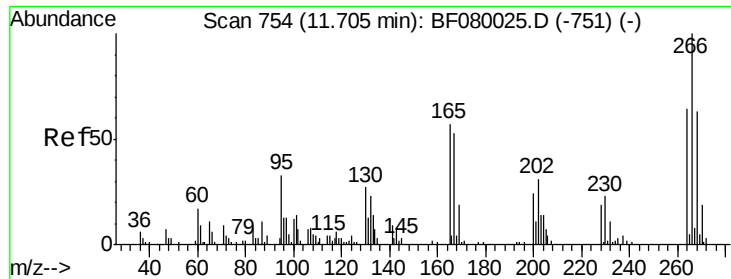
#68
Atrazine
Concen: 25.78 ng
RT: 11.56 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF080103.D
Acq: 22 Jun 2015 19:34

Tgt Ion:200 Resp: 59236
Ion Ratio Lower Upper
200 100
173 23.5 13.2 53.2
215 49.4 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

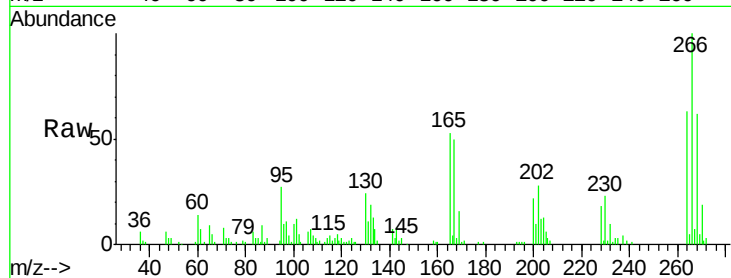




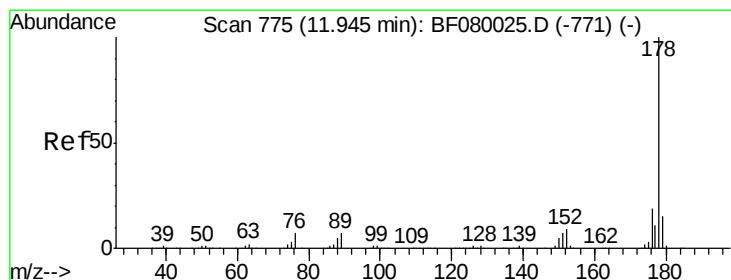
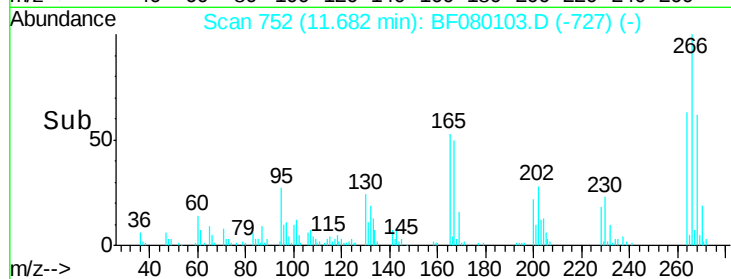
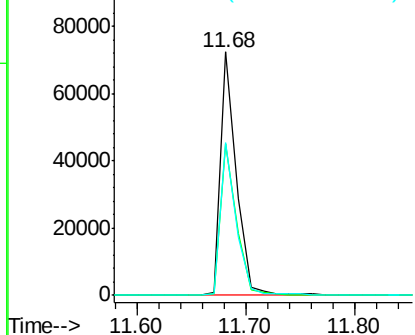
#69
 Pentachlorophenol
 Concen: 49.45 ng
 RT: 11.68 min Scan# 752
 Delta R.T. -0.01 min
 Lab File: BF080103.D
 Acq: 22 Jun 2015 19:34

Instrument :
 BNA_F
 ClientSampleId :
 PB84129BS

Tgt Ion: 266 Resp: 73968
 Ion Ratio Lower Upper
 266 100
 268 62.4 49.8 74.6
 264 62.5 50.2 75.2

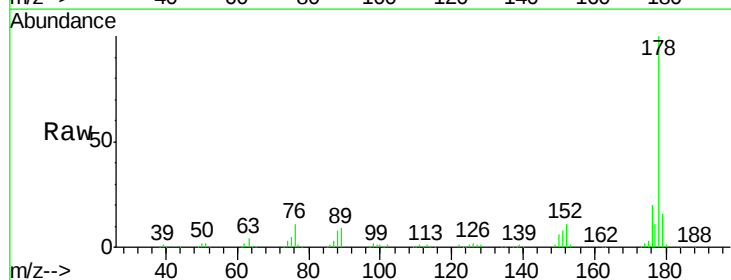


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

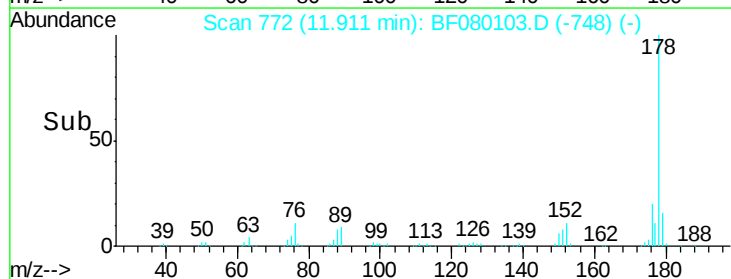
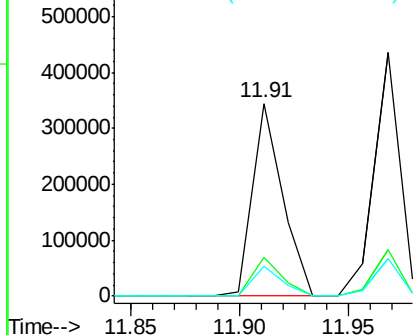


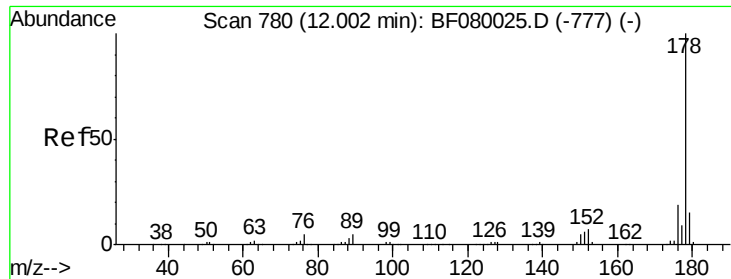
#70
 Phenanthrene
 Concen: 24.56 ng
 RT: 11.91 min Scan# 772
 Delta R.T. -0.02 min
 Lab File: BF080103.D
 Acq: 22 Jun 2015 19:34

Tgt Ion: 178 Resp: 332133
 Ion Ratio Lower Upper
 178 100
 176 19.9 13.8 20.8
 179 15.7 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

