

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
 Data File : BF080163.D
 Acq On : 25 Jun 2015 13:51
 Operator : TP/IZ
 Sample : PB84184BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84184BS

Quant Time: Jun 26 01:18:54 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 26 01:01:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	32081	20.00	ng	0.00
21) Naphthalene-d8	8.58	136	126447	20.00	ng	0.00
38) Acenaphthene-d10	10.36	164	64916	20.00	ng	0.00
63) Phenanthrene-d10	11.86	188	138800	20.00	ng	0.00
75) Chrysene-d12	14.85	240	143305	20.00	ng	0.02
86) Perylene-d12	16.73	264	141285	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.91	112	269347	148.62	ng	0.01
7) Phenol-d6	6.90	99	366522	151.98	ng	0.00
23) Nitrobenzene-d5	7.85	82	220239	101.40	ng	0.00
41) 2,4,6-Tribromophenol	11.16	330	93635	147.51	ng	0.00
44) 2-Fluorobiphenyl	9.66	172	390190	85.72	ng	-0.01
78) Terphenyl-d14	13.57	244	537186	87.55	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	30793	35.75	ng	87
3) Pyridine	3.98	79	99179	43.29	ng	# 82
4) n-Nitrosodimethylamine	3.89	42	43886	40.31	ng	96
6) Aniline	6.95	93	98021	29.54	ng	95
8) 2-Chlorophenol	7.08	128	97951	46.76	ng	84
9) Benzaldehyde	6.84	77	51974	37.33	ng	# 69
10) Phenol	6.92	94	132193	50.23	ng	84
11) bis(2-Chloroethyl)ether	7.02	93	90524	43.35	ng	86
12) 1,3-Dichlorobenzene	7.48	146	101846	40.48	ng	99
13) 1,4-Dichlorobenzene	7.48	146	101822	42.55	ng	97
14) 1,2-Dichlorobenzene	7.48	146	101822	43.73	ng	97
15) Benzyl Alcohol	7.42	79	86051	43.64	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	7.57	45	154689	49.91	ng	86
17) 2-Methylphenol	7.53	107	77692	43.42	ng	# 89
18) Hexachloroethane	7.82	117	37885	47.55	ng	# 85
19) n-Nitroso-di-n-propylamine	7.69	70	73543	43.92	ng	# 76
20) 3+4-Methylphenols	7.68	107	108737	47.09	ng	91
22) Acetophenone	7.69	105	132925	45.11	ng	# 81
24) Nitrobenzene	7.88	77	104049	46.41	ng	# 77
25) Isophorone	8.10	82	180127	41.21	ng	# 82
26) 2-Nitrophenol	8.20	139	52043	55.46	ng	# 75
27) 2,4-Dimethylphenol	8.22	122	96836	49.49	ng	# 83
28) bis(2-Chloroethoxy)methane	8.31	93	110865	43.17	ng	# 91
29) 2,4-Dichlorophenol	8.44	162	89941	53.67	ng	98
30) 1,2,4-Trichlorobenzene	8.53	180	94356	49.58	ng	98
31) Naphthalene	8.61	128	280441	42.42	ng	98
32) Benzoic acid	8.28	122	39382	33.29	ng	# 67
33) 4-Chloroaniline	8.64	127	52224	18.46	ng	# 83
34) Hexachlorobutadiene	8.73	225	52748	45.02	ng	97
35) Caprolactam	8.98	113	25883	47.59	ng	96
36) 4-Chloro-3-methylphenol	9.12	107	82504	43.65	ng	96
37) 2-Methylnaphthalene	9.30	142	206396	48.26	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.48	216	93894	49.70	ng	98
40) Hexachlorocyclopentadiene	9.46	237	93172	94.61	ng	96

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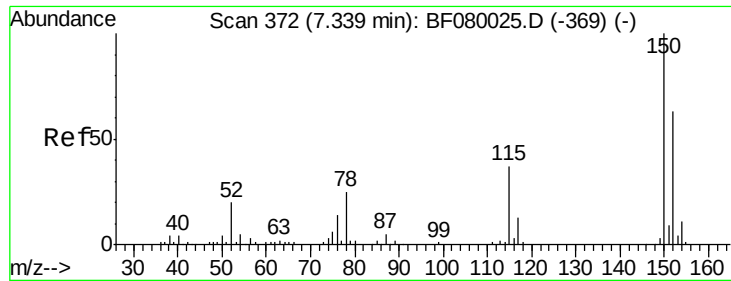
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.58	196	66767	51.94	ng	100
43) 2,4,5-Trichlorophenol	9.61	196	63252	42.71	ng	# 90
45) 1,1'-Biphenyl	9.77	154	226094	42.81	ng	95
46) 2-Chloronaphthalene	9.80	162	186949	43.62	ng	93
47) 2-Nitroaniline	9.88	65	52851	44.93	ng	# 59
48) Acenaphthylene	10.22	152	323274	45.20	ng	97
49) Dimethylphthalate	10.06	163	212922	43.63	ng	# 97
50) 2,6-Dinitrotoluene	10.12	165	45004	46.00	ng	# 46
51) Acenaphthene	10.39	154	204462	46.73	ng	91
52) 3-Nitroaniline	10.29	138	31236	27.67	ng	# 51
53) 2,4-Dinitrophenol	10.40	184	48573	118.91	ng	# 35
54) Dibenzofuran	10.56	168	269591	43.42	ng	# 88
55) 4-Nitrophenol	10.44	139	85307	94.54	ng	# 47
56) 2,4-Dinitrotoluene	10.53	165	68212	54.94	ng	# 84
57) Fluorene	10.92	166	219945	44.64	ng	93
58) 2,3,4,6-Tetrachlorophenol	10.68	232	53753	43.00	ng	98
59) Diethylphthalate	10.76	149	206219	41.96	ng	96
60) 4-Chlorophenyl-phenylether	10.89	204	105256	44.46	ng	# 88
61) 4-Nitroaniline	10.90	138	50521	43.33	ng	# 48
62) Azobenzene	11.05	77	212709	42.52	ng	86
64) 4,6-Dinitro-2-methylphenol	10.94	198	30431	44.70	ng	85
65) n-Nitrosodiphenylamine	11.01	169	187928	41.58	ng	92
66) 4-Bromophenyl-phenylether	11.40	248	64013	43.37	ng	# 86
67) Hexachlorobenzene	11.48	284	70543	43.01	ng	# 80
68) Atrazine	11.53	200	65696	46.01	ng	81
69) Pentachlorophenol	11.66	266	74798	80.47	ng	99
70) Phenanthrene	11.89	178	338480	40.28	ng	97
71) Anthracene	11.94	178	356670	44.08	ng	97
72) Carbazole	12.09	167	315604	40.85	ng	96
73) Di-n-butylphthalate	12.42	149	374011	41.91	ng	# 99
74) Fluoranthene	13.16	202	371484	41.51	ng	91
76) Benzidine	13.27	184	215486	53.79	ng	98
77) Pyrene	13.42	202	388055	43.98	ng	97
79) Butylbenzylphthalate	14.12	149	165731	46.77	ng	93
80) Benzo(a)anthracene	14.84	228	373359	42.77	ng	97
81) 3,3'-Dichlorobenzidine	14.78	252	71350	23.70	ng	# 94
82) Chrysene	14.88	228	347644	43.18	ng	94
83) Bis(2-ethylhexyl)phthalate	14.81	149	235449	42.05	ng	# 91
84) Di-n-octyl phthalate	15.64	149	409551	42.68	ng	95
85) Indeno(1,2,3-cd)pyrene	18.57	276	411377	40.52	ng	# 89
87) Benzo(b)fluoranthene	16.20	252	377611	44.14	ng	# 88
88) Benzo(k)fluoranthene	16.24	252	353866	40.62	ng	# 86
89) Benzo(a)pyrene	16.65	252	362189	44.58	ng	# 88
90) Dibenzo(a,h)anthracene	18.60	278	342657	41.21	ng	# 82
91) Benzo(g,h,i)perylene	19.13	276	345515	41.15	ng	# 76

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 368

Delta R.T. -0.00 min

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PB84184BS

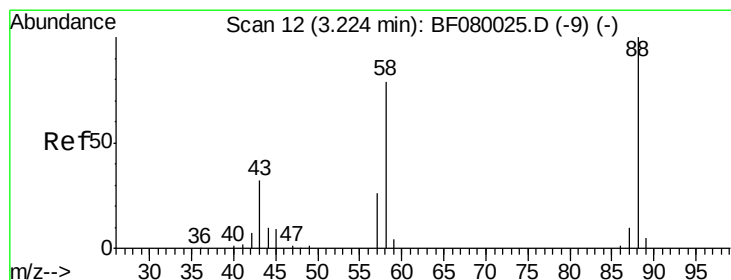
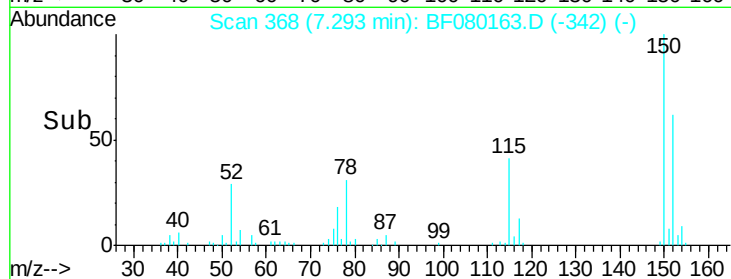
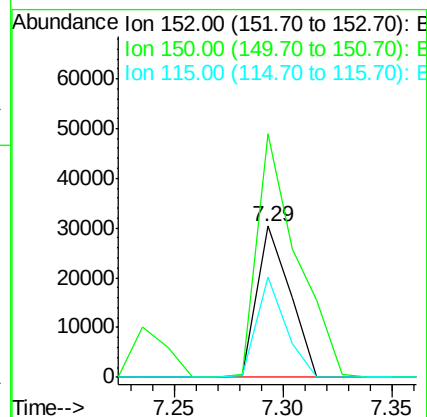
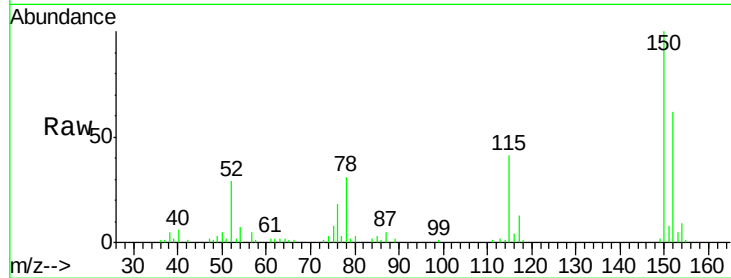
Tgt Ion:152 Resp: 32081

Ion Ratio Lower Upper

152 100

150 161.2 124.7 187.1

115 66.8 39.0 58.4#



#2

1,4-Dioxane

Concen: 35.75 ng

RT: 3.16 min Scan# 6

Delta R.T. 0.02 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

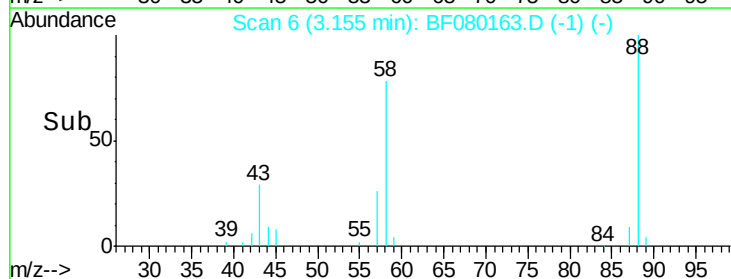
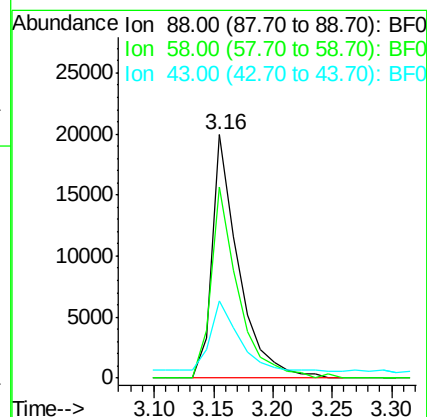
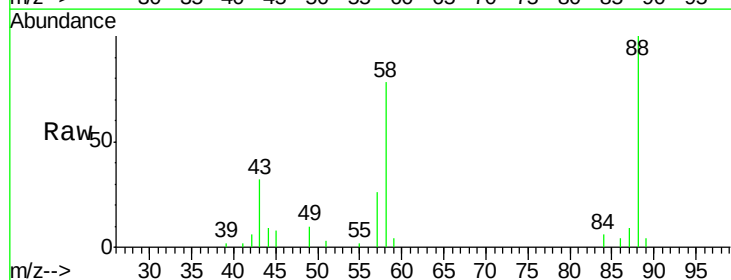
Tgt Ion: 88 Resp: 30793

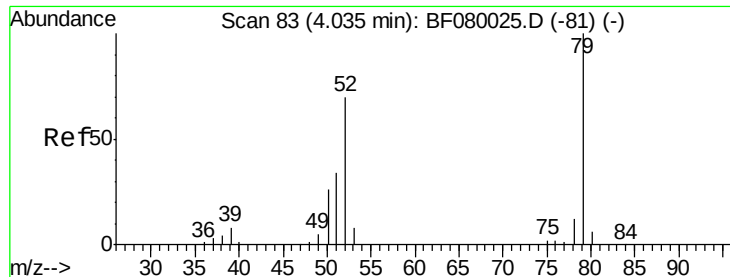
Ion Ratio Lower Upper

88 100

58 80.9 77.7 116.5

43 31.8 26.6 40.0





#3

Pyridine

Concen: 43.29 ng

RT: 3.98 min Scan# 78

Delta R.T. 0.01 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Instrument :

BNA_F

ClientSampleId :

PB84184BS

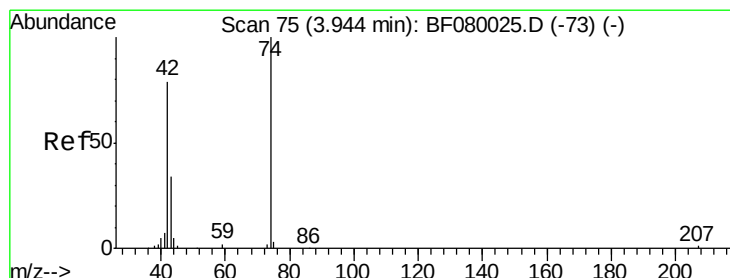
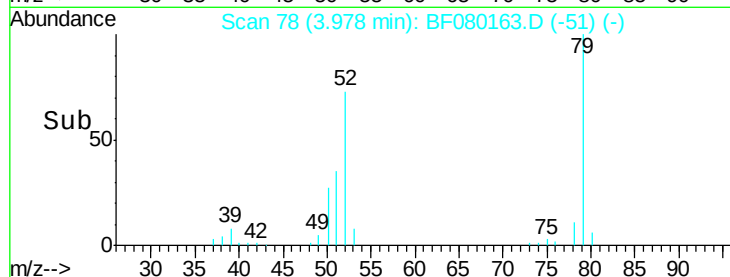
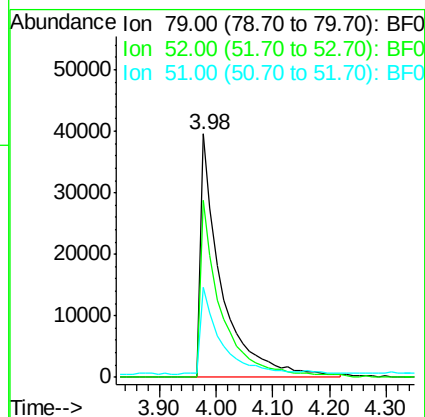
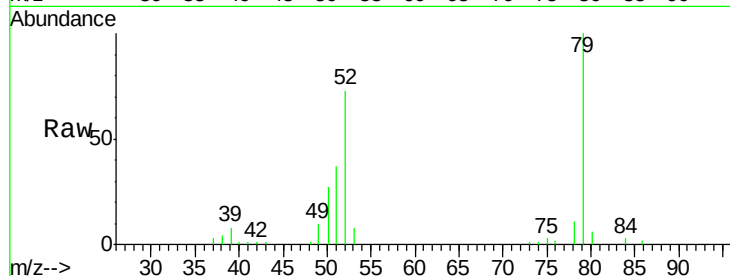
Tgt Ion: 79 Resp: 99179

Ion Ratio Lower Upper

79 100

52 72.7 76.8 115.2#

51 37.0 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 40.31 ng

RT: 3.89 min Scan# 70

Delta R.T. 0.01 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

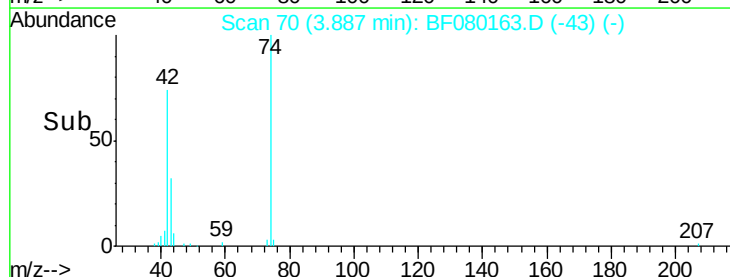
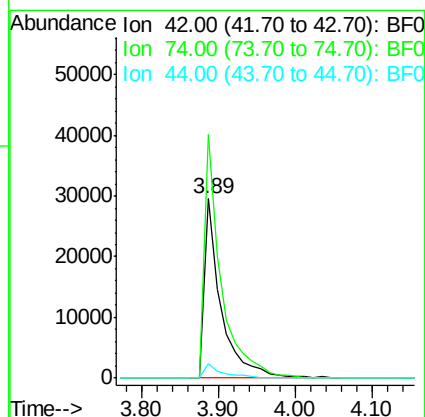
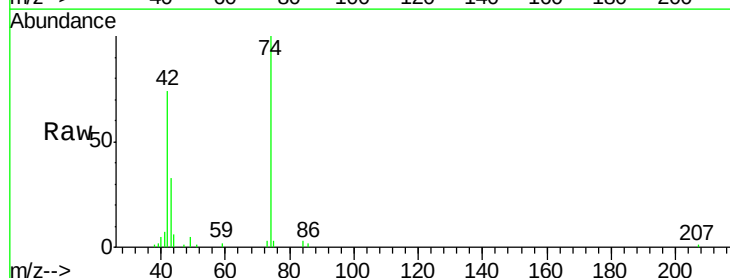
Tgt Ion: 42 Resp: 43886

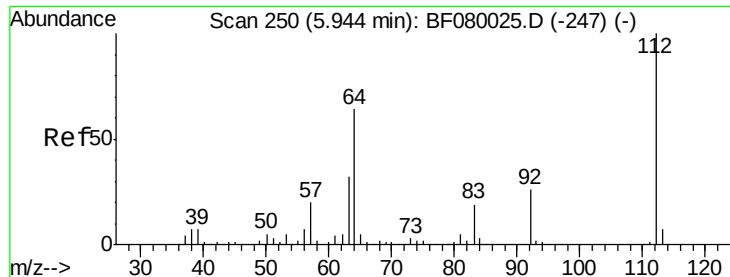
Ion Ratio Lower Upper

42 100

74 135.9 105.0 157.6

44 7.8 6.6 10.0





#5

2-Fluorophenol

Concen: 148.62 ng

RT: 5.91 min Scan# 247

Delta R.T. 0.01 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

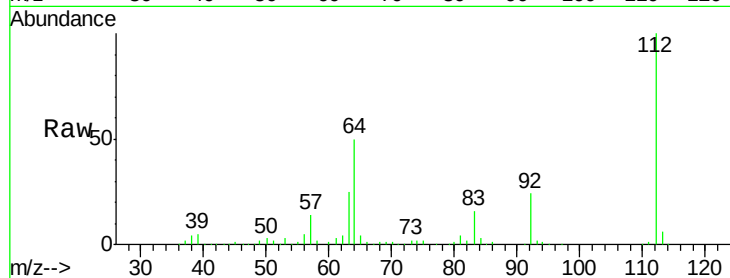
Instrument :

BNA_F

ClientSampleId :

PB84184BS

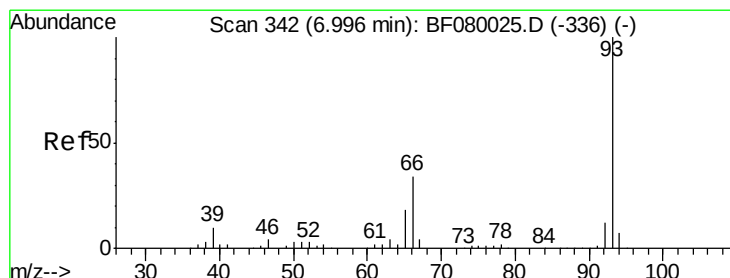
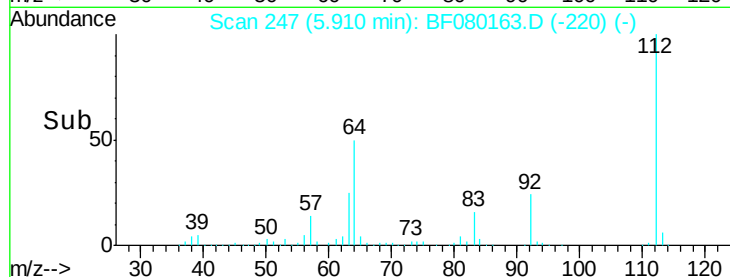
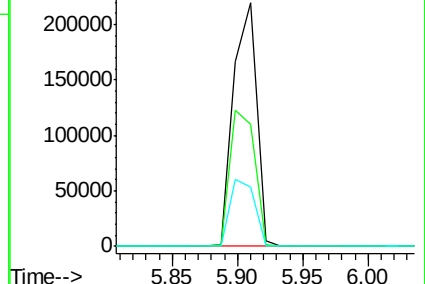
Tgt Ion:	112	Resp:	269347
Ion	Ratio	Lower	Upper
112	100		
64	49.9	39.7	59.5
63	24.6	17.4	26.0



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: 29.54 ng

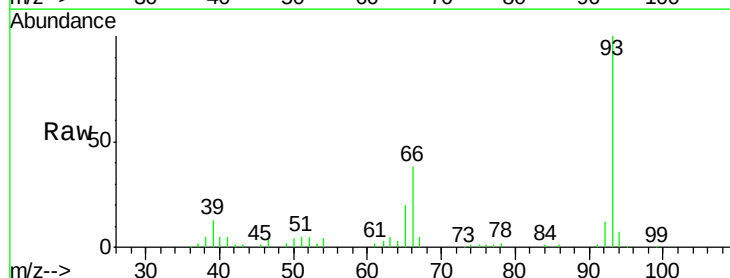
RT: 6.95 min Scan# 338

Delta R.T. -0.00 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

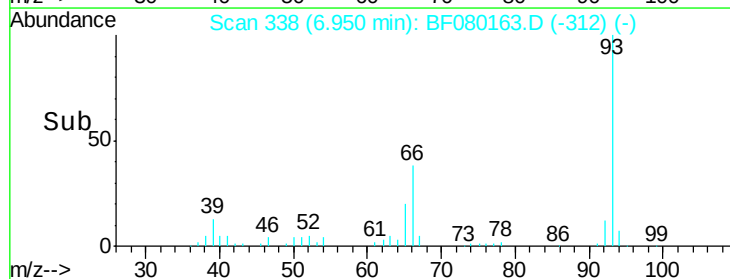
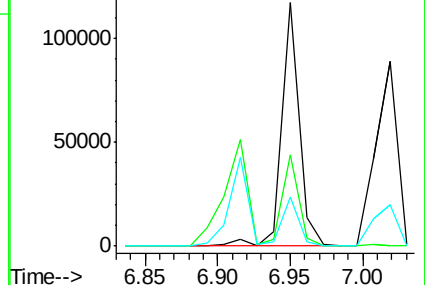
Tgt Ion:	93	Resp:	98021
Ion	Ratio	Lower	Upper
93	100		
66	37.6	27.2	40.8
65	19.9	14.7	22.1

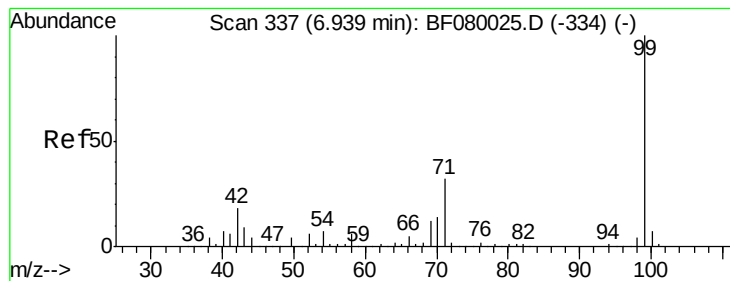


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 151.98 ng

RT: 6.90 min Scan# 334

Delta R.T. -0.00 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Instrument :

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ClientSampleId :

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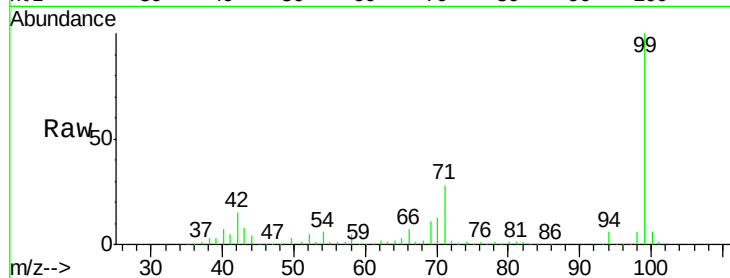
Tgt Ion: 99 Resp: 366522

Ion Ratio Lower Upper

99 100

42 14.9 13.7 20.5

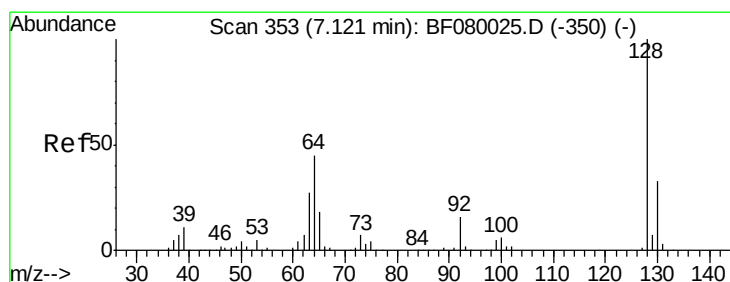
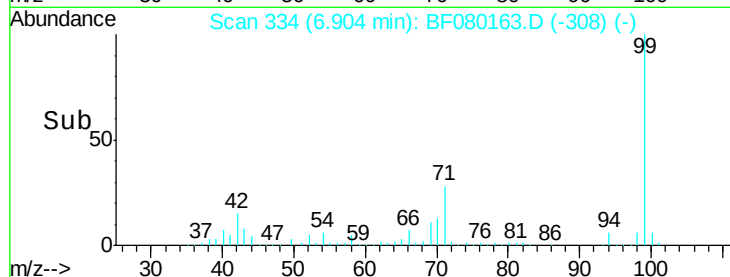
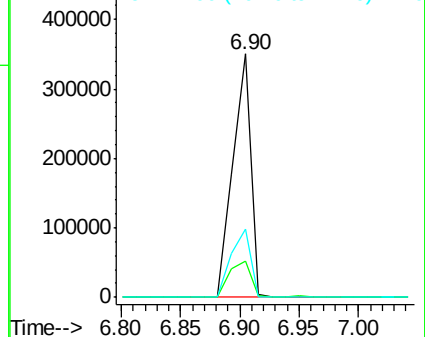
71 28.3 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 46.76 ng

RT: 7.08 min Scan# 349

Delta R.T. -0.00 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

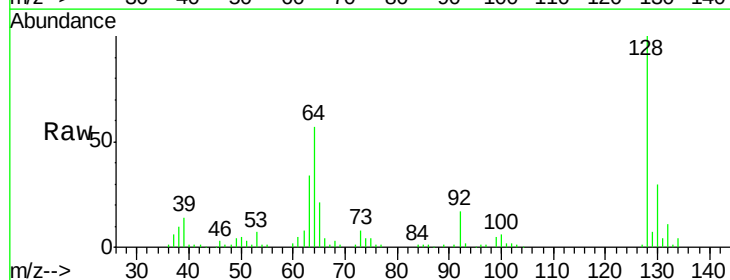
Tgt Ion: 128 Resp: 97951

Ion Ratio Lower Upper

128 100

130 30.5 12.2 52.2

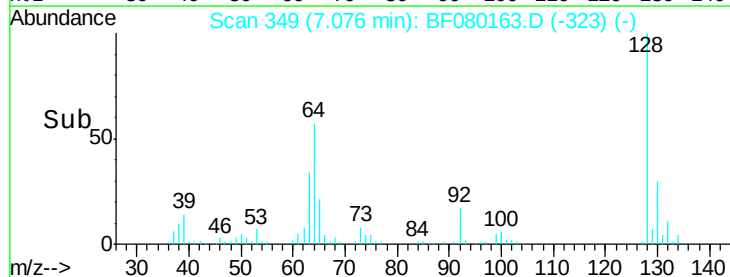
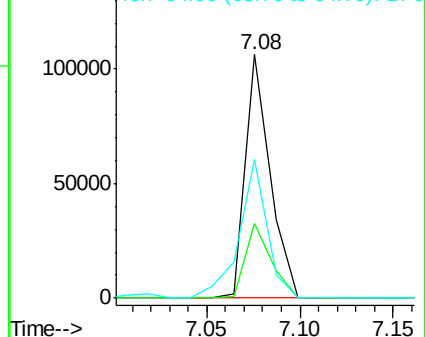
64 57.0 20.5 60.5

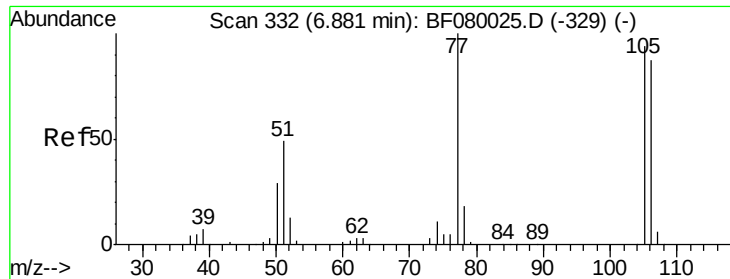


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.33 ng

RT: 6.84 min Scan# 328

Delta R.T. -0.01 min

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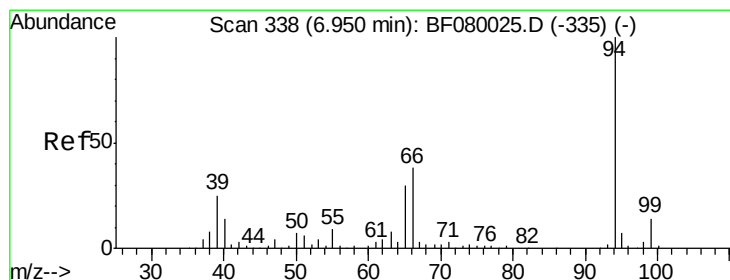
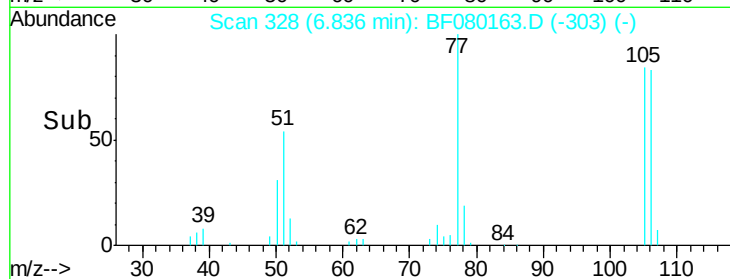
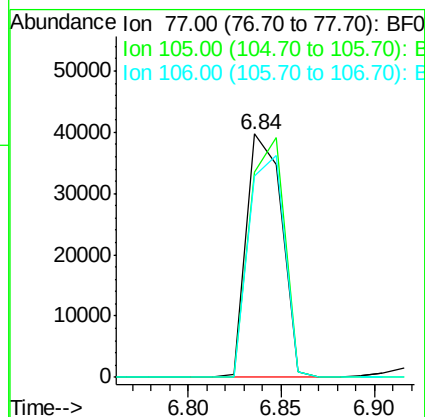
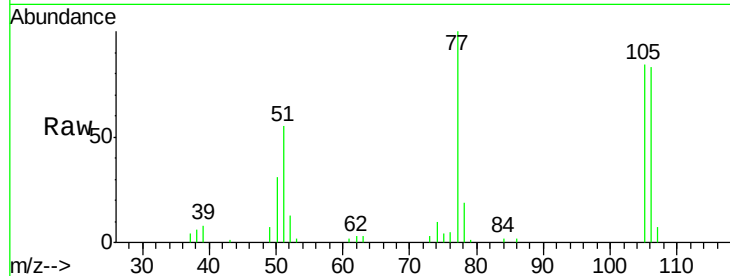
Tgt Ion: 77 Resp: 51974

