

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
 Data File : BF080151.D
 Acq On : 25 Jun 2015 2:37
 Operator : TP/IZ
 Sample : G2747-03MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-76(11-13)MS

Quant Time: Jun 25 05:08:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 25 00:52:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	55753	20.00	ng	0.00
21) Naphthalene-d8	8.61	136	217101	20.00	ng	0.00
38) Acenaphthene-d10	10.38	164	112345	20.00	ng	0.00
63) Phenanthrene-d10	11.89	188	209182	20.00	ng	0.00
75) Chrysene-d12	14.81	240	228415	20.00	ng	-0.11
86) Perylene-d12	16.68	264	252561	20.00	ng	-0.16

System Monitoring Compounds

5) 2-Fluorophenol	5.93	112	437272	138.83	ng	0.01
7) Phenol-d6	6.93	99	594498	141.84	ng	0.01
23) Nitrobenzene-d5	7.88	82	359780	96.48	ng	0.00
41) 2,4,6-Tribromophenol	11.18	330	141284	128.61	ng	0.01
44) 2-Fluorobiphenyl	9.68	172	526789	66.87	ng	0.00
78) Terphenyl-d14	13.56	244	520633	53.23	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.21	88	47955	32.03	ng	87
3) Pyridine	4.01	79	144217	36.22	ng	# 81
4) n-Nitrosodimethylamine	3.93	42	79367	41.95	ng	95
6) Aniline	6.97	93	170905	29.64	ng	96
8) 2-Chlorophenol	7.10	128	170220	46.76	ng	93
9) Benzaldehyde	6.86	77	93616	38.69	ng	# 76
10) Phenol	6.94	94	206155	45.07	ng	86
11) bis(2-Chloroethyl)ether	7.03	93	152571	42.04	ng	98
12) 1,3-Dichlorobenzene	7.26	146	188686m	43.15	ng	
13) 1,4-Dichlorobenzene	7.34	146	175488	42.20	ng	98
14) 1,2-Dichlorobenzene	7.49	146	179054m	44.24	ng	
15) Benzyl Alcohol	7.44	79	157073	45.84	ng	# 79
16) 2,2'-oxybis(1-Chloropropan	7.58	45	240847	44.71	ng	87
17) 2-Methylphenol	7.54	107	131813	42.39	ng	# 84
18) Hexachloroethane	7.84	117	57933	41.84	ng	# 64
19) n-Nitroso-di-n-propylamine	7.70	70	115002	39.52	ng	# 80
20) 3+4-Methylphenols	7.69	107	183601	45.75	ng	87
22) Acetophenone	7.72	105	239395	47.32	ng	# 85
24) Nitrobenzene	7.89	77	170875	44.39	ng	# 62
25) Isophorone	8.13	82	337845	45.02	ng	# 87
26) 2-Nitrophenol	8.21	139	80260	49.82	ng	# 38
27) 2,4-Dimethylphenol	8.23	122	148125	44.09	ng	# 78
28) bis(2-Chloroethoxy)methane	8.33	93	217566	49.34	ng	# 93
29) 2,4-Dichlorophenol	8.45	162	140521	48.84	ng	89
30) 1,2,4-Trichlorobenzene	8.55	180	146379	44.80	ng	97
31) Naphthalene	8.63	128	514091m	45.29	ng	
32) Benzoic acid	8.30	122	49411m	24.33	ng	
33) 4-Chloroaniline	8.66	127	96599m	19.89	ng	
34) Hexachlorobutadiene	8.74	225	91639	45.55	ng	98
35) Caprolactam	9.01	113	42978	46.02	ng	# 85
36) 4-Chloro-3-methylphenol	9.13	107	142291	43.85	ng	# 74
37) 2-Methylnaphthalene	9.33	142	340418	46.36	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.50	216	144352	44.15	ng	99
40) Hexachlorocyclopentadiene	9.49	237	77314	48.62	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.60	196	103625	46.58	ng	97
43) 2,4,5-Trichlorophenol	9.64	196	115414m	45.03	ng	
45) 1,1'-Biphenyl	9.78	154	401046	43.88	ng	93
46) 2-Chloronaphthalene	9.82	162	331956	44.76	ng	97
47) 2-Nitroaniline	9.90	65	97164	47.73	ng	# 70
48) Acenaphthylene	10.24	152	576801	46.60	ng	97
49) Dimethylphthalate	10.07	163	420837	49.83	ng	# 97
50) 2,6-Dinitrotoluene	10.14	165	80780	47.71	ng	# 69
51) Acenaphthene	10.41	154	331673	43.80	ng	92
52) 3-Nitroaniline	10.31	138	63823	32.67	ng	# 68
53) 2,4-Dinitrophenol	10.41	184	33184	50.47	ng	# 1
54) Dibenzofuran	10.58	168	476336	44.33	ng	# 91
55) 4-Nitrophenol	10.46	139	144899	92.79	ng	# 55
56) 2,4-Dinitrotoluene	10.55	165	118184	55.00	ng	# 94
57) Fluorene	10.93	166	360520	42.28	ng	91
58) 2,3,4,6-Tetrachlorophenol	10.70	232	100263	46.34	ng	96
59) Diethylphthalate	10.78	149	374515	44.04	ng	99
60) 4-Chlorophenyl-phenylether	10.92	204	179234	43.74	ng	96
61) 4-Nitroaniline	10.93	138	79741	39.52	ng	# 59
62) Azobenzene	11.08	77	371050	42.86	ng	90
64) 4,6-Dinitro-2-methylphenol	10.96	198	32907	35.02	ng	82
65) n-Nitrosodiphenylamine	11.03	169	329444	48.37	ng	92
66) 4-Bromophenyl-phenylether	11.41	248	103255	46.42	ng	# 90
67) Hexachlorobenzene	11.49	284	110265	44.61	ng	# 80
68) Atrazine	11.54	200	98134	45.60	ng	82
69) Pentachlorophenol	11.68	266	137146	97.91	ng	98
70) Phenanthrene	11.91	178	599874	47.37	ng	97
71) Anthracene	11.96	178	570004	46.74	ng	96
72) Carbazole	12.11	167	483329	41.52	ng	94
73) Di-n-butylphthalate	12.44	149	634177	47.15	ng	# 98
74) Fluoranthene	13.16	202	614097	45.53	ng	94
76) Benzidine	13.28	184	285236	44.67	ng	# 98
77) Pyrene	13.42	202	712289	50.65	ng	97
79) Butylbenzylphthalate	14.09	149	277468	49.13	ng	# 86
80) Benzo(a)anthracene	14.80	228	700671	50.35	ng	94
81) 3,3'-Dichlorobenzidine	14.75	252	174257	36.31	ng	# 96
82) Chrysene	14.85	228	634988	49.49	ng	94
83) Bis(2-ethylhexyl)phthalate	14.78	149	430711	48.25	ng	95
84) Di-n-octyl phthalate	15.57	149	762084	49.83	ng	96
85) Indeno(1,2,3-cd)pyrene	18.53	276	757760	46.83	ng	# 89
87) Benzo(b)fluoranthene	16.14	252	765172	50.04	ng	# 89
88) Benzo(k)fluoranthene	16.19	252	627723	40.31	ng	# 86
89) Benzo(a)pyrene	16.61	252	713959	49.16	ng	# 86
90) Dibenzo(a,h)anthracene	18.55	278	593066	39.90	ng	# 82
91) Benzo(g,h,i)perylene	19.09	276	653093	43.52	ng	# 78

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

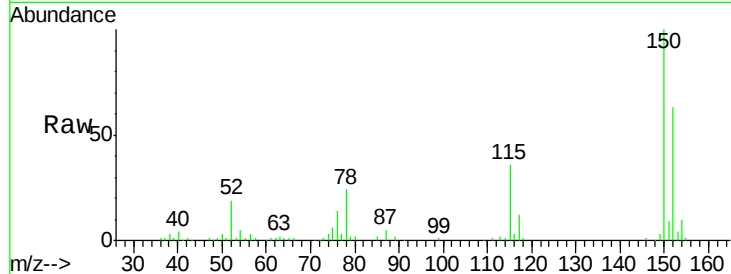


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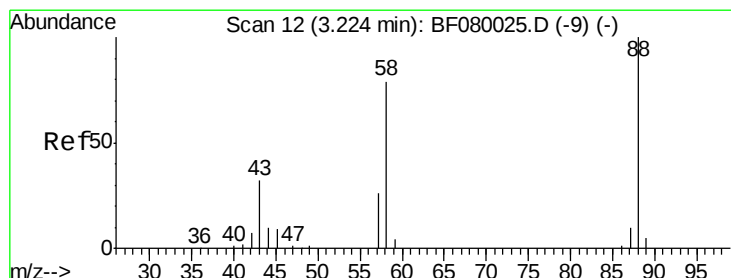
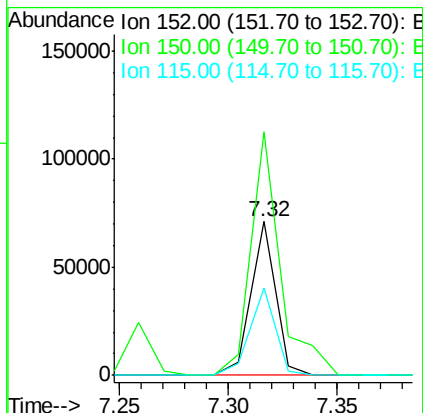
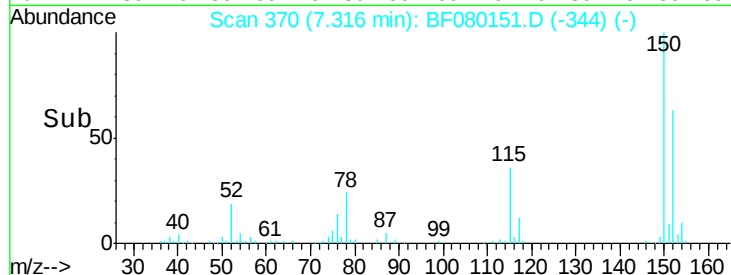
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 370
Delta R.T. 0.00 min
Lab File: BF080151.D
Acq: 25 Jun 2015 2:37

Instrument :
BNA_F
ClientSampleId :
SB-76(11-13)MS

Tgt Ion:152 Resp: 55753
Ion Ratio Lower Upper
152 100
150 158.5 124.7 187.1
115 57.0 39.0 58.4



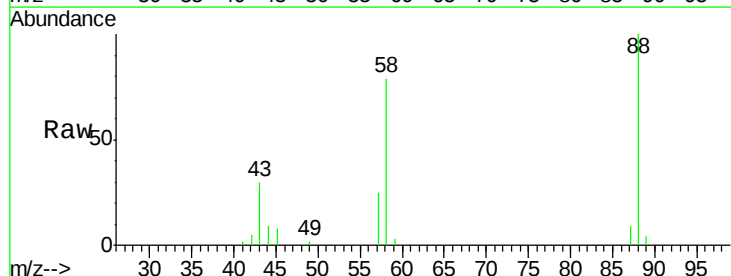
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



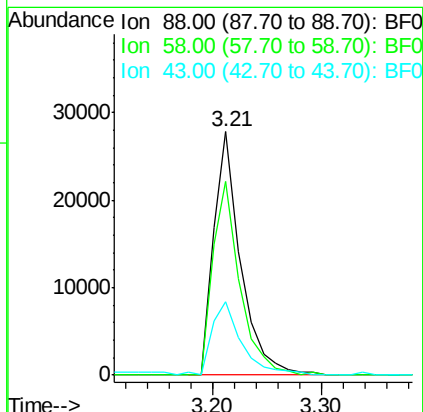
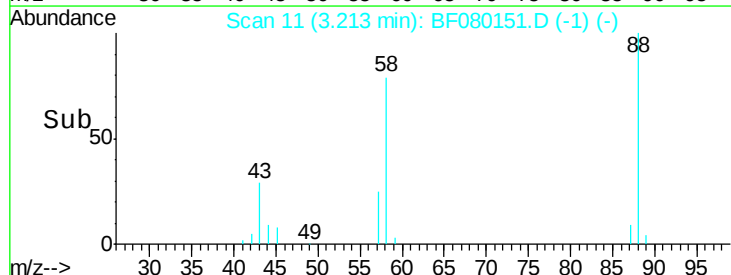
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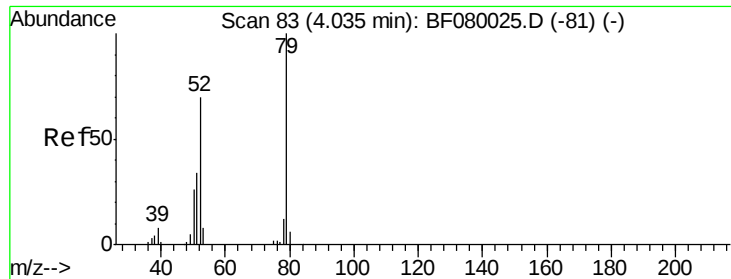
1,4-Dioxane
Concen: 32.03 ng
RT: 3.21 min Scan# 11
Delta R.T. 0.03 min
Lab File: BF080151.D
Acq: 25 Jun 2015 2:37

Tgt Ion: 88 Resp: 47955
Ion Ratio Lower Upper
88 100
58 80.1 77.7 116.5
43 33.9 26.6 40.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 36.22 ng

RT: 4.01 min Scan# 81

Delta R.T. 0.01 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MS

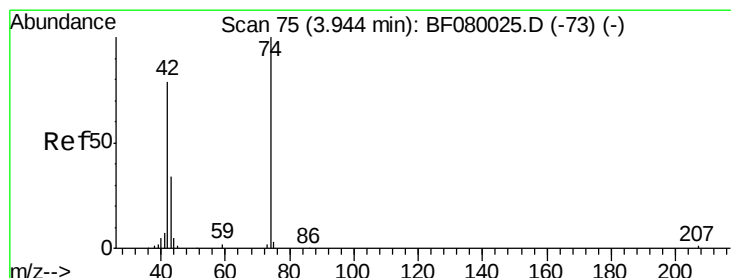
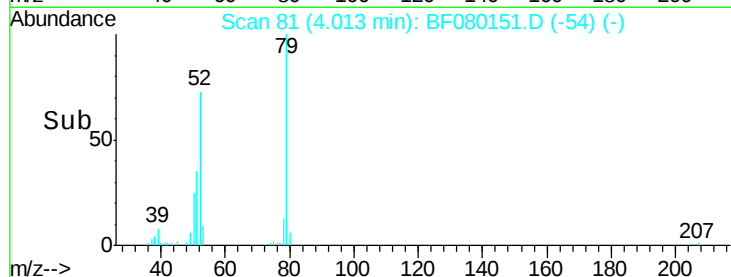
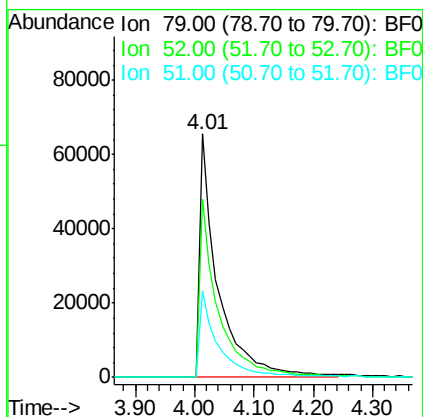
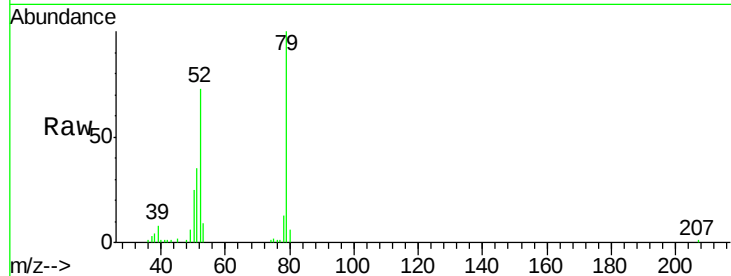
Tgt Ion: 79 Resp: 144217

Ion Ratio Lower Upper

79 100

52 73.2 76.8 115.2#

51 35.2 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 41.95 ng

RT: 3.93 min Scan# 74

Delta R.T. 0.02 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

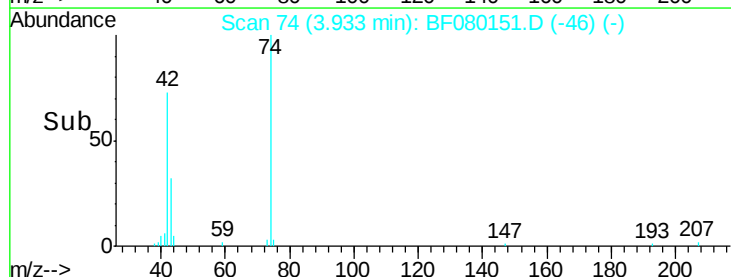
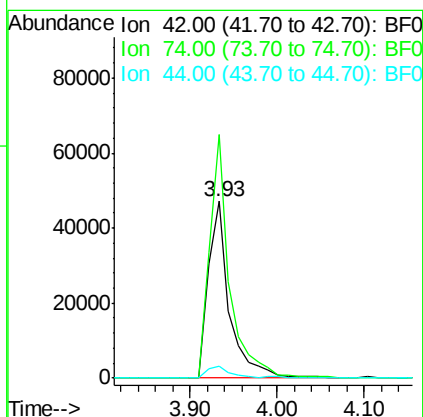
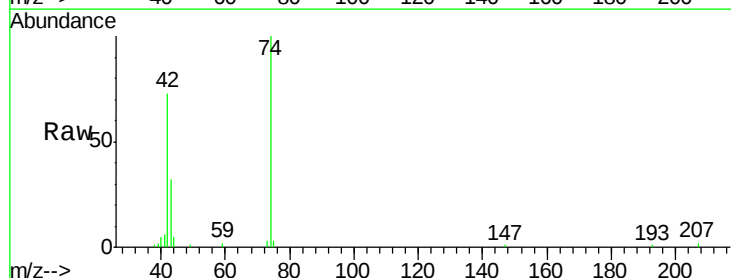
Tgt Ion: 42 Resp: 79367

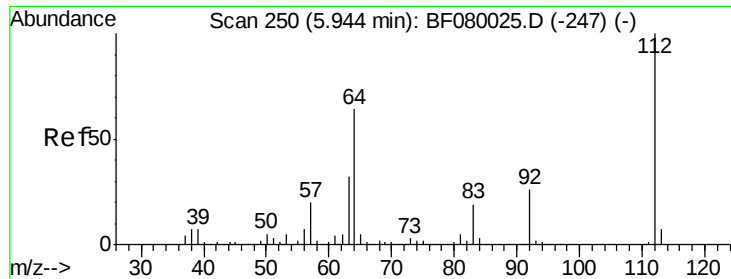
Ion Ratio Lower Upper

42 100

74 137.9 105.0 157.6

44 6.9 6.6 10.0





#5

2-Fluorophenol

Concen: 138.83 ng

RT: 5.93 min Scan# 249

Delta R.T. 0.01 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

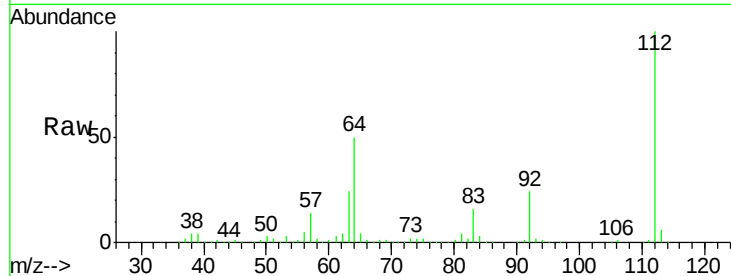
Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MS

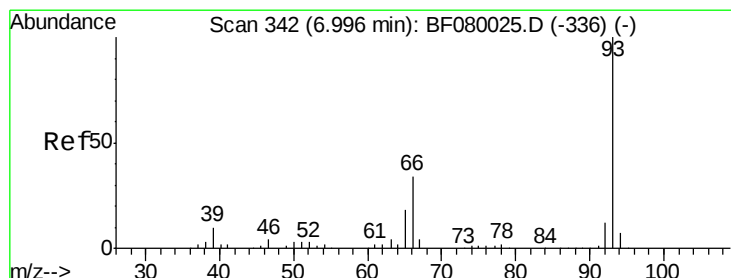
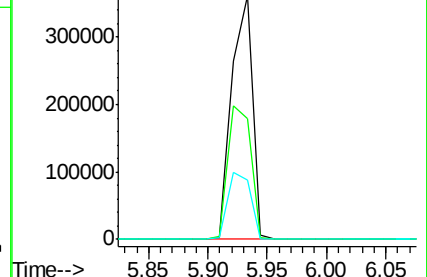
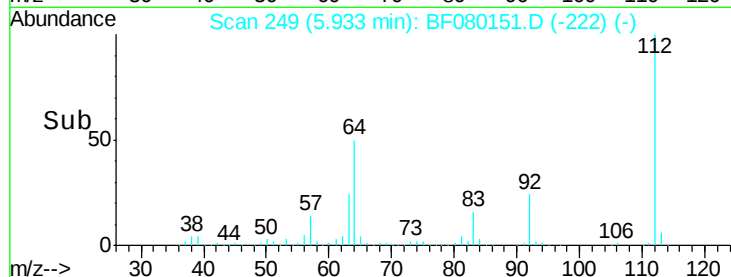
Tgt Ion:	112	Resp:	437272
Ion	Ratio	Lower	Upper
112	100		
64	49.8	39.7	59.5
63	24.5	17.4	26.0



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 29.64 ng

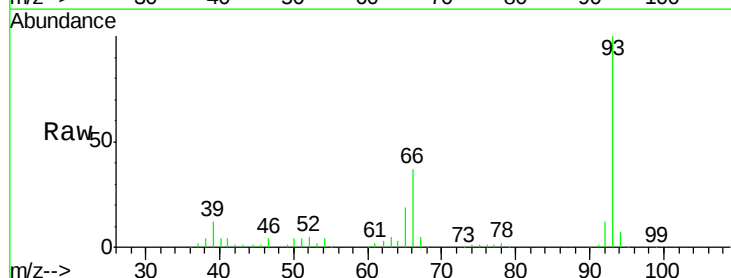
RT: 6.97 min Scan# 340

Delta R.T. 0.00 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

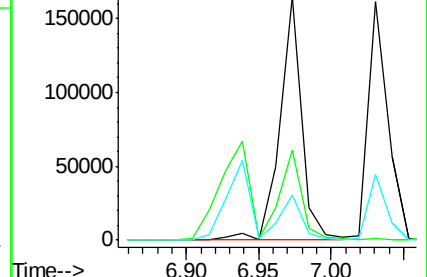
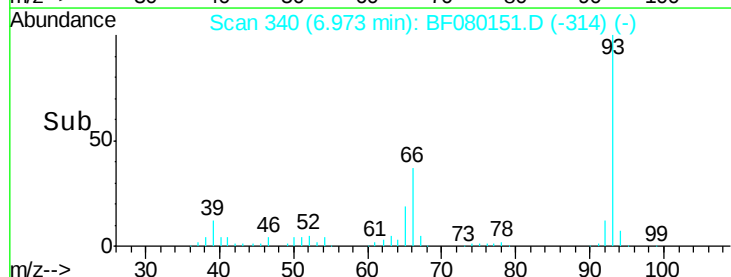
Tgt Ion:	93	Resp:	170905
Ion	Ratio	Lower	Upper
93	100		
66	37.2	27.2	40.8
65	18.6	14.7	22.1



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 141.84 ng

RT: 6.93 min Scan# 336

Delta R.T. 0.01 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MS

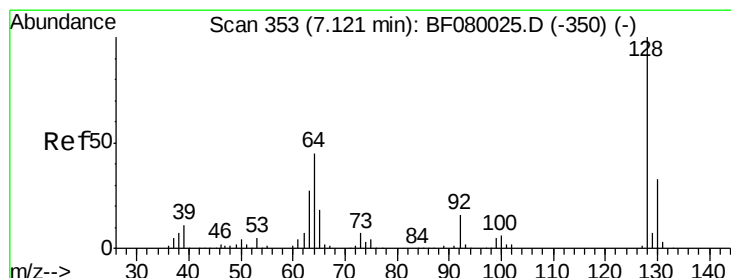
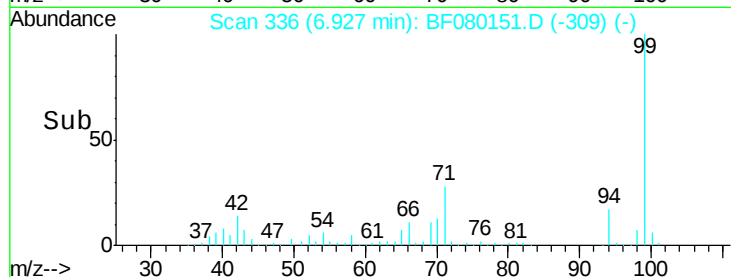
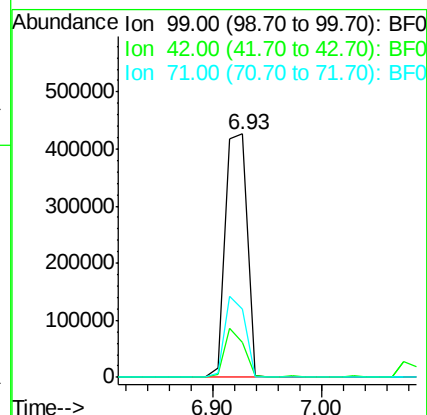
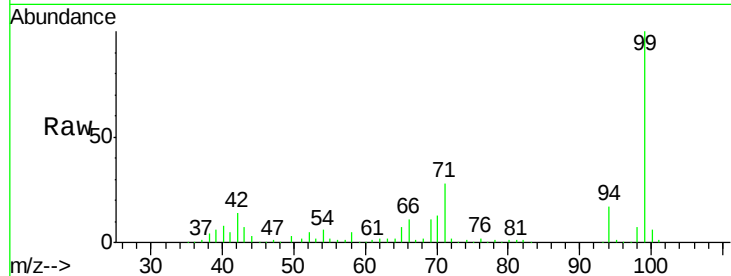
Tgt Ion: 99 Resp: 594498

Ion Ratio Lower Upper

99 100

42 14.3 13.7 20.5

71 28.0 14.2 21.2#



#8

2-Chlorophenol

Concen: 46.76 ng

RT: 7.10 min Scan# 351

Delta R.T. 0.00 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

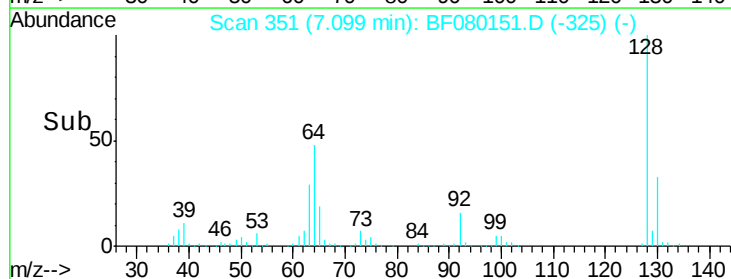
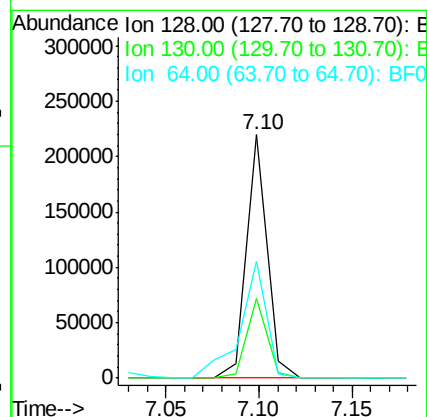
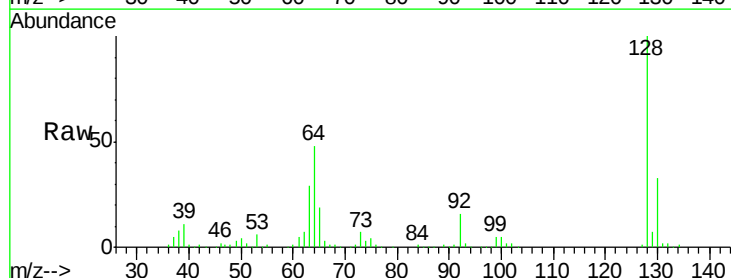
Tgt Ion: 128 Resp: 170220

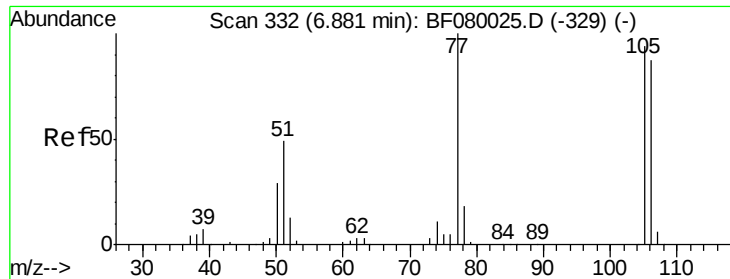
Ion Ratio Lower Upper

128 100

130 32.8 12.2 52.2

64 47.9 20.5 60.5





#9

Benzaldehyde

Concen: 38.69 ng

RT: 6.86 min Scan# 330

Delta R.T. 0.00 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

Instrument :

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ClientSampleId :

SB-76(11-13)MS

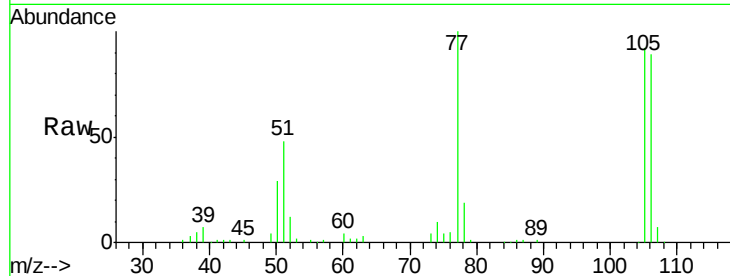
Tgt Ion: 77 Resp: 93616

Ion Ratio Lower Upper

77 100

105 92.3 91.6 131.6

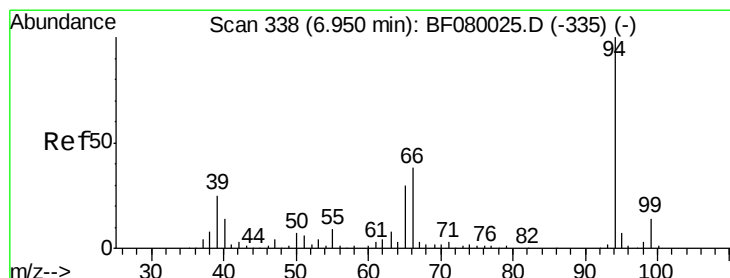
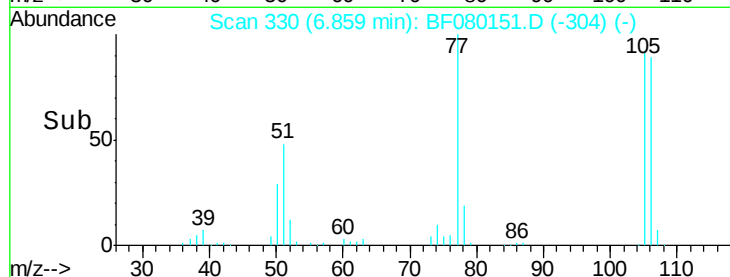
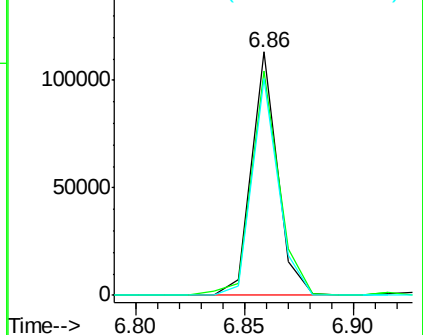
106 89.0 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 45.07 ng

