

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
 Data File : BF080152.D
 Acq On : 25 Jun 2015 3:06
 Operator : TP/IZ
 Sample : G2747-04MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Jun 25 11:59:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 25 00:52:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	52569	20.00	ng	0.00
21) Naphthalene-d8	8.61	136	201226	20.00	ng	0.00
38) Acenaphthene-d10	10.38	164	100598	20.00	ng	0.00
63) Phenanthrene-d10	11.88	188	192021	20.00	ng	-0.01
75) Chrysene-d12	14.79	240	195669	20.00	ng	-0.14
86) Perylene-d12	16.63	264	198700	20.00	ng	-0.21

System Monitoring Compounds

5) 2-Fluorophenol	5.93	112	472213	159.01	ng	0.01
7) Phenol-d6	6.93	99	630006	159.42	ng	0.01
23) Nitrobenzene-d5	7.88	82	379343	109.75	ng	0.00
41) 2,4,6-Tribromophenol	11.18	330	145814	148.23	ng	0.01
44) 2-Fluorobiphenyl	9.68	172	510891	72.42	ng	0.00
78) Terphenyl-d14	13.54	244	482171	57.55	ng	-0.07

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.21	88	49504	35.07	ng	86
3) Pyridine	4.01	79	151488	40.35	ng	# 83
4) n-Nitrosodimethylamine	3.93	42	83386	46.74	ng	92
6) Aniline	6.97	93	146516	26.95	ng	94
8) 2-Chlorophenol	7.10	128	172402	50.23	ng	90
9) Benzaldehyde	6.86	77	98464	43.16	ng	# 76
10) Phenol	6.94	94	233865	54.23	ng	83
11) bis(2-Chloroethyl)ether	7.03	93	158896	46.44	ng	98
12) 1,3-Dichlorobenzene	7.26	146	196368m	47.62	ng	
13) 1,4-Dichlorobenzene	7.34	146	182469	46.53	ng	98
14) 1,2-Dichlorobenzene	7.49	146	180984m	47.43	ng	
15) Benzyl Alcohol	7.44	79	158772	49.14	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	7.58	45	251725	49.56	ng	90
17) 2-Methylphenol	7.54	107	134400	45.84	ng	# 83
18) Hexachloroethane	7.84	117	62419	47.81	ng	# 67
19) n-Nitroso-di-n-propylamine	7.72	70	121736	44.37	ng	# 77
20) 3+4-Methylphenols	7.70	107	189701	50.14	ng	# 86
22) Acetophenone	7.72	105	244399	52.12	ng	# 85
24) Nitrobenzene	7.89	77	175024	49.06	ng	# 60
25) Isophorone	8.13	82	341881	49.15	ng	# 87
26) 2-Nitrophenol	8.22	139	85129	57.01	ng	# 92
27) 2,4-Dimethylphenol	8.24	122	154976	49.77	ng	88
28) bis(2-Chloroethoxy)methane	8.33	93	224724	54.98	ng	# 93
29) 2,4-Dichlorophenol	8.46	162	143861	53.95	ng	95
30) 1,2,4-Trichlorobenzene	8.55	180	151761	50.11	ng	97
31) Naphthalene	8.63	128	541636m	51.48	ng	
32) Benzoic acid	8.30	122	69043m	36.67	ng	
33) 4-Chloroaniline	8.66	127	74794m	16.61	ng	
34) Hexachlorobutadiene	8.74	225	95188	51.05	ng	98
35) Caprolactam	9.01	113	45198	52.22	ng	# 79
36) 4-Chloro-3-methylphenol	9.14	107	144686	48.10	ng	99
37) 2-Methylnaphthalene	9.33	142	361009	53.05	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	9.50	216	151970	51.91	ng	98
40) Hexachlorocyclopentadiene	9.49	237	59197	42.48	ng	98

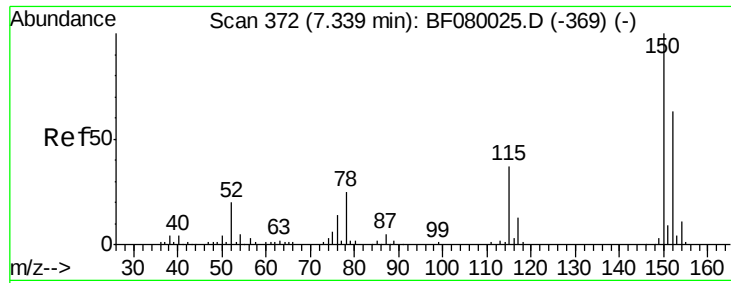
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.60	196	112535	56.50	ng	99
43) 2,4,5-Trichlorophenol	9.64	196	114142	49.74	ng #	93
45) 1,1'-Biphenyl	9.78	154	400395	48.92	ng	93
46) 2-Chloronaphthalene	9.82	162	339433	51.11	ng	96
47) 2-Nitroaniline	9.90	65	96550	52.96	ng #	66
48) Acenaphthylene	10.24	152	601611	54.28	ng	97
49) Dimethylphthalate	10.07	163	468052	61.89	ng #	96
50) 2,6-Dinitrotoluene	10.14	165	80468	53.07	ng #	59
51) Acenaphthene	10.41	154	334766	49.37	ng	91
52) 3-Nitroaniline	10.31	138	60559	34.62	ng #	66
53) 2,4-Dinitrophenol	10.41	184	23550	41.21	ng #	1
54) Dibenzofuran	10.58	168	481297	50.02	ng #	91
55) 4-Nitrophenol	10.46	139	142961	102.24	ng #	52
56) 2,4-Dinitrotoluene	10.55	165	123137	64.00	ng #	94
57) Fluorene	10.93	166	376019	49.25	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.70	232	102109	52.70	ng	96
59) Diethylphthalate	10.78	149	388304	50.99	ng	99
60) 4-Chlorophenyl-phenylether	10.92	204	188396	51.35	ng	96
61) 4-Nitroaniline	10.93	138	74294	41.12	ng #	59
62) Azobenzene	11.08	77	389778	50.28	ng	90
64) 4,6-Dinitro-2-methylphenol	10.96	198	22812	28.43	ng	89
65) n-Nitrosodiphenylamine	11.03	169	335436	53.65	ng	92
66) 4-Bromophenyl-phenylether	11.41	248	106553	52.19	ng #	90
67) Hexachlorobenzene	11.49	284	112992	49.80	ng #	79
68) Atrazine	11.54	200	102292	51.78	ng	83
69) Pentachlorophenol	11.68	266	139696	108.64	ng	99
70) Phenanthrene	11.91	178	623620	53.64	ng	97
71) Anthracene	11.96	178	571368	51.04	ng	97
72) Carbazole	12.10	167	483331	45.23	ng	95
73) Di-n-butylphthalate	12.44	149	643345	52.10	ng #	99
74) Fluoranthene	13.16	202	667500	53.91	ng	89
76) Benzidine	13.28	184	152186	27.83	ng #	97
77) Pyrene	13.41	202	744584	61.81	ng	96
79) Butylbenzylphthalate	14.07	149	275276	56.90	ng #	72
80) Benzo(a)anthracene	14.78	228	699670	58.70	ng #	92
81) 3,3'-Dichlorobenzidine	14.72	252	164080	39.91	ng #	94
82) Chrysene	14.83	228	625513m	56.91	ng	
83) Bis(2-ethylhexyl)phthalate	14.75	149	447819	58.57	ng #	95
84) Di-n-octyl phthalate	15.52	149	754904	57.62	ng #	94
85) Indeno(1,2,3-cd)pyrene	18.47	276	672880	48.54	ng #	89
87) Benzo(b)fluoranthene	16.09	252	756572	62.89	ng #	88
88) Benzo(k)fluoranthene	16.13	252	524173	42.79	ng #	89
89) Benzo(a)pyrene	16.55	252	655583m	57.38	ng	
90) Dibenzo(a,h)anthracene	18.49	278	528079	45.16	ng #	82
91) Benzo(g,h,i)perylene	19.03	276	574127	48.62	ng #	79

(#) = 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: BF080152.D

Acq: 25 Jun 2015 3:06

Instrument :

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ClientSampleId :

SB-76(11-13)MSD

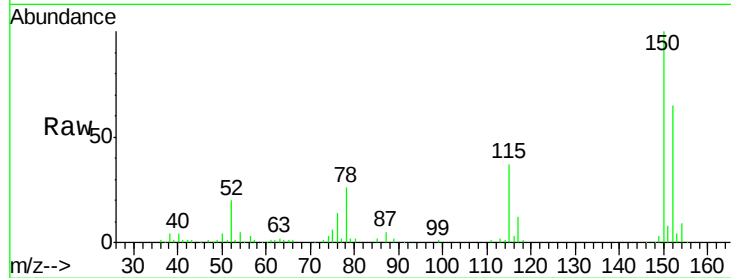
Tgt Ion:152 Resp: 52569

Ion Ratio Lower Upper

152 100

150 154.6 124.7 187.1

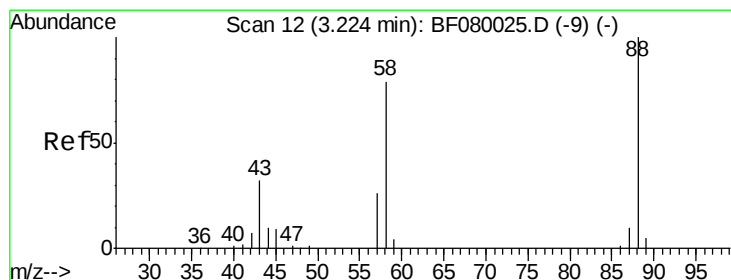
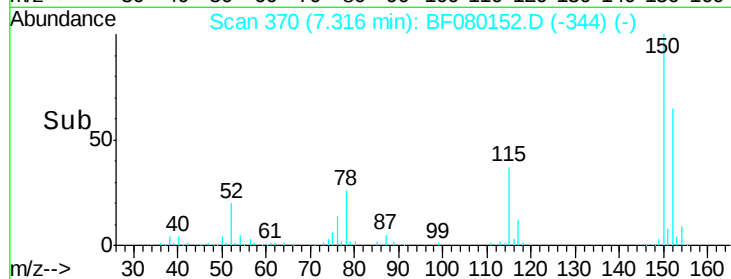
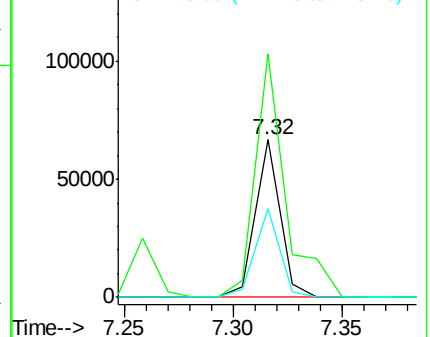
115 56.6 39.0 58.4