Ion Ratio Lower Upper

77 100

105 84.2 91.6 131.6#

106 82.8 102.6 142.6#



#10

Phenol

Concen: 50.23 ng

RT: 6.92 min Scan# 335

Delta R.T. -0.00 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

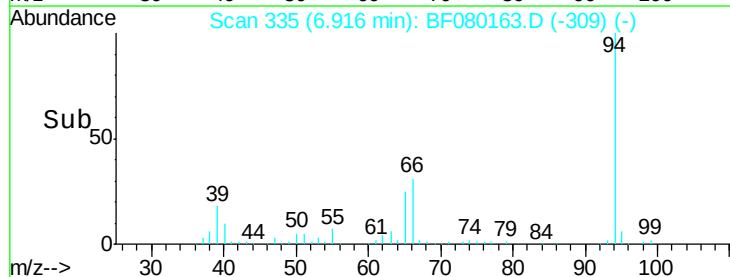
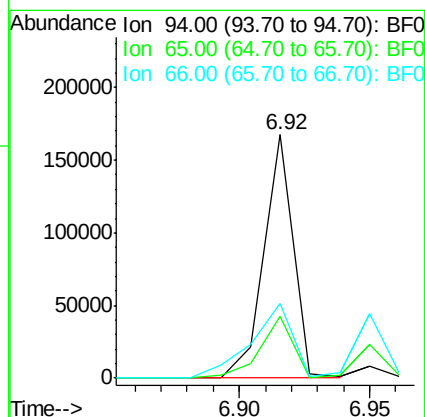
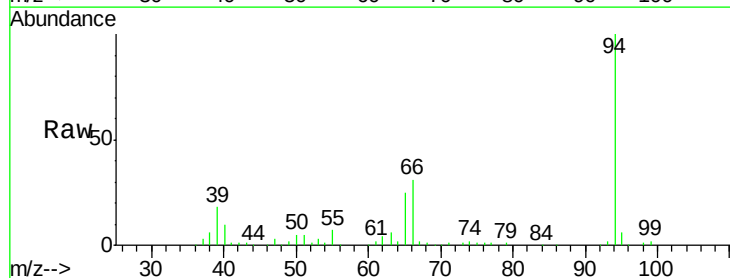
Tgt Ion: 94 Resp: 132193

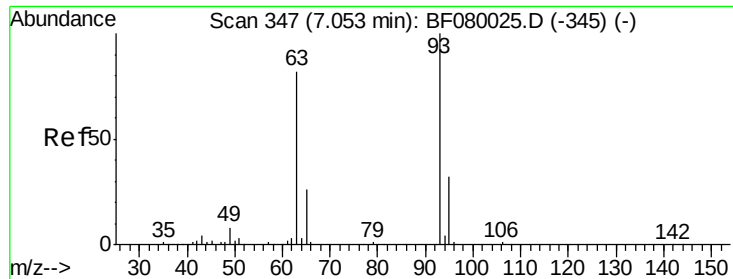
Ion Ratio Lower Upper

94 100

65 25.4 0.7 40.7

66 30.6 0.8 40.8

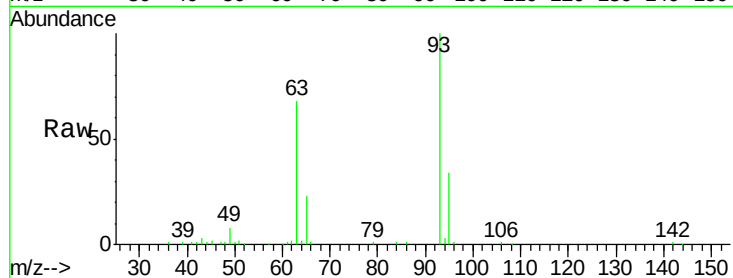




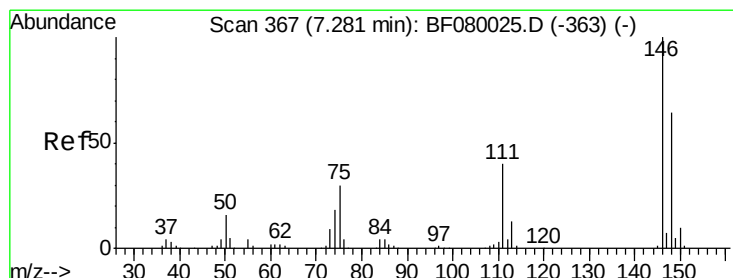
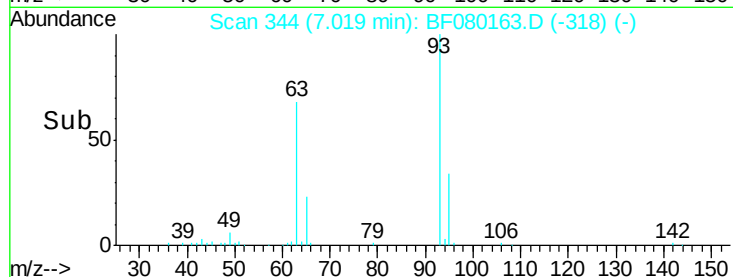
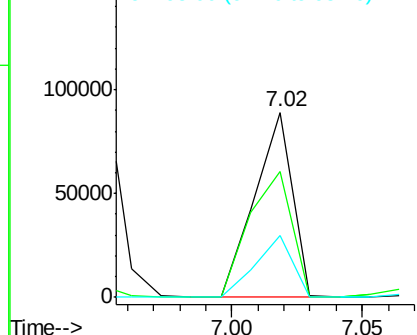
#11
 bis(2-Chloroethyl)ether
 Concen: 43.35 ng
 RT: 7.02 min Scan# 344
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB84184BS

Tgt Ion: 93 Resp: 90524
 Ion Ratio Lower Upper
 93 100
 63 68.3 65.6 105.6
 95 33.5 13.6 53.6

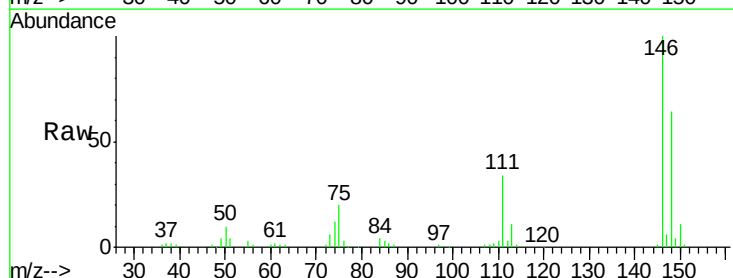


Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0

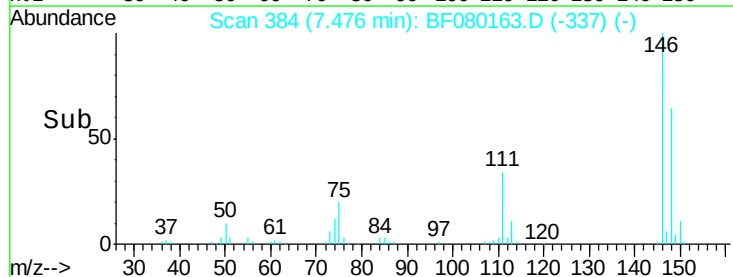
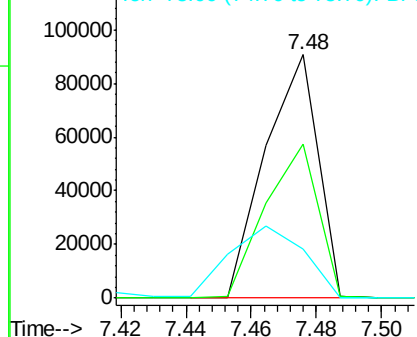


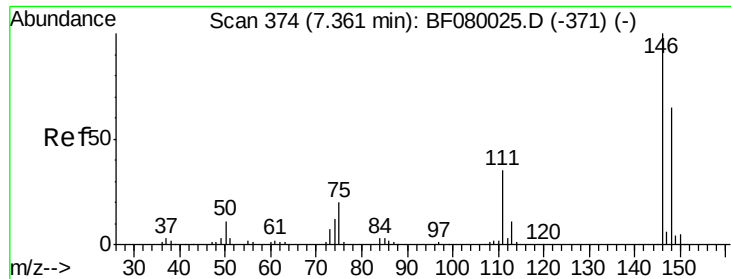
#12
 1,3-Dichlorobenzene
 Concen: 40.48 ng
 RT: 7.48 min Scan# 384
 Delta R.T. 0.24 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Tgt Ion: 146 Resp: 101846
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.0 76.4
 75 20.3 15.0 22.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

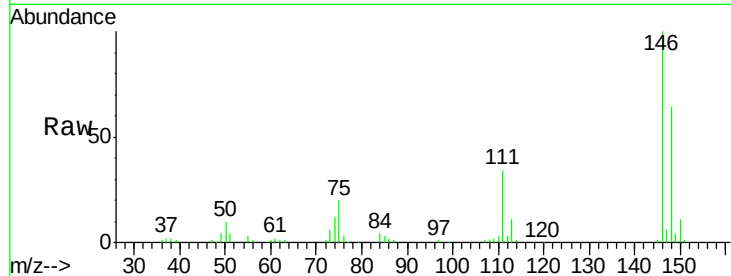




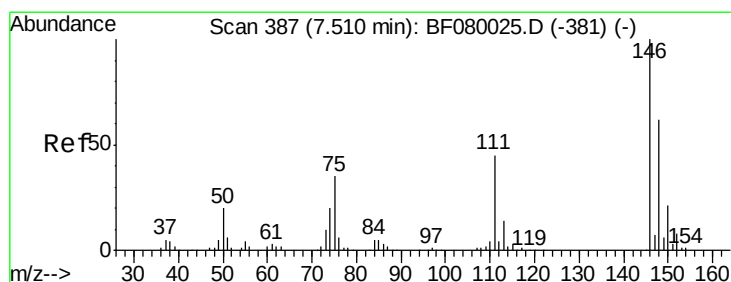
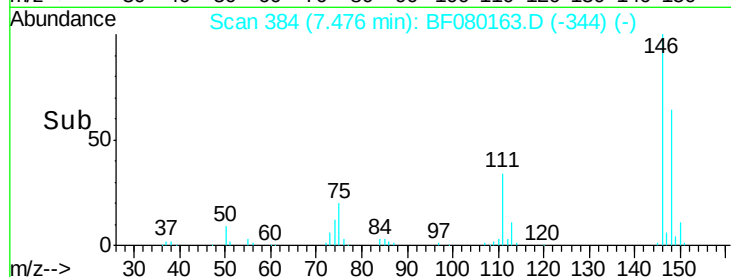
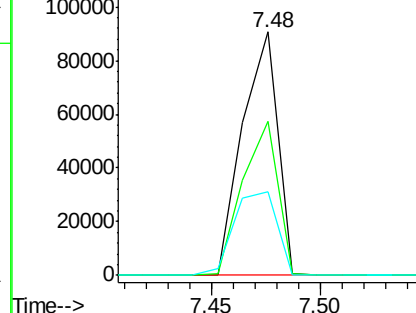
#13
 1,4-Dichlorobenzene
 Concen: 42.55 ng
 RT: 7.48 min Scan# 384
 Delta R.T. 0.16 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB84184BS

Tgt Ion:146 Resp: 101822
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.8 77.6
 111 34.2 24.9 37.3

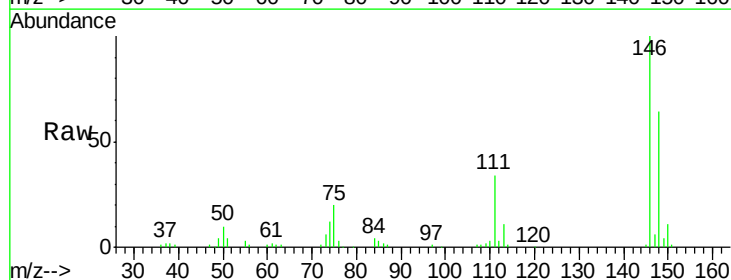


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

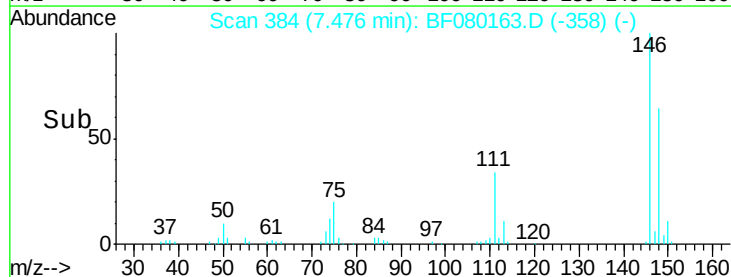
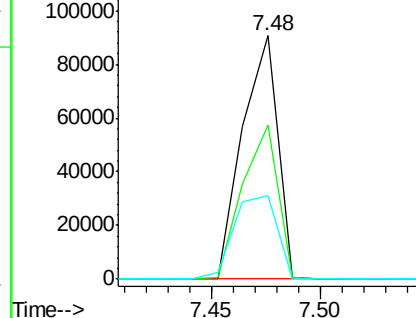


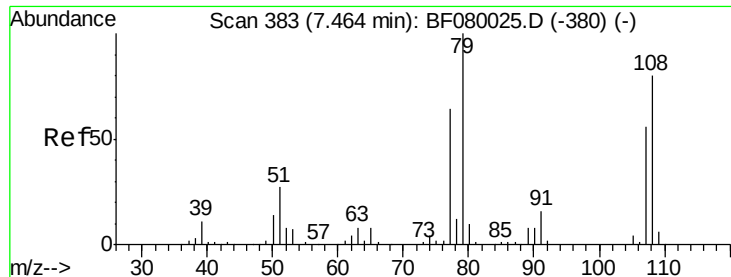
#14
 1,2-Dichlorobenzene
 Concen: 43.73 ng
 RT: 7.48 min Scan# 384
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Tgt Ion:146 Resp: 101822
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.7 79.1
 111 34.2 28.8 43.2



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





#15

Benzyl Alcohol

Concen: 43.64 ng

RT: 7.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Instrument :

BNA_F

ClientSampleId :

PB84184BS

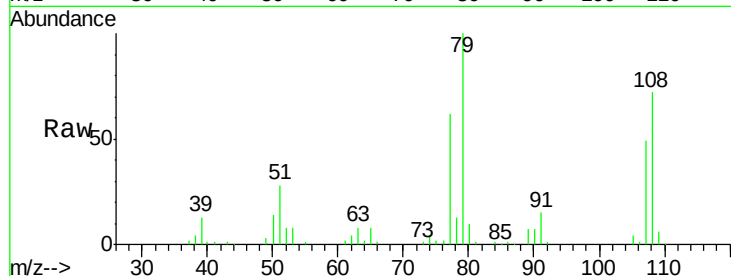
Tgt Ion: 79 Resp: 86051

Ion Ratio Lower Upper

79 100

108 71.5 88.6 132.8#

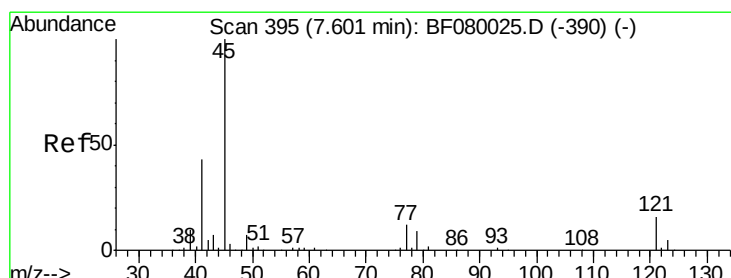
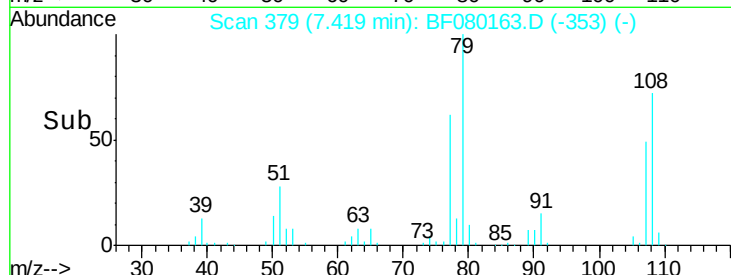
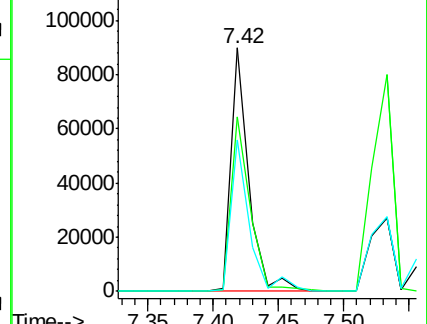
77 62.1 47.0 70.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 49.91 ng

RT: 7.57 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

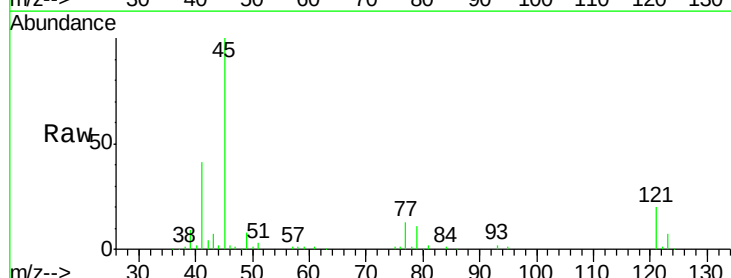
Tgt Ion: 45 Resp: 154689

Ion Ratio Lower Upper

45 100

77 13.4 0.0 28.1

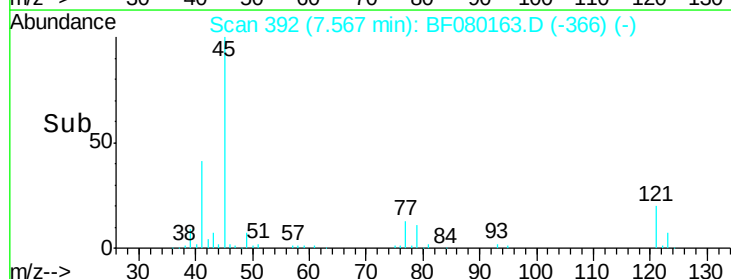
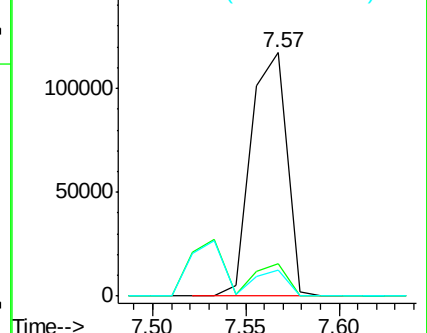
79 10.7 0.0 26.0

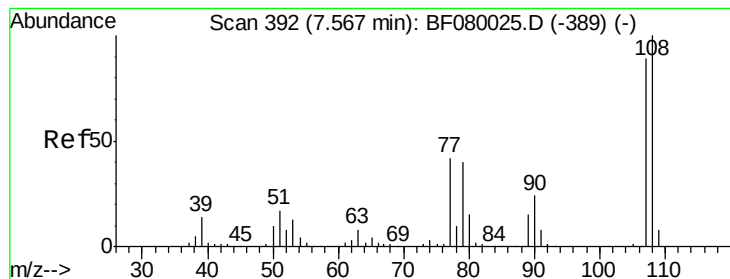


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

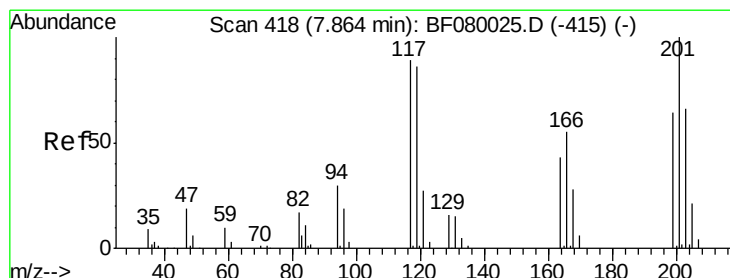
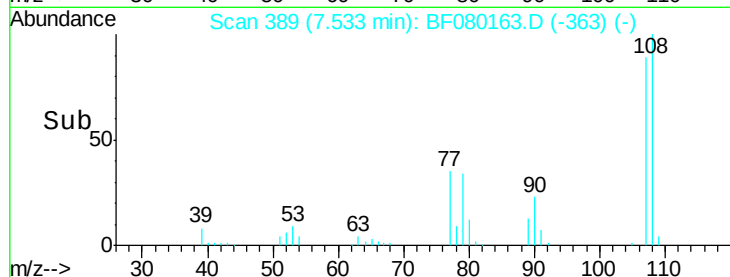
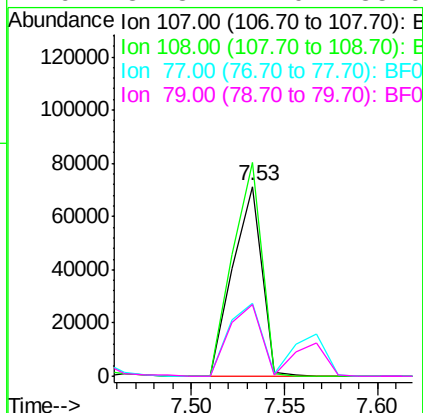
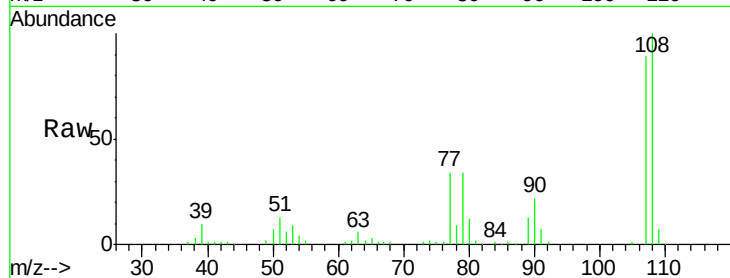




#17
 2-Methylphenol
 Concen: 43.42 ng
 RT: 7.53 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

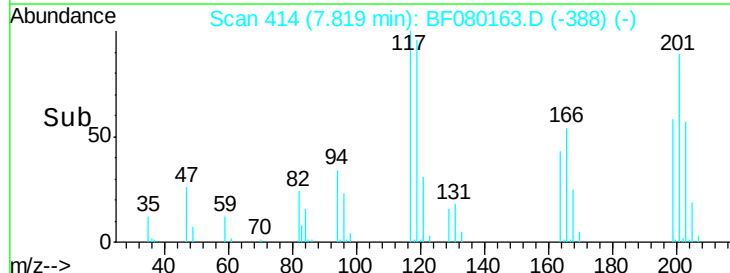
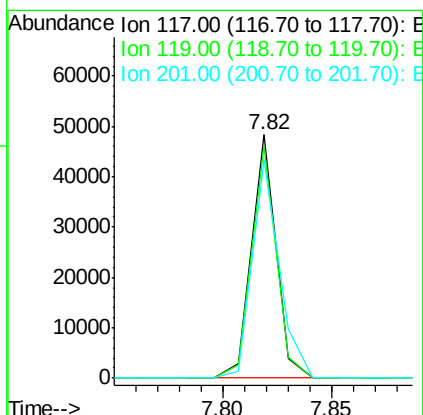
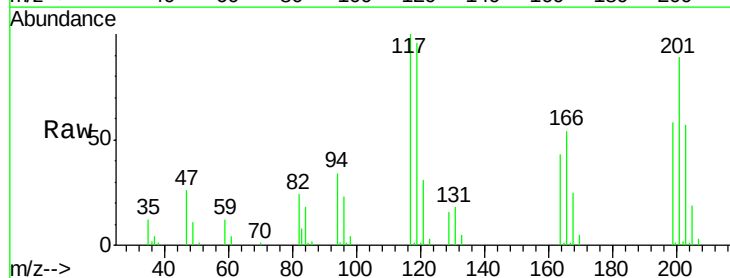
Instrument :
 BNA_F
 ClientSampleId :
 PB84184BS

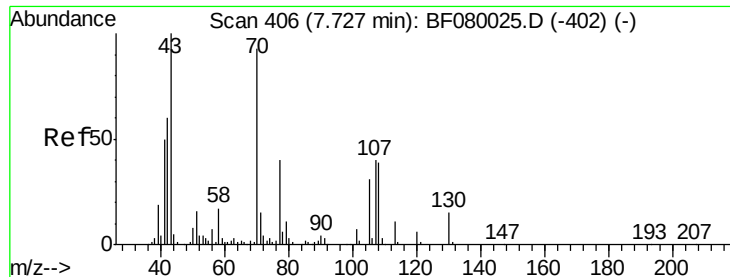
Tgt Ion:107 Resp: 77692
 Ion Ratio Lower Upper
 107 100
 108 112.7 96.6 145.0
 77 38.7 23.3 34.9#
 79 37.8 22.0 33.0#



#18
 Hexachloroethane
 Concen: 47.55 ng
 RT: 7.82 min Scan# 414
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Tgt Ion:117 Resp: 37885
 Ion Ratio Lower Upper
 117 100
 119 95.5 83.8 125.6
 201 89.3 55.1 82.7#

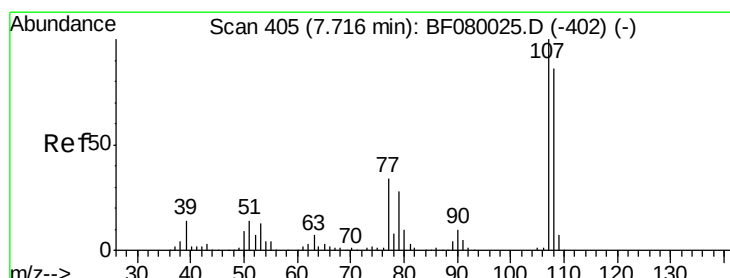
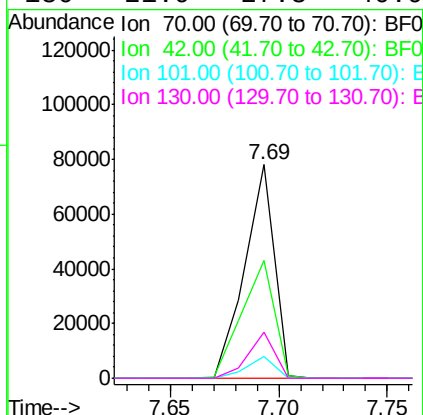
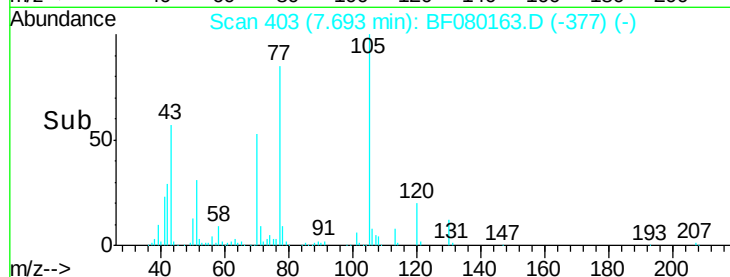
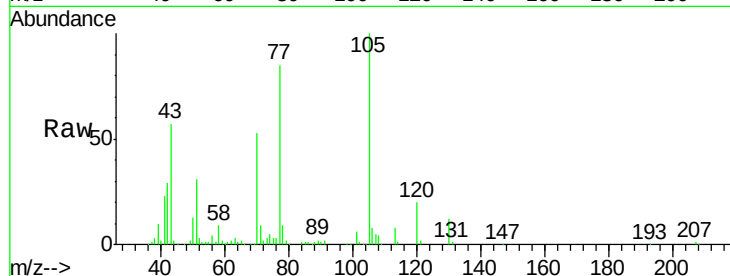




#19
n-Nitroso-di-n-propylamine
Concen: 43.92 ng
RT: 7.69 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF080163.D
Acq: 25 Jun 2015 13:51

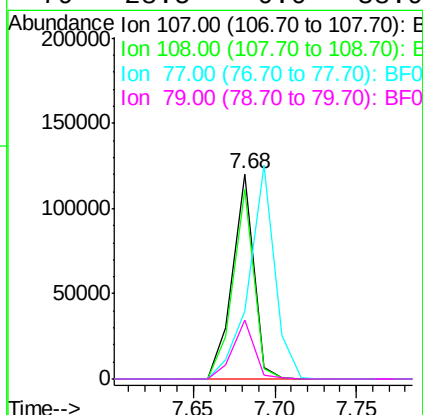
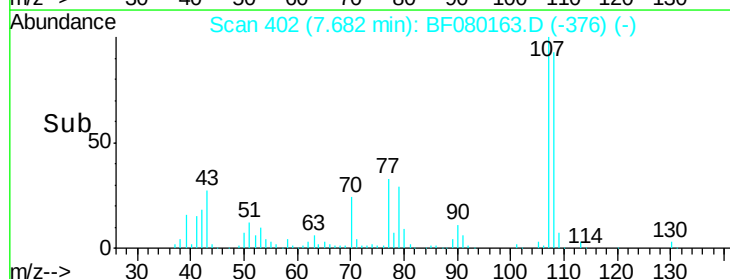
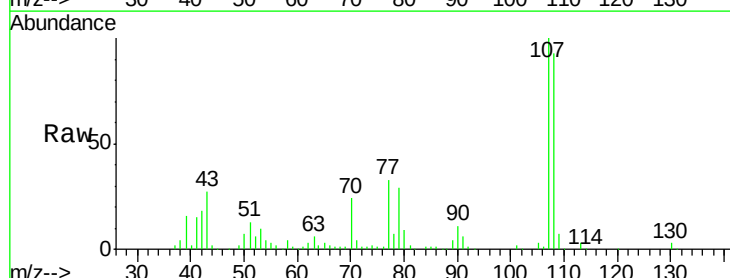
Instrument :
BNA_F
ClientSampleId :
PB84184BS

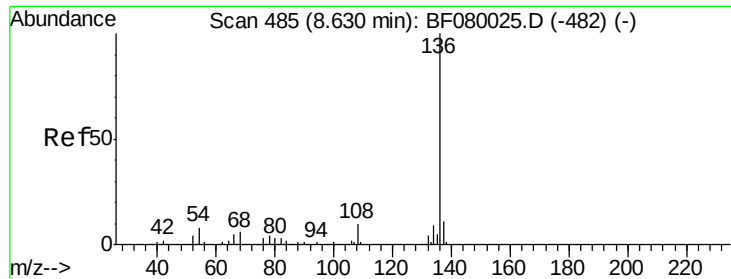
Tgt Ion: 70 Resp: 73543
Ion Ratio Lower Upper
70 100
42 55.2 63.8 95.6#
101 10.4 9.2 13.8
130 21.9 27.3 40.9#



#20
3+4-Methylphenols
Concen: 47.09 ng
RT: 7.68 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF080163.D
Acq: 25 Jun 2015 13:51

Tgt Ion: 107 Resp: 108737
Ion Ratio Lower Upper
107 100
108 92.6 74.6 114.6
77 33.2 0.7 40.7
79 28.5 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.58 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Instrument :

BNA_F

ClientSampleId :

PB84184BS

Tgt Ion:136 Resp: 126447

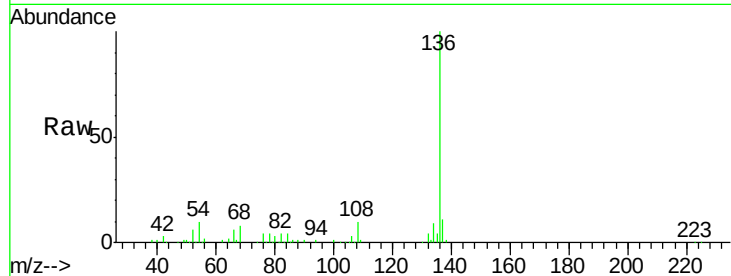
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 10.3 8.2 12.2