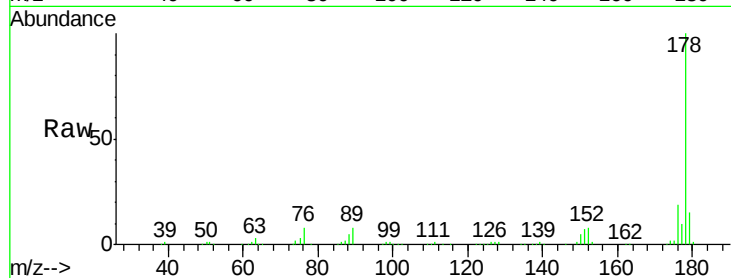




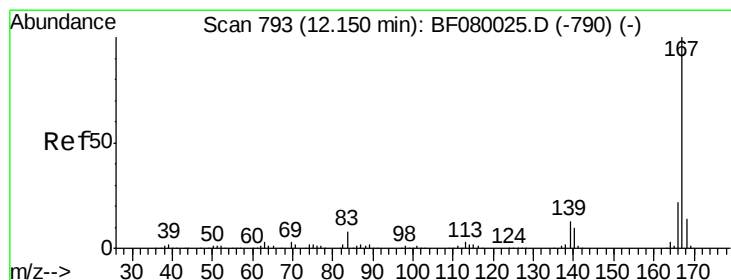
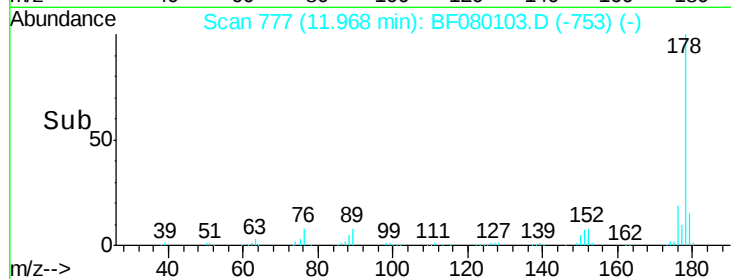
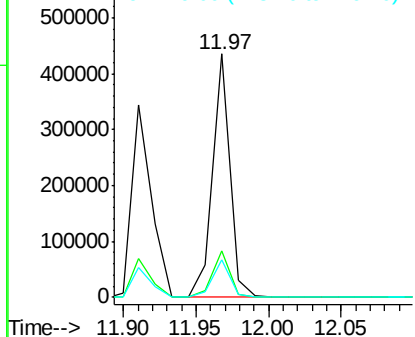
#71
 Anthracene
 Concen: 27.77 ng
 RT: 11.97 min Scan# 777
 Delta R.T. -0.02 min
 Lab File: BF080103.D
 Acq: 22 Jun 2015 19:34

Instrument :
 BNA_F
 ClientSampleId :
 PB84129BS

Tgt Ion:178 Resp: 361524
 Ion Ratio Lower Upper
 178 100
 176 19.2 14.1 21.1
 179 15.2 12.2 18.2

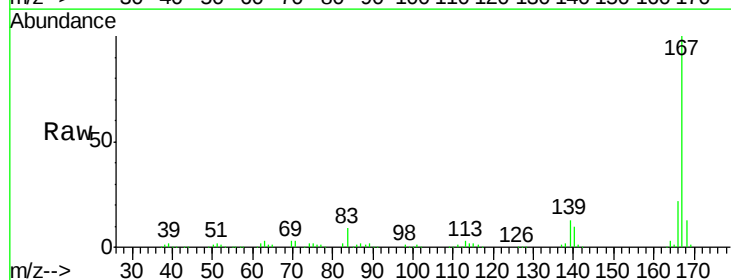


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

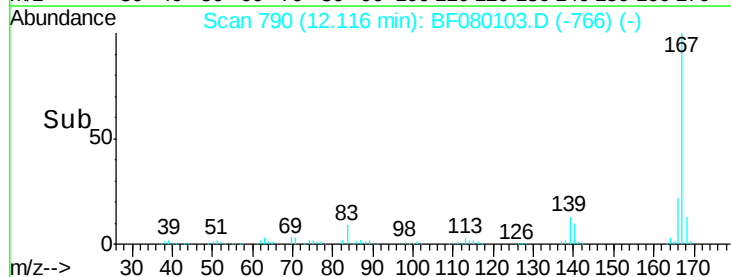
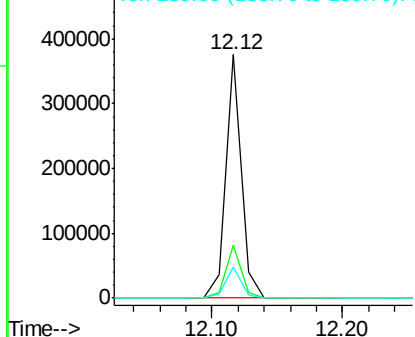


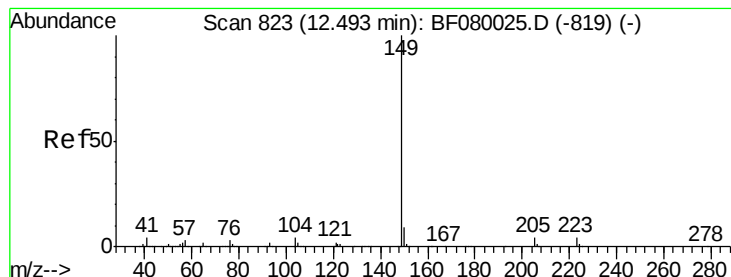
#72
 Carbazole
 Concen: 25.10 ng
 RT: 12.12 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BF080103.D
 Acq: 22 Jun 2015 19:34

Tgt Ion:167 Resp: 312017
 Ion Ratio Lower Upper
 167 100
 166 21.8 15.7 23.5
 139 12.8 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: 25.44 ng

RT: 12.45 min Scan# 819

Delta R.T. -0.03 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

Instrument :

BNA_F

ClientSampleId :

PB84129BS

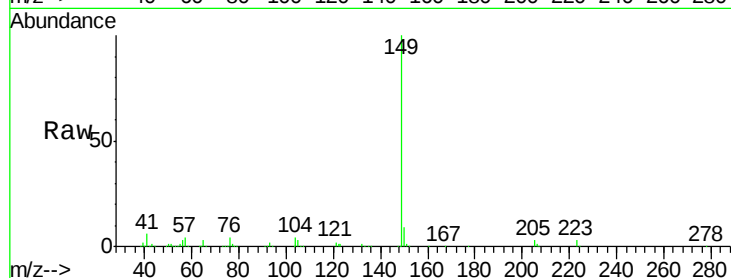
Tgt Ion:149 Resp: 365370

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

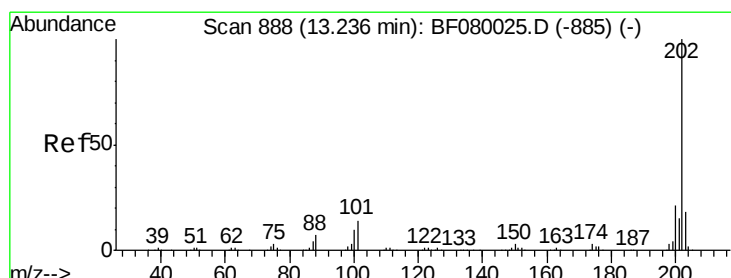
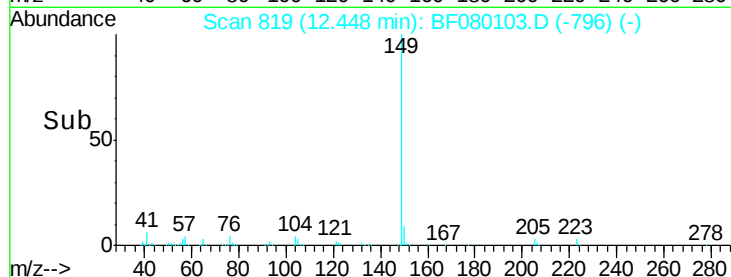
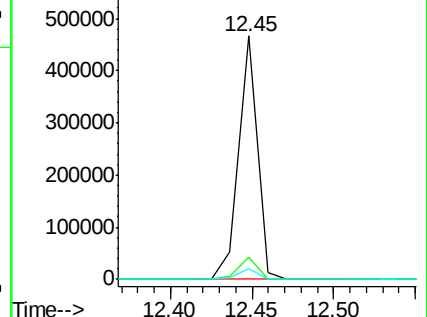
104 4.3 2.4 3.6#