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: 35.07 ng

RT: 3.21 min Scan# 11

Delta R.T. 0.03 min

Lab File: BF080152.D

Acq: 25 Jun 2015 3:06

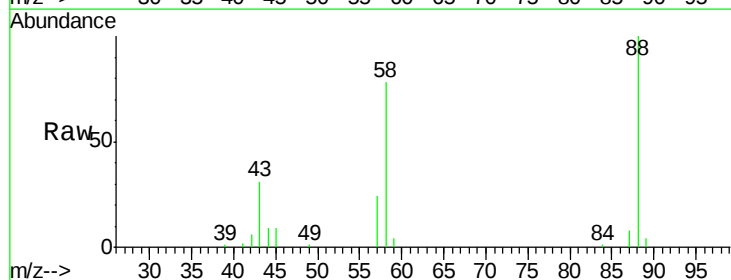
Tgt Ion: 88 Resp: 49504

Ion Ratio Lower Upper

88 100

58 80.8 77.7 116.5

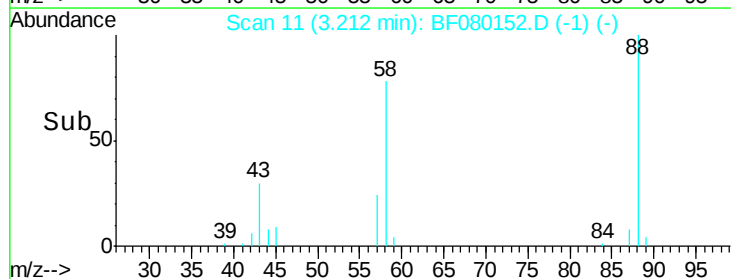
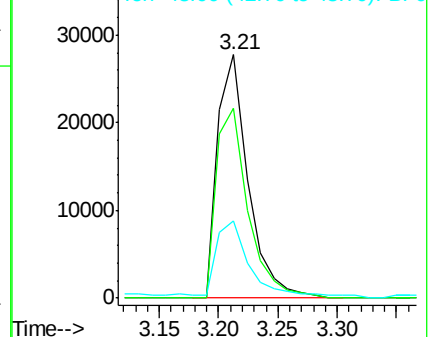
43 36.1 26.6 40.0

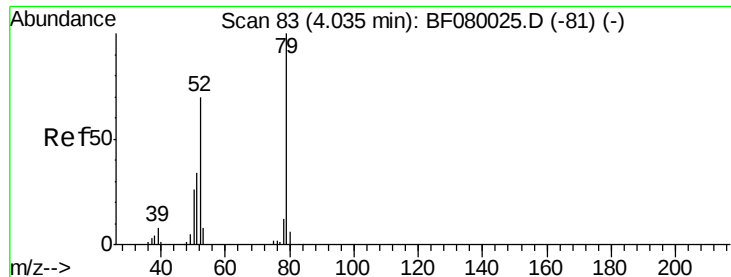


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 40.35 ng

RT: 4.01 min Scan# 81

Delta R.T. 0.01 min

Lab File: BF080152.D

Acq: 25 Jun 2015 3:06

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MSD

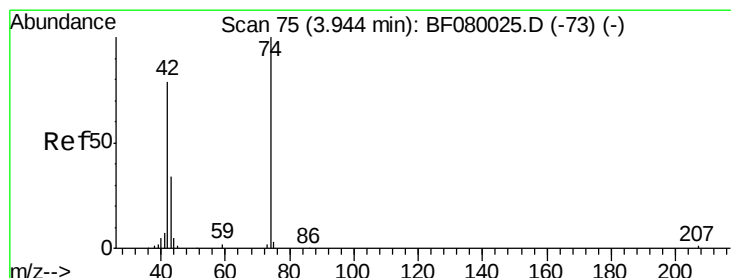
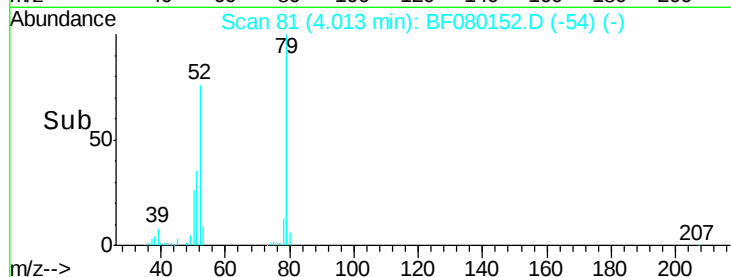
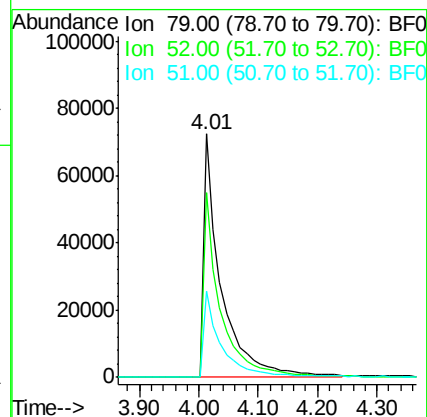
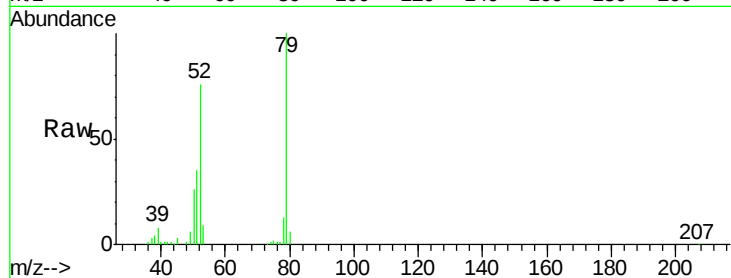
Tgt Ion: 79 Resp: 151488

Ion Ratio Lower Upper

79 100

52 75.9 76.8 115.2#

51 35.2 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 46.74 ng

RT: 3.93 min Scan# 74

Delta R.T. 0.02 min

Lab File: BF080152.D

Acq: 25 Jun 2015 3:06

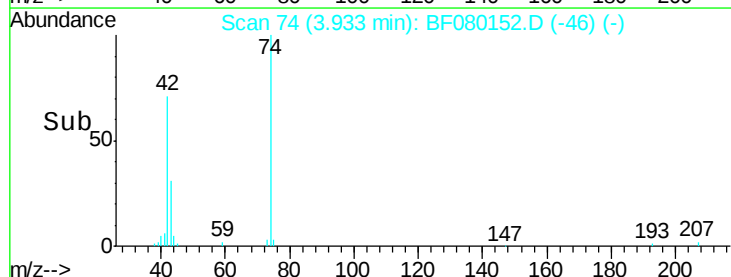
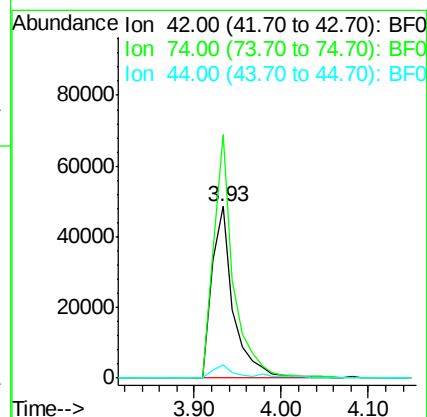
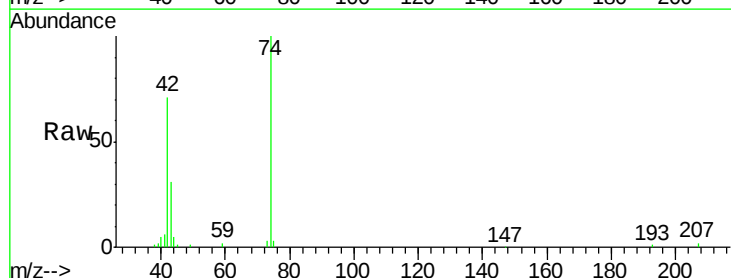
Tgt Ion: 42 Resp: 83386

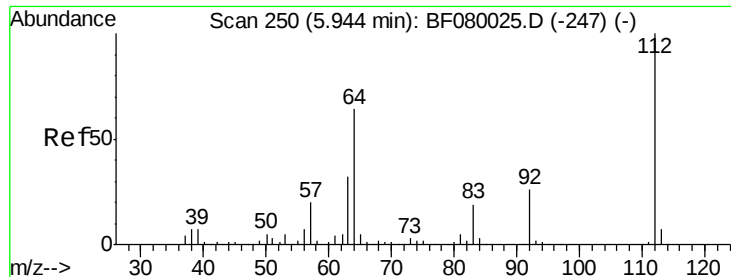
Ion Ratio Lower Upper

42 100

74 141.7 105.0 157.6

44 7.6 6.6 10.0





#5

2-Fluorophenol

Concen: 159.01 ng

RT: 5.93 min Scan# 249

Delta R.T. 0.01 min

Lab File: BF080152.D

Acq: 25 Jun 2015 3:06

Instrument :

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ClientSampleId :

SB-76(11-13)MSD

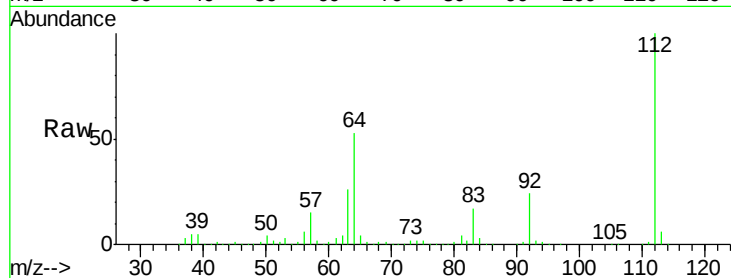
Tgt Ion: 112 Resp: 472213

Ion Ratio Lower Upper

112 100

64 52.6 39.7 59.5

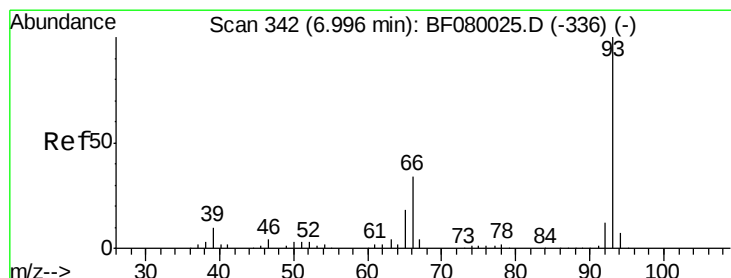
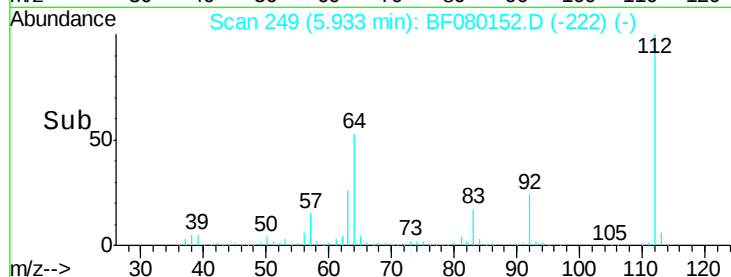
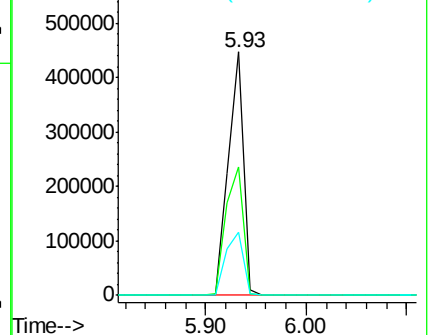
63 26.0 17.4 26.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 26.95 ng

RT: 6.97 min Scan# 340

Delta R.T. -0.00 min

Lab File: BF080152.D

Acq: 25 Jun 2015 3:06

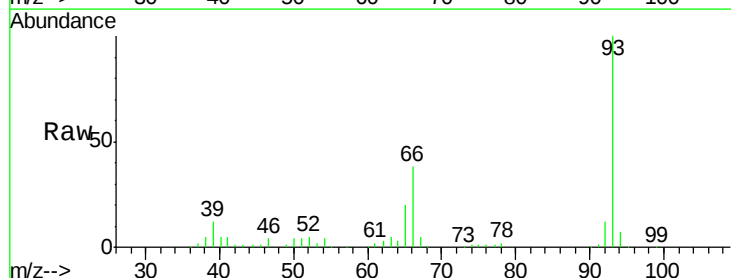
Tgt Ion: 93 Resp: 146516

Ion Ratio Lower Upper

93 100

66 38.1 27.2 40.8

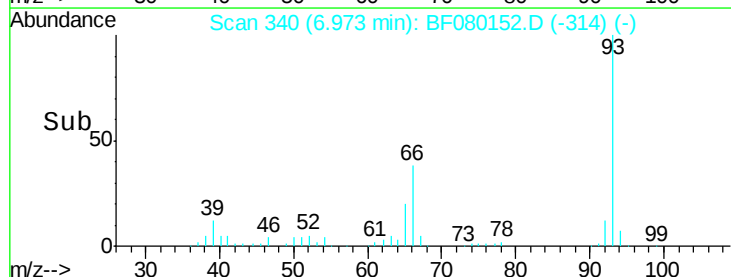
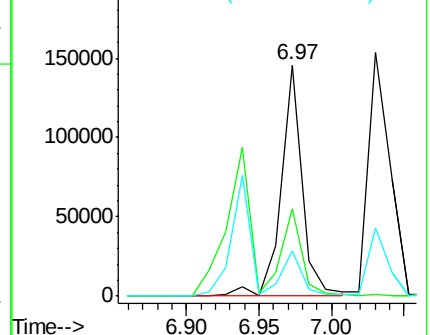
65 19.6 14.7 22.1