68 8.2 5.8 8.6



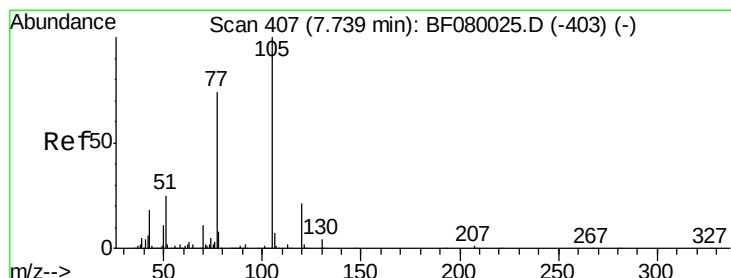
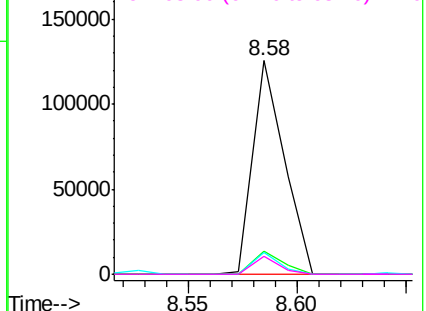
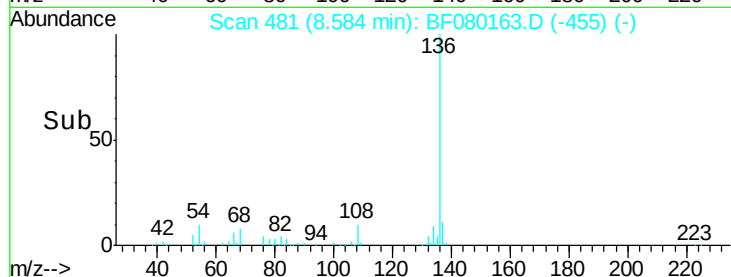
Abundance

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: 45.11 ng

RT: 7.69 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Tgt Ion:105 Resp: 132925

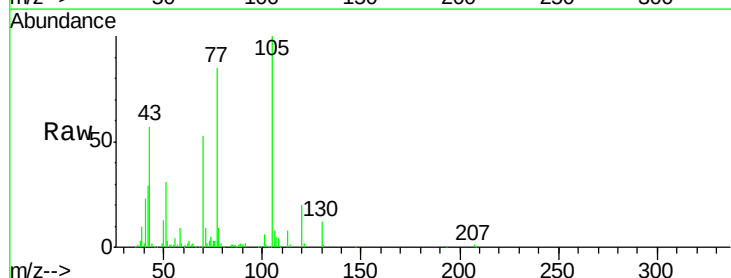
Ion Ratio Lower Upper

105 100

71 8.5 4.7 7.1#

51 31.3 22.0 33.0

120 20.2 30.1 45.1#



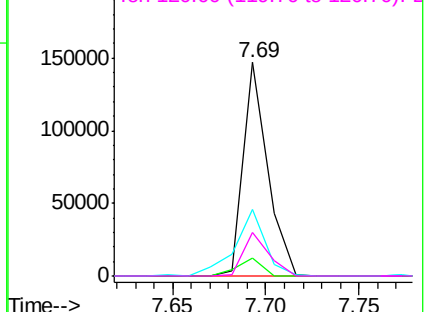
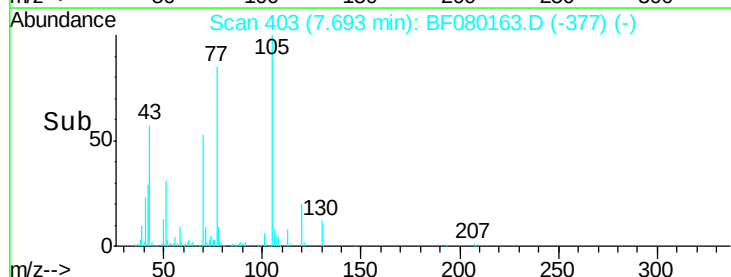
Abundance

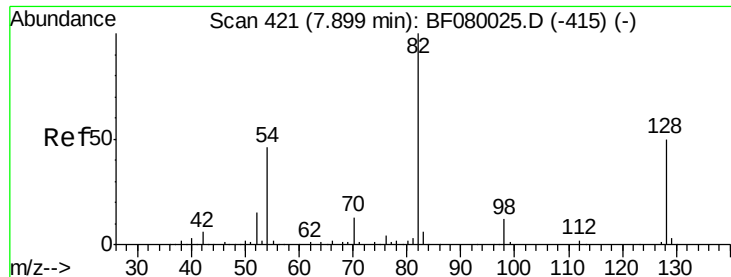
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

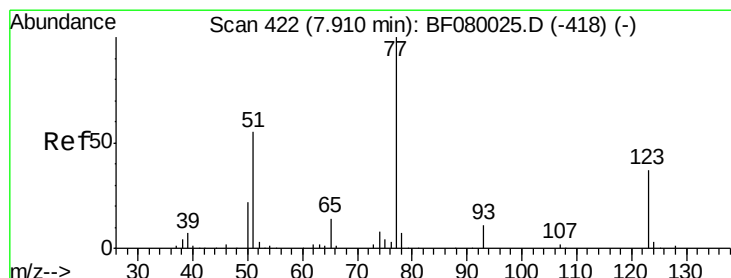
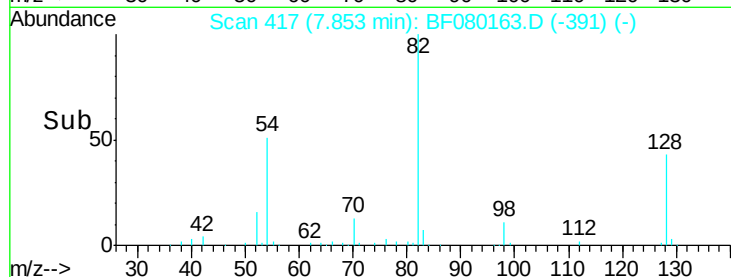
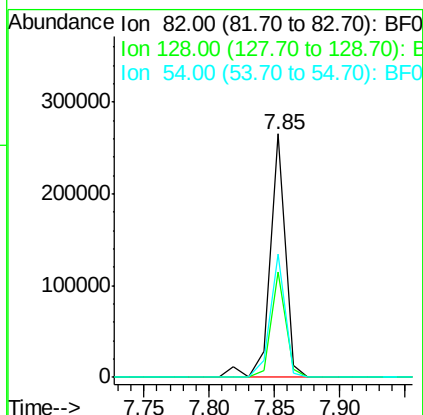
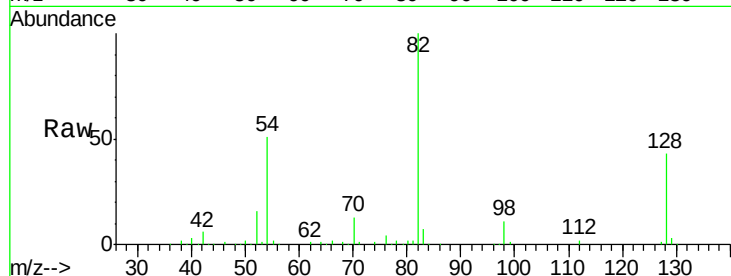




#23
 Nitrobenzene-d5
 Concen: 101.40 ng
 RT: 7.85 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

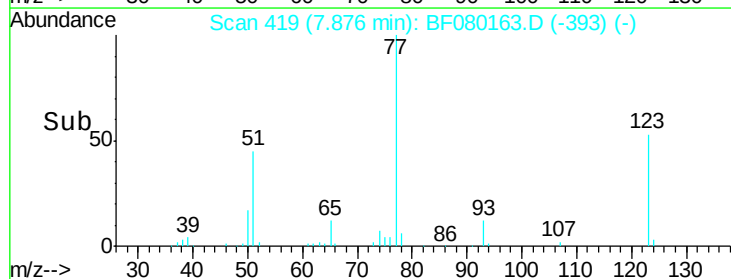
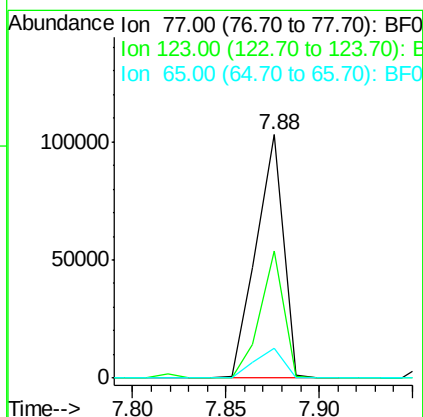
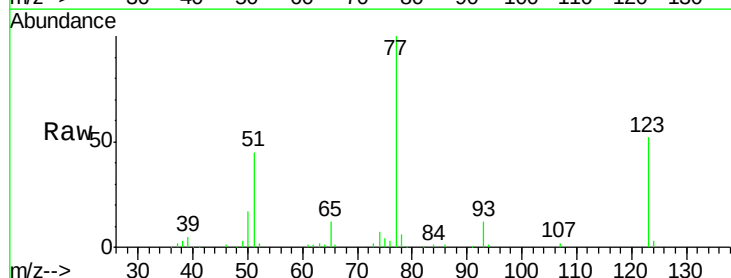
Instrument :
 BNA_F
 ClientSampleId :
 PB84184BS

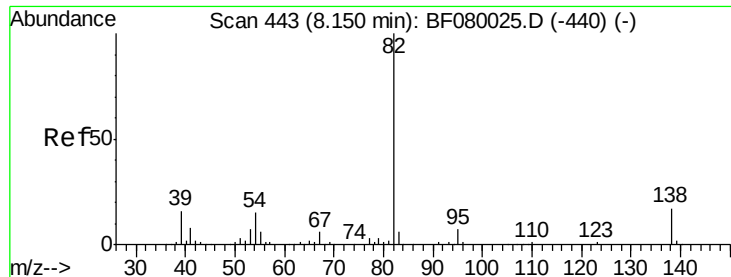
Tgt Ion: 82 Resp: 220239
 Ion Ratio Lower Upper
 82 100
 128 43.2 51.0 76.6#
 54 50.7 47.5 71.3



#24
 Nitrobenzene
 Concen: 46.41 ng
 RT: 7.88 min Scan# 419
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Tgt Ion: 77 Resp: 104049
 Ion Ratio Lower Upper
 77 100
 123 52.5 59.8 89.8#
 65 12.3 10.2 15.4





#25

Isophorone

Concen: 41.21 ng

RT: 8.10 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Instrument :

BNA_F

ClientSampleId :

PB84184BS

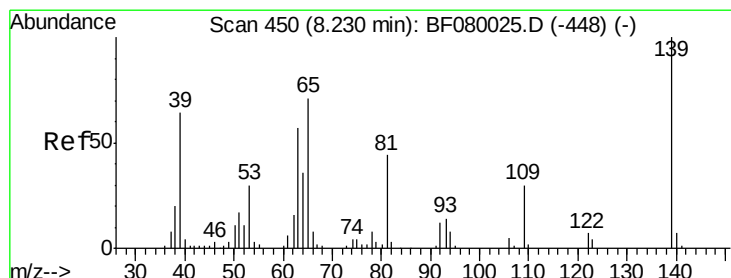
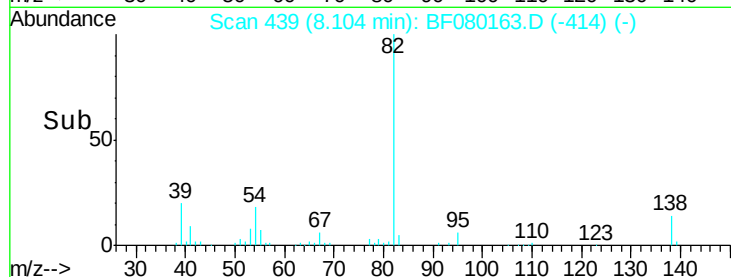
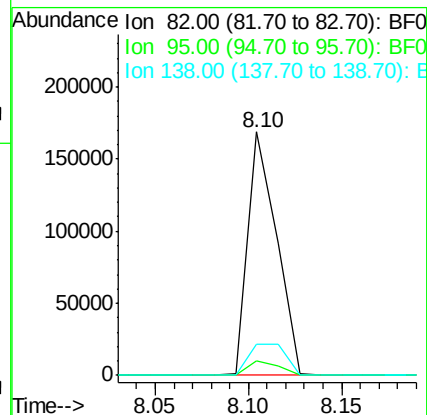
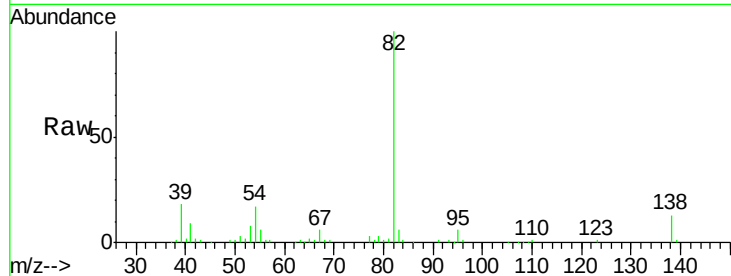
Tgt Ion: 82 Resp: 180127

Ion Ratio Lower Upper

82 100

95 6.2 4.0 6.0#

138 12.9 18.3 27.5#



#26

2-Nitrophenol

Concen: 55.46 ng

RT: 8.20 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

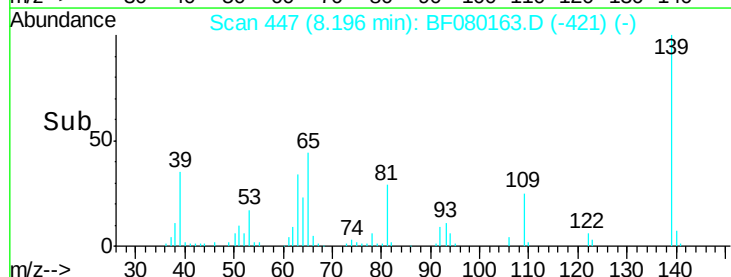
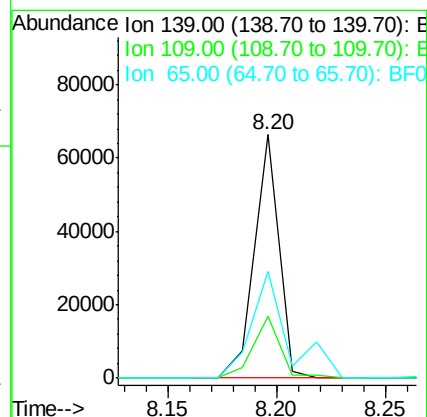
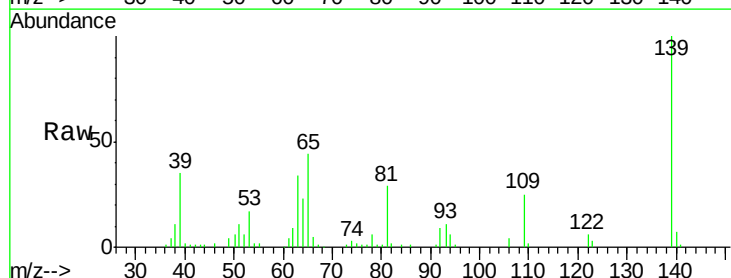
Tgt Ion: 139 Resp: 52043

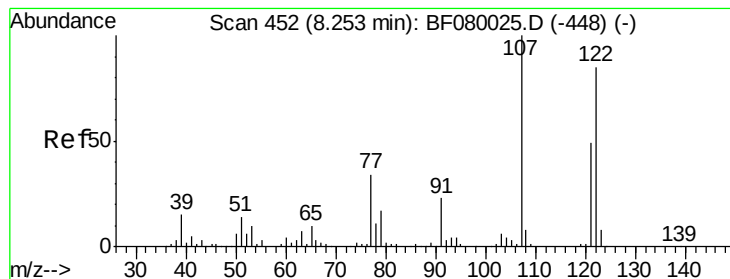
Ion Ratio Lower Upper

139 100

109 25.4 11.0 16.4#

65 43.9 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 49.49 ng

RT: 8.22 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Instrument :

BNA_F

ClientSampleId :

PB84184BS

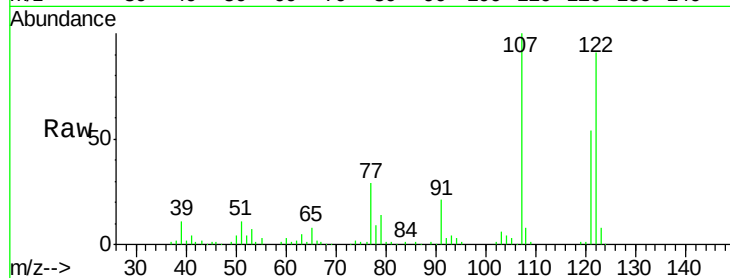
Tgt Ion:122 Resp: 96836

Ion Ratio Lower Upper

122 100

107 109.7 71.8 107.6#

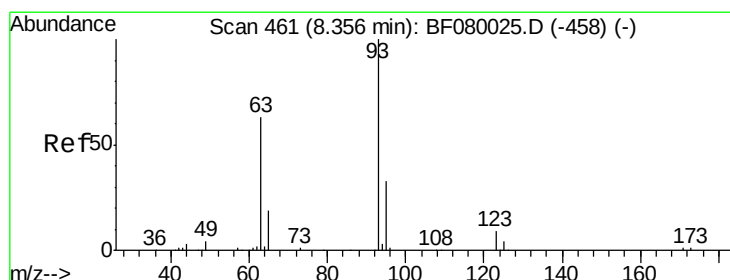
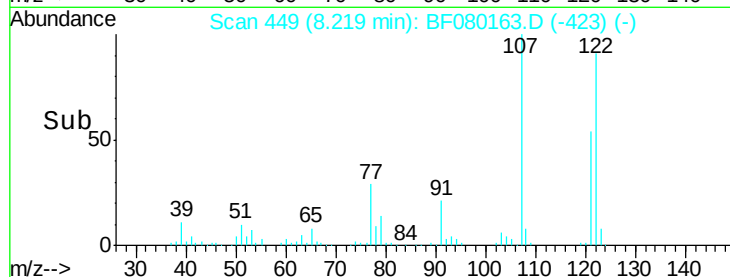
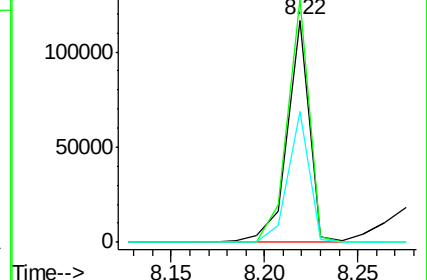
121 59.2 42.3 63.5



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: 43.17 ng

RT: 8.31 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

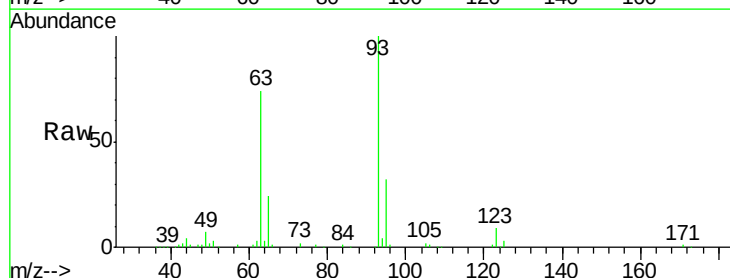
Tgt Ion: 93 Resp: 110865

Ion Ratio Lower Upper

93 100

95 31.6 27.5 41.3

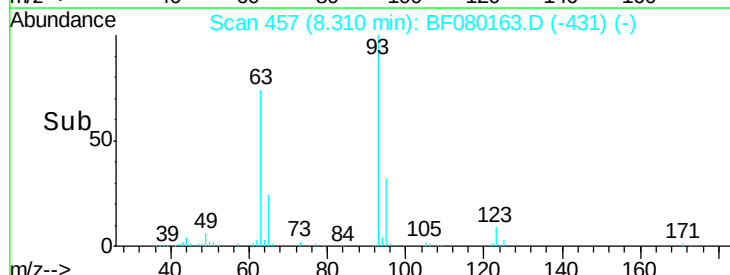
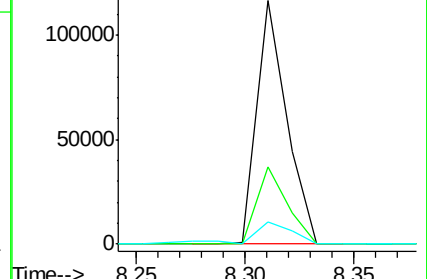
123 8.9 13.7 20.5#

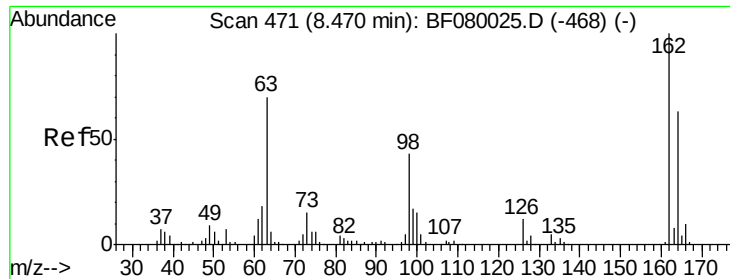


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

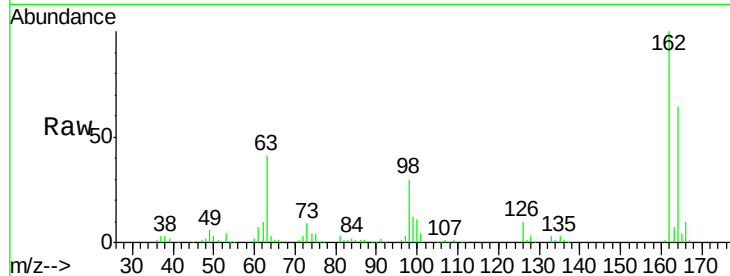




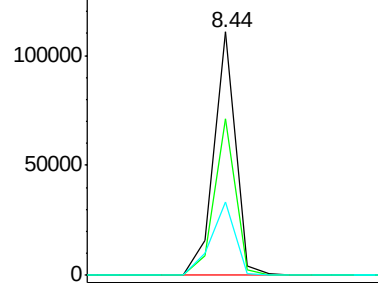
#29
 2,4-Dichlorophenol
 Concen: 53.67 ng
 RT: 8.44 min Scan# 468
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB84184BS

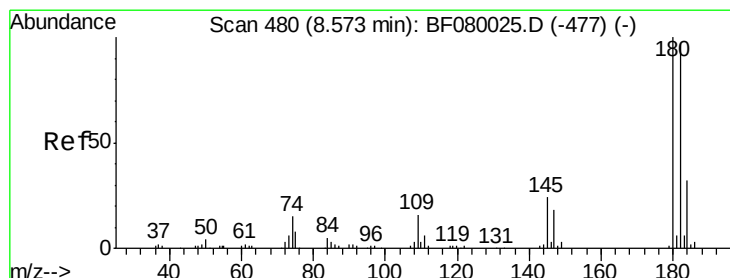
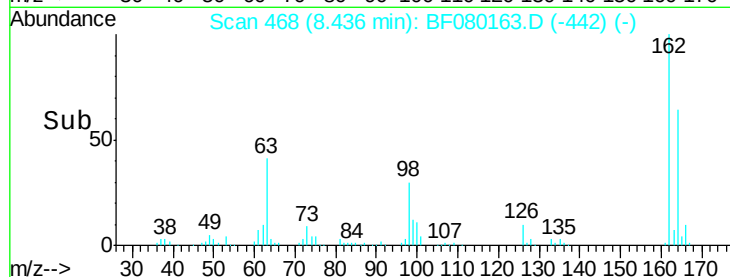
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.9	84.9
98	30.3	13.0	53.0



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

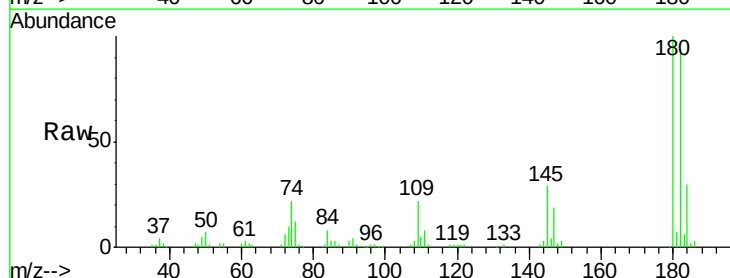


Time-->

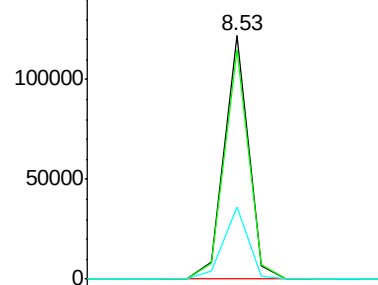


#30
 1,2,4-Trichlorobenzene
 Concen: 49.58 ng
 RT: 8.53 min Scan# 476
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

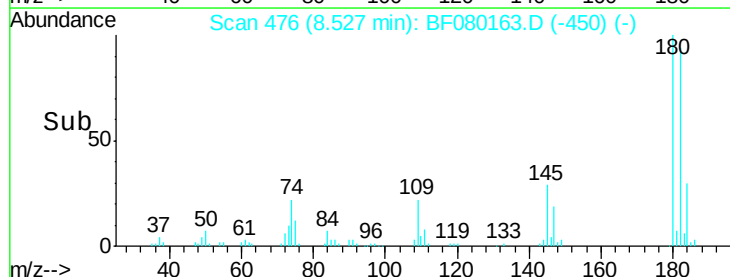
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	77.1	115.7
145	29.4	23.3	34.9

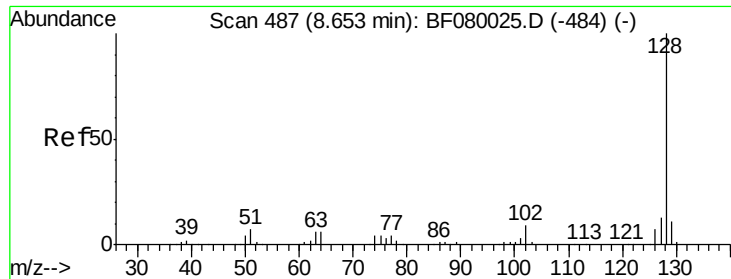


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E



Time-->

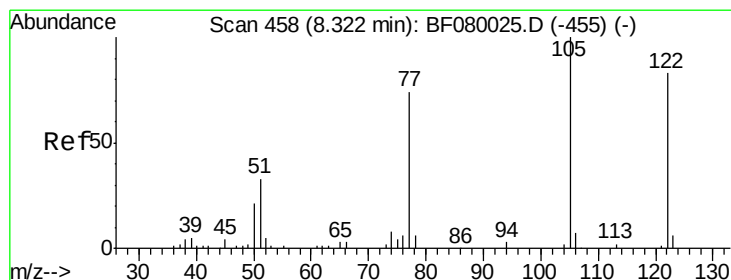
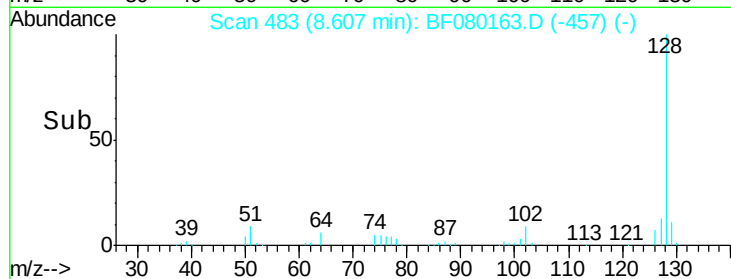
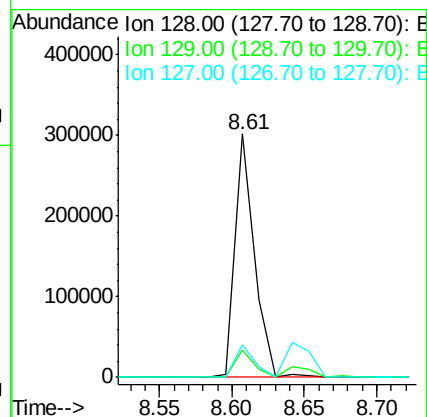
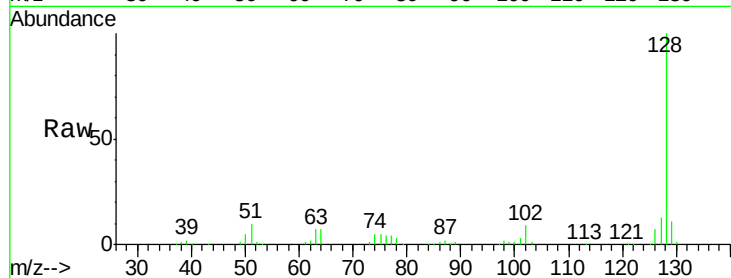




#31
Naphthalene
Concen: 42.42 ng
RT: 8.61 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF080163.D
Acq: 25 Jun 2015 13:51

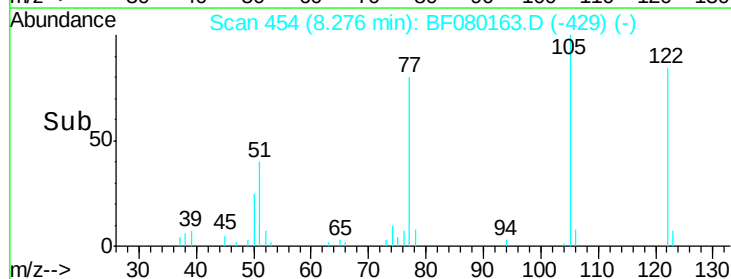
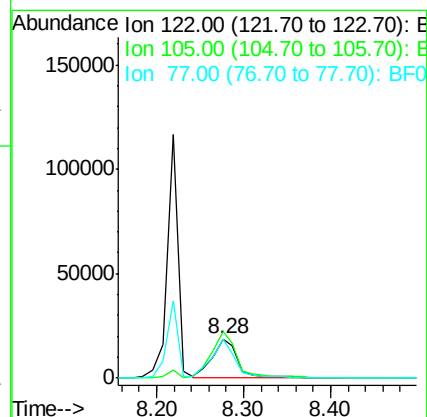
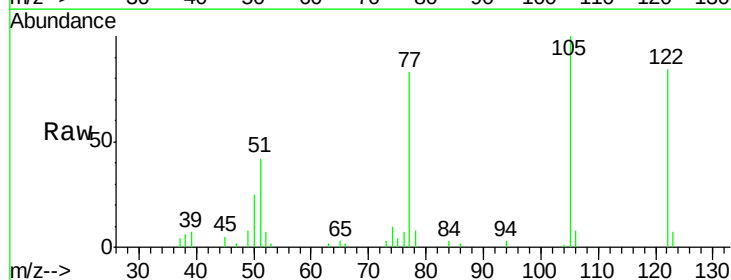
Instrument :
BNA_F
ClientSampleId :
PB84184BS

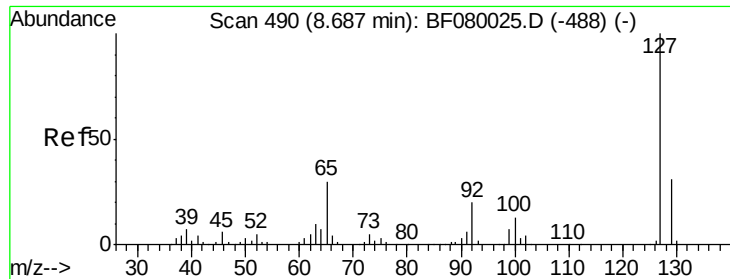
Tgt Ion:128 Resp: 280441
Ion Ratio Lower Upper
128 100
129 11.4 8.4 12.6
127 13.3 9.9 14.9



#32
Benzoic acid
Concen: 33.29 ng
RT: 8.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF080163.D
Acq: 25 Jun 2015 13:51

Tgt Ion:122 Resp: 39382
Ion Ratio Lower Upper
122 100
105 118.7 76.1 116.1#
77 98.3 40.5 80.5#