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: 25.34 ng

RT: 13.18 min Scan# 883

Delta R.T. -0.07 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

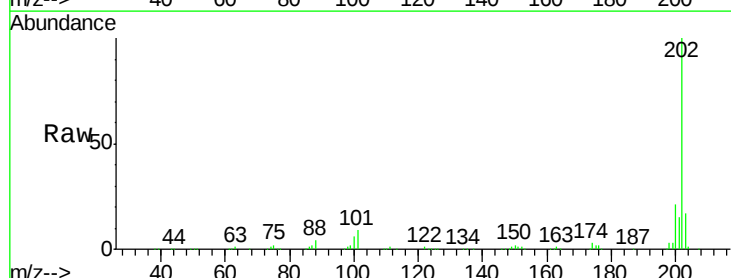
Tgt Ion:202 Resp: 364971

Ion Ratio Lower Upper

202 100

101 8.6 0.0 38.3

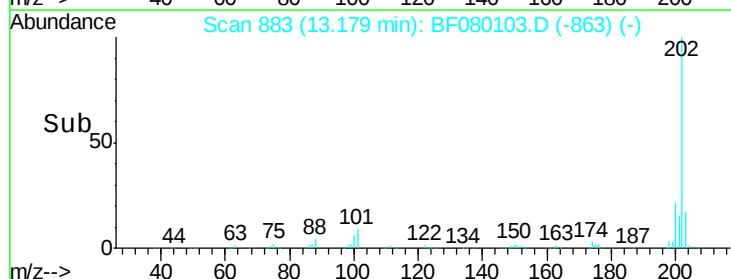
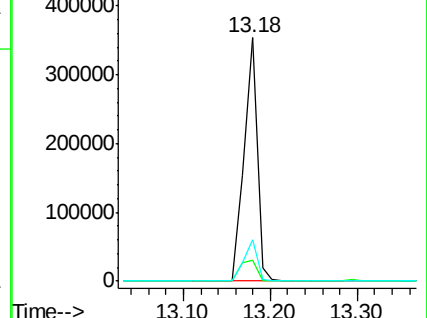
203 17.2 0.0 37.3

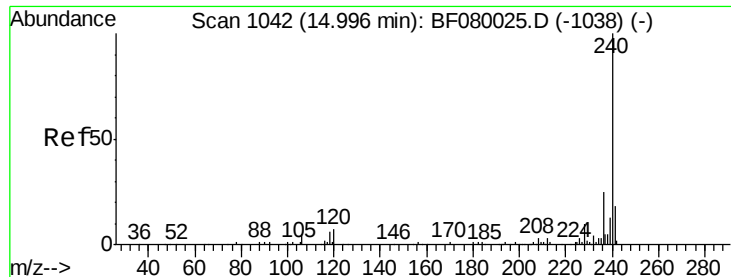


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.87 min Scan# 1031

Delta R.T. -0.13 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

Instrument :

BNA_F

ClientSampleId :

PB84129BS

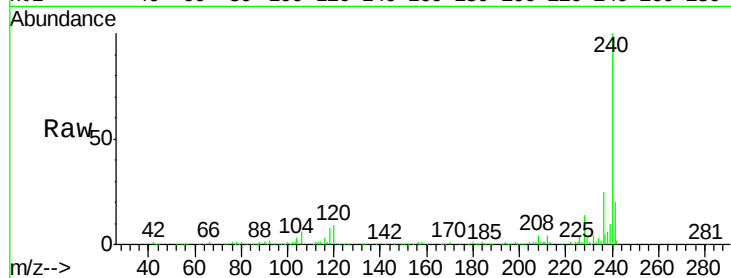
Tgt Ion:240 Resp: 241687

Ion Ratio Lower Upper

240 100

120 9.2 16.2 24.2#

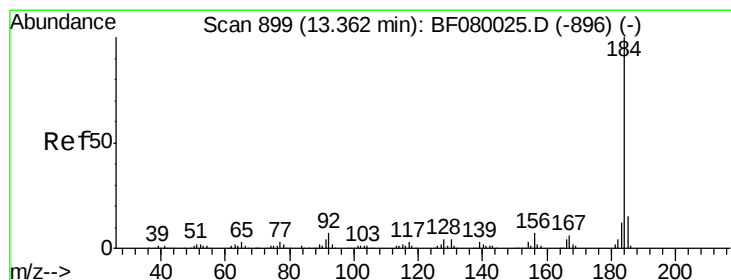
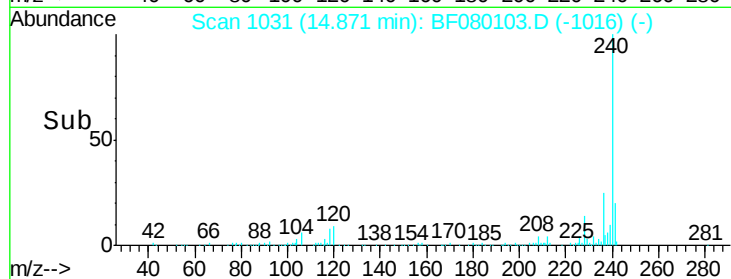
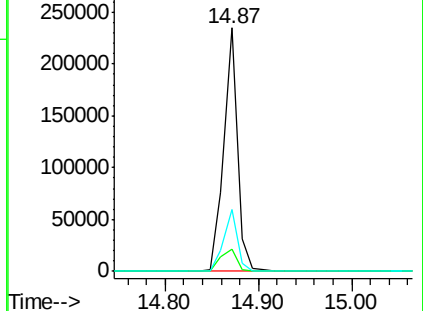
236 25.4 18.4 27.6



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: 28.59 ng

RT: 13.29 min Scan# 893

Delta R.T. -0.07 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

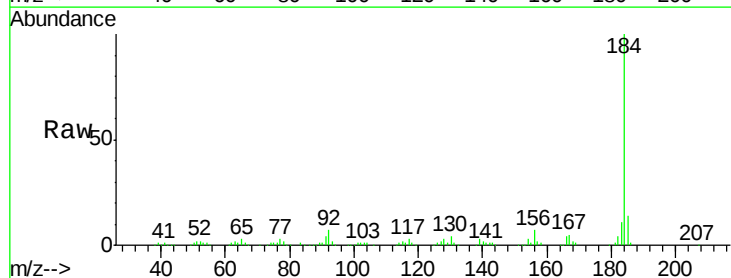
Tgt Ion:184 Resp: 193114

Ion Ratio Lower Upper

184 100

185 14.1 11.8 17.6

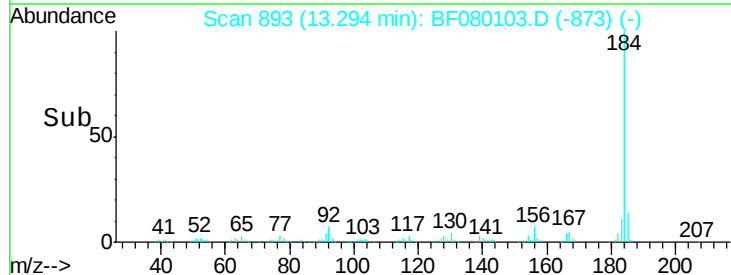
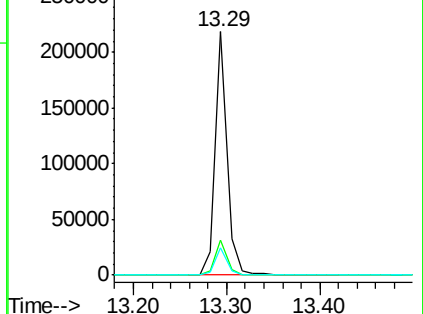
183 11.1 7.6 11.4