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 159.42 ng

RT: 6.93 min Scan# 336

Delta R.T. 0.01 min

Lab File: BF080152.D

Acq: 25 Jun 2015 3:06

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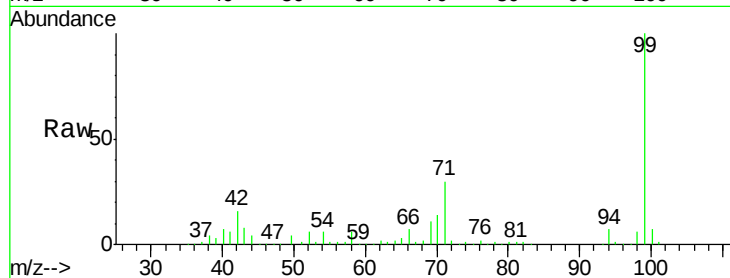
Tgt Ion: 99 Resp: 630006

Ion Ratio Lower Upper

99 100

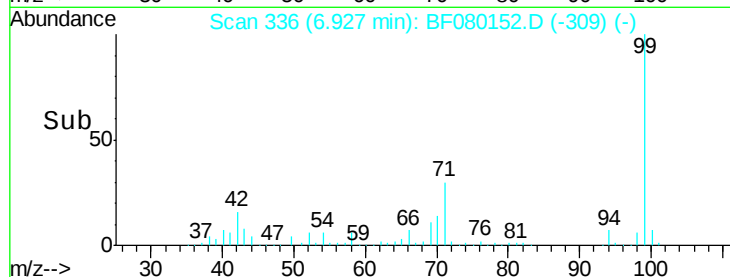
42 15.7 13.7 20.5

71 29.8 14.2 21.2#

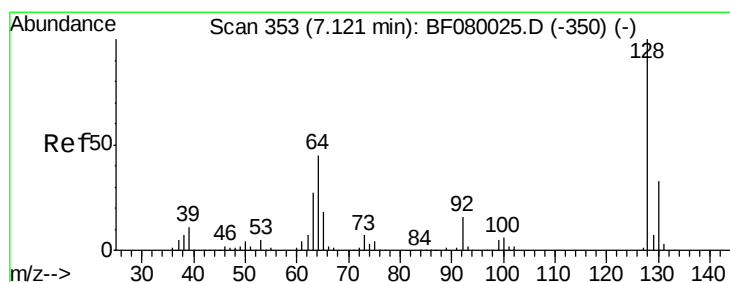


Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0

6.93



Time-->



#8

2-Chlorophenol

Concen: 50.23 ng

RT: 7.10 min Scan# 351

Delta R.T. -0.00 min

Lab File: BF080152.D

Acq: 25 Jun 2015 3:06

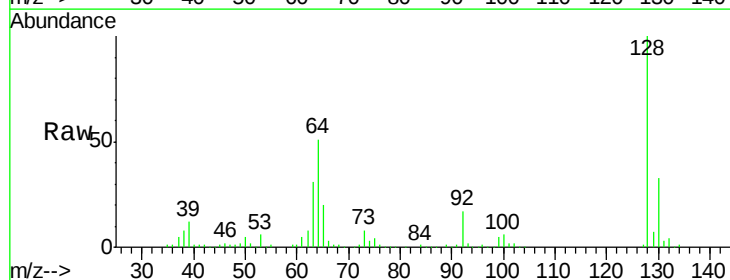
Tgt Ion: 128 Resp: 172402

Ion Ratio Lower Upper

128 100

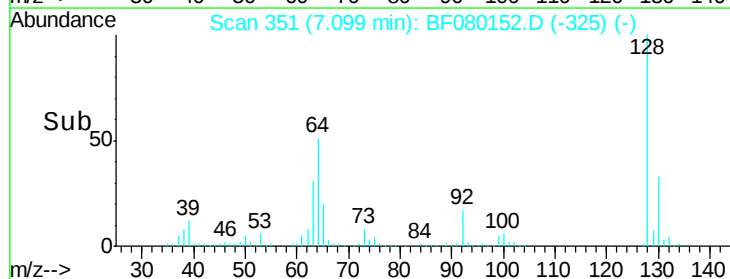
130 32.9 12.2 52.2

64 51.4 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

7.10



Time-->



#9

Benzaldehyde

Concen: 43.16 ng

RT: 6.86 min Scan# 330

Delta R.T. -0.00 min

Lab File: BF080152.D

Acq: 25 Jun 2015 3:06

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MSD

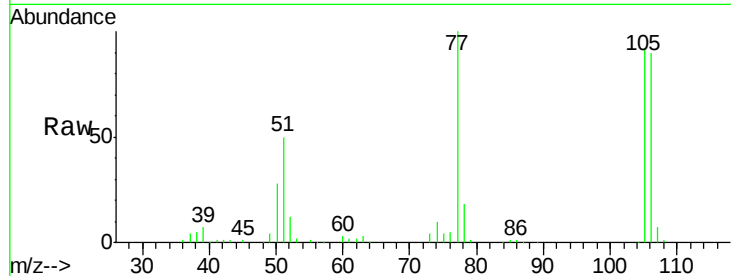
Tgt Ion: 77 Resp: 98464

Ion Ratio Lower Upper

77 100

105 91.8 91.6 131.6

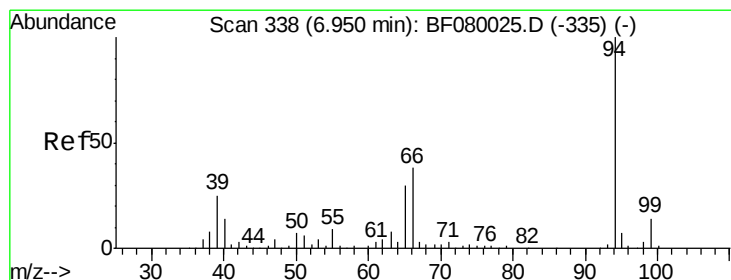
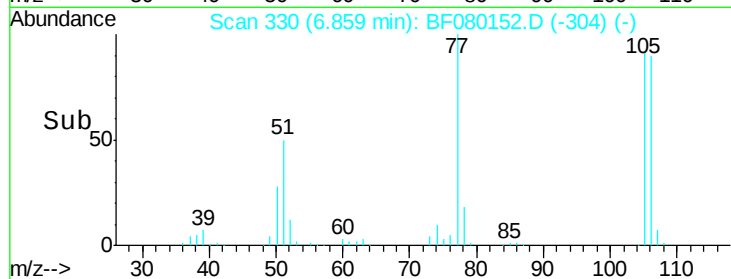
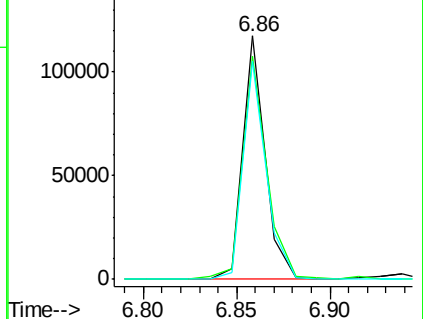
106 89.8 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 54.23 ng

RT: 6.94 min Scan# 337

Delta R.T. 0.01 min

Lab File: BF080152.D

Acq: 25 Jun 2015 3:06

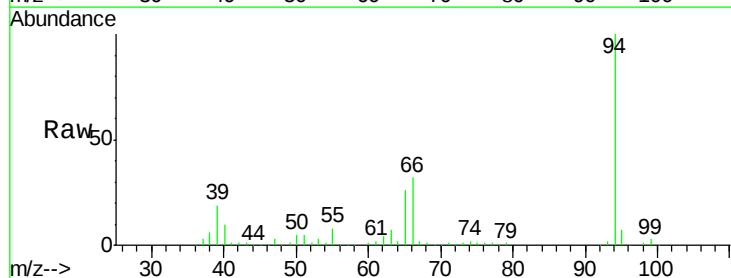
Tgt Ion: 94 Resp: 233865

Ion Ratio Lower Upper

94 100

65 25.8 0.7 40.7

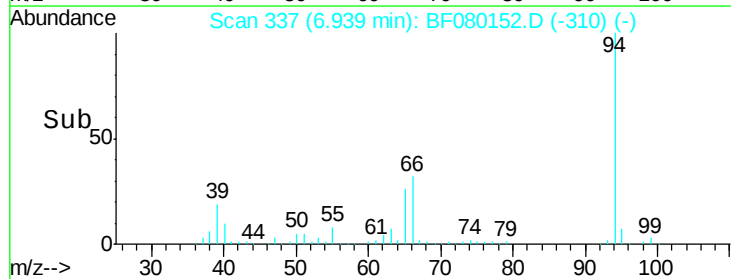
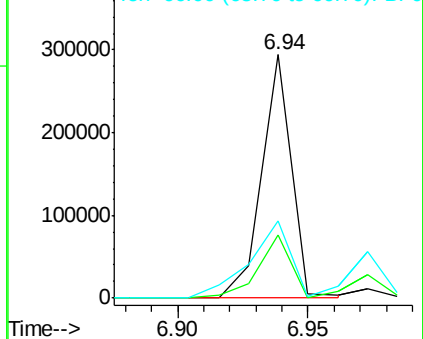
66 31.9 0.8 40.8



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

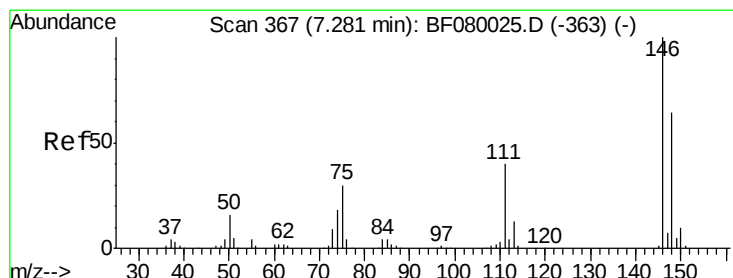
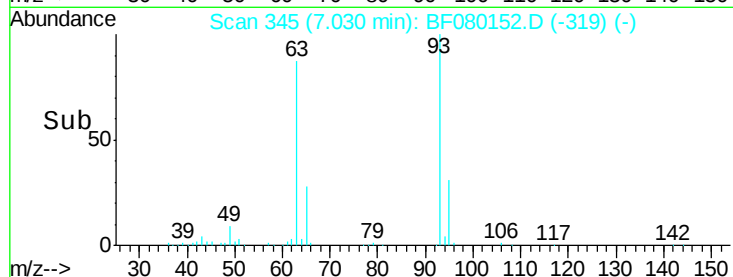
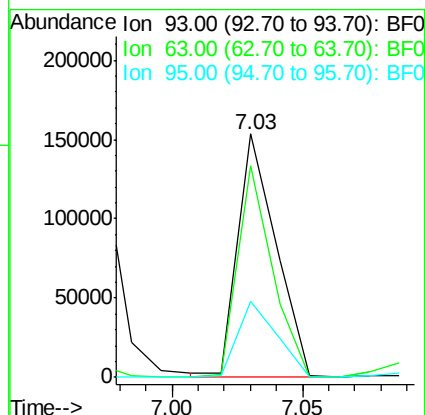
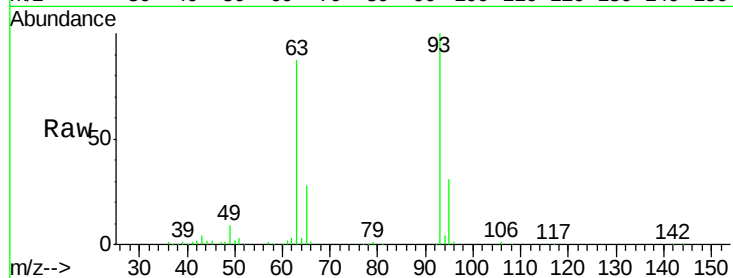