RT: 6.94 min Scan# 337

Delta R.T. 0.01 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

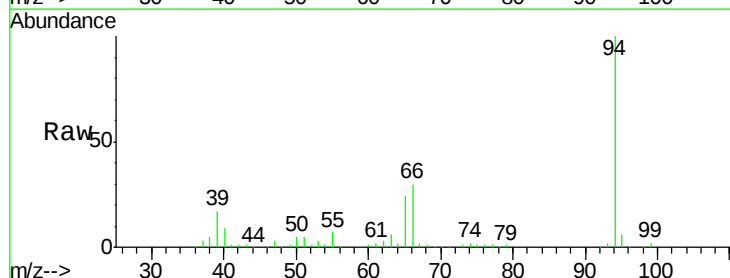
Tgt Ion: 94 Resp: 206155

Ion Ratio Lower Upper

94 100

65 24.5 0.7 40.7

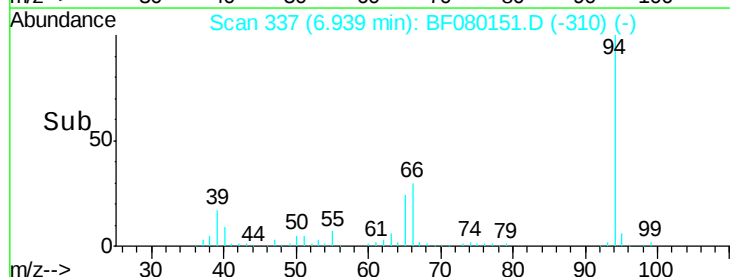
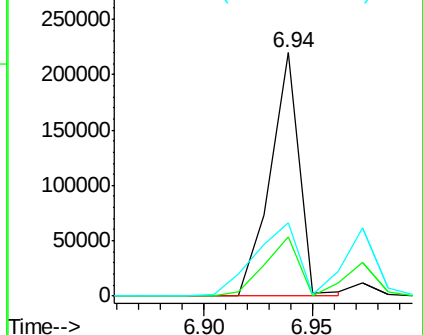
66 30.3 0.8 40.8

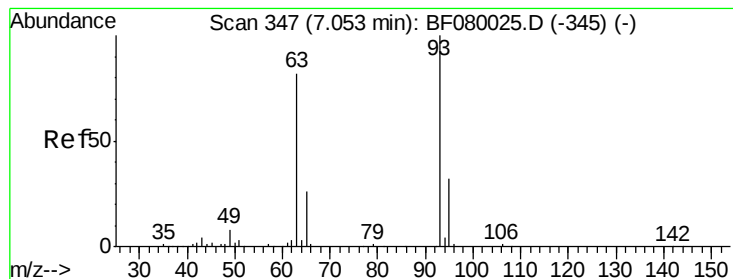


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.04 ng

RT: 7.03 min Scan# 345

Delta R.T. 0.00 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MS

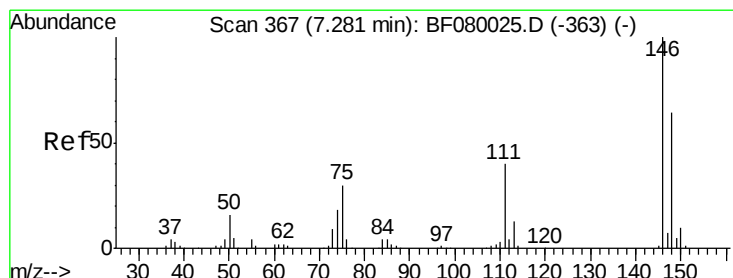
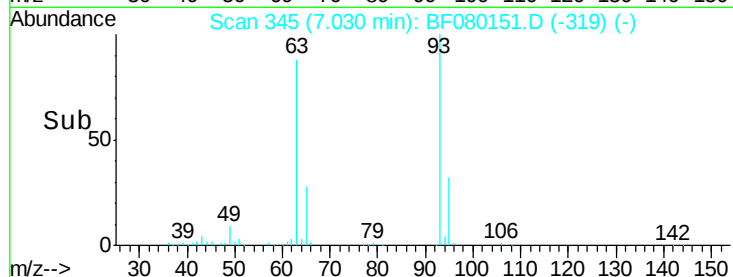
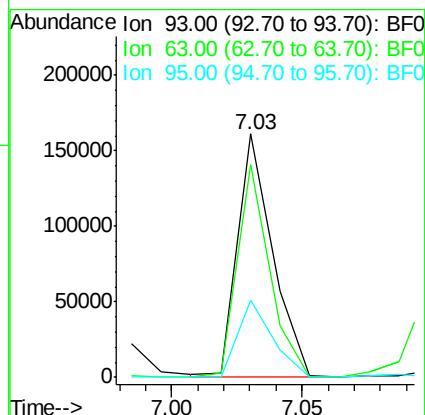
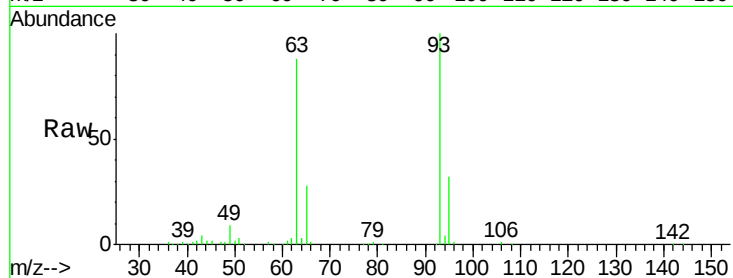
Tgt Ion: 93 Resp: 152571

Ion Ratio Lower Upper

93 100

63 87.7 65.6 105.6

95 31.9 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 43.15 ng m

RT: 7.26 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

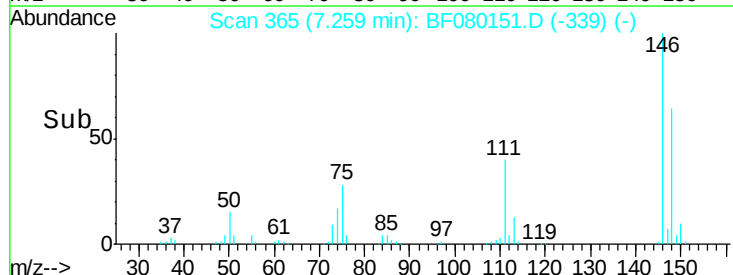
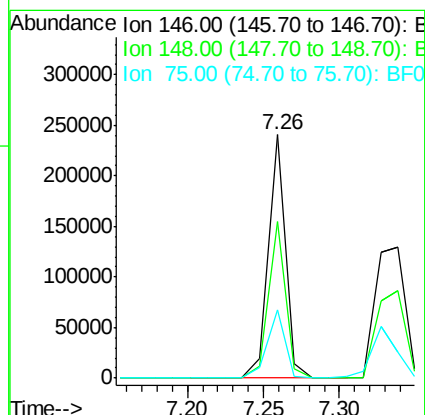
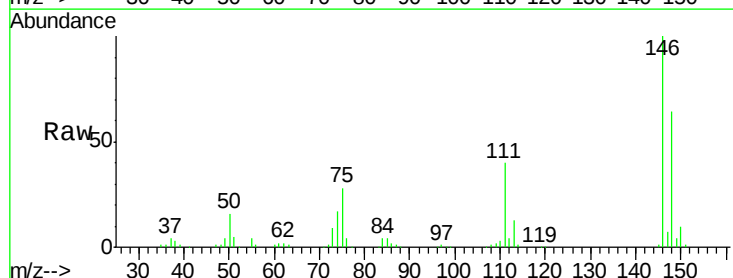
Tgt Ion: 146 Resp: 188686

Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.4

75 28.3 15.0 22.6#

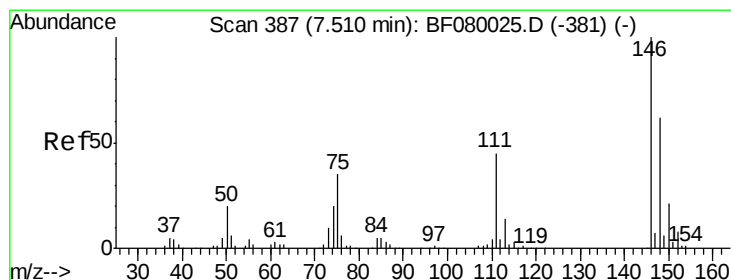
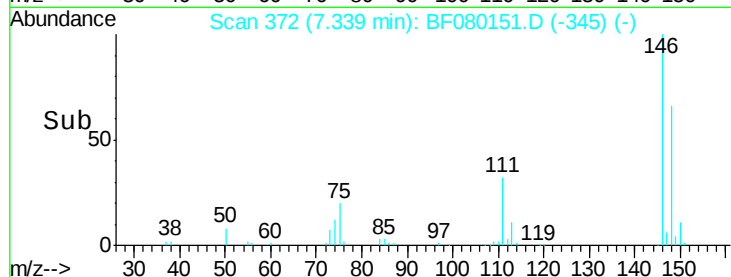
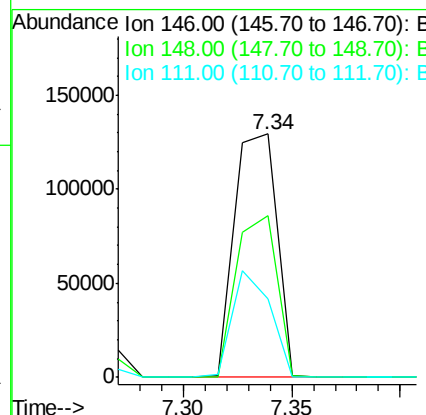
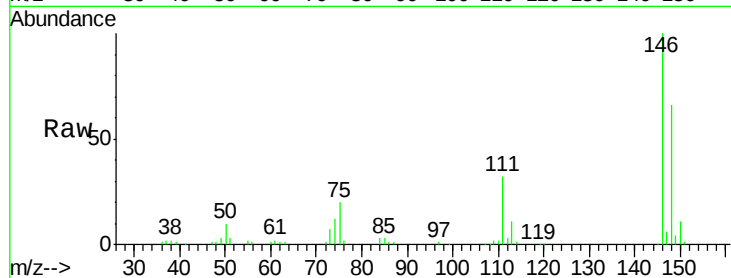




#13
 1,4-Dichlorobenzene
 Concen: 42.20 ng
 RT: 7.34 min Scan# 372
 Delta R.T. 0.01 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

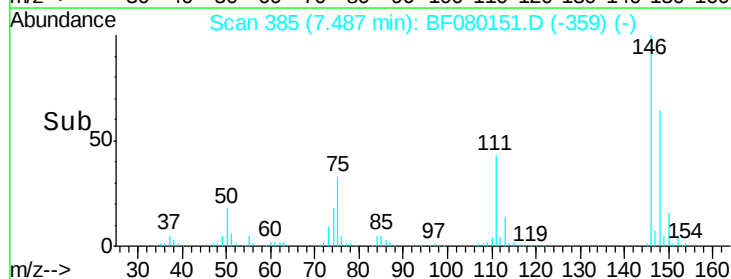
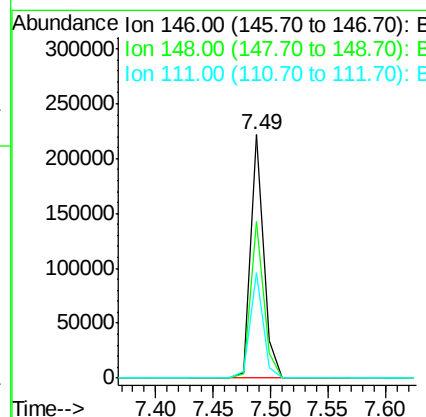
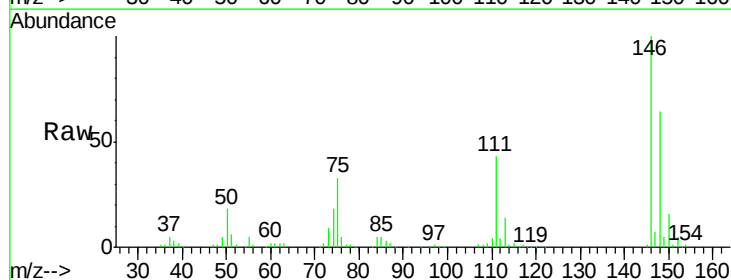
Instrument :
 BNA_F
 ClientSampleId :
 SB-76(11-13)MS

Tgt Ion:146 Resp: 175488
 Ion Ratio Lower Upper
 146 100
 148 66.5 51.8 77.6
 111 32.1 24.9 37.3



#14
 1,2-Dichlorobenzene
 Concen: 44.24 ng m
 RT: 7.49 min Scan# 385
 Delta R.T. 0.00 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

Tgt Ion:146 Resp: 179054
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.7 79.1
 111 43.3 28.8 43.2#





#15

Benzyl Alcohol

Concen: 45.84 ng

RT: 7.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MS

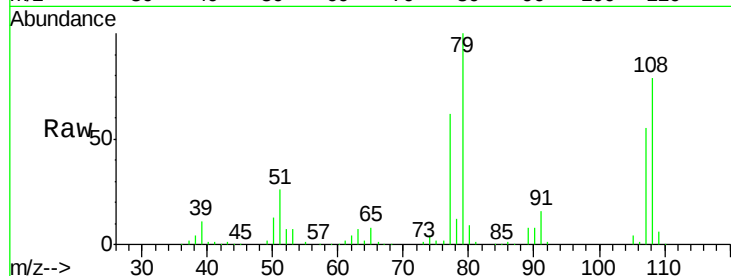
Tgt Ion: 79 Resp: 157073

Ion Ratio Lower Upper

79 100

108 79.0 88.6 132.8#

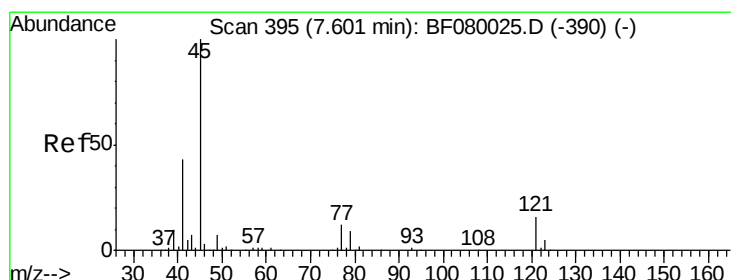
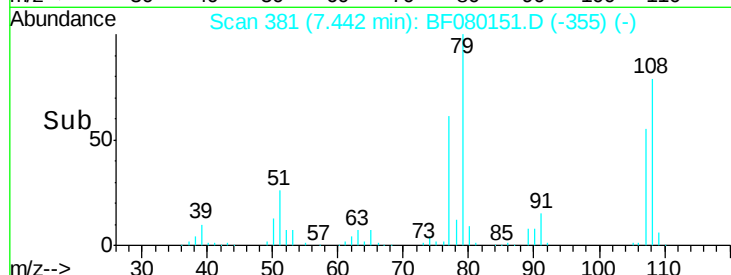
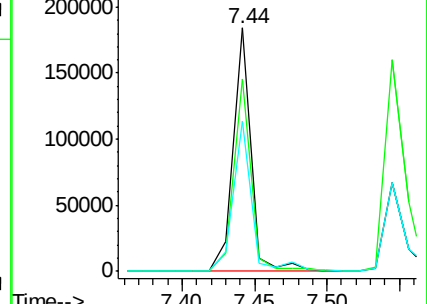
77 61.8 47.0 70.4



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: 44.71 ng

RT: 7.58 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

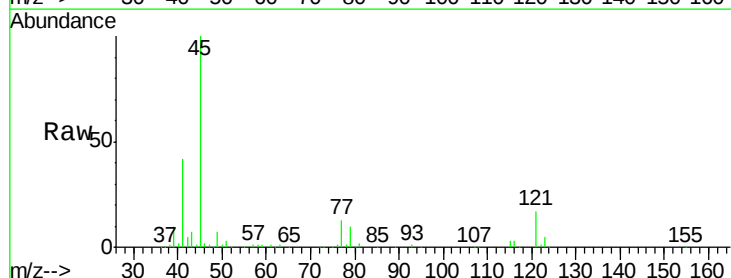
Tgt Ion: 45 Resp: 240847

Ion Ratio Lower Upper

45 100

77 13.0 0.0 28.1

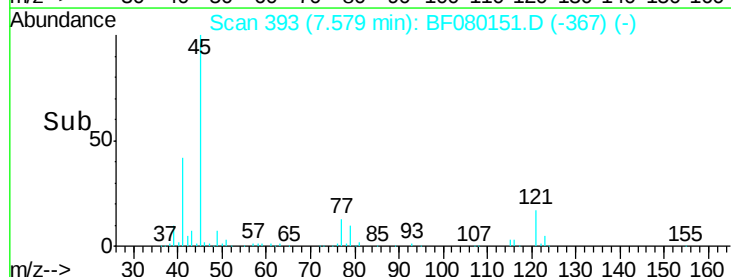
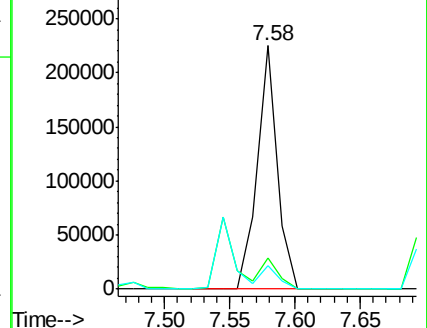
79 9.7 0.0 26.0

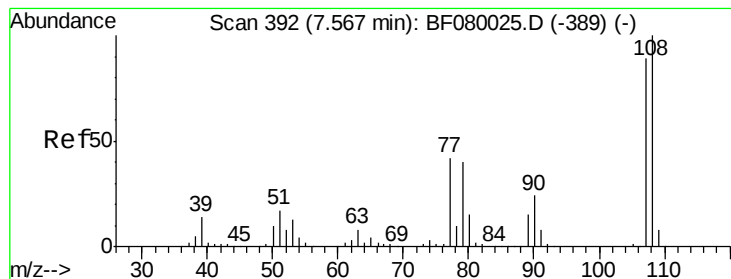


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 42.39 ng

RT: 7.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MS

Tgt Ion:107 Resp: 131813

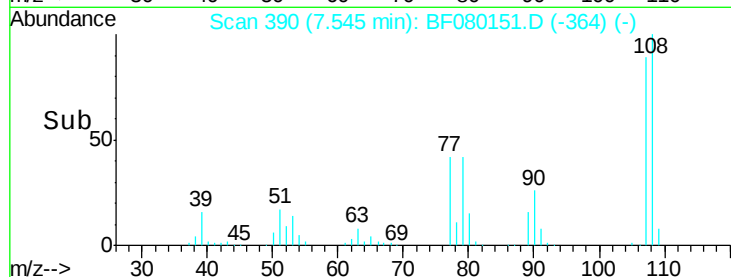
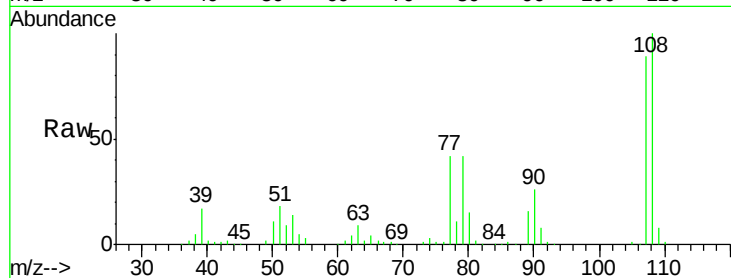
Ion Ratio Lower Upper

107 100

108 112.7 96.6 145.0

77 47.1 23.3 34.9#

79 47.1 22.0 33.0#



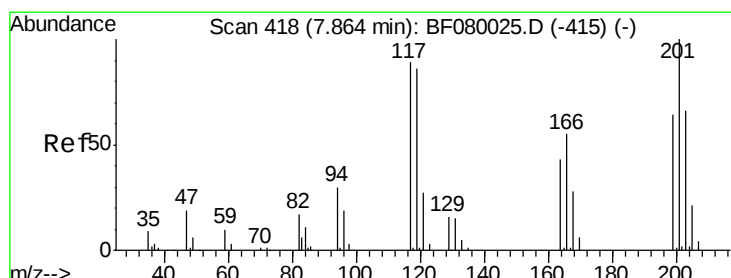
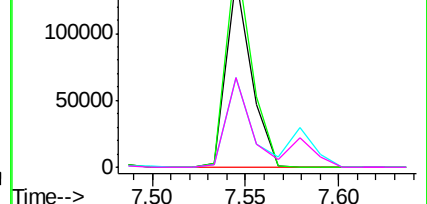
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->



#18

Hexachloroethane

Concen: 41.84 ng

RT: 7.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

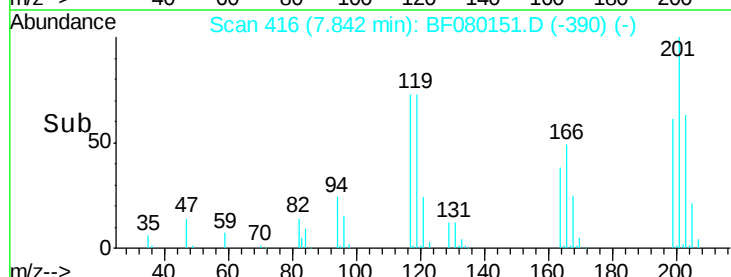
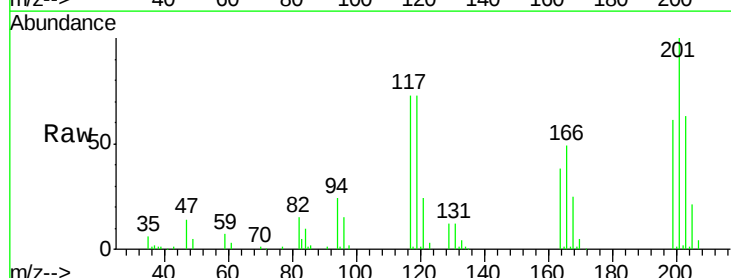
Tgt Ion:117 Resp: 57933

Ion Ratio Lower Upper

117 100

119 99.1 83.8 125.6

201 136.2 55.1 82.7#

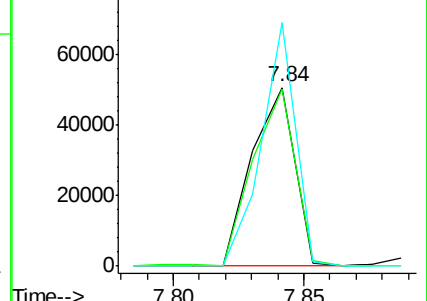


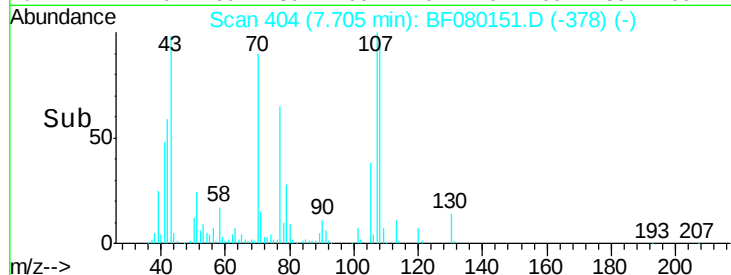
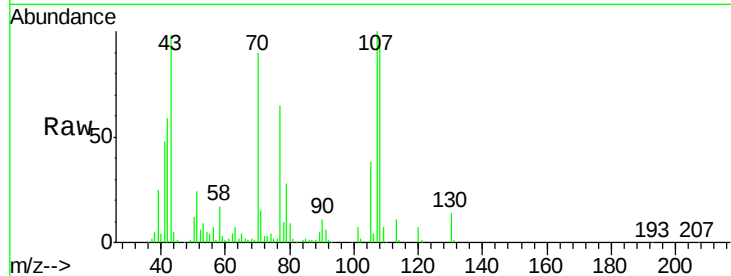
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->

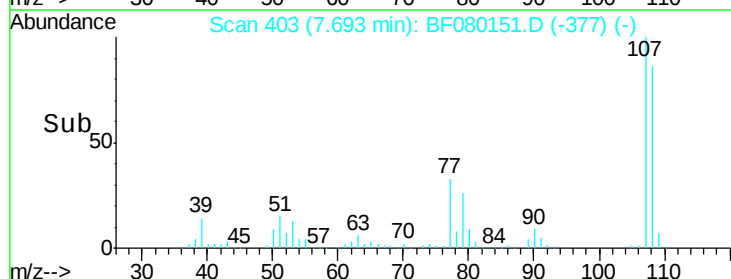
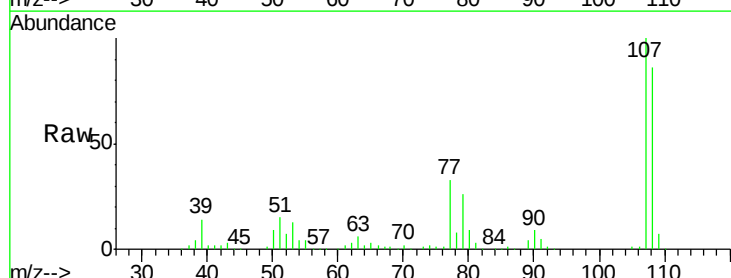
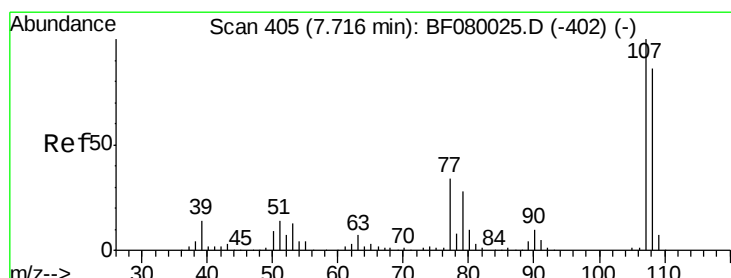
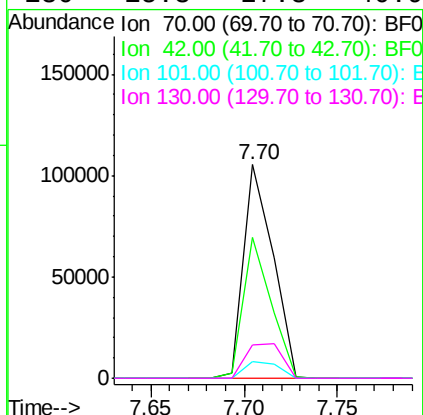




#19
n-Nitroso-di-n-propylamine
Concen: 39.52 ng
RT: 7.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF080151.D
Acq: 25 Jun 2015 2:37

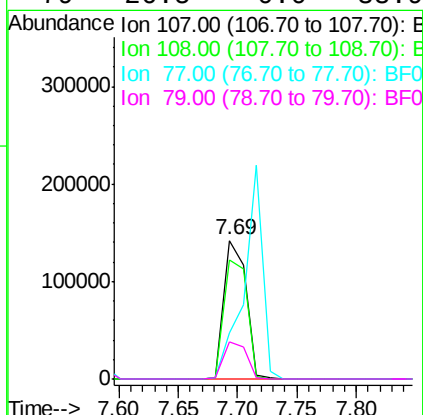
Instrument :
BNA_F
ClientSampleId :
SB-76(11-13)MS

Tgt Ion: 70 Resp: 115002
Ion Ratio Lower Upper
70 100
42 65.7 63.8 95.6
101 7.9 9.2 13.8#
130 15.3 27.3 40.9#



#20
3+4-Methylphenols
Concen: 45.75 ng
RT: 7.69 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF080151.D
Acq: 25 Jun 2015 2:37

Tgt Ion: 107 Resp: 183601
Ion Ratio Lower Upper
107 100
108 85.6 74.6 114.6
77 33.3 0.7 40.7
79 26.5 0.0 38.9

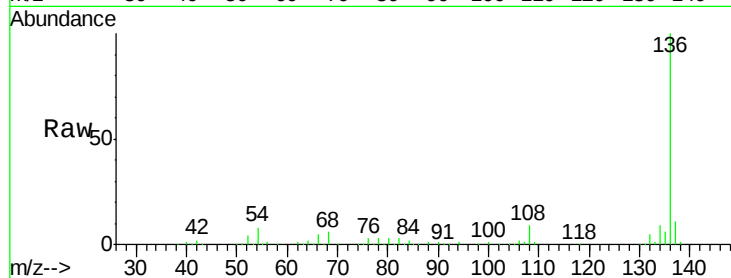




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.61 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF080151.D
Acq: 25 Jun 2015 2:37

Instrument :
BNA_F
ClientSampleId :
SB-76(11-13)MS

Tgt Ion:	136	Resp:	217101
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.0	13.6
54	7.5	8.2	12.2#
68	6.1	5.8	8.6



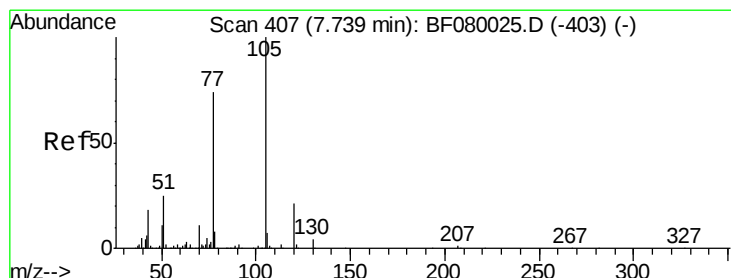
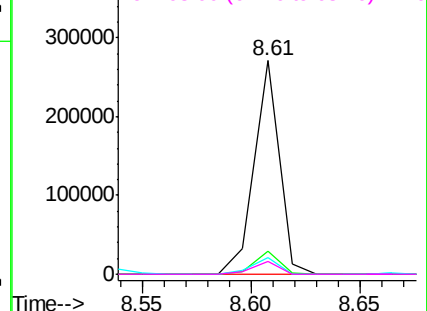
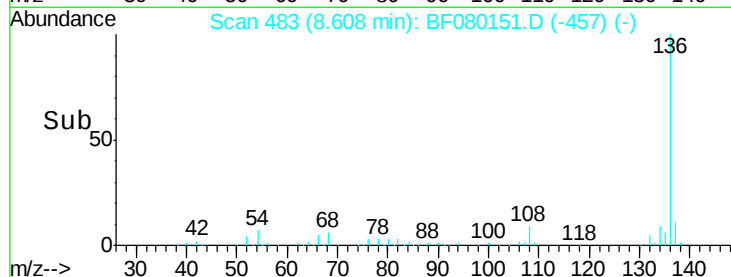
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