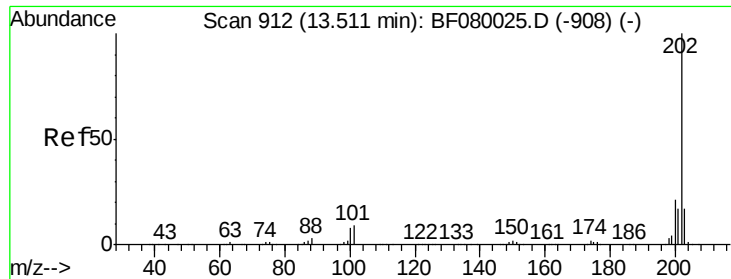


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

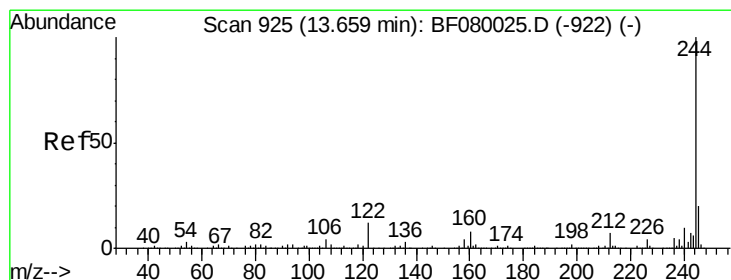
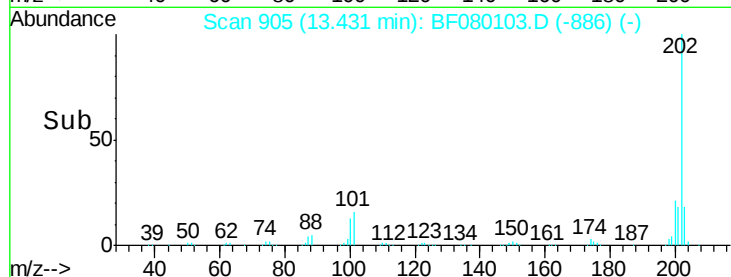
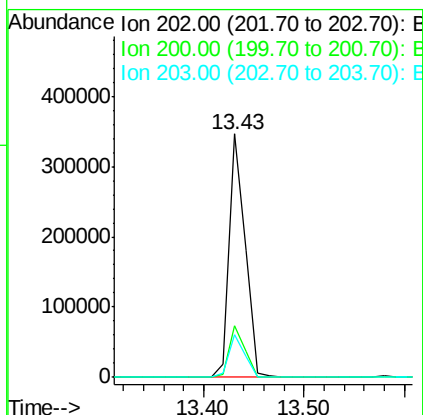
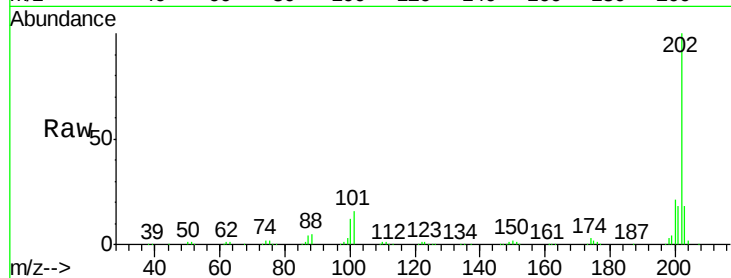




#77
 Pyrene
 Concen: 25.71 ng
 RT: 13.43 min Scan# 905
 Delta R.T. -0.08 min
 Lab File: BF080103.D
 Acq: 22 Jun 2015 19:34

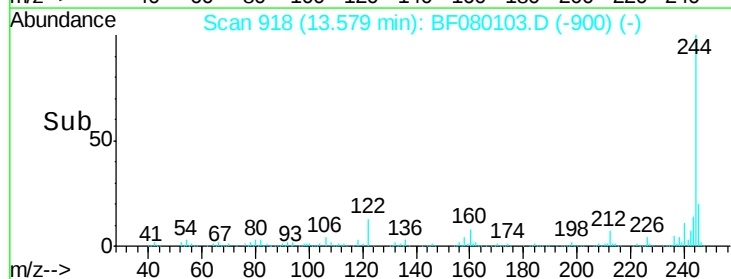
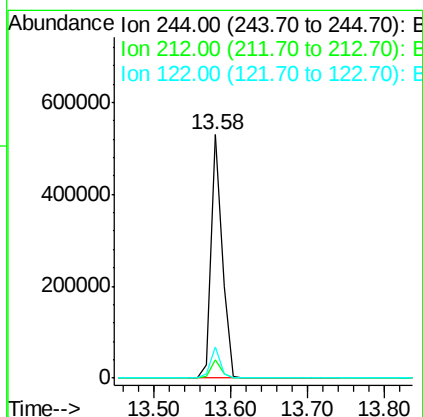
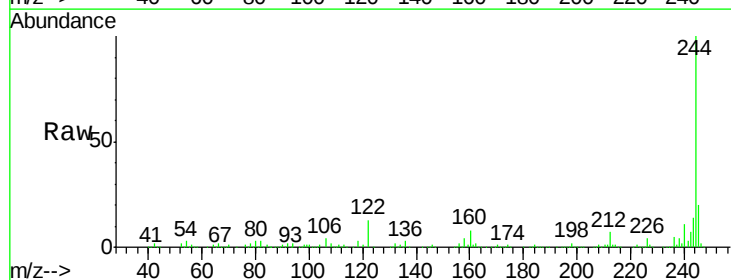
Instrument :
 BNA_F
 ClientSampleId :
 PB84129BS

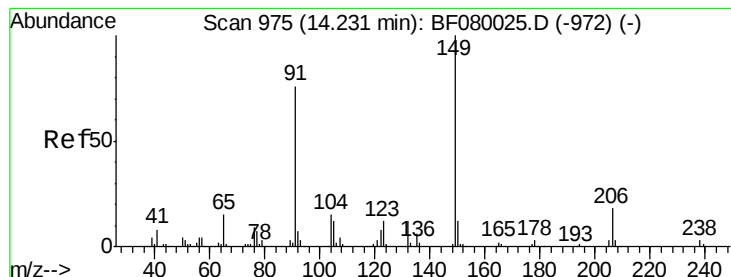
Tgt Ion: 202 Resp: 382628
 Ion Ratio Lower Upper
 202 100
 200 21.0 15.0 22.4
 203 17.7 14.1 21.1



#78
 Terphenyl-d14
 Concen: 50.92 ng
 RT: 13.58 min Scan# 918
 Delta R.T. -0.09 min
 Lab File: BF080103.D
 Acq: 22 Jun 2015 19:34

Tgt Ion: 244 Resp: 526992
 Ion Ratio Lower Upper
 244 100
 212 7.4 4.3 6.5#
 122 12.6 17.4 26.2#





#79

Butylbenzylphthalate

Concen: 25.33 ng

RT: 14.13 min Scan# 966

Delta R.T. -0.11 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

Instrument :

BNA_F

ClientSampleId :

PB84129BS

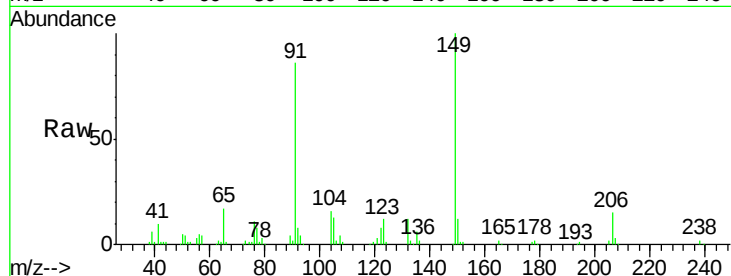
Tgt Ion:149 Resp: 151349

Ion Ratio Lower Upper

149 100

91 85.5 48.6 72.8#

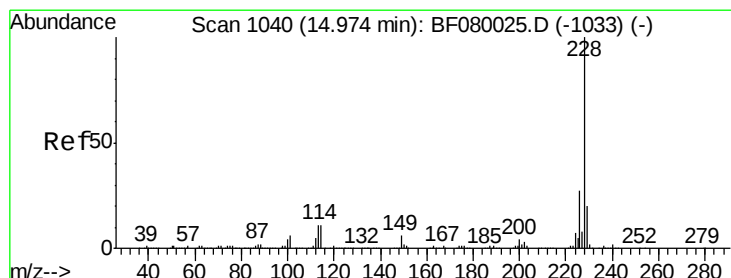
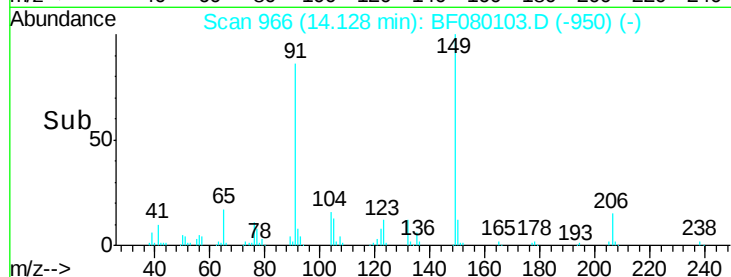
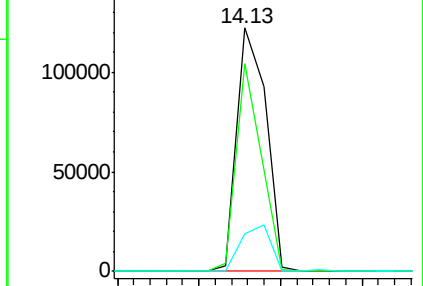
206 15.4 14.9 22.3