#11
 bis(2-Chloroethyl)ether
 Concen: 46.44 ng
 RT: 7.03 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: BF080152.D
 Acq: 25 Jun 2015 3:06

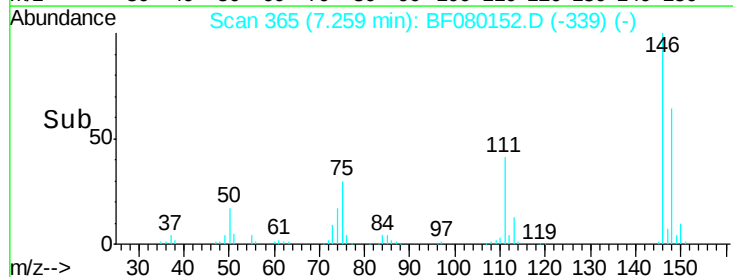
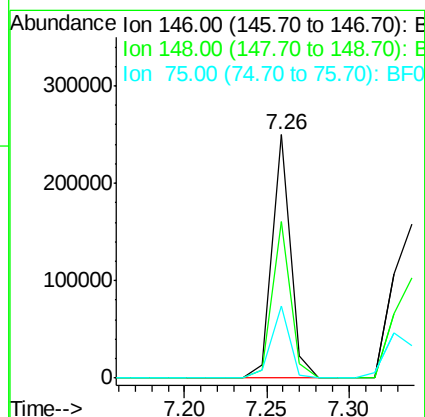
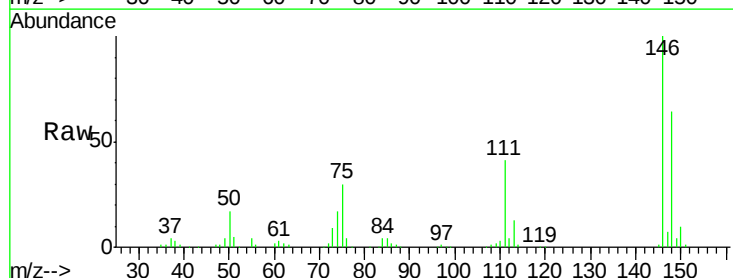
Instrument :
 BNA_F
 ClientSampleId :
 SB-76(11-13)MSD

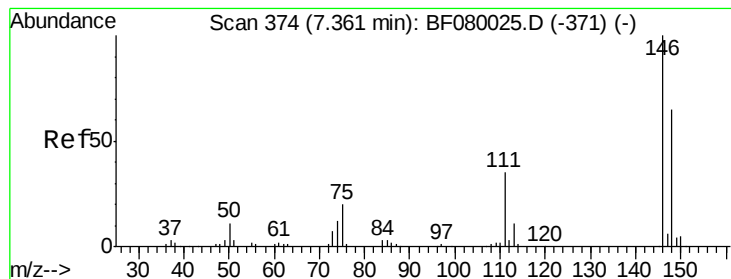
Tgt Ion: 93 Resp: 158896
 Ion Ratio Lower Upper
 93 100
 63 87.1 65.6 105.6
 95 31.4 13.6 53.6



#12
 1,3-Dichlorobenzene
 Concen: 47.62 ng m
 RT: 7.26 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: BF080152.D
 Acq: 25 Jun 2015 3:06

Tgt Ion: 146 Resp: 196368
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.0 76.4
 75 29.7 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 46.53 ng

RT: 7.34 min Scan# 372

Delta R.T. 0.01 min

Lab File: BF080152.D

Acq: 25 Jun 2015 3:06

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MSD

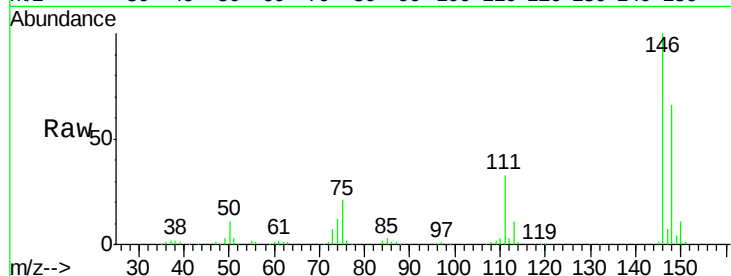
Tgt Ion:146 Resp: 182469

Ion Ratio Lower Upper

146 100

148 65.7 51.8 77.6

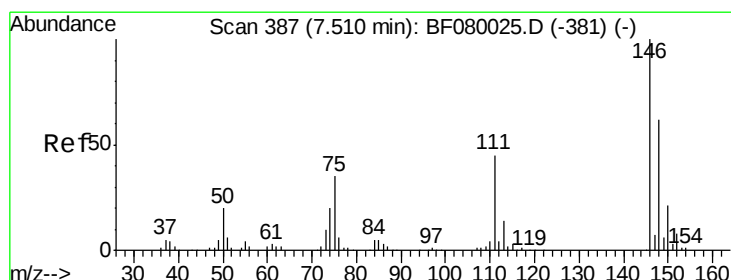
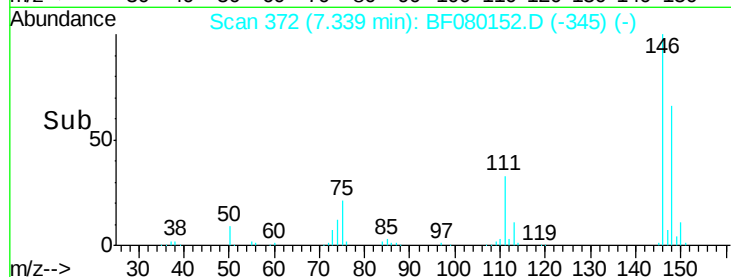
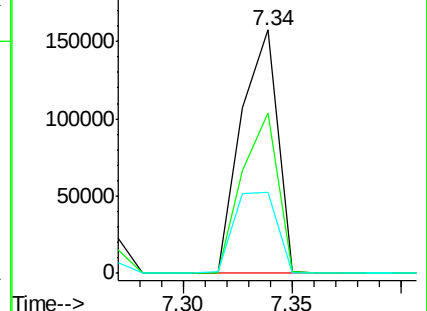
111 33.3 24.9 37.3



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: 47.43 ng m

RT: 7.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080152.D

Acq: 25 Jun 2015 3:06

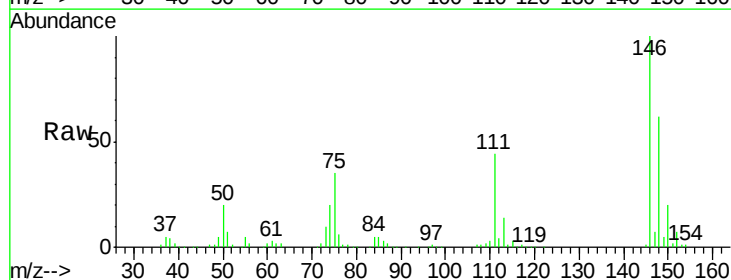
Tgt Ion:146 Resp: 180984

Ion Ratio Lower Upper

146 100

148 62.1 52.7 79.1

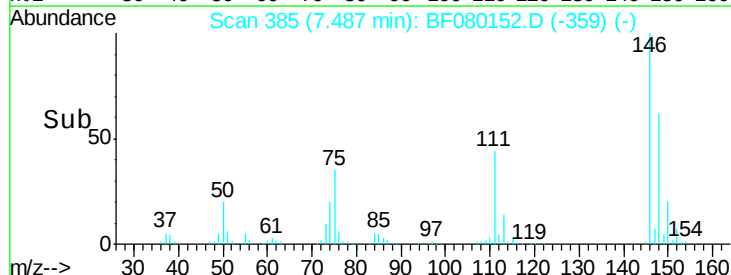
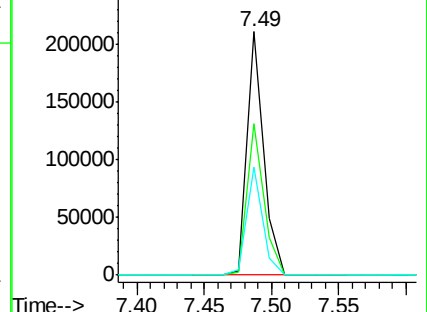
111 44.1 28.8 43.2#



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: 49.14 ng

RT: 7.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF080152.D

Acq: 25 Jun 2015 3:06

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MSD

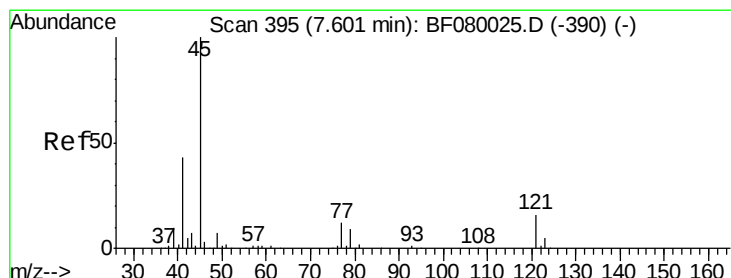
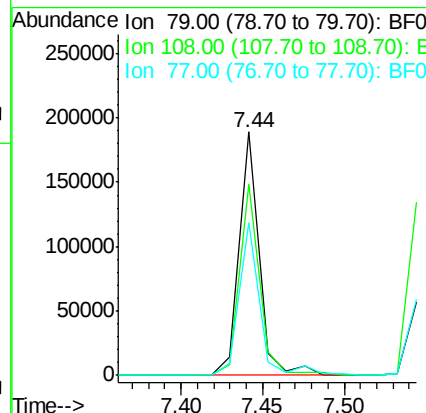
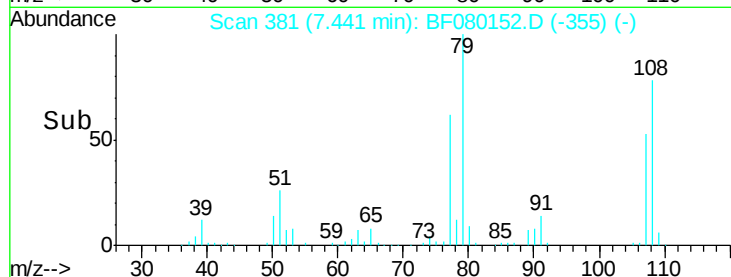
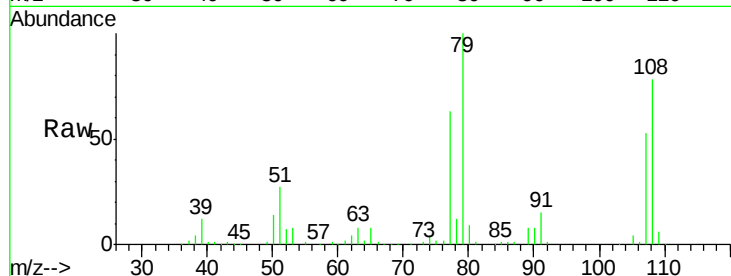
Tgt Ion: 79 Resp: 158772

