

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 04:33:20 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	7.34	146	175488	40.13	ng	97
13) 1,4-Dichlorobenzene	7.34	146	175488	42.20	ng	98
14) 1,2-Dichlorobenzene	7.34	146	175488	43.36	ng	97
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	522369	46.02	ng	98
32) Benzoic acid	8.30	122	46356	22.82	ng	79
33) 4-Chloroaniline	8.66	127	102433	21.09	ng	# 90
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

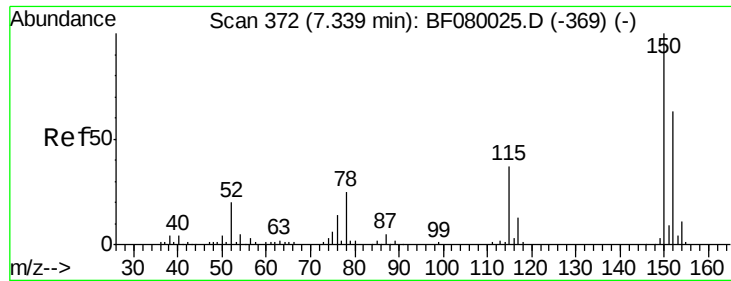
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.60	196	103625	46.58	ng	97
43) 2,4,5-Trichlorophenol	9.60	196	103625	40.43	ng	95
45) 1,1'-Biphenyl	9.78	154	401046	43.88	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



#1

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 :

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SB-76(11-13)MS

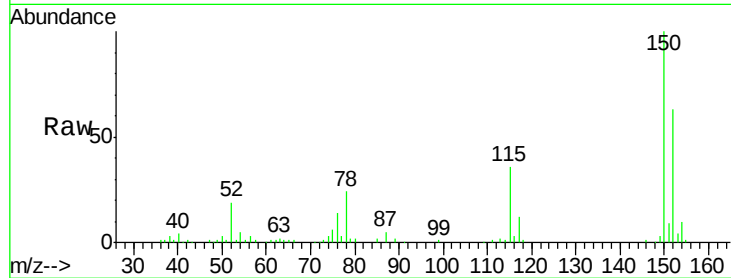
Tgt Ion:152 Resp: 55753

Ion Ratio Lower Upper

152 100

150 158.5 124.7 187.1

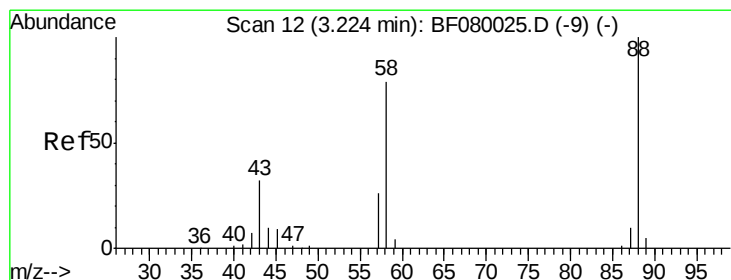
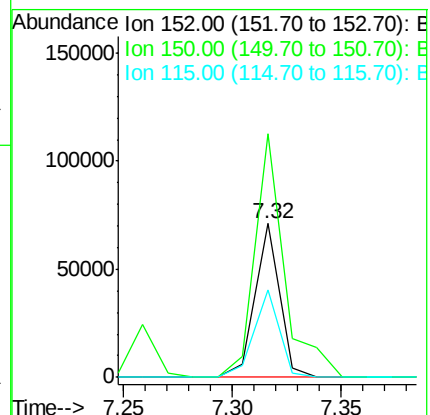
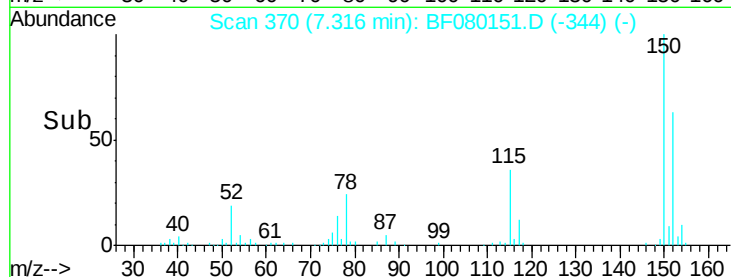
115 57.0 39.0 58.4



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



#2

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

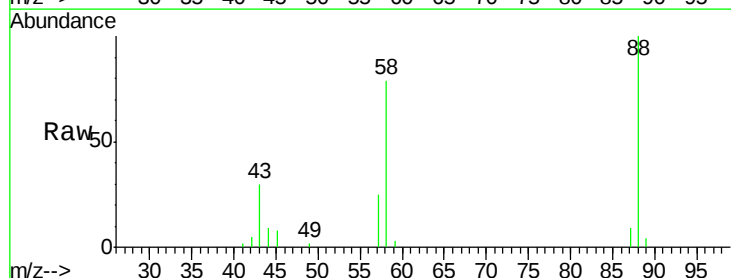
Tgt Ion: 88 Resp: 47955

Ion Ratio Lower Upper

88 100

58 80.1 77.7 116.5

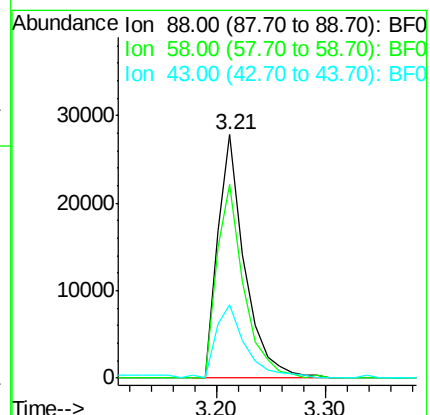
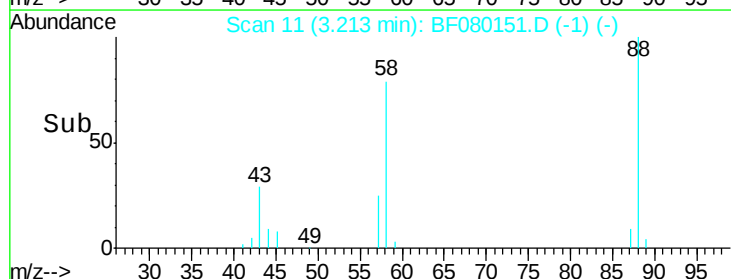
43 33.9 26.6 40.0

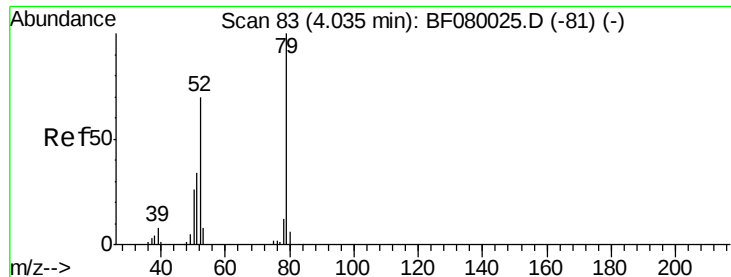


Abundance Ion 88.00 (87.70 to 88.70): BF0

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

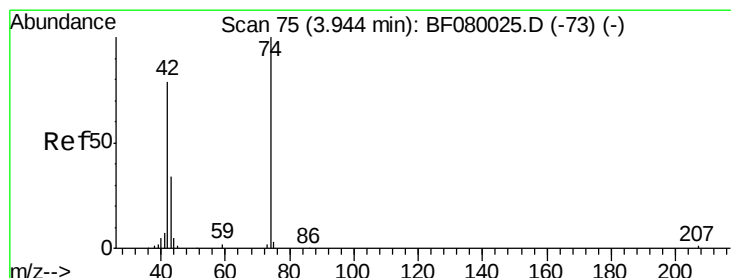
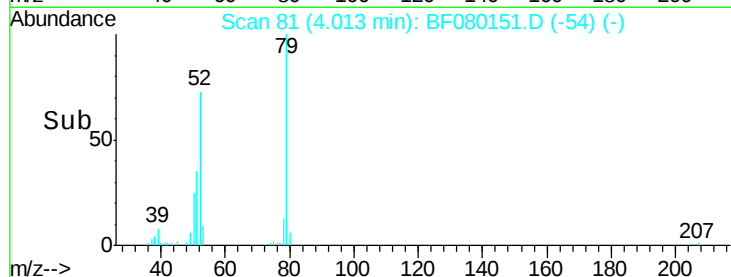
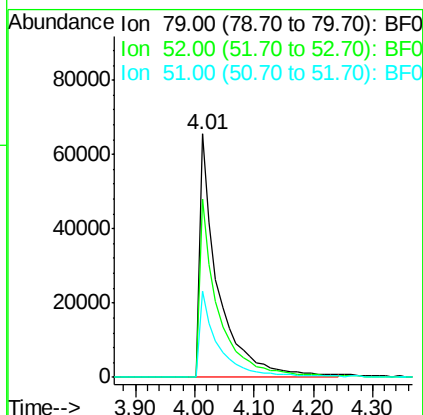
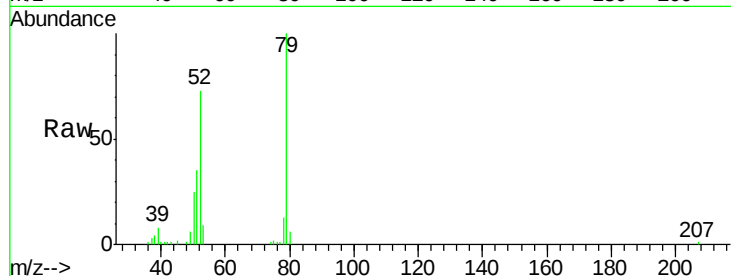
Tgt Ion: 79 Resp: 144217

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

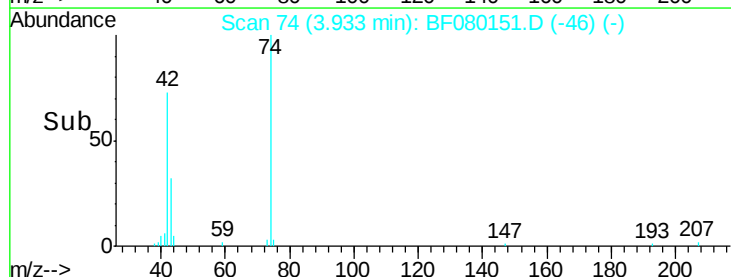
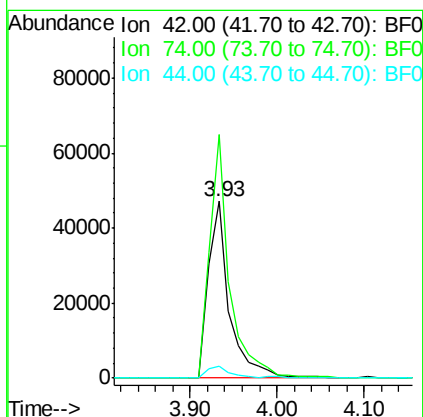
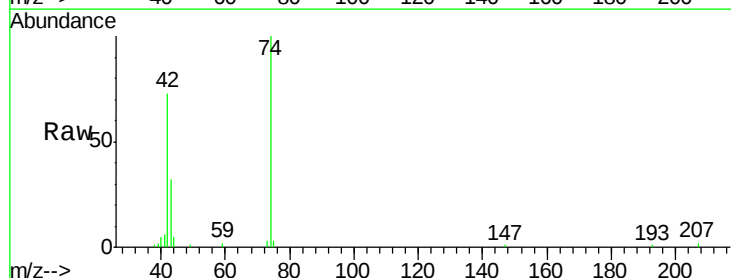
Tgt Ion: 42 Resp: 79367

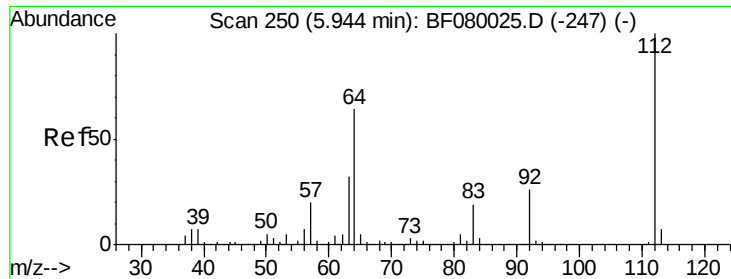
Ion Ratio Lower Upper

42 100

74 137.9 105.0 157.6

44 6.9 6.6 10.0

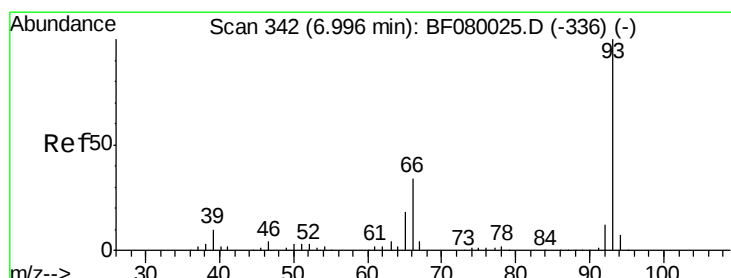
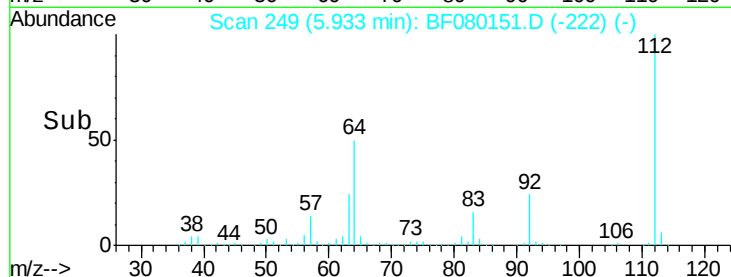
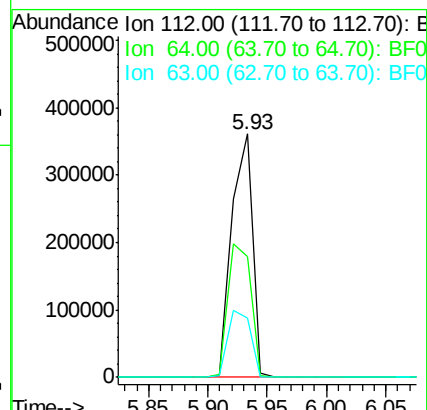
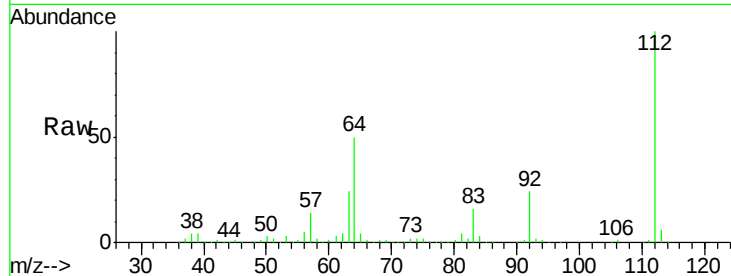




#5
 2-Fluorophenol
 Concen: 138.83 ng
 RT: 5.93 min Scan# 249
 Delta R.T. 0.01 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

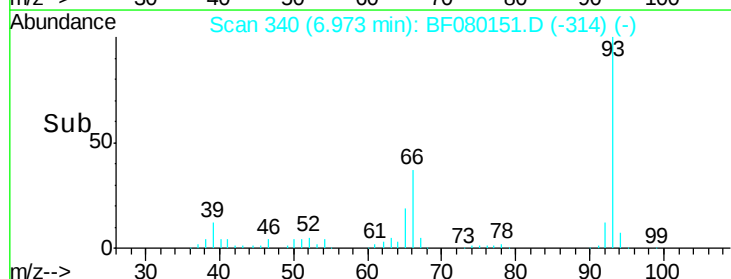
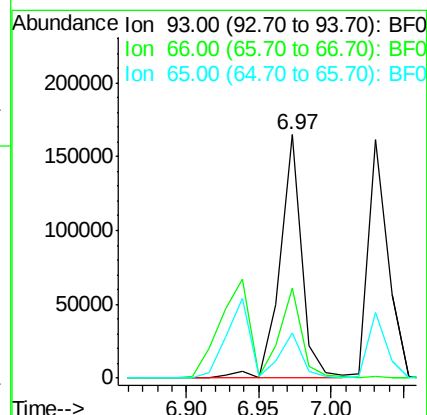
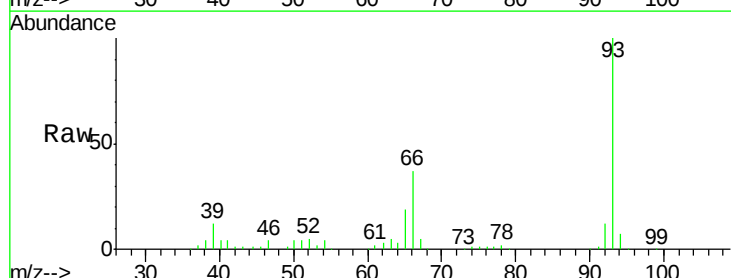
Instrument :
 BNA_F
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 SB-76(11-13)MS

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



#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





#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

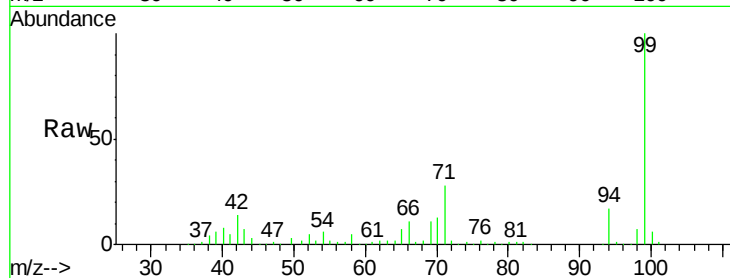
Tgt Ion: 99 Resp: 594498

Ion Ratio Lower Upper

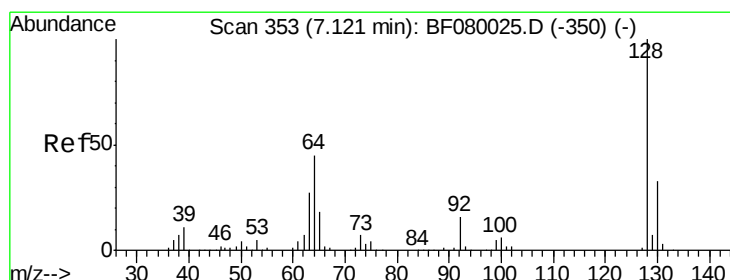
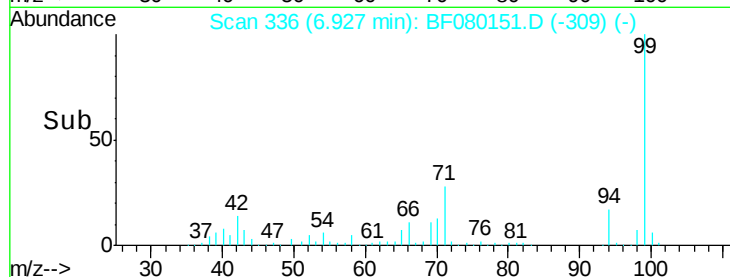
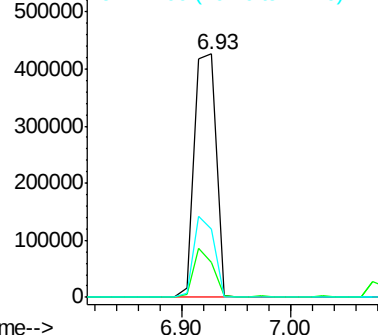
99 100

42 14.3 13.7 20.5

71 28.0 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 46.76 ng

RT: 7.10 min Scan# 351

Delta R.T. 0.00 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

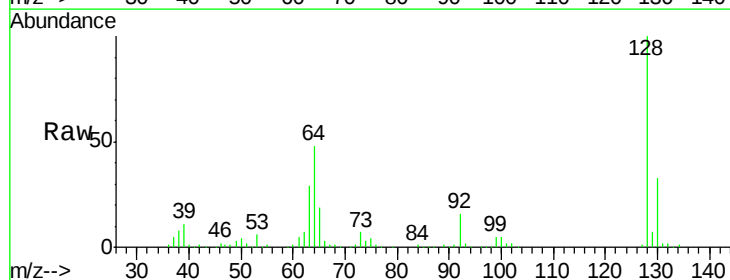
Tgt Ion: 128 Resp: 170220

Ion Ratio Lower Upper

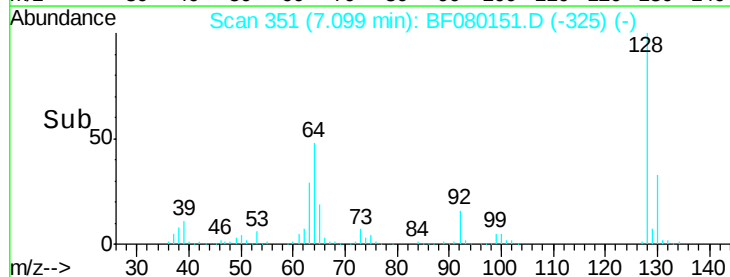
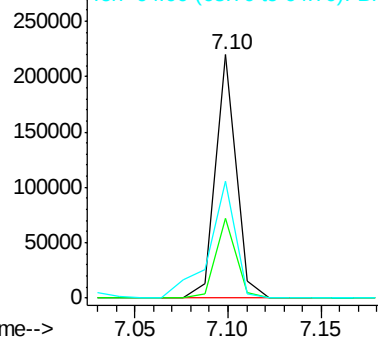
128 100

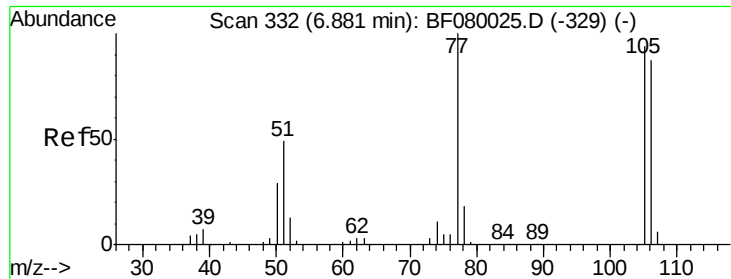
130 32.8 12.2 52.2

64 47.9 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 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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SB-76(11-13)MS

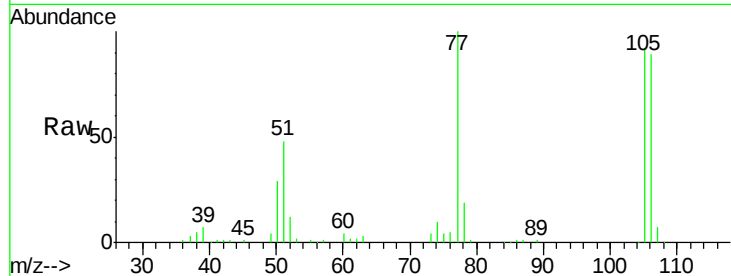
Tgt Ion: 77 Resp: 93616

Ion Ratio Lower Upper

77 100

105 92.3 91.6 131.6

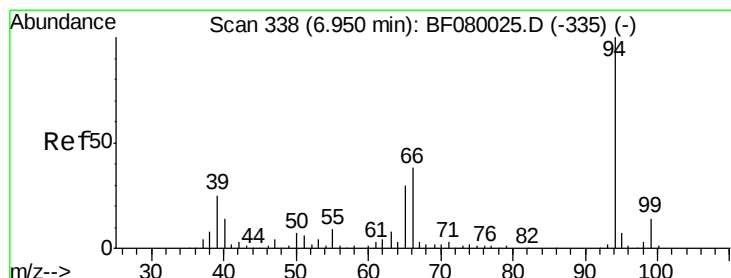
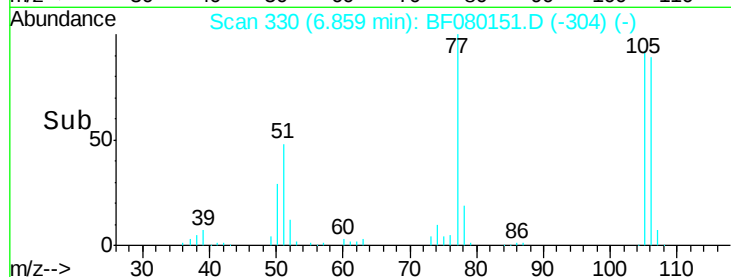
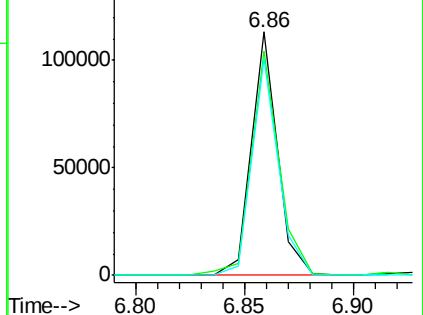
106 89.0 102.6 142.6#



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

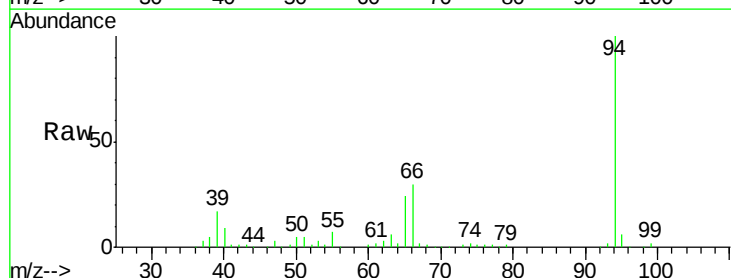
Tgt Ion: 94 Resp: 206155

Ion Ratio Lower Upper

94 100

65 24.5 0.7 40.7

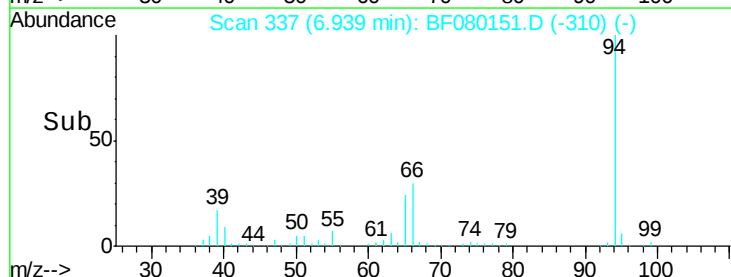
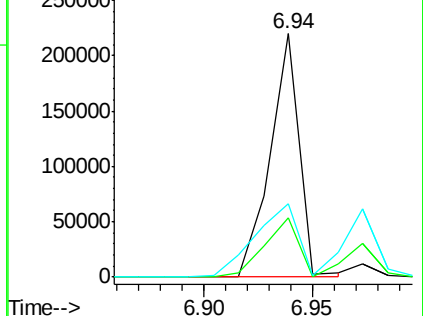
66 30.3 0.8 40.8