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: 25.94 ng

RT: 14.86 min Scan# 1030

Delta R.T. -0.13 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

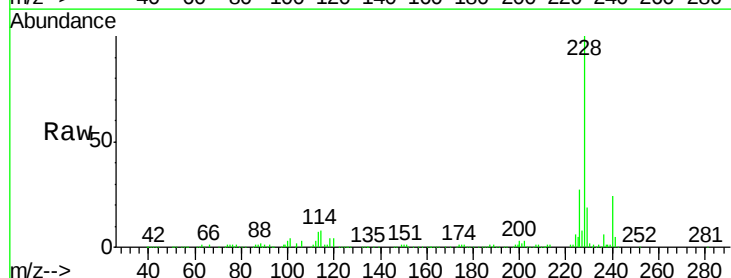
Tgt Ion:228 Resp: 381868

Ion Ratio Lower Upper

228 100

226 27.2 20.0 30.0

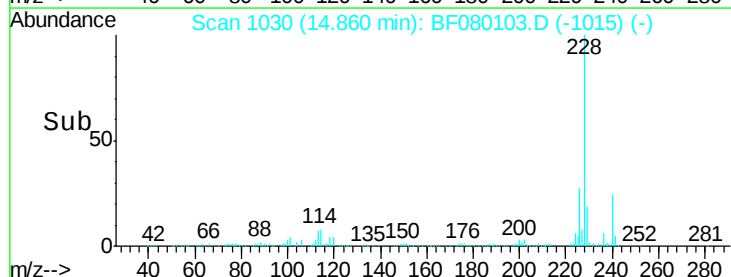
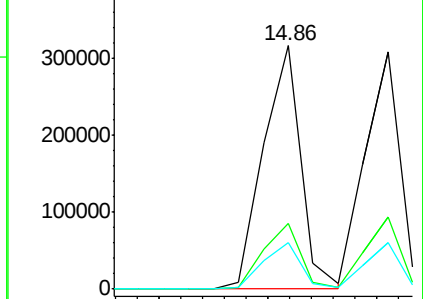
229 19.3 15.4 23.2

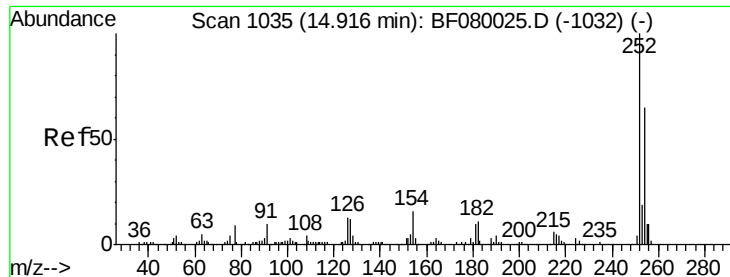


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 15.87 ng

RT: 14.80 min Scan# 1025

Delta R.T. -0.13 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

Instrument :

BNA_F

ClientSampleId :

PB84129BS

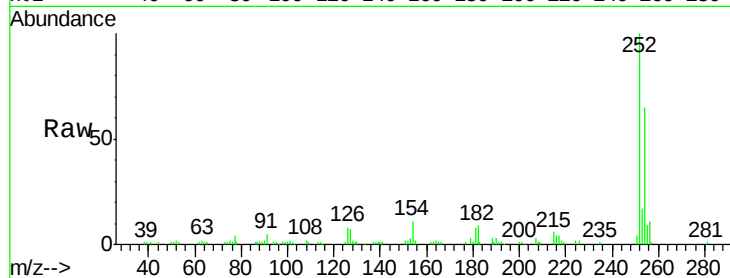
Tgt Ion:252 Resp: 80590

Ion Ratio Lower Upper

252 100

254 65.4 51.4 77.2

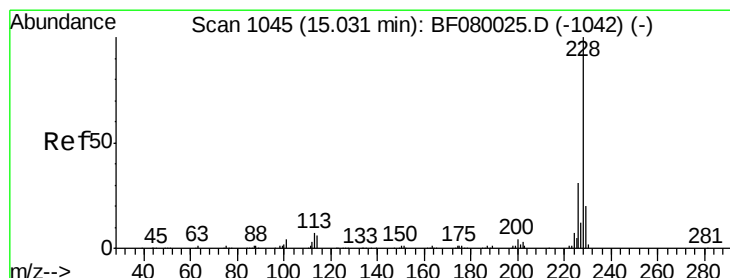
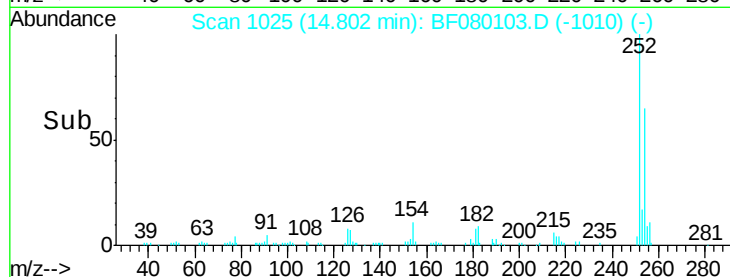
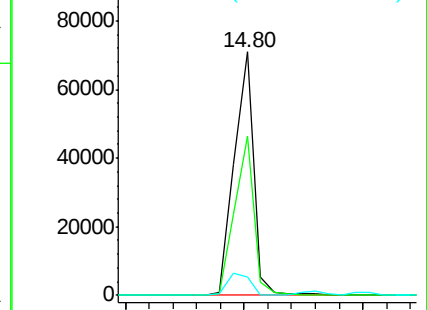
126 7.7 16.4 24.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 25.93 ng

RT: 14.91 min Scan# 1034

Delta R.T. -0.13 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

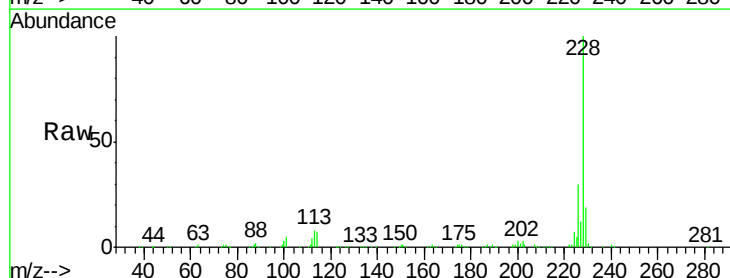
Tgt Ion:228 Resp: 352101

Ion Ratio Lower Upper

228 100

226 30.2 21.0 31.4

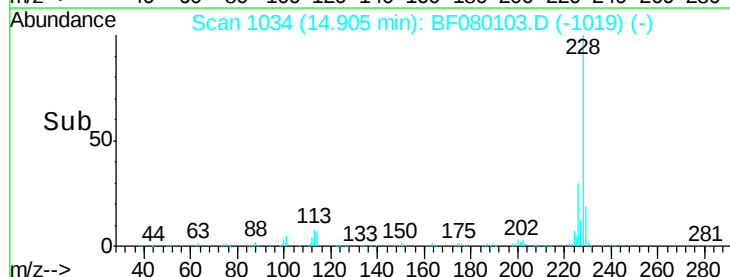
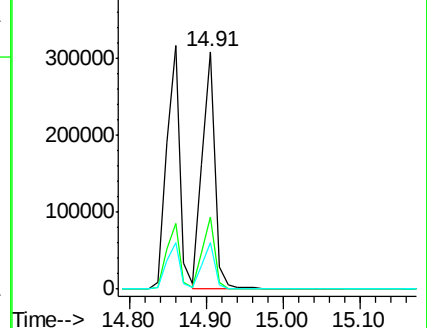
229 19.3 15.6 23.4