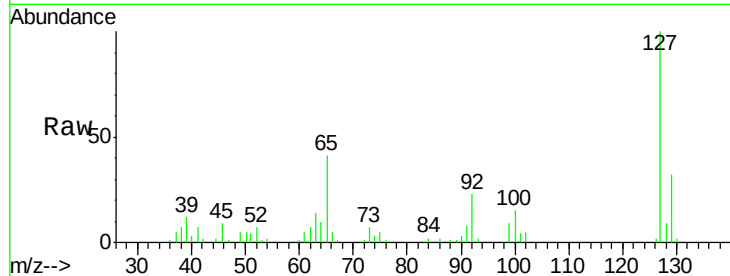




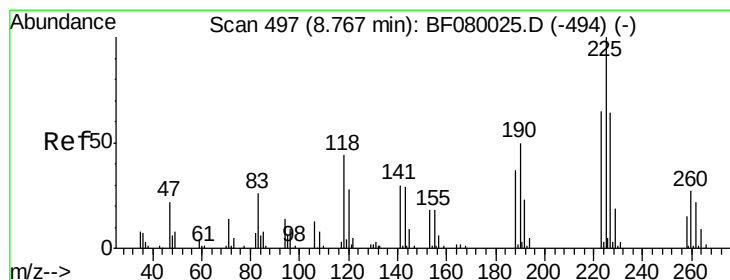
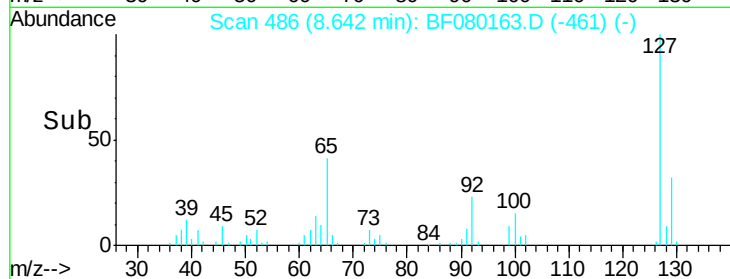
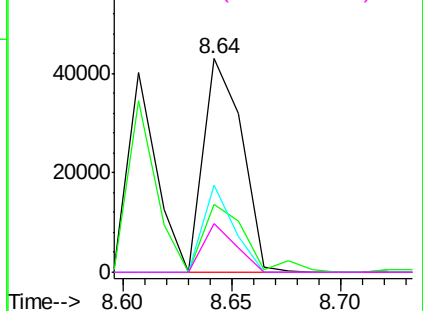
#33
4-Chloroaniline
Concen: 18.46 ng
RT: 8.64 min Scan# 486
Delta R.T. -0.01 min
Lab File: BF080163.D
Acq: 25 Jun 2015 13:51

Instrument :
BNA_F
ClientSampleId :
PB84184BS

Tgt Ion:	127	Resp:	52224
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.6
65	40.6	17.9	26.9#
92	22.6	10.5	15.7#

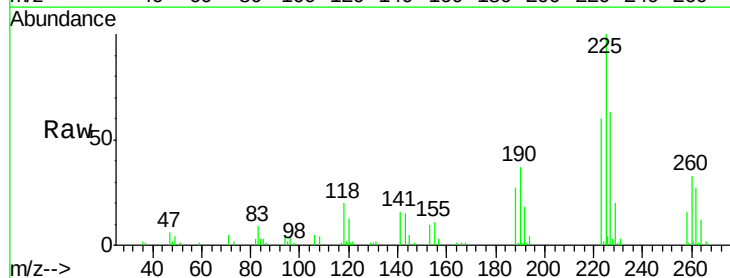


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

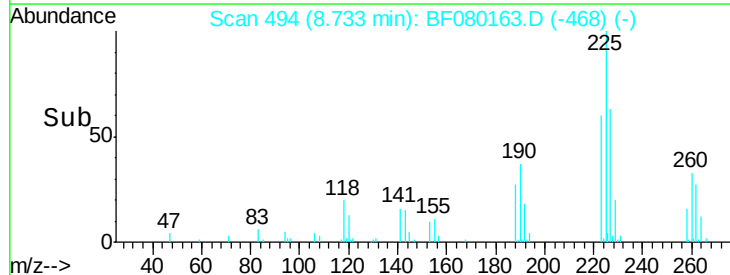
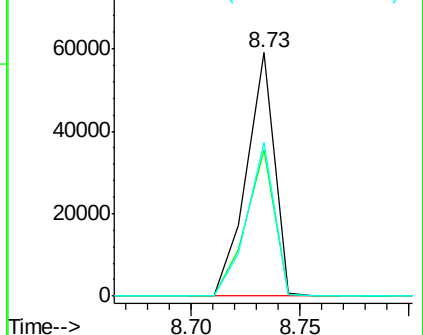


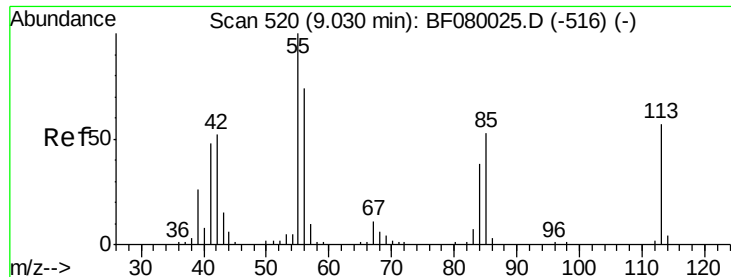
#34
Hexachlorobutadiene
Concen: 45.02 ng
RT: 8.73 min Scan# 494
Delta R.T. -0.00 min
Lab File: BF080163.D
Acq: 25 Jun 2015 13:51

Tgt Ion:	225	Resp:	52748
Ion	Ratio	Lower	Upper
225	100		
223	60.0	50.2	75.2
227	63.1	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

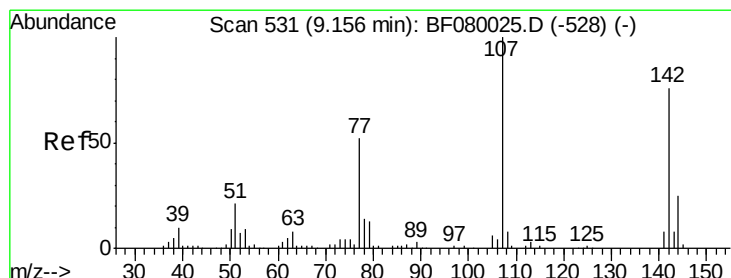
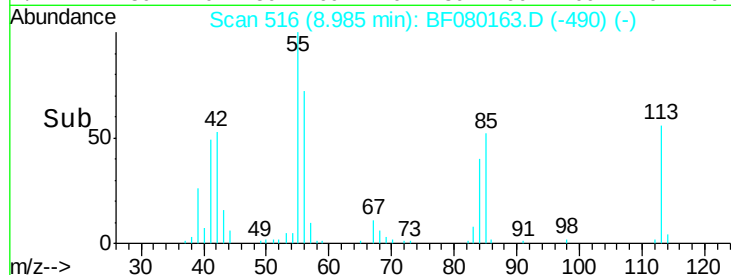
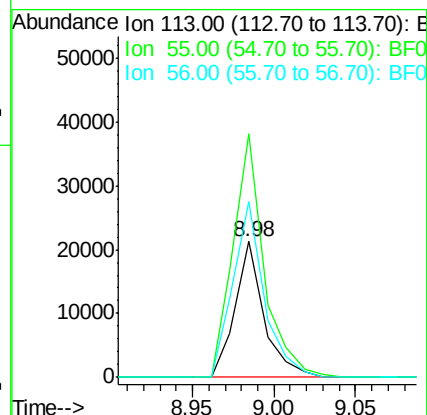
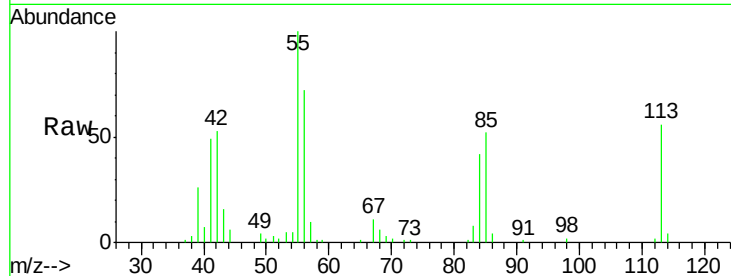




#35
 Caprolactam
 Concen: 47.59 ng
 RT: 8.98 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

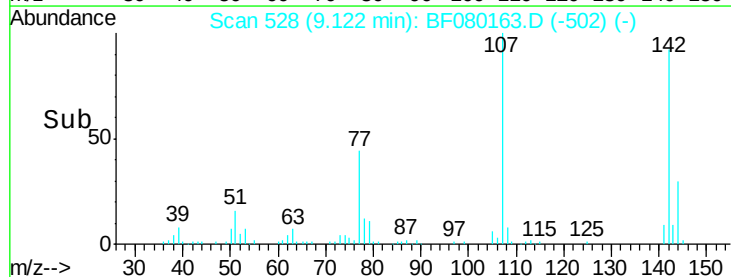
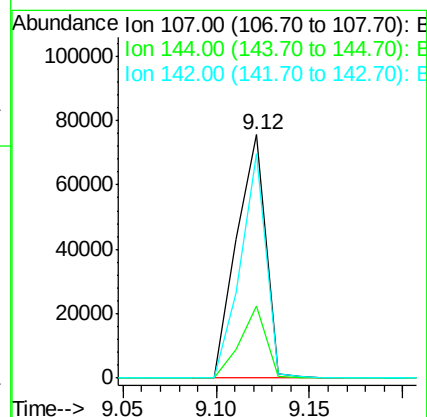
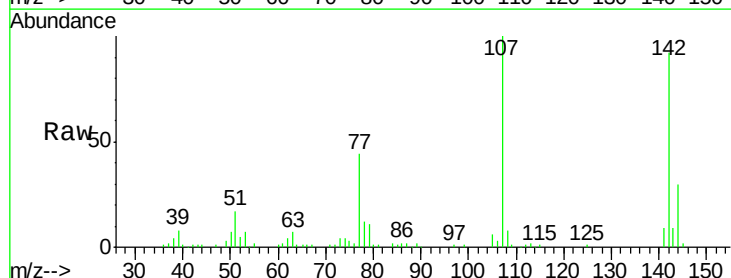
Instrument :
 BNA_F
 ClientSampleId :
 PB84184BS

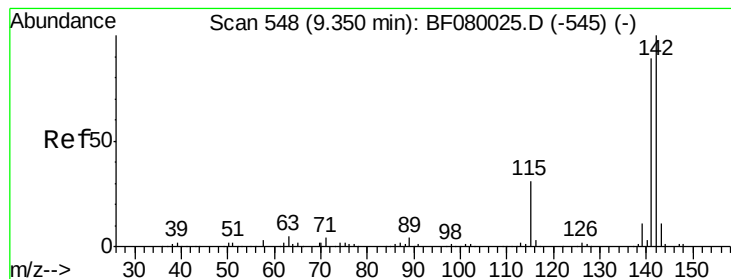
Tgt Ion:113 Resp: 25883
 Ion Ratio Lower Upper
 113 100
 55 179.0 152.4 192.4
 56 129.1 104.6 144.6



#36
 4-Chloro-3-methylphenol
 Concen: 43.65 ng
 RT: 9.12 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Tgt Ion:107 Resp: 82504
 Ion Ratio Lower Upper
 107 100
 144 29.7 25.4 38.0
 142 91.9 77.3 115.9





#37

2-Methylnaphthalene

Concen: 48.26 ng

RT: 9.30 min Scan# 544

Delta R.T. -0.00 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Instrument :

BNA_F

ClientSampleId :

PB84184BS

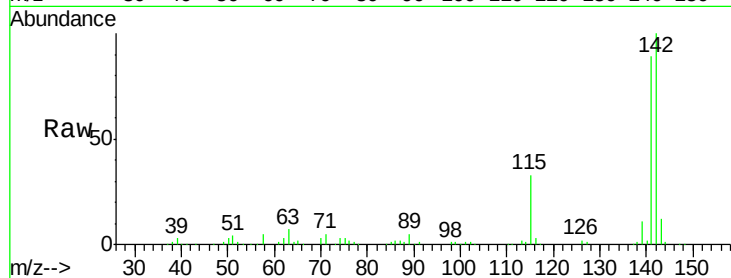
Tgt Ion:142 Resp: 206396

Ion Ratio Lower Upper

142 100

141 88.9 67.5 101.3

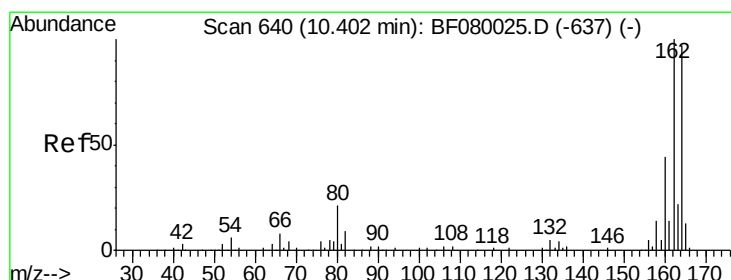
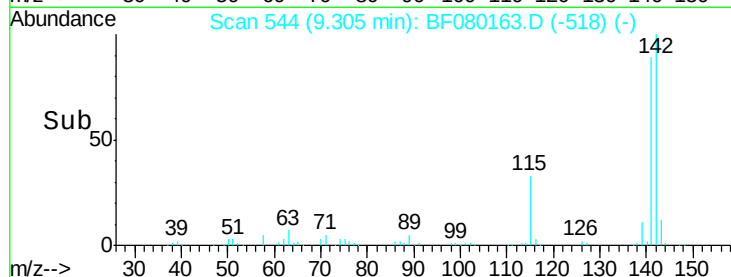
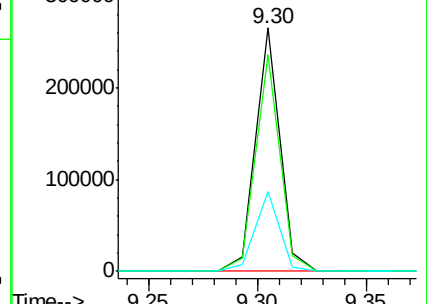
115 32.7 18.2 27.2#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.36 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

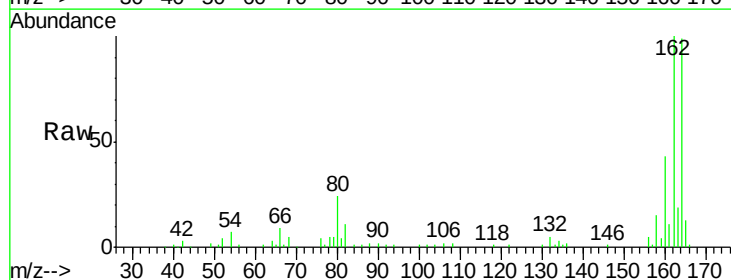
Tgt Ion:164 Resp: 64916

Ion Ratio Lower Upper

164 100

162 100.9 75.2 112.8

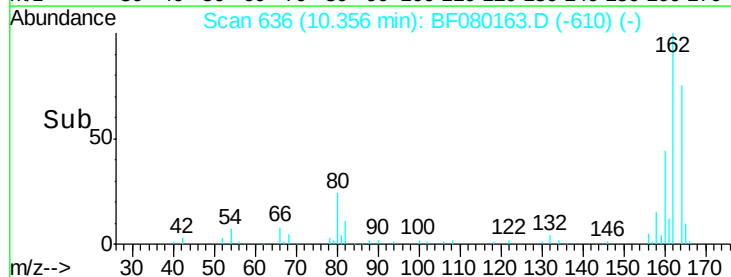
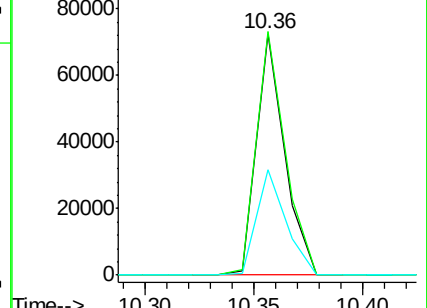
160 43.7 31.5 47.3

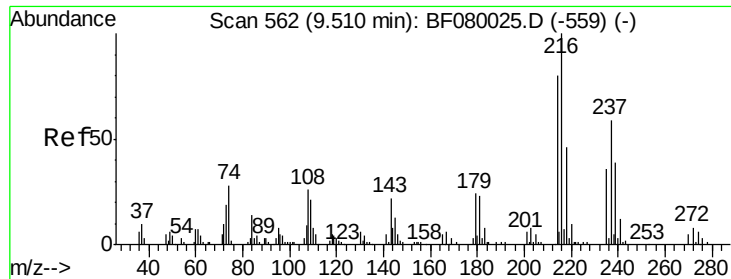


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.70 ng

RT: 9.48 min Scan# 559

Delta R.T. -0.00 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Instrument :

BNA_F

ClientSampleId :

PB84184BS

Tgt Ion:216 Resp: 93894

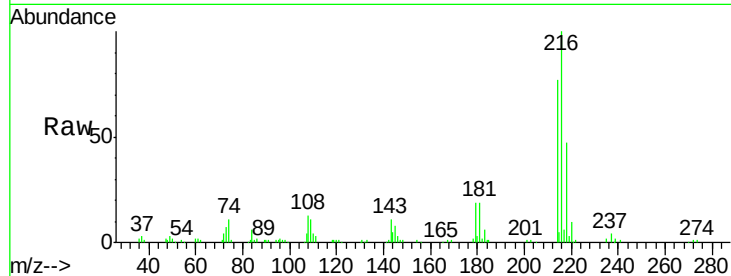
Ion Ratio Lower Upper

216 100

214 78.0 63.5 95.3

179 20.3 16.6 24.8

108 18.9 16.3 24.5

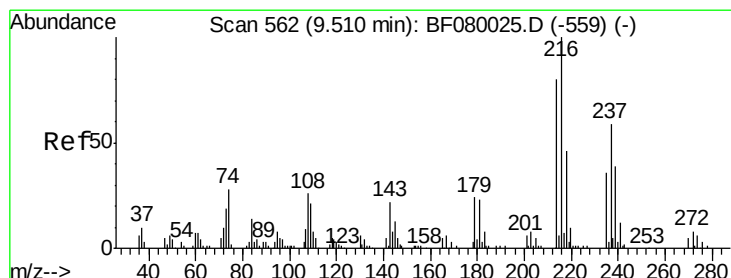
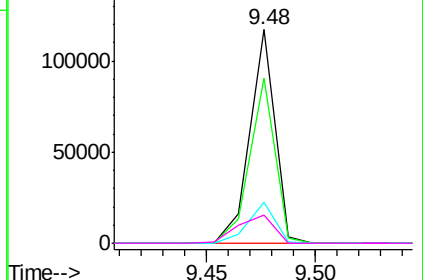
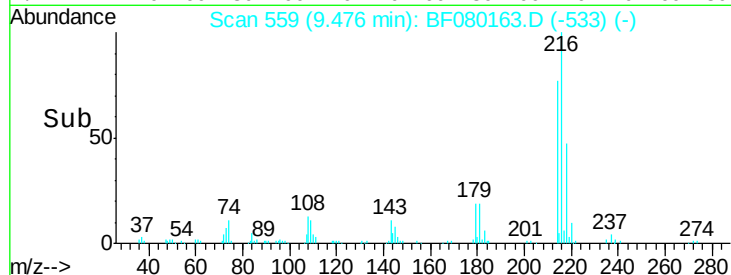


Abundance Ion 216.00 (215.70 to 216.70): E

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: 94.61 ng

RT: 9.46 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

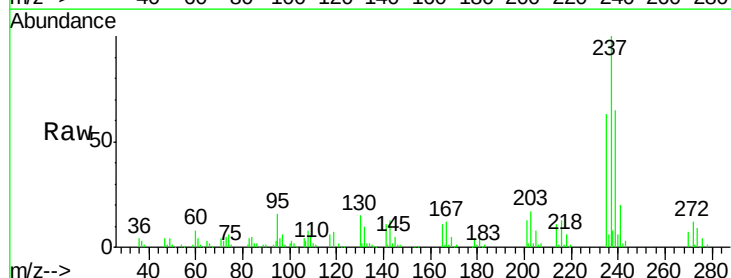
Tgt Ion:237 Resp: 93172

Ion Ratio Lower Upper

237 100

235 63.3 42.0 82.0

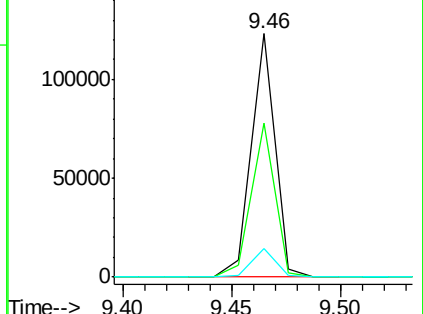
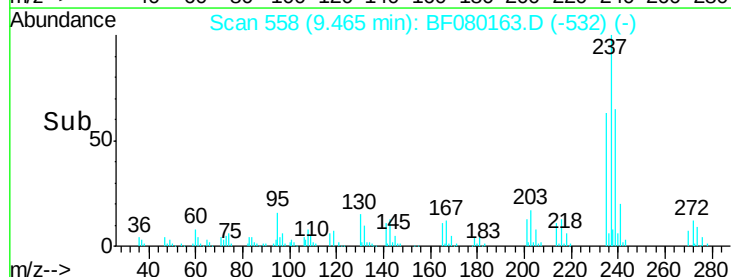
272 11.7 0.0 36.1

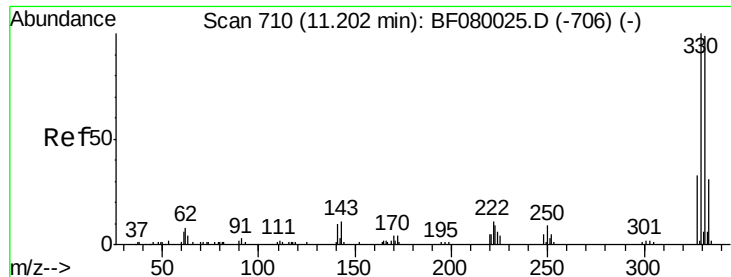


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

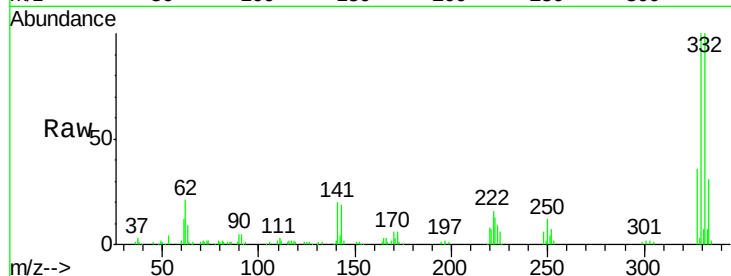




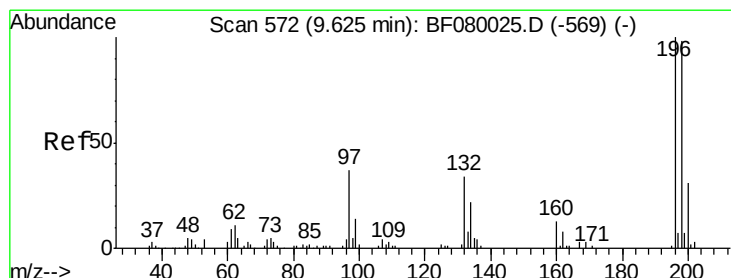
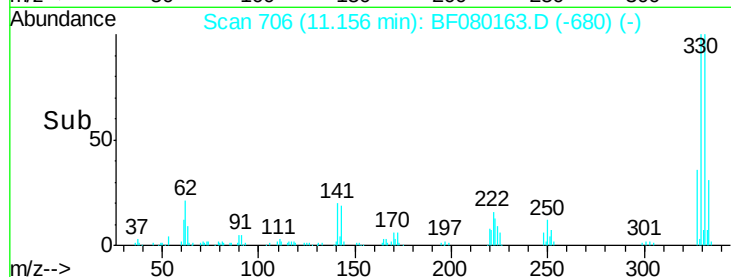
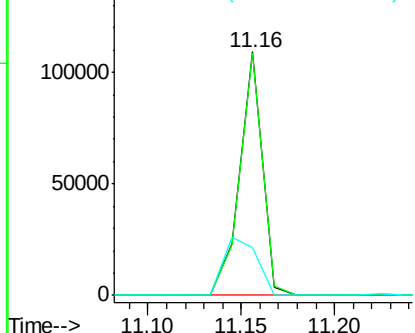
#41
 2,4,6-Tribromophenol
 Concen: 147.51 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB84184BS

Tgt Ion:330 Resp: 93635
 Ion Ratio Lower Upper
 330 100
 332 99.6 76.6 114.8
 141 35.0 29.7 44.5

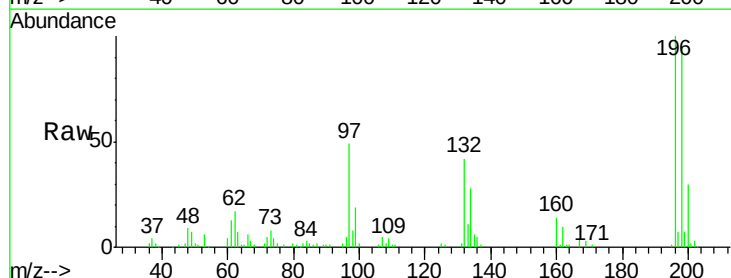


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

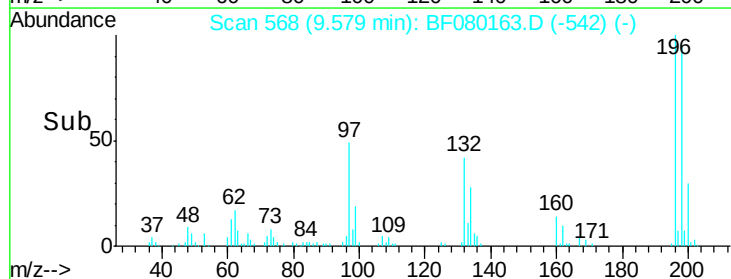
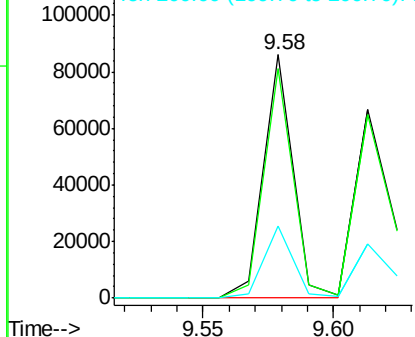


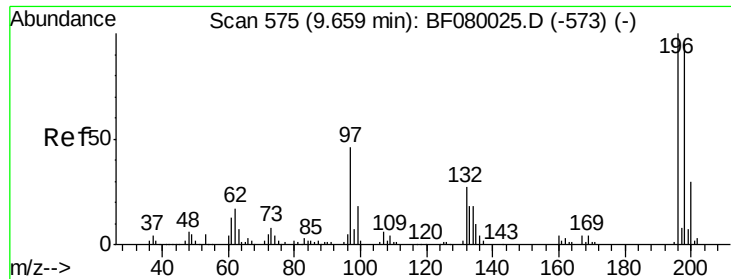
#42
 2,4,6-Trichlorophenol
 Concen: 51.94 ng
 RT: 9.58 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Tgt Ion:196 Resp: 66767
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.7 113.5
 200 29.6 23.9 35.9



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

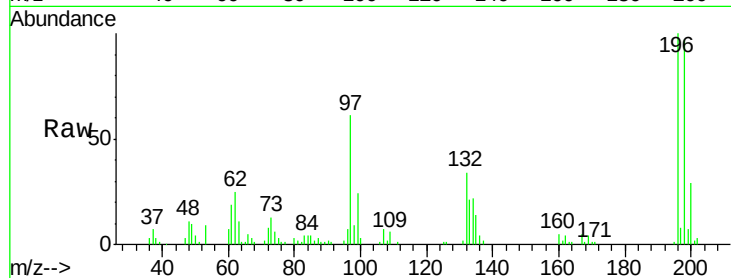




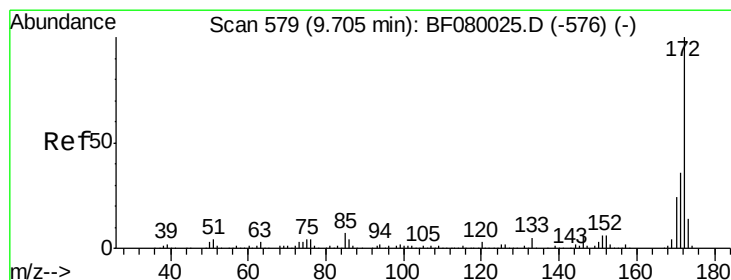
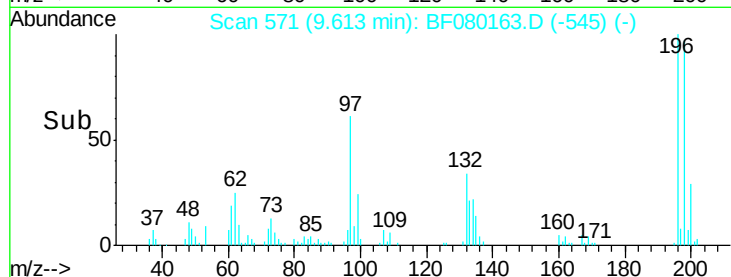
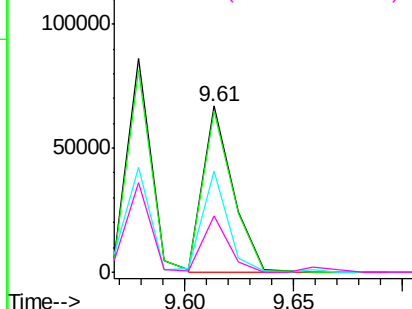
#43
 2,4,5-Trichlorophenol
 Concen: 42.71 ng
 RT: 9.61 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB84184BS

Tgt Ion:	196	Resp:	63252
Ion	Ratio	Lower	Upper
196	100		
198	96.9	75.4	113.0
97	60.6	33.3	49.9#
132	33.7	24.6	37.0



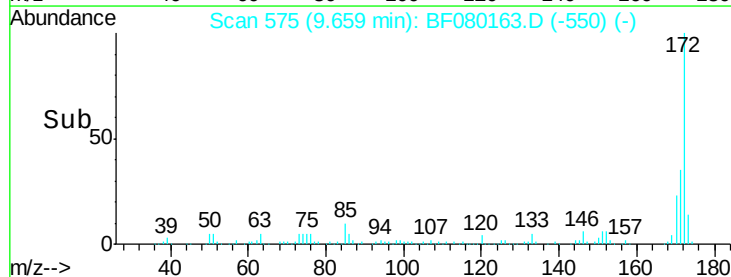
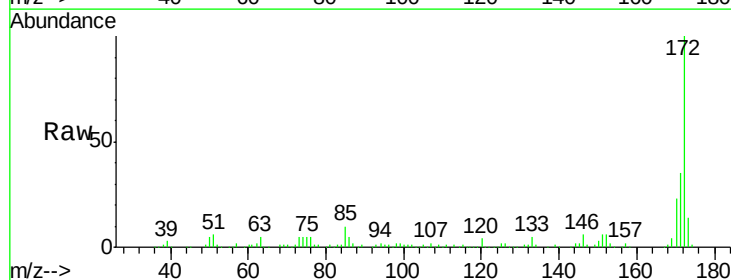
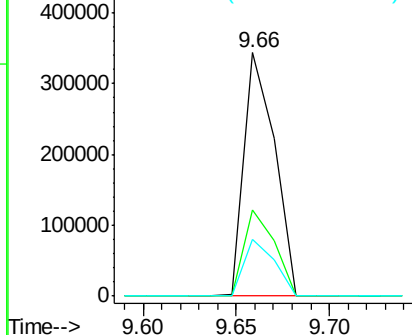
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