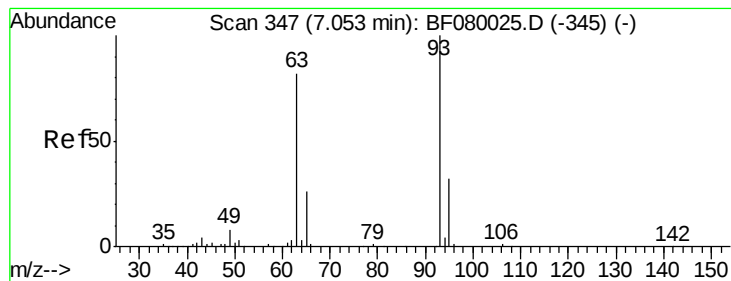


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

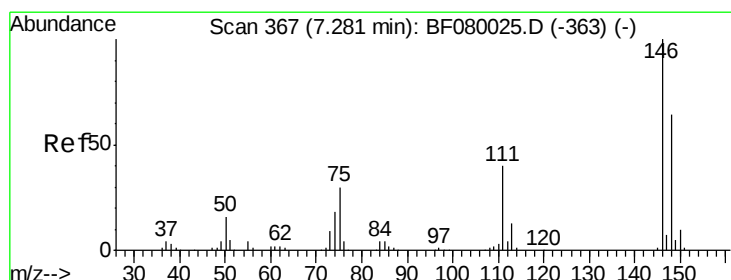
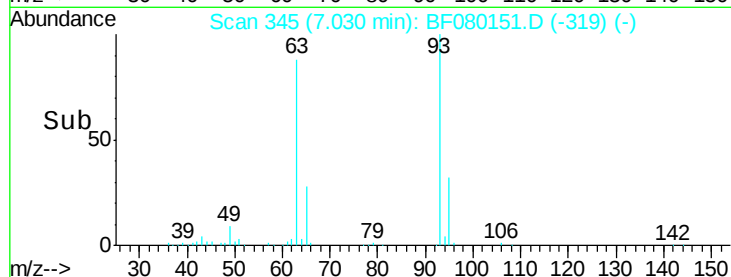
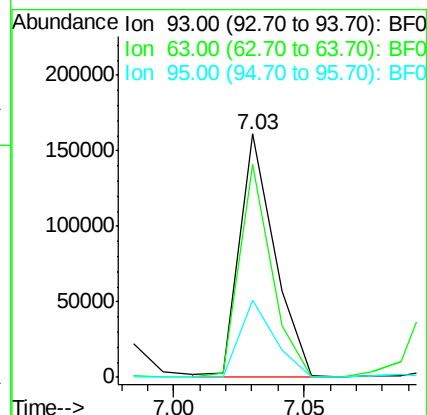
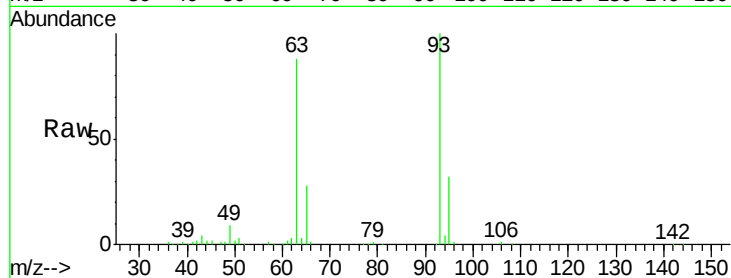




#11
bis(2-Chloroethyl)ether
Concen: 42.04 ng
RT: 7.03 min Scan# 345
Delta R.T. 0.00 min
Lab File: BF080151.D
Acq: 25 Jun 2015 2:37

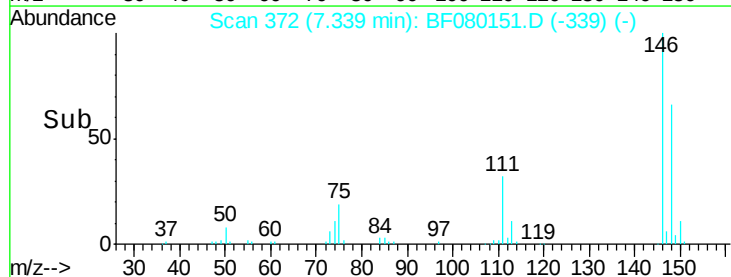
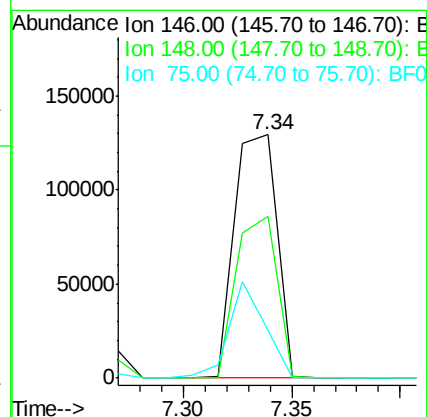
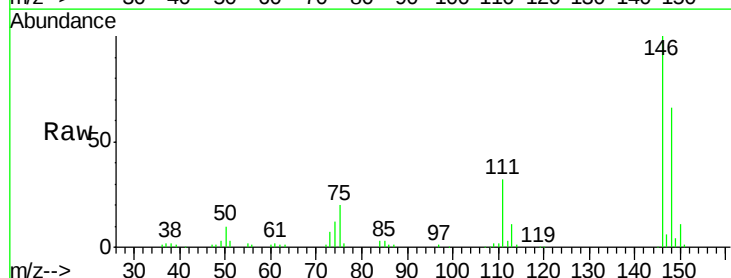
Instrument :
BNA_F
ClientSampleId :
SB-76(11-13)MS

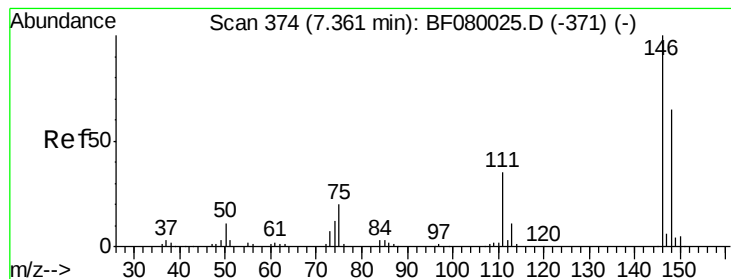
Tgt Ion: 93 Resp: 152571
Ion Ratio Lower Upper
93 100
63 87.7 65.6 105.6
95 31.9 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 40.13 ng
RT: 7.34 min Scan# 372
Delta R.T. 0.08 min
Lab File: BF080151.D
Acq: 25 Jun 2015 2:37

Tgt Ion: 146 Resp: 175488
Ion Ratio Lower Upper
146 100
148 66.5 51.0 76.4
75 19.8 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

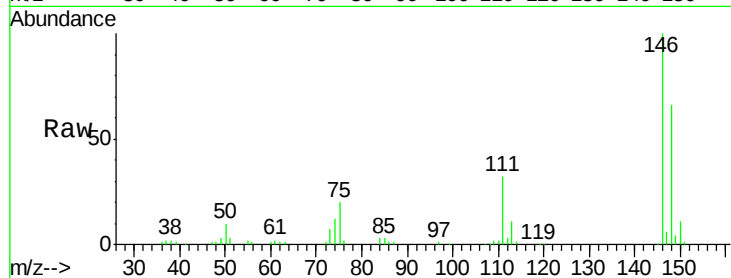
Tgt Ion:146 Resp: 175488

Ion Ratio Lower Upper

146 100

148 66.5 51.8 77.6

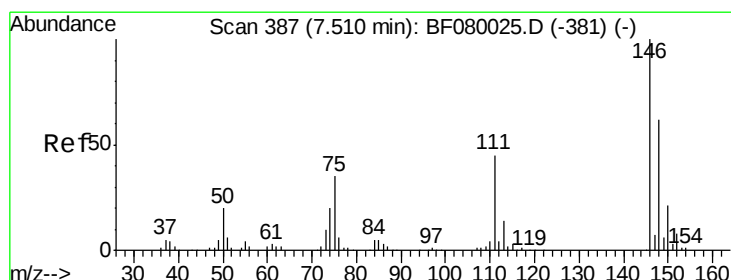
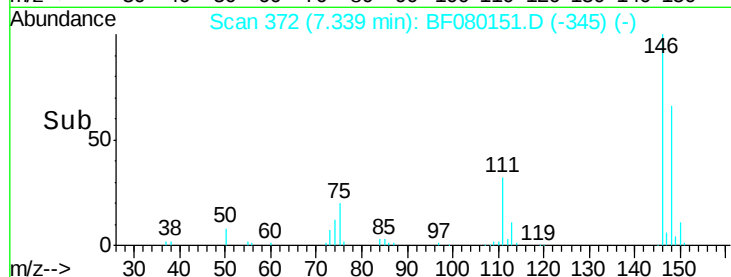
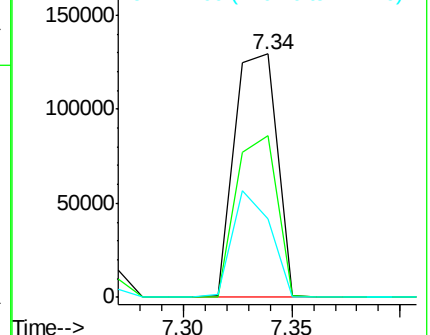
111 32.1 24.9 37.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.36 ng

RT: 7.34 min Scan# 372

Delta R.T. -0.15 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

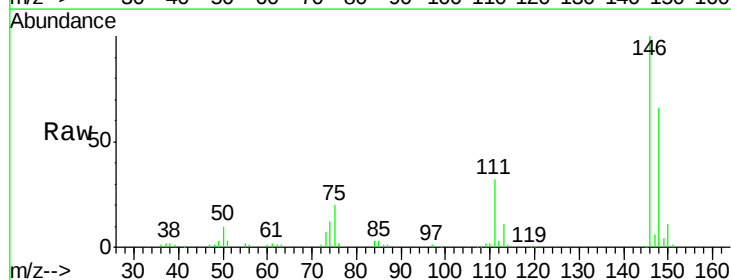
Tgt Ion:146 Resp: 175488

Ion Ratio Lower Upper

146 100

148 66.5 52.7 79.1

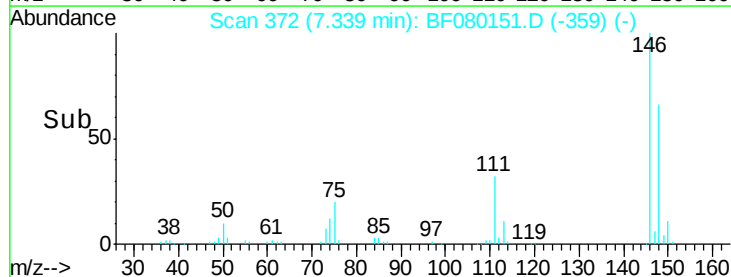
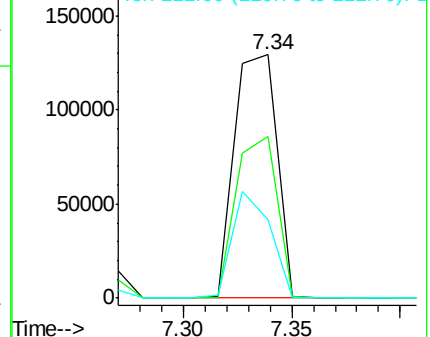
111 32.1 28.8 43.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 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

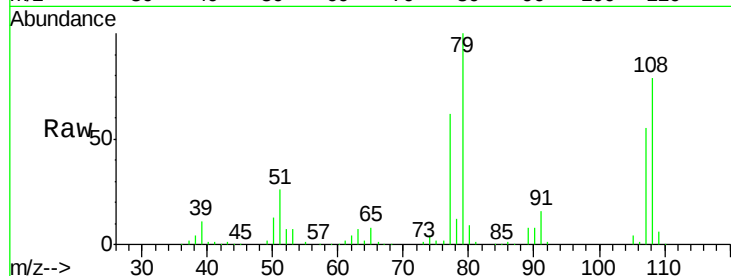
Tgt Ion: 79 Resp: 157073

Ion Ratio Lower Upper

79 100

108 79.0 88.6 132.8#

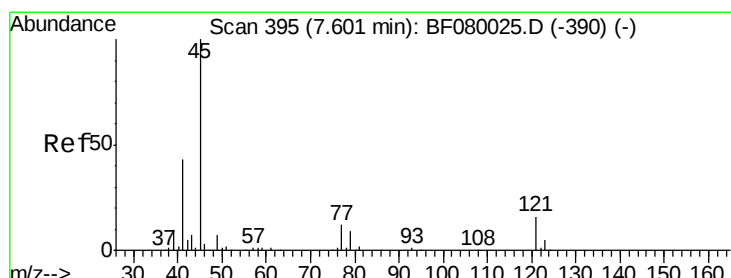
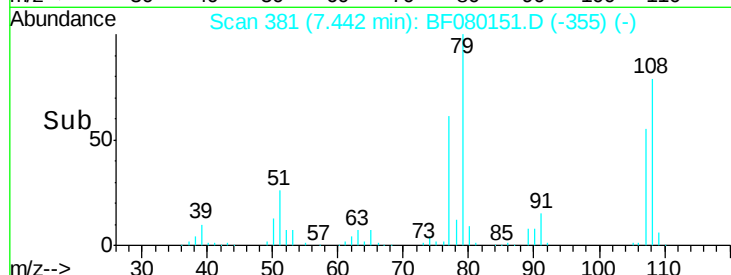
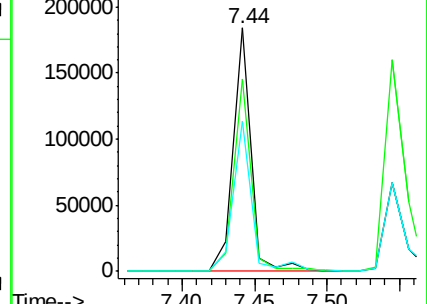
77 61.8 47.0 70.4



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

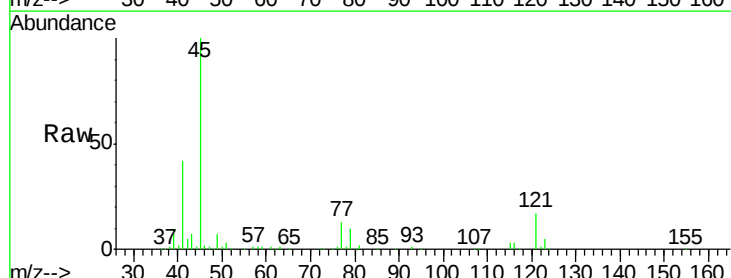
Tgt Ion: 45 Resp: 240847

Ion Ratio Lower Upper

45 100

77 13.0 0.0 28.1

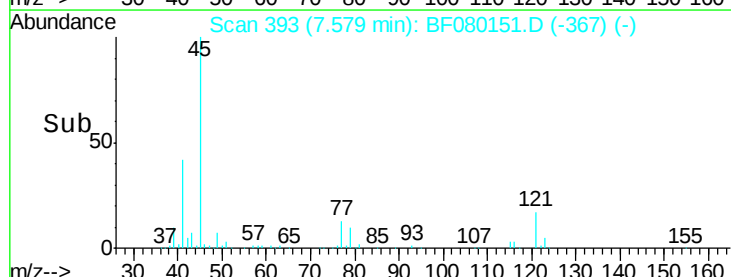
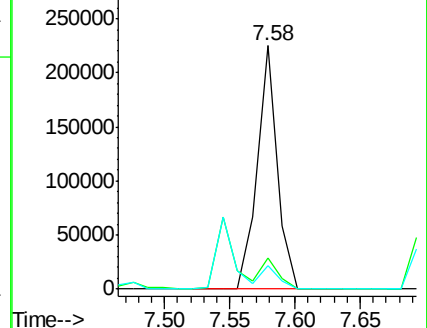
79 9.7 0.0 26.0

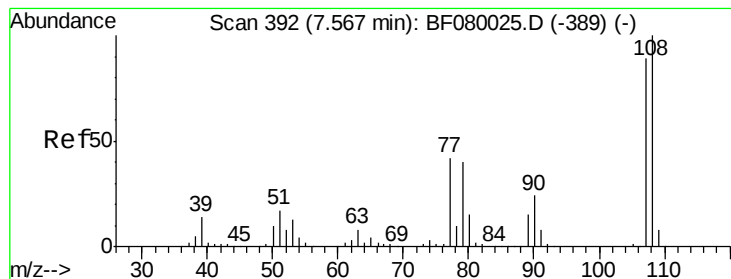


Abundance Ion 45.00 (44.70 to 45.70): BF0

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

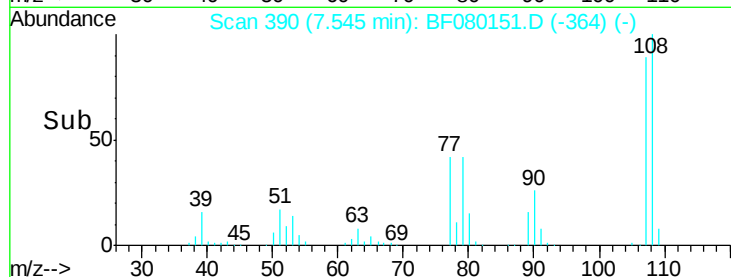
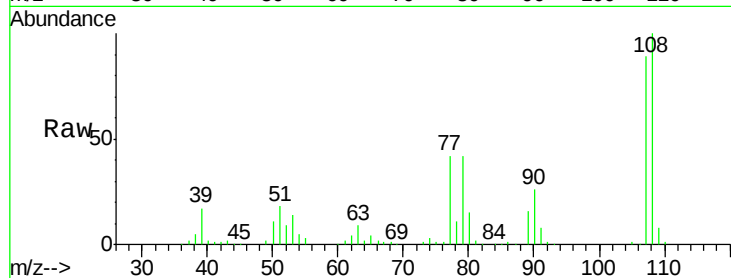
Ion Ratio Lower Upper

107 100

108 112.7 96.6 145.0

77 47.1 23.3 34.9#

79 47.1 22.0 33.0#

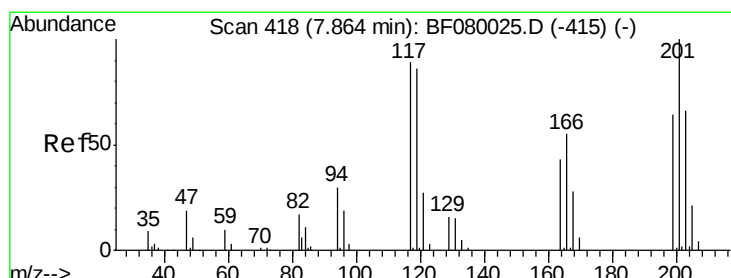
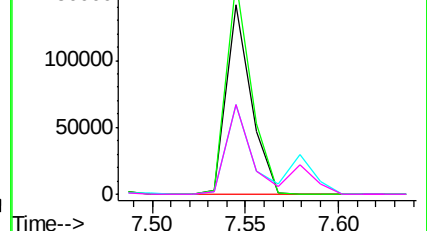


Abundance Ion 107.00 (106.70 to 107.70): E

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



#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

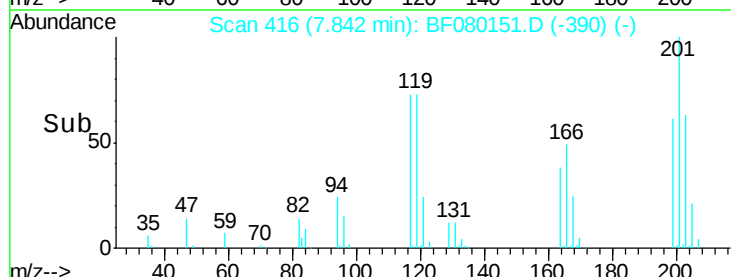
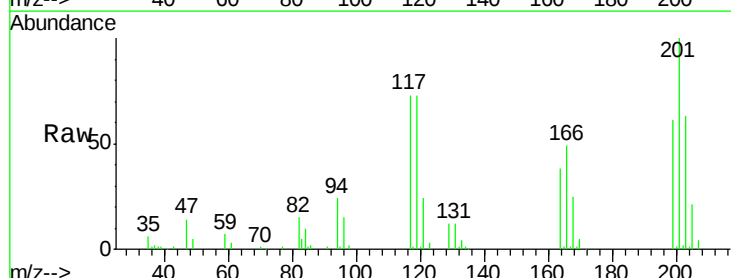
Tgt Ion:117 Resp: 57933

Ion Ratio Lower Upper

117 100

119 99.1 83.8 125.6

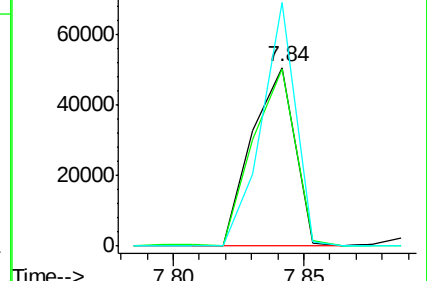
201 136.2 55.1 82.7#

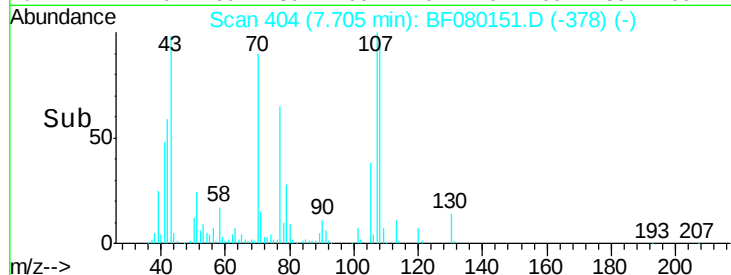
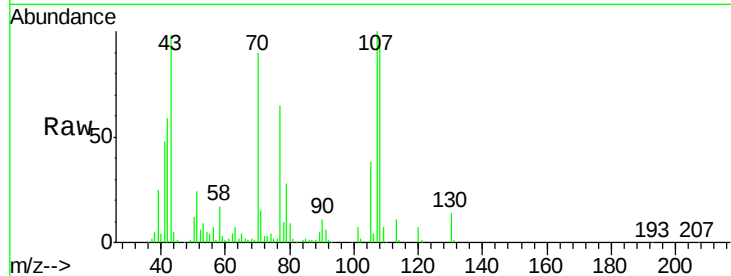


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

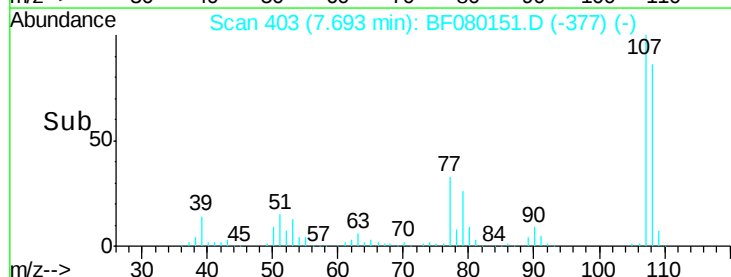
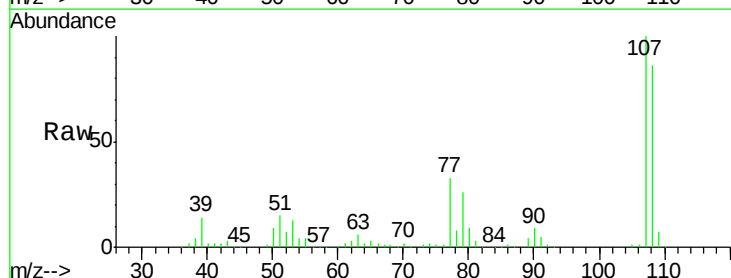
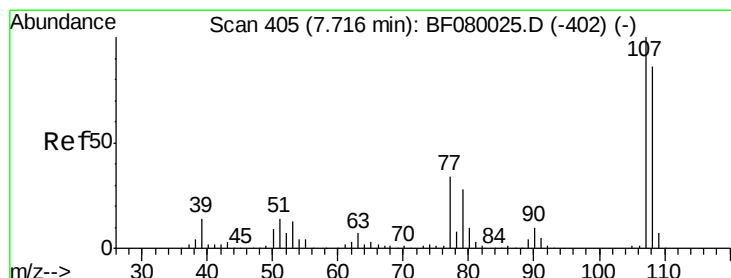
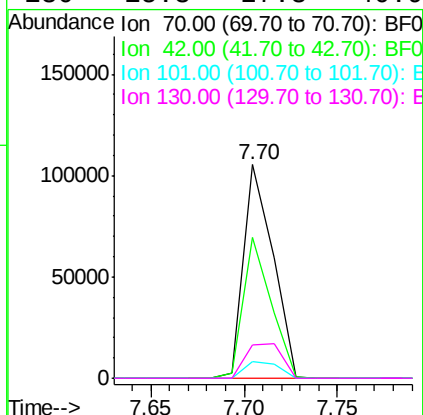




#19
n-Nitroso-di-n-propylamine
Concen: 39.52 ng
RT: 7.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF080151.D
Acq: 25 Jun 2015 2:37

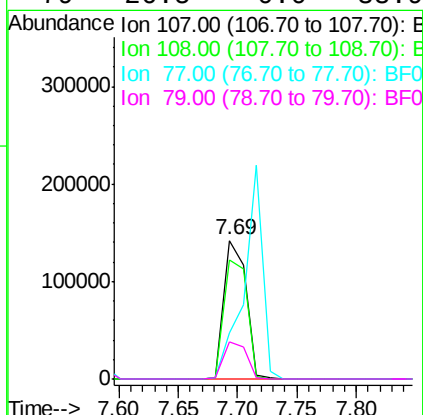
Instrument :
BNA_F
ClientSampleId :
SB-76(11-13)MS

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

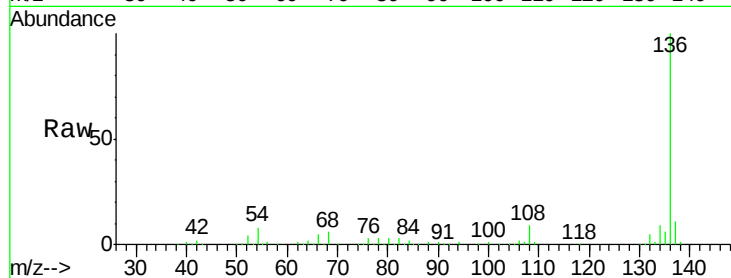




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.61 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF080151.D
Acq: 25 Jun 2015 2:37

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



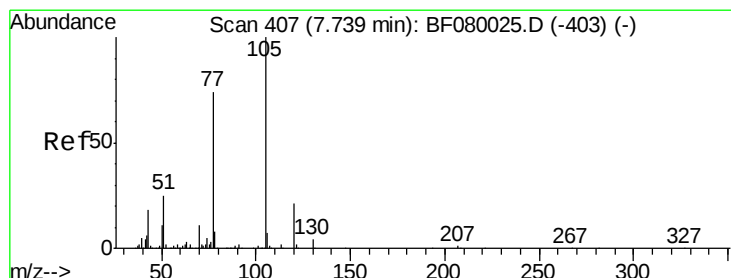
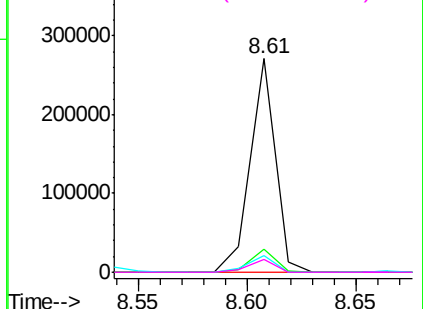
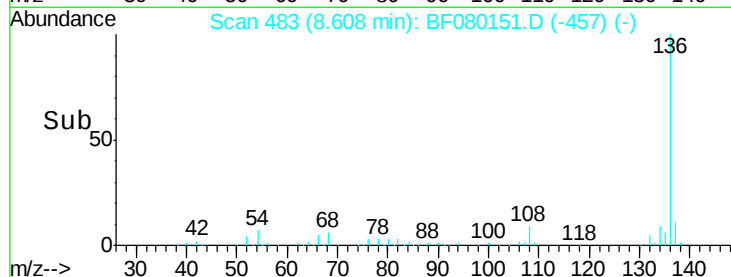
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