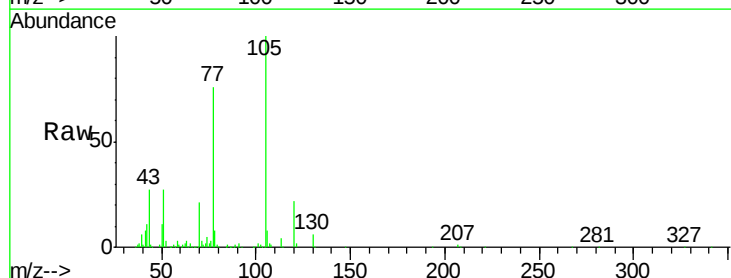
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 47.32 ng
RT: 7.72 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF080151.D
Acq: 25 Jun 2015 2:37

Tgt Ion:	105	Resp:	239395
Ion Ratio	Lower	Upper	
105	100		
71	3.4	4.7	7.1#
51	26.5	22.0	33.0
120	21.6	30.1	45.1#



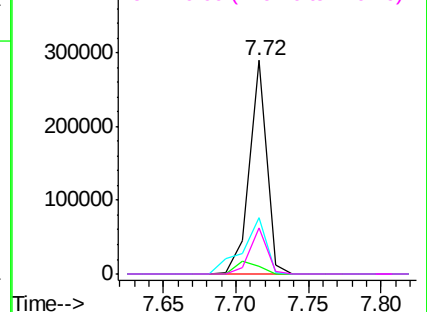
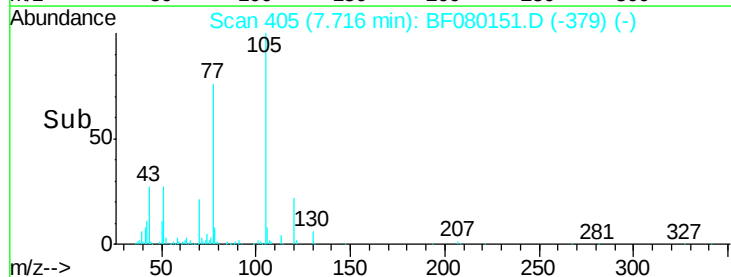
Abundance

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

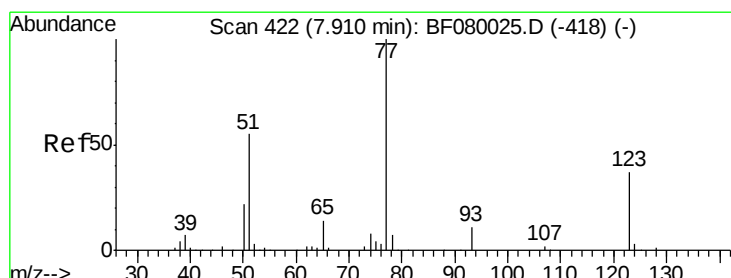
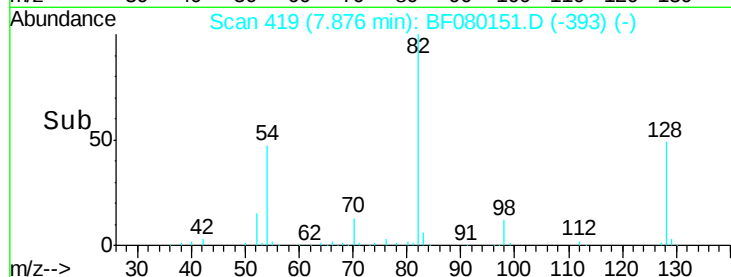
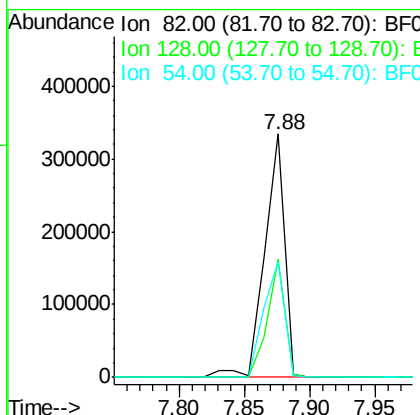
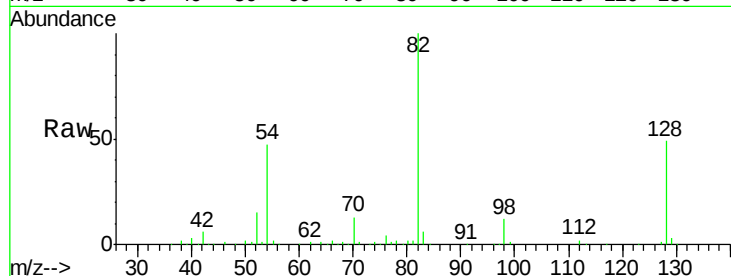




#23
 Nitrobenzene-d5
 Concen: 96.48 ng
 RT: 7.88 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

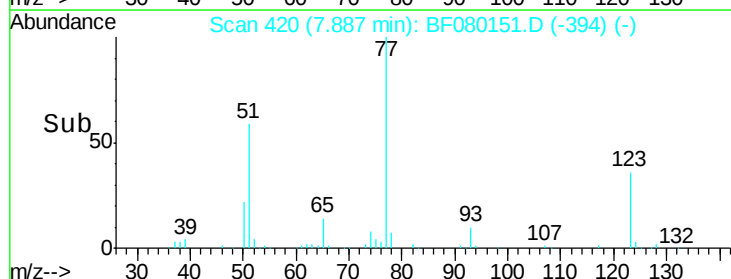
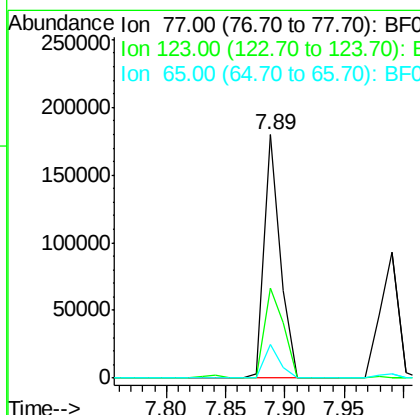
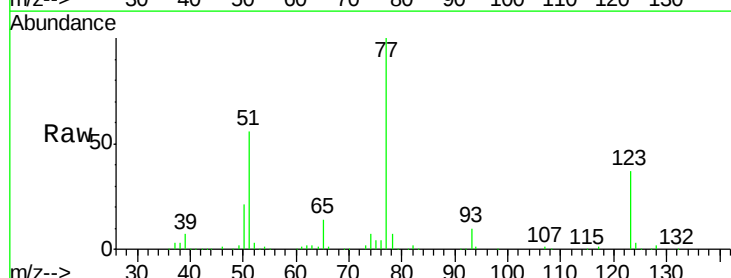
Instrument :
 BNA_F
 ClientSampleId :
 SB-76(11-13)MS

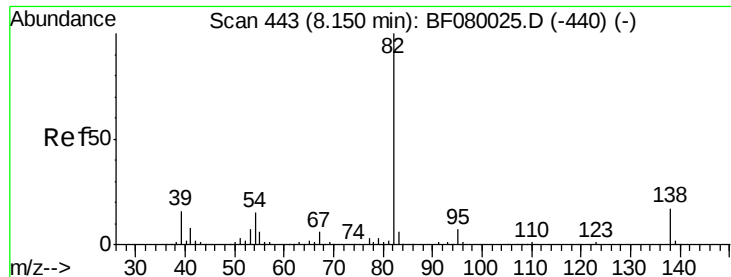
Tgt Ion: 82 Resp: 359780
 Ion Ratio Lower Upper
 82 100
 128 48.7 51.0 76.6#
 54 47.4 47.5 71.3#



#24
 Nitrobenzene
 Concen: 44.39 ng
 RT: 7.89 min Scan# 420
 Delta R.T. 0.00 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

Tgt Ion: 77 Resp: 170875
 Ion Ratio Lower Upper
 77 100
 123 36.9 59.8 89.8#
 65 13.7 10.2 15.4





#25

Isophorone

Concen: 45.02 ng

RT: 8.13 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MS

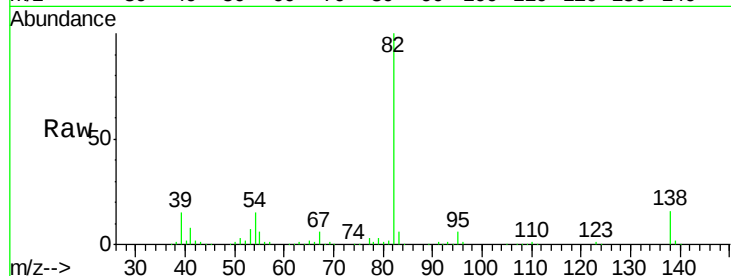
Tgt Ion: 82 Resp: 337845

Ion Ratio Lower Upper

82 100

95 6.4 4.0 6.0#

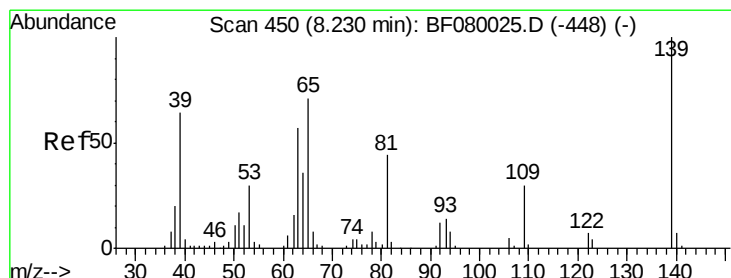
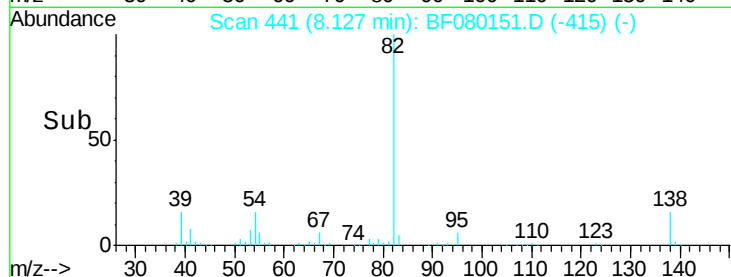
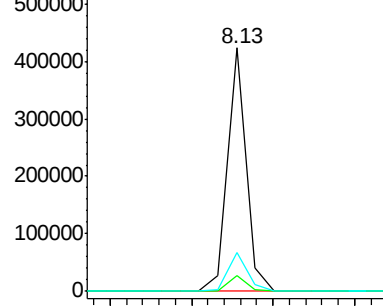
138 15.9 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 49.82 ng

RT: 8.21 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

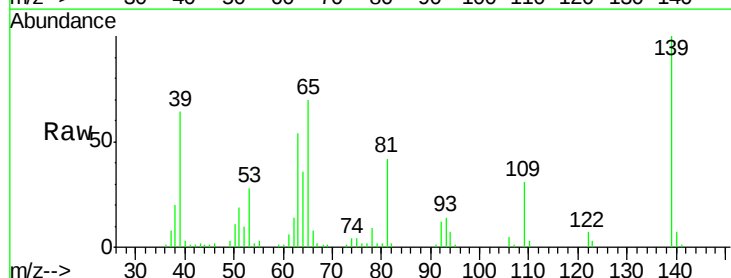
Tgt Ion: 139 Resp: 80260

Ion Ratio Lower Upper

139 100

109 31.3 11.0 16.4#

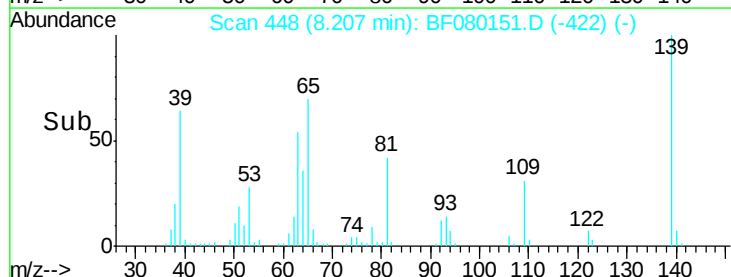
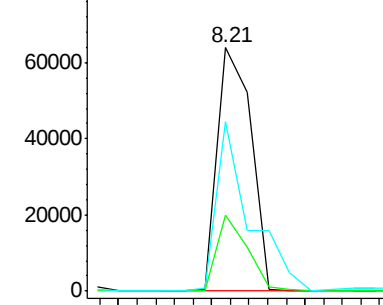
65 69.6 24.7 37.1#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 44.09 ng

RT: 8.23 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MS

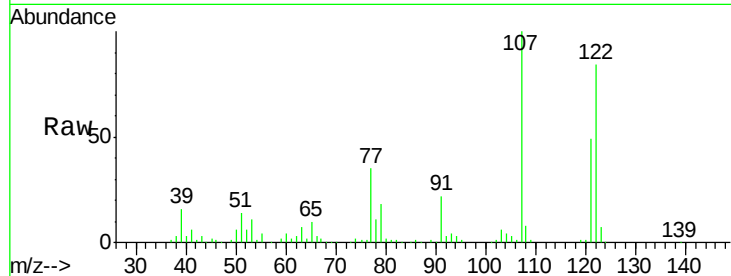
Tgt Ion:122 Resp: 148125

Ion Ratio Lower Upper

122 100

107 118.6 71.8 107.6#

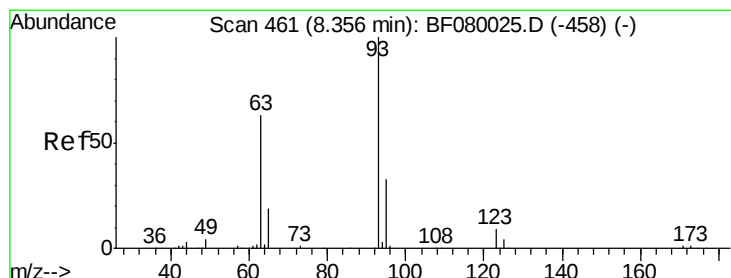
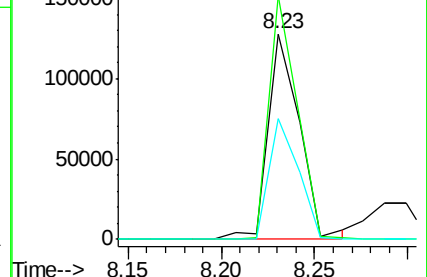
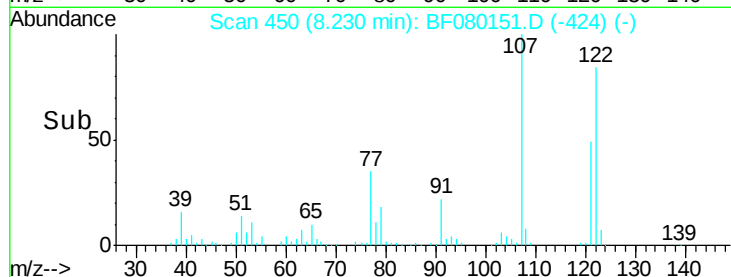
121 58.6 42.3 63.5



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: 49.34 ng

RT: 8.33 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

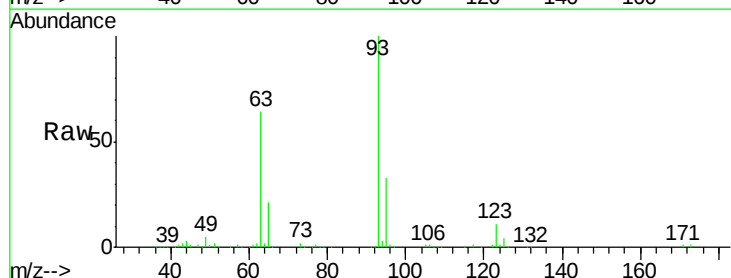
Tgt Ion: 93 Resp: 217566

Ion Ratio Lower Upper

93 100

95 32.8 27.5 41.3

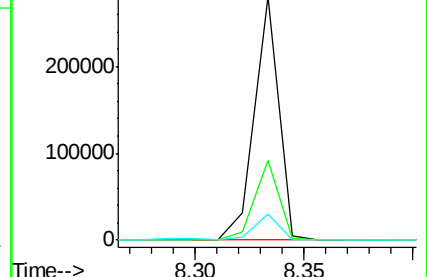
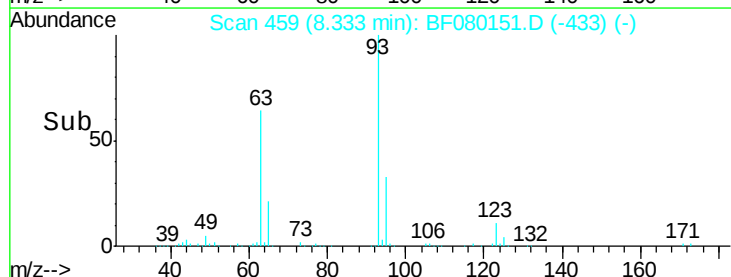
123 10.9 13.7 20.5#

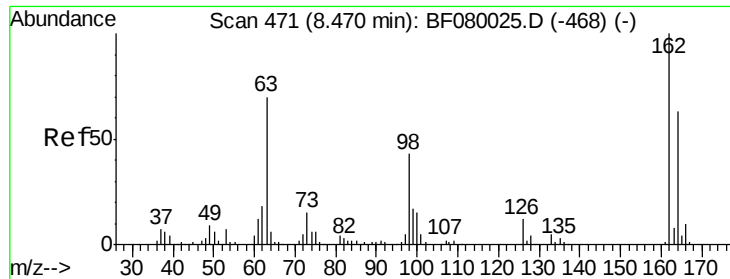


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

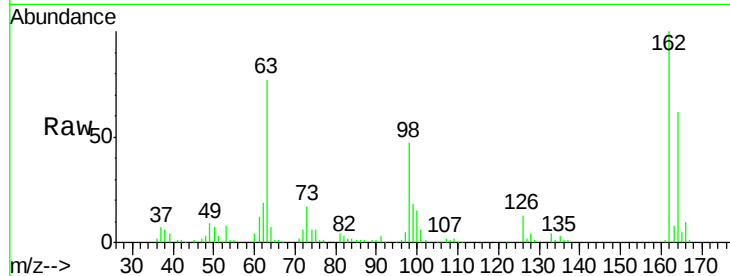




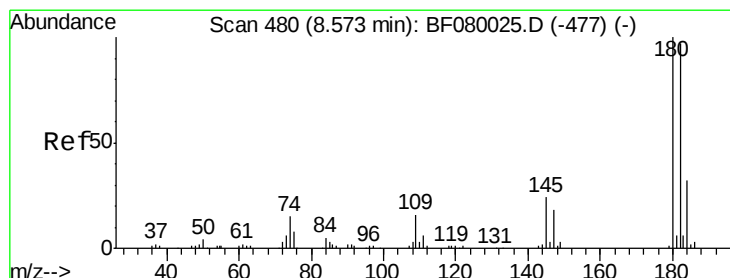
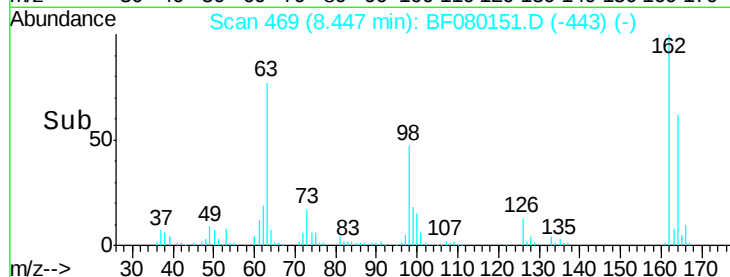
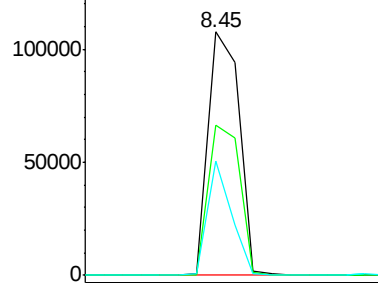
#29
 2,4-Dichlorophenol
 Concen: 48.84 ng
 RT: 8.45 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

Instrument :
 BNA_F
 ClientSampleId :
 SB-76(11-13)MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.5	44.9	84.9
98	46.7	13.0	53.0

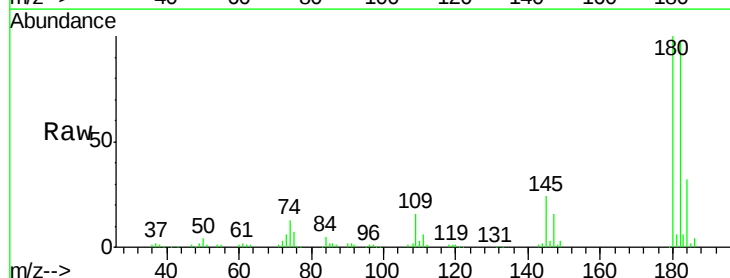


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

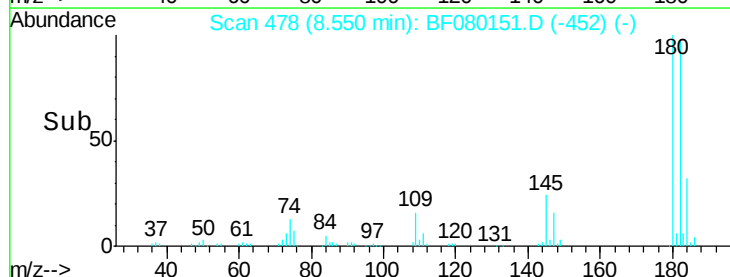
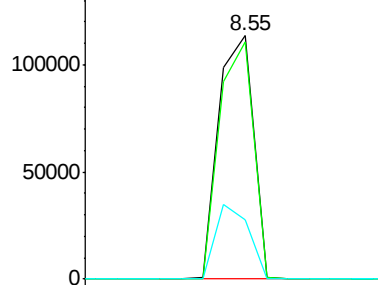


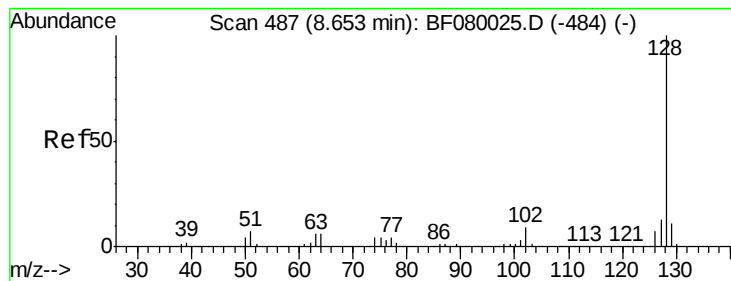
#30
 1,2,4-Trichlorobenzene
 Concen: 44.80 ng
 RT: 8.55 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	77.1	115.7
145	24.3	23.3	34.9



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





#31

Naphthalene

Concen: 45.29 ng m

RT: 8.63 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MS

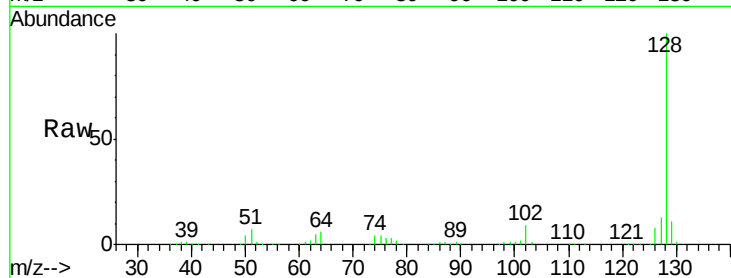
Tgt Ion:128 Resp: 514091

Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

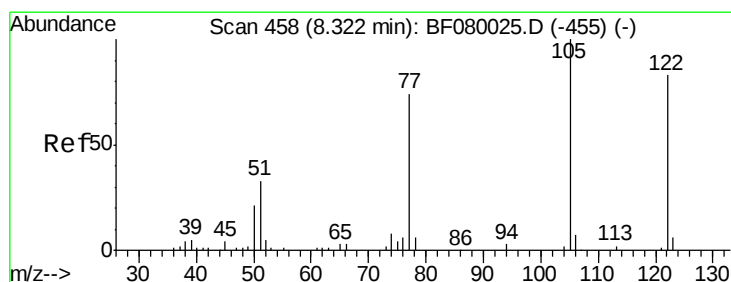
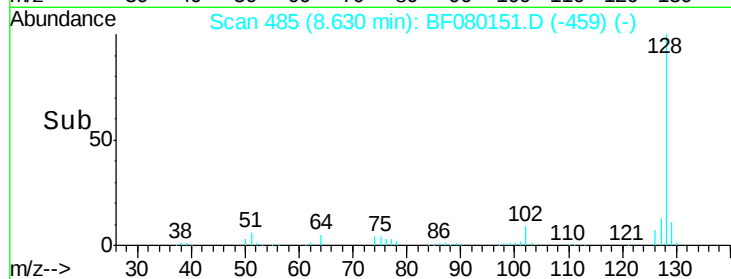
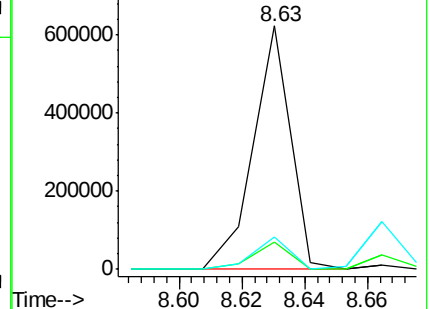
127 13.3 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 24.33 ng m

RT: 8.30 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

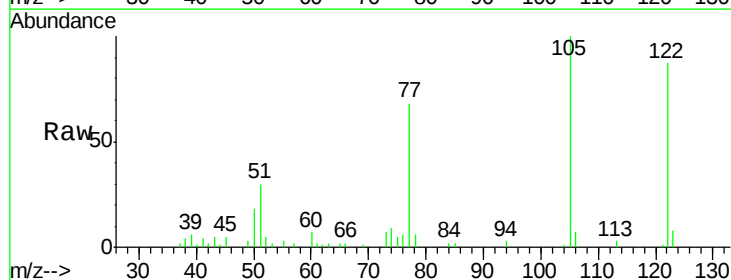
Tgt Ion:122 Resp: 49411

Ion Ratio Lower Upper

122 100

105 114.4 76.1 116.1

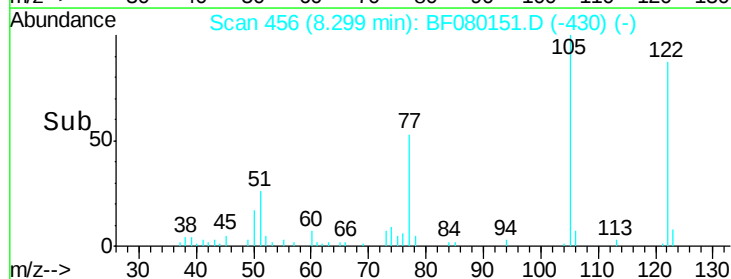
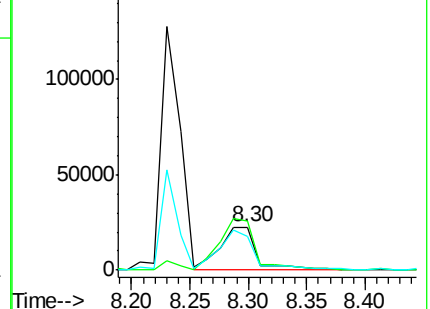
77 78.4 40.5 80.5

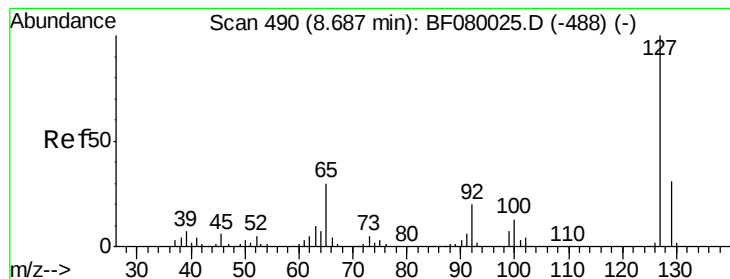


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

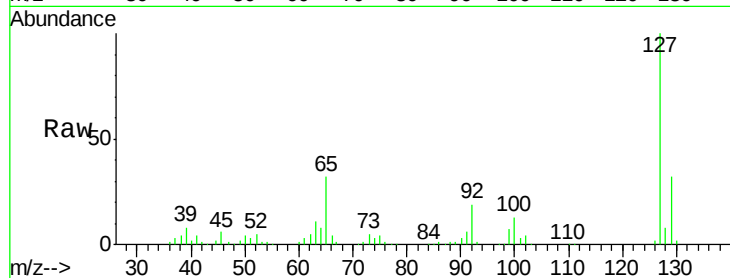




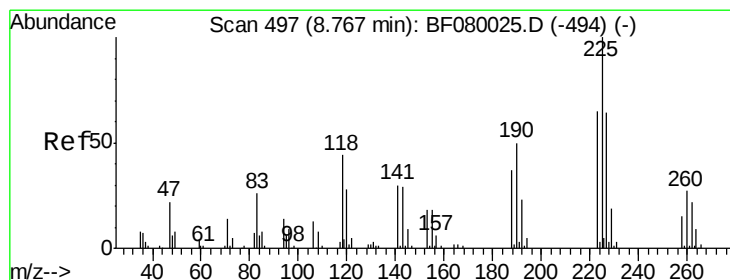
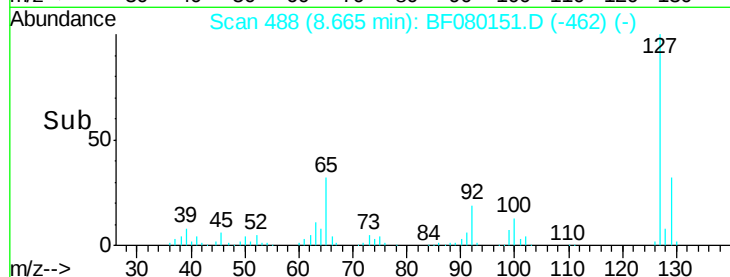
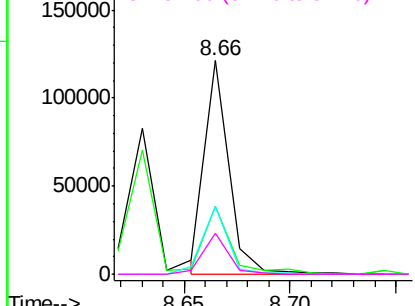
#33
4-Chloroaniline
Concen: 19.89 ng m
RT: 8.66 min Scan# 488
Delta R.T. 0.00 min
Lab File: BF080151.D
Acq: 25 Jun 2015 2:37