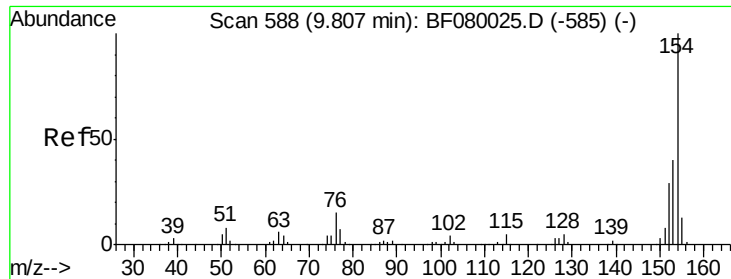


#44
 2-Fluorobiphenyl
 Concen: 85.72 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.01 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Tgt Ion:	172	Resp:	390190
Ion	Ratio	Lower	Upper
172	100		
171	35.4	26.1	39.1
170	23.5	17.4	26.2

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

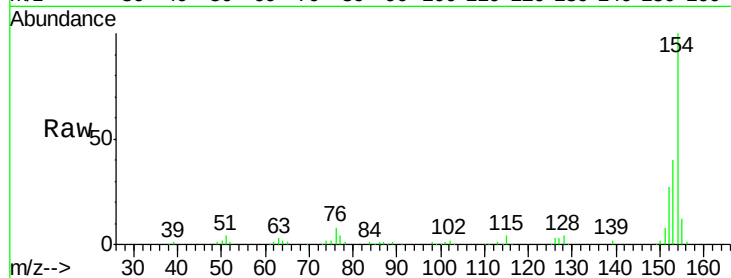




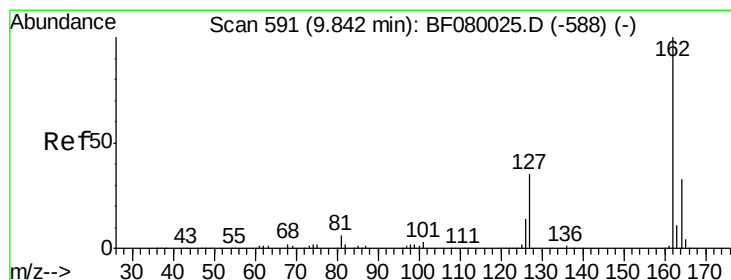
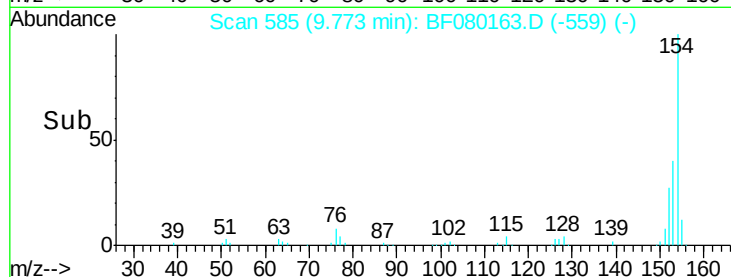
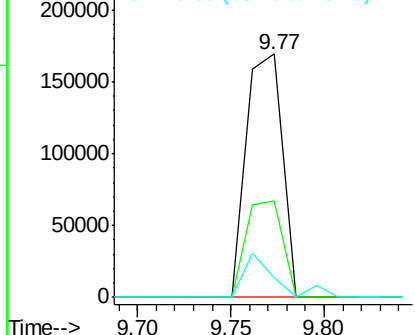
#45
 1,1'-Biphenyl
 Concen: 42.81 ng
 RT: 9.77 min Scan# 585
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB84184BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.6	17.1	57.1
76	8.1	0.0	31.6

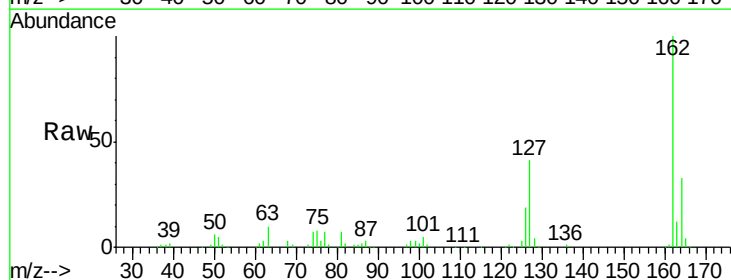


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

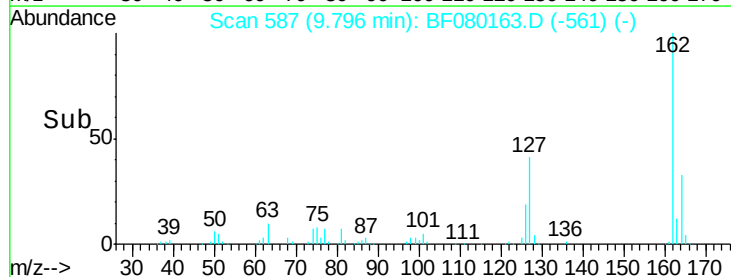
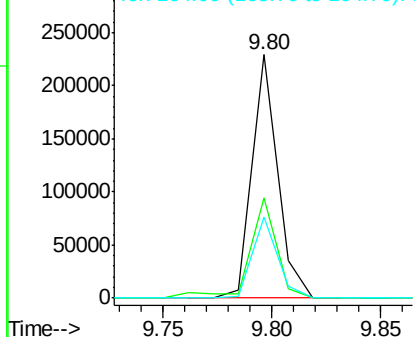


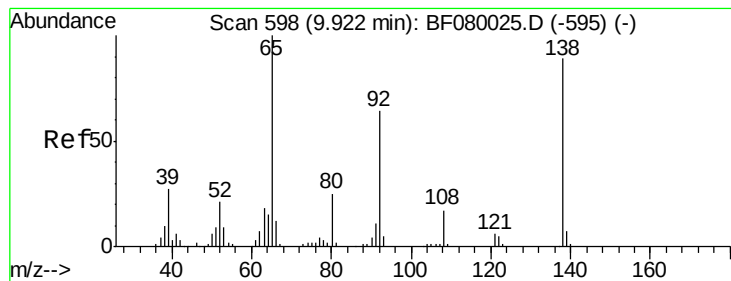
#46
 2-Chloronaphthalene
 Concen: 43.62 ng
 RT: 9.80 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.0	27.6	41.4
164	33.0	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: 44.93 ng

RT: 9.88 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Instrument :

BNA_F

ClientSampleId :

PB84184BS

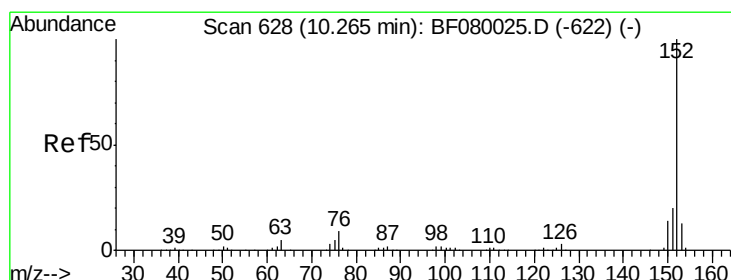
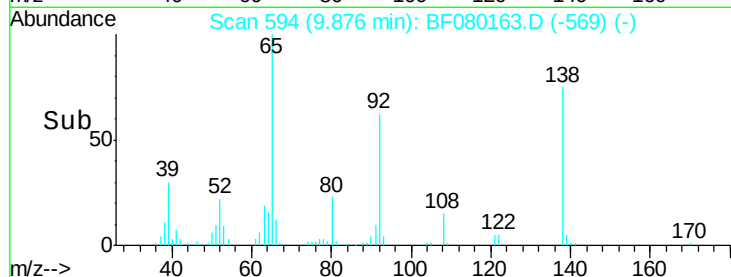
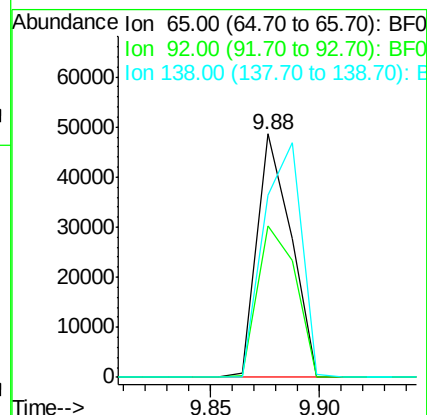
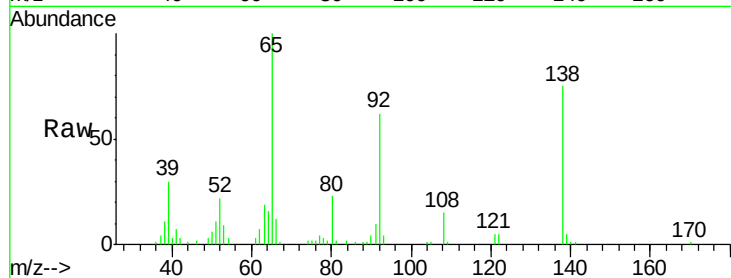
Tgt Ion: 65 Resp: 52851

Ion Ratio Lower Upper

65 100

92 62.1 55.4 83.0

138 74.7 115.5 173.3#



#48

Acenaphthylene

Concen: 45.20 ng

RT: 10.22 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

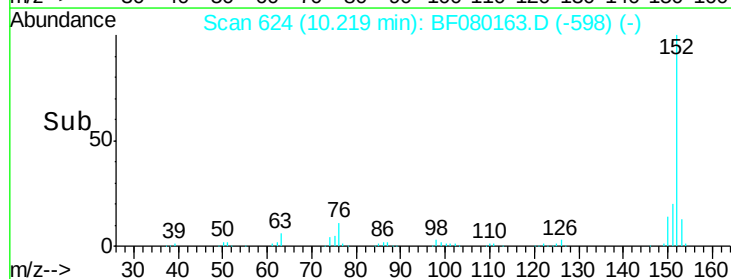
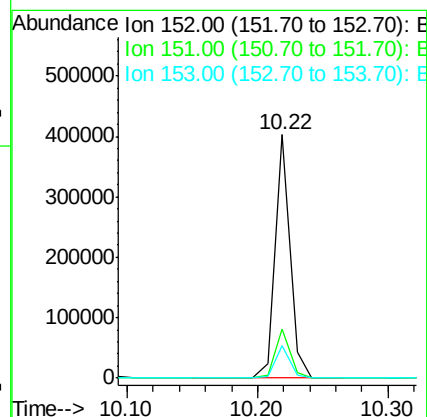
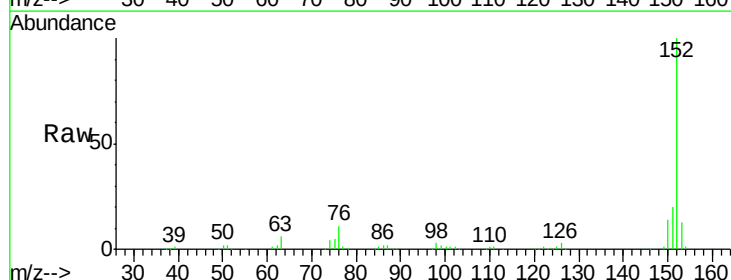
Tgt Ion: 152 Resp: 323274

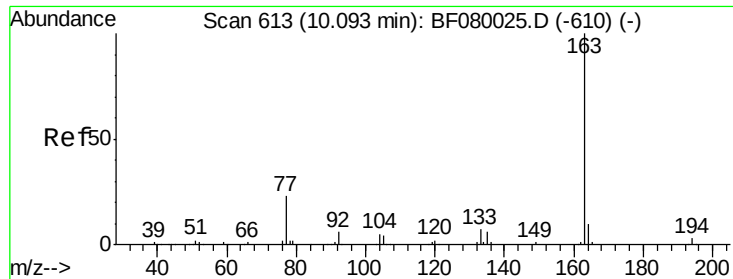
Ion Ratio Lower Upper

152 100

151 20.1 14.6 22.0

153 13.1 10.3 15.5

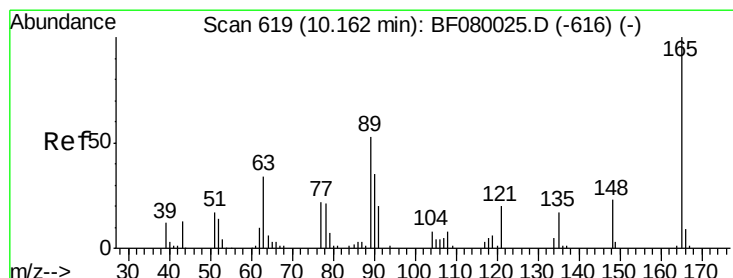
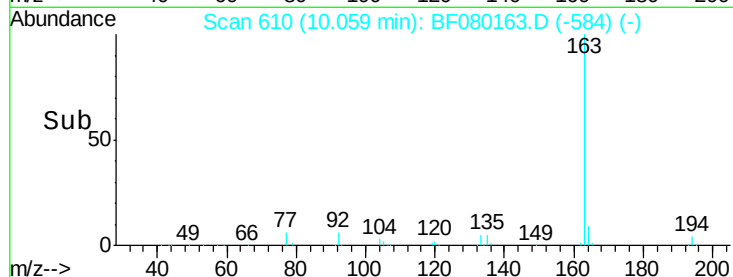
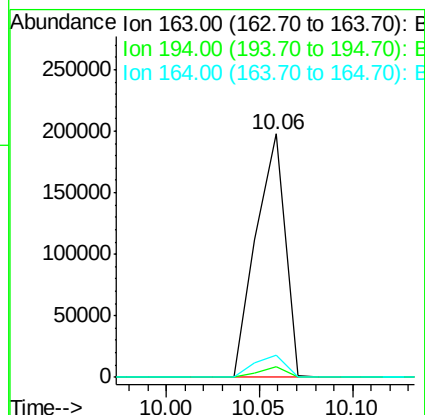
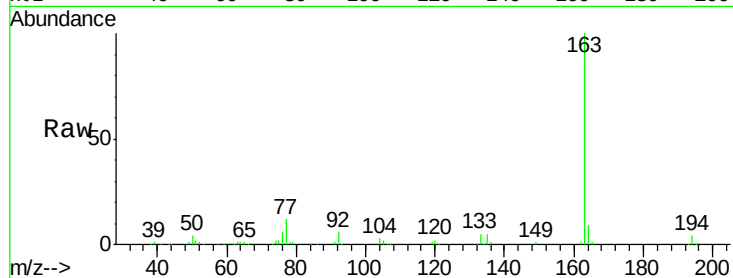




#49
Dimethylphthalate
Concen: 43.63 ng
RT: 10.06 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF080163.D
Acq: 25 Jun 2015 13:51

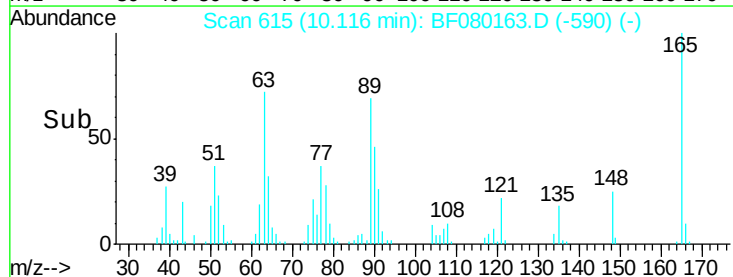
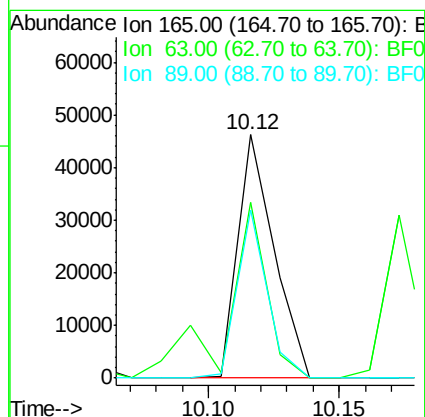
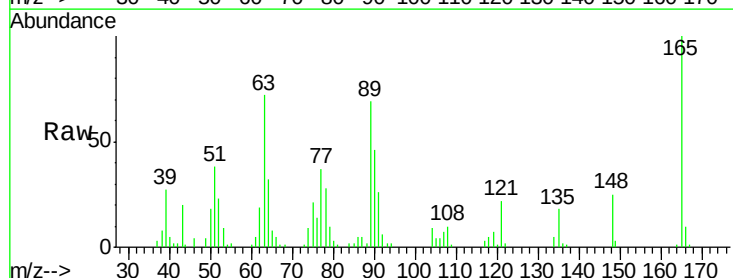
Instrument :
BNA_F
ClientSampleId :
PB84184BS

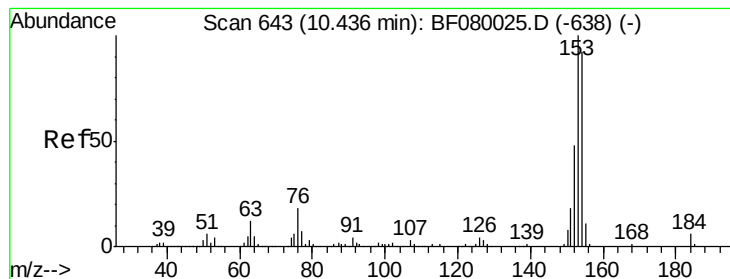
Tgt Ion:163 Resp: 212922
Ion Ratio Lower Upper
163 100
194 4.3 4.4 6.6#
164 9.3 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 46.00 ng
RT: 10.12 min Scan# 615
Delta R.T. -0.01 min
Lab File: BF080163.D
Acq: 25 Jun 2015 13:51

Tgt Ion:165 Resp: 45004
Ion Ratio Lower Upper
165 100
63 72.2 32.3 48.5#
89 69.1 28.6 43.0#





#51

Acenaphthene

Concen: 46.73 ng

RT: 10.39 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Instrument :

BNA_F

ClientSampleId :

PB84184BS

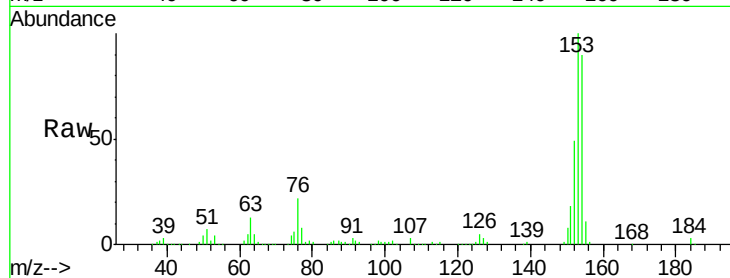
Tgt Ion:154 Resp: 204462

Ion Ratio Lower Upper

154 100

153 111.2 82.1 123.1

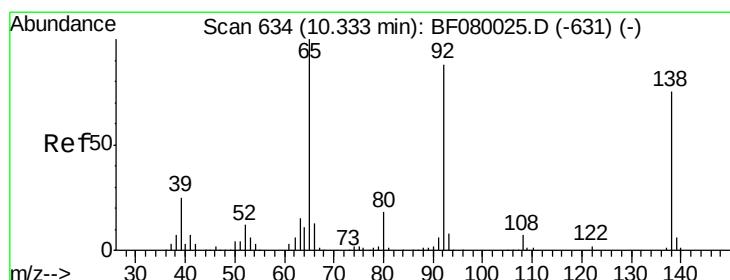
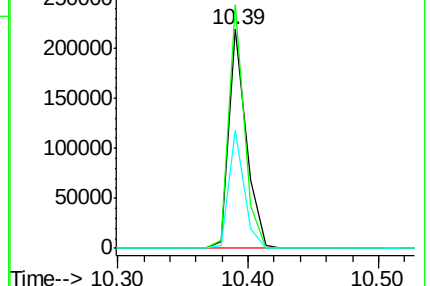
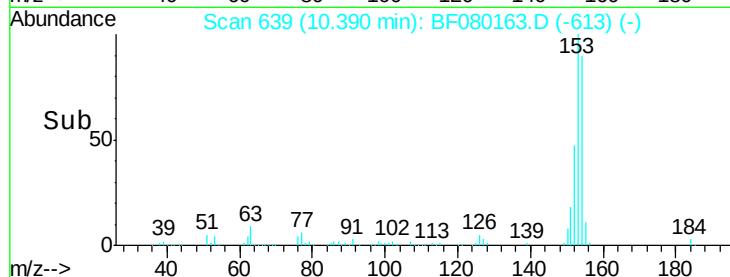
152 54.2 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.67 ng

RT: 10.29 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

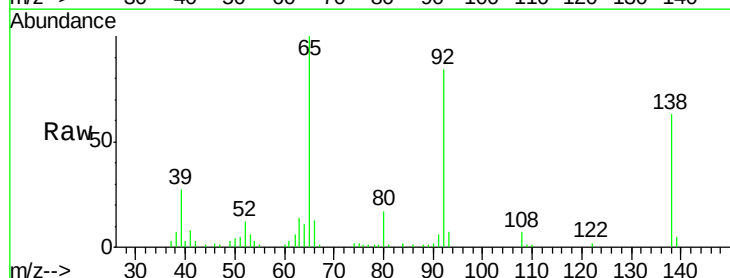
Tgt Ion:138 Resp: 31236

Ion Ratio Lower Upper

138 100

108 10.4 5.7 8.5#

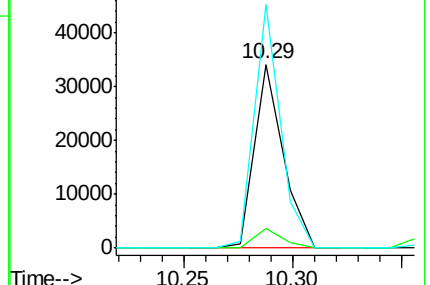
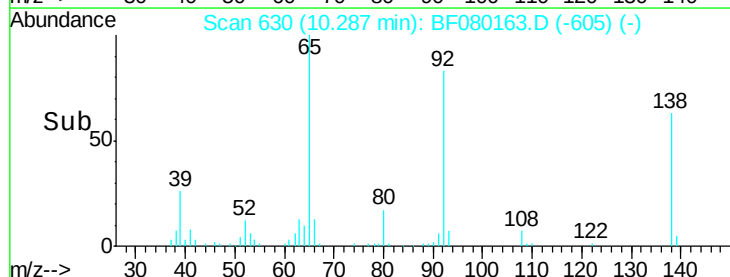
92 132.7 67.7 101.5#

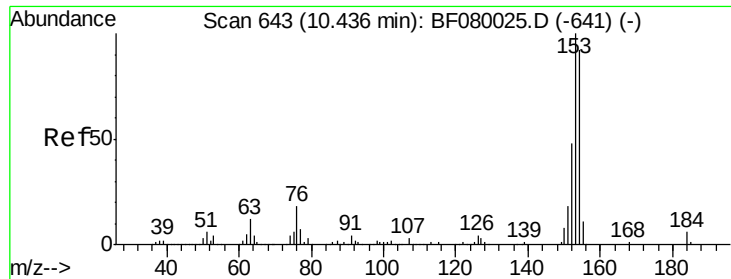


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

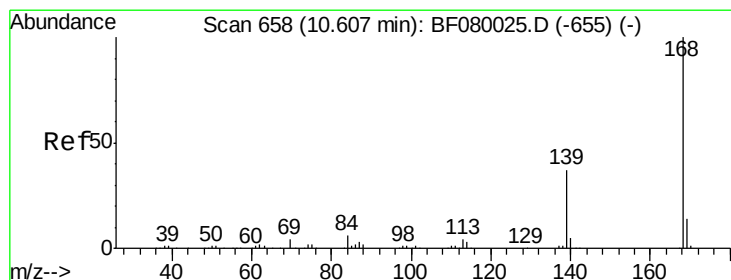
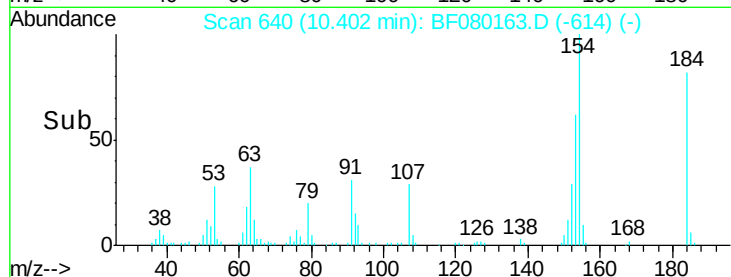
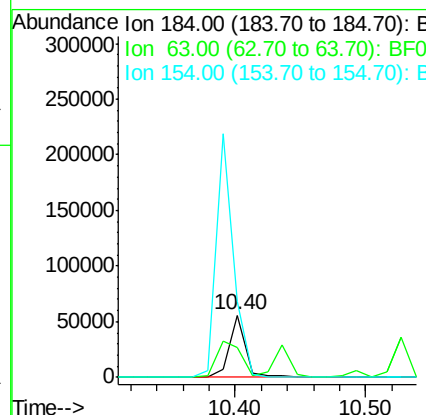
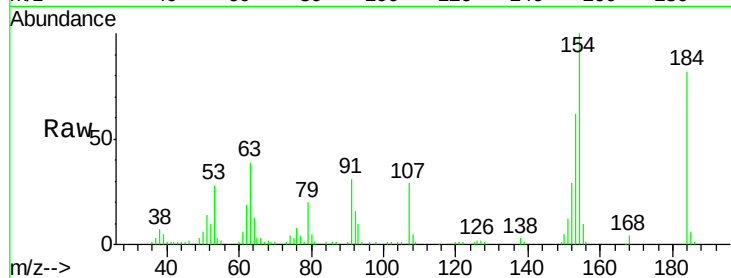




#53
2,4-Dinitrophenol
Concen: 118.91 ng
RT: 10.40 min Scan# 640
Delta R.T. -0.00 min
Lab File: BF080163.D
Acq: 25 Jun 2015 13:51

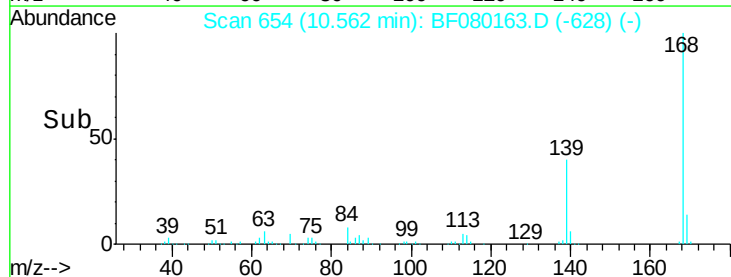
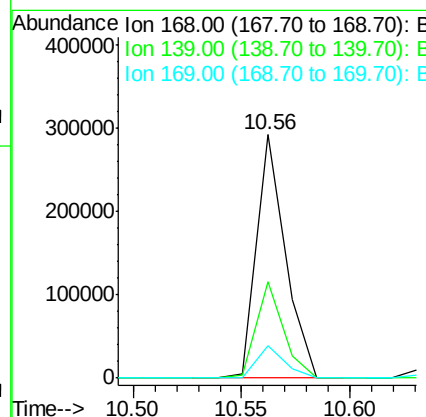
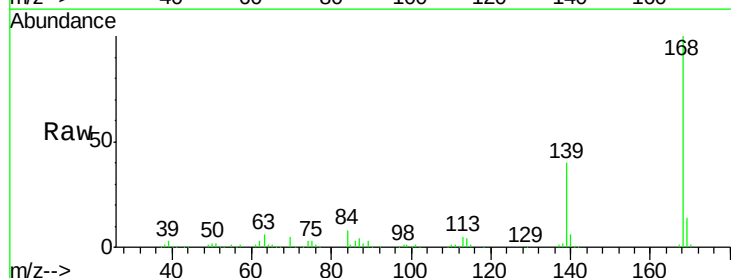
Instrument :
BNA_F
ClientSampled :
PB84184BS

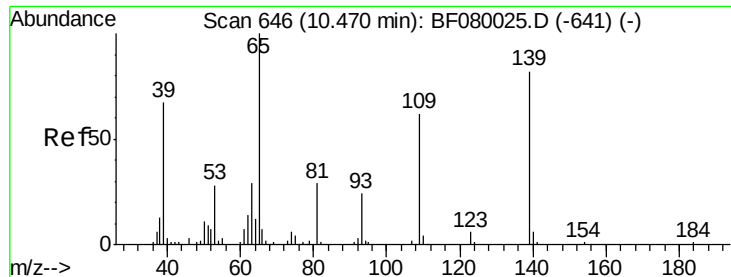
Tgt Ion:184 Resp: 48573
Ion Ratio Lower Upper
184 100
63 47.5 35.4 53.2
154 121.8 32.2 48.4#



#54
Dibenzofuran
Concen: 43.42 ng
RT: 10.56 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF080163.D
Acq: 25 Jun 2015 13:51

Tgt Ion:168 Resp: 269591
Ion Ratio Lower Upper
168 100
139 39.6 24.2 36.2#
169 13.5 10.6 15.8





#55

4-Nitrophenol

Concen: 94.54 ng

RT: 10.44 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Instrument :

BNA_F

ClientSampleId :

PB84184BS

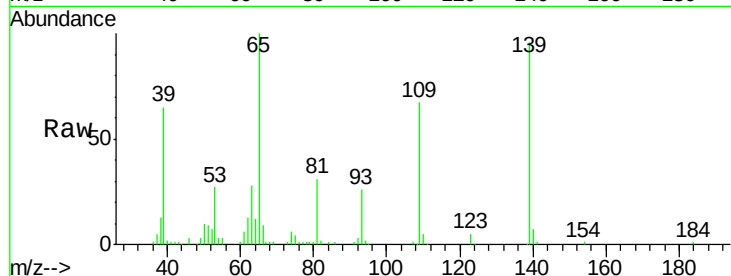
Tgt Ion:139 Resp: 85307

Ion Ratio Lower Upper

139 100

109 69.4 12.7 52.7#

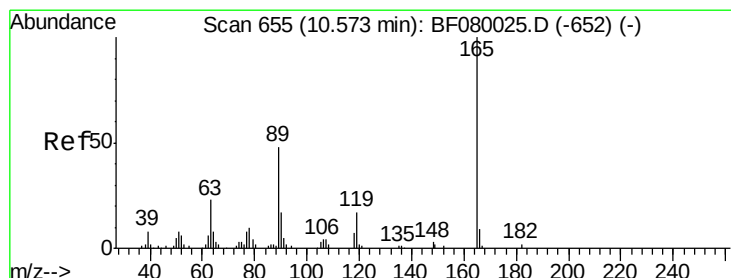
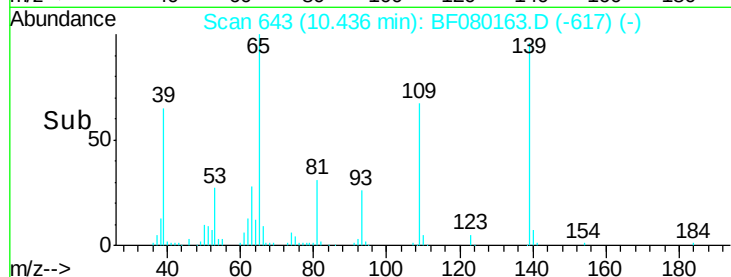
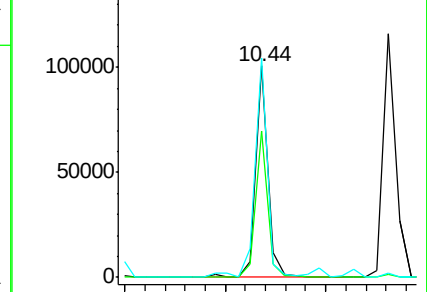
65 103.7 45.9 85.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 54.94 ng

RT: 10.53 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Tgt Ion:165 Resp: 68212