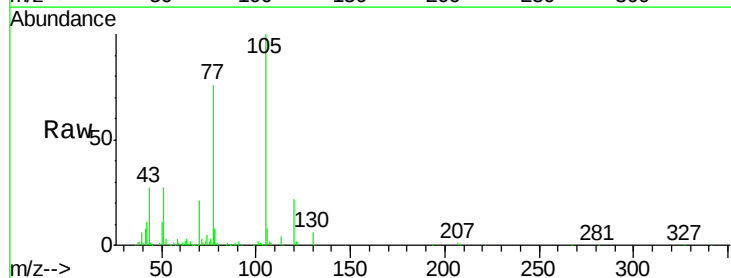
Ion 54.00 (53.70 to 54.70): BF0

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#



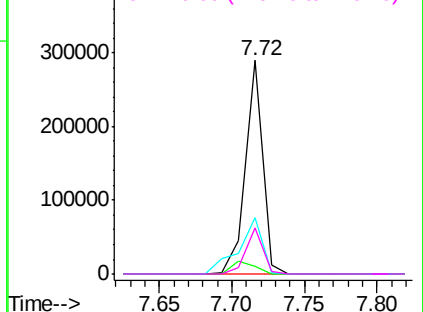
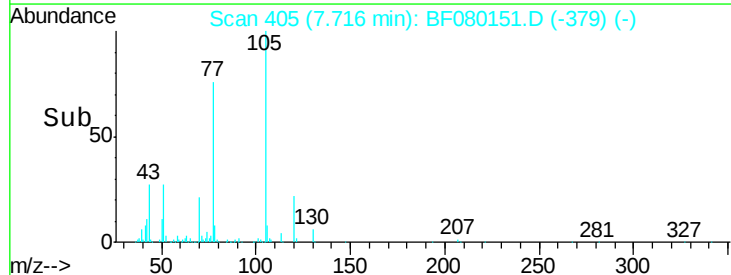
Abundance

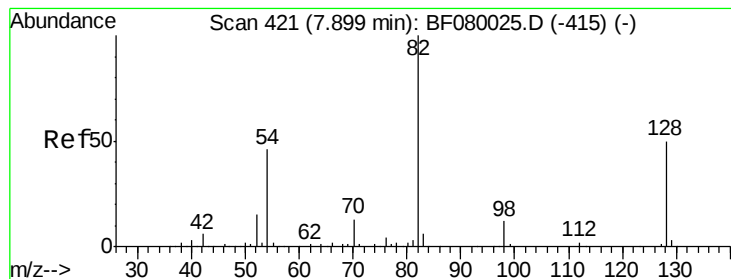
Ion 105.00 (104.70 to 105.70): E

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

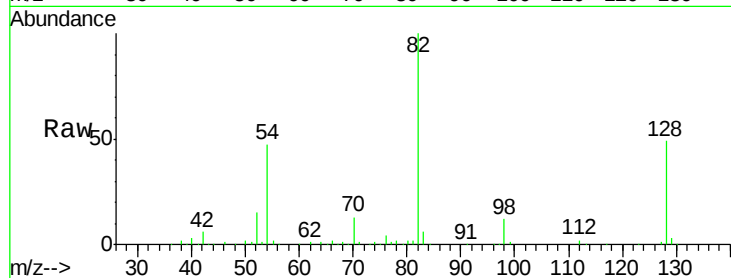
Tgt Ion: 82 Resp: 359780

Ion Ratio Lower Upper

82 100

128 48.7 51.0 76.6#

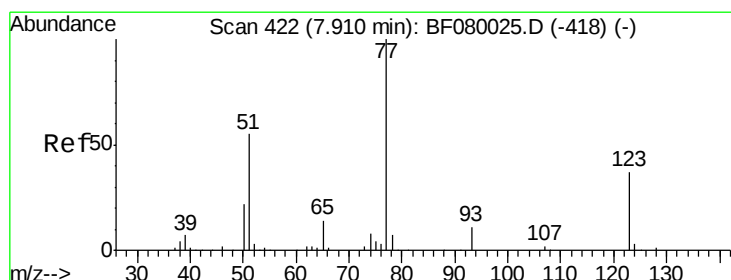
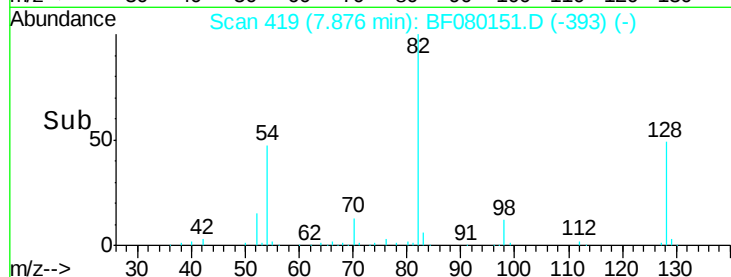
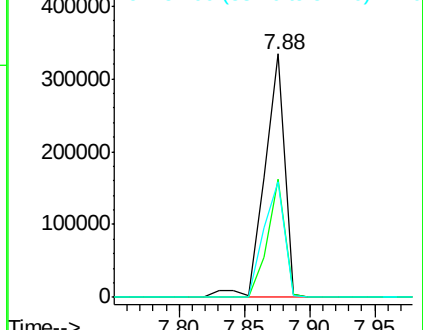
54 47.4 47.5 71.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 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

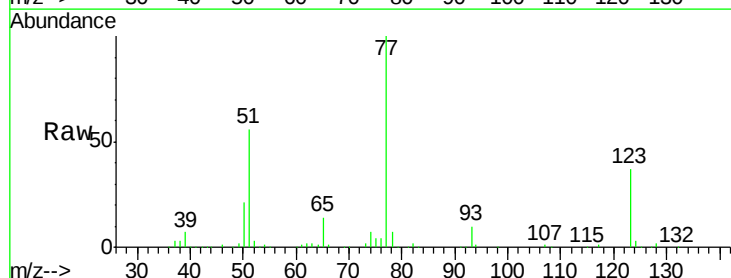
Tgt Ion: 77 Resp: 170875

Ion Ratio Lower Upper

77 100

123 36.9 59.8 89.8#

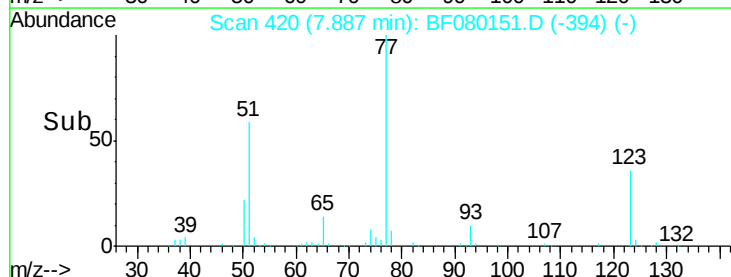
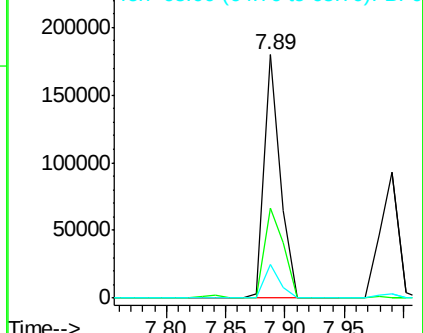
65 13.7 10.2 15.4

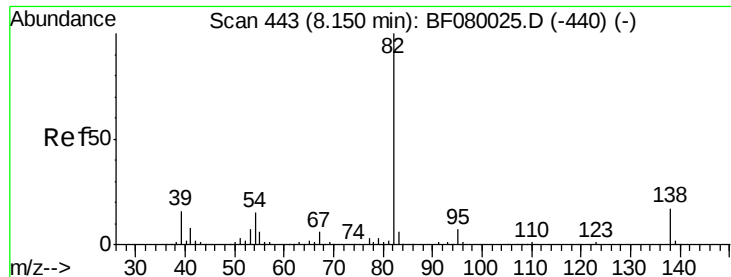


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 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

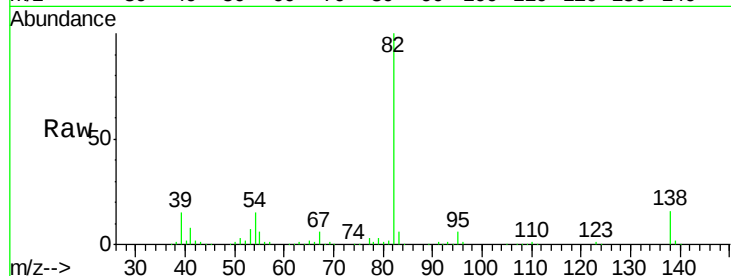
Tgt Ion: 82 Resp: 337845

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

8.13

400000

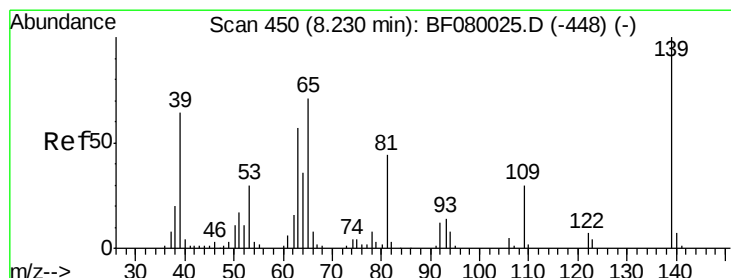
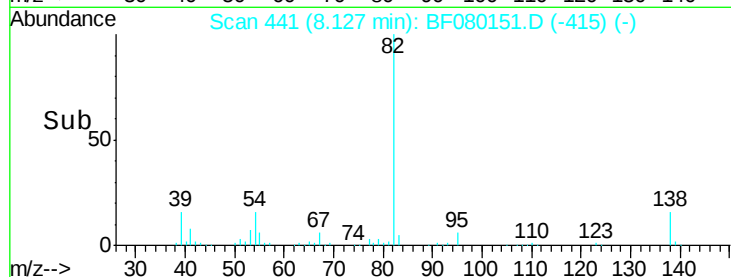
300000

200000

100000

0

Time-->



#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

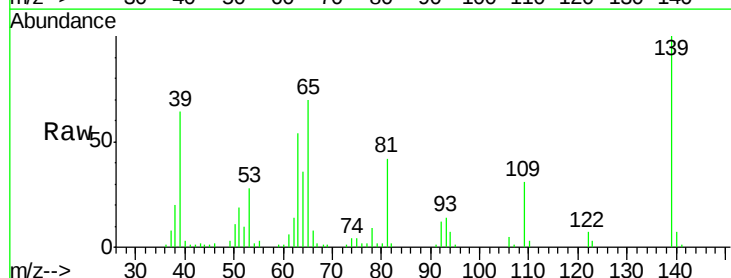
Tgt Ion: 139 Resp: 80260

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

8.21

80000

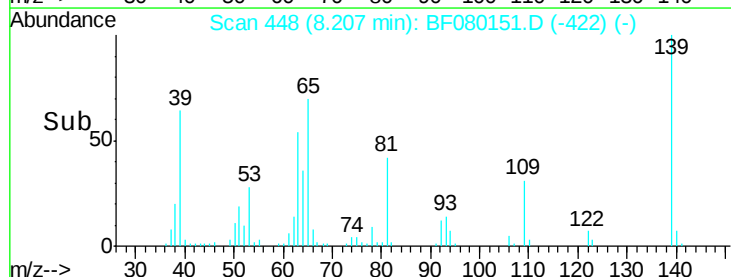
60000

40000

20000

0

Time-->





#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

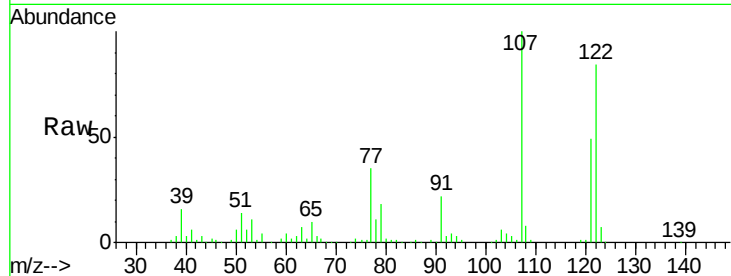
Tgt Ion:122 Resp: 148125

Ion Ratio Lower Upper

122 100

107 118.6 71.8 107.6#

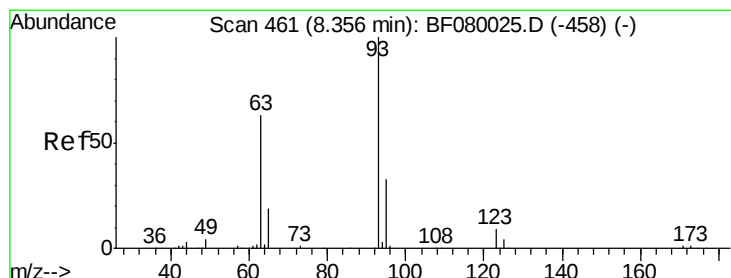
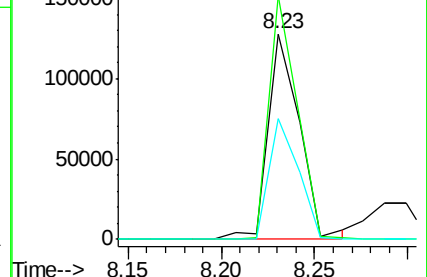
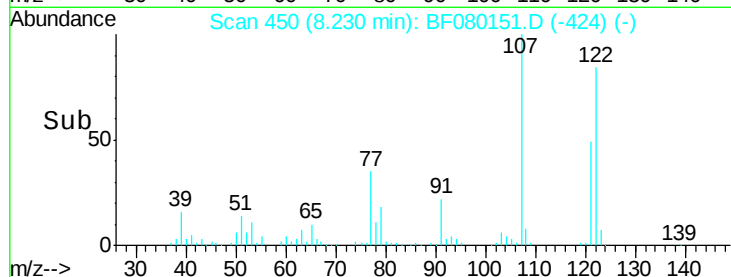
121 58.6 42.3 63.5



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

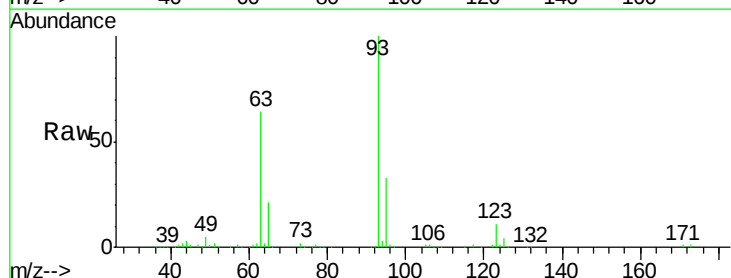
Tgt Ion: 93 Resp: 217566

Ion Ratio Lower Upper

93 100

95 32.8 27.5 41.3

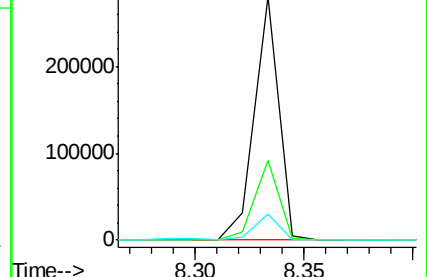
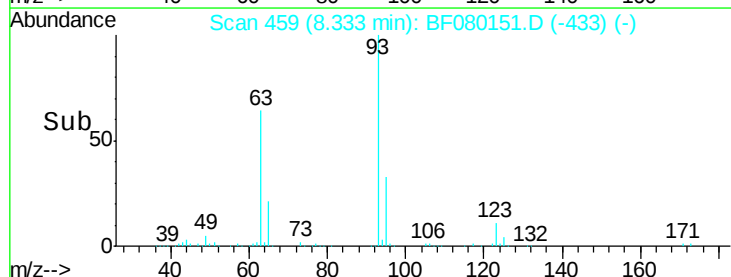
123 10.9 13.7 20.5#

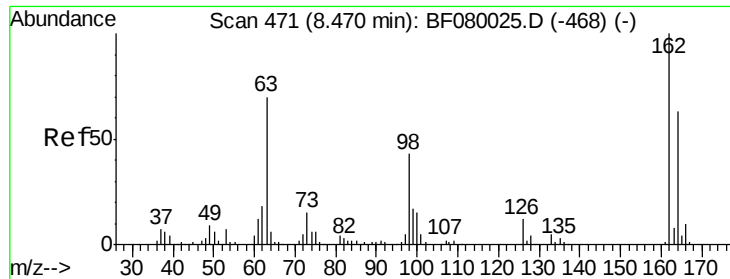


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

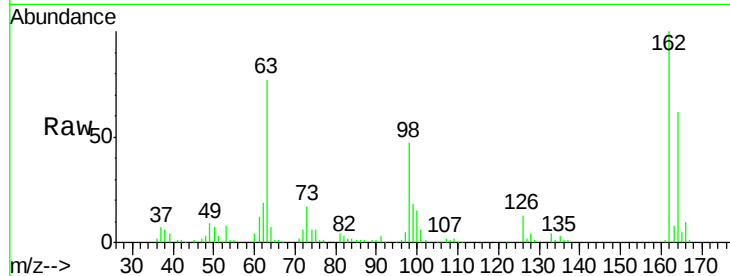




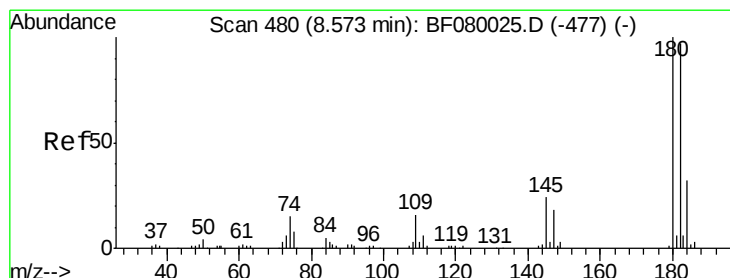
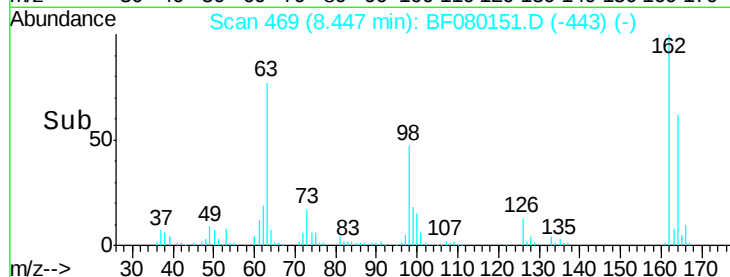
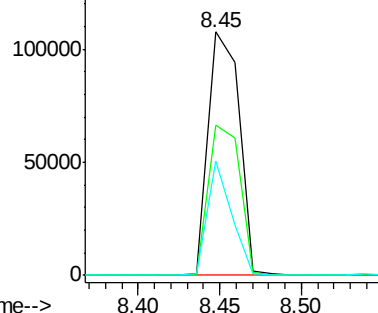
#29
2,4-Dichlorophenol
Concen: 48.84 ng
RT: 8.45 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF080151.D
Acq: 25 Jun 2015 2:37

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

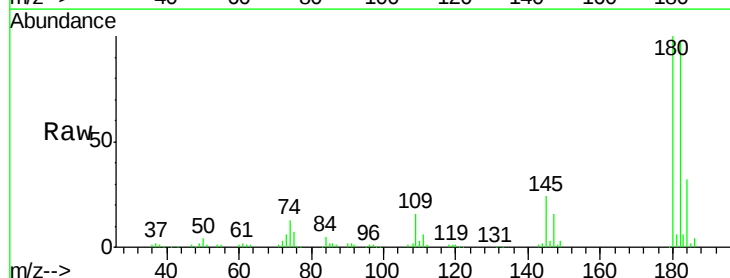


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

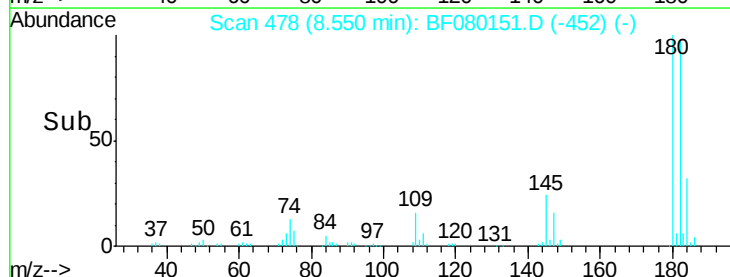
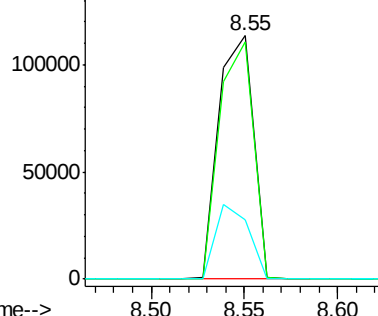


#30
1,2,4-Trichlorobenzene
Concen: 44.80 ng
RT: 8.55 min Scan# 478
Delta R.T. 0.00 min
Lab File: BF080151.D
Acq: 25 Jun 2015 2:37

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

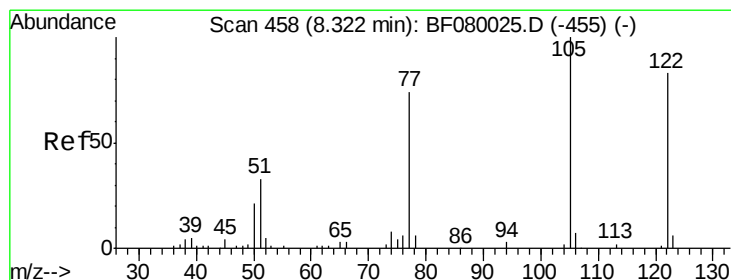
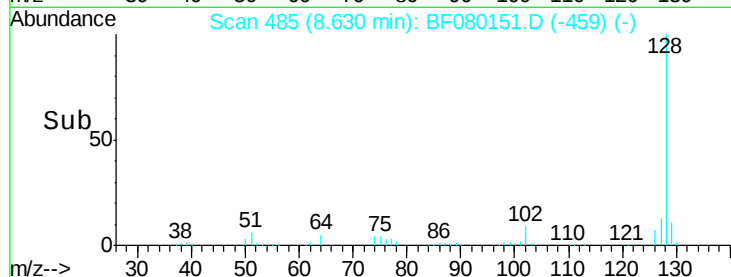
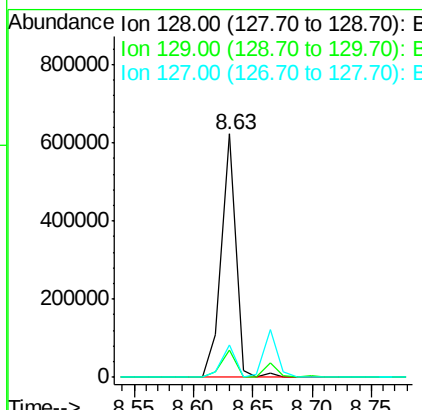
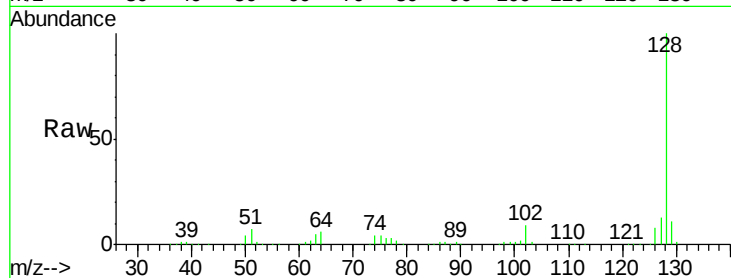




#31
Naphthalene
Concen: 46.02 ng
RT: 8.63 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF080151.D
Acq: 25 Jun 2015 2:37

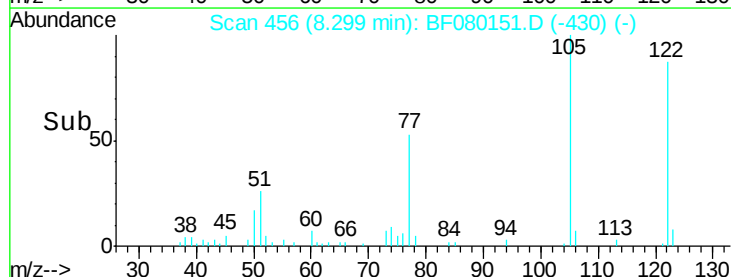
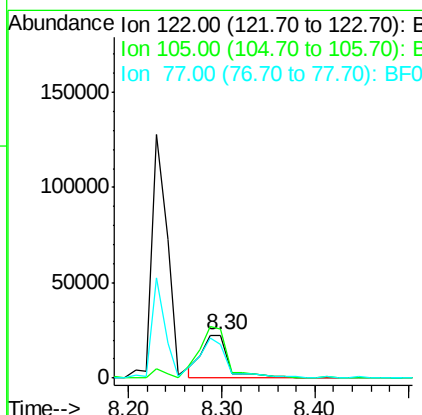
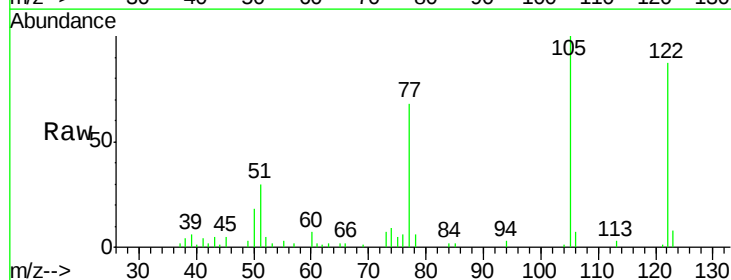
Instrument :
BNA_F
ClientSampleId :
SB-76(11-13)MS

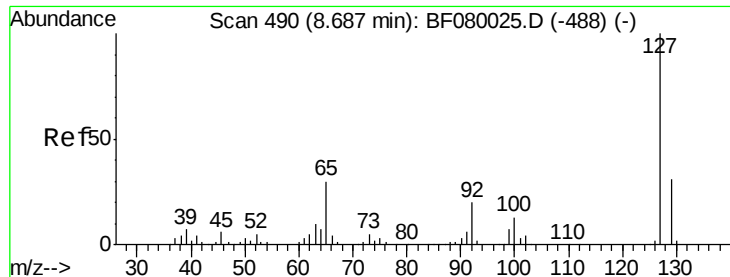
Tgt Ion:128 Resp: 522369
Ion Ratio Lower Upper
128 100
129 11.3 8.4 12.6
127 13.3 9.9 14.9



#32
Benzoic acid
Concen: 22.82 ng
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: 46356
Ion Ratio Lower Upper
122 100
105 114.4 76.1 116.1
77 78.4 40.5 80.5

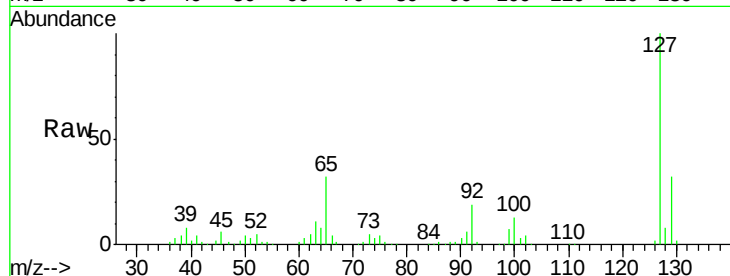




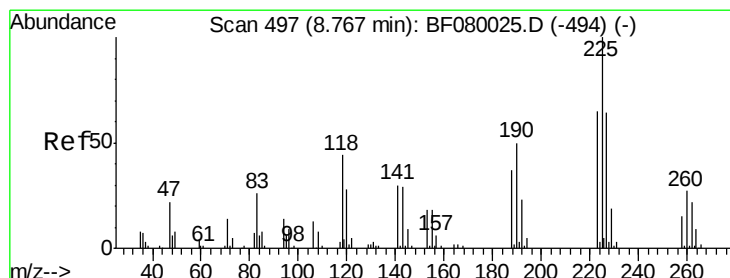
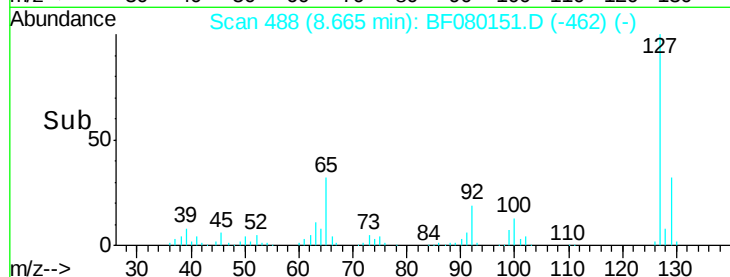
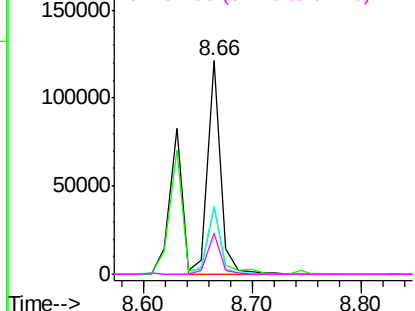
#33
4-Chloroaniline
Concen: 21.09 ng
RT: 8.66 min Scan# 488
Delta R.T. 0.00 min
Lab File: BF080151.D
Acq: 25 Jun 2015 2:37