Instrument :
BNA_F
ClientSampleId :
SB-76(11-13)MS

Tgt Ion:127 Resp: 96599
Ion Ratio Lower Upper
127 100
129 31.7 25.8 38.6
65 32.0 17.9 26.9#
92 19.2 10.5 15.7#

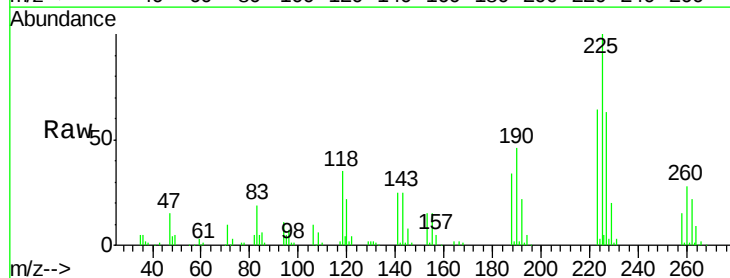


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

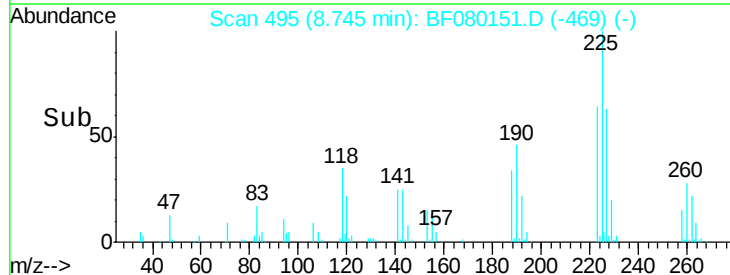
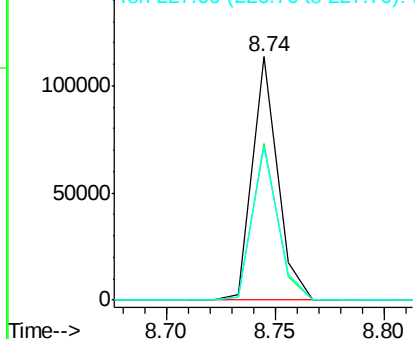


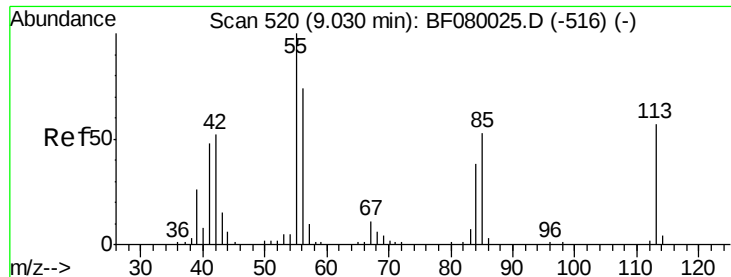
#34
Hexachlorobutadiene
Concen: 45.55 ng
RT: 8.74 min Scan# 495
Delta R.T. 0.00 min
Lab File: BF080151.D
Acq: 25 Jun 2015 2:37

Tgt Ion:225 Resp: 91639
Ion Ratio Lower Upper
225 100
223 64.5 50.2 75.2
227 63.4 52.2 78.2



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

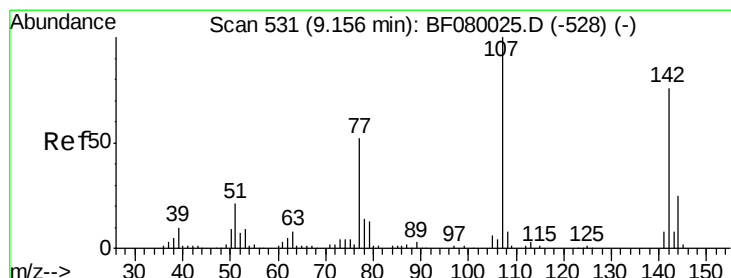
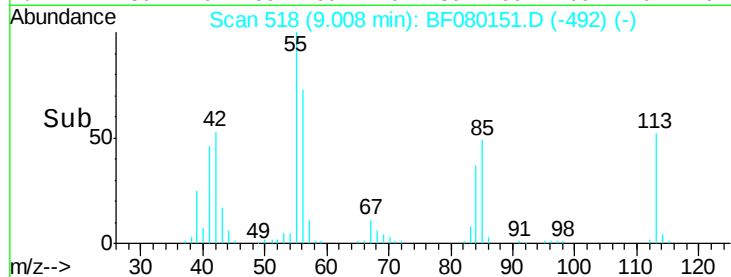
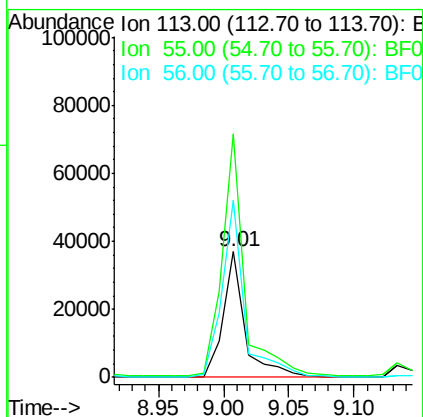
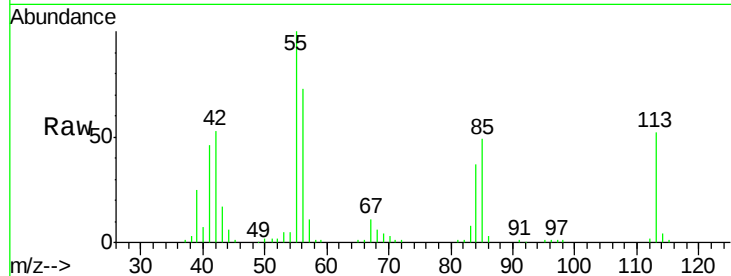




#35
 Caprolactam
 Concen: 46.02 ng
 RT: 9.01 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

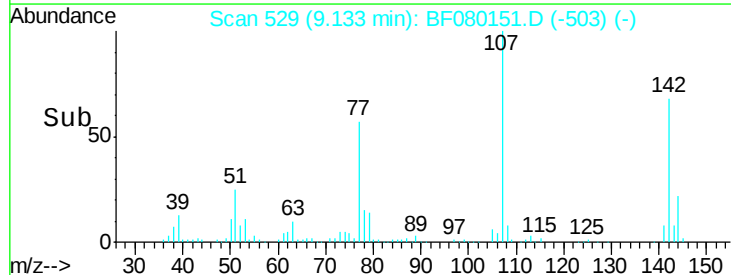
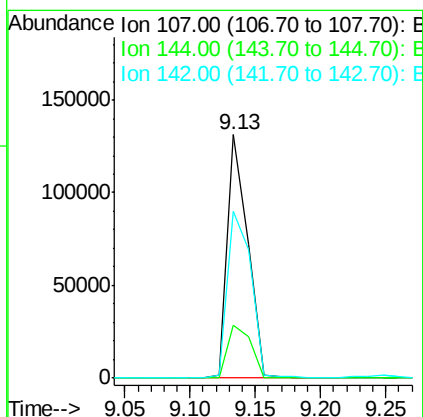
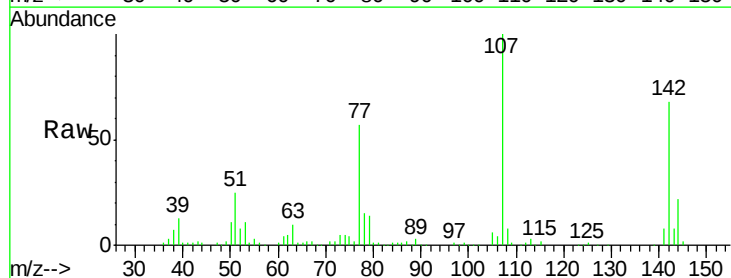
Instrument :
 BNA_F
 ClientSampleId :
 SB-76(11-13)MS

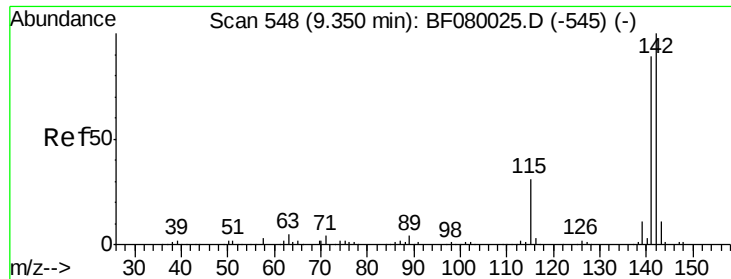
Tgt Ion:113 Resp: 42978
 Ion Ratio Lower Upper
 113 100
 55 193.9 152.4 192.4#
 56 141.5 104.6 144.6



#36
 4-Chloro-3-methylphenol
 Concen: 43.85 ng
 RT: 9.13 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

Tgt Ion:107 Resp: 142291
 Ion Ratio Lower Upper
 107 100
 144 21.5 25.4 38.0#
 142 68.5 77.3 115.9#

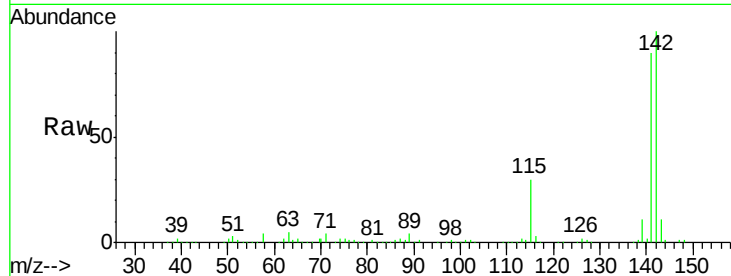




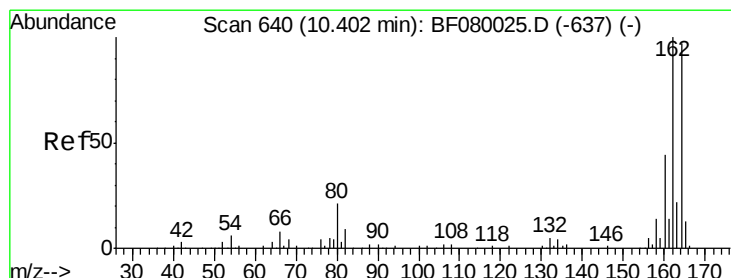
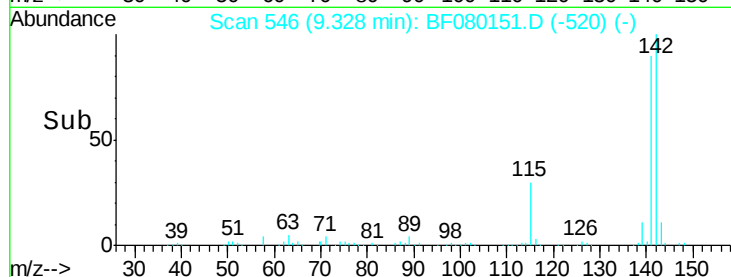
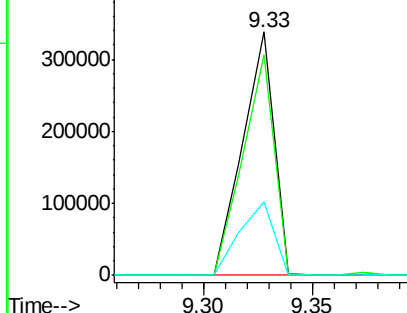
#37
 2-Methylnaphthalene
 Concen: 46.36 ng
 RT: 9.33 min Scan# 546
 Delta R.T. 0.00 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

Instrument :
 BNA_F
 ClientSampleId :
 SB-76(11-13)MS

Tgt Ion:142 Resp: 340418
 Ion Ratio Lower Upper
 142 100
 141 90.3 67.5 101.3
 115 30.3 18.2 27.2#

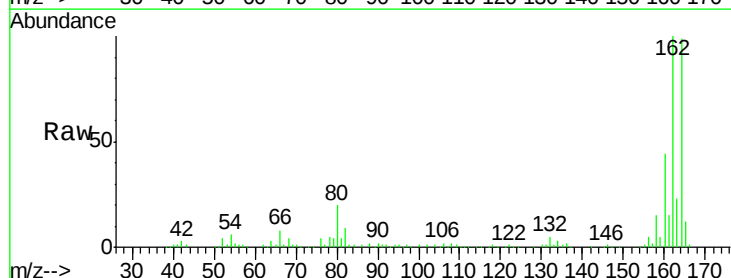


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

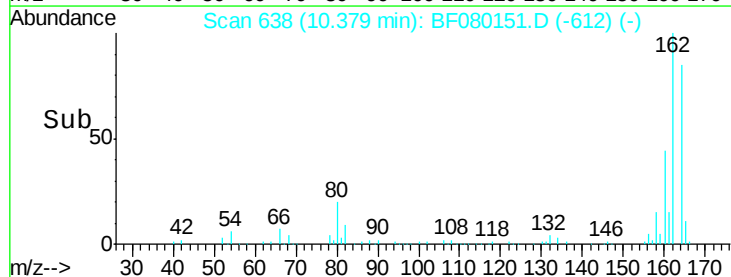
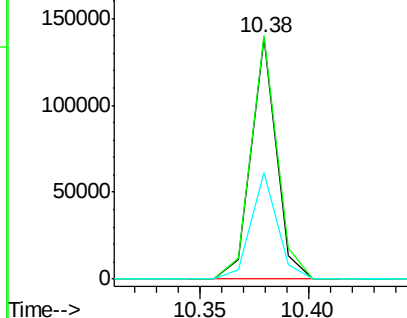


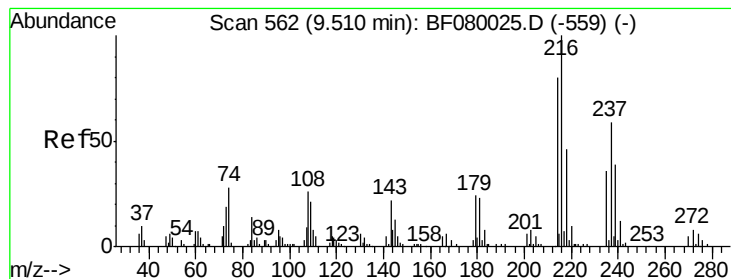
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.38 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

Tgt Ion:164 Resp: 112345
 Ion Ratio Lower Upper
 164 100
 162 100.9 75.2 112.8
 160 44.0 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: 44.15 ng

RT: 9.50 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MS

Tgt Ion:216 Resp: 144352

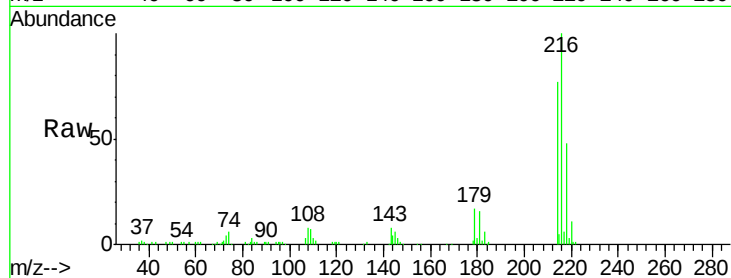
Ion Ratio Lower Upper

216 100

214 79.1 63.5 95.3

179 20.9 16.6 24.8

108 18.7 16.3 24.5

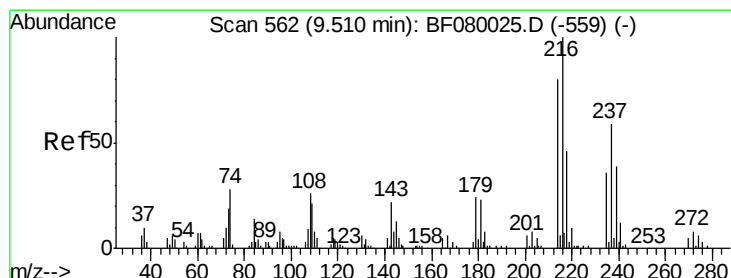
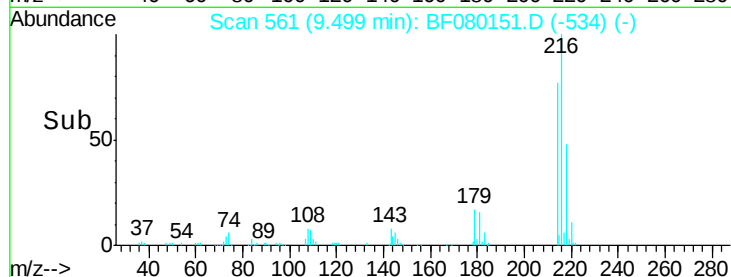
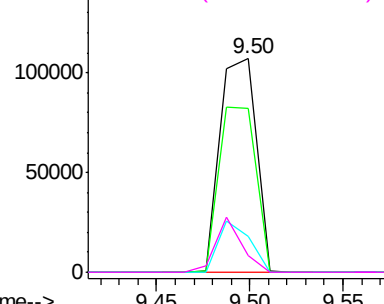


Abundance Ion 216.00 (215.70 to 216.70): E

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: 48.62 ng

RT: 9.49 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

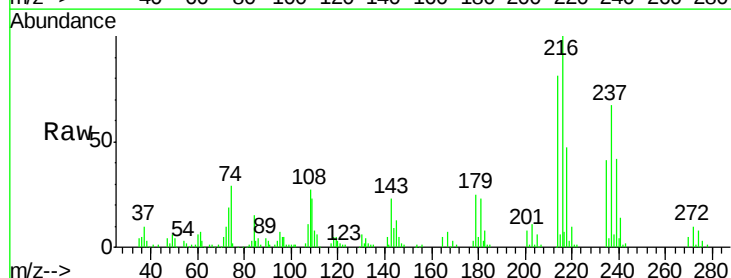
Tgt Ion:237 Resp: 77314

Ion Ratio Lower Upper

237 100

235 60.2 42.0 82.0

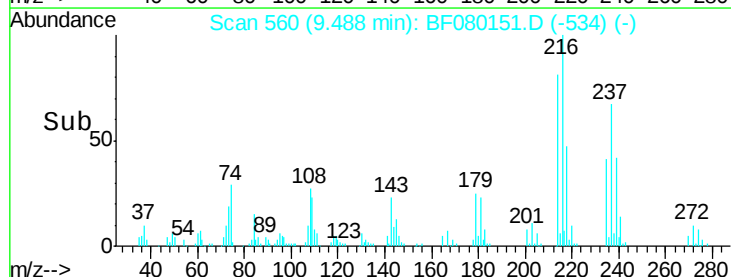
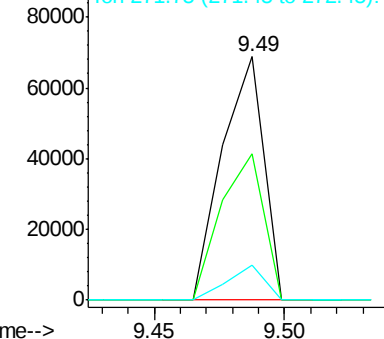
272 14.3 0.0 36.1



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

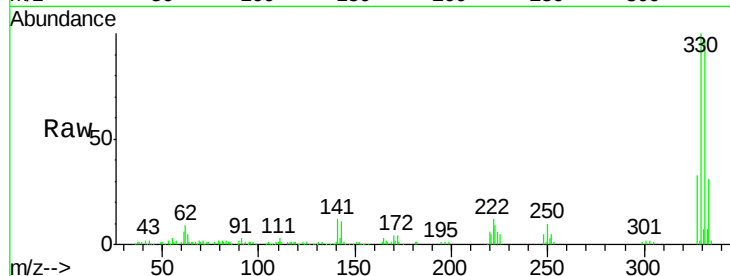




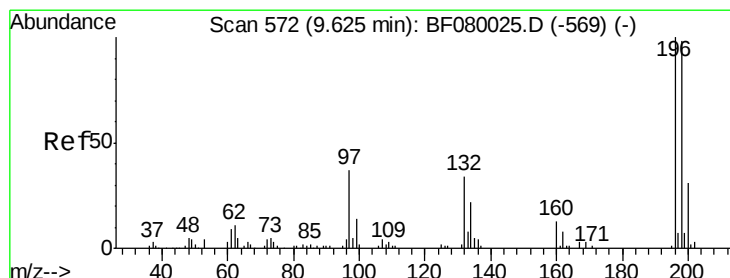
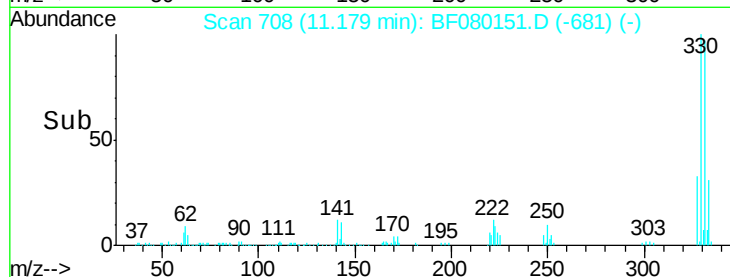
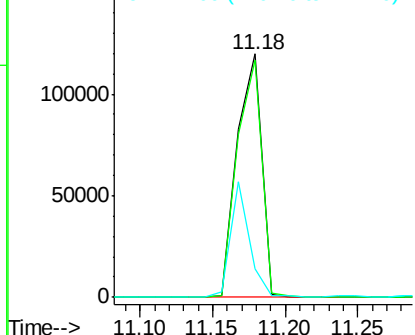
#41
 2,4,6-Tribromophenol
 Concen: 128.61 ng
 RT: 11.18 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

Instrument :
 BNA_F
 ClientSampleId :
 SB-76(11-13)MS

Tgt Ion:330 Resp: 141284
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 35.7 29.7 44.5

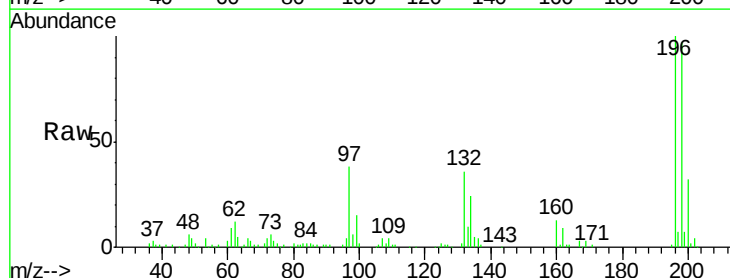


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

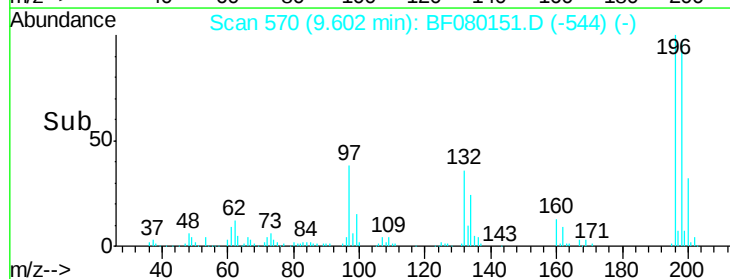
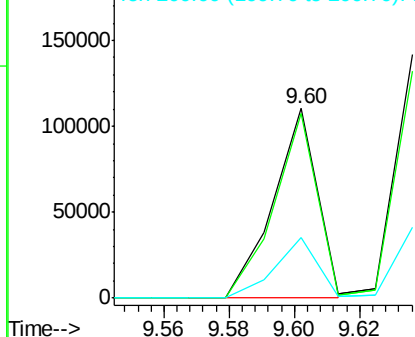


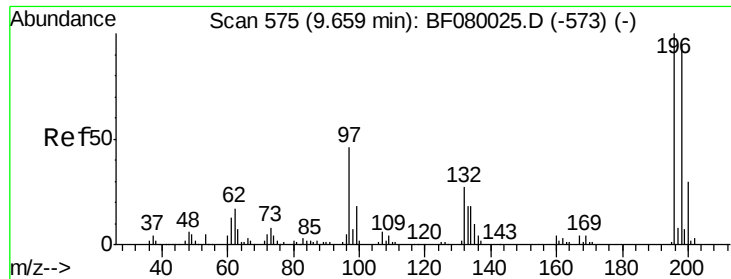
#42
 2,4,6-Trichlorophenol
 Concen: 46.58 ng
 RT: 9.60 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

Tgt Ion:196 Resp: 103625
 Ion Ratio Lower Upper
 196 100
 198 97.3 75.7 113.5
 200 31.9 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

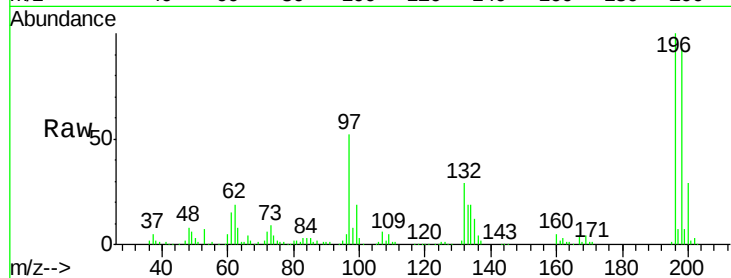




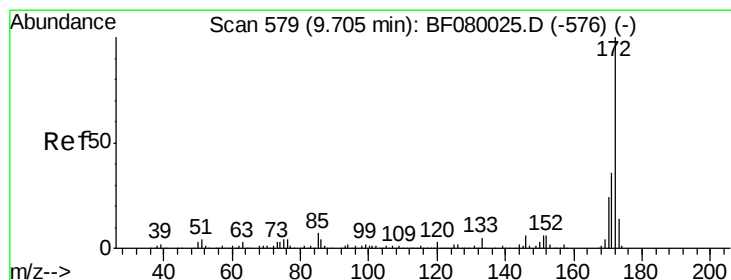
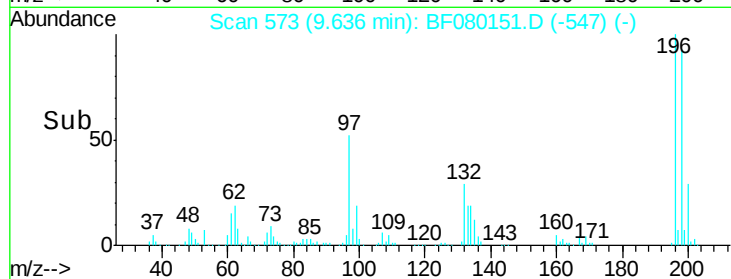
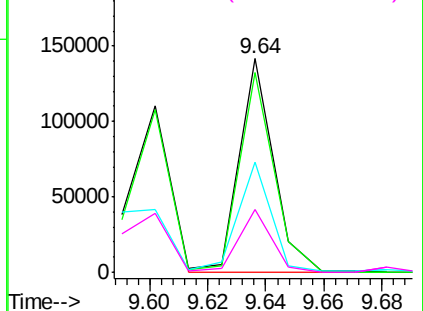
#43
 2,4,5-Trichlorophenol
 Concen: 45.03 ng m
 RT: 9.64 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

Instrument :
 BNA_F
 ClientSampleId :
 SB-76(11-13)MS

Tgt Ion:196 Resp: 115414
 Ion Ratio Lower Upper
 196 100
 198 93.5 75.4 113.0
 97 51.7 33.3 49.9#
 132 29.1 24.6 37.0

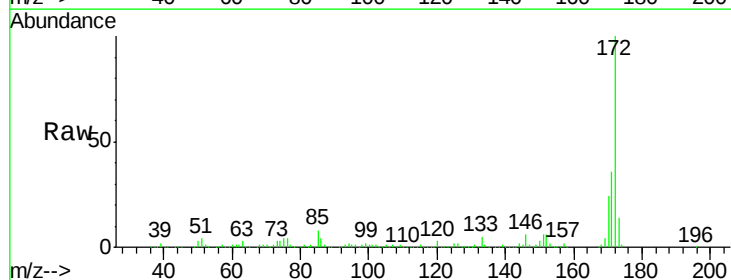


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

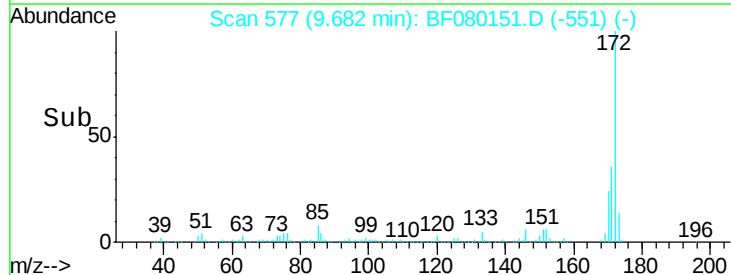
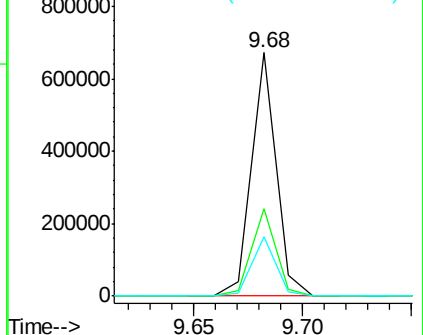


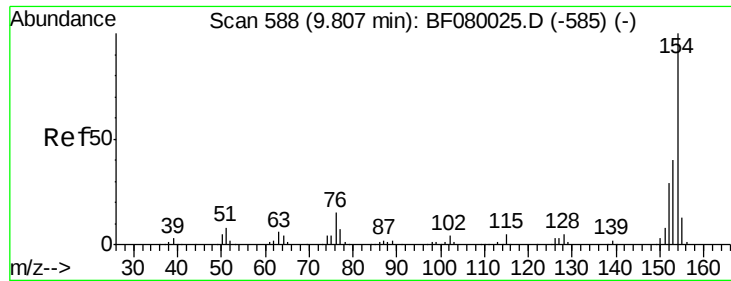
#44
 2-Fluorobiphenyl
 Concen: 66.87 ng
 RT: 9.68 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

Tgt Ion:172 Resp: 526789
 Ion Ratio Lower Upper
 172 100
 171 35.8 26.1 39.1
 170 24.1 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