Ion Ratio Lower Upper

79 100

108 78.3 88.6 132.8#

77 62.7 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.56 ng

RT: 7.58 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF080152.D

Acq: 25 Jun 2015 3:06

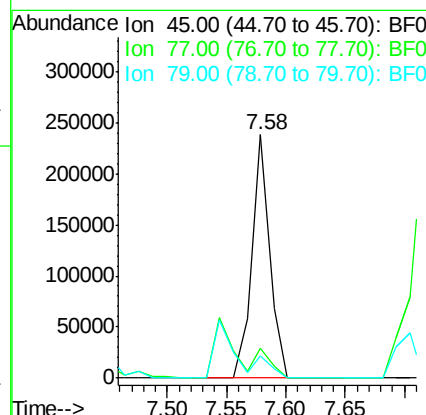
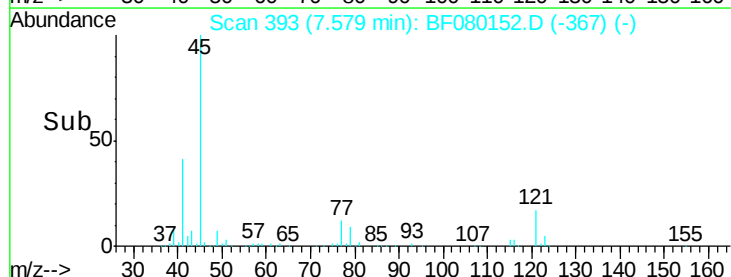
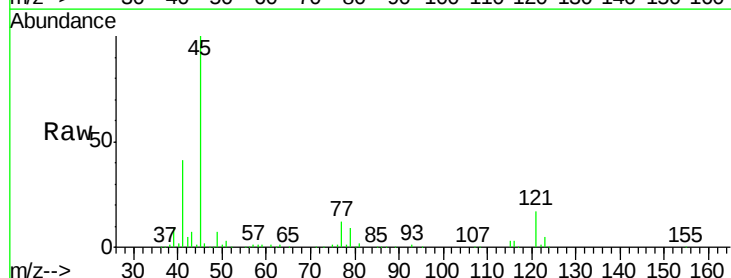
Tgt Ion: 45 Resp: 251725

Ion Ratio Lower Upper

45 100

77 12.1 0.0 28.1

79 9.2 0.0 26.0

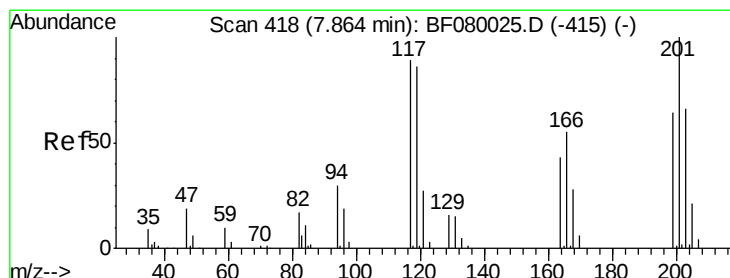
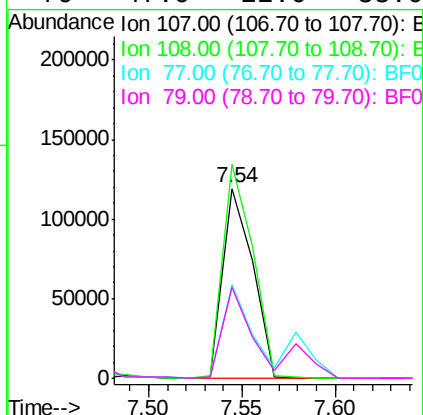
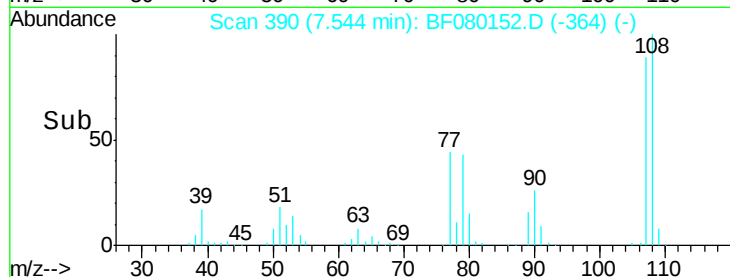
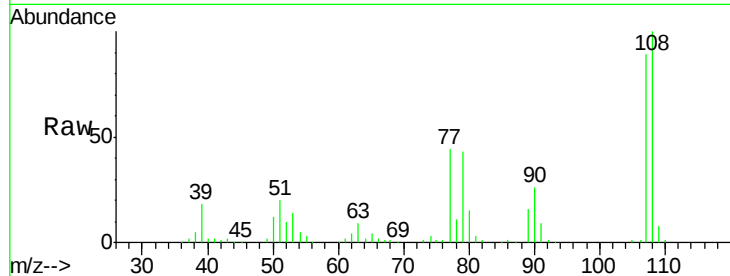




#17
2-Methylphenol
Concen: 45.84 ng
RT: 7.54 min Scan# 390
Delta R.T. -0.00 min
Lab File: BF080152.D
Acq: 25 Jun 2015 3:06

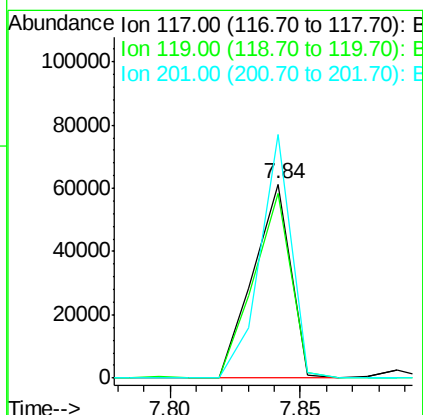
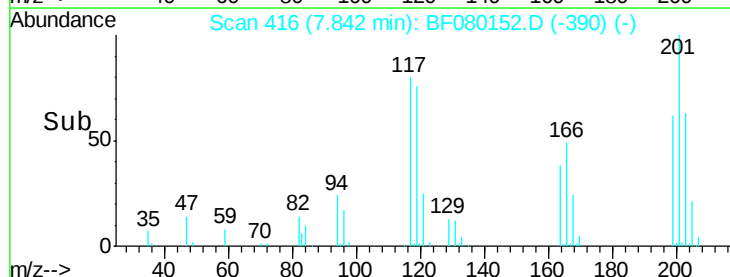
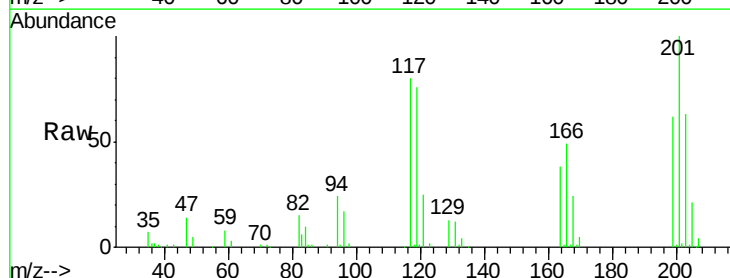
Instrument :
BNA_F
ClientSampleId :
SB-76(11-13)MSD

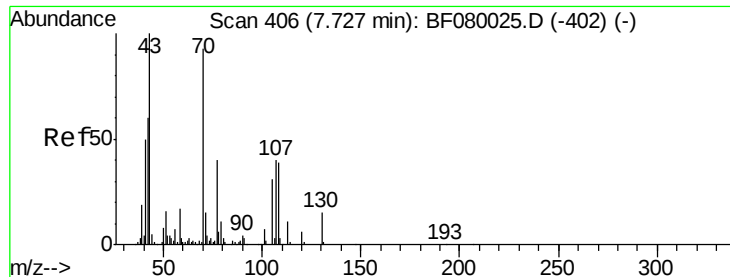
Tgt Ion:107 Resp: 134400
Ion Ratio Lower Upper
107 100
108 112.5 96.6 145.0
77 49.3 23.3 34.9#
79 47.9 22.0 33.0#



#18
Hexachloroethane
Concen: 47.81 ng
RT: 7.84 min Scan# 416
Delta R.T. -0.00 min
Lab File: BF080152.D
Acq: 25 Jun 2015 3:06

Tgt Ion:117 Resp: 62419
Ion Ratio Lower Upper
117 100
119 95.4 83.8 125.6
201 125.4 55.1 82.7#

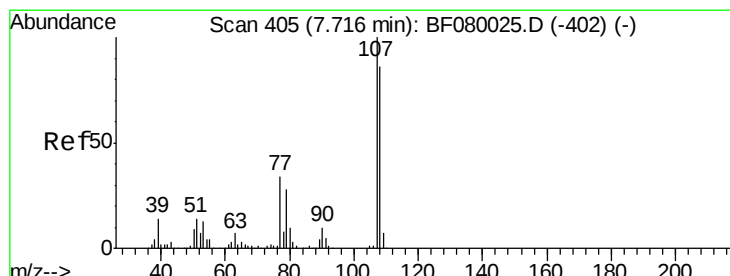
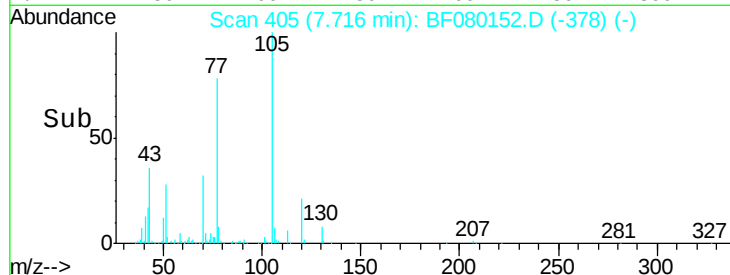
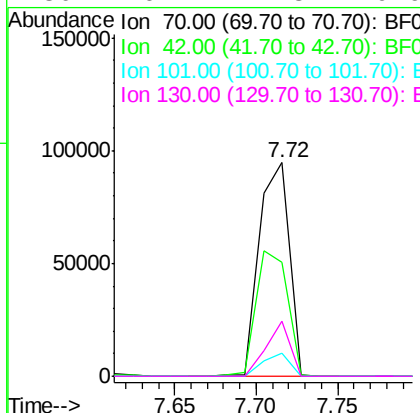
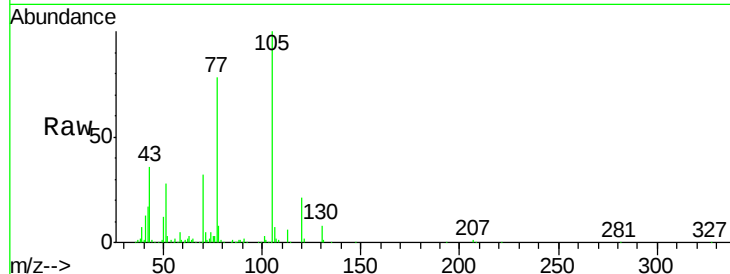




#19
n-Nitroso-di-n-propylamine
Concen: 44.37 ng
RT: 7.72 min Scan# 405
Delta R.T. 0.01 min
Lab File: BF080152.D
Acq: 25 Jun 2015 3:06