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

Tgt Ion:127 Resp: 102433
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#

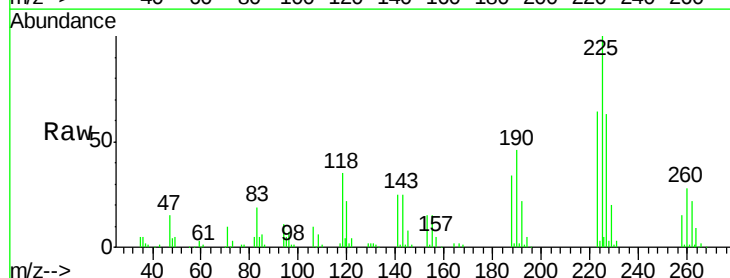


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

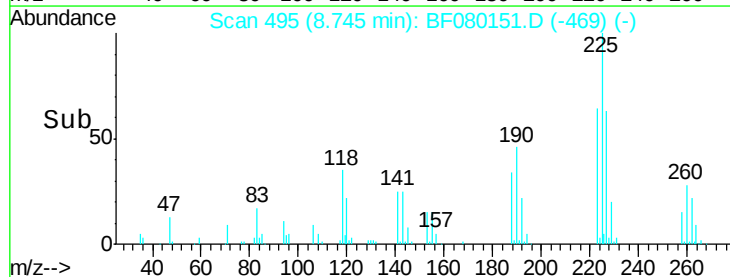
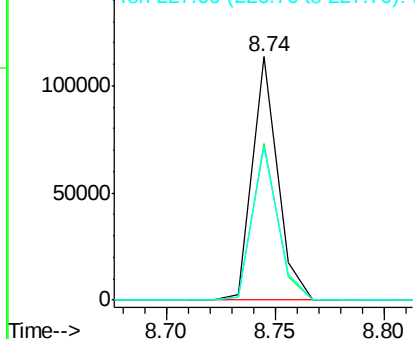


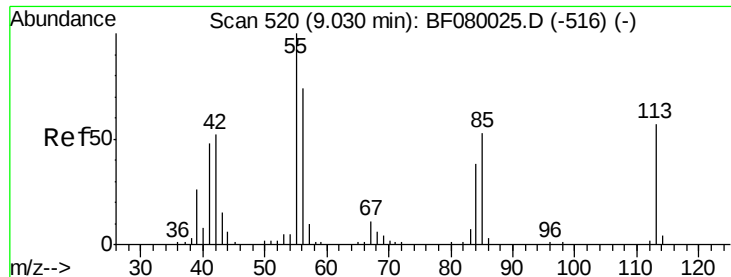
#34
Hexachlorobutadiene
Concen: 45.55 ng
RT: 8.74 min Scan# 495
Delta R.T. 0.00 min
Lab File: BF080151.D
Acq: 25 Jun 2015 2:37

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

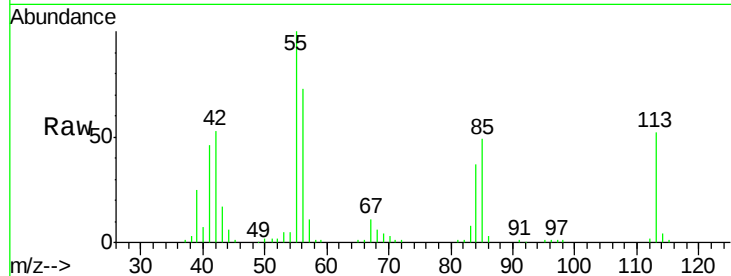




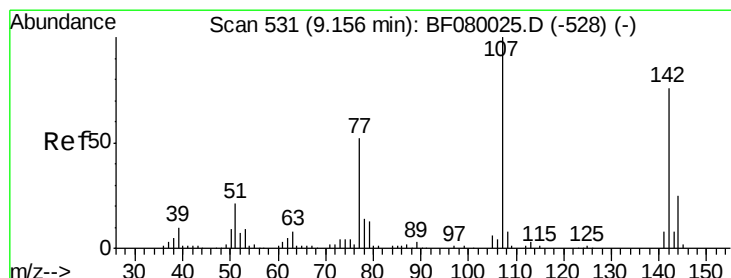
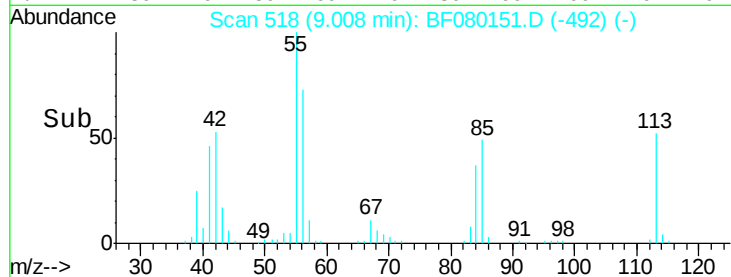
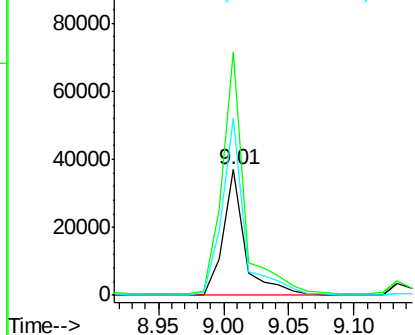
#35
 Caprolactam
 Concen: 46.02 ng
 RT: 9.01 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

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

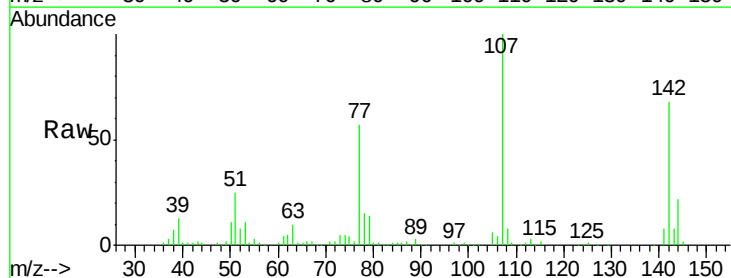


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

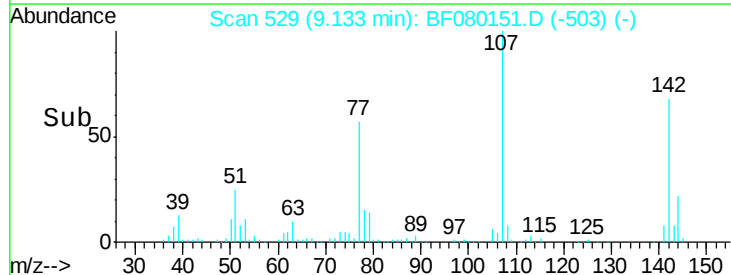
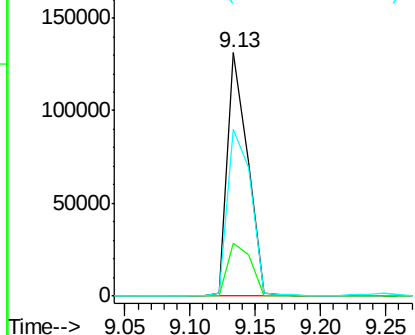


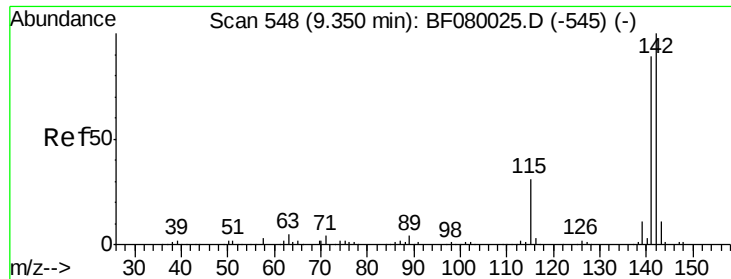
#36
 4-Chloro-3-methylphenol
 Concen: 43.85 ng
 RT: 9.13 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

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#



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

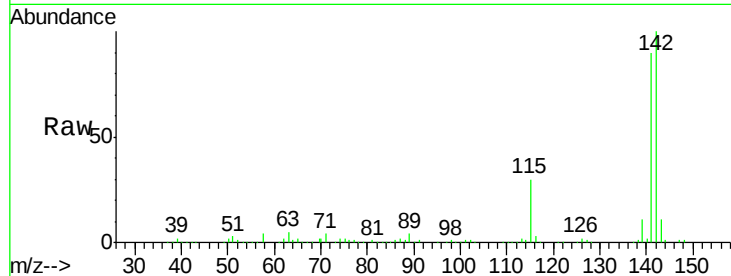




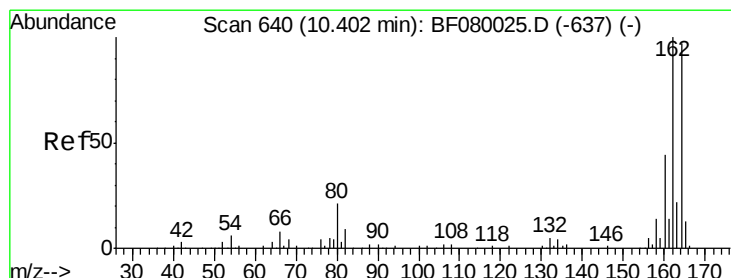
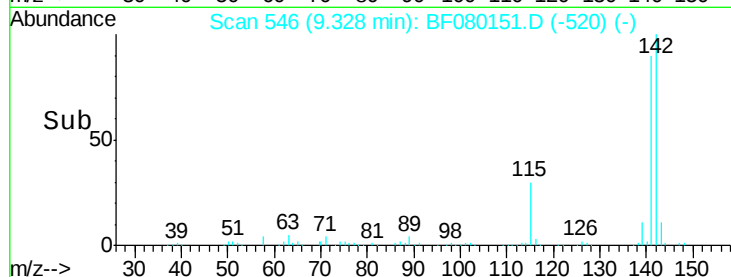
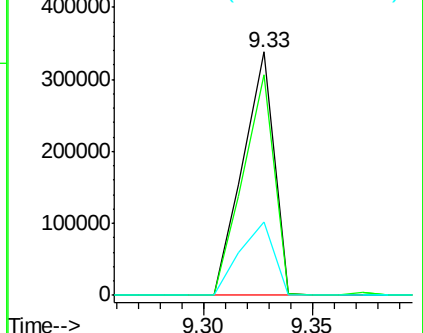
#37
 2-Methylnaphthalene
 Concen: 46.36 ng
 RT: 9.33 min Scan# 546
 Delta R.T. 0.00 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

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#

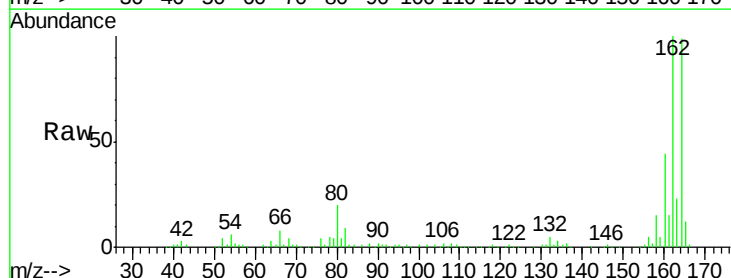


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

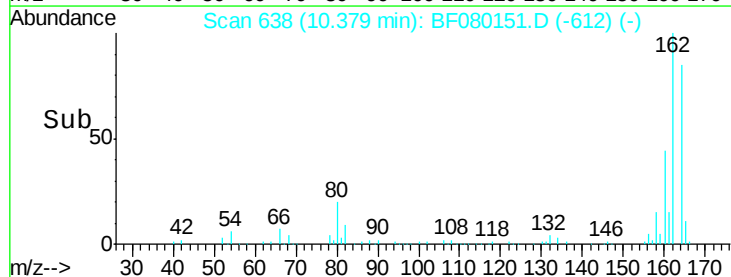
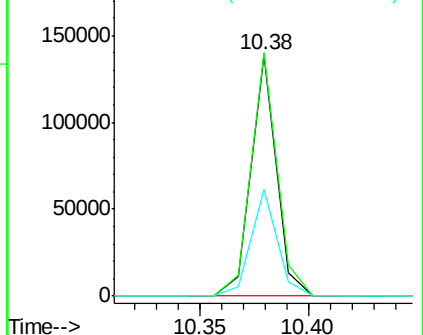


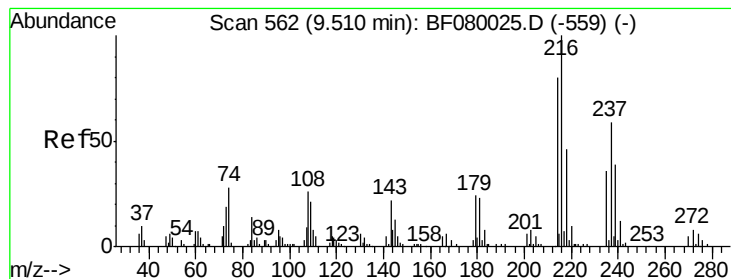
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.38 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

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

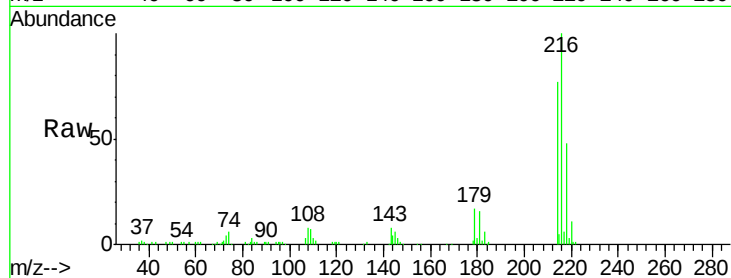
Ion Ratio Lower Upper

216 100

214 79.1 63.5 95.3

179 20.9 16.6 24.8

108 18.7 16.3 24.5

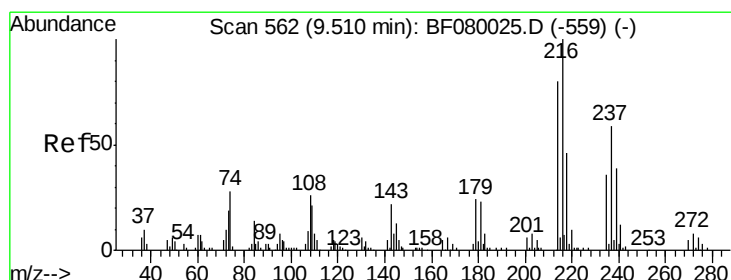
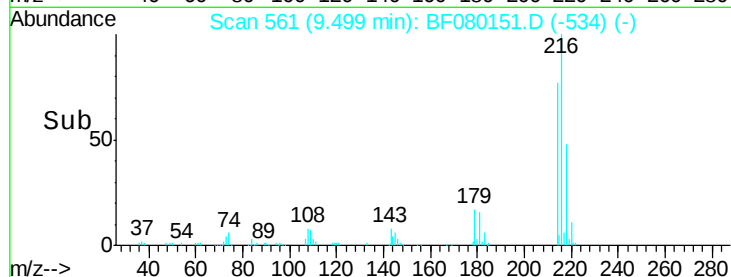
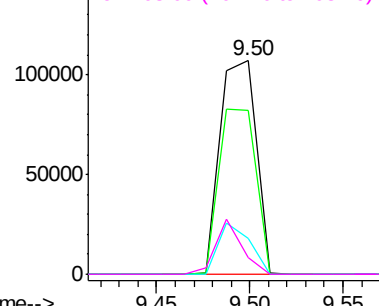


Abundance Ion 216.00 (215.70 to 216.70): E

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

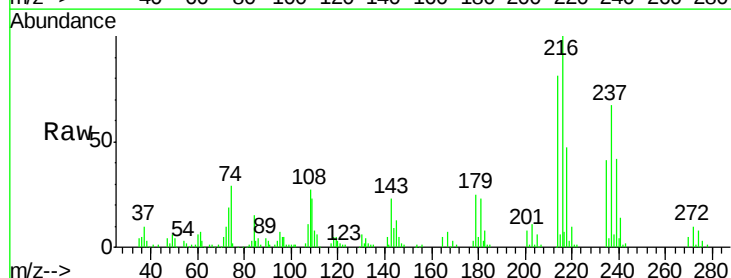
Tgt Ion:237 Resp: 77314

Ion Ratio Lower Upper

237 100

235 60.2 42.0 82.0

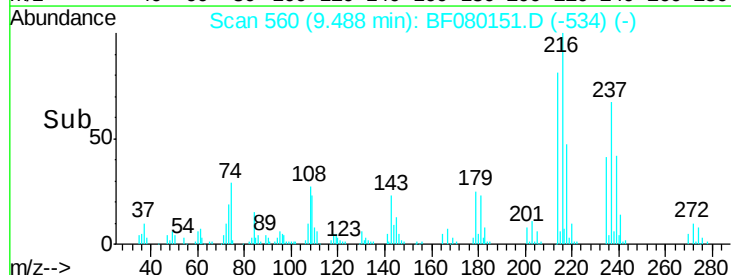
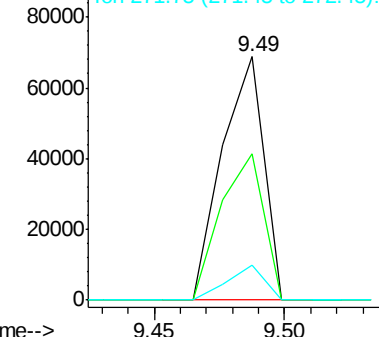
272 14.3 0.0 36.1



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

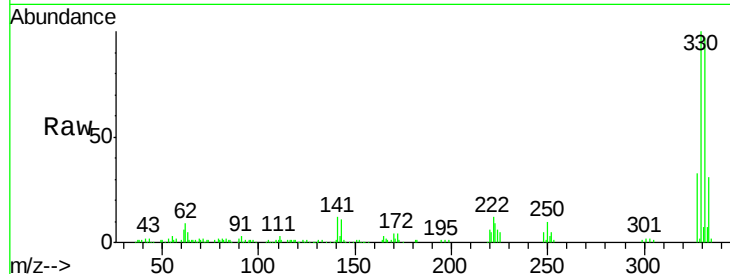




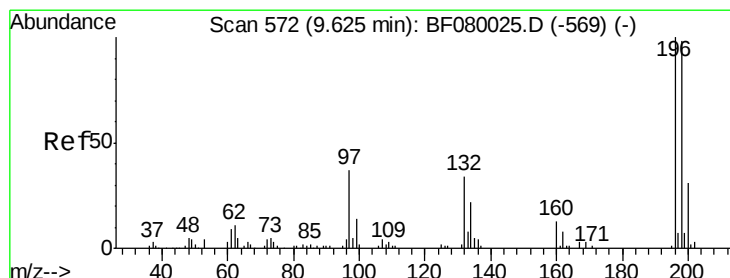
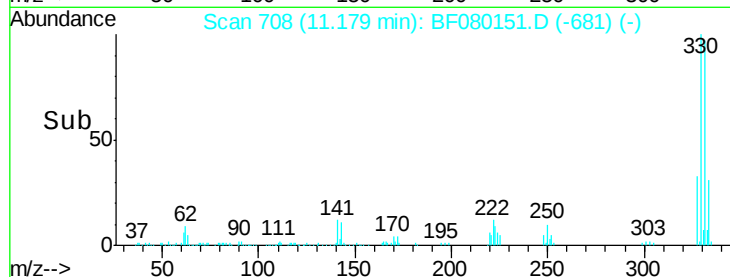
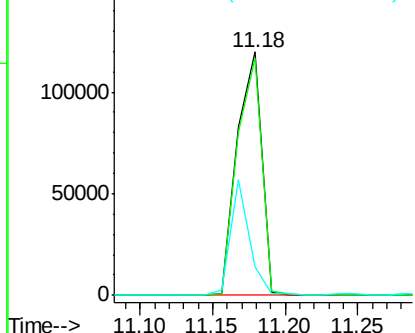
#41
 2,4,6-Tribromophenol
 Concen: 128.61 ng
 RT: 11.18 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

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

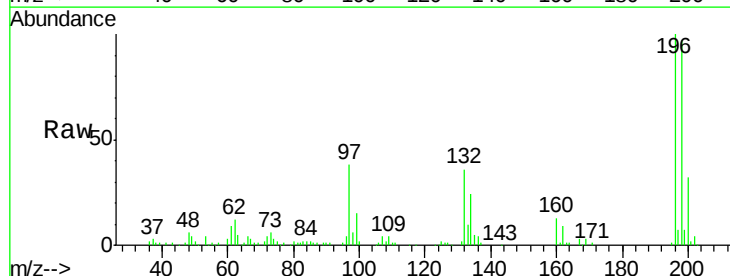


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

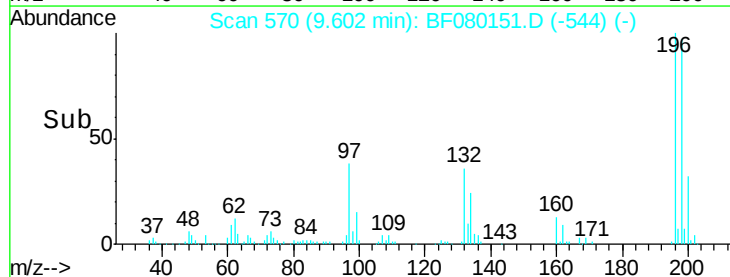
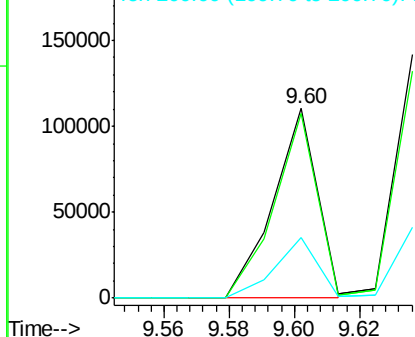


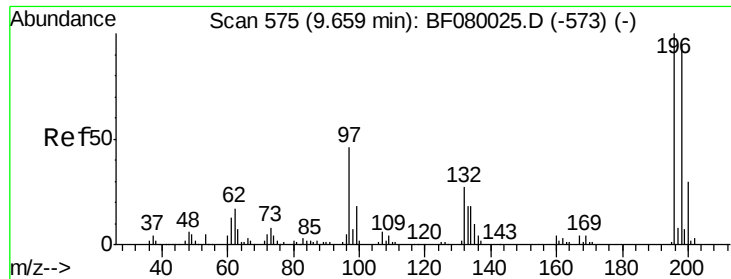
#42
 2,4,6-Trichlorophenol
 Concen: 46.58 ng
 RT: 9.60 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

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

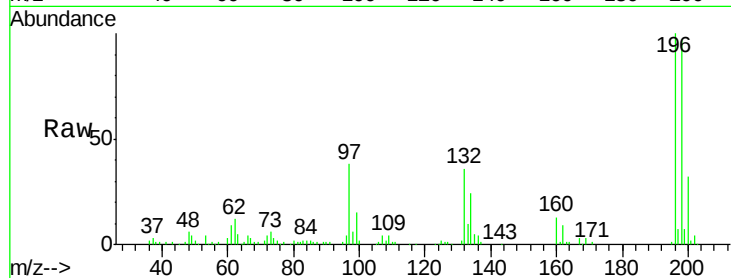




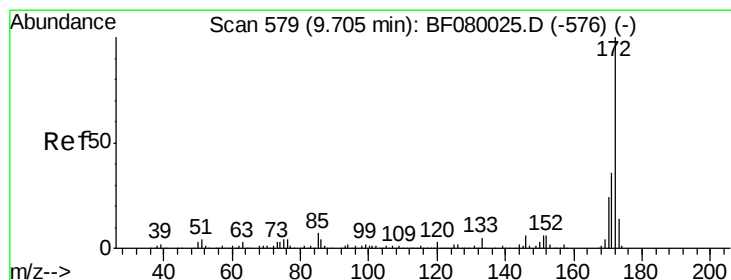
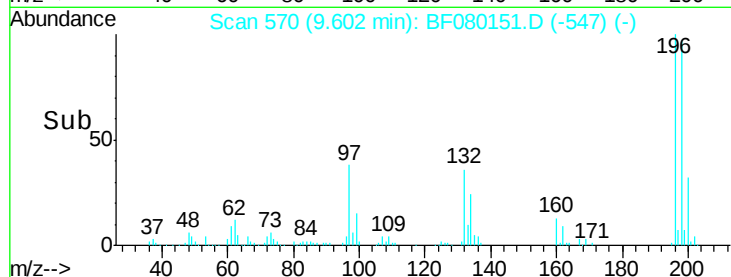
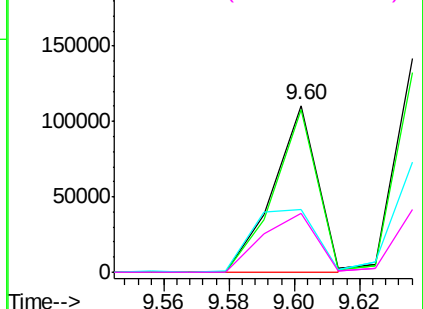
#43
 2,4,5-Trichlorophenol
 Concen: 40.43 ng
 RT: 9.60 min Scan# 570
 Delta R.T. -0.03 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

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

Tgt Ion:	196	Resp:	103625
Ion	Ratio	Lower	Upper
196	100		
198	97.3	75.4	113.0
97	37.9	33.3	49.9
132	35.7	24.6	37.0

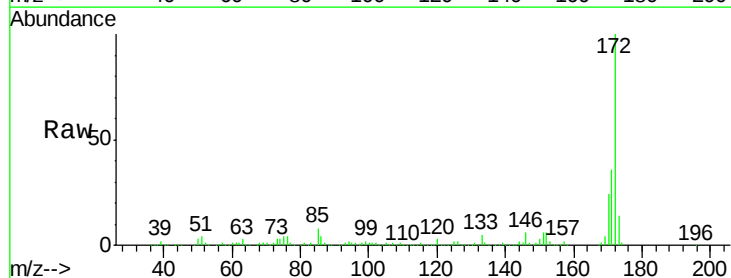


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

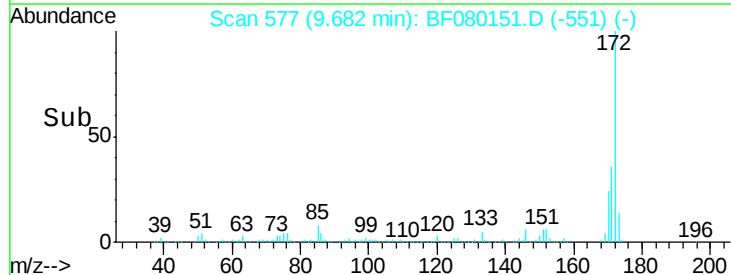
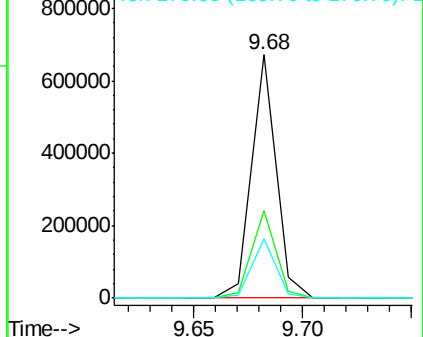


#44
 2-Fluorobiphenyl
 Concen: 66.87 ng
 RT: 9.68 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