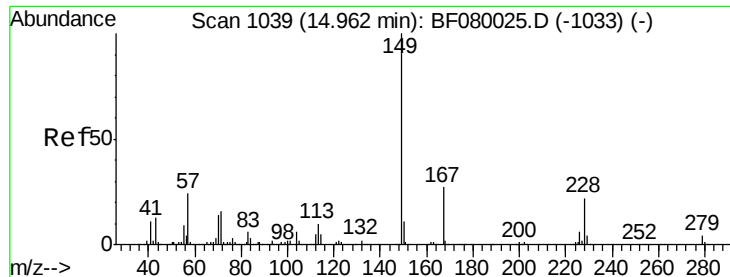


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 25.05 ng

RT: 14.84 min Scan# 1028

Delta R.T. -0.13 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

Instrument :

BNA_F

ClientSampleId :

PB84129BS

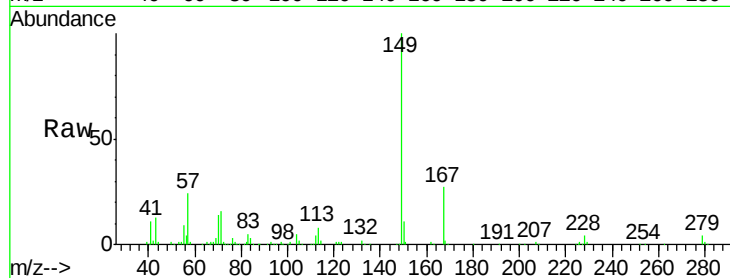
Tgt Ion:149 Resp: 236547

Ion Ratio Lower Upper

149 100

167 27.4 24.2 36.2

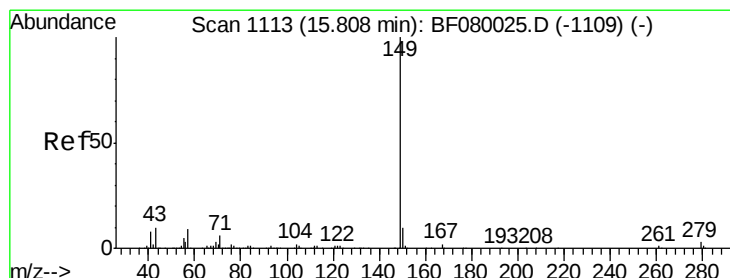
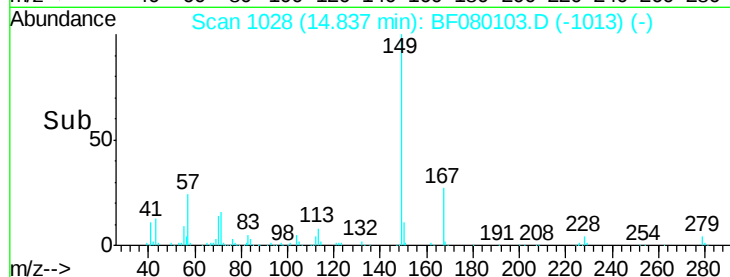
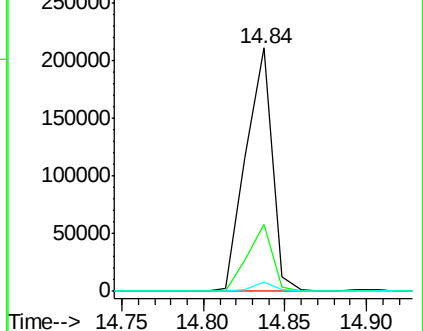
279 4.0 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 24.70 ng

RT: 15.65 min Scan# 1099

Delta R.T. -0.17 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

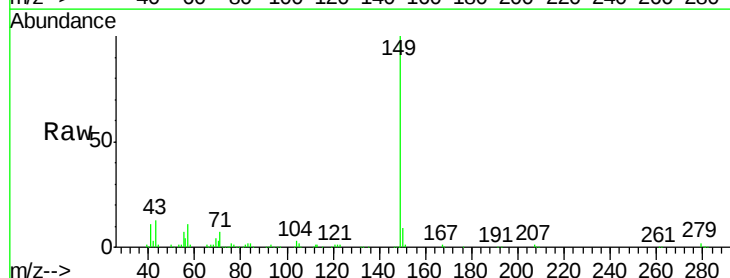
Tgt Ion:149 Resp: 399764

Ion Ratio Lower Upper

149 100

167 1.4 1.0 1.6

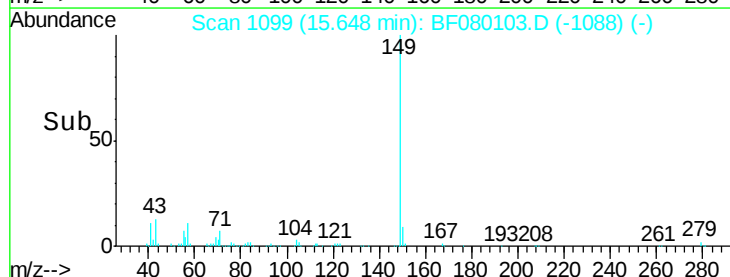
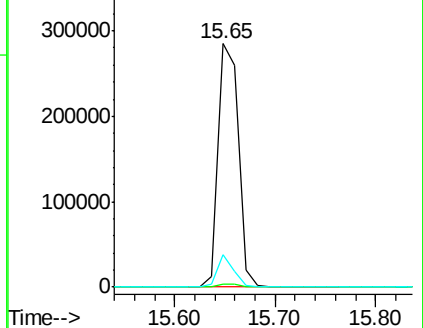
43 11.4 10.2 15.2

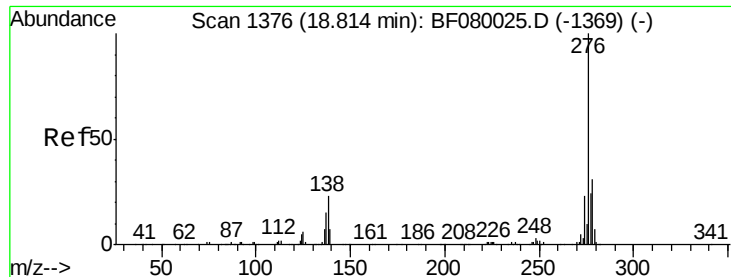


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 23.02 ng

RT: 18.61 min Scan# 1358

Delta R.T. -0.18 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

Instrument :

BNA_F

ClientSampleId :

PB84129BS

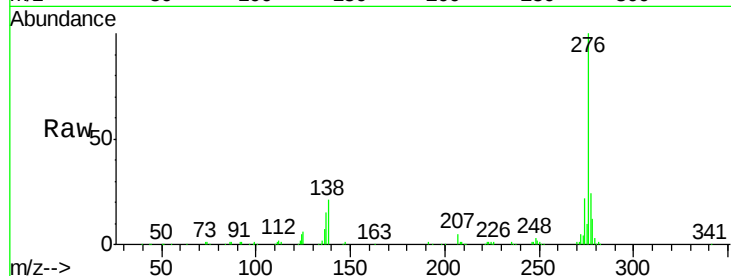
Tgt Ion:276 Resp: 394048

Ion Ratio Lower Upper

276 100

138 25.2 25.7 38.5#

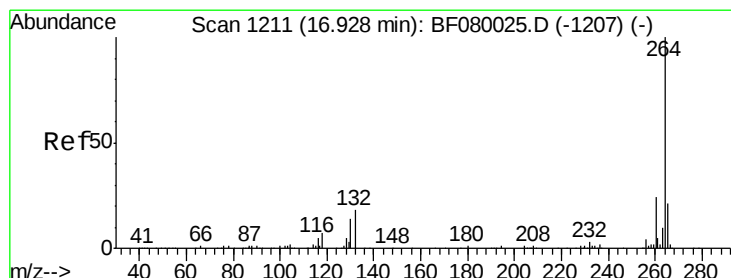
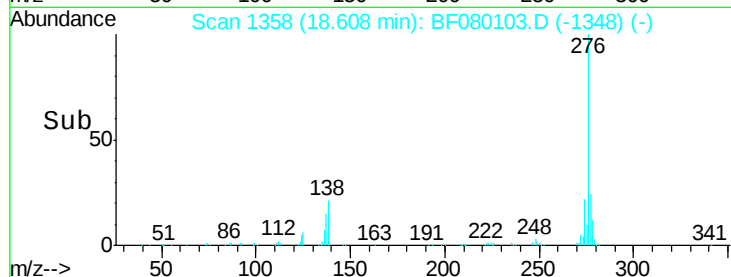
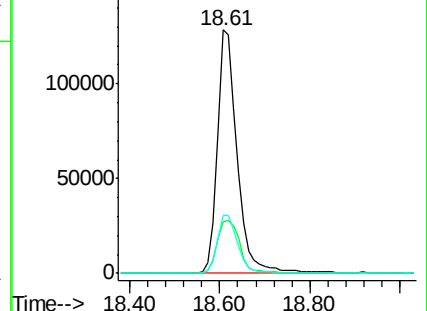
277 25.1 15.6 23.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.76 min Scan# 1196