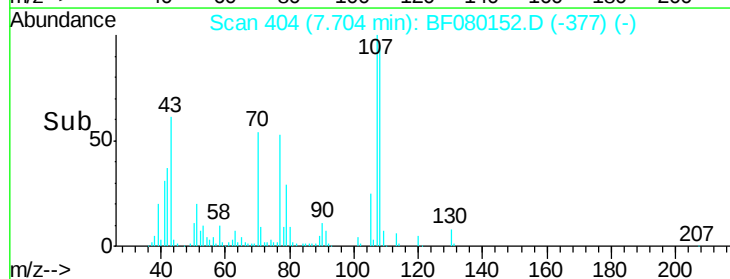
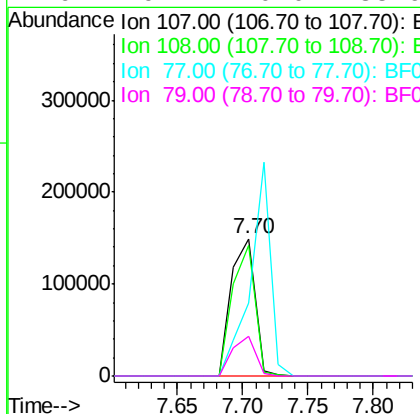
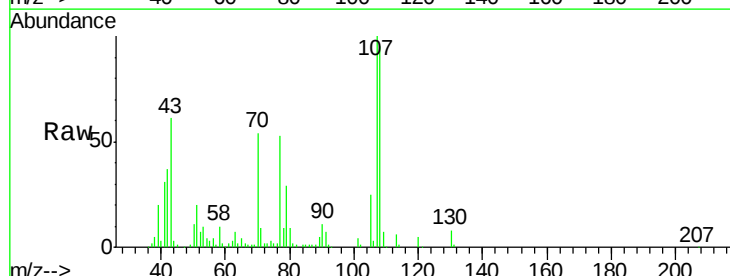
Instrument :
BNA_F
ClientSampleId :
SB-76(11-13)MSD

Tgt Ion: 70 Resp: 121736
Ion Ratio Lower Upper
70 100
42 53.4 63.8 95.6#
101 10.6 9.2 13.8
130 26.1 27.3 40.9#



#20
3+4-Methylphenols
Concen: 50.14 ng
RT: 7.70 min Scan# 404
Delta R.T. 0.01 min
Lab File: BF080152.D
Acq: 25 Jun 2015 3:06

Tgt Ion: 107 Resp: 189701
Ion Ratio Lower Upper
107 100
108 94.9 74.6 114.6
77 52.9 0.7 40.7#
79 29.4 0.0 38.9

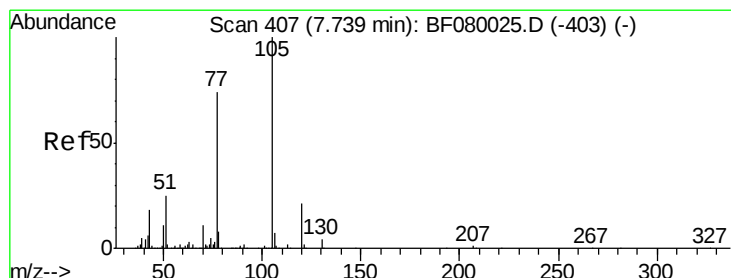
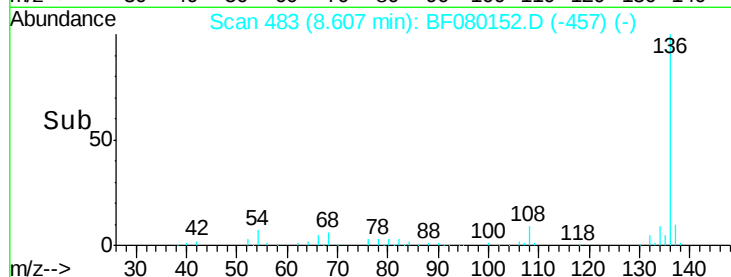
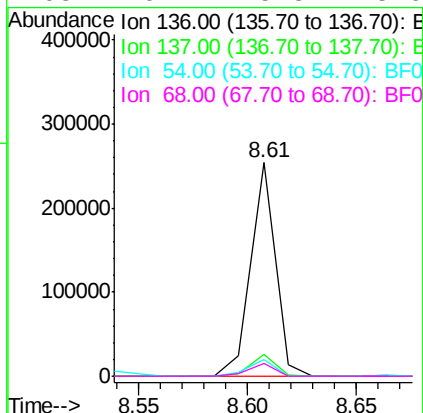
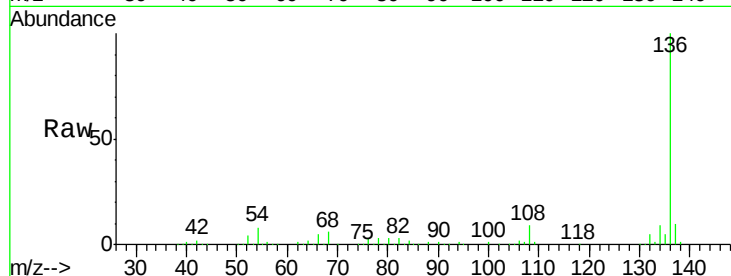




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.61 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF080152.D
Acq: 25 Jun 2015 3:06

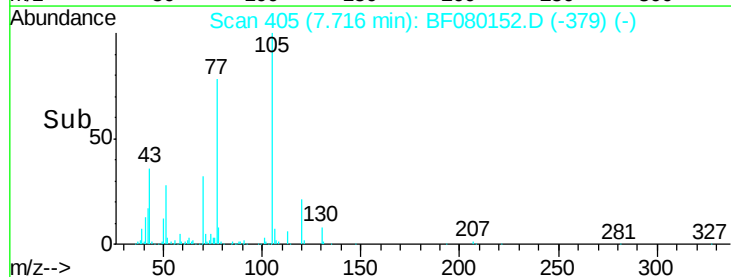
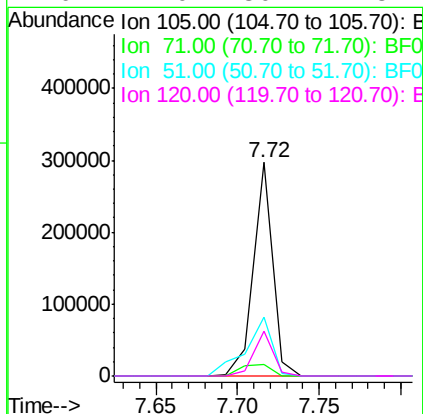
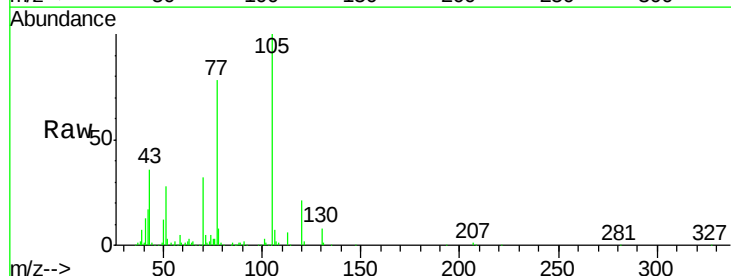
Instrument :
BNA_F
ClientSampleId :
SB-76(11-13)MSD

Tgt Ion:	136	Resp:	201226
Ion Ratio	Lower	Upper	
136	100		
137	10.5	9.0	13.6
54	7.5	8.2	12.2#
68	6.1	5.8	8.6



#22
Acetophenone
Concen: 52.12 ng
RT: 7.72 min Scan# 405
Delta R.T. -0.00 min
Lab File: BF080152.D
Acq: 25 Jun 2015 3:06

Tgt Ion:	105	Resp:	244399
Ion Ratio	Lower	Upper	
105	100		
71	5.5	4.7	7.1
51	27.6	22.0	33.0
120	21.0	30.1	45.1#

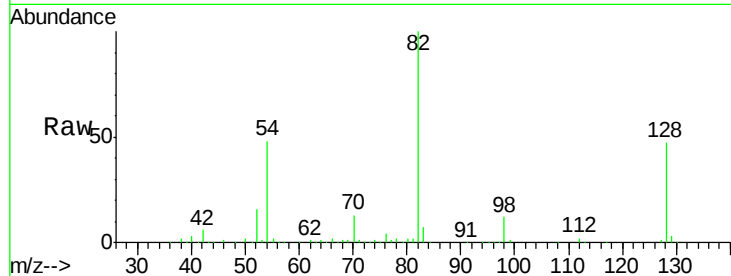




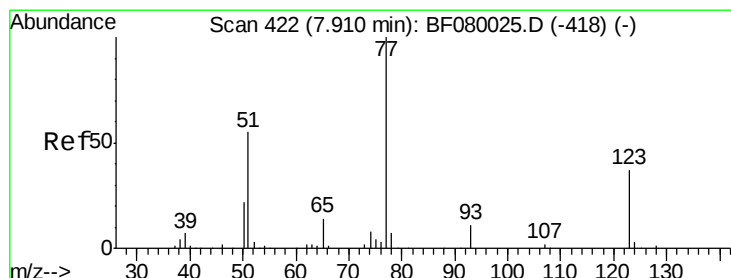
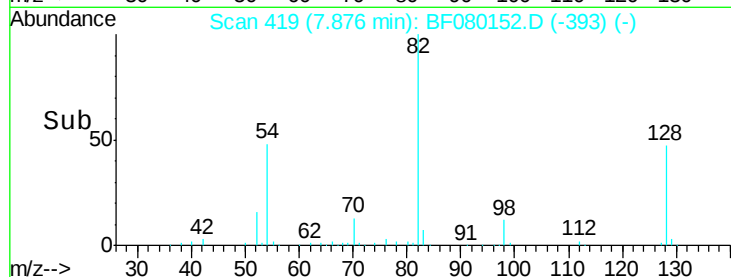
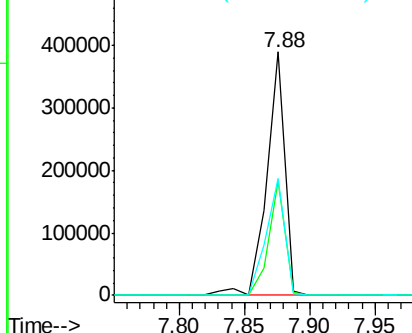
#23
 Nitrobenzene-d5
 Concen: 109.75 ng
 RT: 7.88 min Scan# 419
 Delta R.T. -0.00 min
 Lab File: BF080152.D
 Acq: 25 Jun 2015 3:06

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

Tgt Ion: 82 Resp: 379343
 Ion Ratio Lower Upper
 82 100
 128 46.9 51.0 76.6#
 54 48.1 47.5 71.3

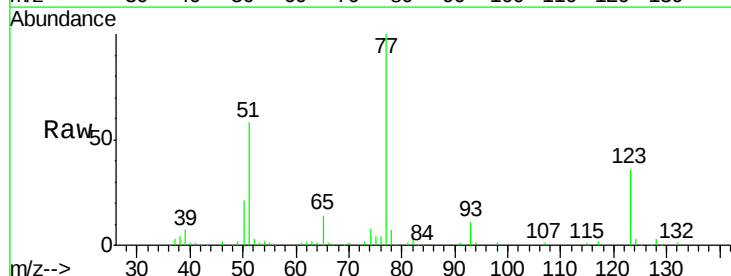


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

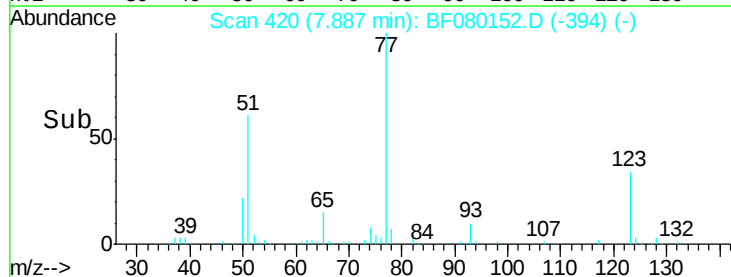
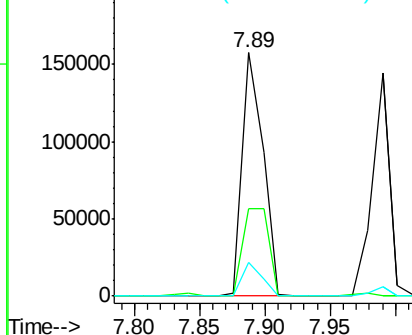