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

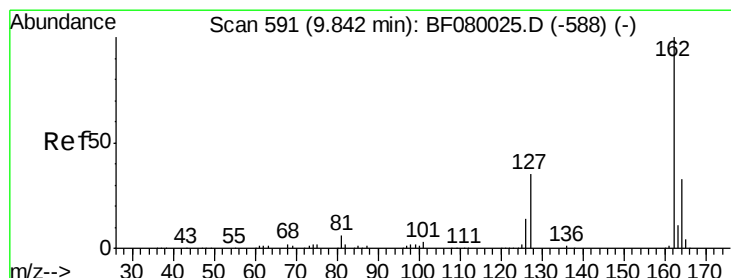
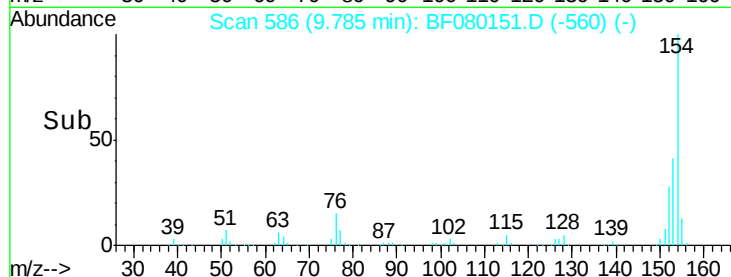
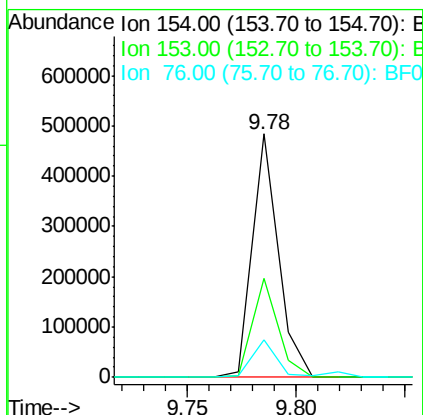
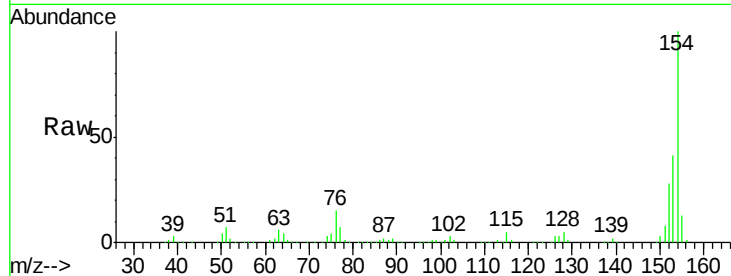




#45
 1,1'-Biphenyl
 Concen: 43.88 ng
 RT: 9.78 min Scan# 586
 Delta R.T. 0.00 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

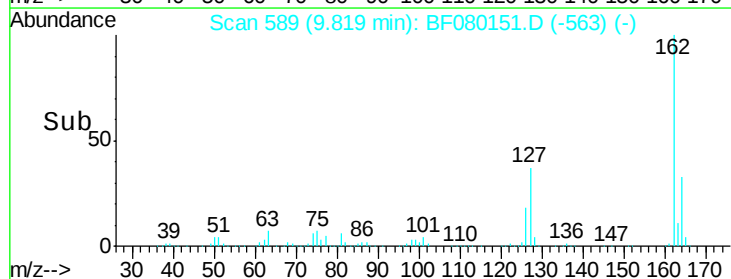
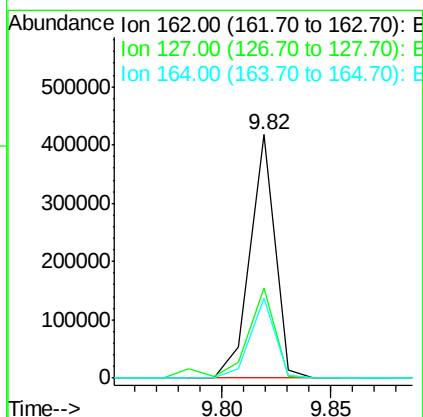
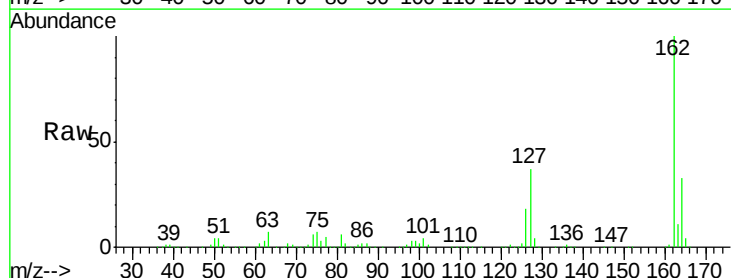
Instrument :
 BNA_F
 ClientSampleId :
 SB-76(11-13)MS

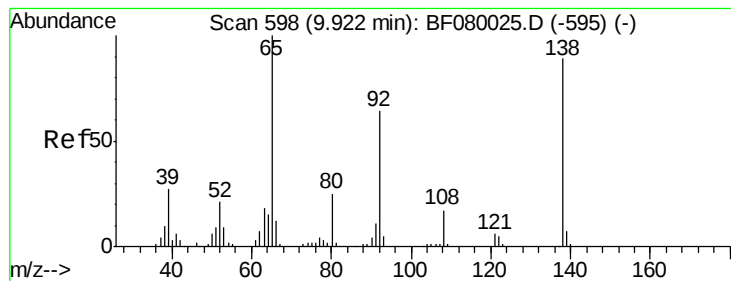
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	17.1	57.1
76	15.4	0.0	31.6



#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

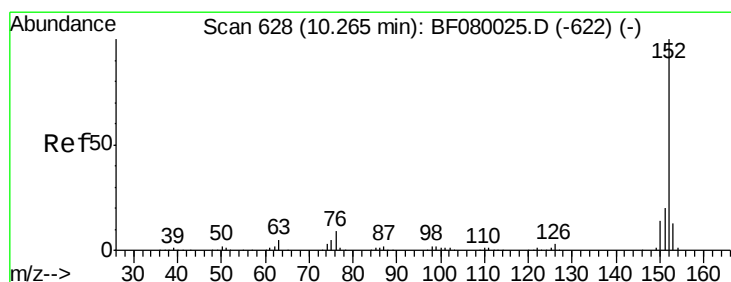
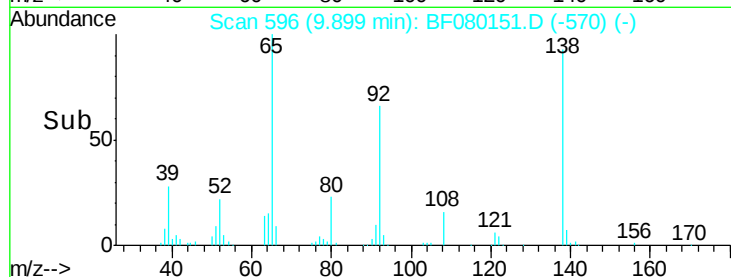
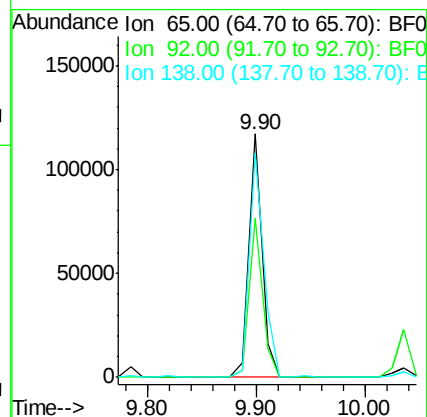
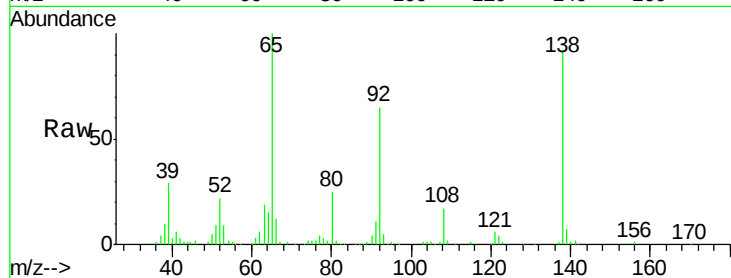
Tgt Ion: 65 Resp: 97164

Ion Ratio Lower Upper

65 100

92 65.2 55.4 83.0

138 92.0 115.5 173.3#



#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

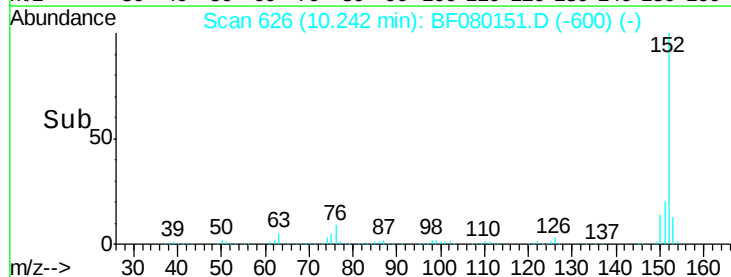
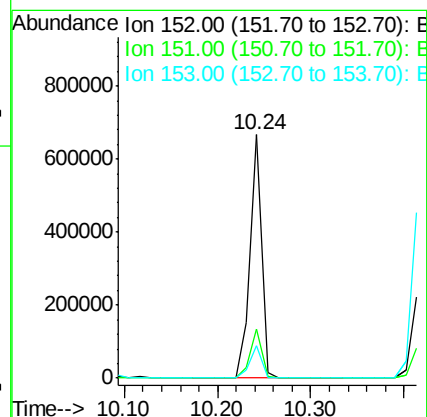
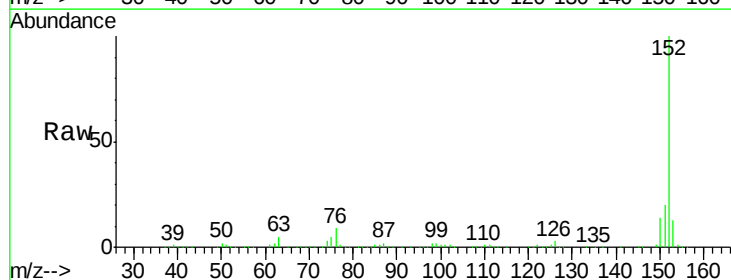
Tgt Ion: 152 Resp: 576801

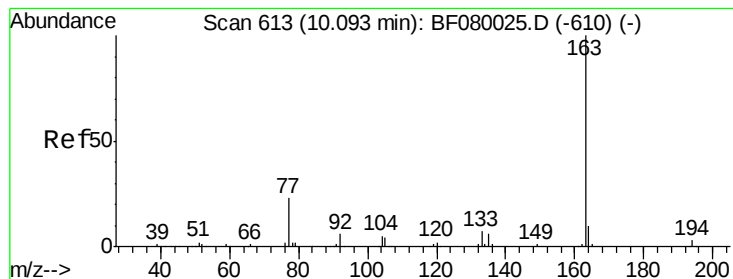
Ion Ratio Lower Upper

152 100

151 20.2 14.6 22.0

153 13.1 10.3 15.5





#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

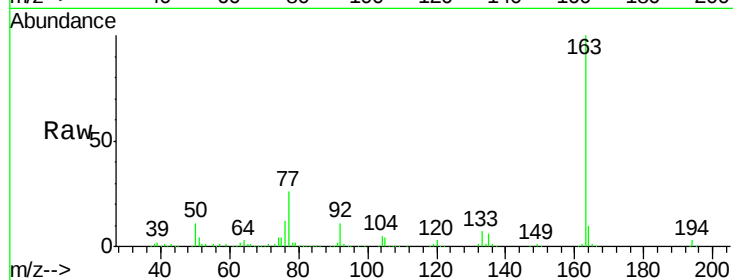
Tgt Ion:163 Resp: 420837

Ion Ratio Lower Upper

163 100

194 3.2 4.4 6.6#

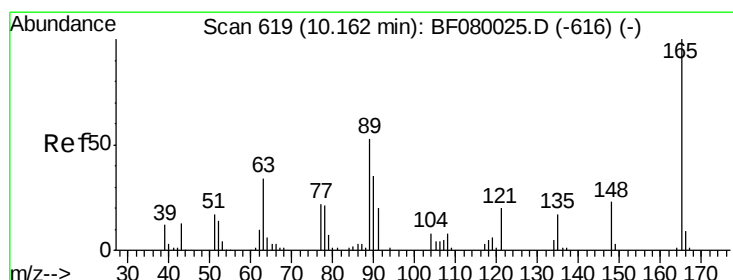
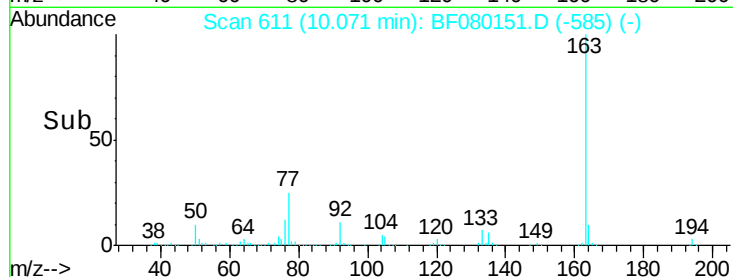
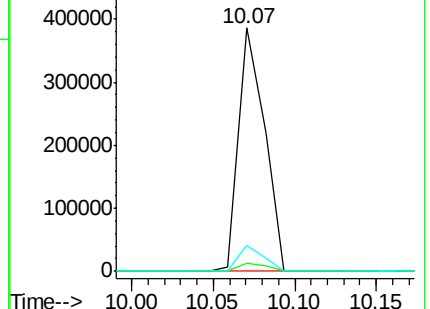
164 10.5 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#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

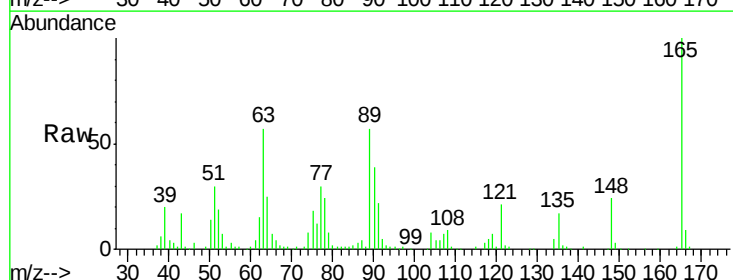
Tgt Ion:165 Resp: 80780

Ion Ratio Lower Upper

165 100

63 56.7 32.3 48.5#

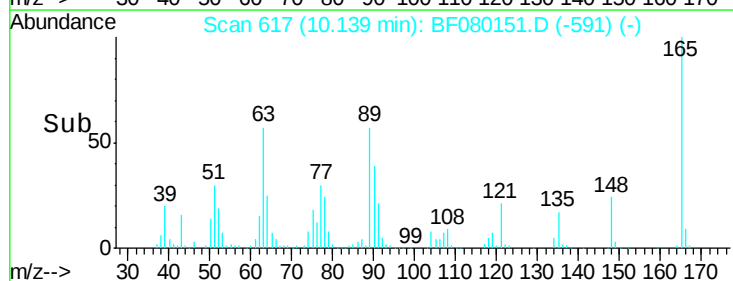
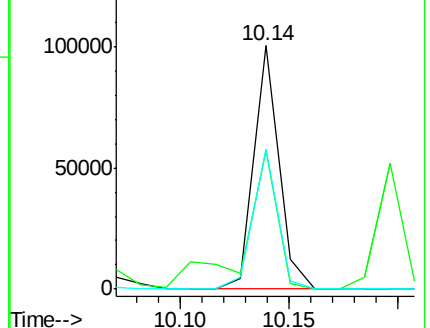
89 57.3 28.6 43.0#

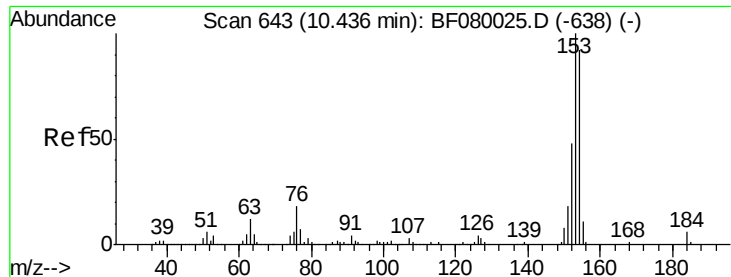


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#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

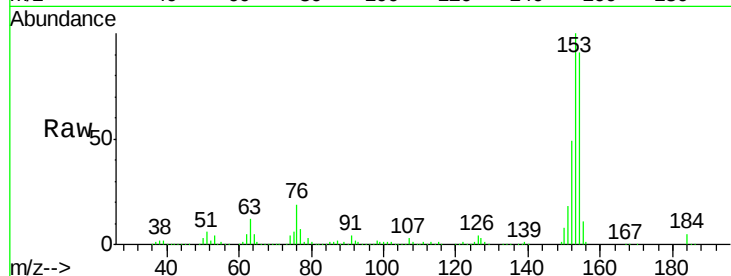
Tgt Ion:154 Resp: 331673

Ion Ratio Lower Upper

154 100

153 110.1 82.1 123.1

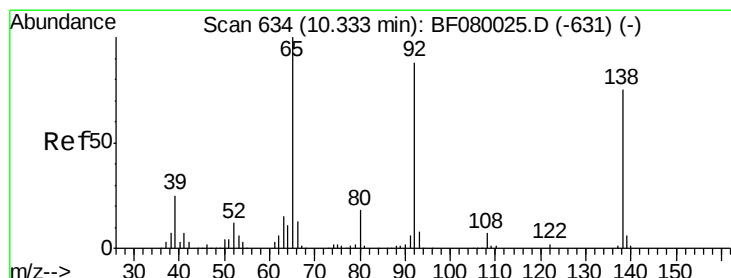
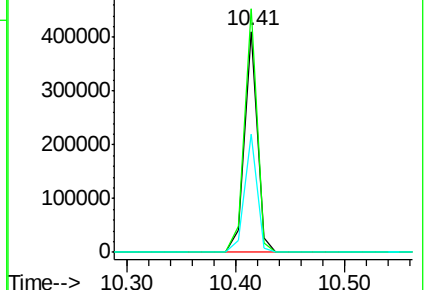
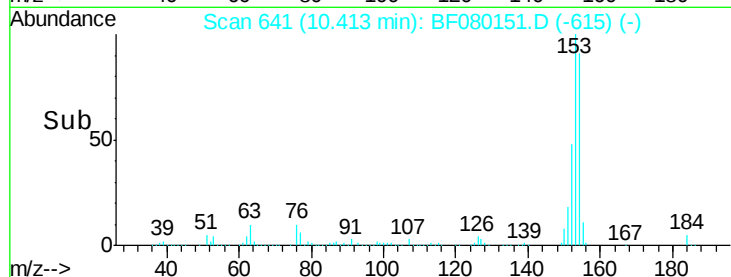
152 53.6 37.9 56.9



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

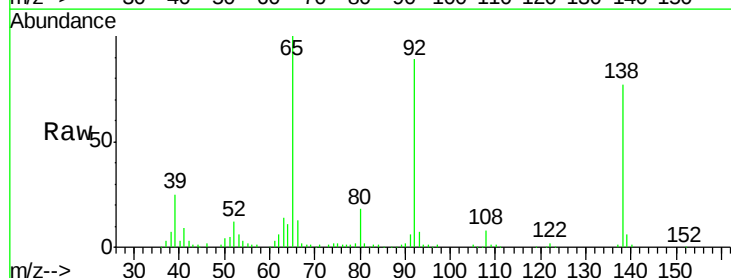
Tgt Ion:138 Resp: 63823

Ion Ratio Lower Upper

138 100

108 9.9 5.7 8.5#

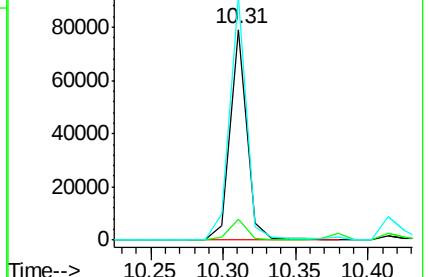
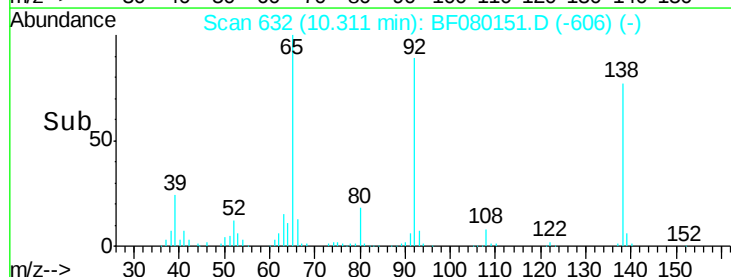
92 115.7 67.7 101.5#

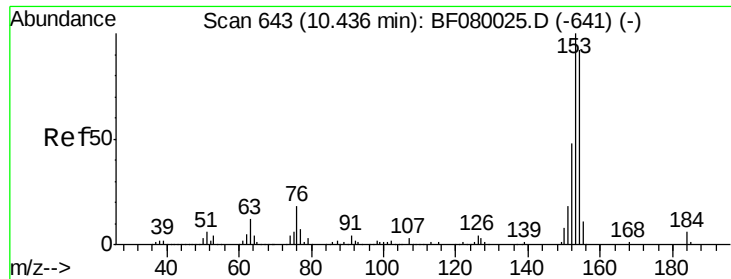


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

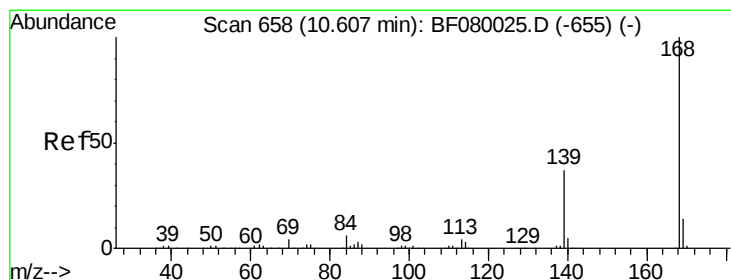
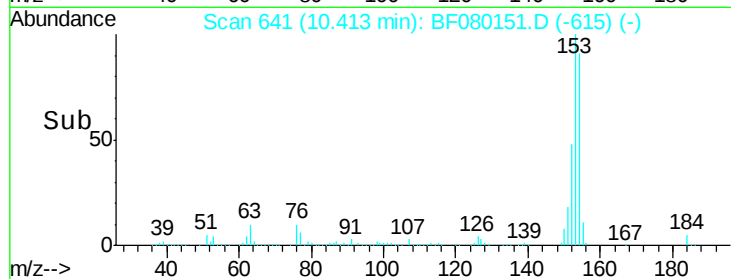
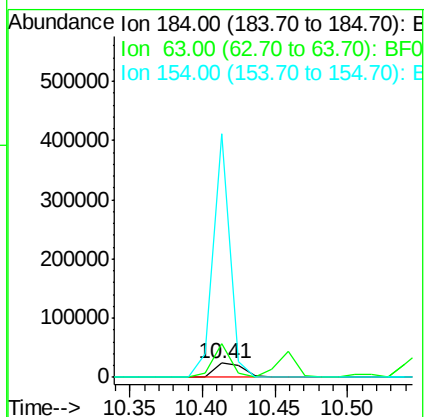
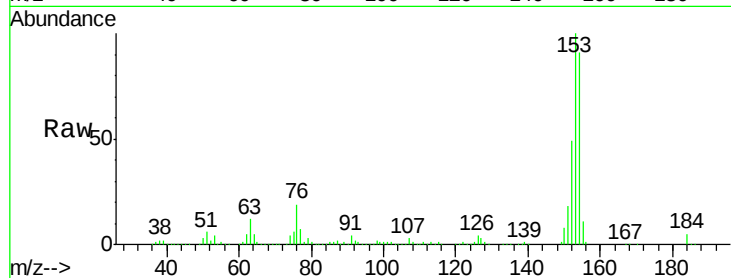




#53
2,4-Dinitrophenol
Concen: 50.47 ng
RT: 10.41 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF080151.D
Acq: 25 Jun 2015 2:37

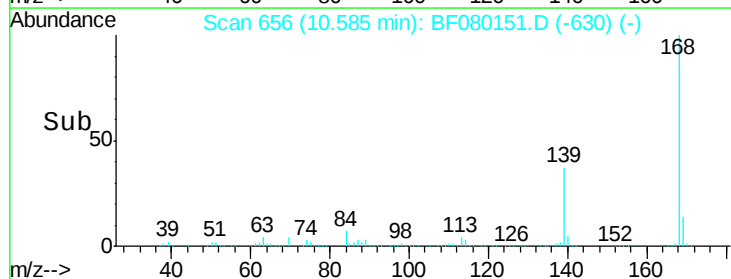
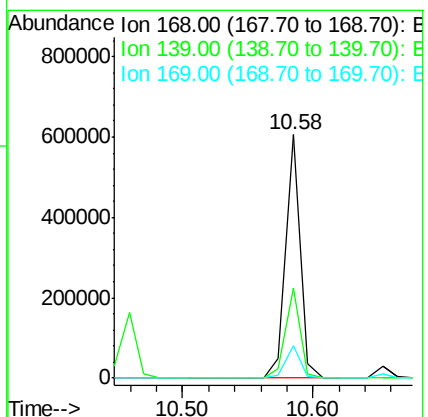
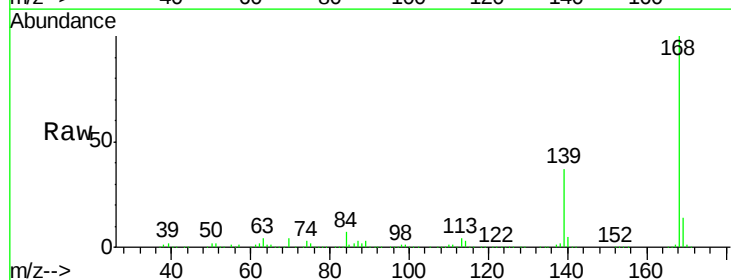
Instrument :
BNA_F
ClientSampleId :
SB-76(11-13)MS

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#



#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





#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

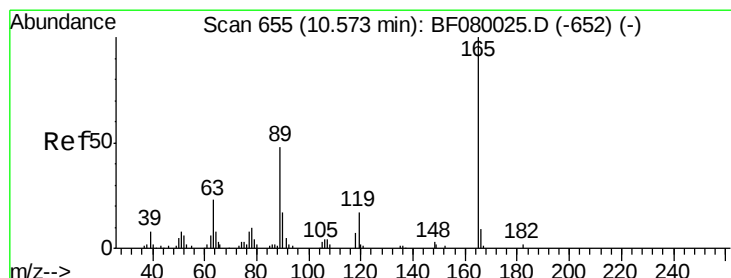
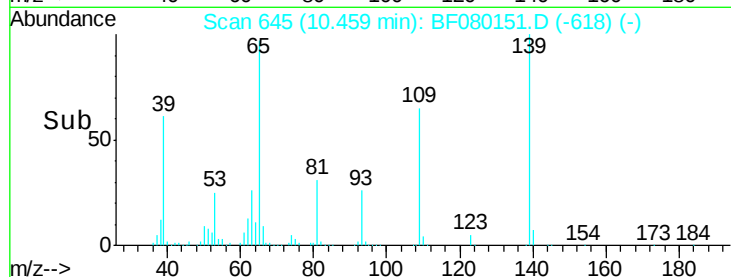
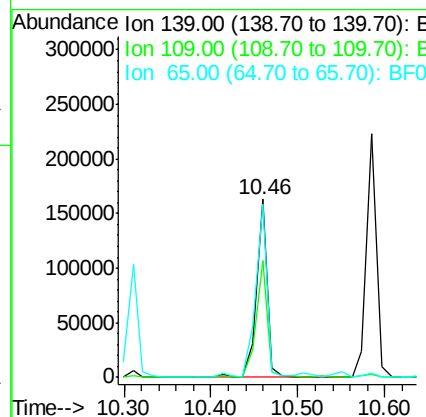
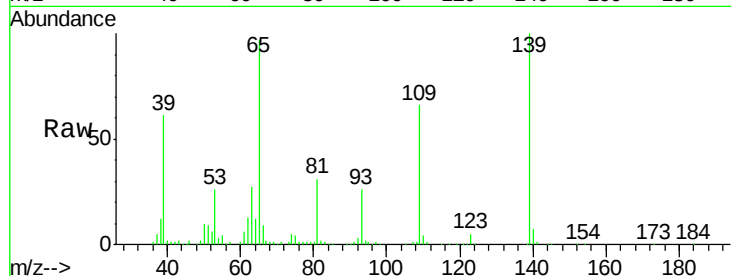
Tgt Ion:139 Resp: 144899