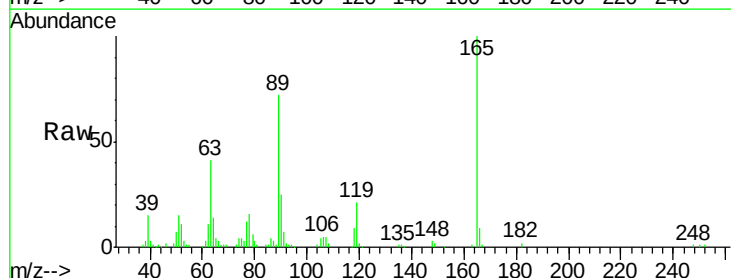
Ion Ratio Lower Upper

165 100

63 41.4 29.8 44.6

89 71.7 44.5 66.7#

182 2.4 3.0 4.4#

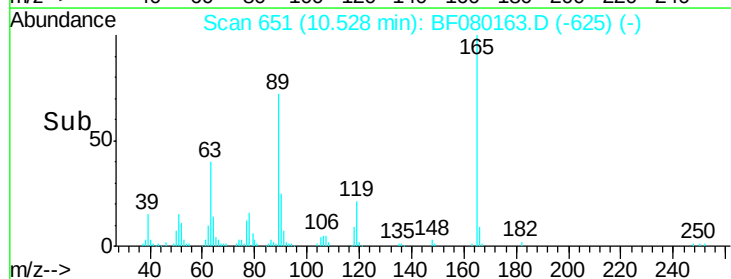
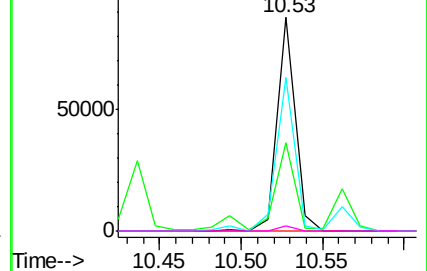


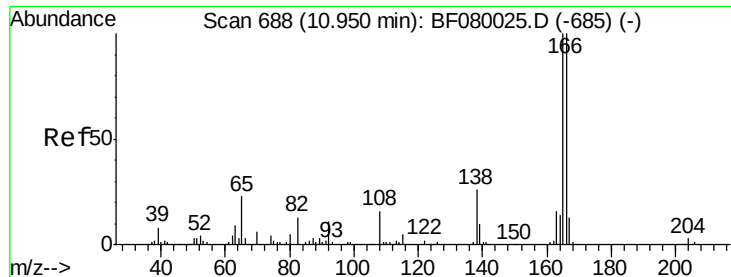
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

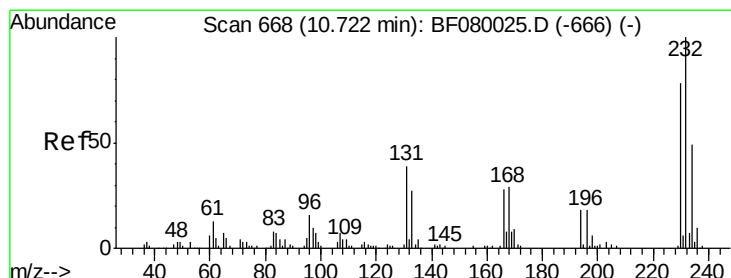
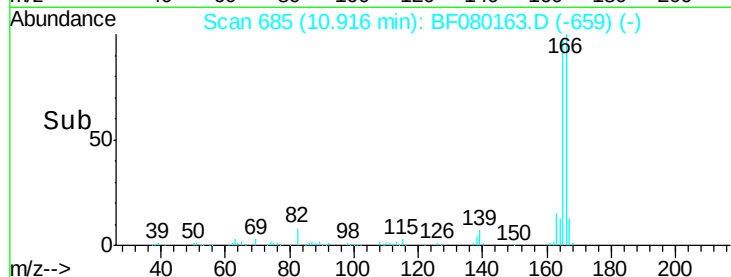
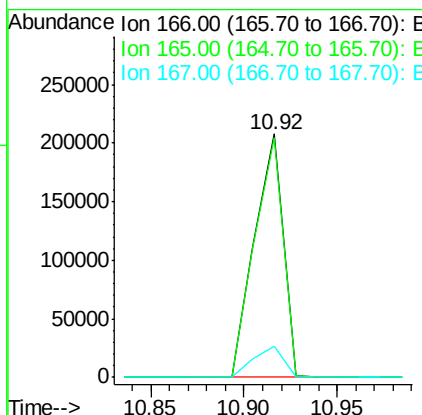
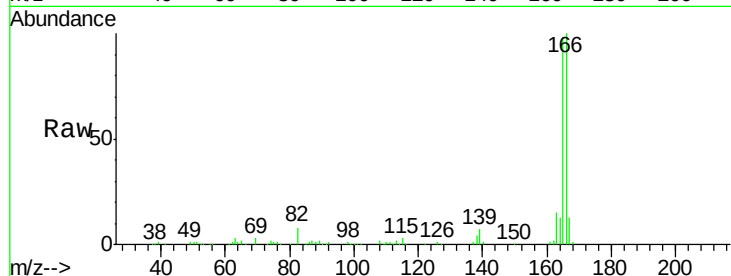




#57
 Fluorene
 Concen: 44.64 ng
 RT: 10.92 min Scan# 685
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

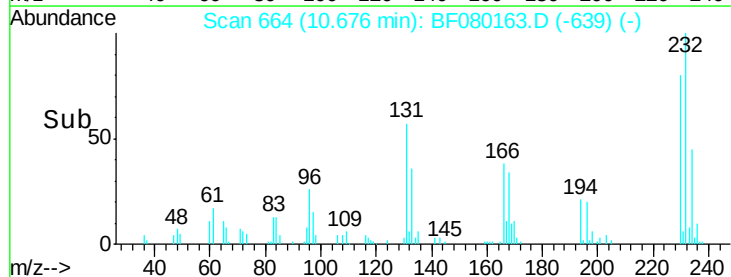
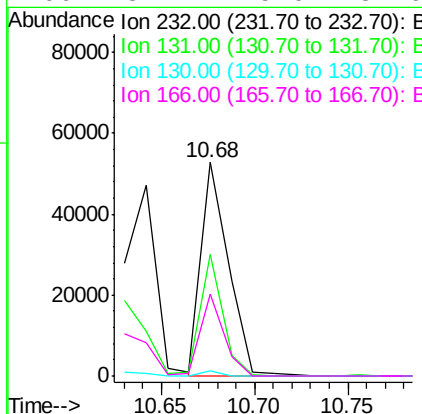
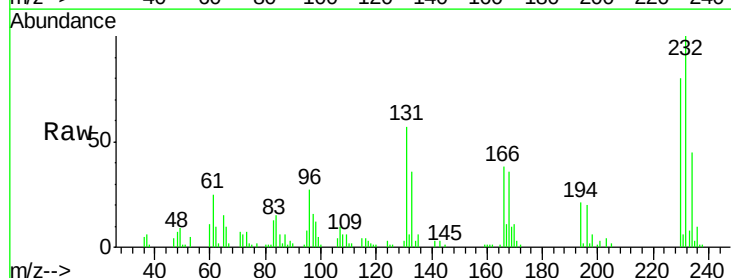
Instrument :
 BNA_F
 ClientSampleId :
 PB84184BS

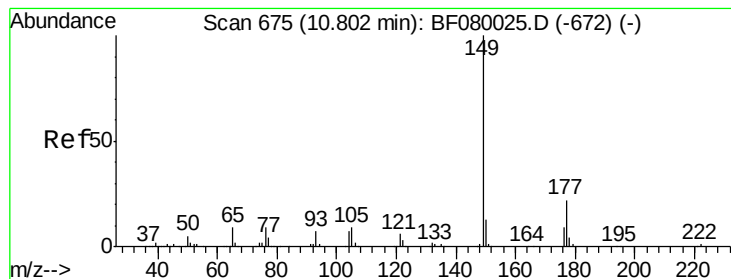
Tgt Ion:166 Resp: 219945
 Ion Ratio Lower Upper
 166 100
 165 98.5 72.6 109.0
 167 12.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.00 ng
 RT: 10.68 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Tgt Ion:232 Resp: 53753
 Ion Ratio Lower Upper
 232 100
 131 46.9 38.5 57.7
 130 1.8 1.8 2.6
 166 32.4 25.0 37.6





#59

Diethylphthalate

Concen: 41.96 ng

RT: 10.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Instrument :

BNA_F

ClientSampleId :

PB84184BS

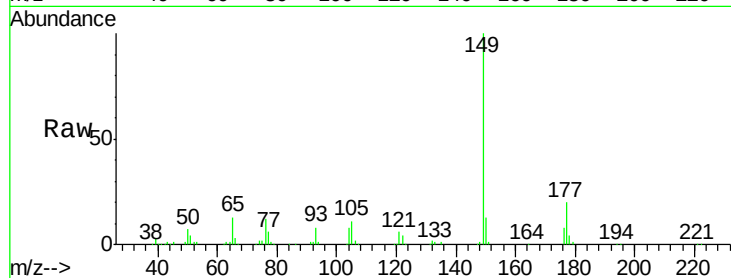
Tgt Ion:149 Resp: 206219

Ion Ratio Lower Upper

149 100

177 19.6 17.5 26.3

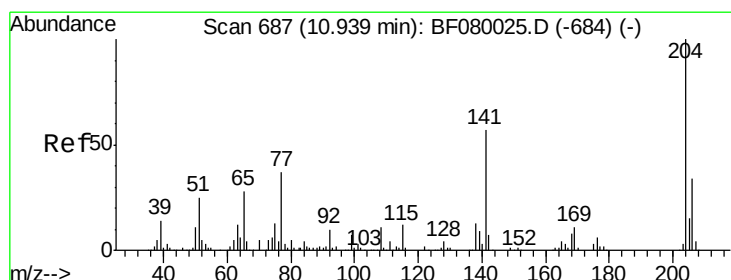
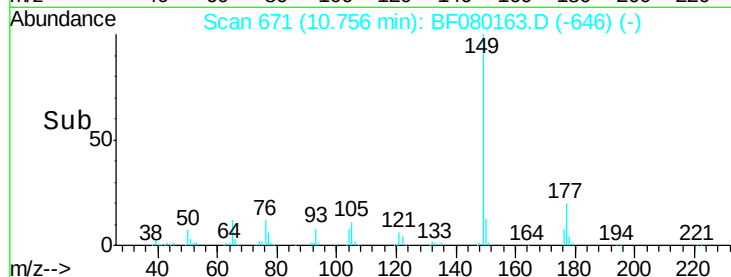
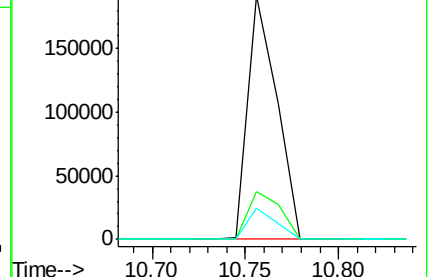
150 13.0 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.46 ng

RT: 10.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

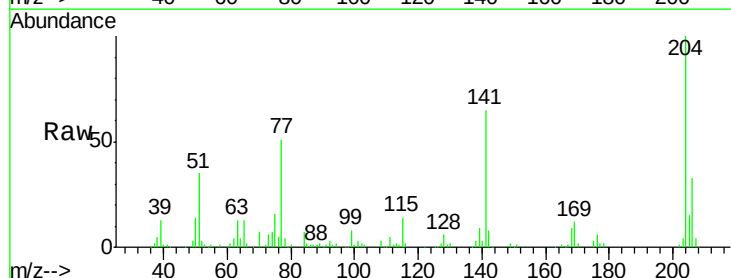
Tgt Ion:204 Resp: 105256

Ion Ratio Lower Upper

204 100

206 33.0 24.8 37.2

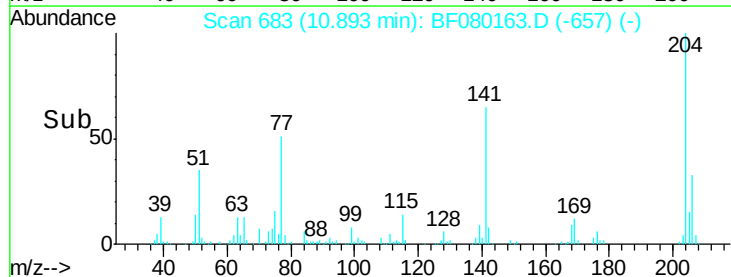
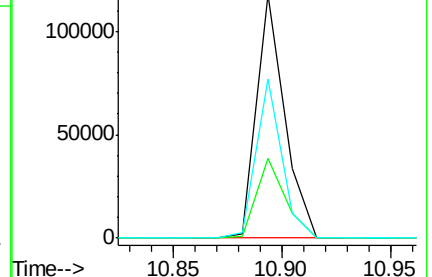
141 65.2 42.2 63.4#

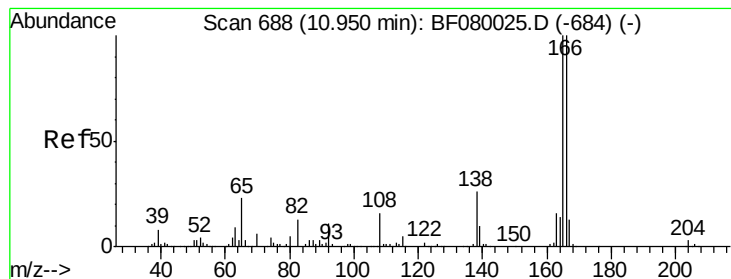


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

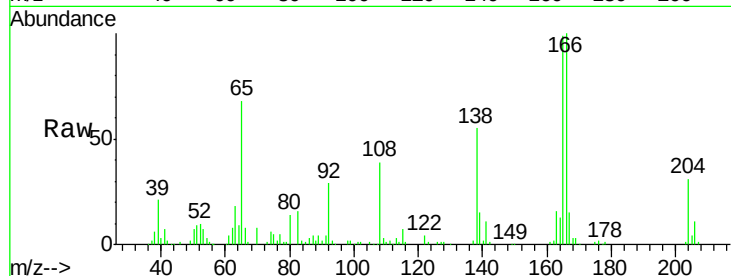




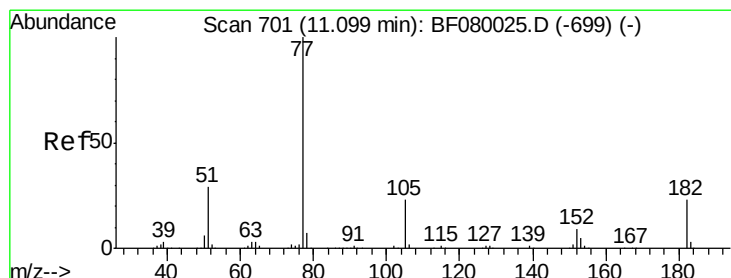
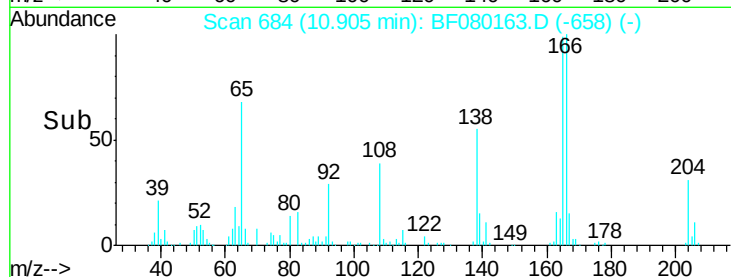
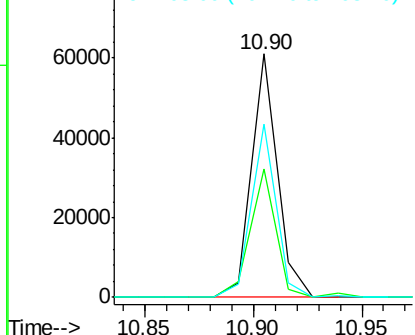
#61
4-Nitroaniline
Concen: 43.33 ng
RT: 10.90 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF080163.D
Acq: 25 Jun 2015 13:51

Instrument :
BNA_F
ClientSampleId :
PB84184BS

Tgt Ion:138 Resp: 50521
Ion Ratio Lower Upper
138 100
92 52.6 12.6 52.6
108 70.9 12.4 52.4#

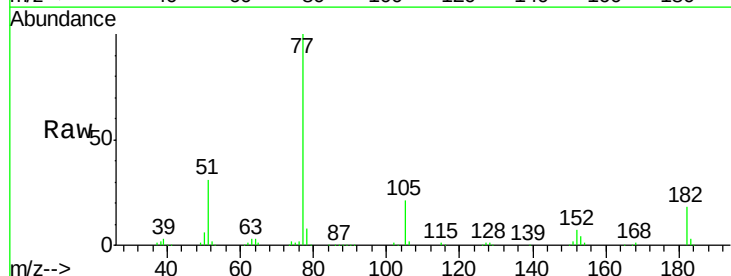


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

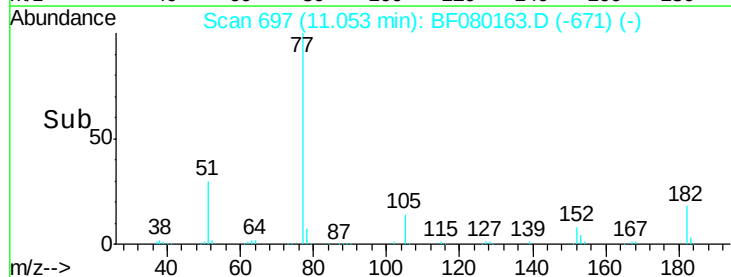
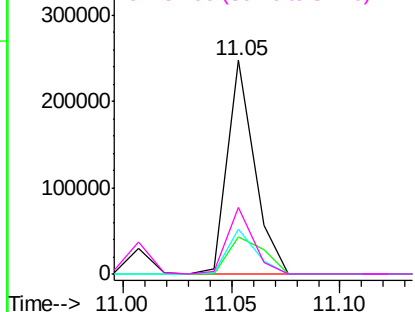


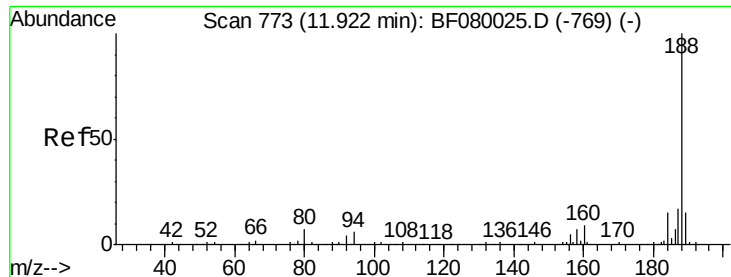
#62
Azobenzene
Concen: 42.52 ng
RT: 11.05 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF080163.D
Acq: 25 Jun 2015 13:51

Tgt Ion: 77 Resp: 212709
Ion Ratio Lower Upper
77 100
182 17.5 15.1 55.1
105 21.0 3.4 43.4
51 31.0 12.0 52.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

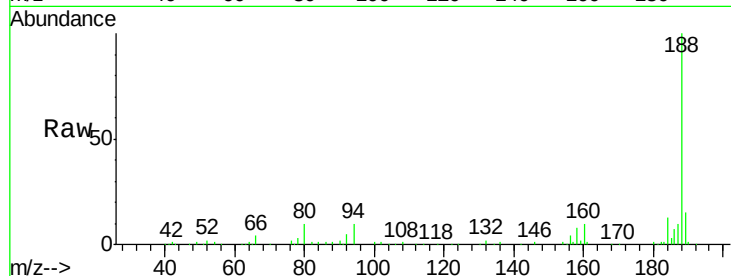




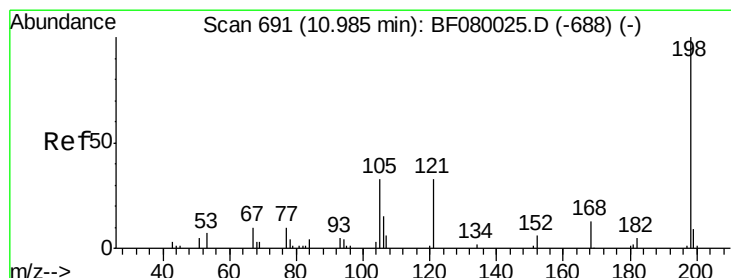
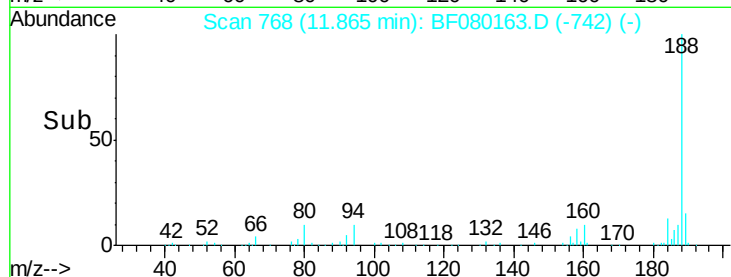
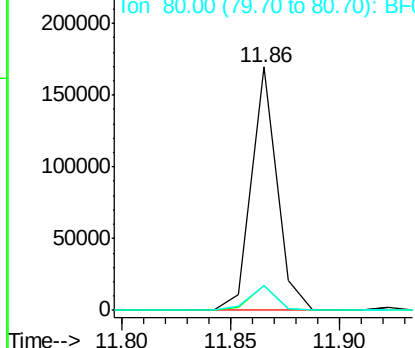
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.86 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB84184BS

Tgt Ion:188 Resp: 138800
 Ion Ratio Lower Upper
 188 100
 94 10.1 11.1 16.7#
 80 10.3 11.0 16.4#

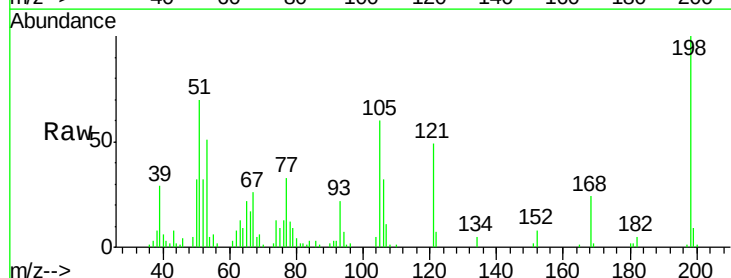


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

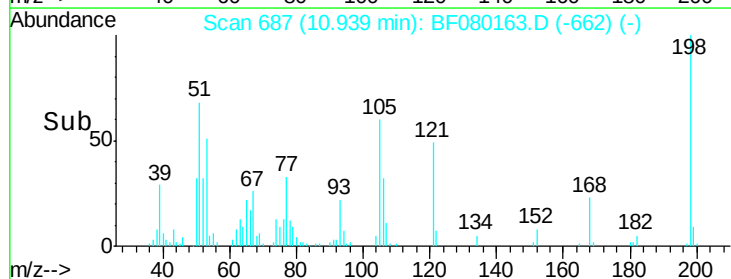
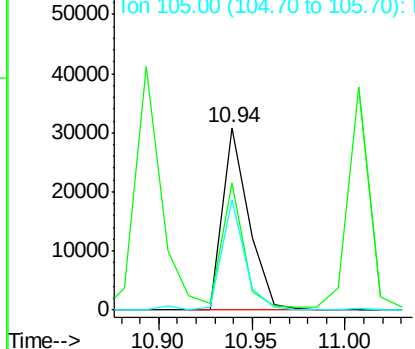


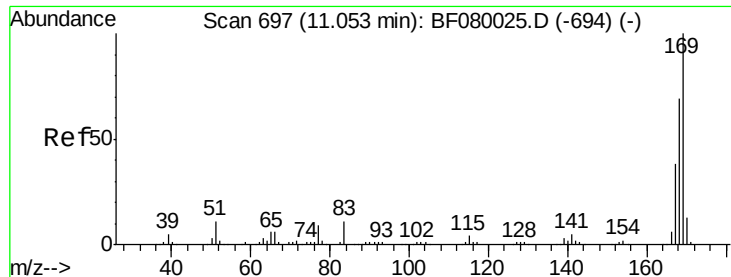
#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.70 ng
 RT: 10.94 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Tgt Ion:198 Resp: 30431
 Ion Ratio Lower Upper
 198 100
 51 69.6 39.6 79.6
 105 60.4 28.5 68.5



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

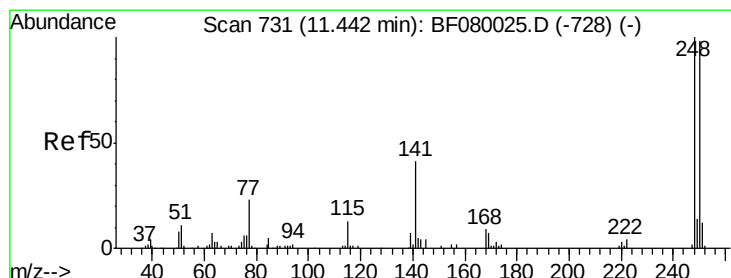
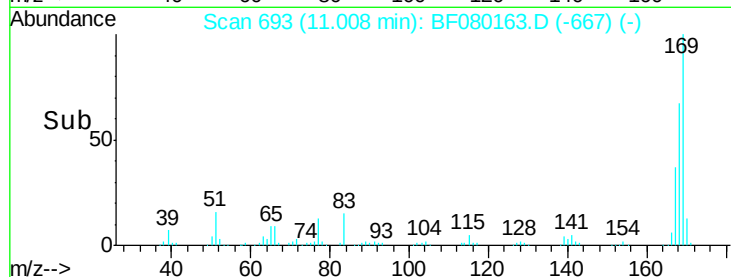
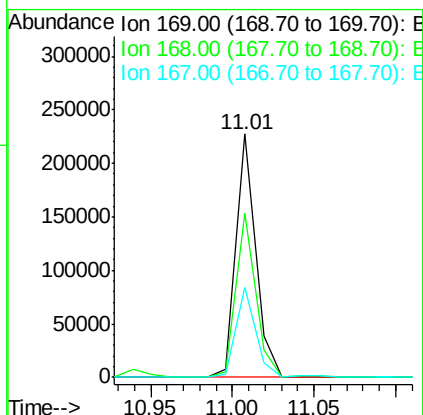
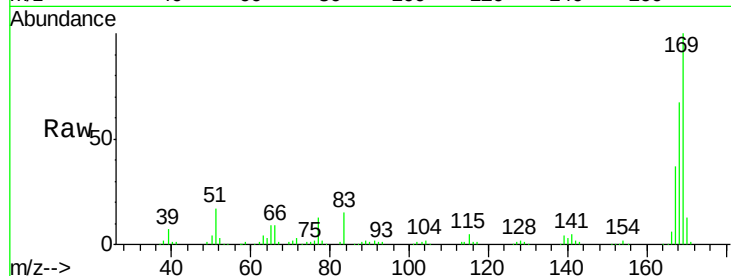




#65
 n-Nitrosodiphenylamine
 Concen: 41.58 ng
 RT: 11.01 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

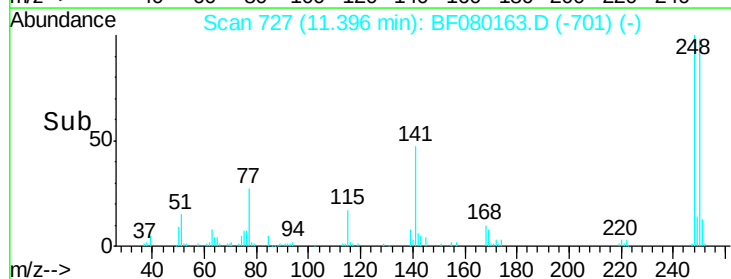
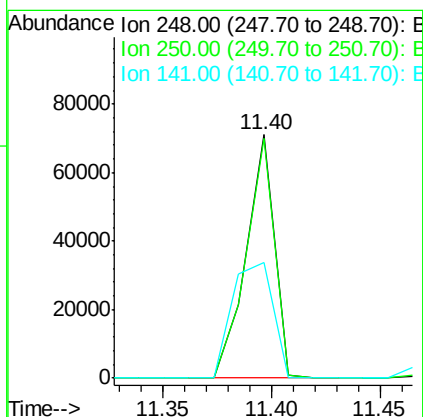
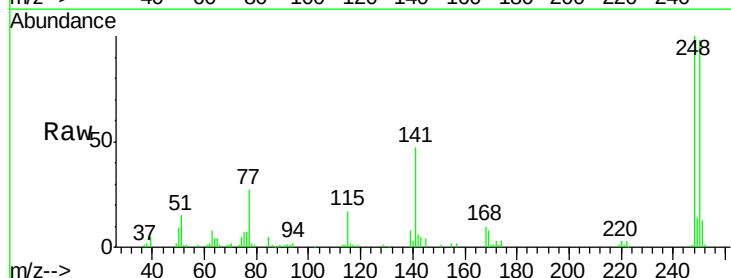
Instrument :
 BNA_F
 ClientSampleId :
 PB84184BS

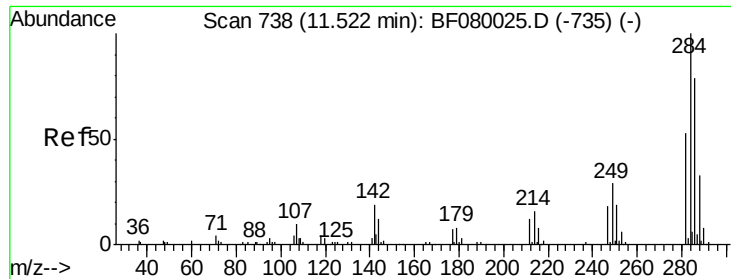
Tgt Ion:169 Resp: 187928
 Ion Ratio Lower Upper
 169 100
 168 67.2 48.9 73.3
 167 37.0 26.2 39.4



#66
 4-Bromophenyl-phenylether
 Concen: 43.37 ng
 RT: 11.40 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Tgt Ion:248 Resp: 64013
 Ion Ratio Lower Upper
 248 100
 250 98.3 78.5 117.7
 141 47.3 59.0 88.6#





#67

Hexachlorobenzene

Concen: 43.01 ng

RT: 11.48 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Instrument :

BNA_F

ClientSampleId :

PB84184BS

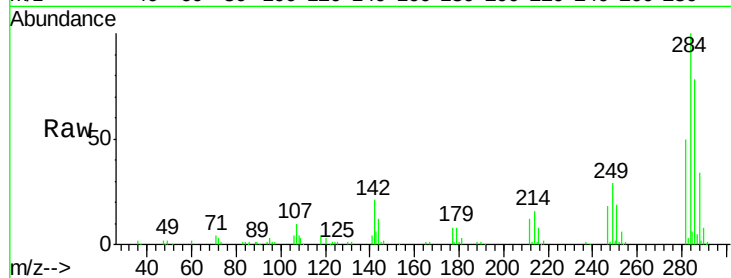
Tgt Ion:284 Resp: 70543

Ion Ratio Lower Upper

284 100

142 20.6 29.5 44.3#

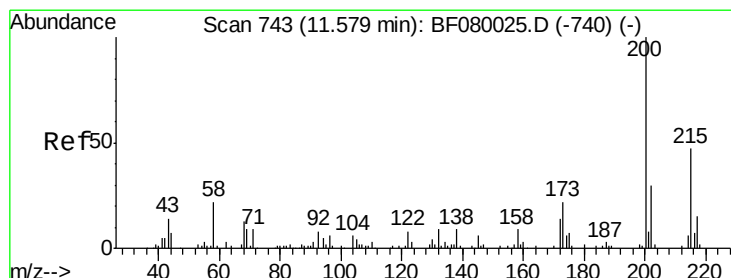
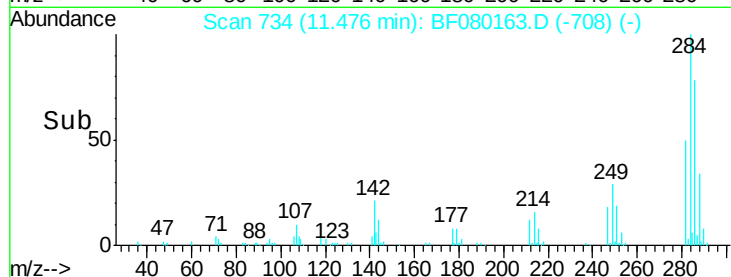
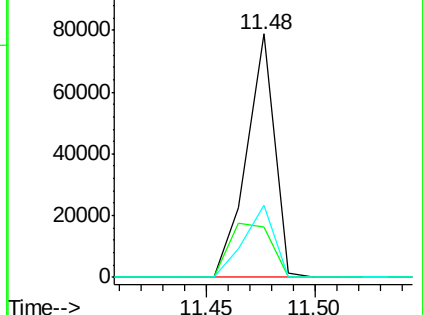
249 29.4 19.5 29.3#