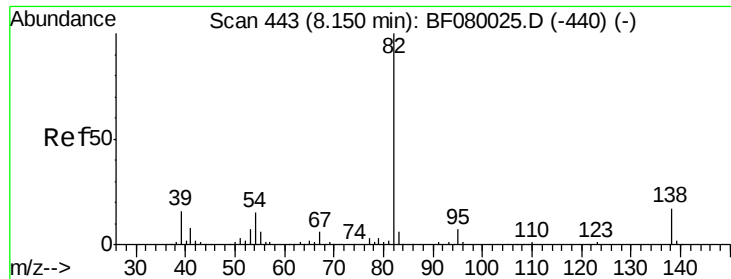
#24
 Nitrobenzene
 Concen: 49.06 ng
 RT: 7.89 min Scan# 420
 Delta R.T. -0.00 min
 Lab File: BF080152.D
 Acq: 25 Jun 2015 3:06

Tgt Ion: 77 Resp: 175024
 Ion Ratio Lower Upper
 77 100
 123 35.7 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): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 49.15 ng

RT: 8.13 min Scan# 441

Delta R.T. -0.00 min

Lab File: BF080152.D

Acq: 25 Jun 2015 3:06

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MSD

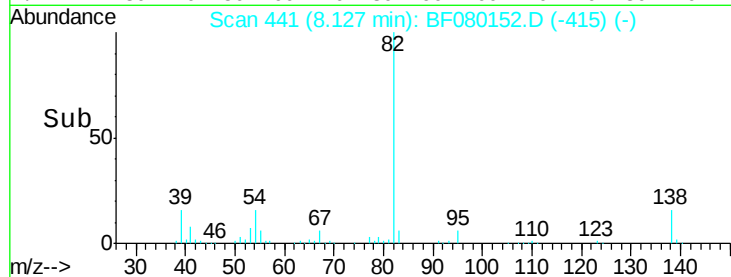
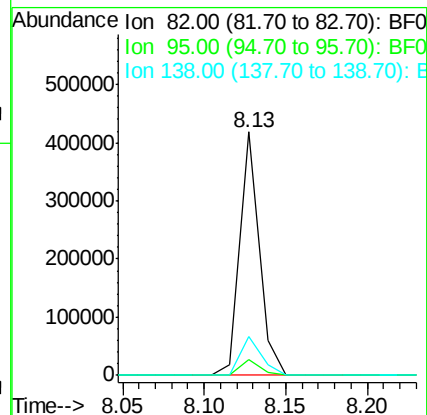
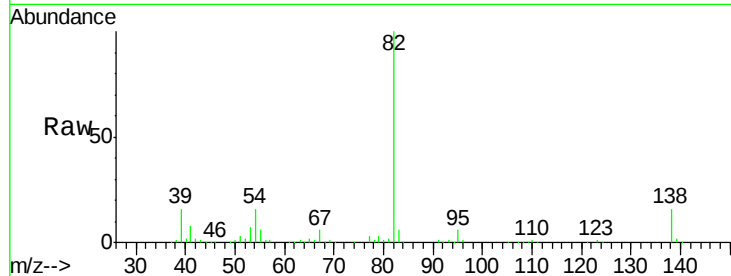
Tgt Ion: 82 Resp: 341881

Ion Ratio Lower Upper

82 100

95 6.4 4.0 6.0#

138 16.0 18.3 27.5#



#26

2-Nitrophenol

Concen: 57.01 ng

RT: 8.22 min Scan# 449

Delta R.T. 0.01 min

Lab File: BF080152.D

Acq: 25 Jun 2015 3:06

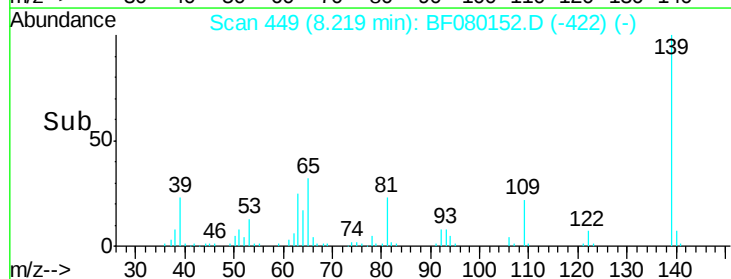
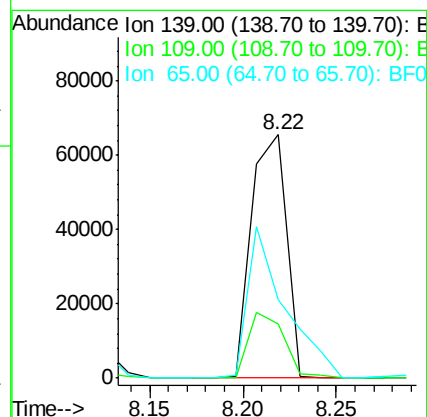
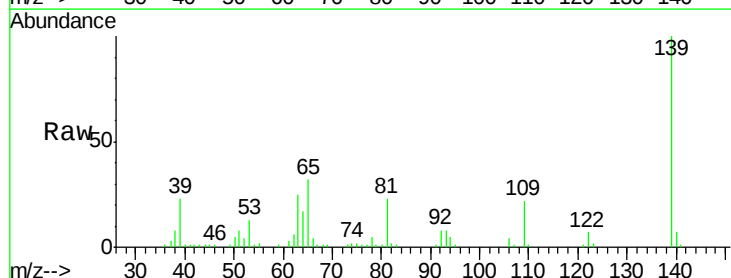
Tgt Ion: 139 Resp: 85129

Ion Ratio Lower Upper

139 100

109 22.0 11.0 16.4#

65 32.2 24.7 37.1

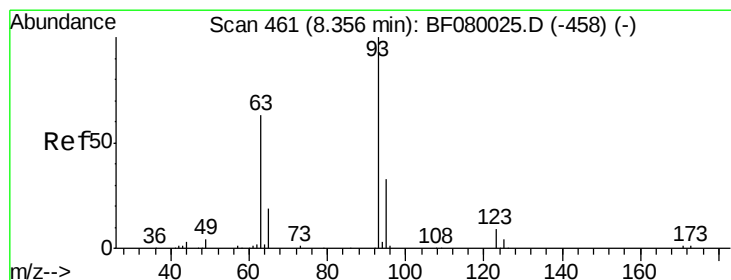
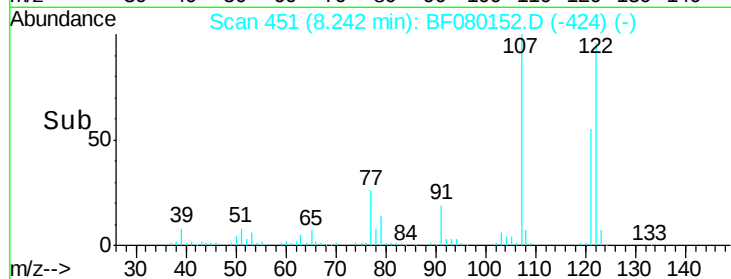
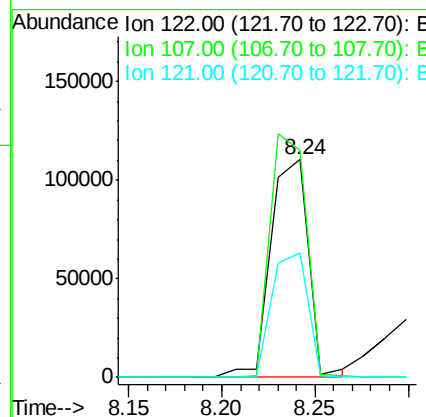
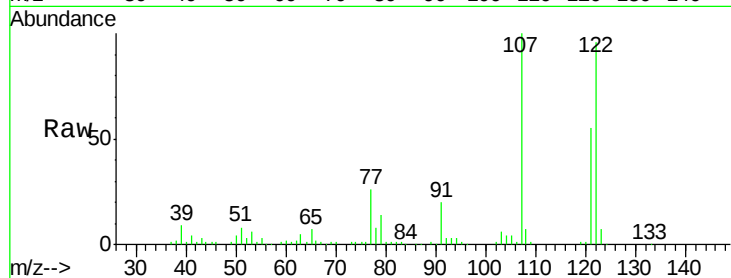




#27
 2,4-Dimethylphenol
 Concen: 49.77 ng
 RT: 8.24 min Scan# 451
 Delta R.T. 0.01 min
 Lab File: BF080152.D
 Acq: 25 Jun 2015 3:06

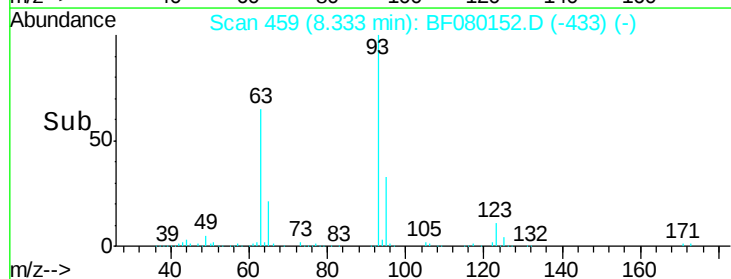
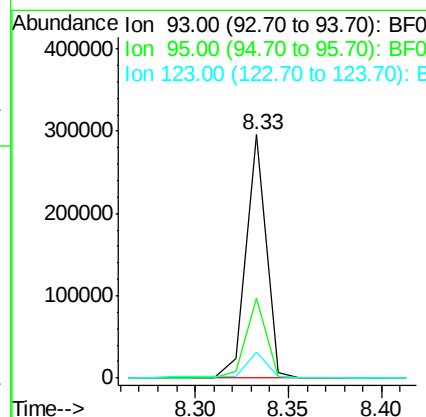
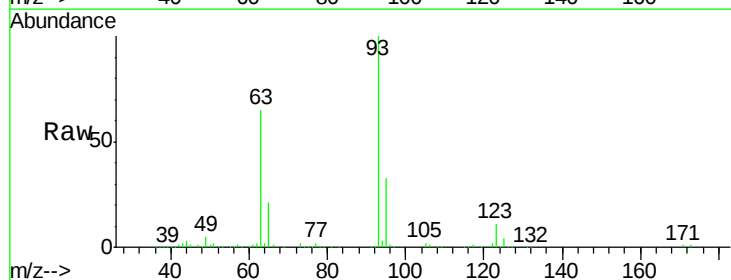
Instrument :
 BNA_F
 ClientSampleId :
 SB-76(11-13)MSD

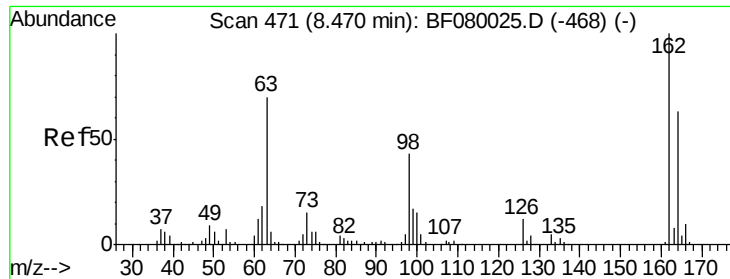
Tgt Ion:122 Resp: 154976
 Ion Ratio Lower Upper
 122 100
 107 104.0 71.8 107.6
 121 57.2 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 54.98 ng
 RT: 8.33 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: BF080152.D
 Acq: 25 Jun 2015 3:06

Tgt Ion: 93 Resp: 224724
 Ion Ratio Lower Upper
 93 100
 95 32.6 27.5 41.3
 123 10.7 13.7 20.5#