Ion Ratio Lower Upper

139 100

109 65.5 12.7 52.7#

65 96.9 45.9 85.9#



#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

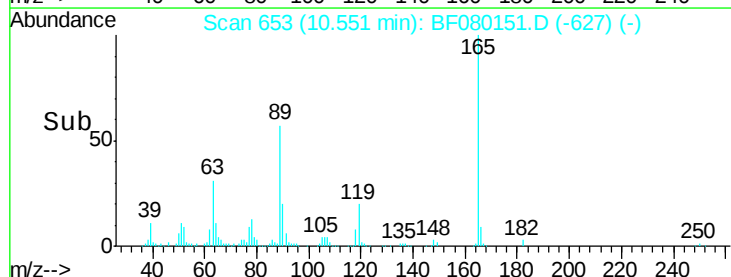
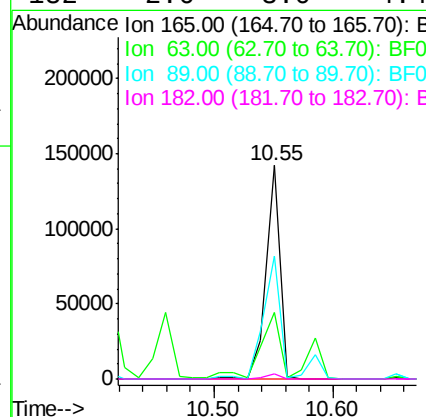
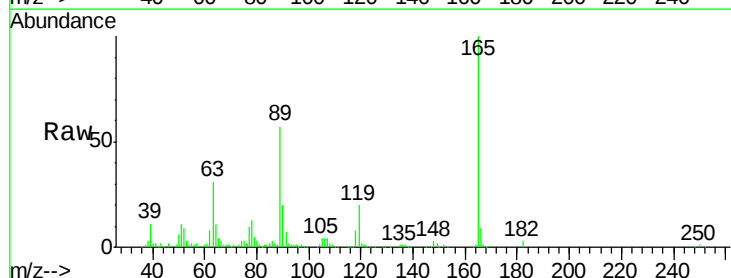
Ion Ratio Lower Upper

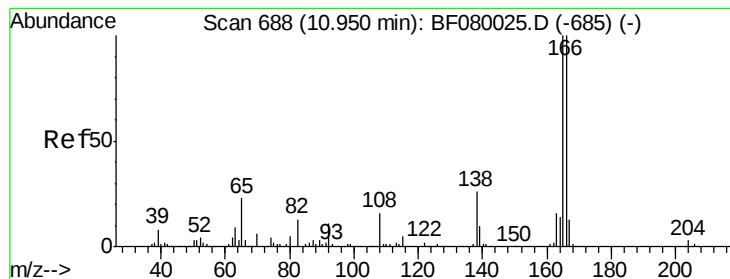
165 100

63 30.9 29.8 44.6

89 57.3 44.5 66.7

182 2.6 3.0 4.4#





#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

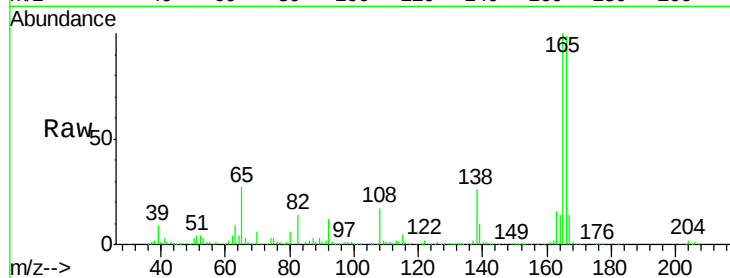
Tgt Ion:166 Resp: 360520

Ion Ratio Lower Upper

166 100

165 100.8 72.6 109.0

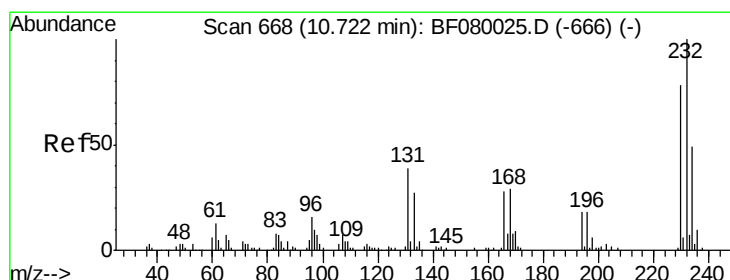
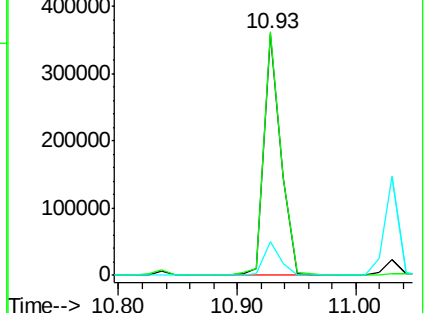
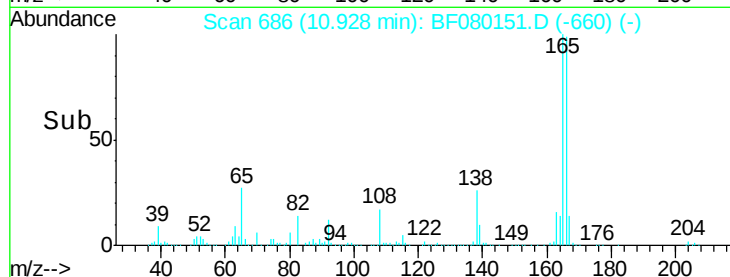
167 14.1 10.6 16.0



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

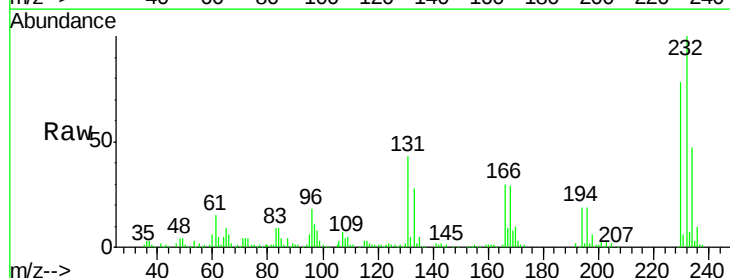
Ion Ratio Lower Upper

232 100

131 44.0 38.5 57.7

130 2.5 1.8 2.6

166 30.5 25.0 37.6

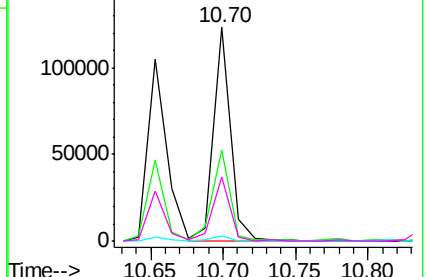
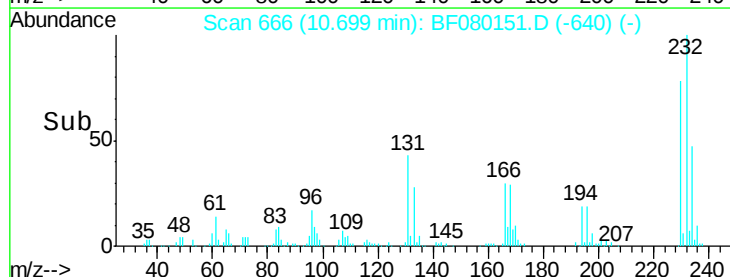


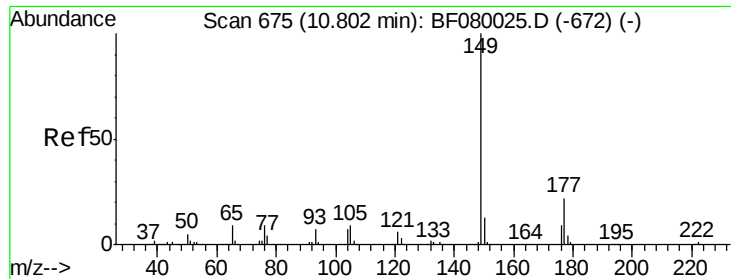
Abundance Ion 232.00 (231.70 to 232.70): E

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

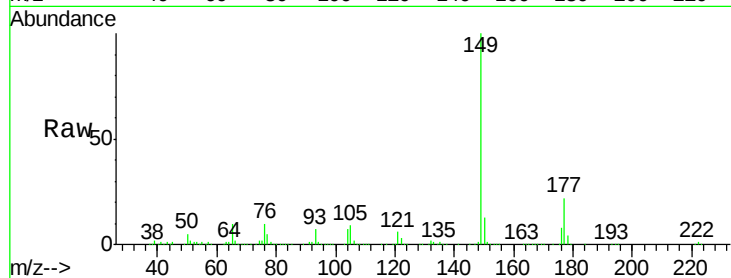




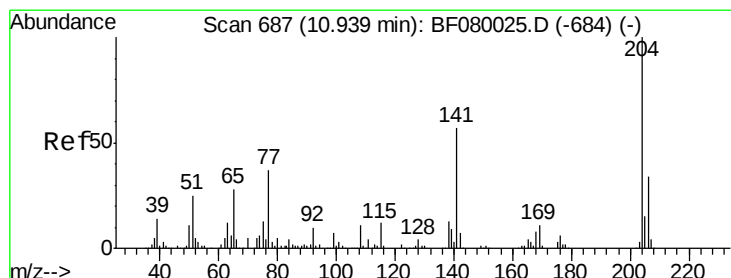
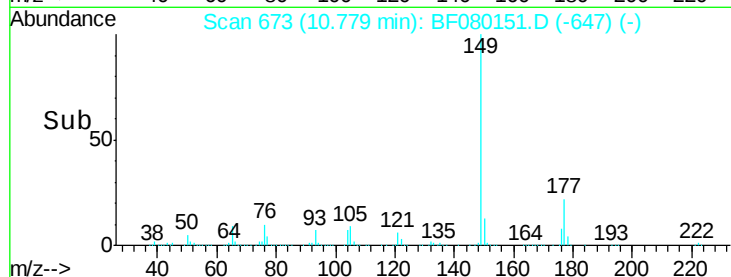
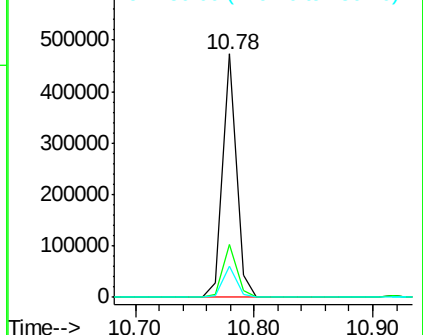
#59
Diethylphthalate
Concen: 44.04 ng
RT: 10.78 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF080151.D
Acq: 25 Jun 2015 2:37

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

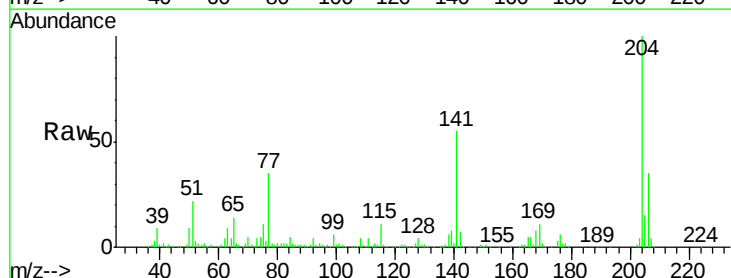


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

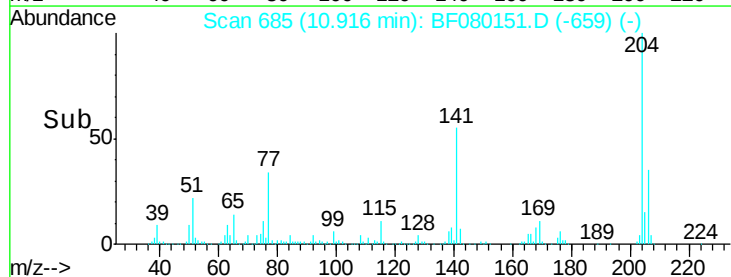
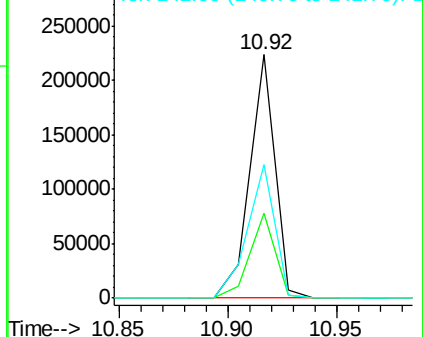


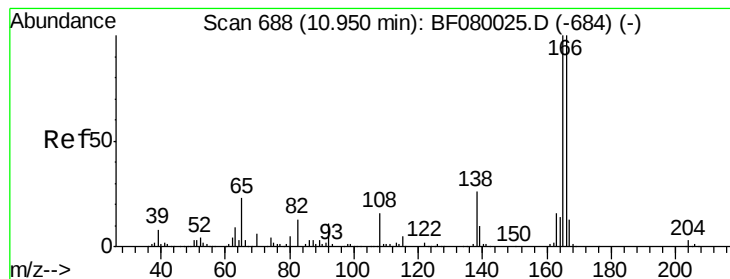
#60
4-Chlorophenyl-phenylether
Concen: 43.74 ng
RT: 10.92 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF080151.D
Acq: 25 Jun 2015 2:37

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

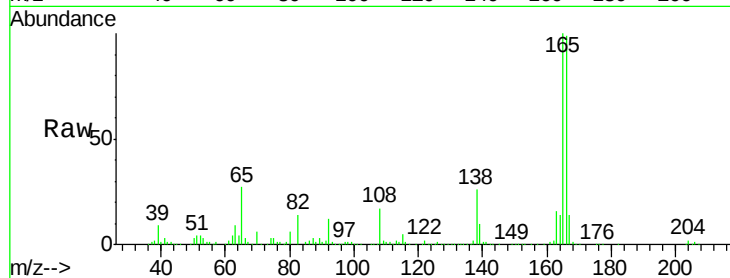
Tgt Ion:138 Resp: 79741

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

120000

100000

80000

60000

40000

20000

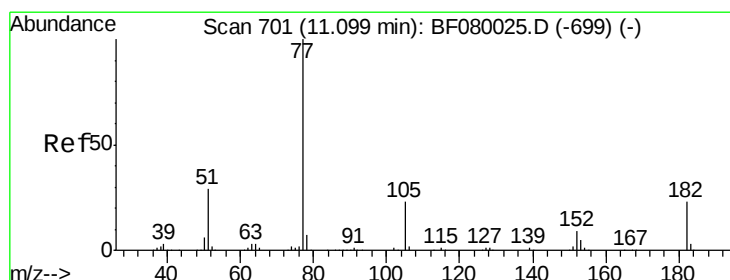
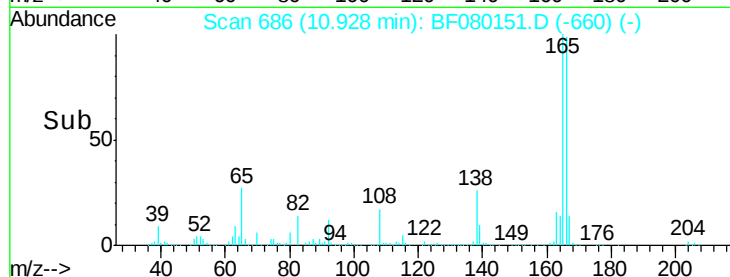
0

10.93

10.90

11.00

Time-->



#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

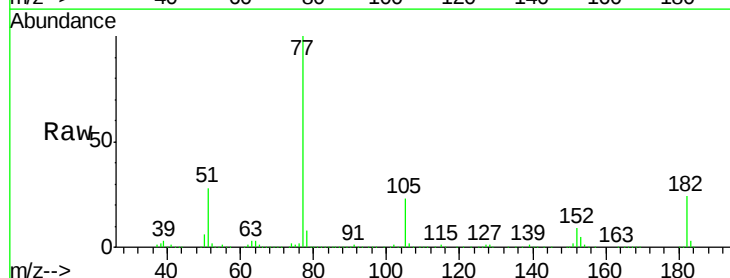
Ion Ratio Lower Upper

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

600000

400000

200000

0

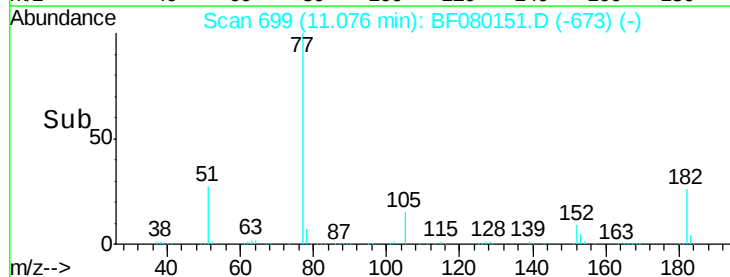
11.08

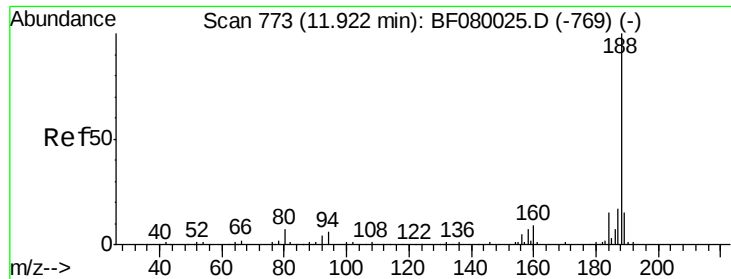
11.05

11.10

11.15

Time-->

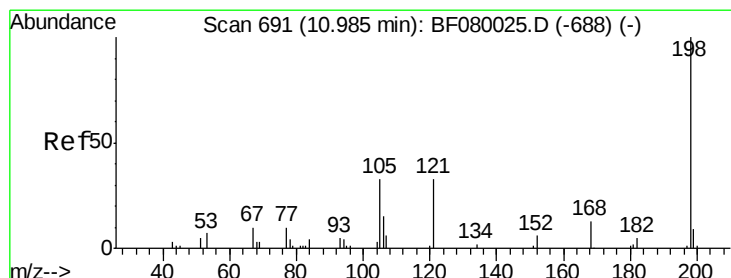
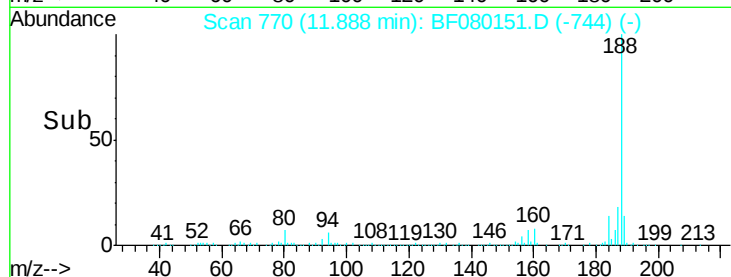
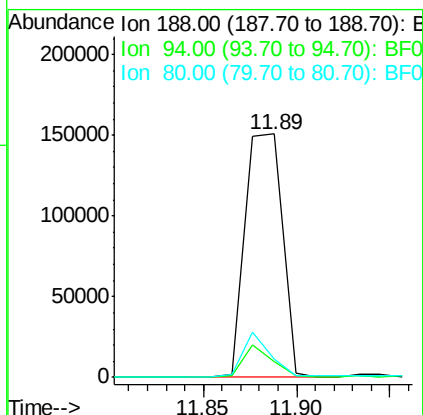
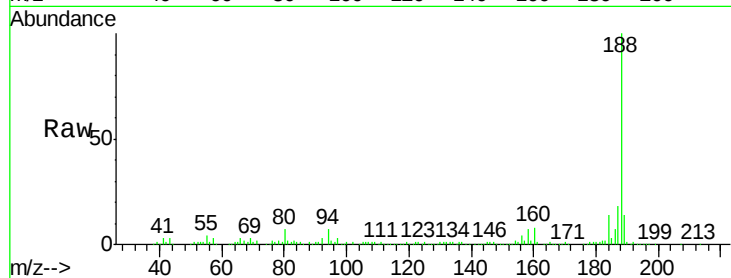




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.89 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

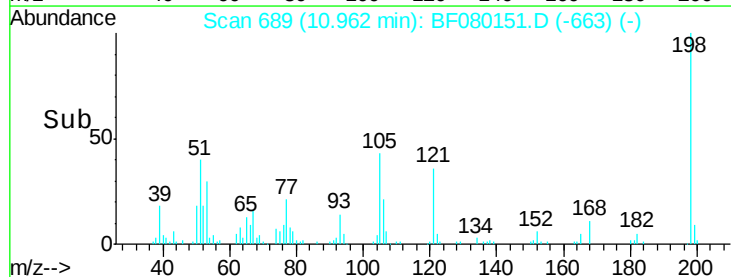
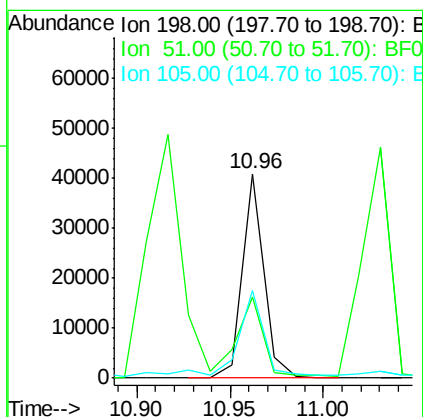
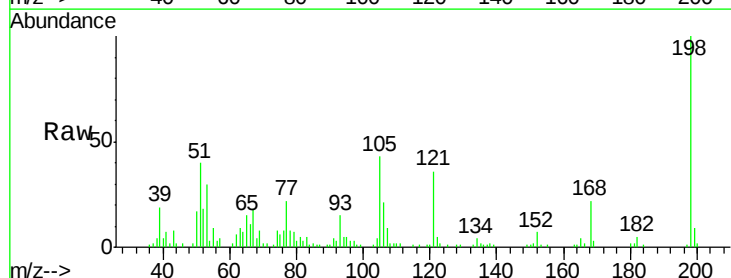
Instrument :
 BNA_F
 ClientSampleId :
 SB-76(11-13)MS

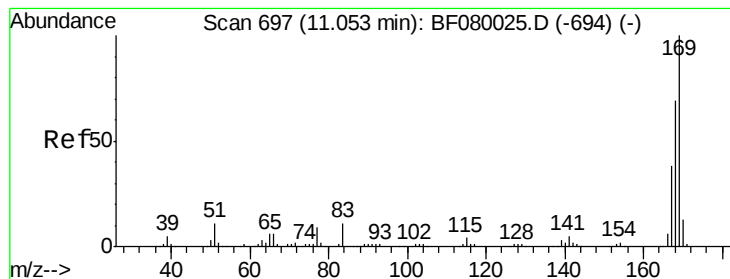
Tgt Ion:188 Resp: 209182
 Ion Ratio Lower Upper
 188 100
 94 6.6 11.1 16.7#
 80 7.4 11.0 16.4#



#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

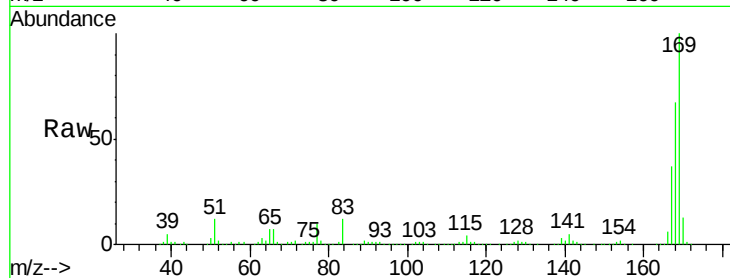




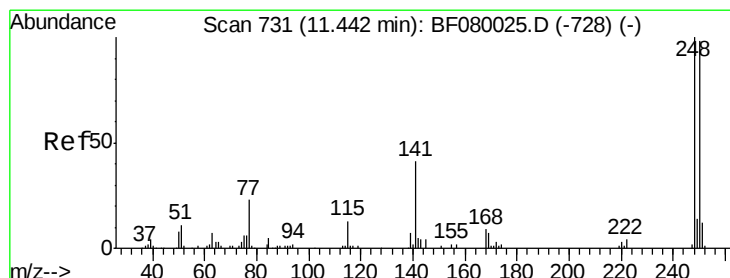
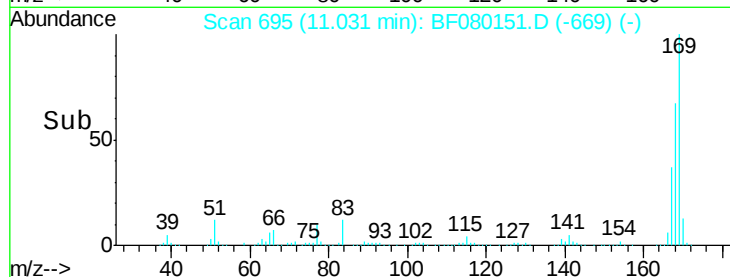
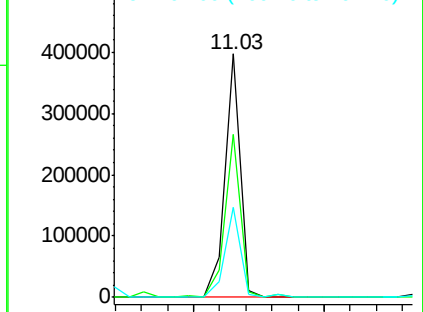
#65
 n-Nitrosodiphenylamine
 Concen: 48.37 ng
 RT: 11.03 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

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

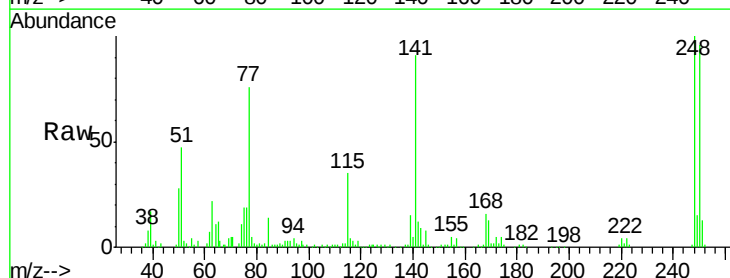


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

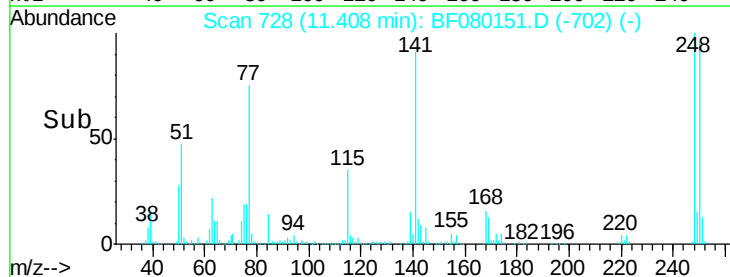
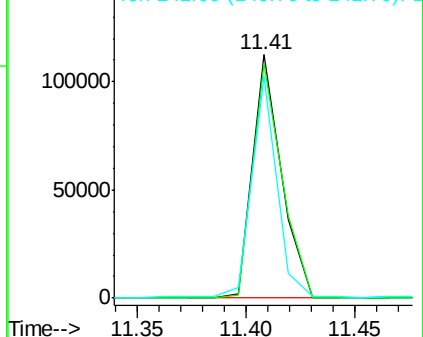