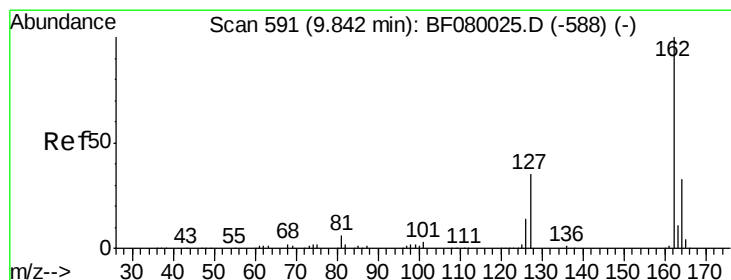
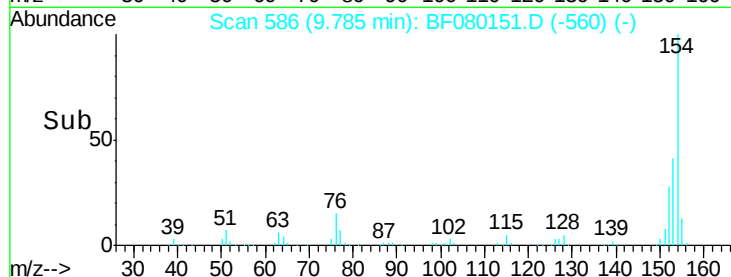
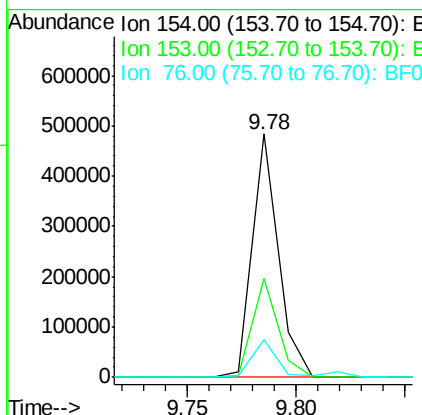
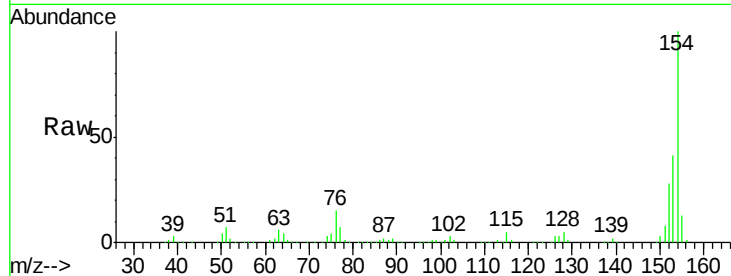




#45
 1,1'-Biphenyl
 Concen: 43.88 ng
 RT: 9.78 min Scan# 586
 Delta R.T. 0.00 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

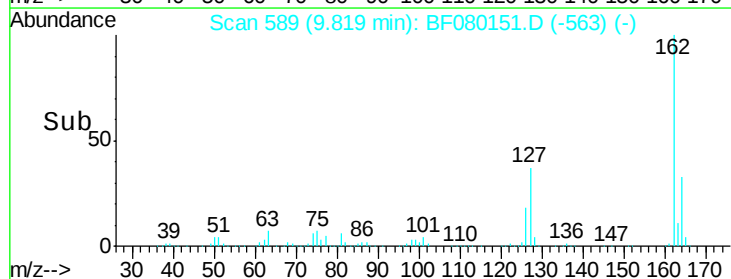
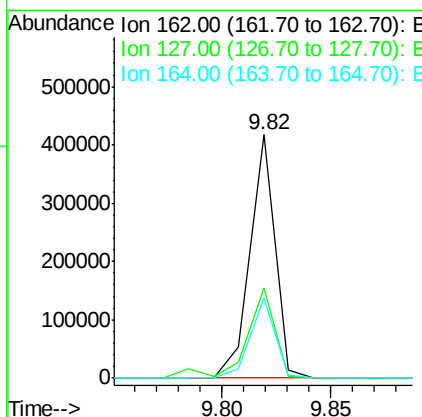
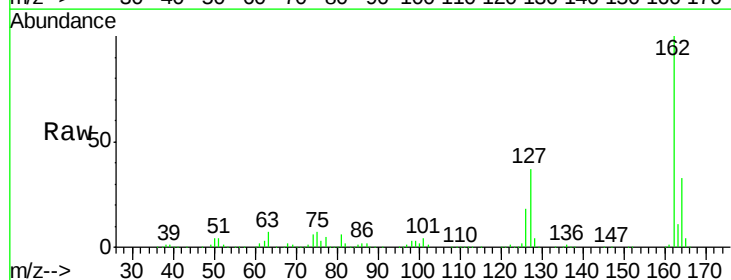
Instrument :
 BNA_F
 ClientSampleId :
 SB-76(11-13)MS

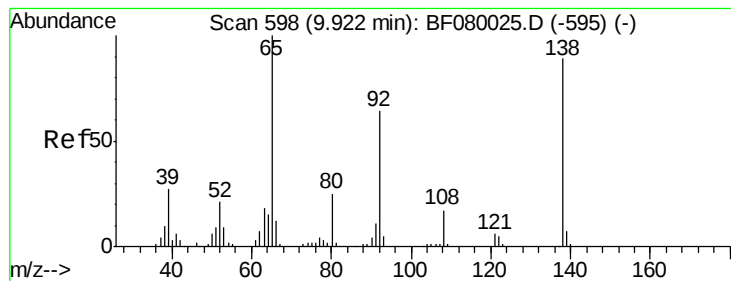
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	17.1	57.1
76	15.4	0.0	31.6



#46
 2-Chloronaphthalene
 Concen: 44.76 ng
 RT: 9.82 min Scan# 589
 Delta R.T. 0.00 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.1	27.6	41.4
164	32.9	25.4	38.2





#47

2-Nitroaniline

Concen: 47.73 ng

RT: 9.90 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MS

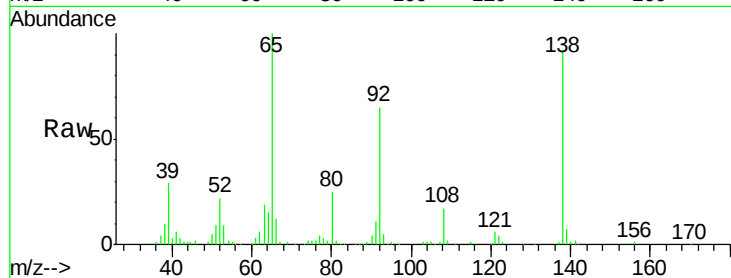
Tgt Ion: 65 Resp: 97164

Ion Ratio Lower Upper

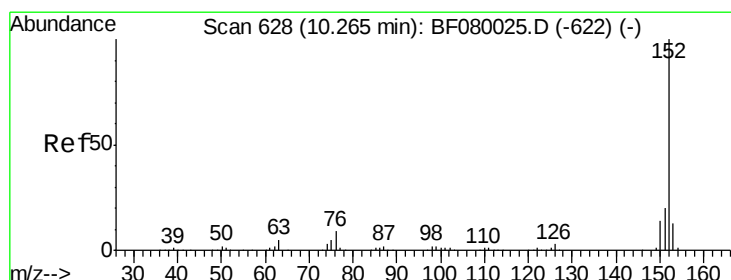
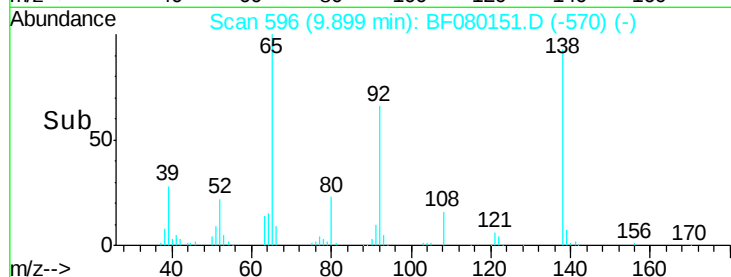
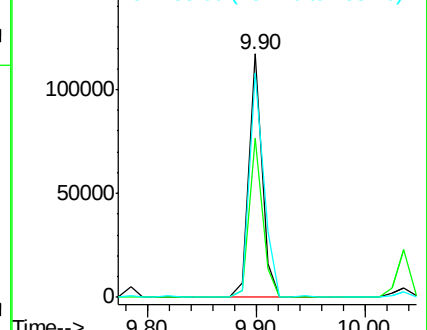
65 100

92 65.2 55.4 83.0

138 92.0 115.5 173.3#



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



#48

Acenaphthylene

Concen: 46.60 ng

RT: 10.24 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

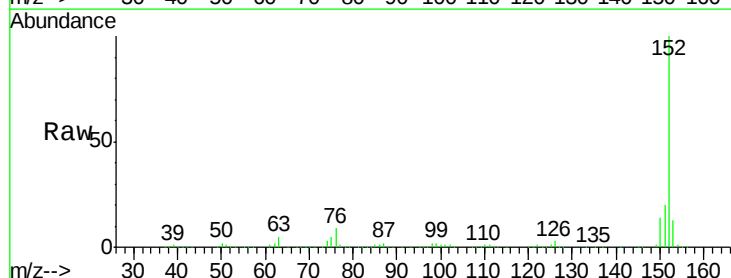
Tgt Ion: 152 Resp: 576801

Ion Ratio Lower Upper

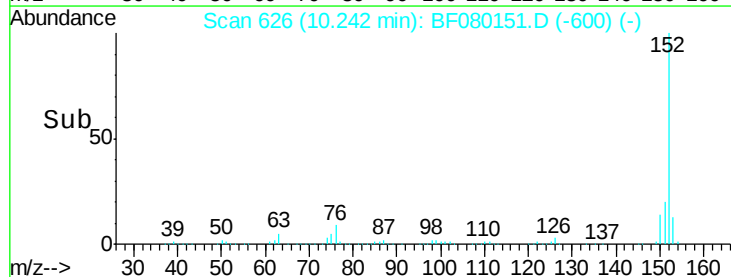
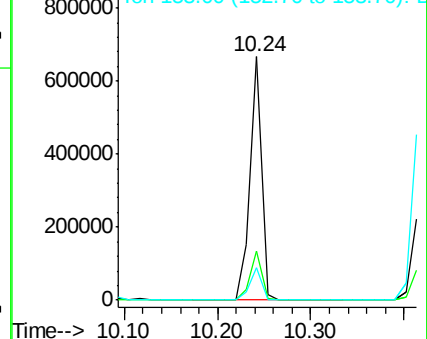
152 100

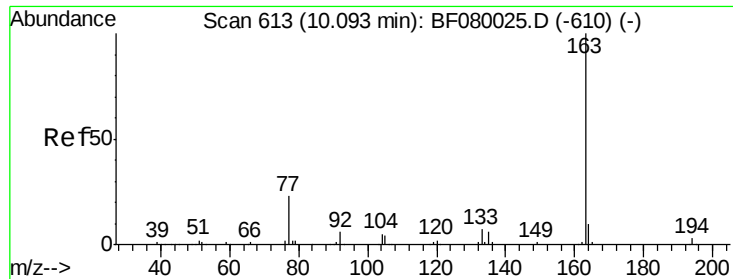
151 20.2 14.6 22.0

153 13.1 10.3 15.5



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

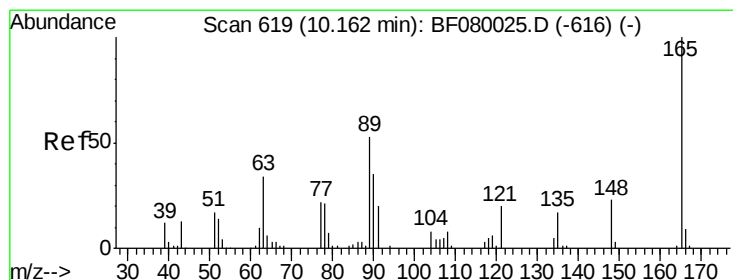
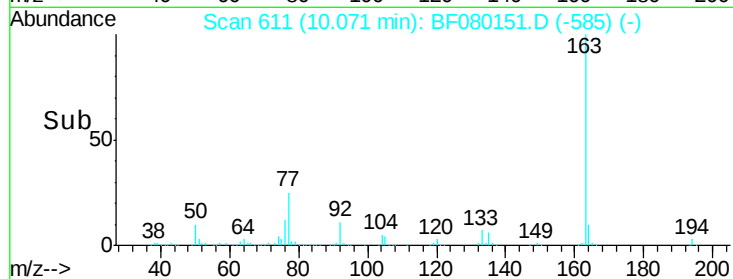
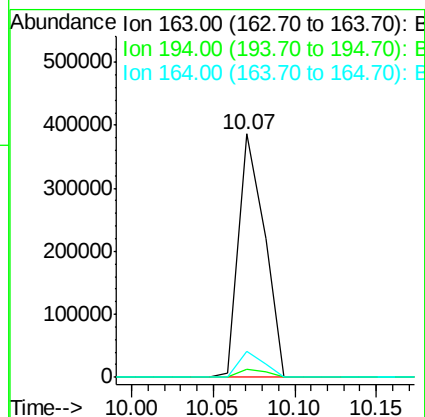
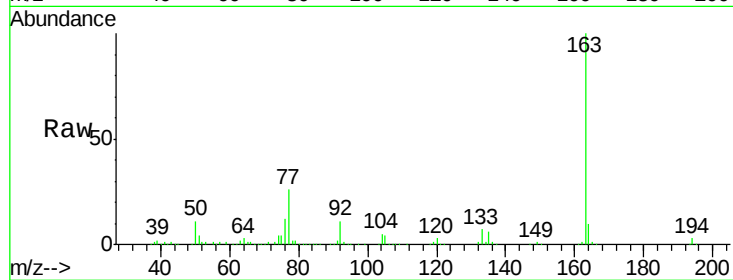




#49
Dimethylphthalate
Concen: 49.83 ng
RT: 10.07 min Scan# 611
Delta R.T. 0.00 min
Lab File: BF080151.D
Acq: 25 Jun 2015 2:37

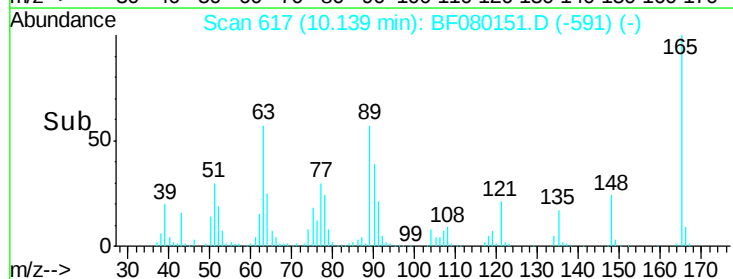
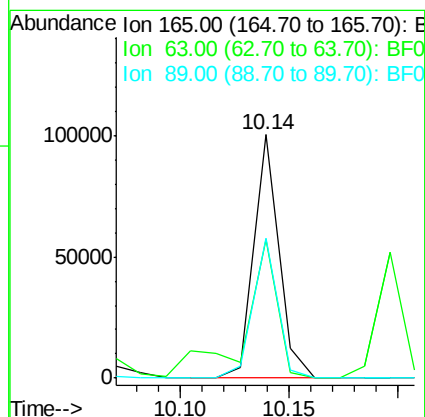
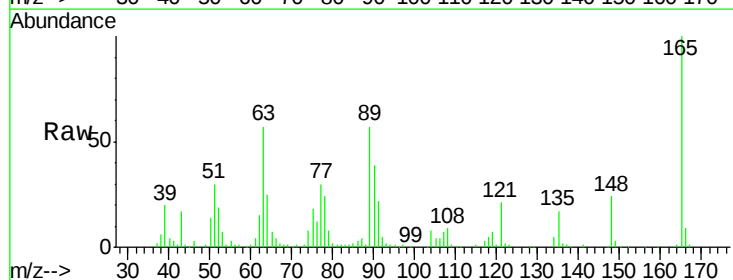
Instrument :
BNA_F
ClientSampleId :
SB-76(11-13)MS

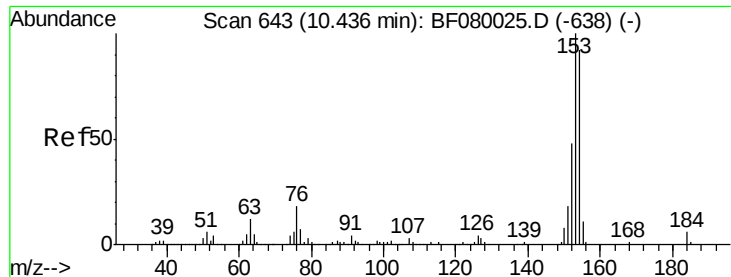
Tgt Ion:163 Resp: 420837
Ion Ratio Lower Upper
163 100
194 3.2 4.4 6.6#
164 10.5 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 47.71 ng
RT: 10.14 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF080151.D
Acq: 25 Jun 2015 2:37

Tgt Ion:165 Resp: 80780
Ion Ratio Lower Upper
165 100
63 56.7 32.3 48.5#
89 57.3 28.6 43.0#





#51

Acenaphthene

Concen: 43.80 ng

RT: 10.41 min Scan# 641

Delta R.T. 0.00 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MS

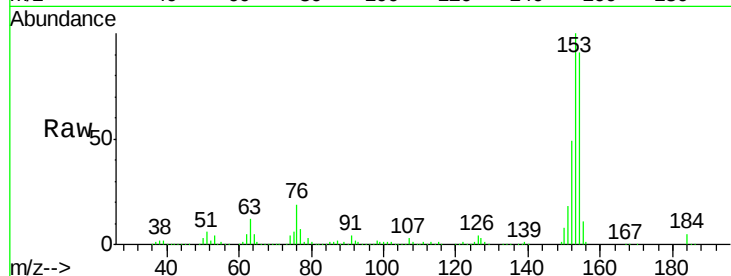
Tgt Ion:154 Resp: 331673

Ion Ratio Lower Upper

154 100

153 110.1 82.1 123.1

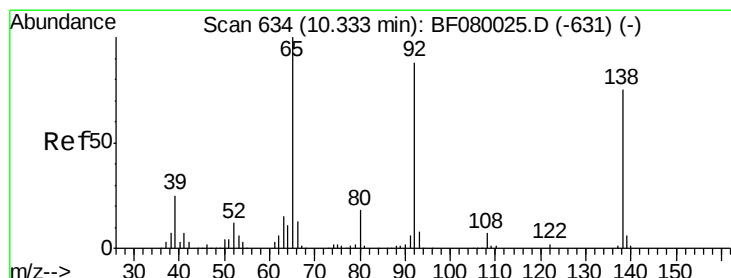
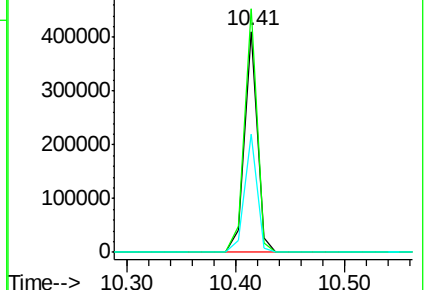
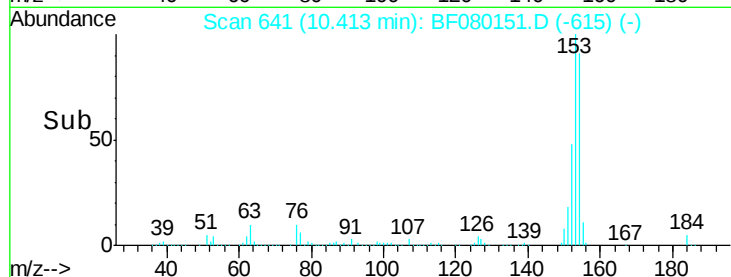
152 53.6 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.67 ng

RT: 10.31 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

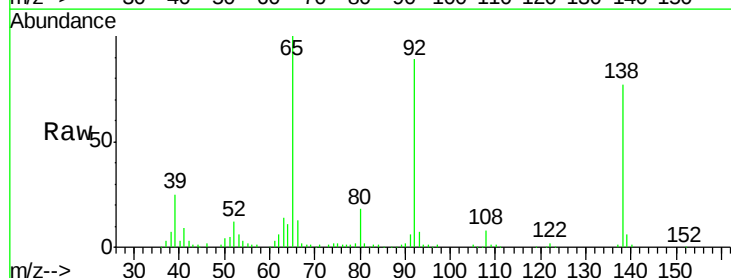
Tgt Ion:138 Resp: 63823

Ion Ratio Lower Upper

138 100

108 9.9 5.7 8.5#

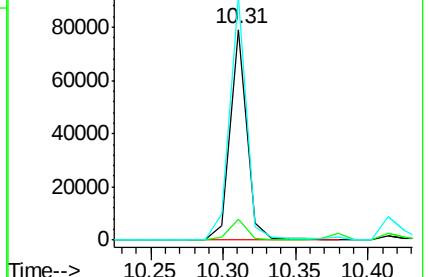
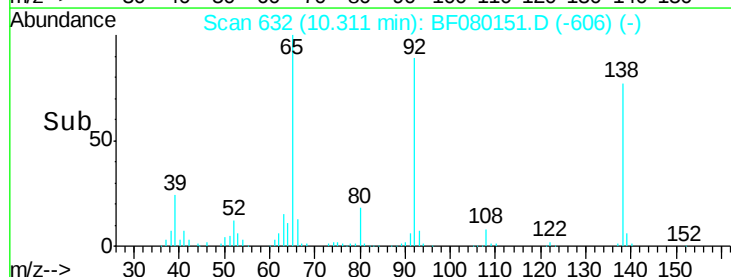
92 115.7 67.7 101.5#

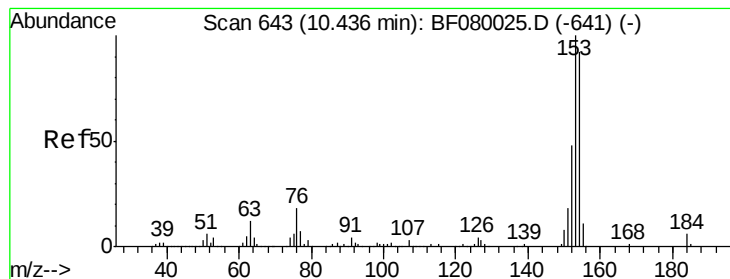


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 50.47 ng

RT: 10.41 min Scan# 641

Delta R.T. 0.00 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MS

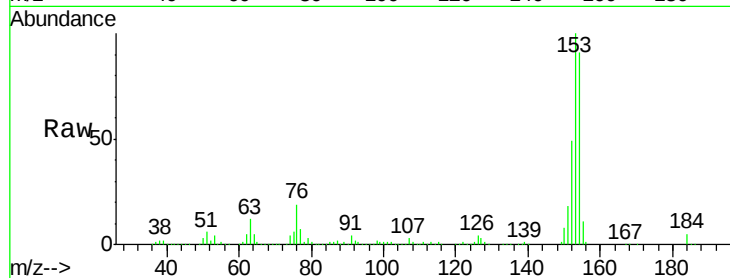
Tgt Ion:184 Resp: 33184

Ion Ratio Lower Upper

184 100

63 238.5 35.4 53.2#

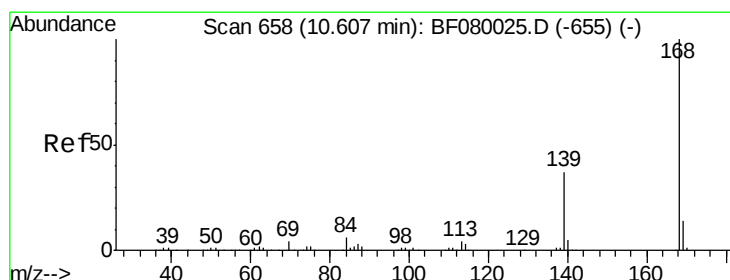
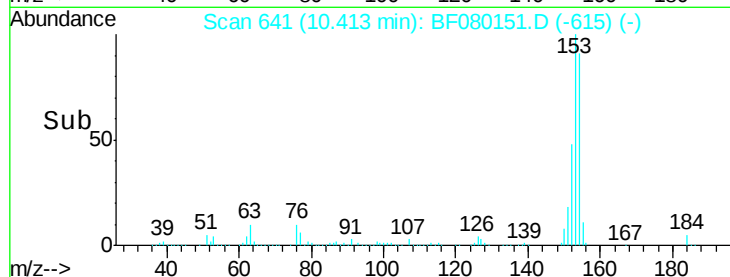
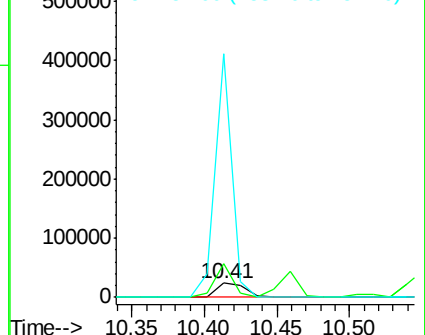
154 1751.2 32.2 48.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 44.33 ng

RT: 10.58 min Scan# 656

Delta R.T. 0.00 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

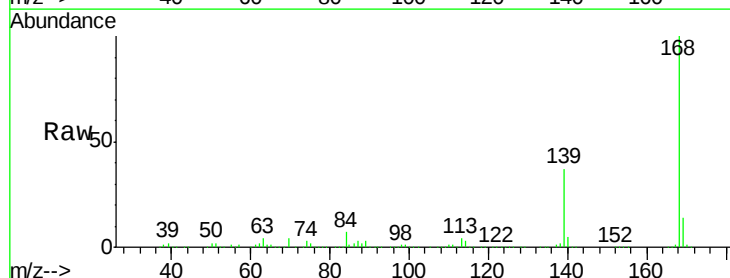
Tgt Ion:168 Resp: 476336

Ion Ratio Lower Upper

168 100

139 36.8 24.2 36.2#

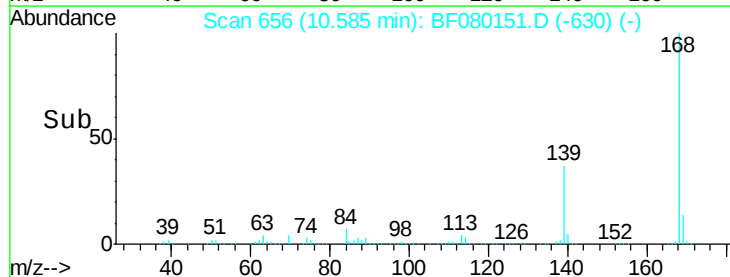
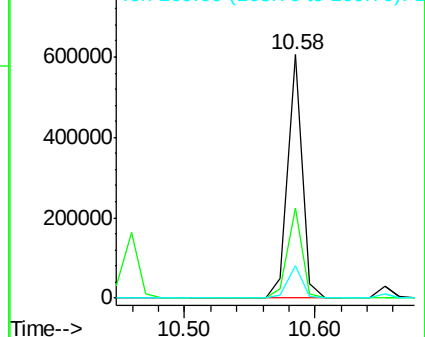
169 13.6 10.6 15.8

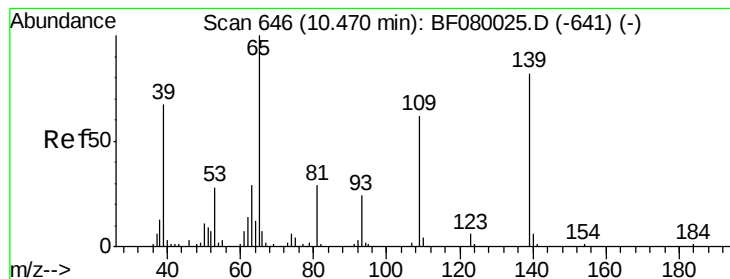


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 92.79 ng

RT: 10.46 min Scan# 645

Delta R.T. 0.01 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MS

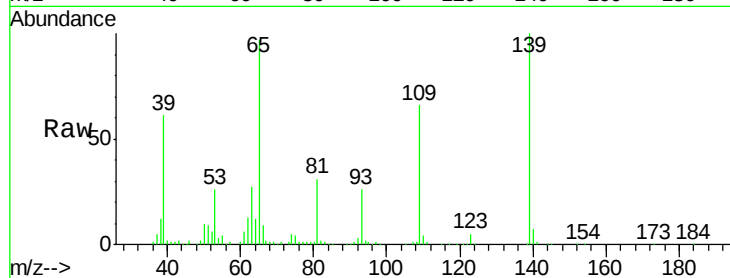
Tgt Ion:139 Resp: 144899

Ion Ratio Lower Upper

139 100

109 65.5 12.7 52.7#

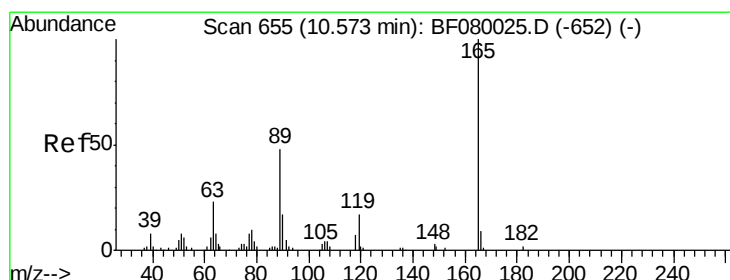
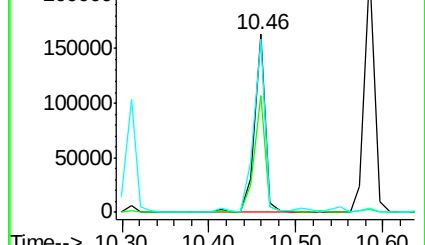
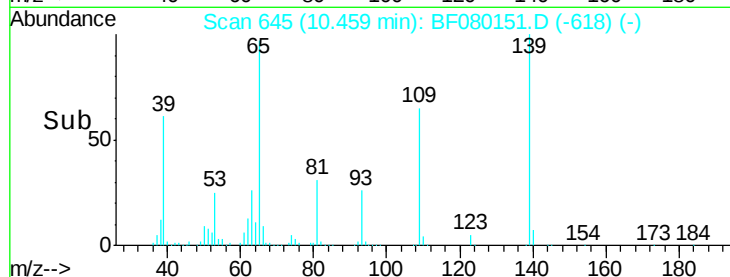
65 96.9 45.9 85.9#



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: 55.00 ng

RT: 10.55 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

Tgt Ion:165 Resp: 118184

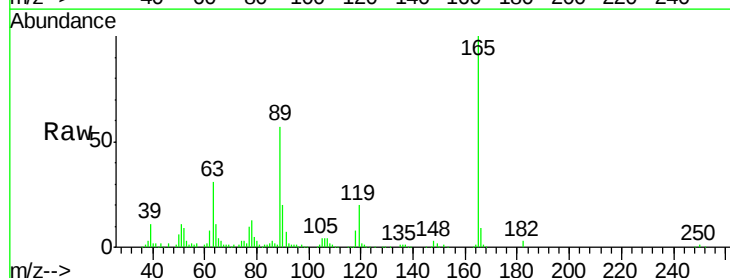
Ion Ratio Lower Upper

165 100

63 30.9 29.8 44.6

89 57.3 44.5 66.7

182 2.6 3.0 4.4#

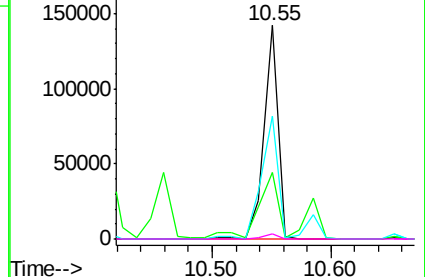
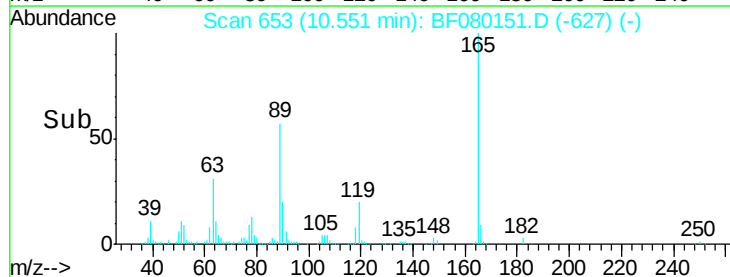