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: 46.01 ng

RT: 11.53 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

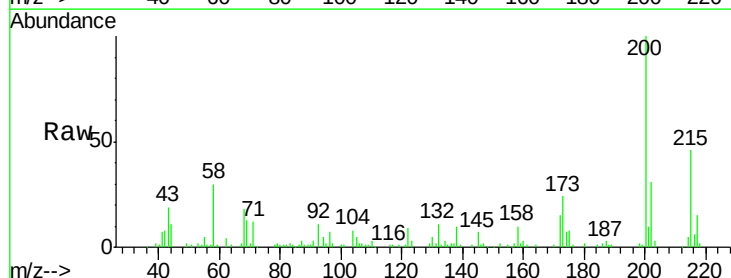
Tgt Ion:200 Resp: 65696

Ion Ratio Lower Upper

200 100

173 23.8 13.2 53.2

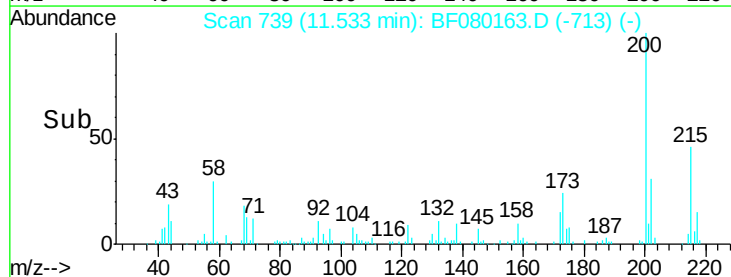
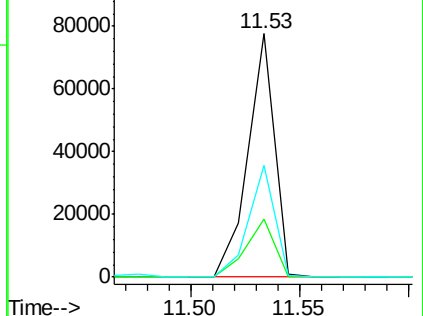
215 46.1 41.8 81.8

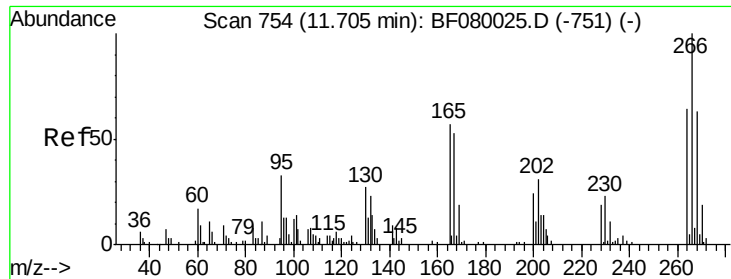


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

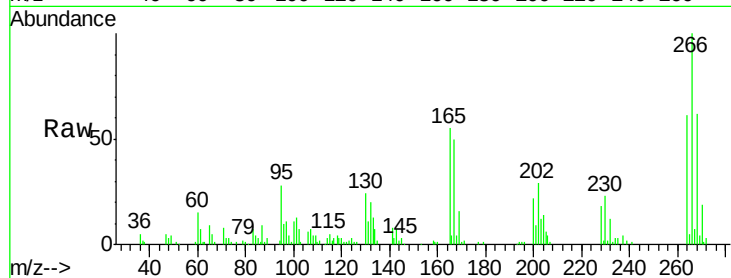




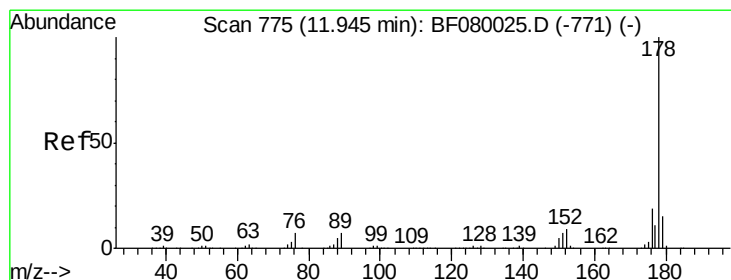
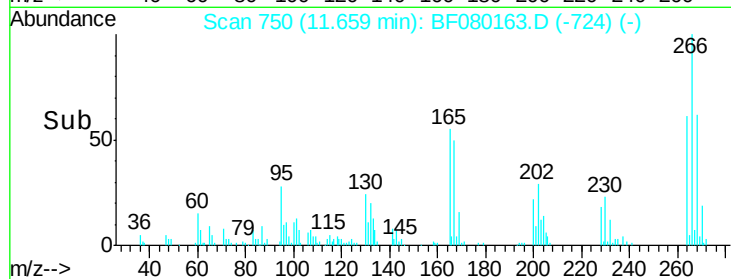
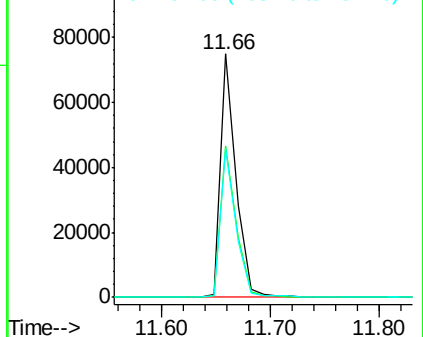
#69
 Pentachlorophenol
 Concen: 80.47 ng
 RT: 11.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB84184BS

Tgt Ion: 266 Resp: 74798
 Ion Ratio Lower Upper
 266 100
 268 62.3 49.8 74.6
 264 61.2 50.2 75.2

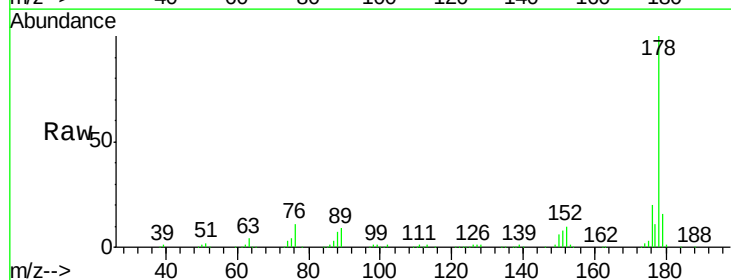


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

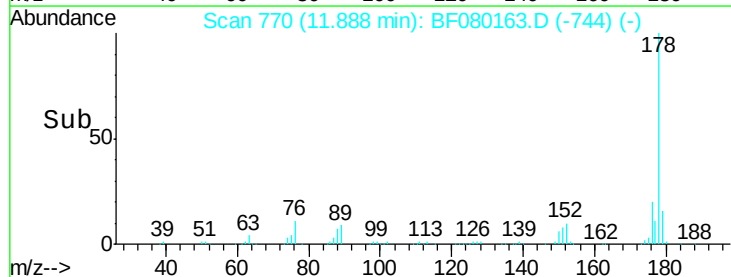
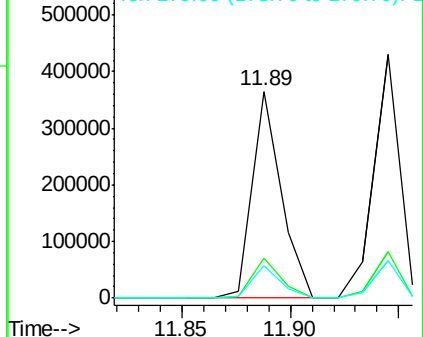


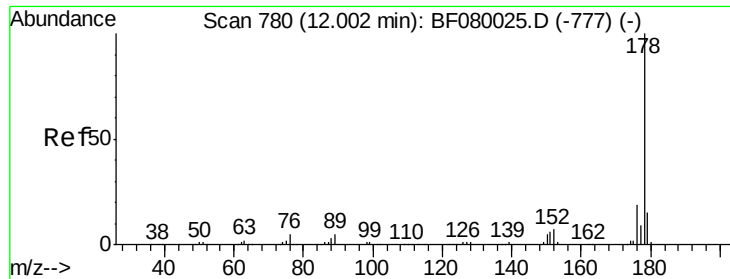
#70
 Phenanthrene
 Concen: 40.28 ng
 RT: 11.89 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Tgt Ion: 178 Resp: 338480
 Ion Ratio Lower Upper
 178 100
 176 19.6 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

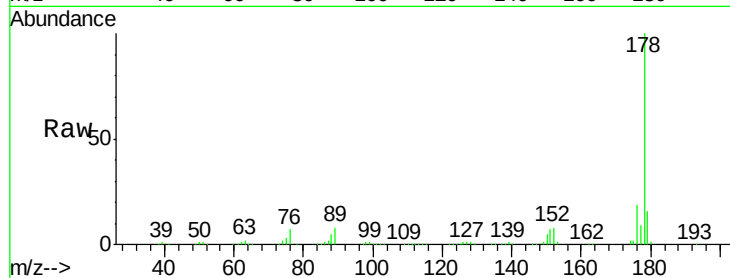




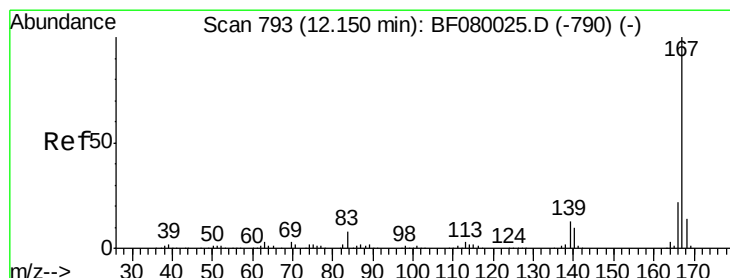
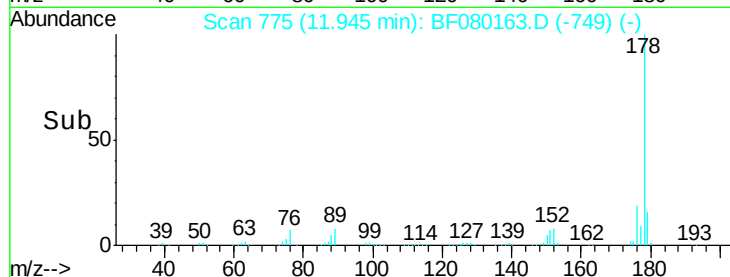
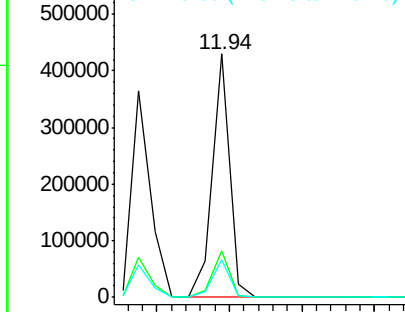
#71
 Anthracene
 Concen: 44.08 ng
 RT: 11.94 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB84184BS

Tgt Ion:178 Resp: 356670
 Ion Ratio Lower Upper
 178 100
 176 19.3 14.1 21.1
 179 15.6 12.2 18.2

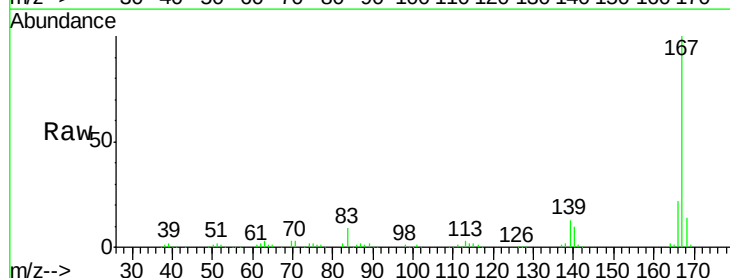


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

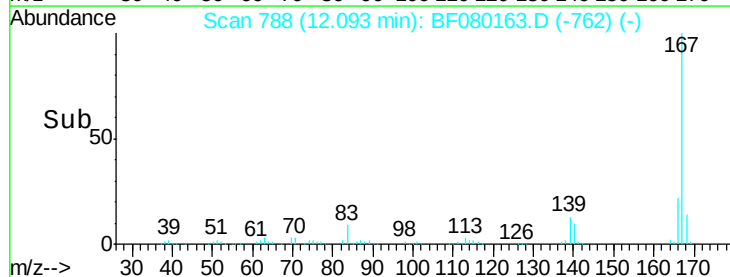
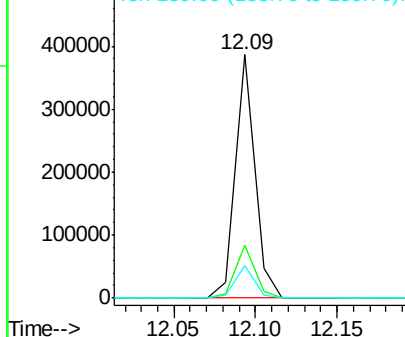


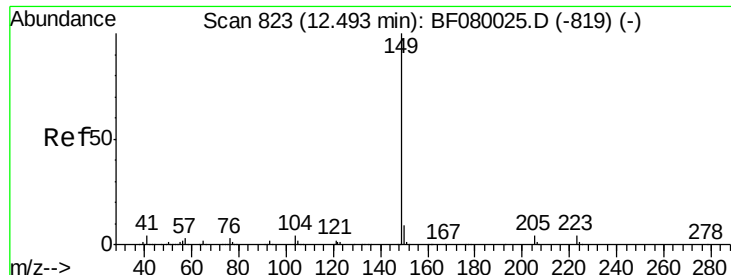
#72
 Carbazole
 Concen: 40.85 ng
 RT: 12.09 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Tgt Ion:167 Resp: 315604
 Ion Ratio Lower Upper
 167 100
 166 21.9 15.7 23.5
 139 13.2 9.5 14.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.91 ng

RT: 12.42 min Scan# 817

Delta R.T. 0.01 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Instrument :

BNA_F

ClientSampleId :

PB84184BS

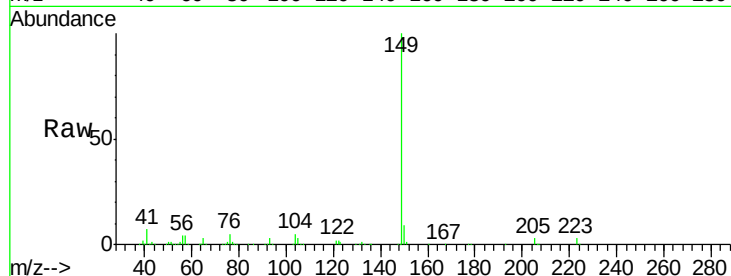
Tgt Ion:149 Resp: 374011

Ion Ratio Lower Upper

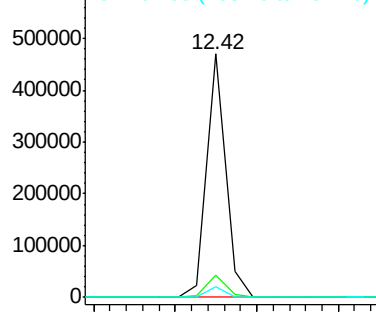
149 100

150 9.3 7.4 11.2

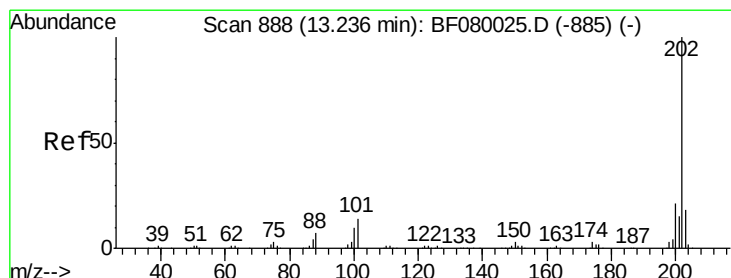
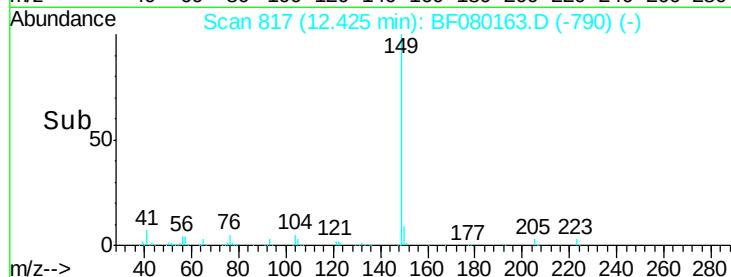
104 4.6 2.4 3.6#



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



Time--> 12.35 12.40 12.45 12.50



#74

Fluoranthene

Concen: 41.51 ng

RT: 13.16 min Scan# 881

Delta R.T. 0.01 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

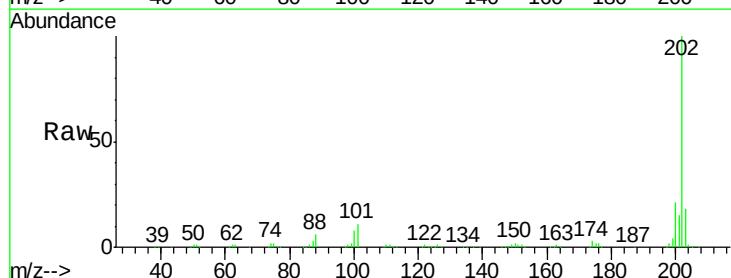
Tgt Ion:202 Resp: 371484

Ion Ratio Lower Upper

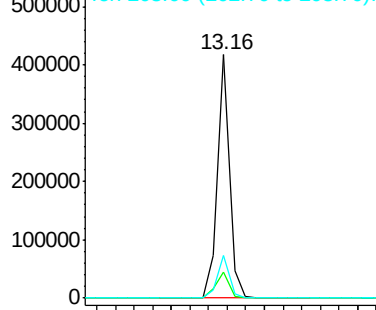
202 100

101 10.8 0.0 38.3

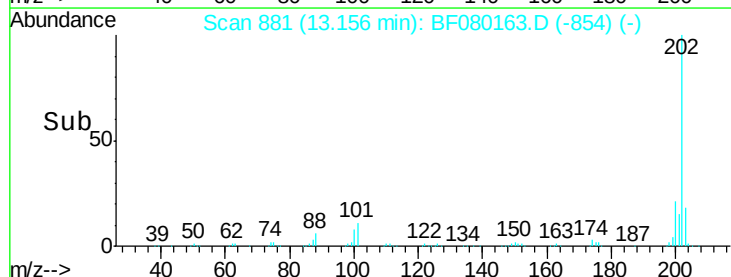
203 17.7 0.0 37.3

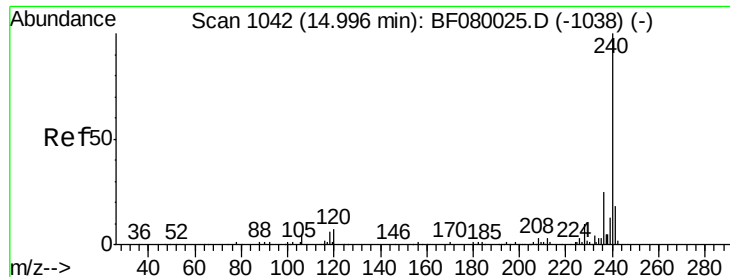


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 13.10 13.20 13.30





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.85 min Scan# 1029

Delta R.T. 0.02 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Instrument :

BNA_F

ClientSampleId :

PB84184BS

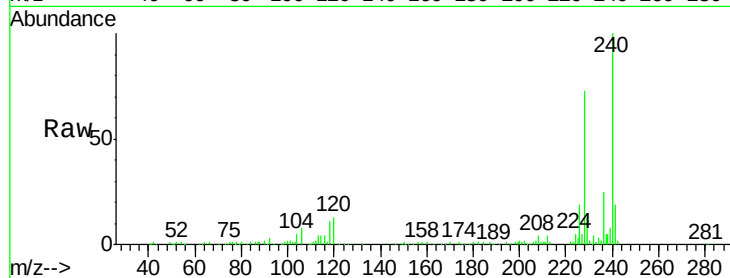
Tgt Ion:240 Resp: 143305

Ion Ratio Lower Upper

240 100

120 12.9 16.2 24.2#

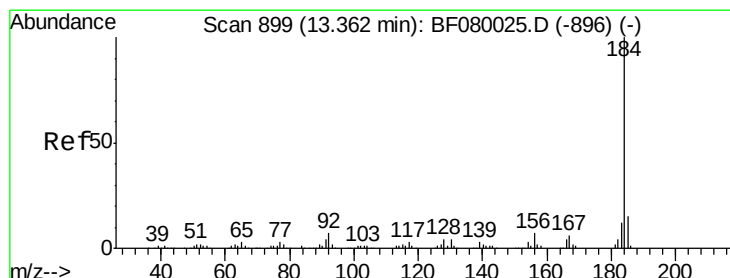
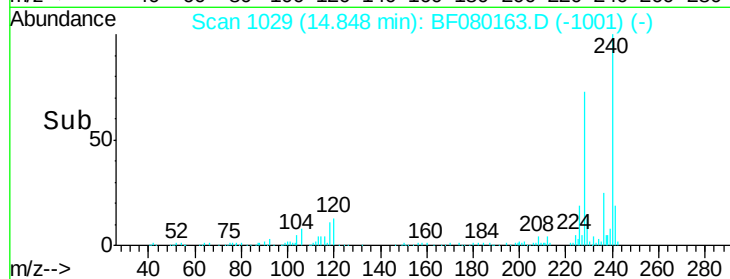
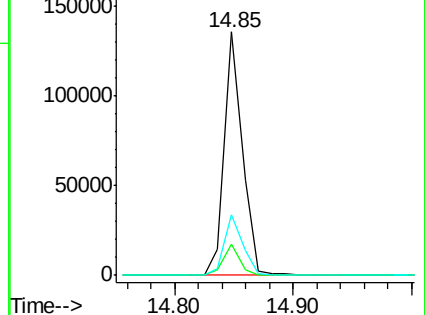
236 25.0 18.4 27.6



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: 53.79 ng

RT: 13.27 min Scan# 891

Delta R.T. 0.01 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

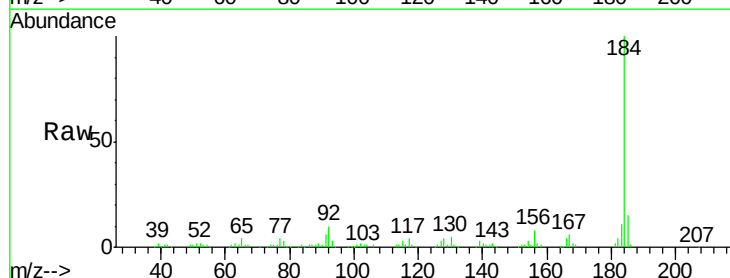
Tgt Ion:184 Resp: 215486

Ion Ratio Lower Upper

184 100

185 14.9 11.8 17.6

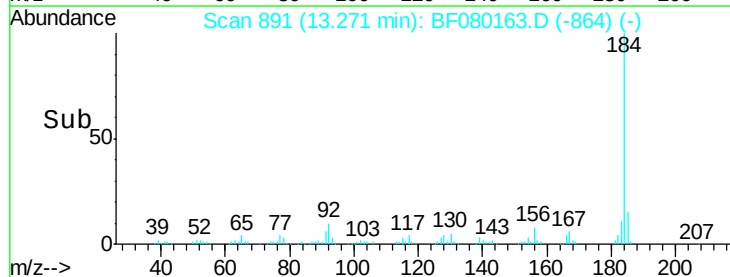
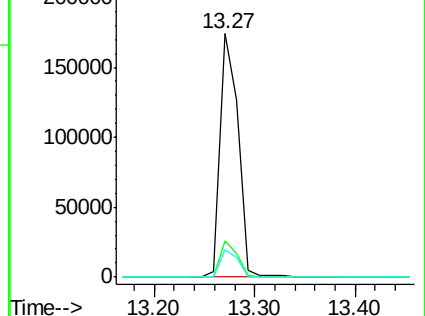
183 11.3 7.6 11.4

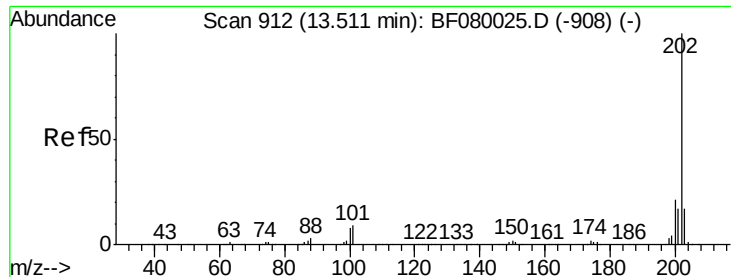


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

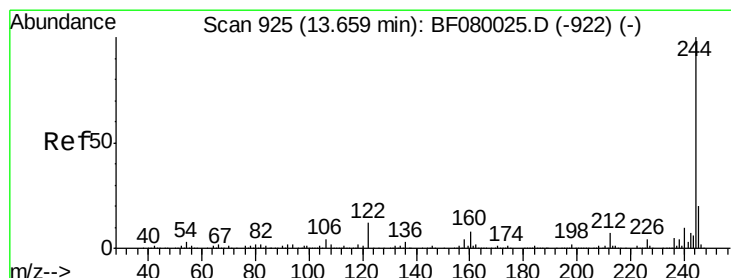
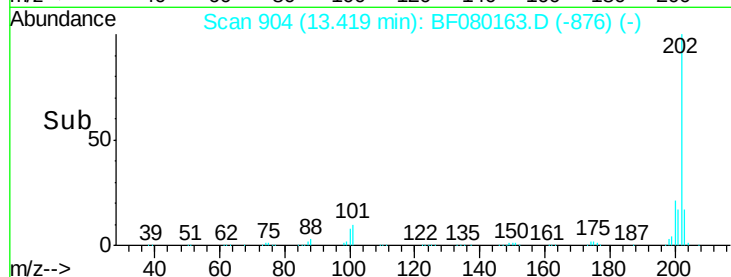
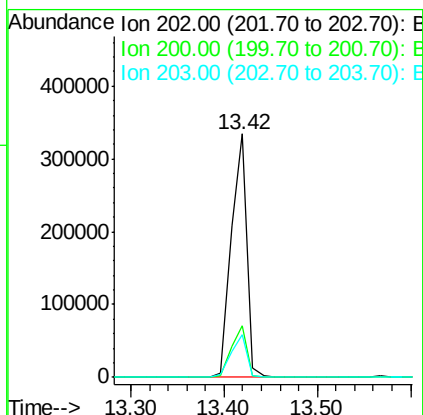
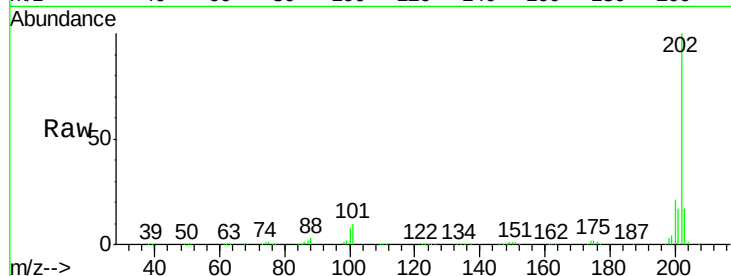




#77
 Pyrene
 Concen: 43.98 ng
 RT: 13.42 min Scan# 904
 Delta R.T. 0.02 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

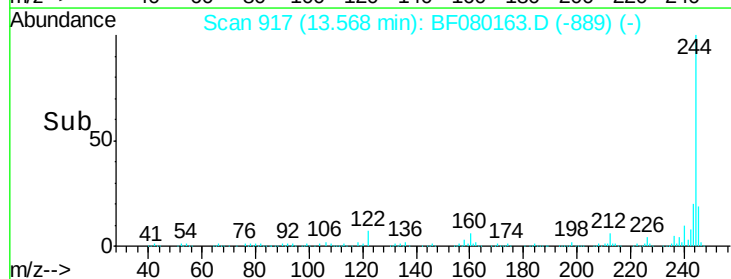
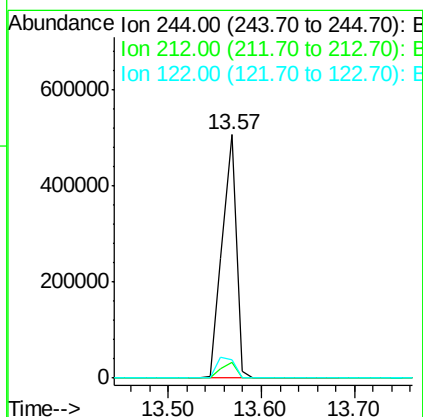
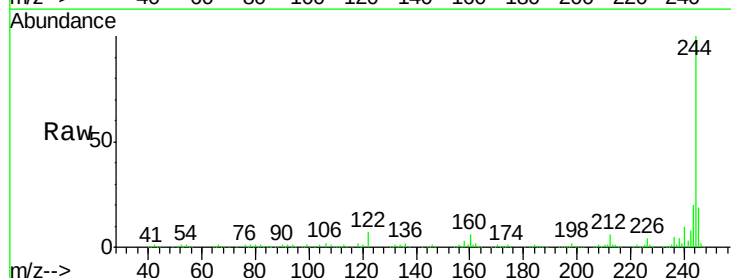
Instrument :
 BNA_F
 ClientSampleId :
 PB84184BS

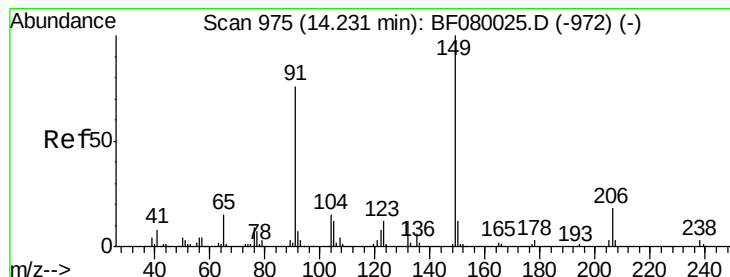
Tgt Ion: 202 Resp: 388055
 Ion Ratio Lower Upper
 202 100
 200 21.2 15.0 22.4
 203 17.3 14.1 21.1



#78
 Terphenyl-d14
 Concen: 87.55 ng
 RT: 13.57 min Scan# 917
 Delta R.T. 0.02 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Tgt Ion: 244 Resp: 537186
 Ion Ratio Lower Upper
 244 100
 212 6.5 4.3 6.5#
 122 7.5 17.4 26.2#





#79

Butylbenzylphthalate

Concen: 46.77 ng

RT: 14.12 min Scan# 965

Delta R.T. 0.02 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Instrument :

BNA_F

ClientSampleId :

PB84184BS

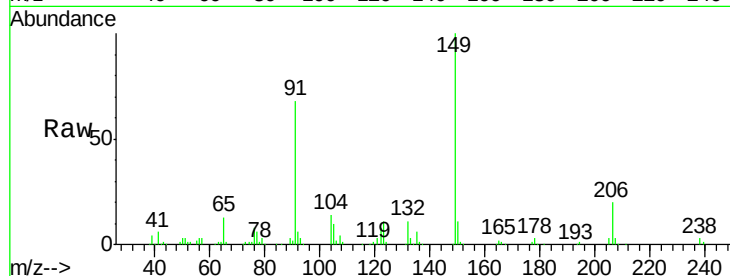
Tgt Ion:149 Resp: 165731

Ion Ratio Lower Upper

149 100

91 67.6 48.6 72.8

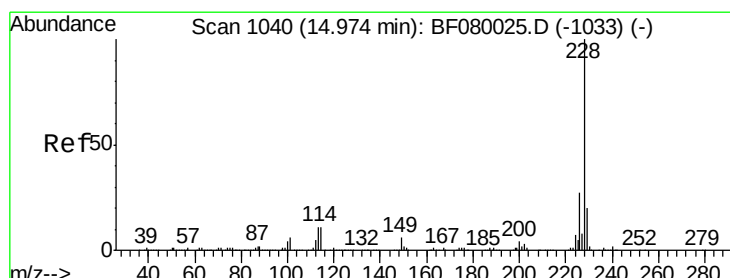
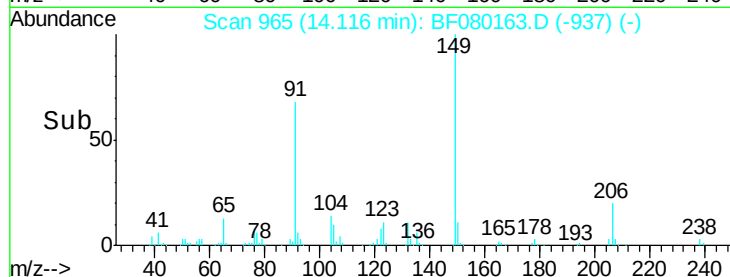
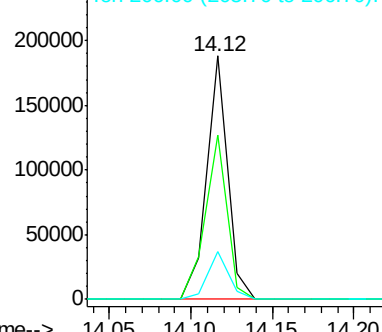
206 19.7 14.9 22.3