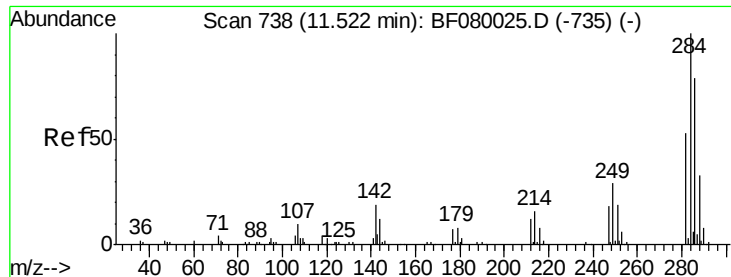
#66
 4-Bromophenyl-phenylether
 Concen: 46.42 ng
 RT: 11.41 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

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

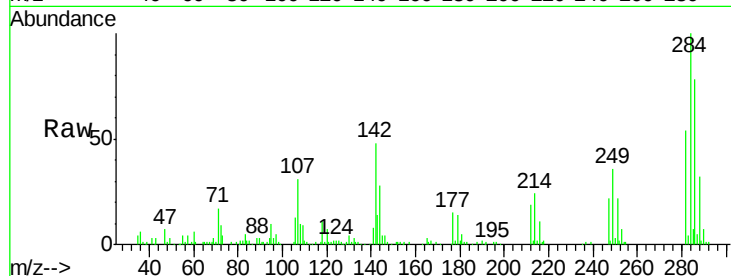




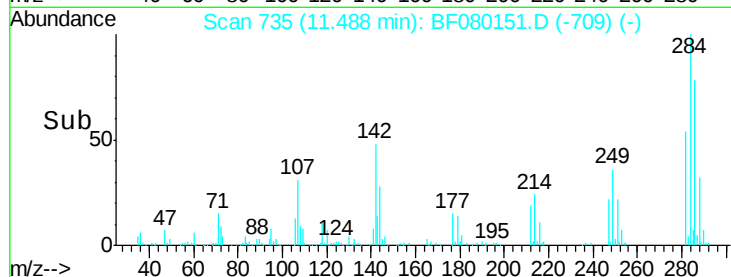
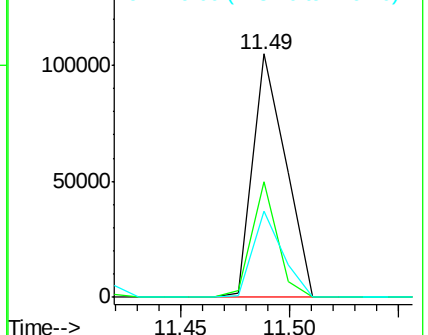
#67
Hexachlorobenzene
Concen: 44.61 ng
RT: 11.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF080151.D
Acq: 25 Jun 2015 2:37

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#

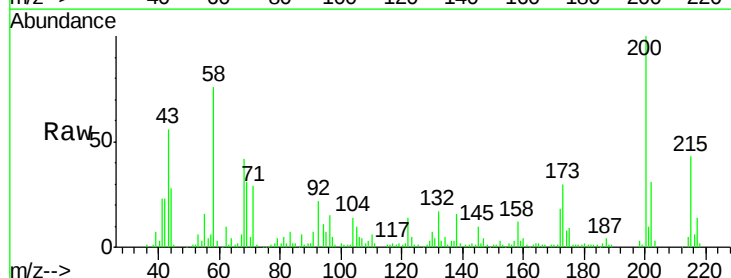


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

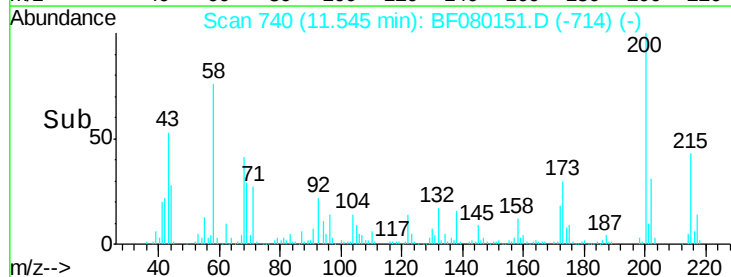
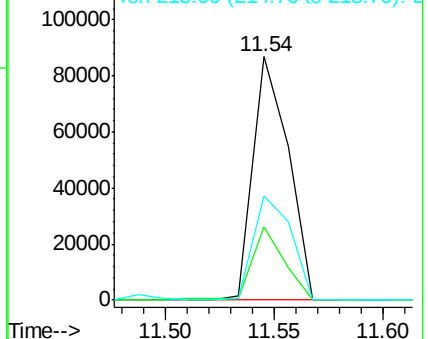


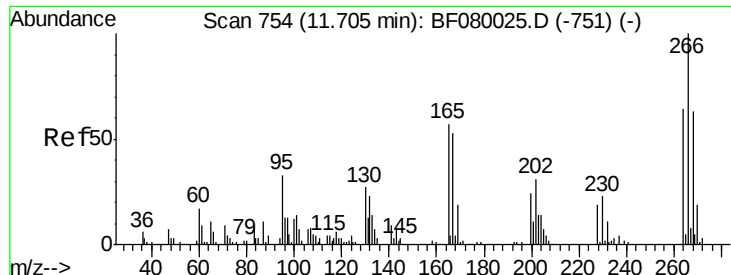
#68
Atrazine
Concen: 45.60 ng
RT: 11.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF080151.D
Acq: 25 Jun 2015 2:37

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

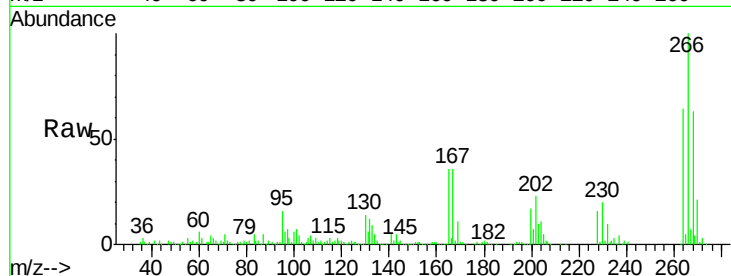




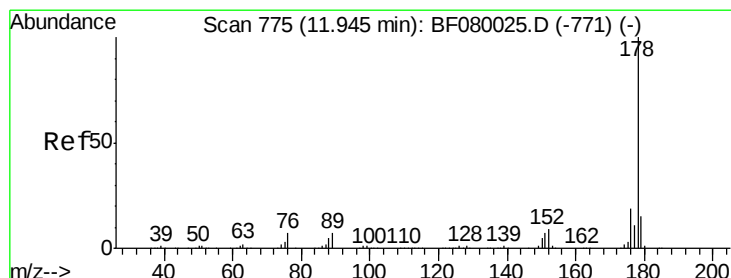
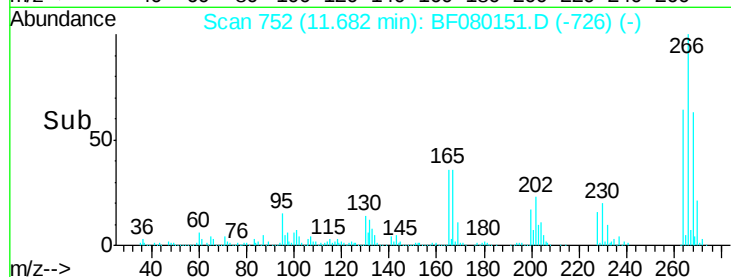
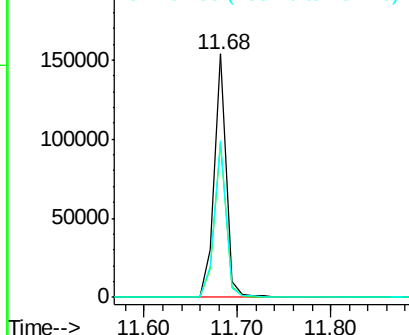
#69
 Pentachlorophenol
 Concen: 97.91 ng
 RT: 11.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

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

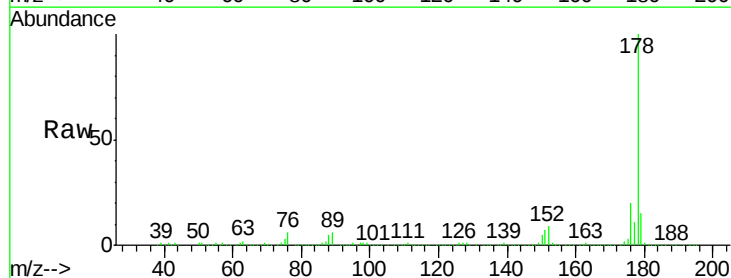


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

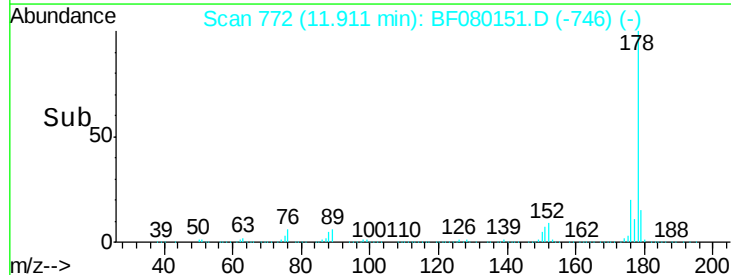
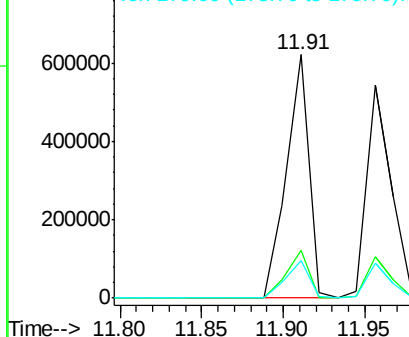


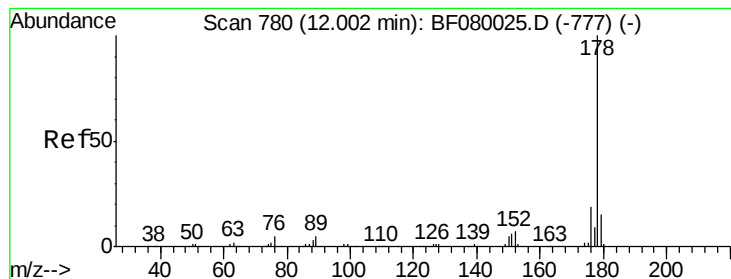
#70
 Phenanthrene
 Concen: 47.37 ng
 RT: 11.91 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

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

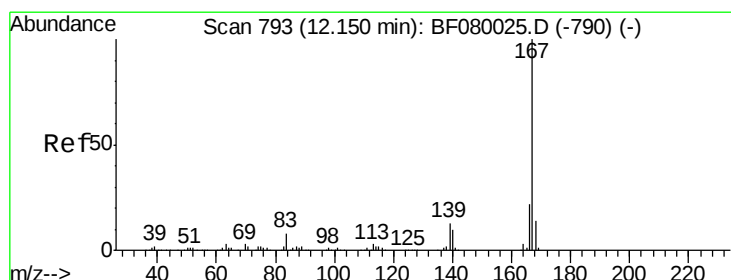
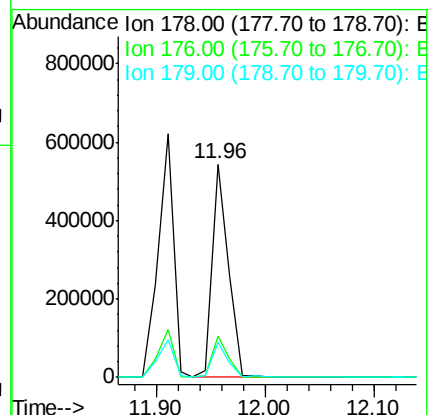
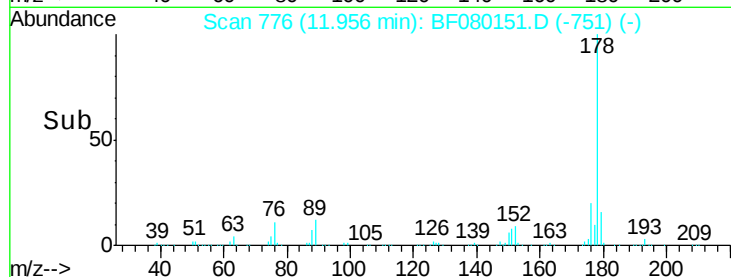
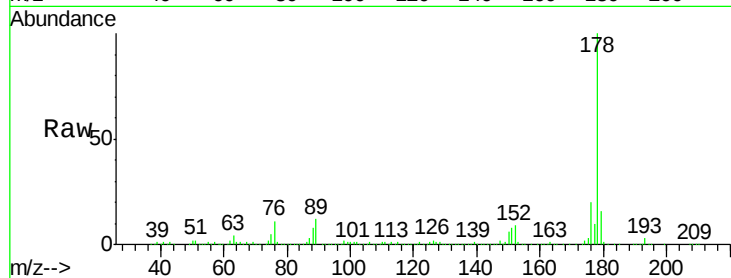
Tgt Ion:178 Resp: 570004

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

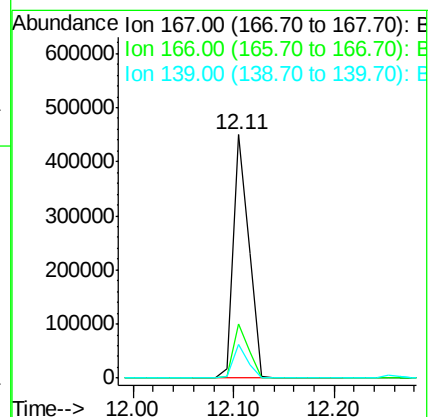
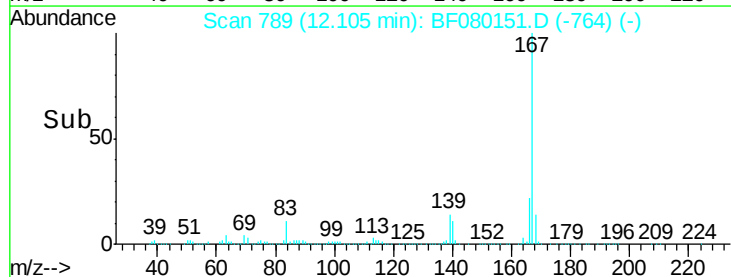
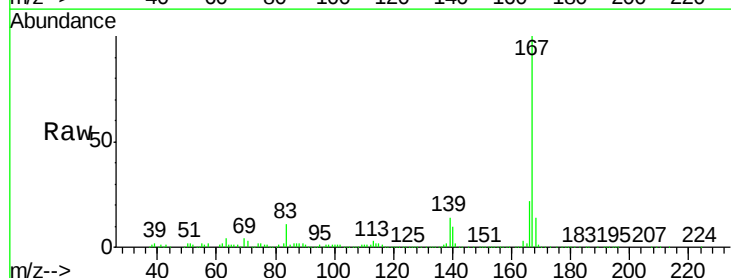
Tgt Ion:167 Resp: 483329

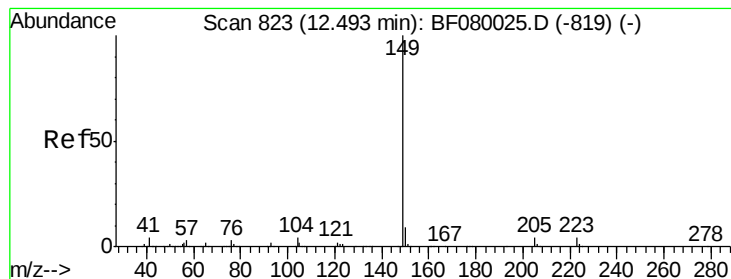
Ion Ratio Lower Upper

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

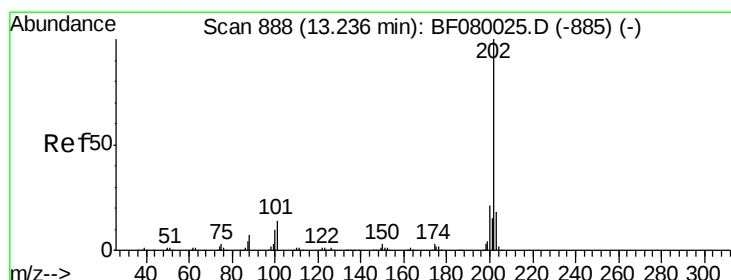
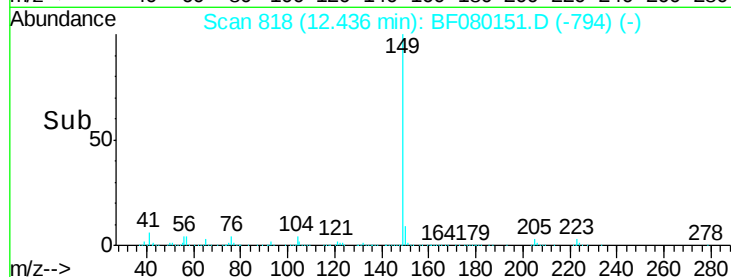
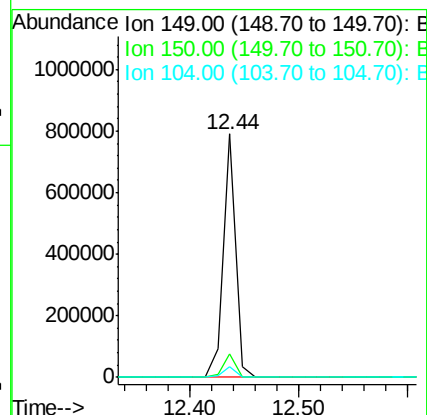
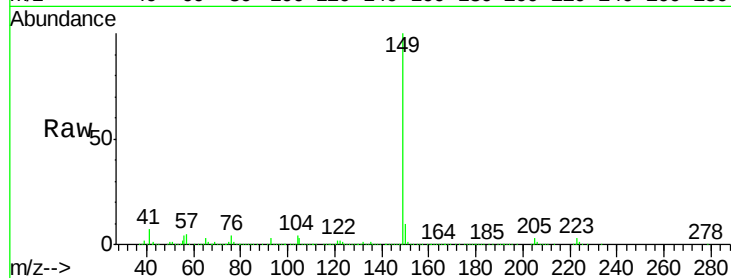
Tgt Ion:149 Resp: 634177

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

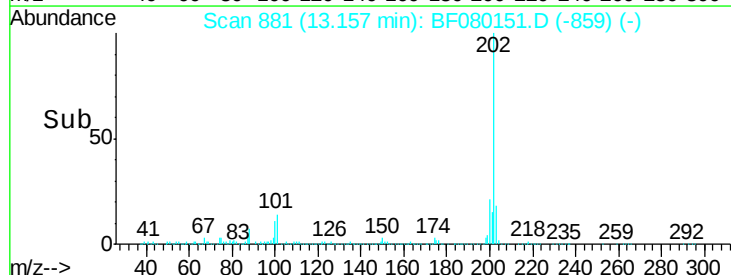
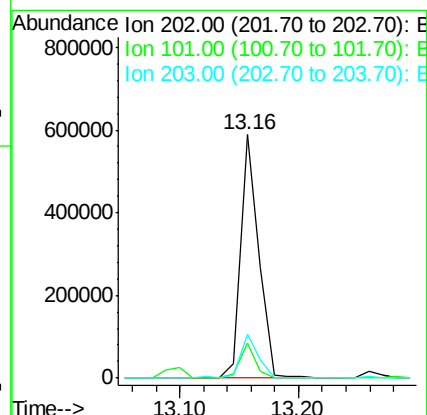
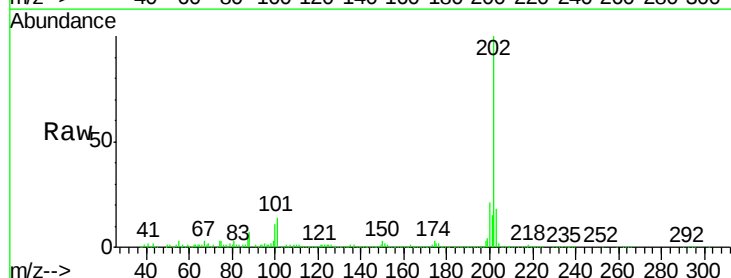
Tgt Ion:202 Resp: 614097

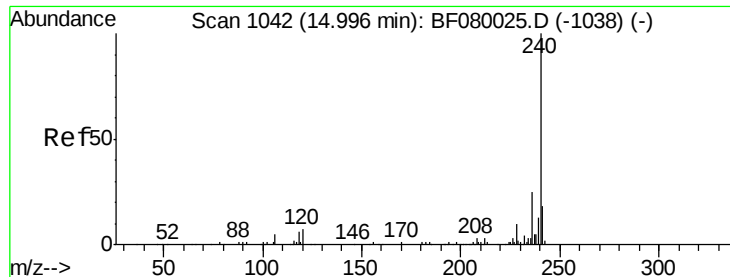
Ion Ratio Lower Upper

202 100

101 14.2 0.0 38.3

203 18.1 0.0 37.3

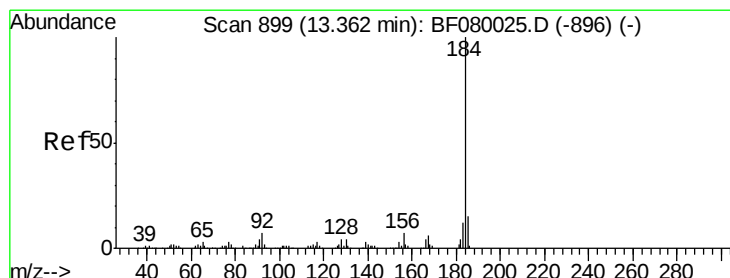
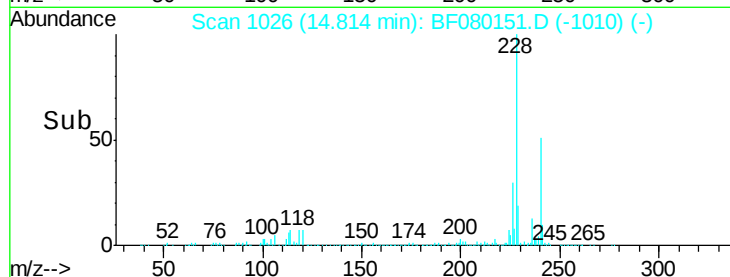
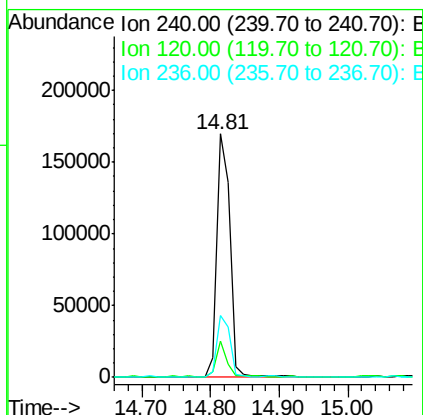
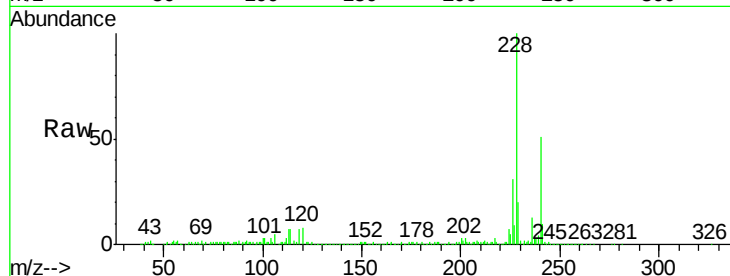




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.81 min Scan# 1026
Delta R.T. -0.11 min
Lab File: BF080151.D
Acq: 25 Jun 2015 2:37

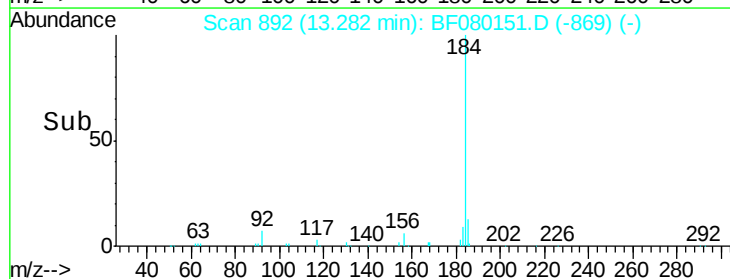
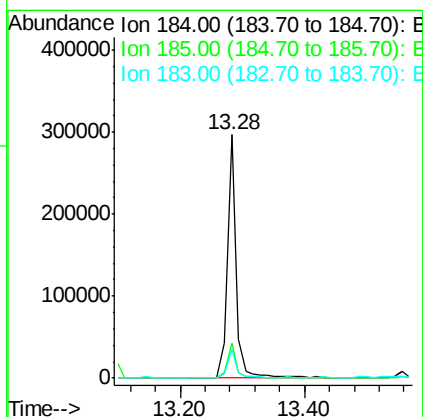
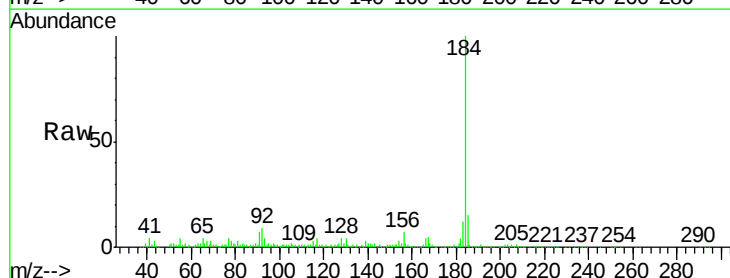
Instrument :
BNA_F
ClientSampleId :
SB-76(11-13)MS

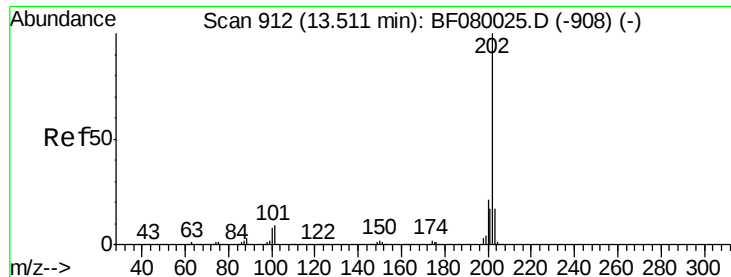
Tgt Ion:240 Resp: 228415
Ion Ratio Lower Upper
240 100
120 15.1 16.2 24.2#
236 25.5 18.4 27.6