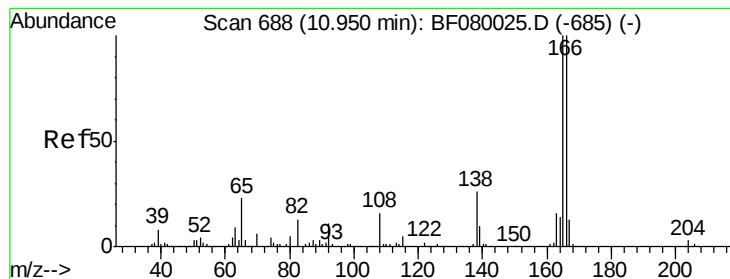
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.28 ng

RT: 10.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MS

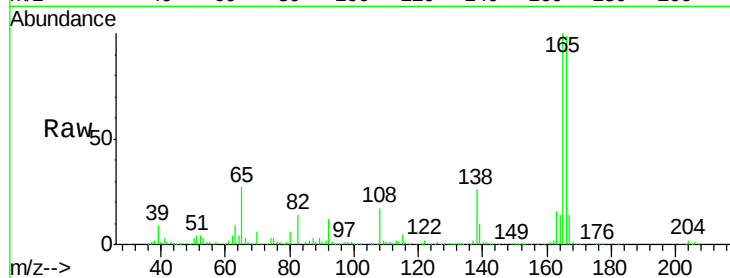
Tgt Ion:166 Resp: 360520

Ion Ratio Lower Upper

166 100

165 100.8 72.6 109.0

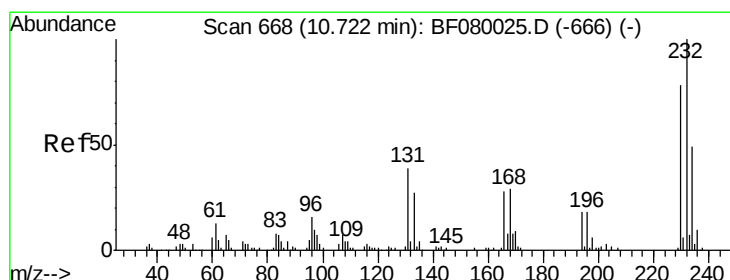
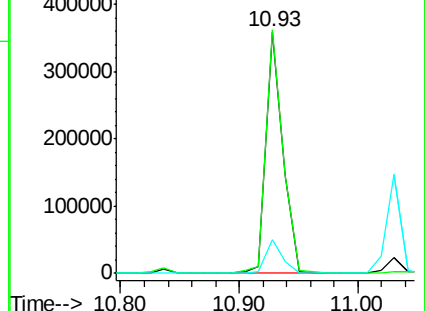
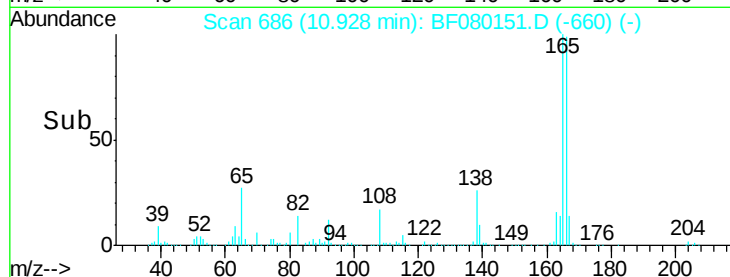
167 14.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.34 ng

RT: 10.70 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

Tgt Ion:232 Resp: 100263

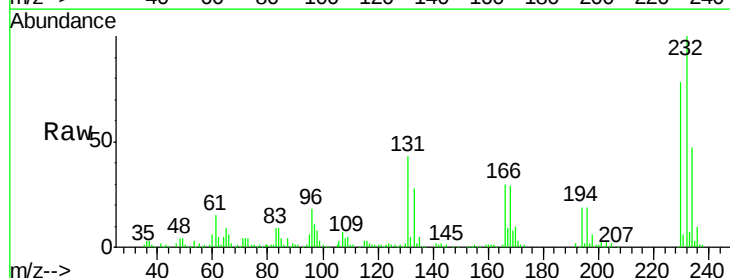
Ion Ratio Lower Upper

232 100

131 44.0 38.5 57.7

130 2.5 1.8 2.6

166 30.5 25.0 37.6

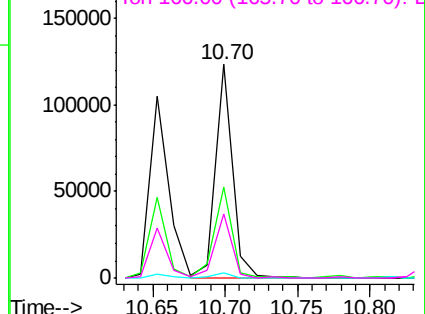
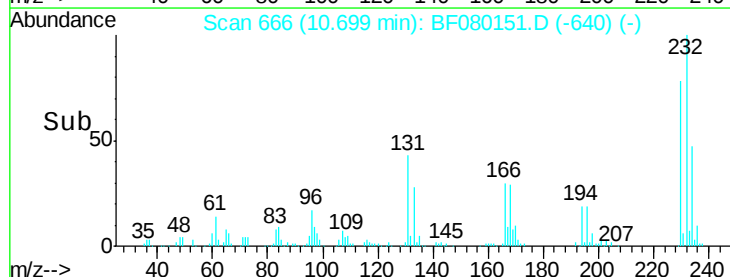


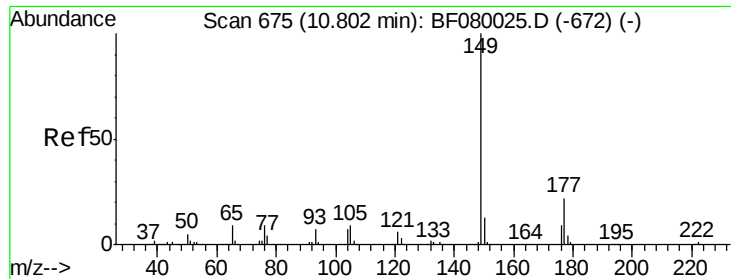
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

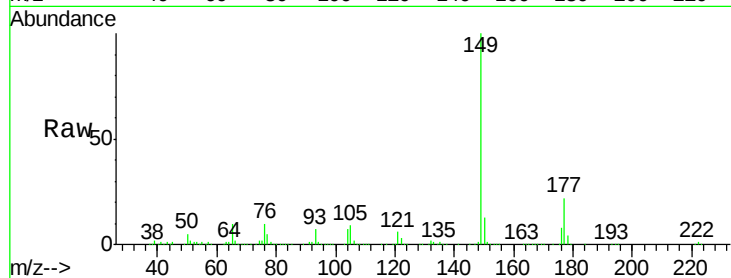




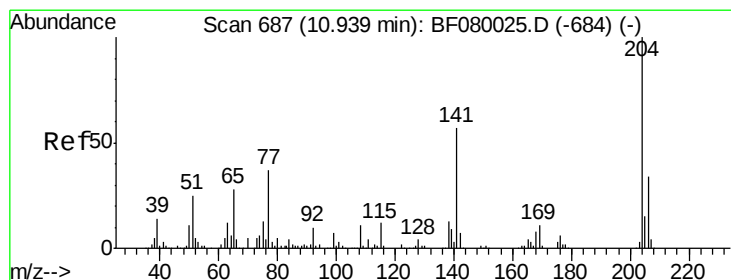
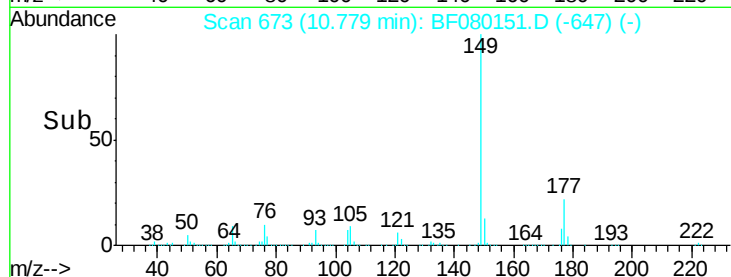
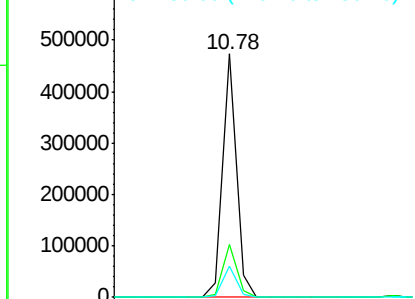
#59
Diethylphthalate
Concen: 44.04 ng
RT: 10.78 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF080151.D
Acq: 25 Jun 2015 2:37

Instrument :
BNA_F
ClientSampleId :
SB-76(11-13)MS

Tgt Ion:149 Resp: 374515
Ion Ratio Lower Upper
149 100
177 21.9 17.5 26.3
150 13.0 9.4 14.2

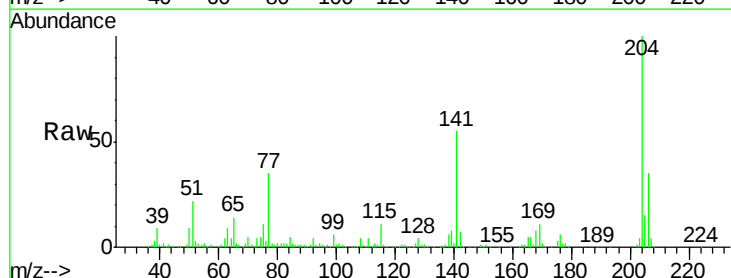


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

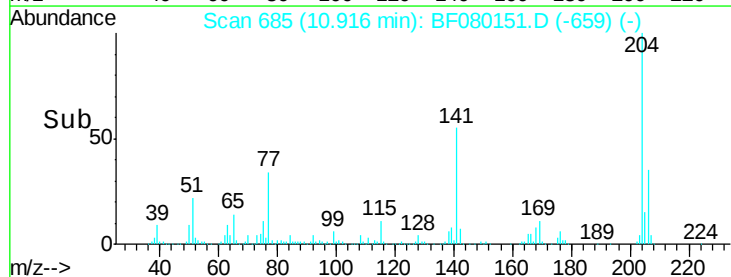
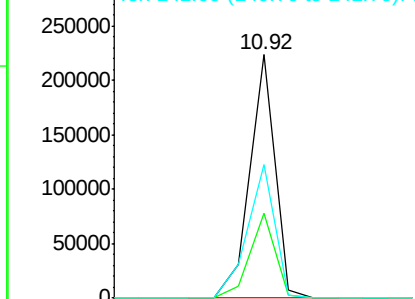


#60
4-Chlorophenyl-phenylether
Concen: 43.74 ng
RT: 10.92 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF080151.D
Acq: 25 Jun 2015 2:37

Tgt Ion:204 Resp: 179234
Ion Ratio Lower Upper
204 100
206 34.6 24.8 37.2
141 54.9 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

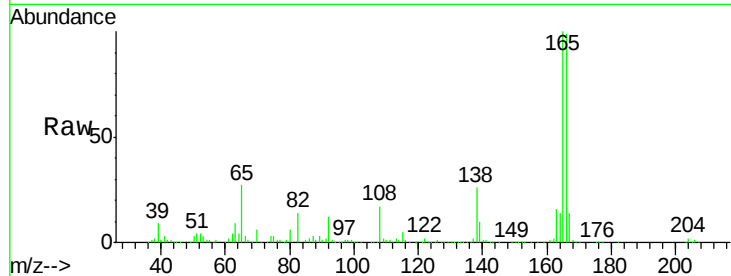




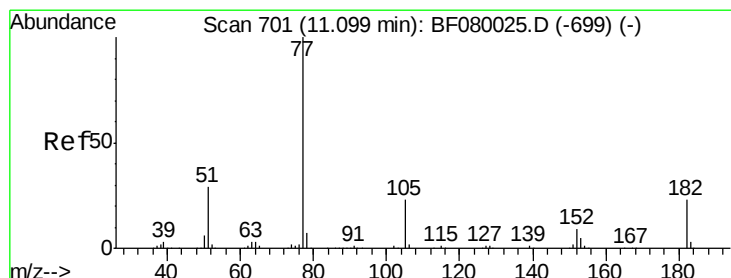
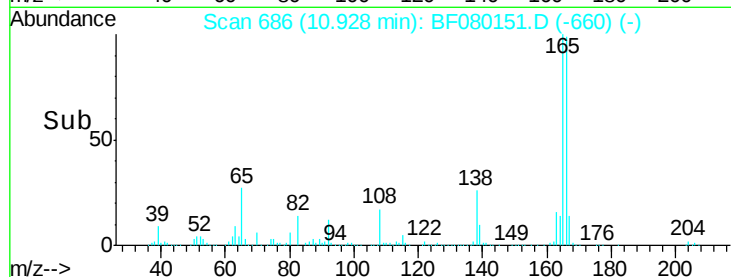
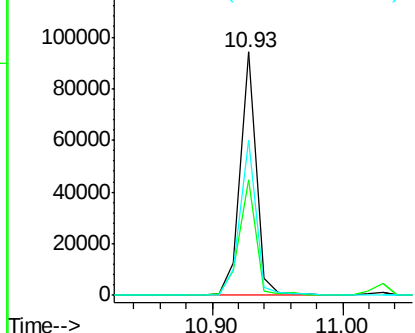
#61
4-Nitroaniline
Concen: 39.52 ng
RT: 10.93 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF080151.D
Acq: 25 Jun 2015 2:37

Instrument :
BNA_F
ClientSampleId :
SB-76(11-13)MS

Tgt Ion:138 Resp: 79741
Ion Ratio Lower Upper
138 100
92 47.4 12.6 52.6
108 63.9 12.4 52.4#

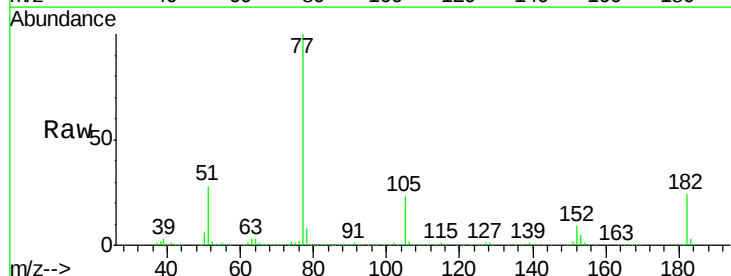


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

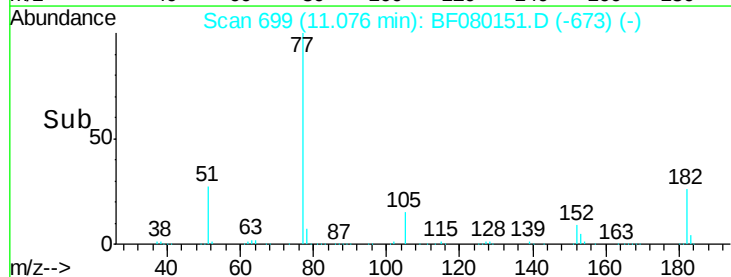
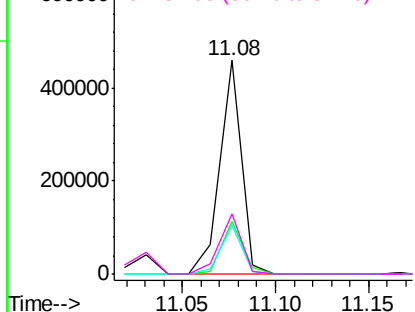


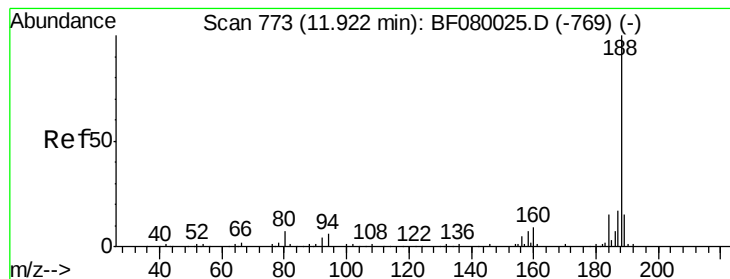
#62
Azobenzene
Concen: 42.86 ng
RT: 11.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF080151.D
Acq: 25 Jun 2015 2:37

Tgt Ion: 77 Resp: 371050
Ion Ratio Lower Upper
77 100
182 24.3 15.1 55.1
105 23.0 3.4 43.4
51 28.4 12.0 52.0



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.89 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MS

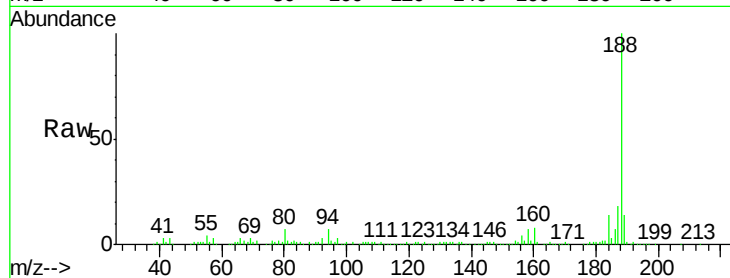
Tgt Ion:188 Resp: 209182

Ion Ratio Lower Upper

188 100

94 6.6 11.1 16.7#

80 7.4 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

200000

150000

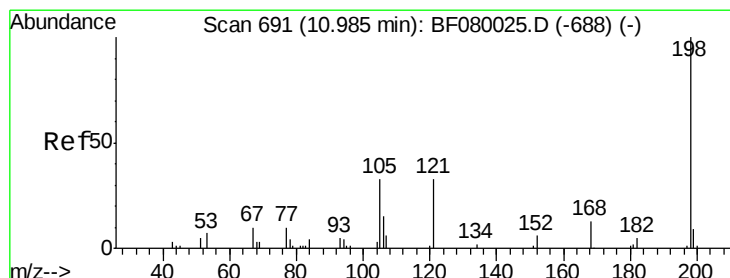
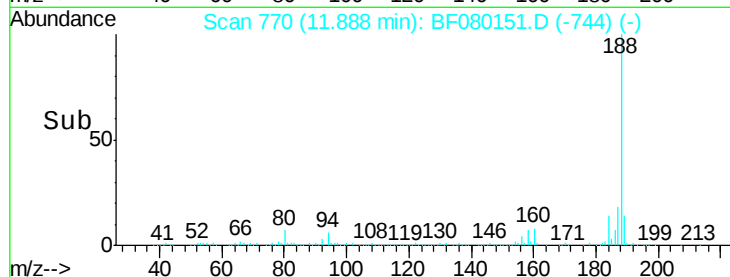
100000

50000

0

11.85 11.90

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 35.02 ng

RT: 10.96 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

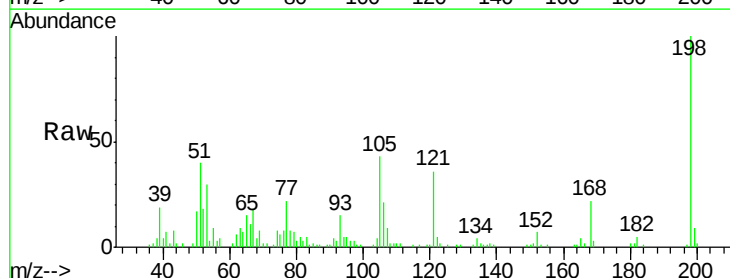
Tgt Ion:198 Resp: 32907

Ion Ratio Lower Upper

198 100

51 39.6 39.6 79.6

105 42.9 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

60000

50000

40000

30000

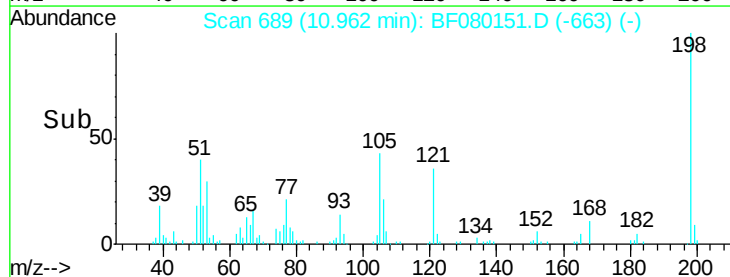
20000

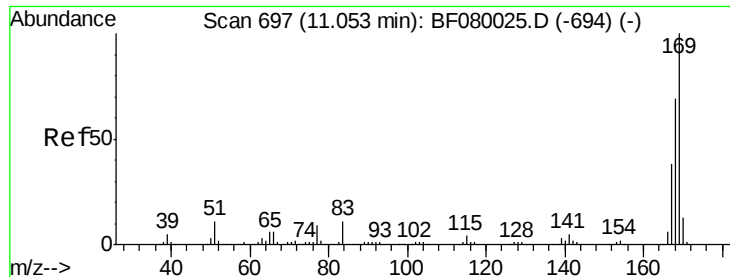
10000

0

10.90 10.95 11.00

Time-->

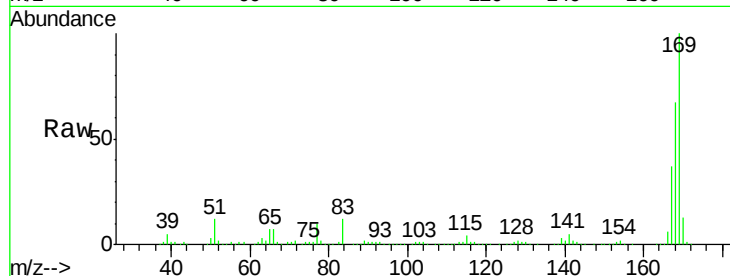




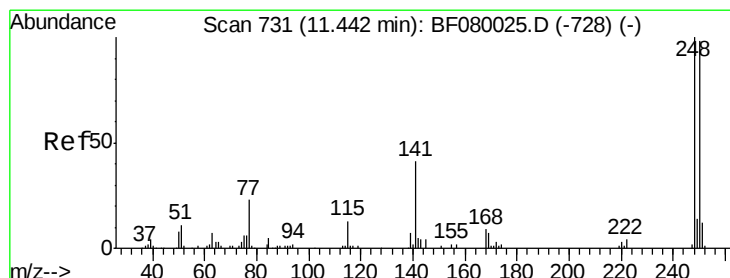
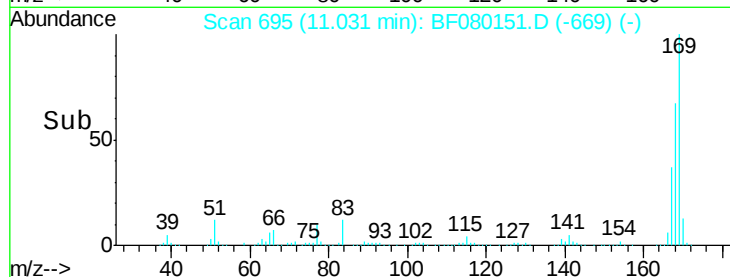
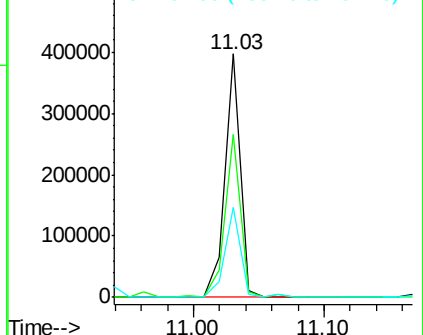
#65
 n-Nitrosodiphenylamine
 Concen: 48.37 ng
 RT: 11.03 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

Instrument :
 BNA_F
 ClientSampleId :
 SB-76(11-13)MS

Tgt Ion:169 Resp: 329444
 Ion Ratio Lower Upper
 169 100
 168 66.9 48.9 73.3
 167 37.2 26.2 39.4

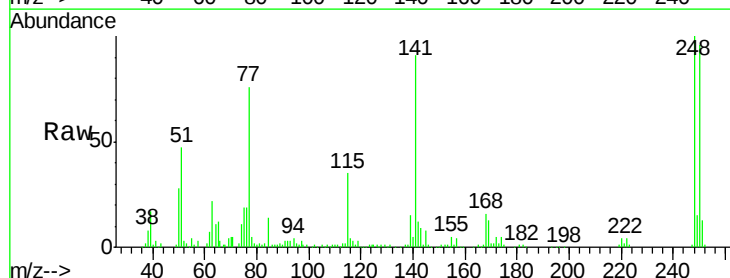


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

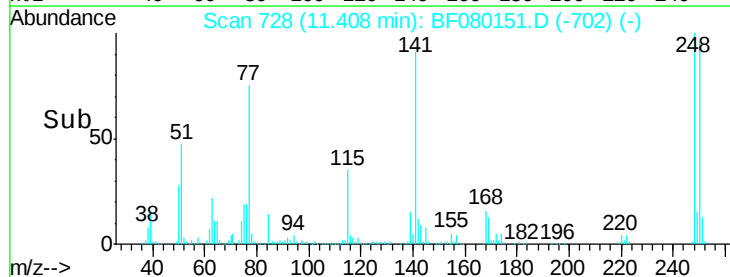
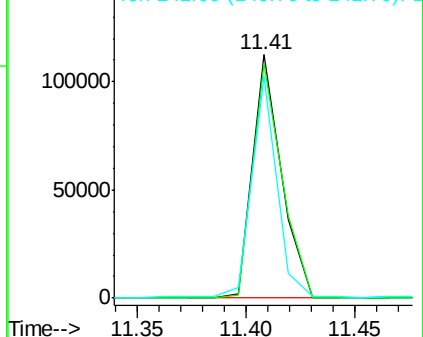


#66
 4-Bromophenyl-phenylether
 Concen: 46.42 ng
 RT: 11.41 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

Tgt Ion:248 Resp: 103255
 Ion Ratio Lower Upper
 248 100
 250 96.1 78.5 117.7
 141 91.0 59.0 88.6#



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

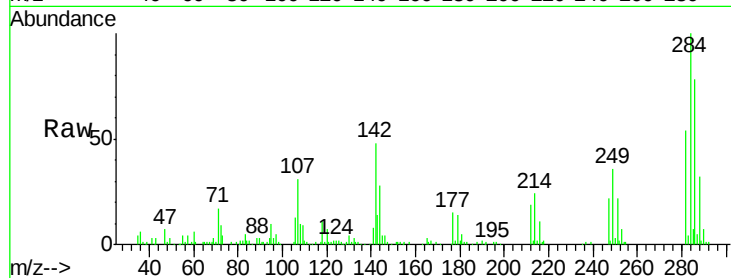




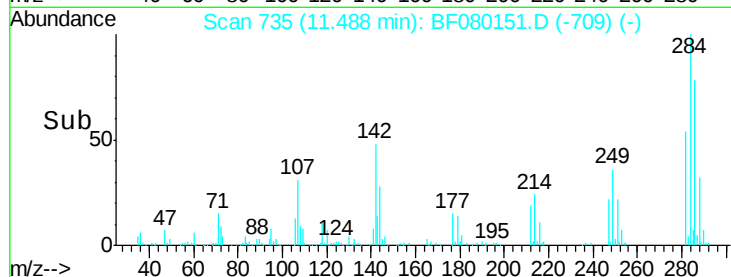
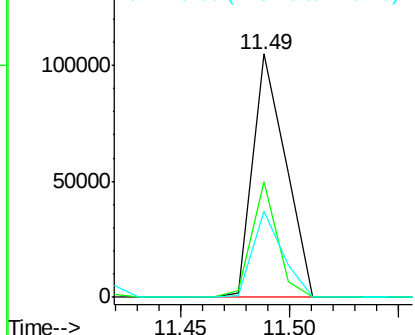
#67
Hexachlorobenzene
Concen: 44.61 ng
RT: 11.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF080151.D
Acq: 25 Jun 2015 2:37

Instrument :
BNA_F
ClientSampleId :
SB-76(11-13)MS

Tgt Ion:284 Resp: 110265
Ion Ratio Lower Upper
284 100
142 47.7 29.5 44.3#
249 35.6 19.5 29.3#

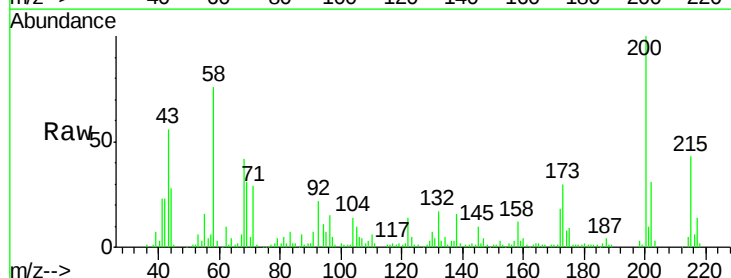


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

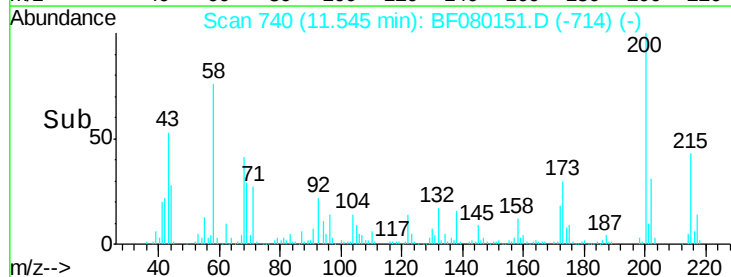
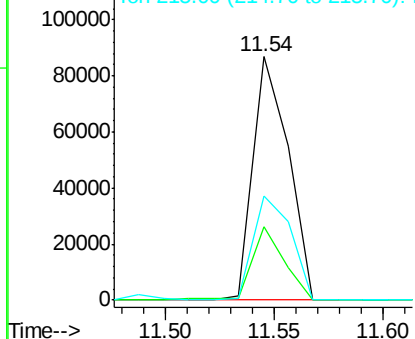


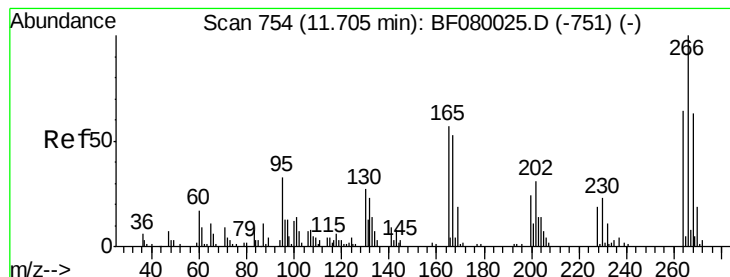
#68
Atrazine
Concen: 45.60 ng
RT: 11.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF080151.D
Acq: 25 Jun 2015 2:37