Delta R.T. -0.17 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

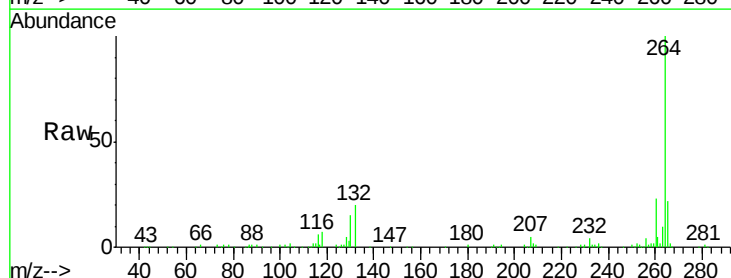
Tgt Ion:264 Resp: 233509

Ion Ratio Lower Upper

264 100

260 23.4 16.7 25.1

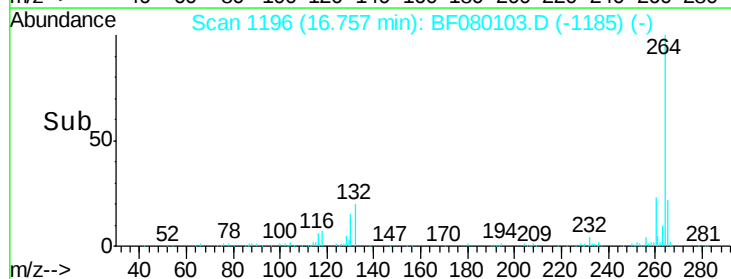
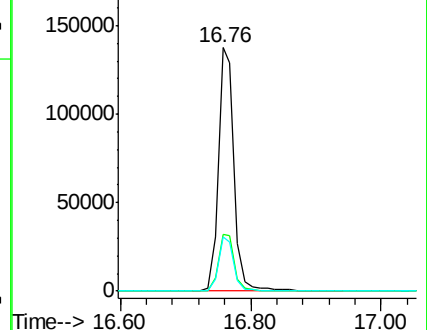
265 22.5 17.2 25.8

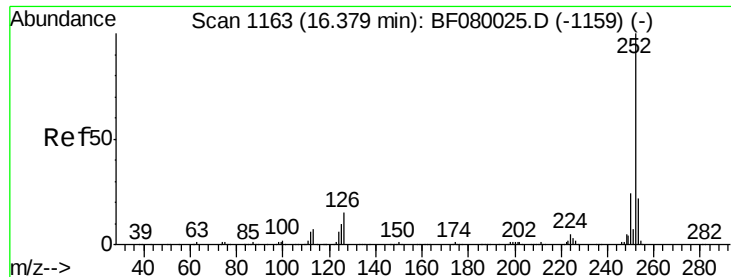


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

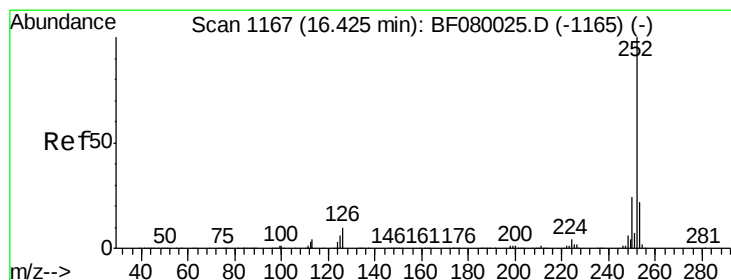
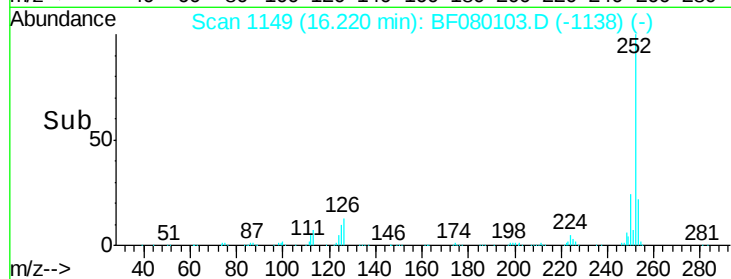
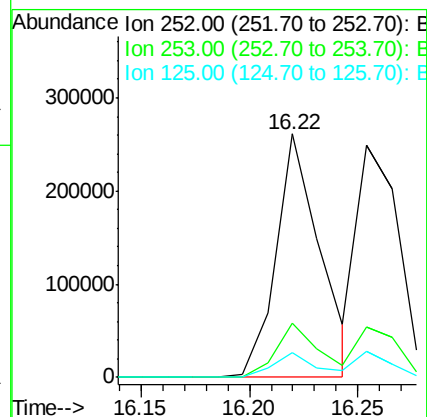
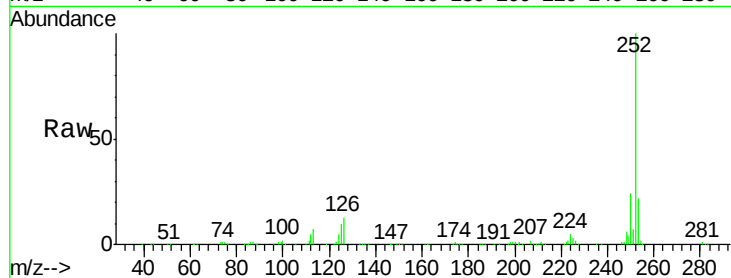




#87
Benzo(b)fluoranthene
Concen: 26.15 ng
RT: 16.22 min Scan# 1149
Delta R.T. -0.17 min
Lab File: BF080103.D
Acq: 22 Jun 2015 19:34

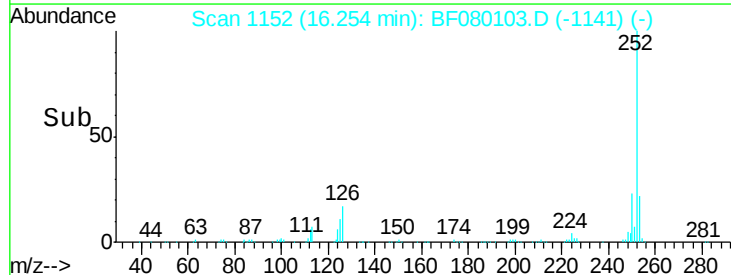
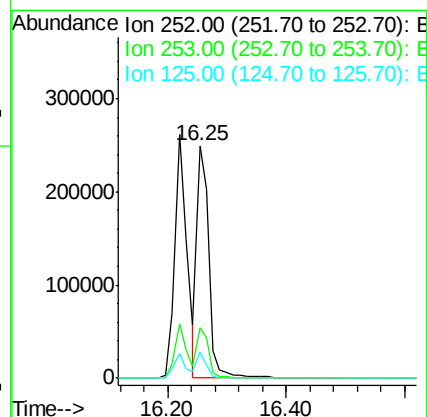
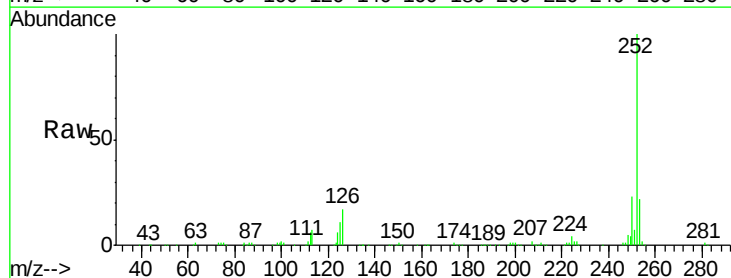
Instrument :
BNA_F
ClientSampleId :
PB84129BS