#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#





#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

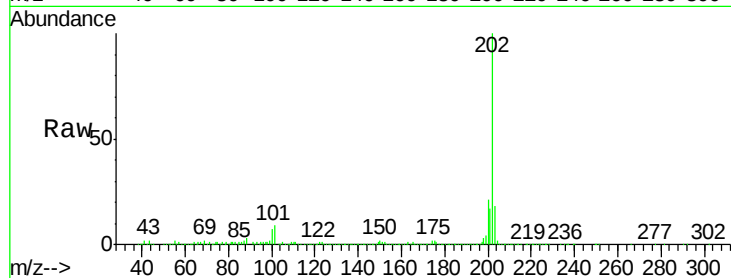
Tgt Ion:202 Resp: 712289

Ion Ratio Lower Upper

202 100

200 21.4 15.0 22.4

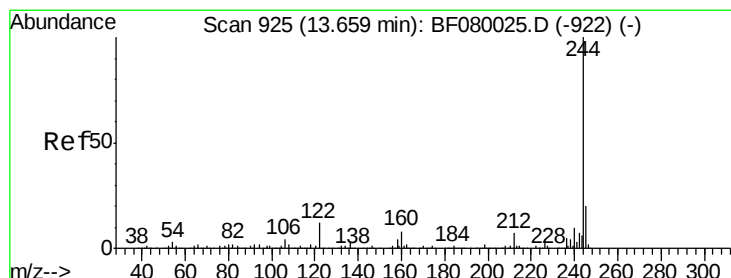
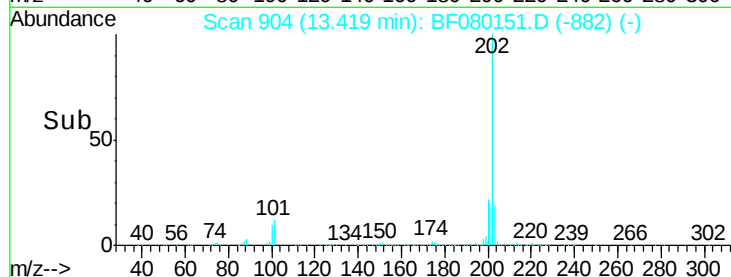
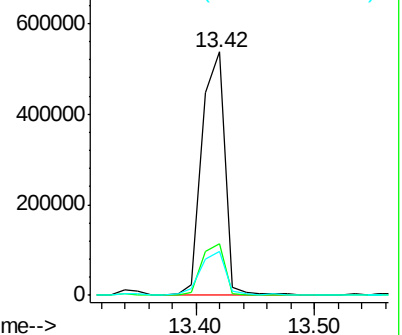
203 17.8 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 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

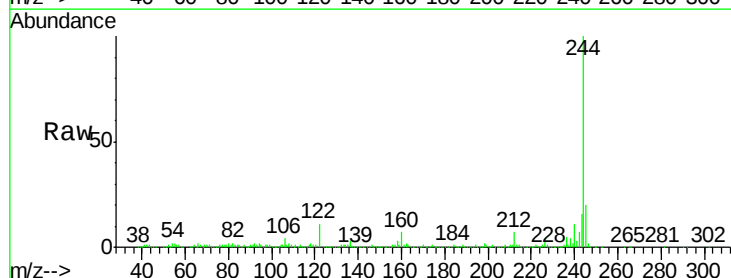
Tgt Ion:244 Resp: 520633

Ion Ratio Lower Upper

244 100

212 7.2 4.3 6.5#

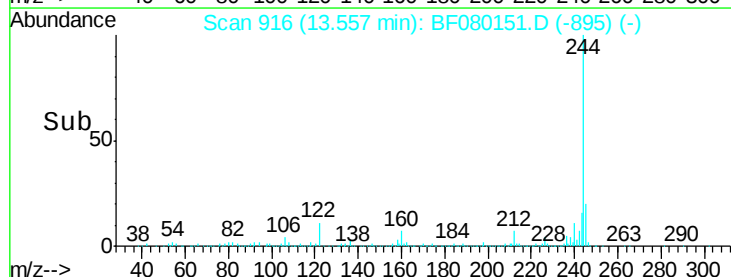
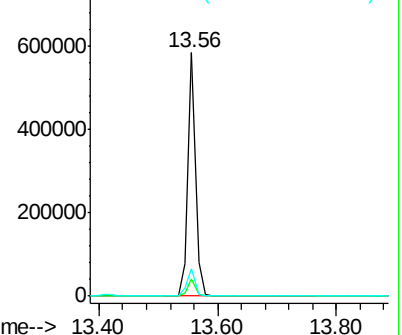
122 11.4 17.4 26.2#

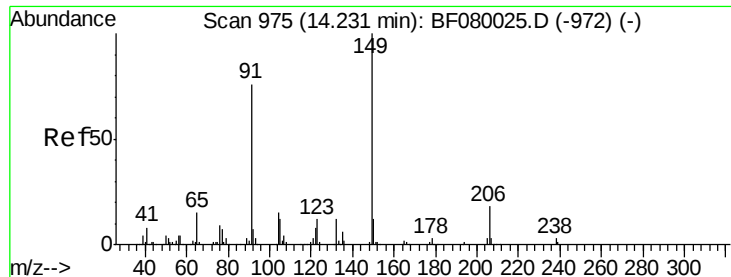


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 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

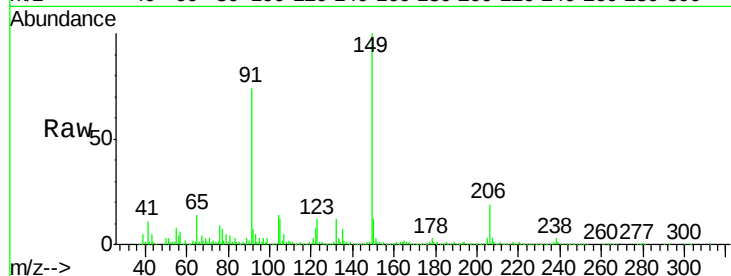
Tgt Ion:149 Resp: 277468

Ion Ratio Lower Upper

149 100

91 74.4 48.6 72.8#

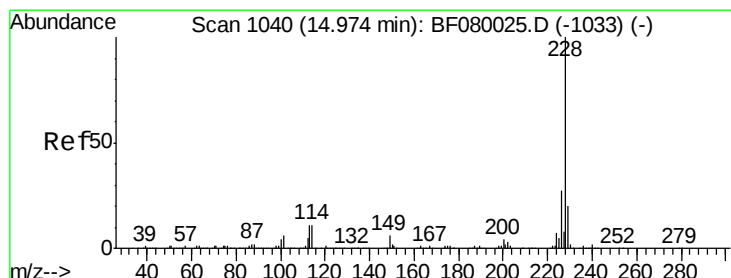
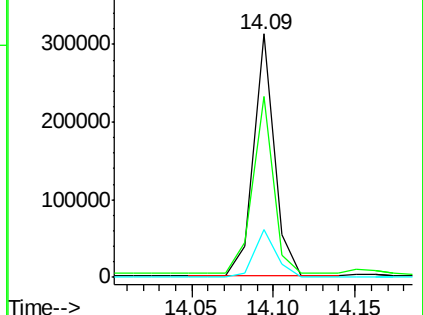
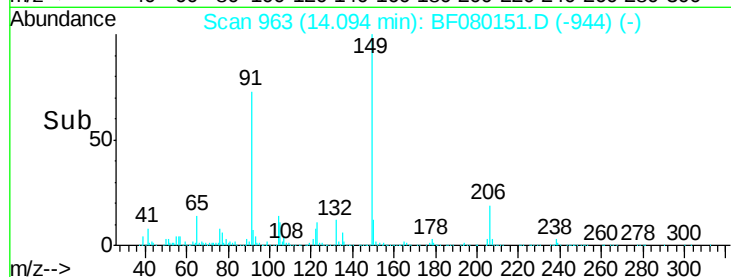
206 19.4 14.9 22.3



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

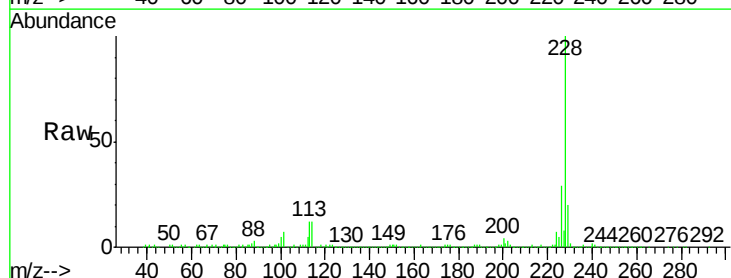
Tgt Ion:228 Resp: 700671

Ion Ratio Lower Upper

228 100

226 29.4 20.0 30.0

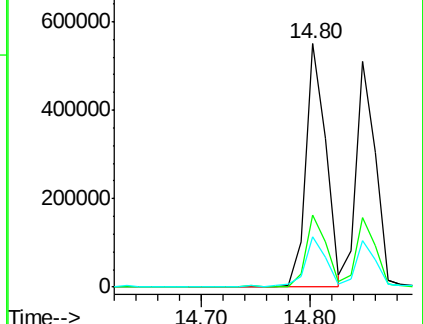
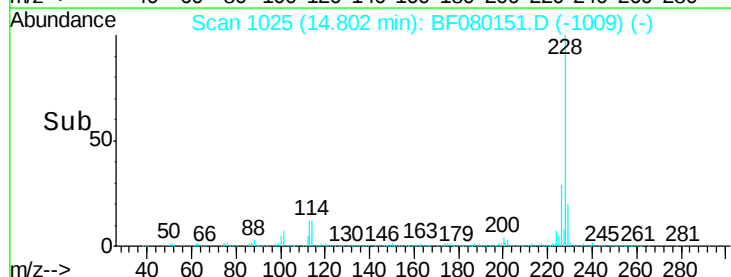
229 20.4 15.4 23.2

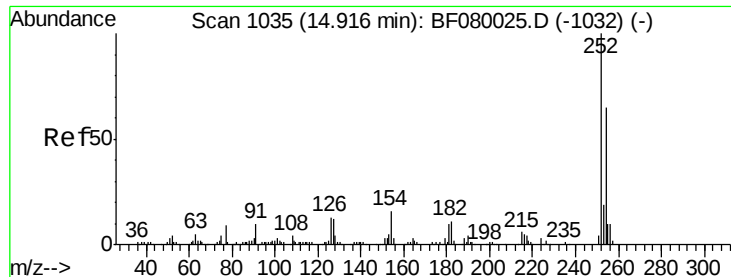


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

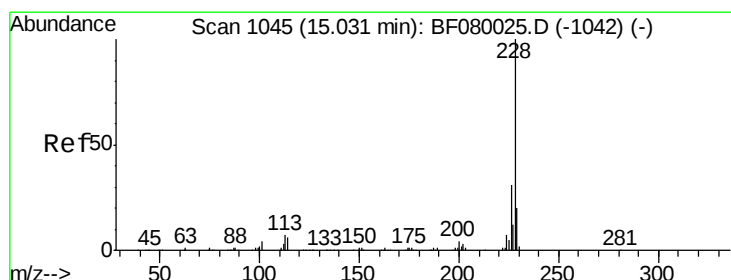
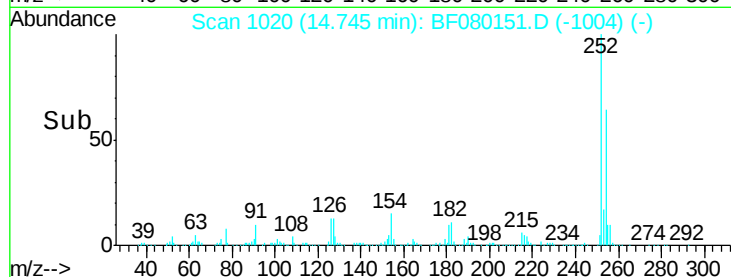
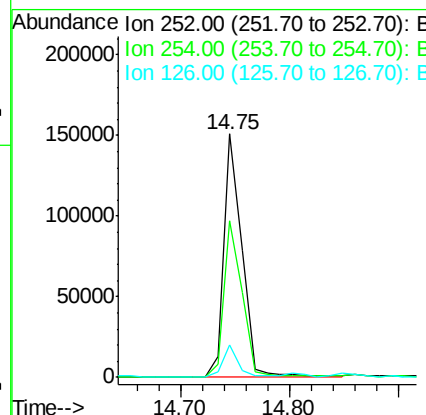
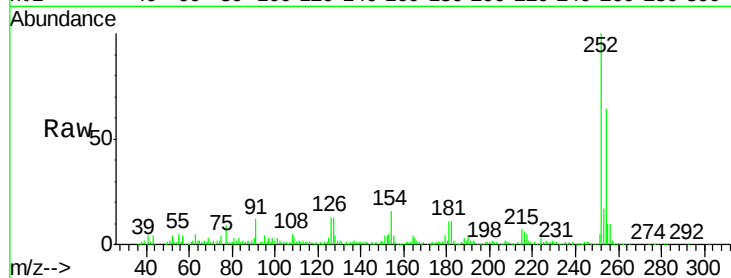




#81
 3,3'-Dichlorobenzidine
 Concen: 36.31 ng
 RT: 14.75 min Scan# 1020
 Delta R.T. -0.11 min
 Lab File: BF080151.D
 Acq: 25 Jun 2015 2:37

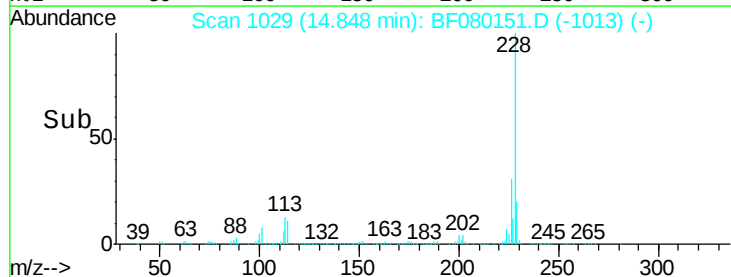
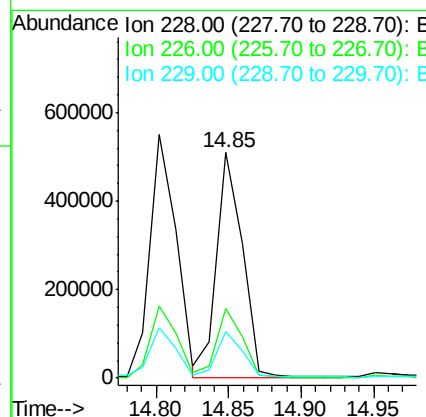
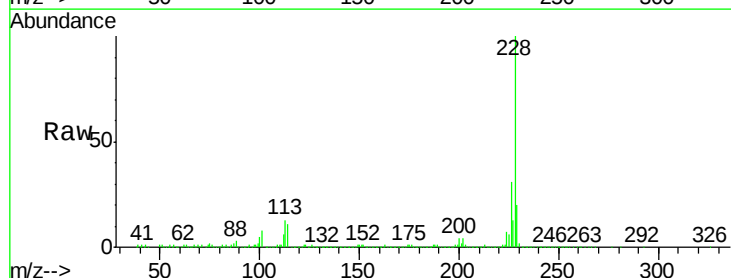
Instrument :
 BNA_F
 ClientSampleId :
 SB-76(11-13)MS

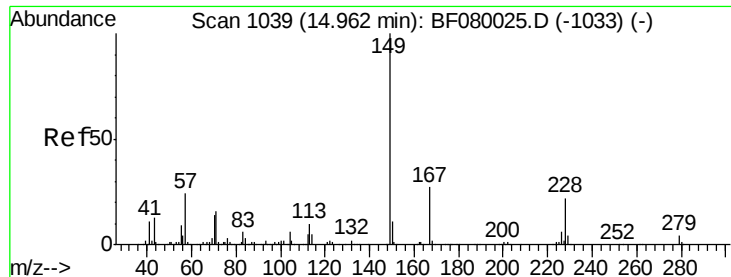
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.4	77.2
126	13.1	16.4	24.6#



#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

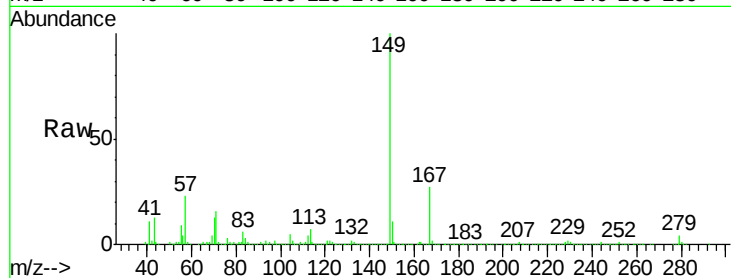
Tgt Ion:149 Resp: 430711

Ion Ratio Lower Upper

149 100

167 27.4 24.2 36.2

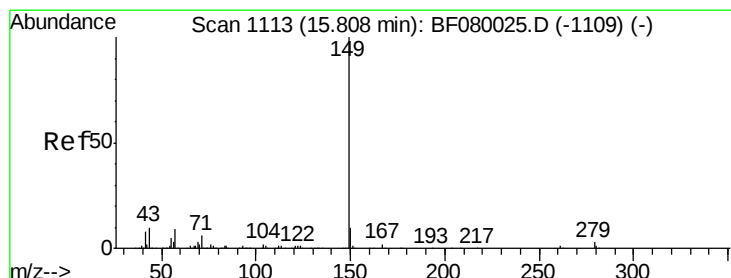
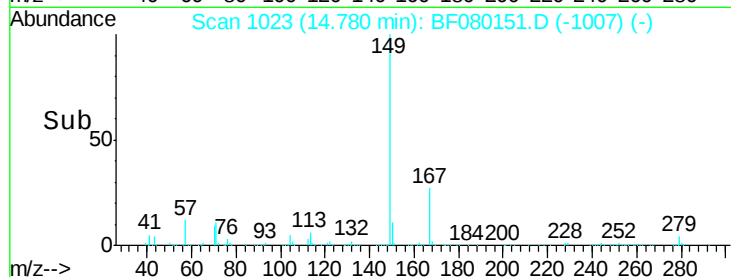
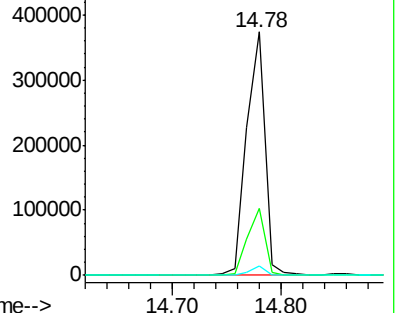
279 4.0 3.8 5.6



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

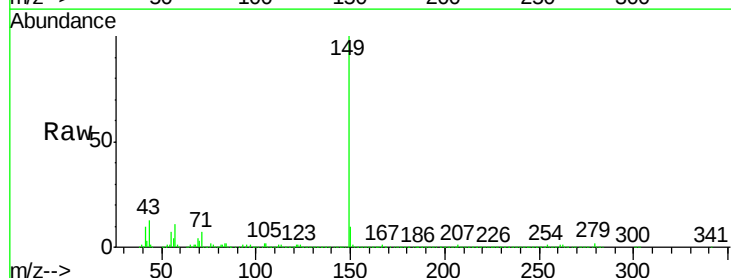
Tgt Ion:149 Resp: 762084

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

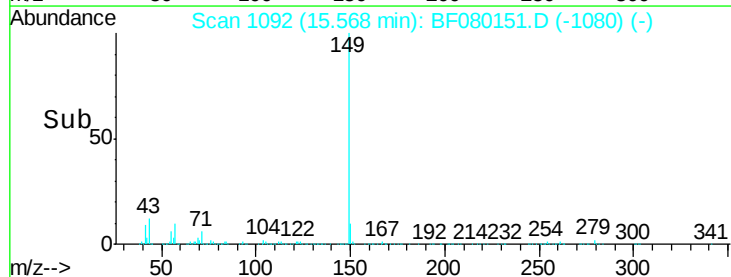
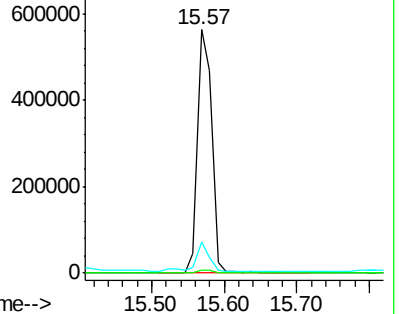
43 10.9 10.2 15.2



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

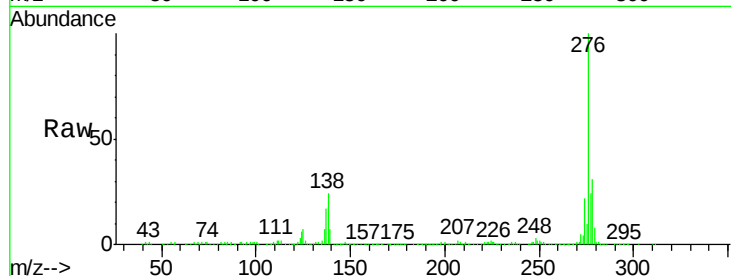
Tgt Ion:276 Resp: 757760

Ion Ratio Lower Upper

276 100

138 26.4 25.7 38.5

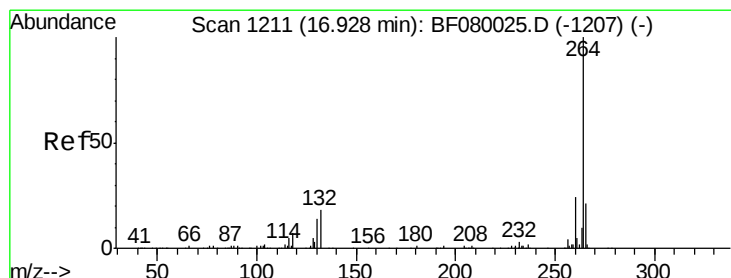
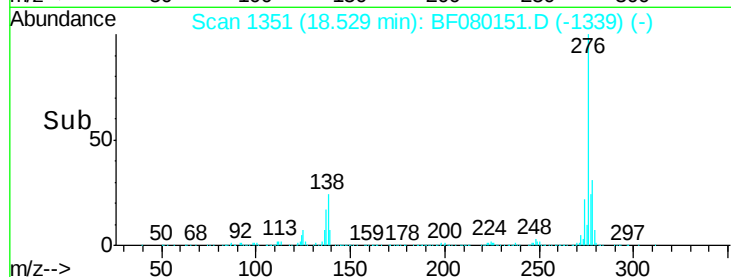
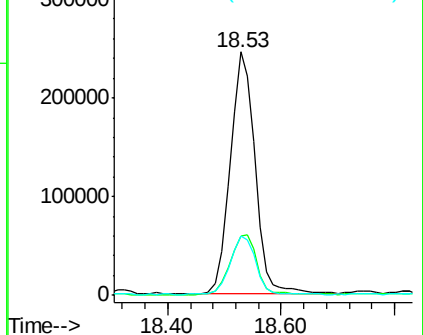
277 24.6 15.6 23.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.68 min Scan# 1189

Delta R.T. -0.16 min

Lab File: BF080151.D

Acq: 25 Jun 2015 2:37

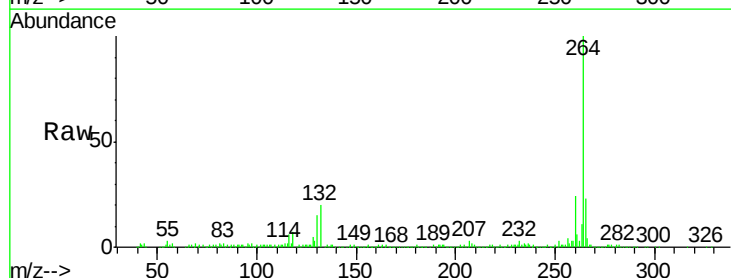
Tgt Ion:264 Resp: 252561

Ion Ratio Lower Upper

264 100

260 24.4 16.7 25.1

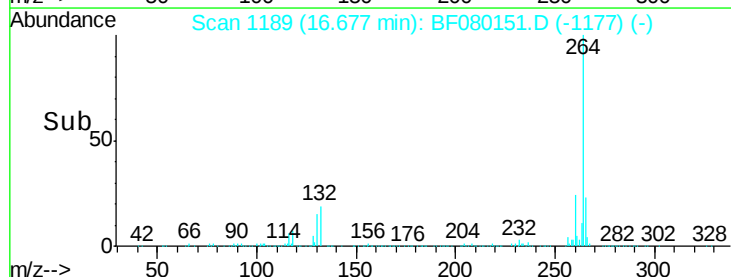
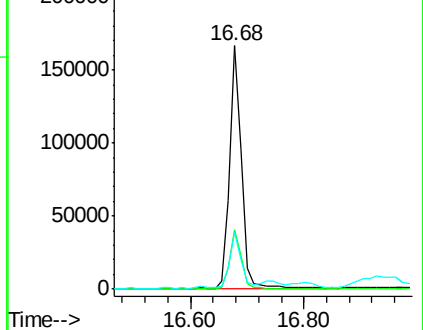
265 23.1 17.2 25.8

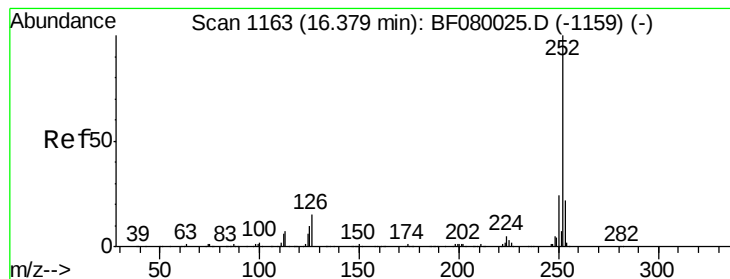


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 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

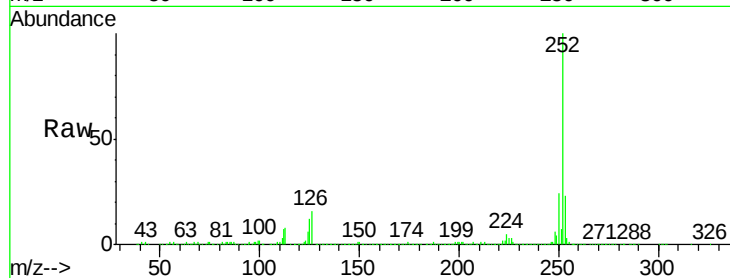
Instrument :

BNA_F

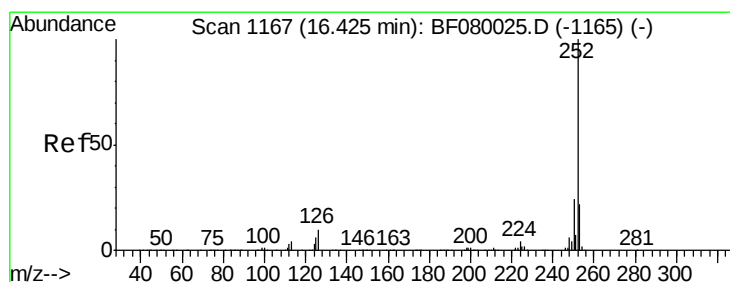
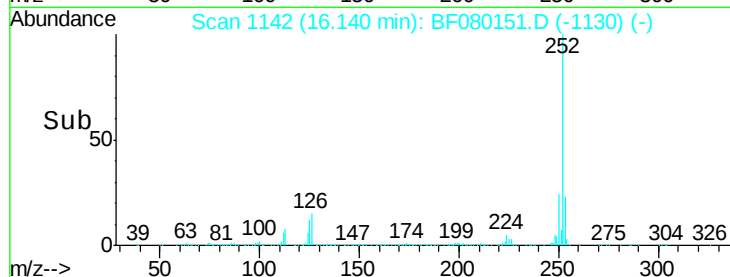
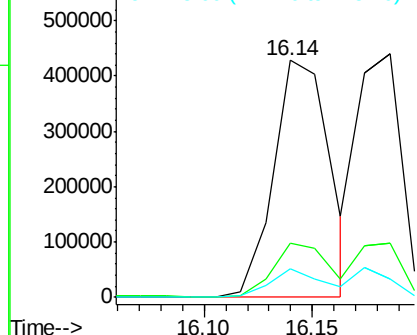
ClientSampleId :

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#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.31 ng

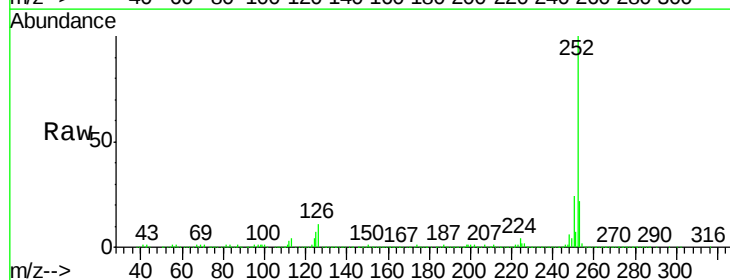
RT: 16.19 min Scan# 1146

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#



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