Tgt Ion:200 Resp: 98134
Ion Ratio Lower Upper
200 100
173 30.0 13.2 53.2
215 42.6 41.8 81.8



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





#69

Pentachlorophenol

Concen: 97.91 ng

RT: 11.68 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MS

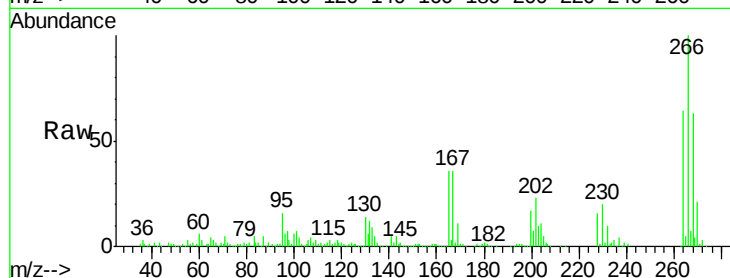
Tgt Ion:266 Resp: 137146

Ion Ratio Lower Upper

266 100

268 63.1 49.8 74.6

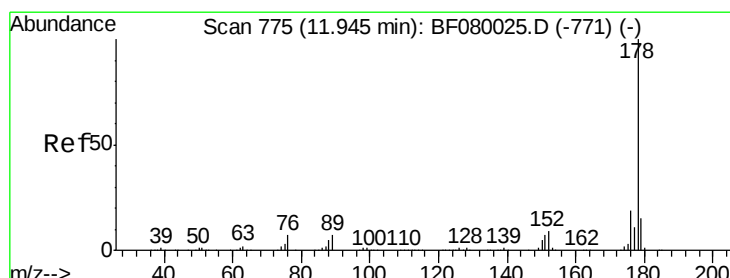
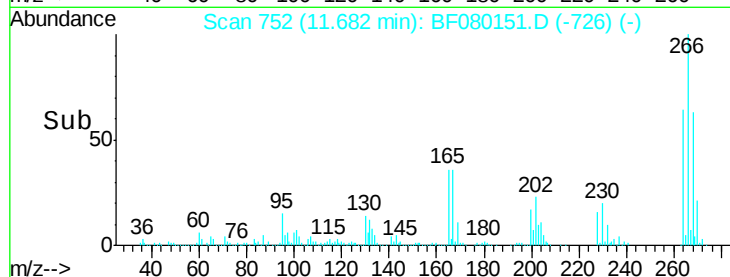
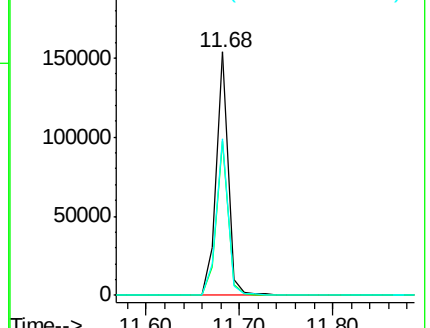
264 64.4 50.2 75.2



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: 47.37 ng

RT: 11.91 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

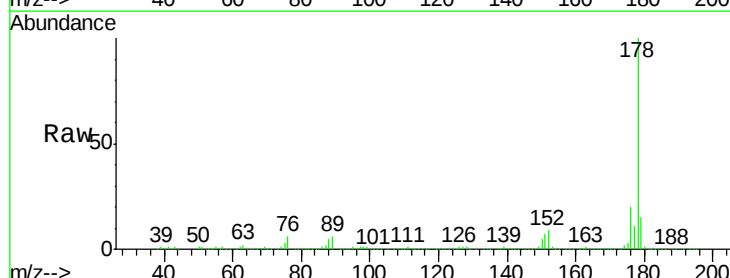
Tgt Ion:178 Resp: 599874

Ion Ratio Lower Upper

178 100

176 19.6 13.8 20.8

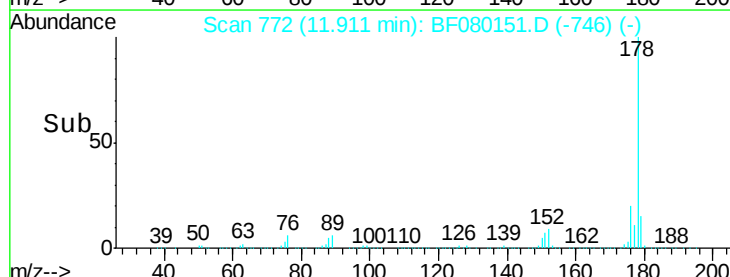
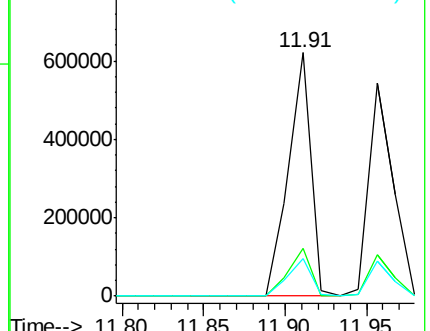
179 15.2 12.2 18.2

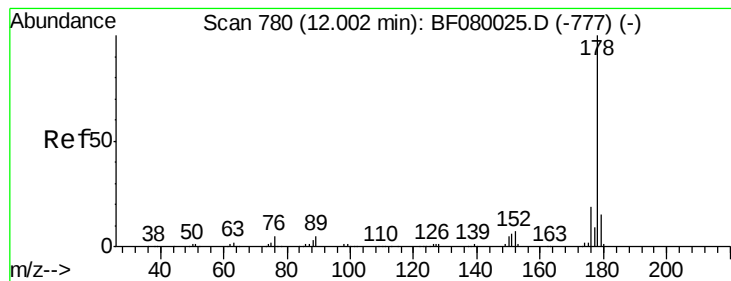


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 46.74 ng

RT: 11.96 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MS

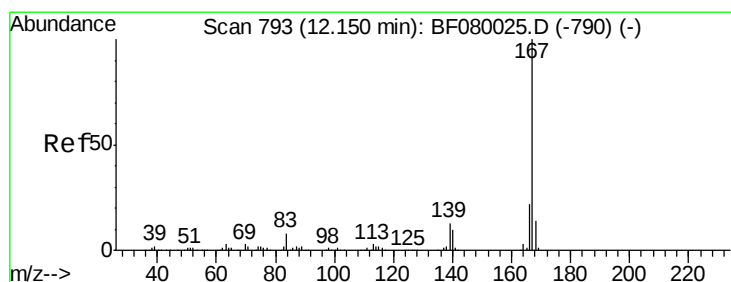
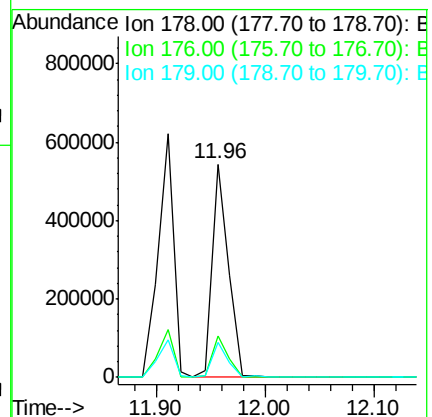
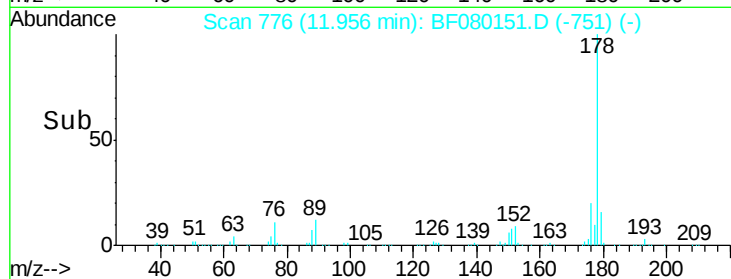
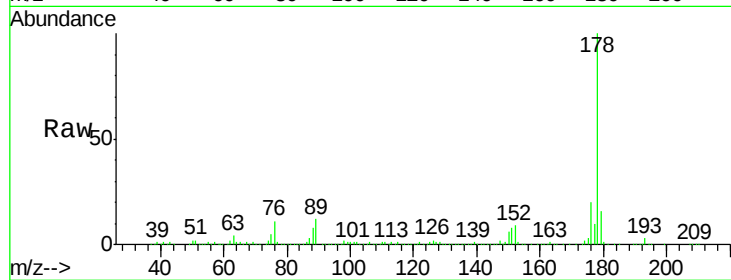
Tgt Ion:178 Resp: 570004

Ion Ratio Lower Upper

178 100

176 19.6 14.1 21.1

179 16.4 12.2 18.2



#72

Carbazole

Concen: 41.52 ng

RT: 12.11 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

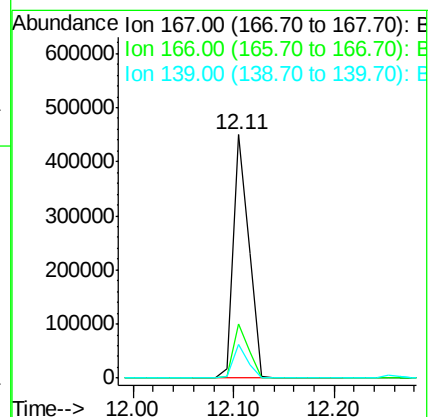
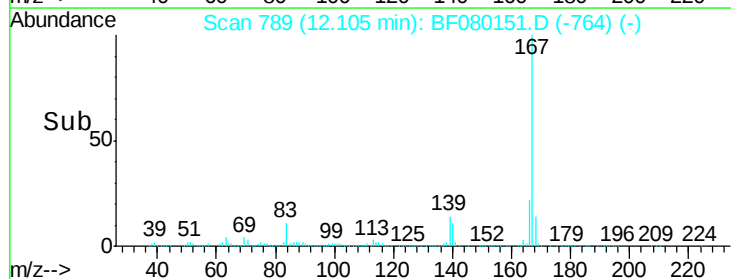
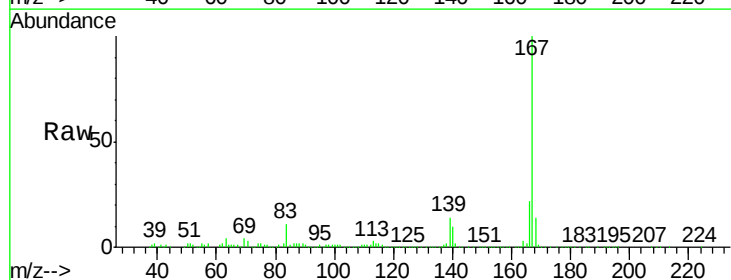
Tgt Ion:167 Resp: 483329

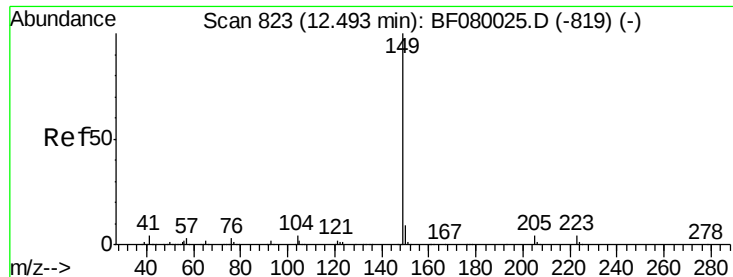
Ion Ratio Lower Upper

167 100

166 22.4 15.7 23.5

139 13.8 9.5 14.3





#73

Di-n-butylphthalate

Concen: 47.15 ng

RT: 12.44 min Scan# 818

Delta R.T. -0.02 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MS

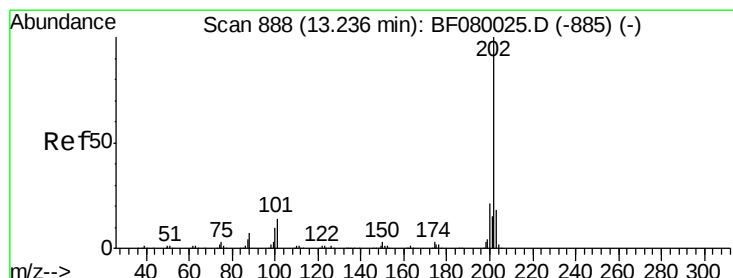
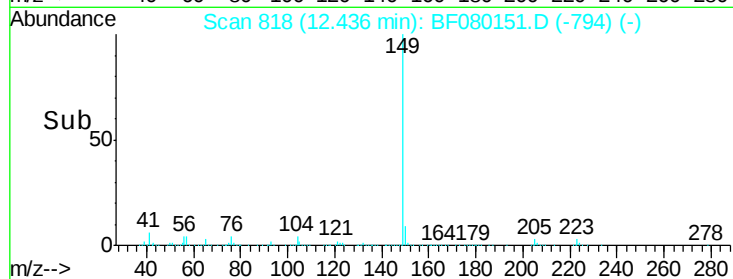
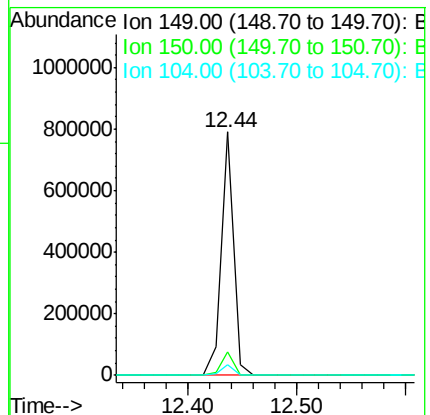
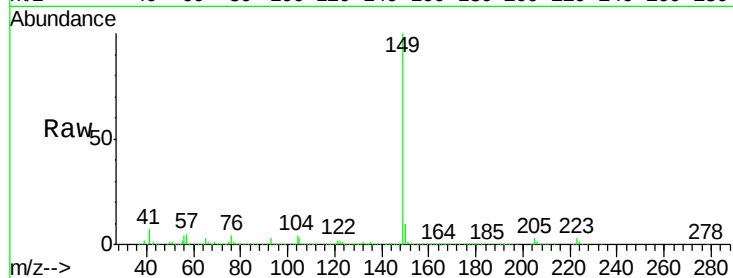
Tgt Ion:149 Resp: 634177

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

104 4.5 2.4 3.6#



#74

Fluoranthene

Concen: 45.53 ng

RT: 13.16 min Scan# 881

Delta R.T. -0.05 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

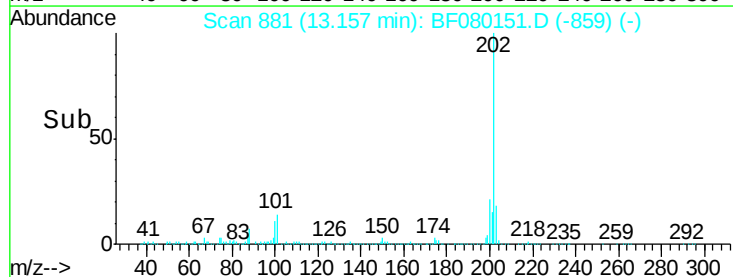
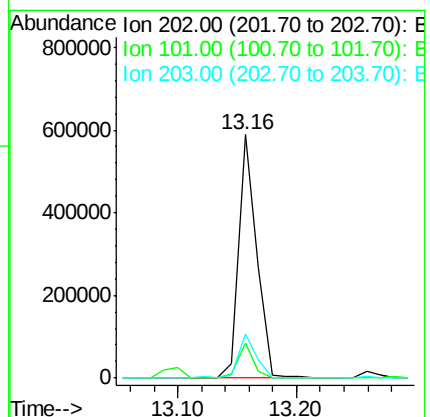
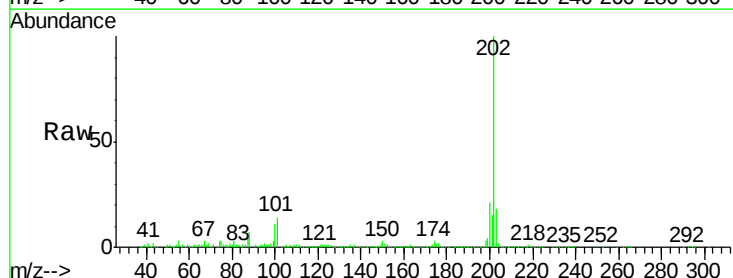
Tgt Ion:202 Resp: 614097

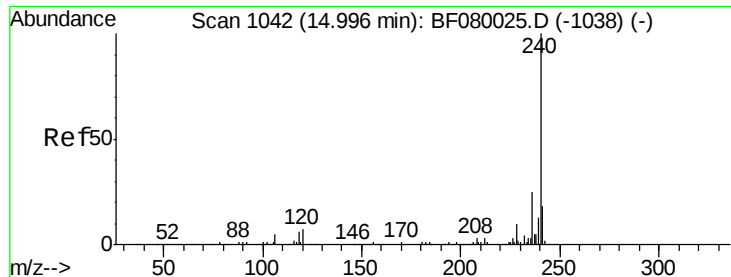
Ion Ratio Lower Upper

202 100

101 14.2 0.0 38.3

203 18.1 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.81 min Scan# 1026

Delta R.T. -0.11 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MS

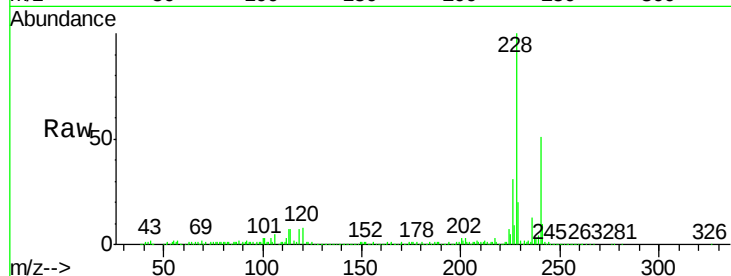
Tgt Ion:240 Resp: 228415

Ion Ratio Lower Upper

240 100

120 15.1 16.2 24.2#

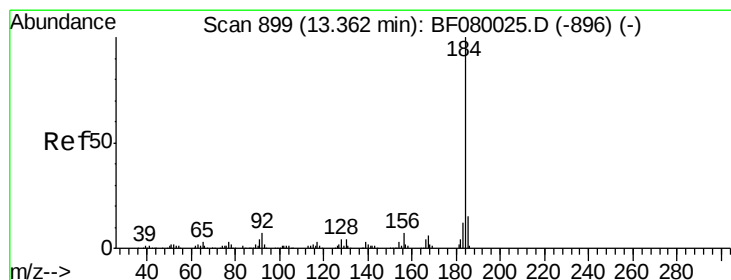
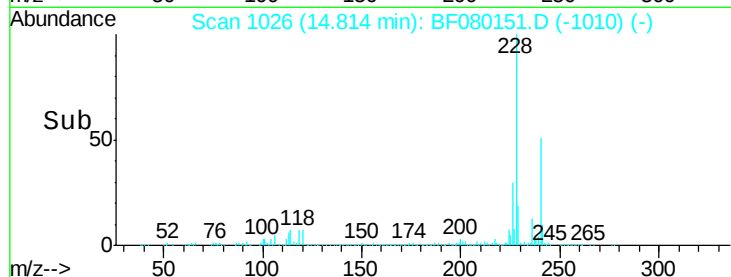
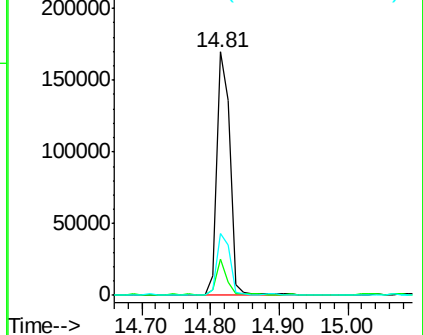
236 25.5 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 44.67 ng

RT: 13.28 min Scan# 892

Delta R.T. -0.03 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

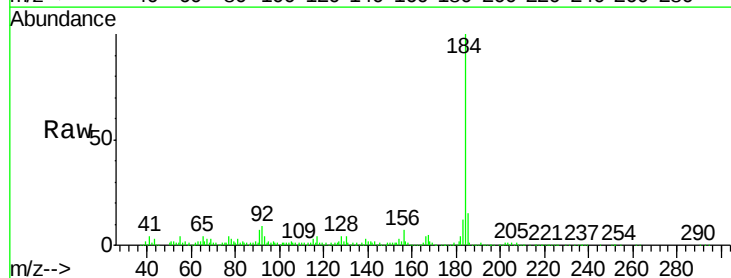
Tgt Ion:184 Resp: 285236

Ion Ratio Lower Upper

184 100

185 14.6 11.8 17.6

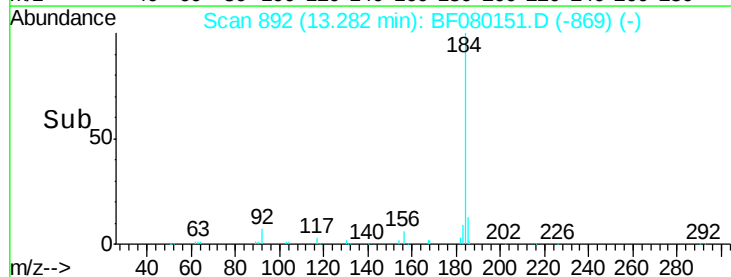
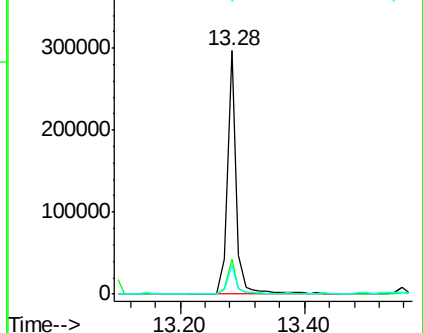
183 11.5 7.6 11.4#

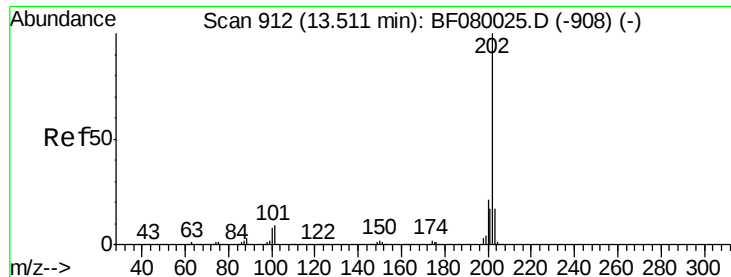


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

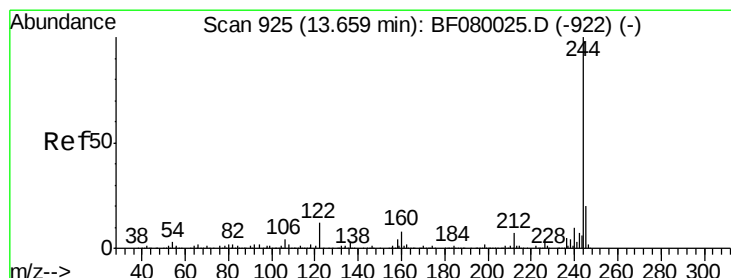
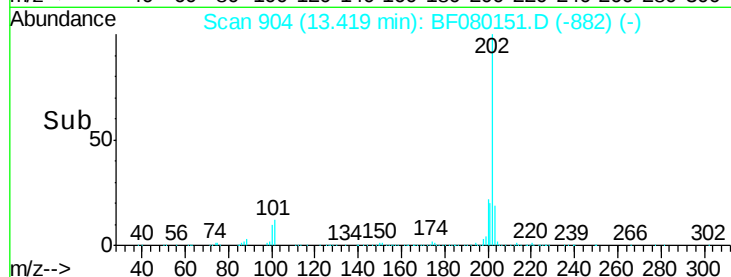
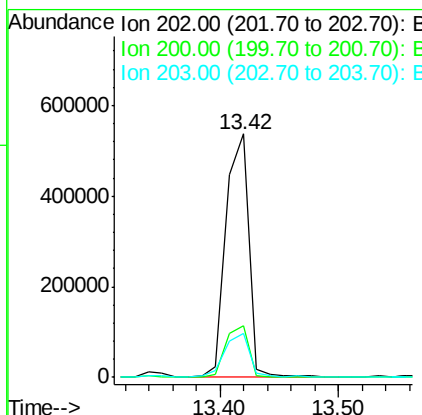
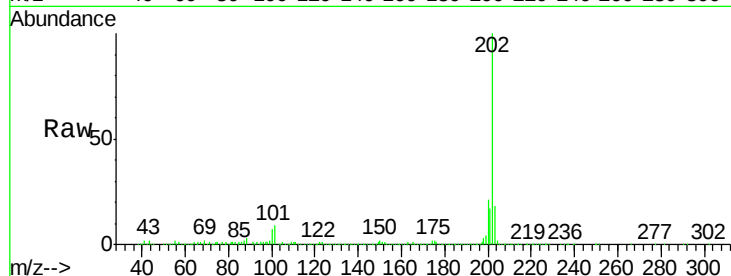




#77
 Pyrene
 Concen: 50.65 ng
 RT: 13.42 min Scan# 904
 Delta R.T. -0.05 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

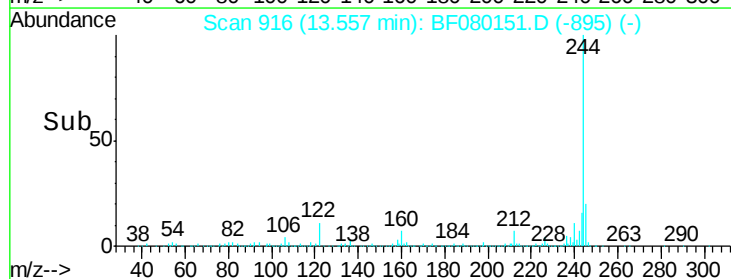
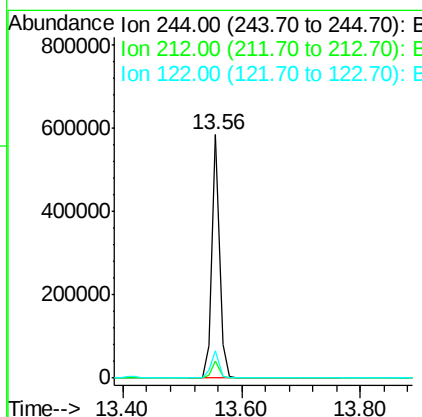
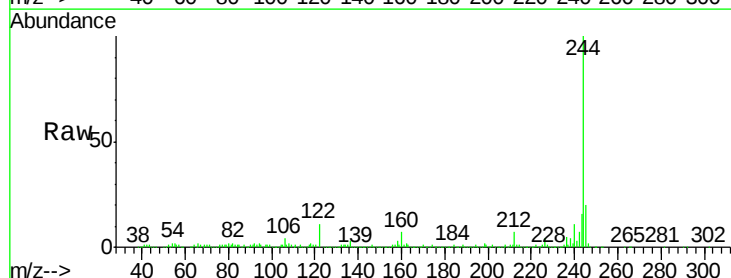
Instrument :
 BNA_F
 ClientSampleId :
 SB-76(11-13)MS

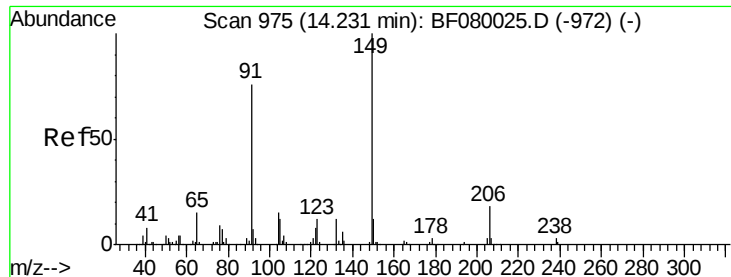
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	15.0	22.4
203	17.8	14.1	21.1



#78
 Terphenyl-d14
 Concen: 53.23 ng
 RT: 13.56 min Scan# 916
 Delta R.T. -0.06 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	4.3	6.5#
122	11.4	17.4	26.2#

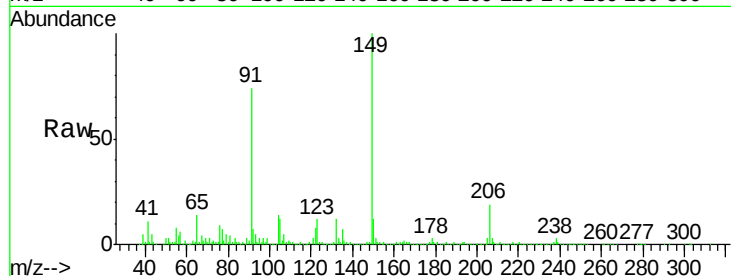




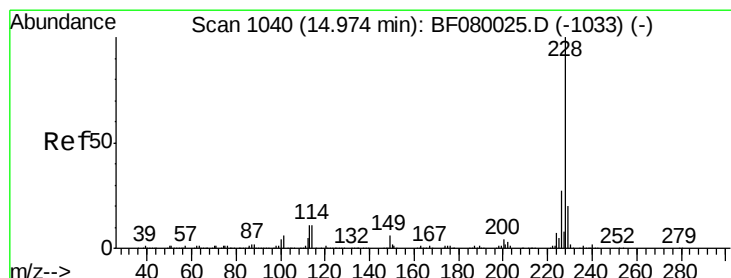
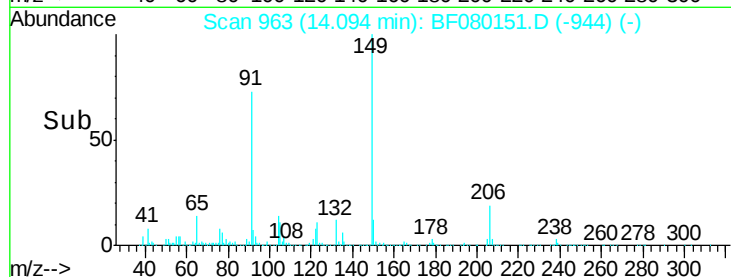
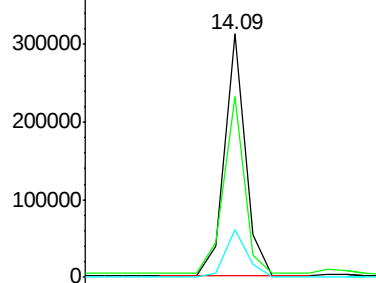
#79
Butylbenzylphthalate
Concen: 49.13 ng
RT: 14.09 min Scan# 963
Delta R.T. -0.08 min
Lab File: BF080151.D
Acq: 25 Jun 2015 2:37

Instrument :
BNA_F
ClientSampleId :
SB-76(11-13)MS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.4	48.6	72.8#
206	19.4	14.9	22.3