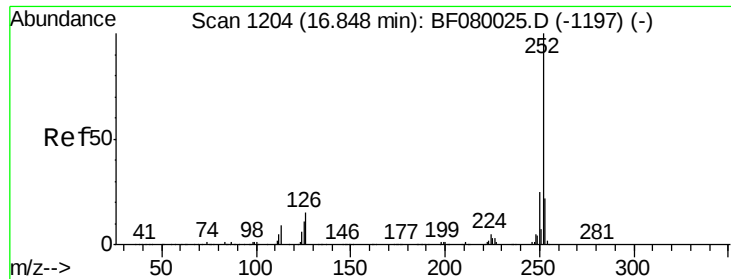
Tgt Ion: 252 Resp: 369720
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 10.3 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 24.31 ng
RT: 16.25 min Scan# 1152
Delta R.T. -0.17 min
Lab File: BF080103.D
Acq: 22 Jun 2015 19:34

Tgt Ion: 252 Resp: 349970
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.4
125 11.4 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 26.53 ng

RT: 16.69 min Scan# 1190

Delta R.T. -0.16 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

Instrument :

BNA_F

ClientSampleId :

PB84129BS

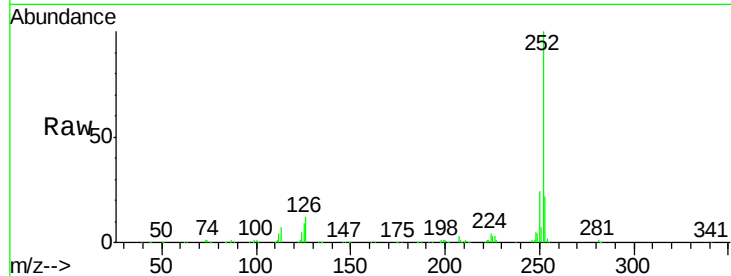
Tgt Ion:252 Resp: 356265

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

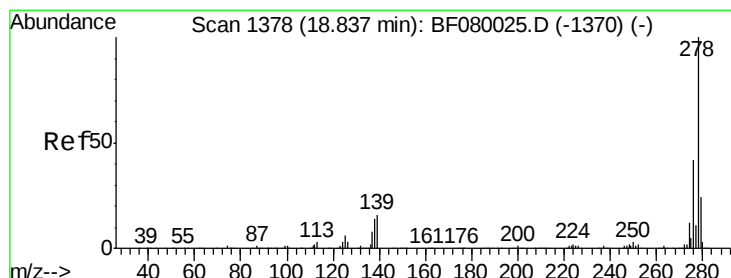
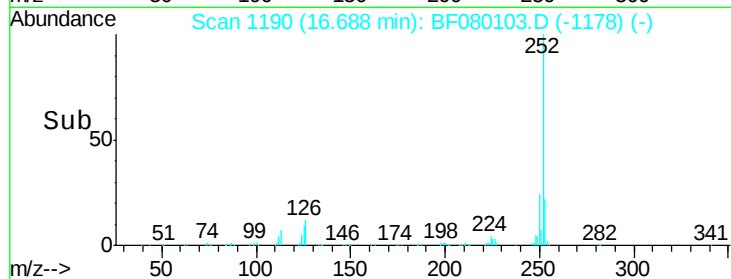
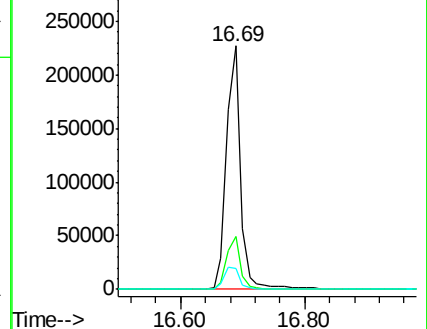
125 8.8 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 24.37 ng

RT: 18.64 min Scan# 1361

Delta R.T. -0.17 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

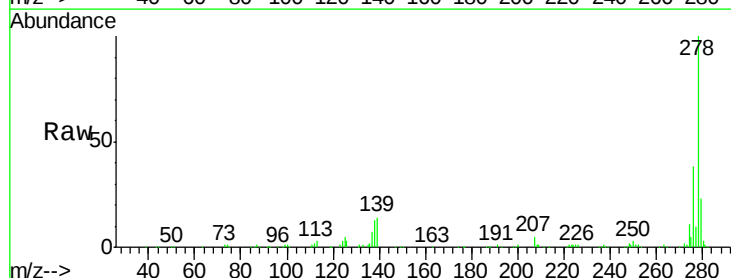
Tgt Ion:278 Resp: 334913

Ion Ratio Lower Upper

278 100

139 14.4 26.3 39.5#

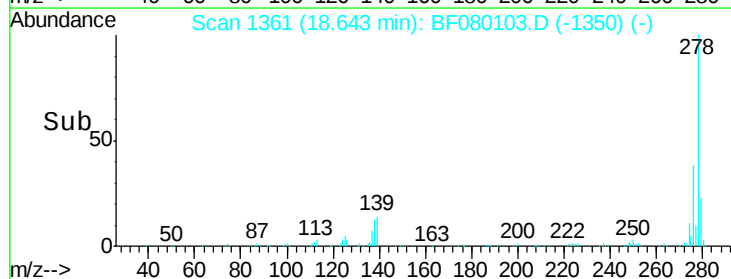
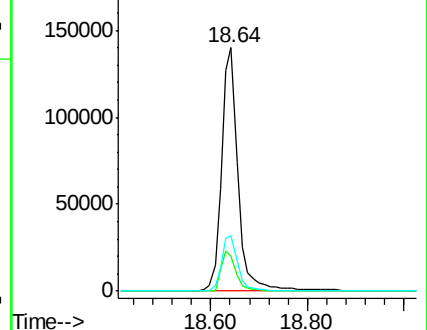
279 22.7 18.2 27.4

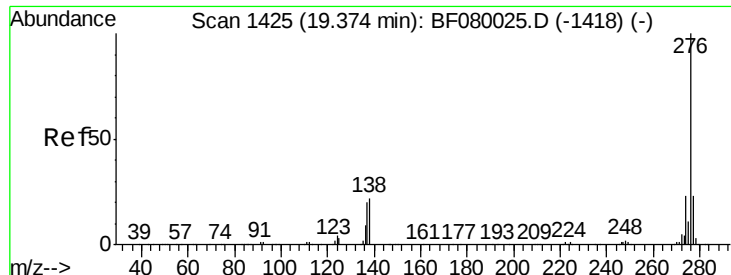


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 24.00 ng

RT: 19.17 min Scan# 1407

Delta R.T. -0.18 min

Lab File: BF080103.D

Acq: 22 Jun 2015 19:34

Instrument :

BNA_F

ClientSampleId :

PB84129BS

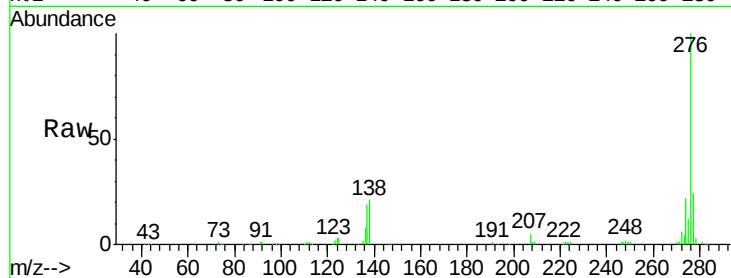
Tgt Ion: 276 Resp: 333049

Ion Ratio Lower Upper

276 100

277 23.6 17.8 26.6

138 21.5 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