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: 42.77 ng

RT: 14.84 min Scan# 1028

Delta R.T. 0.02 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

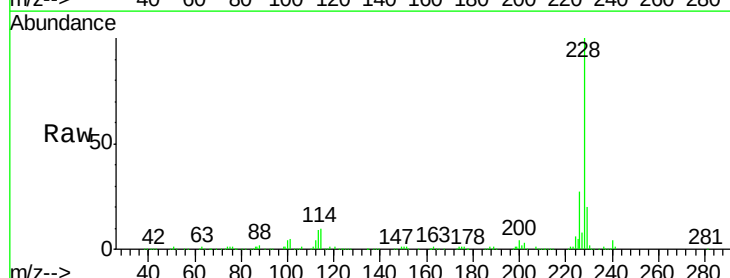
Tgt Ion:228 Resp: 373359

Ion Ratio Lower Upper

228 100

226 27.4 20.0 30.0

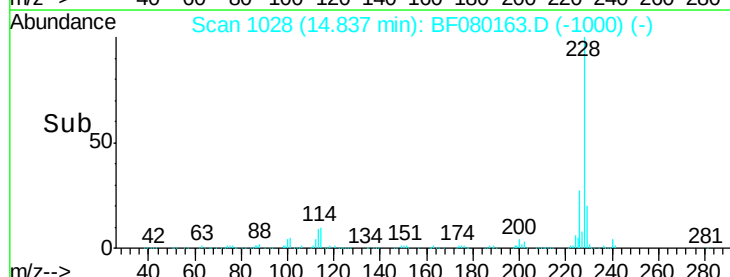
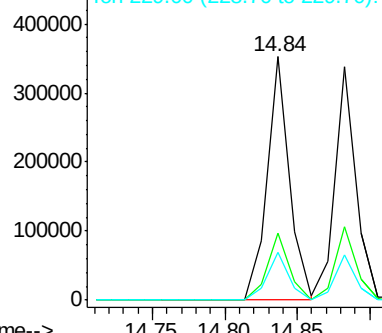
229 19.6 15.4 23.2

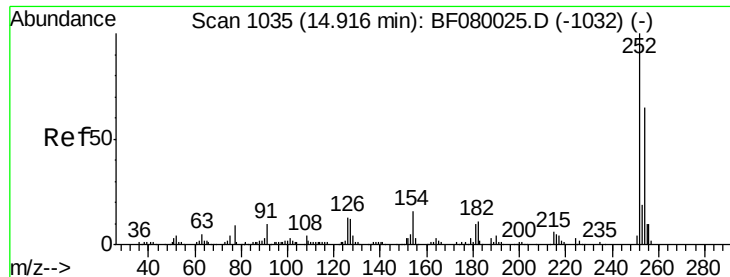


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

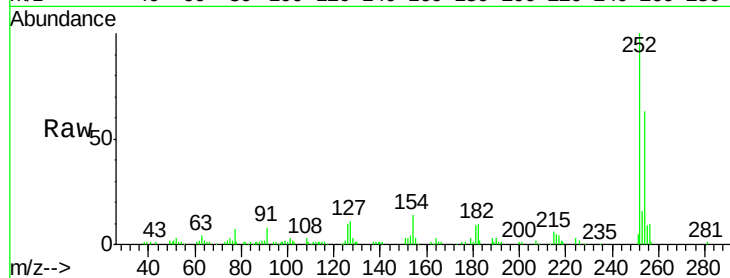




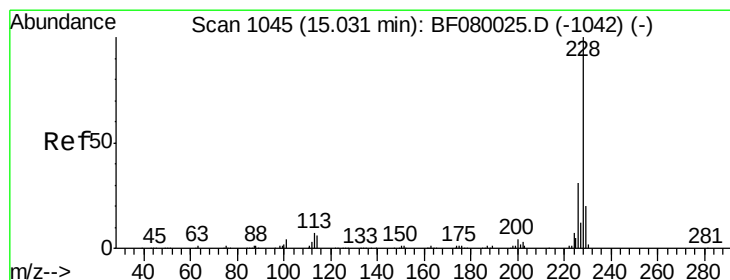
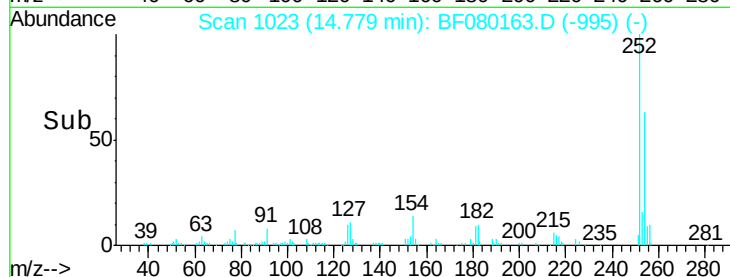
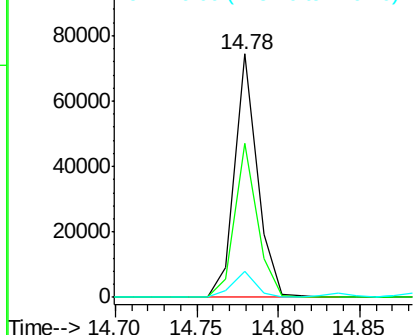
#81
 3,3'-Dichlorobenzidine
 Concen: 23.70 ng
 RT: 14.78 min Scan# 1023
 Delta R.T. 0.02 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB84184BS

Tgt Ion:252 Resp: 71350
 Ion Ratio Lower Upper
 252 100
 254 63.1 51.4 77.2
 126 10.4 16.4 24.6#

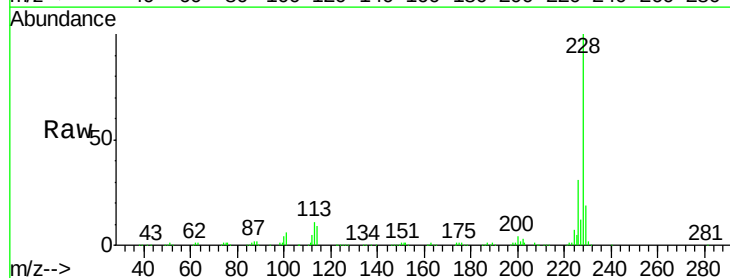


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

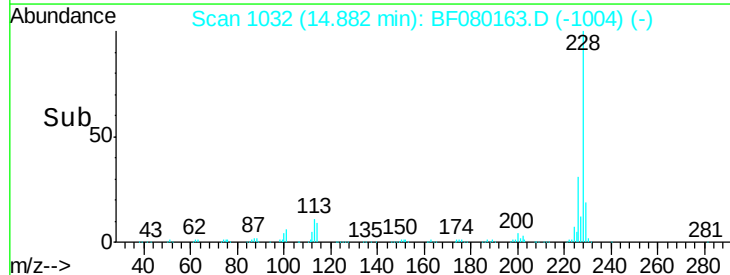
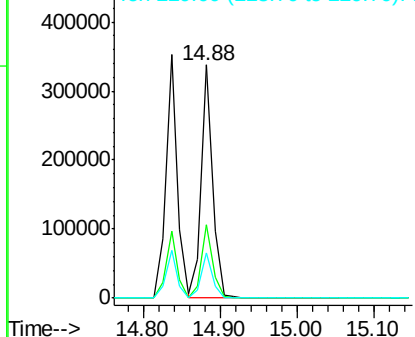


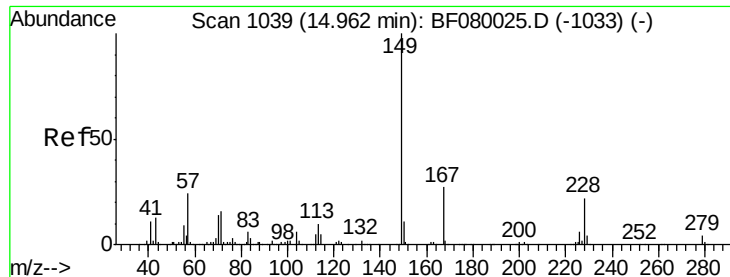
#82
 Chrysene
 Concen: 43.18 ng
 RT: 14.88 min Scan# 1032
 Delta R.T. 0.02 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Tgt Ion:228 Resp: 347644
 Ion Ratio Lower Upper
 228 100
 226 31.4 21.0 31.4
 229 19.5 15.6 23.4



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

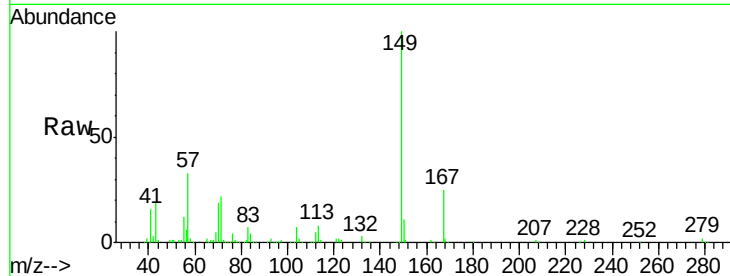




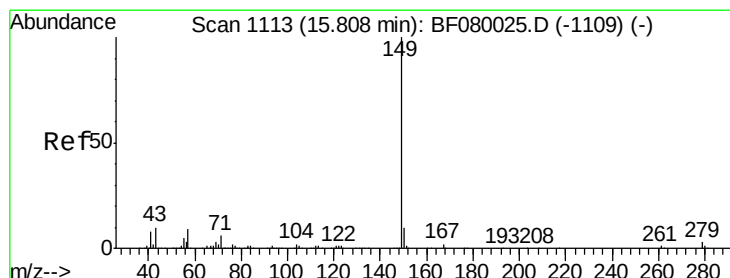
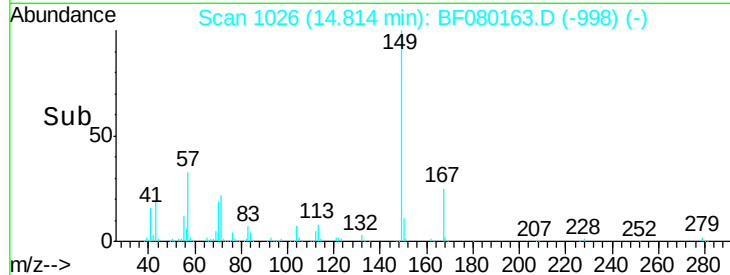
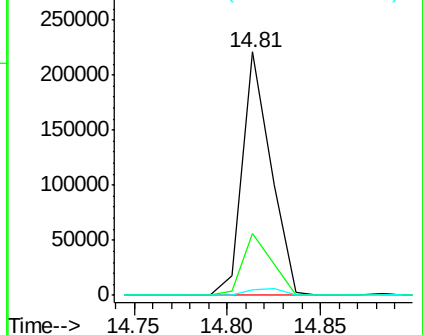
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.05 ng
 RT: 14.81 min Scan# 1026
 Delta R.T. 0.02 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB84184BS

Tgt Ion:149 Resp: 235449
 Ion Ratio Lower Upper
 149 100
 167 25.2 24.2 36.2
 279 2.3 3.8 5.6#

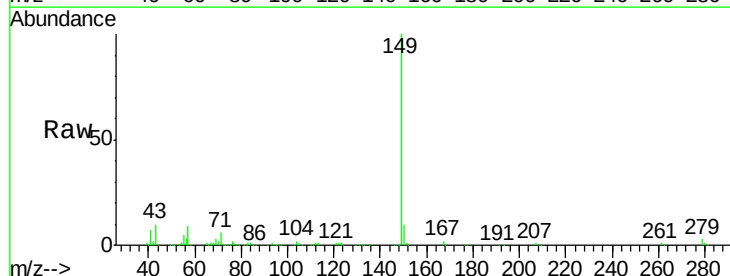


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

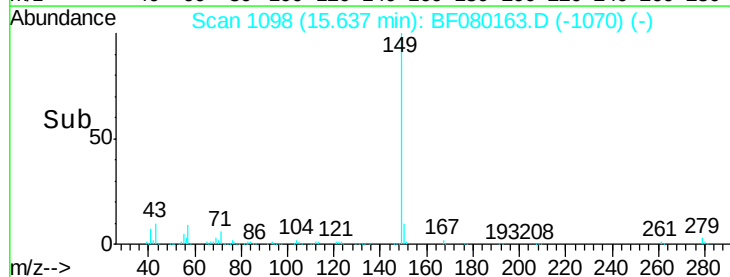
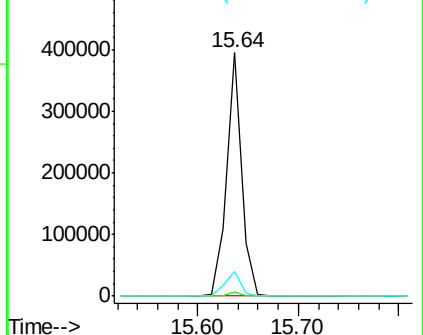


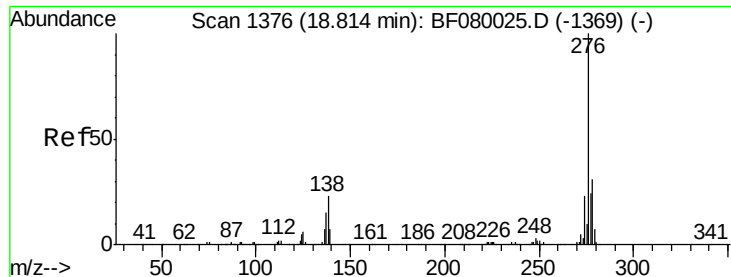
#84
 Di-n-octyl phthalate
 Concen: 42.68 ng
 RT: 15.64 min Scan# 1098
 Delta R.T. 0.02 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Tgt Ion:149 Resp: 409551
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.0 1.6
 43 10.6 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: 40.52 ng

RT: 18.57 min Scan# 1355

Delta R.T. 0.02 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Instrument :

BNA_F

ClientSampleId :

PB84184BS

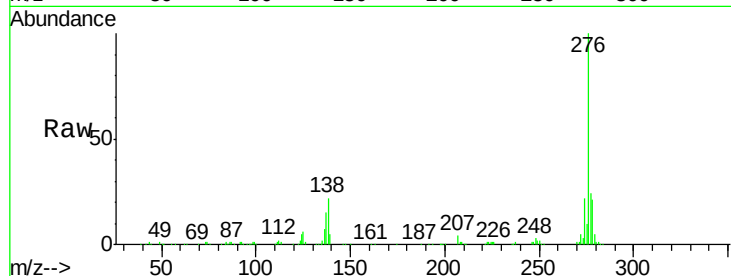
Tgt Ion:276 Resp: 411377

Ion Ratio Lower Upper

276 100

138 25.8 25.7 38.5

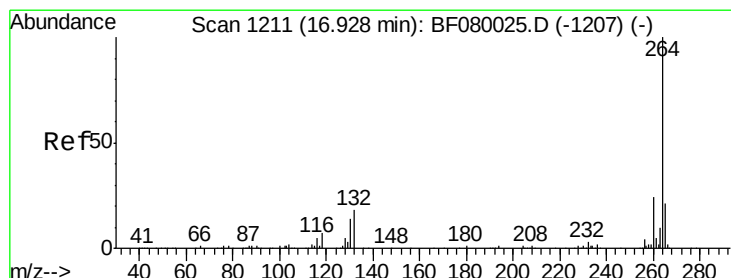
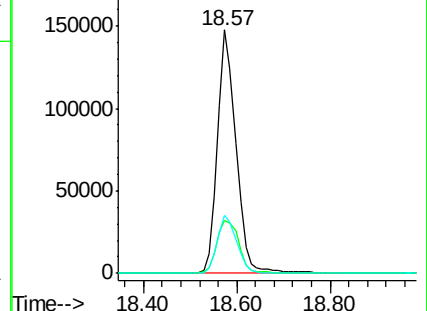
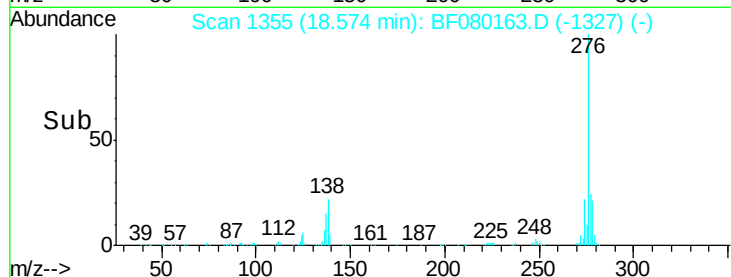
277 24.6 15.6 23.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.73 min Scan# 1194

Delta R.T. 0.02 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

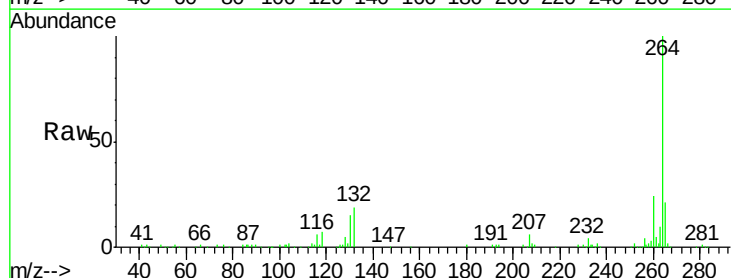
Tgt Ion:264 Resp: 141285

Ion Ratio Lower Upper

264 100

260 23.7 16.7 25.1

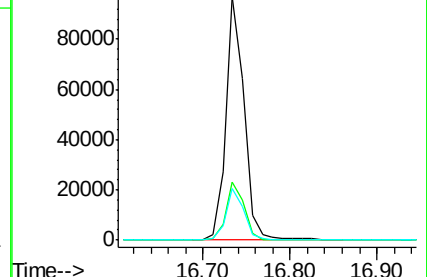
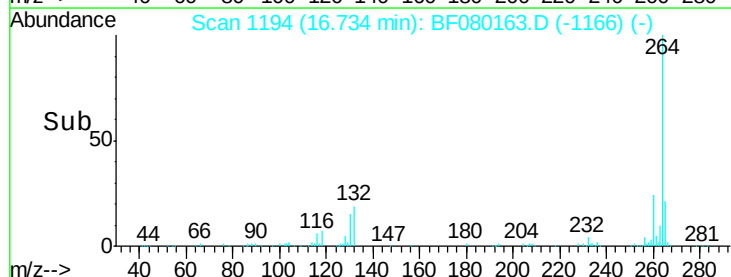
265 21.2 17.2 25.8

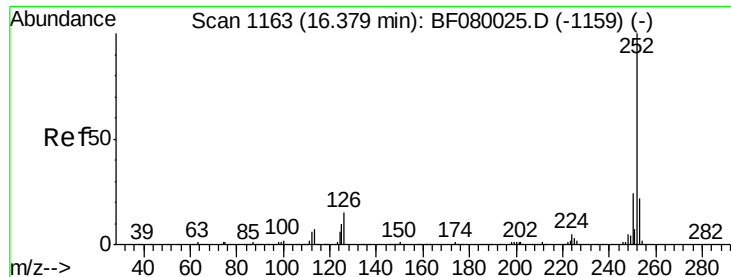


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

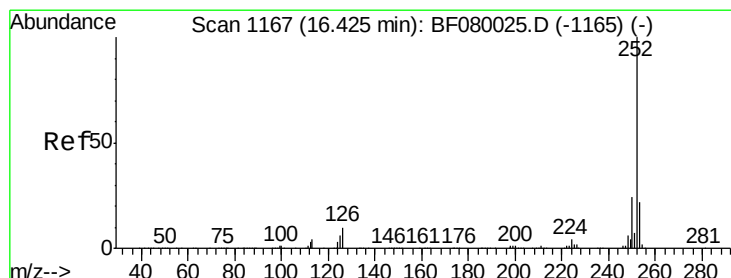
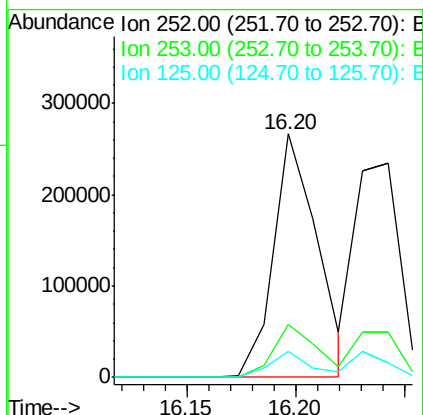
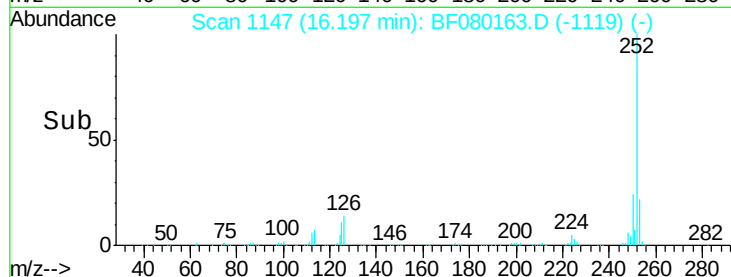
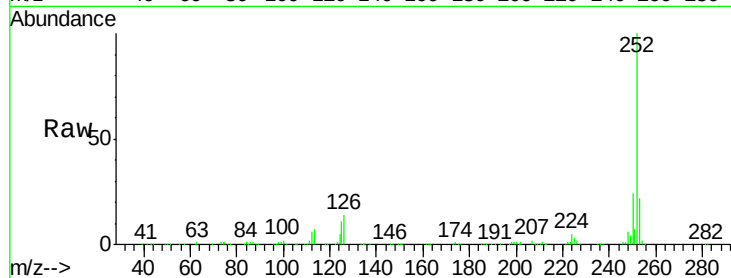




#87
Benzo(b)fluoranthene
Concen: 44.14 ng
RT: 16.20 min Scan# 1147
Delta R.T. 0.02 min
Lab File: BF080163.D
Acq: 25 Jun 2015 13:51

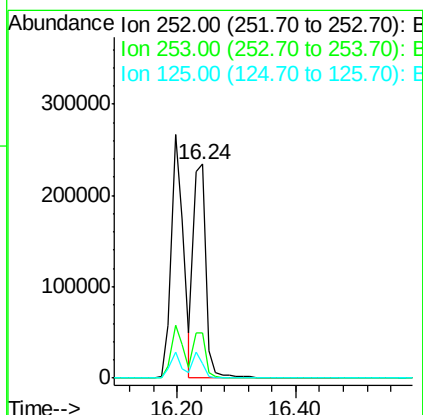
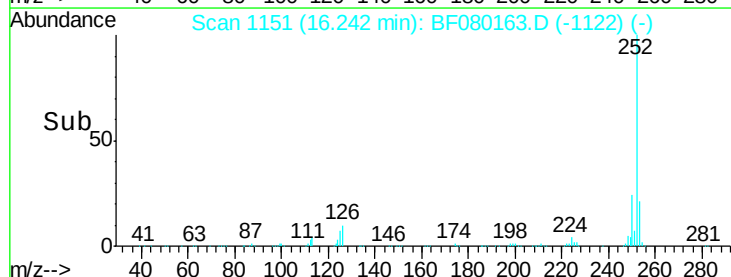
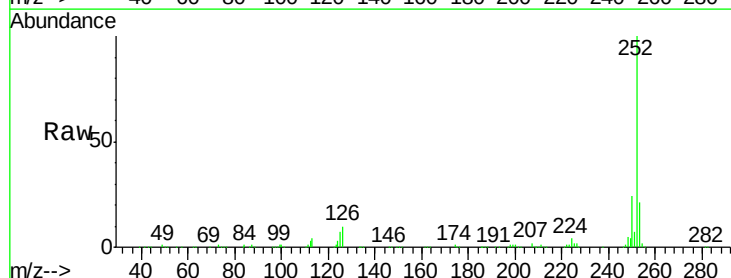
Instrument :
BNA_F
ClientSampleId :
PB84184BS

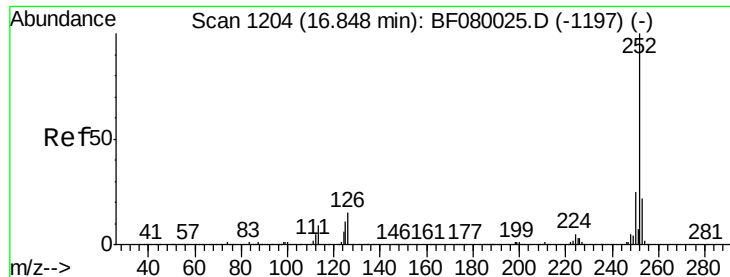
Tgt Ion:252 Resp: 377611
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 10.6 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 40.62 ng
RT: 16.24 min Scan# 1151
Delta R.T. 0.03 min
Lab File: BF080163.D
Acq: 25 Jun 2015 13:51

Tgt Ion:252 Resp: 353866
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.4
125 7.0 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 44.58 ng

RT: 16.65 min Scan# 1187

Delta R.T. 0.02 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Instrument :

BNA_F

ClientSampled :

PB84184BS

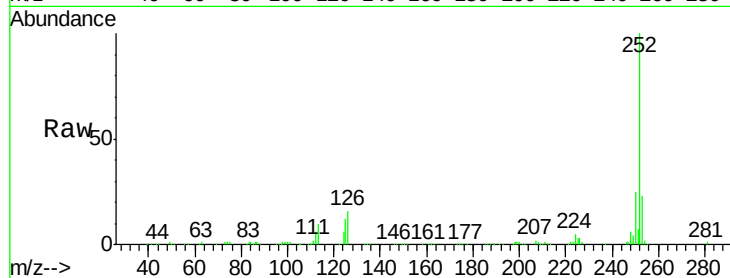
Tgt Ion:252 Resp: 362189

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

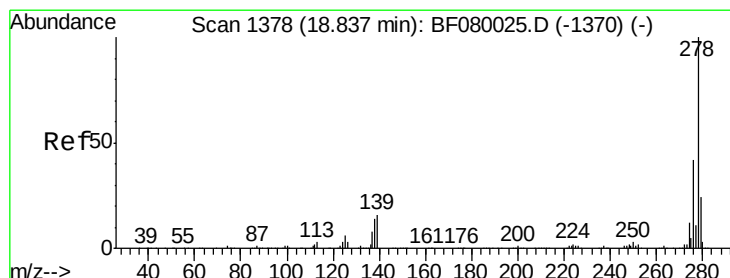
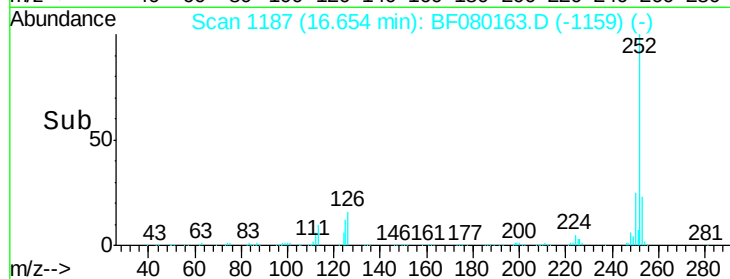
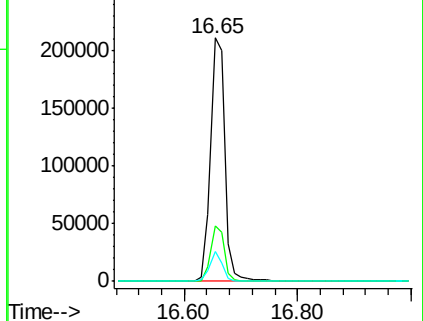
125 12.3 18.0 27.0#



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: 41.21 ng

RT: 18.60 min Scan# 1357

Delta R.T. 0.02 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

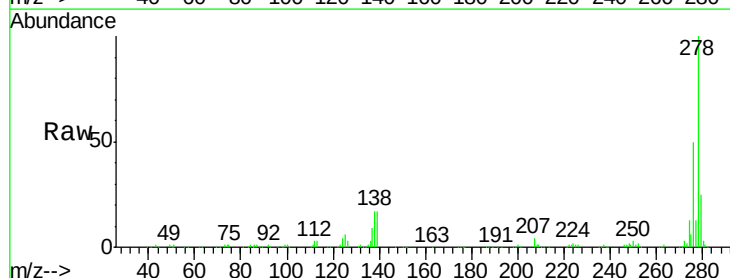
Tgt Ion:278 Resp: 342657

Ion Ratio Lower Upper

278 100

139 17.1 26.3 39.5#

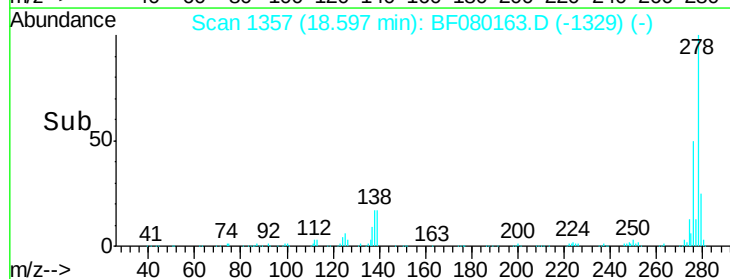
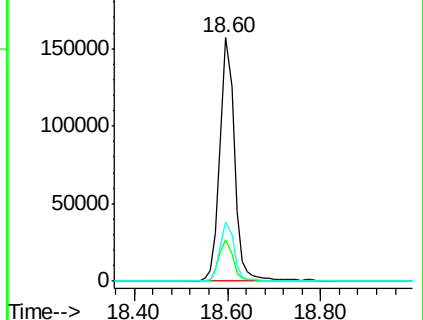
279 24.5 18.2 27.4

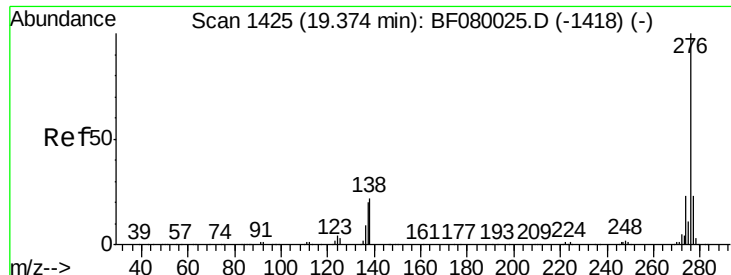


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.15 ng

RT: 19.13 min Scan# 1404

Delta R.T. 0.02 min

Lab File: BF080163.D

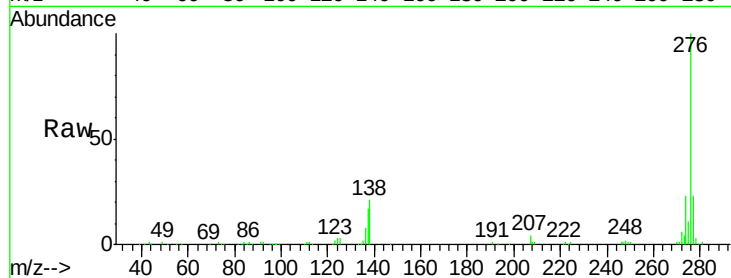
Acq: 25 Jun 2015 13:51

Instrument :

BNA_F

ClientSampleId :

PB84184BS



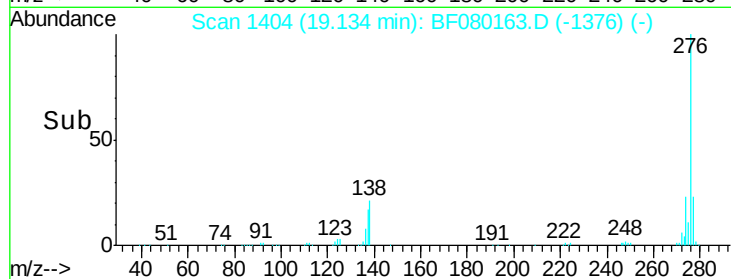
Tgt Ion: 276 Resp: 345515

Ion Ratio Lower Upper

276 100

277 23.2 17.8 26.6

138 20.8 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