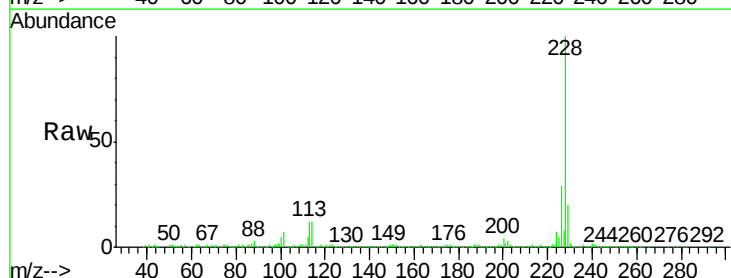


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

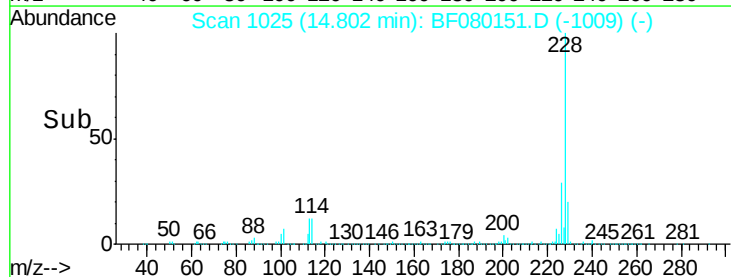
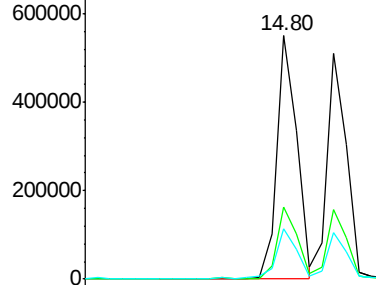


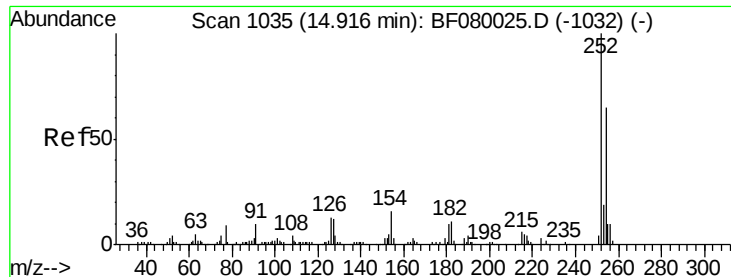
#80
Benzo(a)anthracene
Concen: 50.35 ng
RT: 14.80 min Scan# 1025
Delta R.T. -0.11 min
Lab File: BF080151.D
Acq: 25 Jun 2015 2:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	20.0	30.0
229	20.4	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

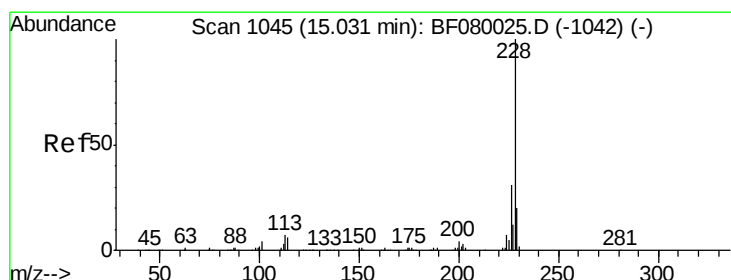
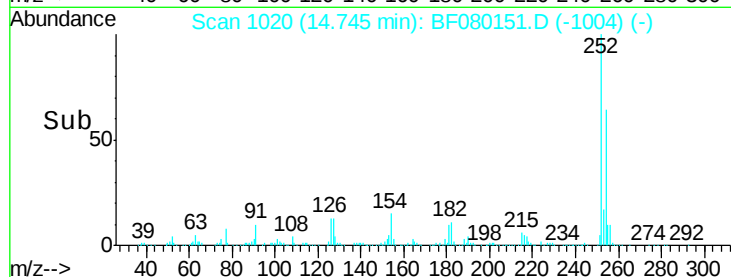
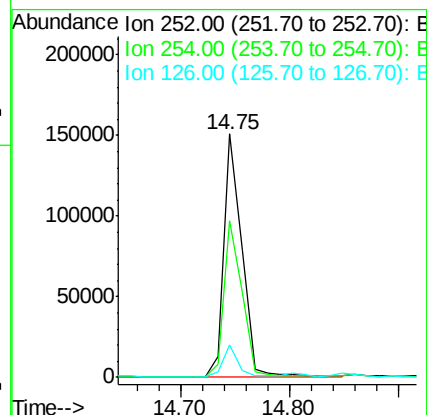
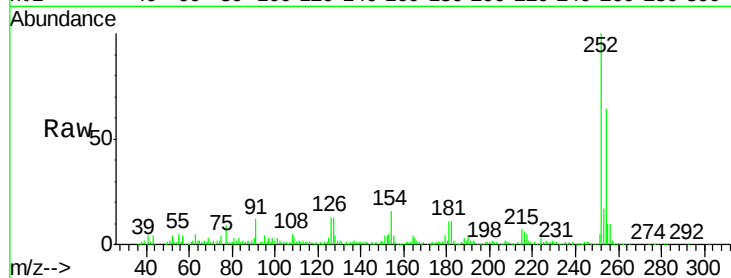




#81
 3,3'-Dichlorobenzidine
 Concen: 36.31 ng
 RT: 14.75 min Scan# 1020
 Delta R.T. -0.11 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

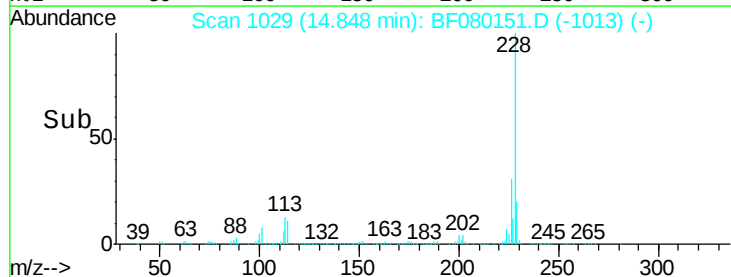
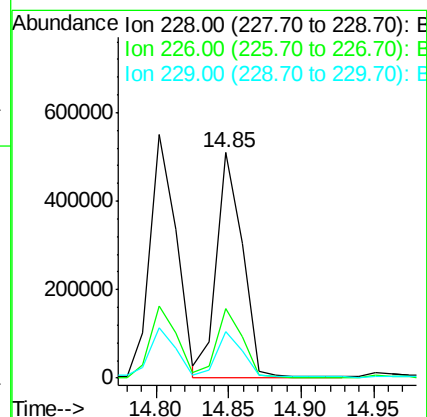
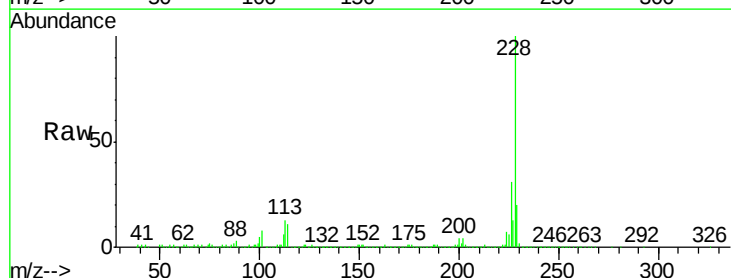
Instrument :
 BNA_F
 ClientSampleId :
 SB-76(11-13)MS

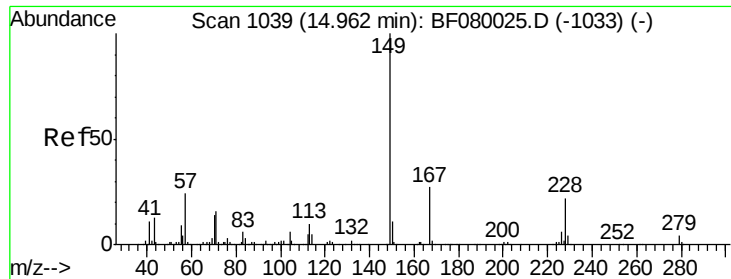
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.4	77.2
126	13.1	16.4	24.6#



#82
 Chrysene
 Concen: 49.49 ng
 RT: 14.85 min Scan# 1029
 Delta R.T. -0.11 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	21.0	31.4
229	20.4	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.25 ng

RT: 14.78 min Scan# 1023

Delta R.T. -0.11 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MS

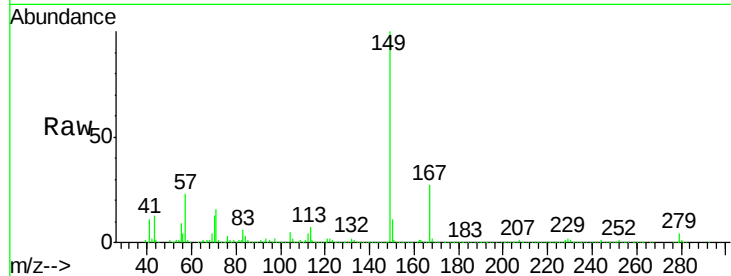
Tgt Ion:149 Resp: 430711

Ion Ratio Lower Upper

149 100

167 27.4 24.2 36.2

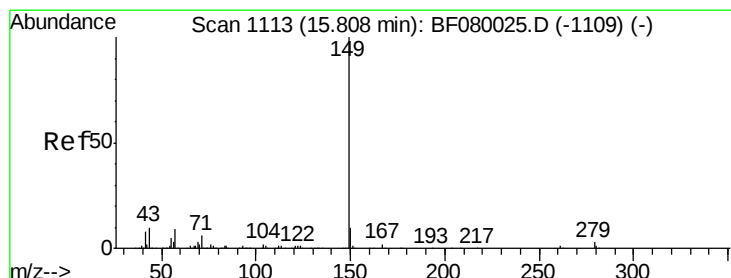
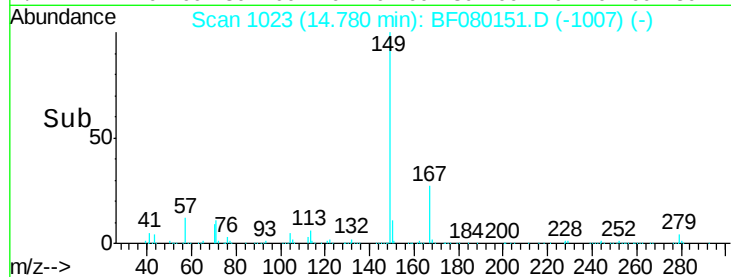
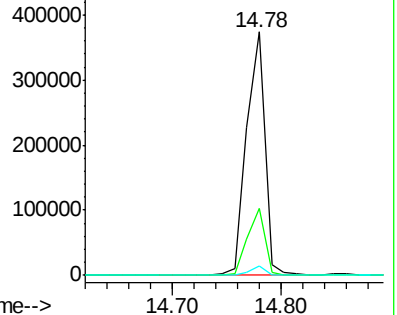
279 4.0 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.83 ng

RT: 15.57 min Scan# 1092

Delta R.T. -0.16 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

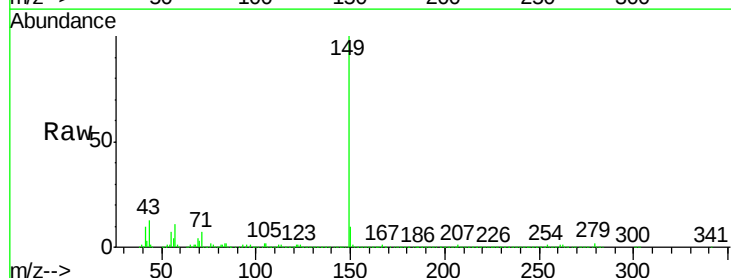
Tgt Ion:149 Resp: 762084

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

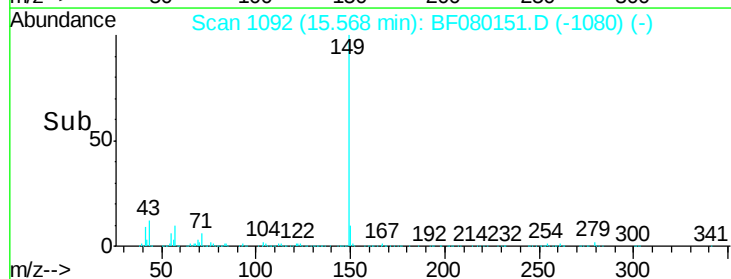
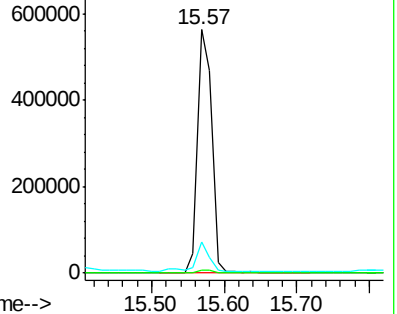
43 10.9 10.2 15.2

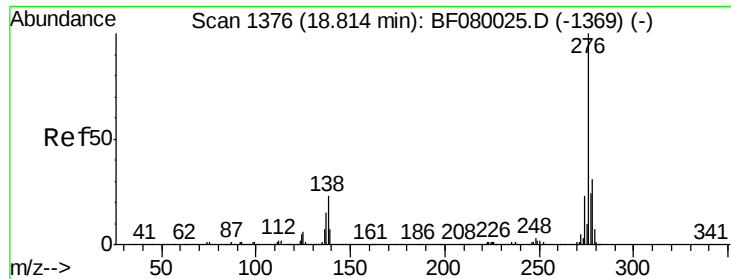


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

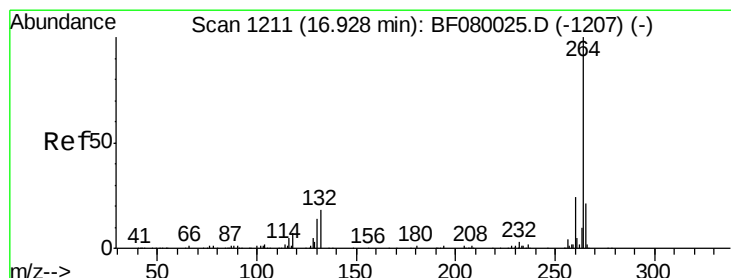
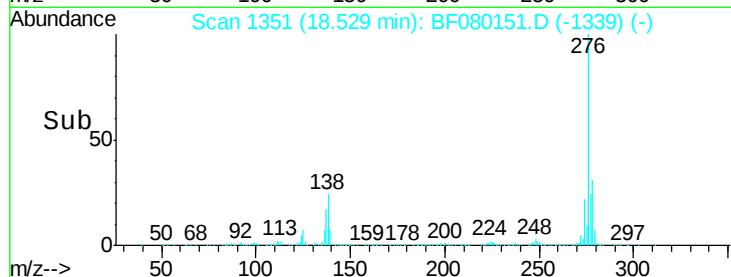
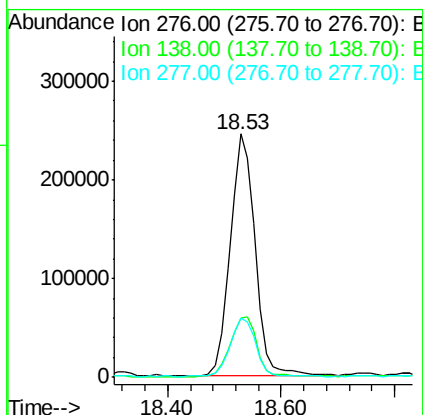
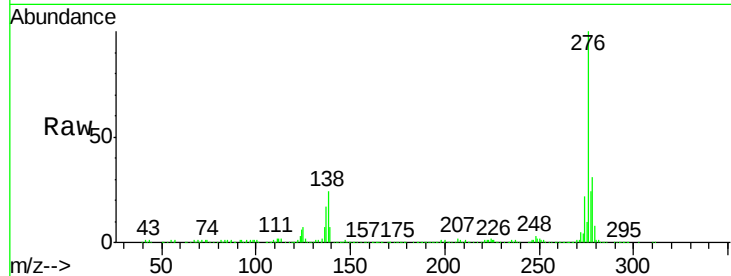




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.83 ng
 RT: 18.53 min Scan# 1351
 Delta R.T. -0.16 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

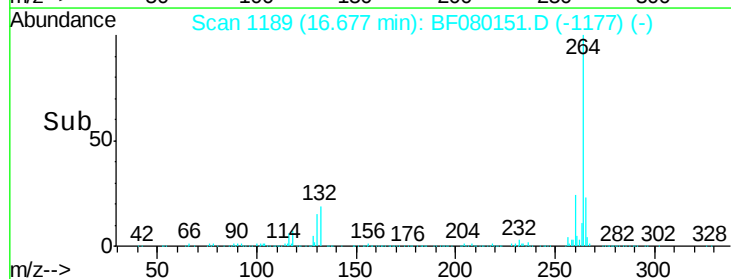
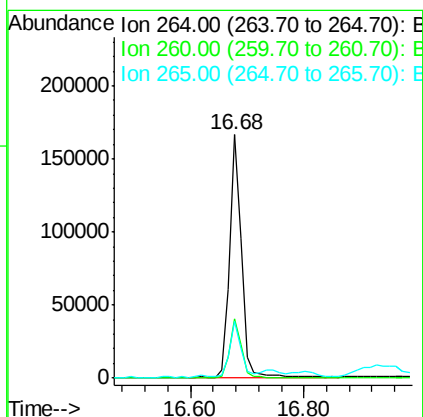
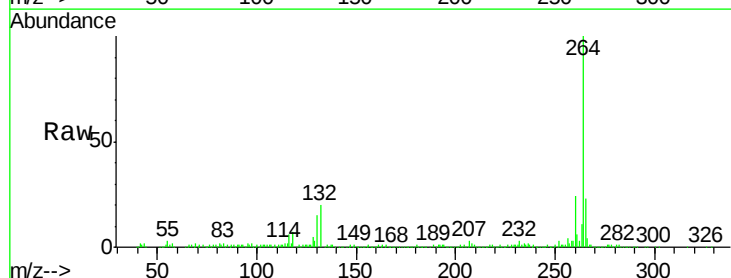
Instrument :
 BNA_F
 ClientSampleId :
 SB-76(11-13)MS

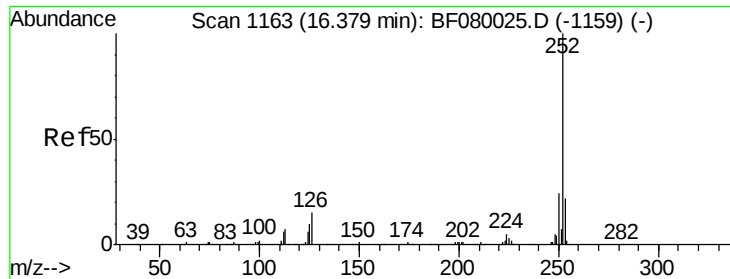
Tgt Ion: 276 Resp: 757760
 Ion Ratio Lower Upper
 276 100
 138 26.4 25.7 38.5
 277 24.6 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.68 min Scan# 1189
 Delta R.T. -0.16 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

Tgt Ion: 264 Resp: 252561
 Ion Ratio Lower Upper
 264 100
 260 24.4 16.7 25.1
 265 23.1 17.2 25.8

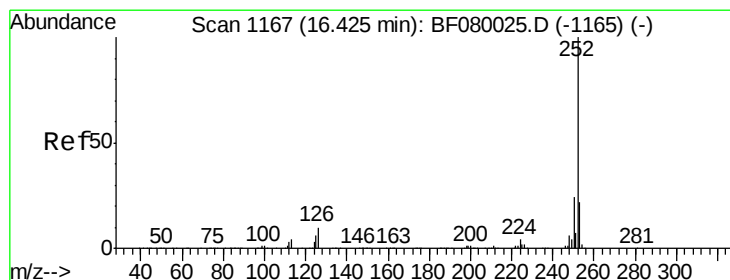
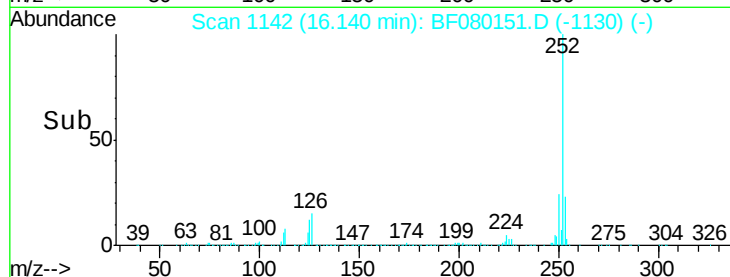
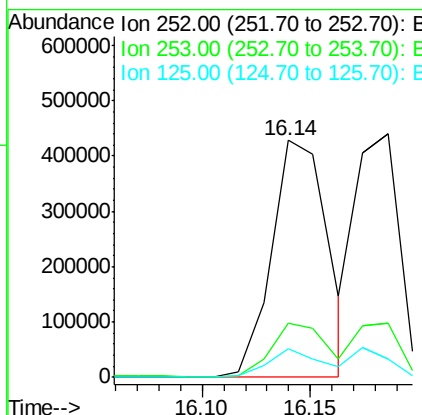
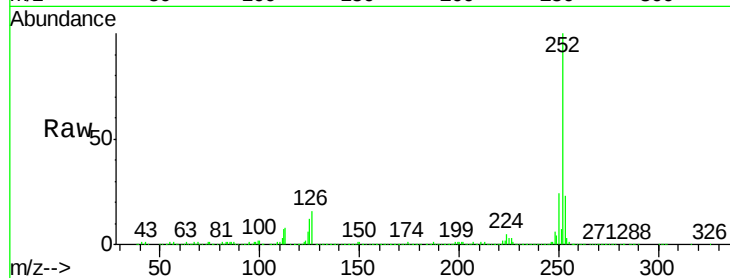




#87
Benzo(b)fluoranthene
Concen: 50.04 ng
RT: 16.14 min Scan# 1142
Delta R.T. -0.16 min
Lab File: BF080151.D
Acq: 25 Jun 2015 2:37

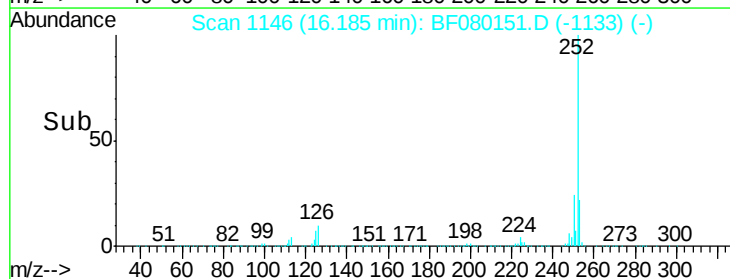
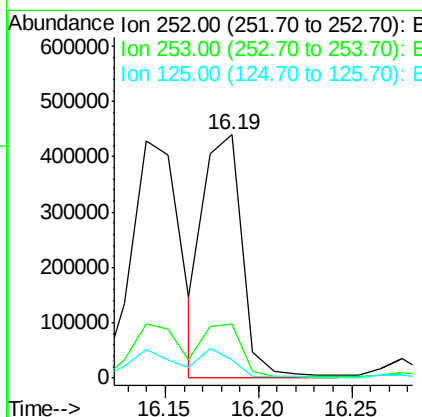
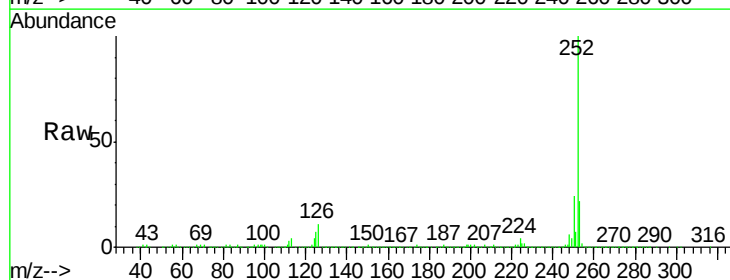
Instrument :
BNA_F
ClientSampleId :
SB-76(11-13)MS

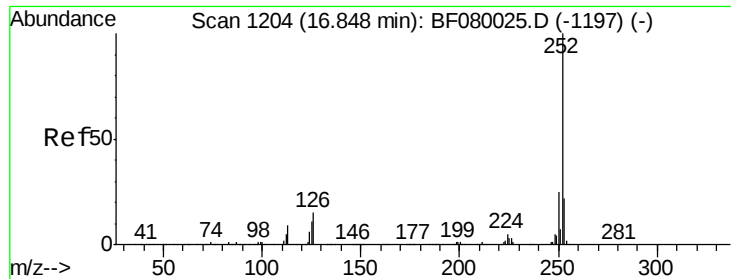
Tgt Ion:252 Resp: 765172
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 12.2 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 40.31 ng
RT: 16.19 min Scan# 1146
Delta R.T. -0.15 min
Lab File: BF080151.D
Acq: 25 Jun 2015 2:37

Tgt Ion:252 Resp: 627723
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.4
125 7.3 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 49.16 ng

RT: 16.61 min Scan# 1183

Delta R.T. -0.15 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MS

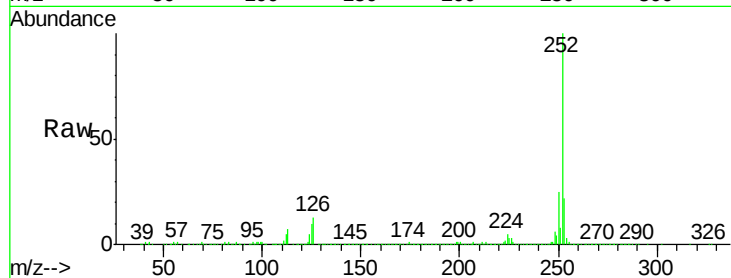
Tgt Ion:252 Resp: 713959

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

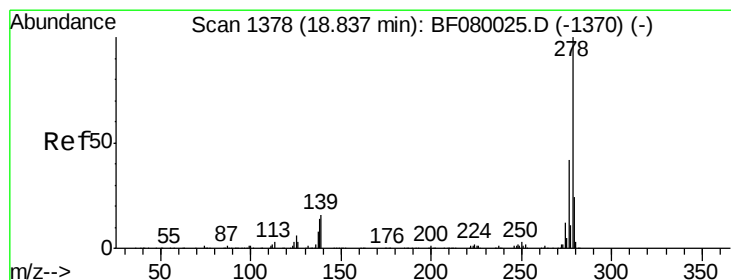
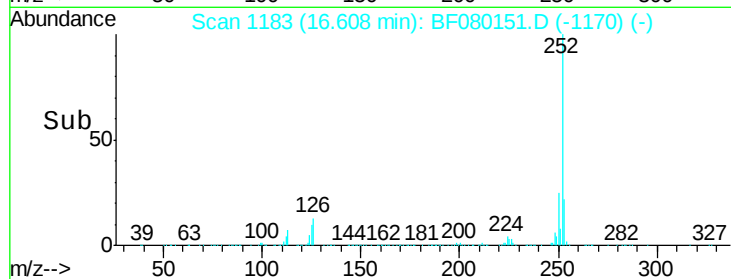
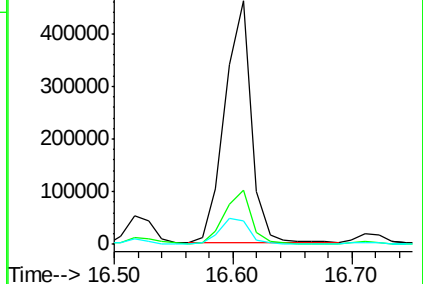
125 9.9 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.90 ng

RT: 18.55 min Scan# 1353

Delta R.T. -0.16 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

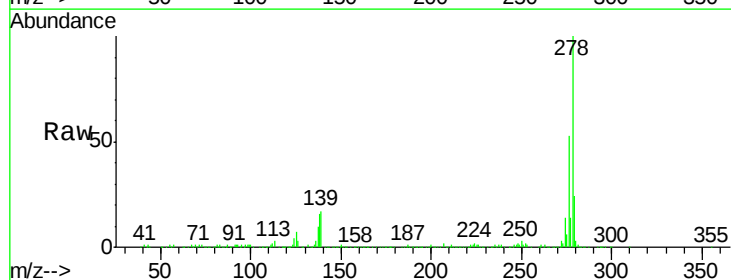
Tgt Ion:278 Resp: 593066

Ion Ratio Lower Upper

278 100

139 16.7 26.3 39.5#

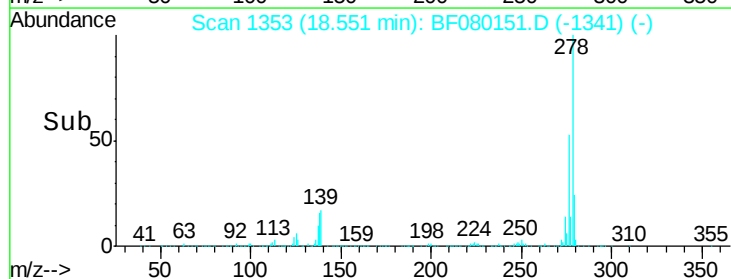
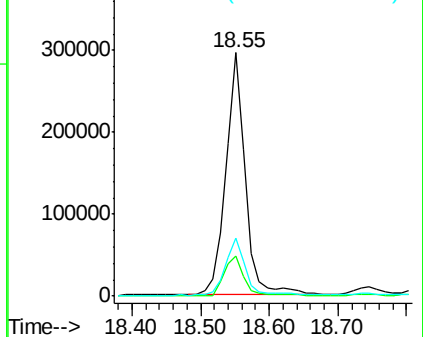
279 23.8 18.2 27.4

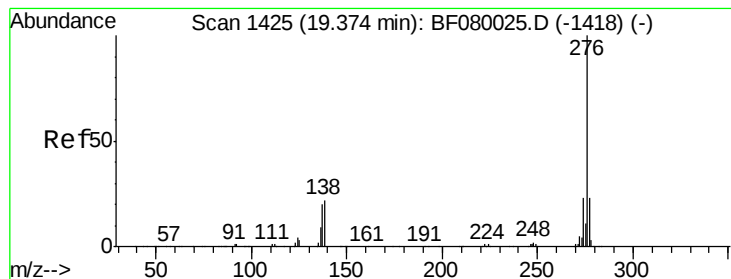


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 43.52 ng

RT: 19.09 min Scan# 1400

Delta R.T. -0.16 min

Lab File: BF080151.D

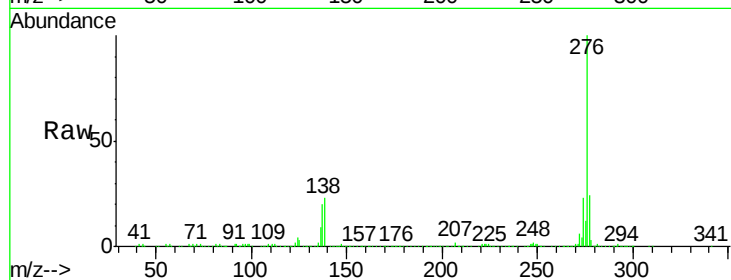
Acq: 25 Jun 2015 2:37

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MS



Tgt Ion:	276	Resp:	653093
Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.8	26.6
138	23.3	34.6	51.8#