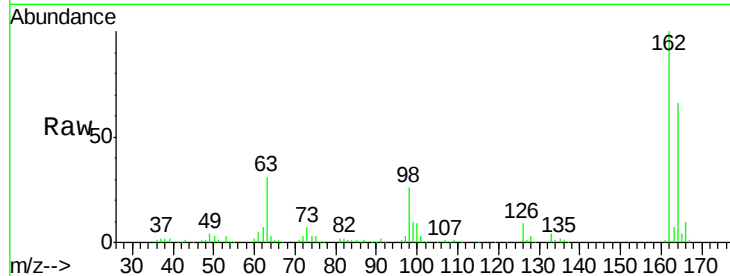




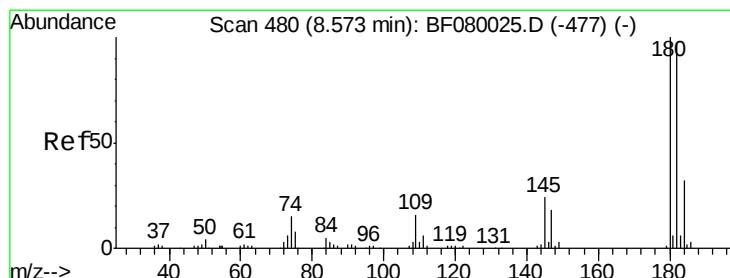
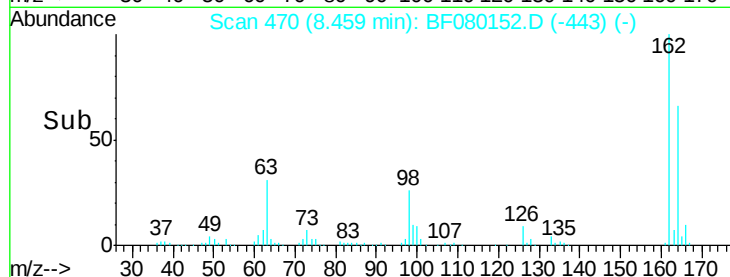
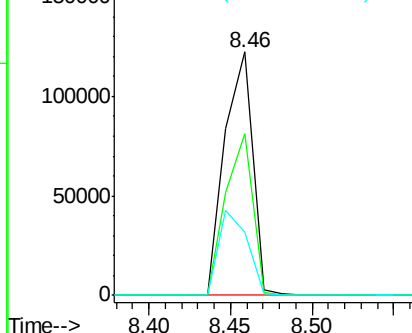
#29
 2,4-Dichlorophenol
 Concen: 53.95 ng
 RT: 8.46 min Scan# 470
 Delta R.T. 0.01 min
 Lab File: BF080152.D
 Acq: 25 Jun 2015 3:06

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

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.2	44.9	84.9
98	26.1	13.0	53.0

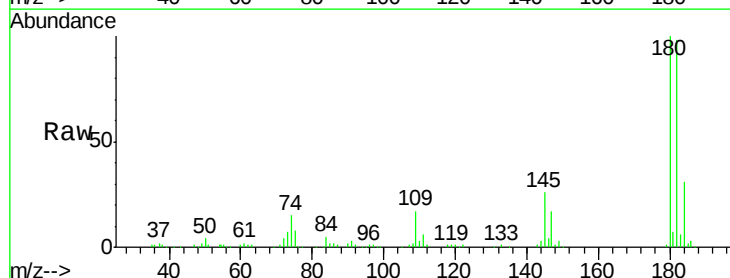


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

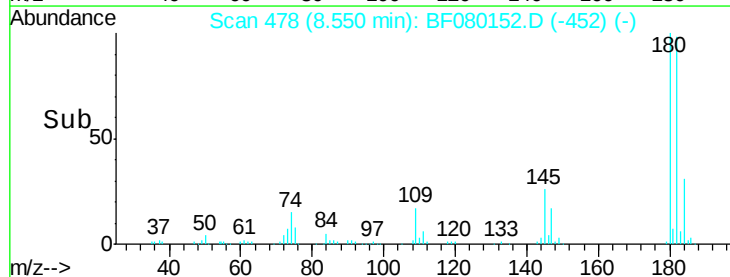
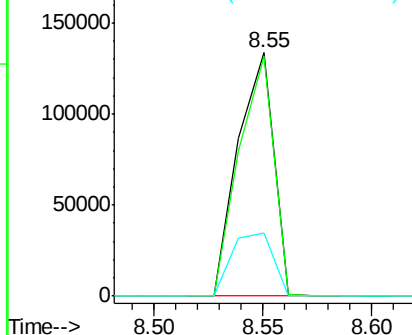


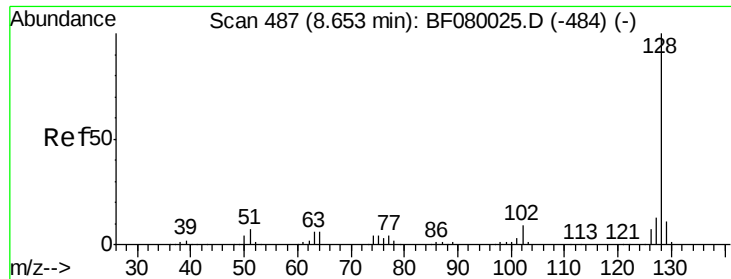
#30
 1,2,4-Trichlorobenzene
 Concen: 50.11 ng
 RT: 8.55 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: BF080152.D
 Acq: 25 Jun 2015 3:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.4	77.1	115.7
145	25.7	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

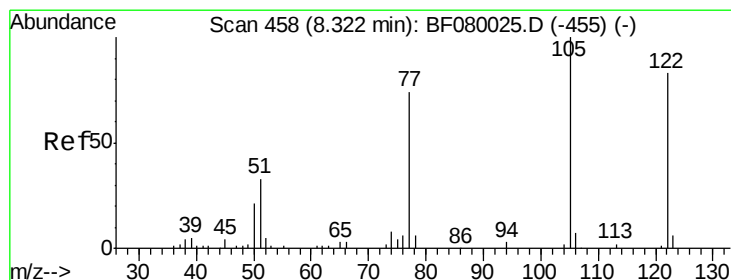
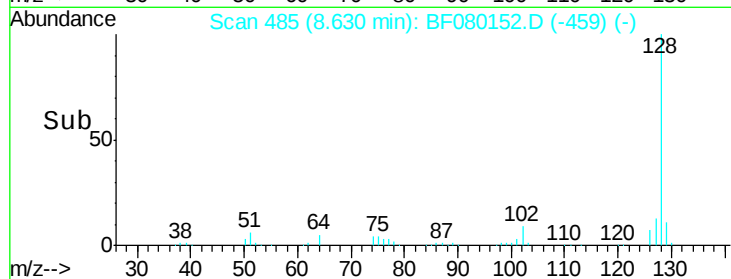
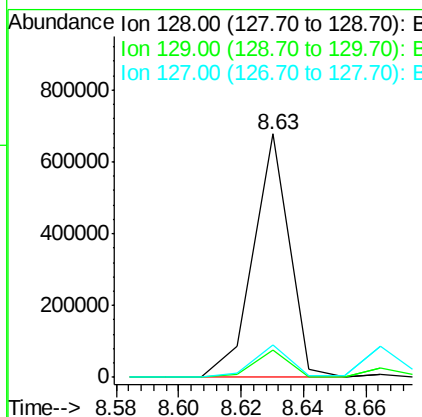
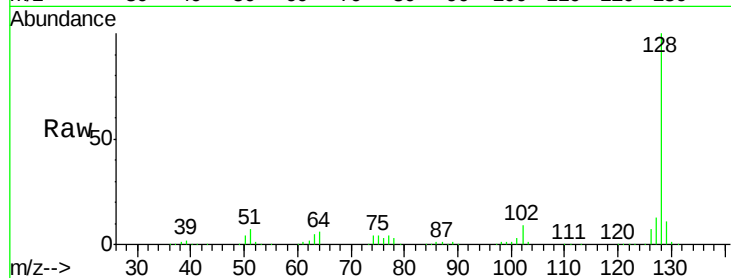




#31
Naphthalene
Concen: 51.48 ng m
RT: 8.63 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF080152.D
Acq: 25 Jun 2015 3:06

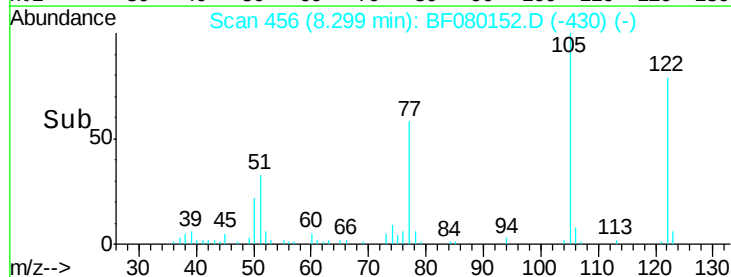
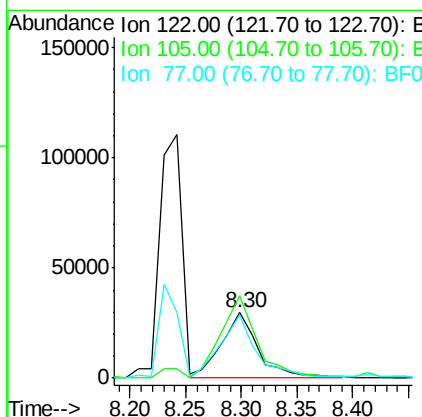
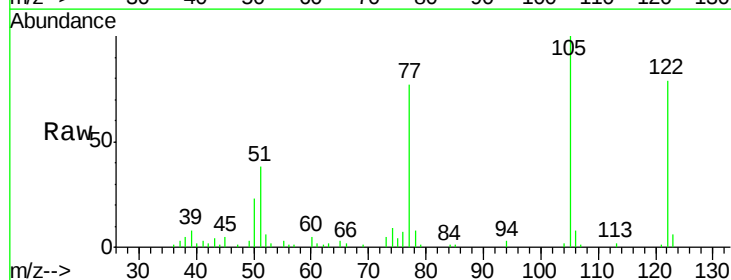
Instrument :
BNA_F
ClientSampleId :
SB-76(11-13)MSD

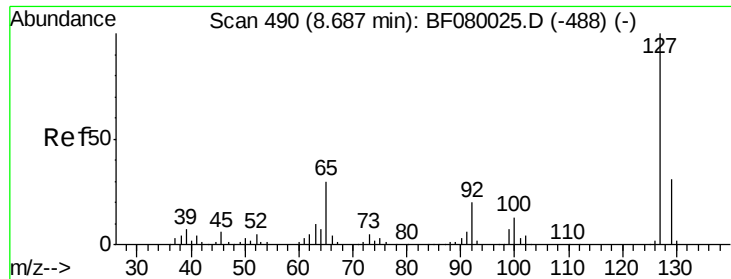
Tgt Ion:128 Resp: 541636
Ion Ratio Lower Upper
128 100
129 11.3 8.4 12.6
127 13.2 9.9 14.9



#32
Benzoic acid
Concen: 36.67 ng m
RT: 8.30 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF080152.D
Acq: 25 Jun 2015 3:06

Tgt Ion:122 Resp: 69043
Ion Ratio Lower Upper
122 100
105 126.7 76.1 116.1#
77 97.4 40.5 80.5#

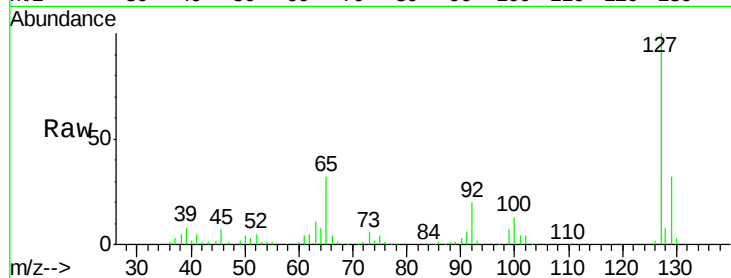




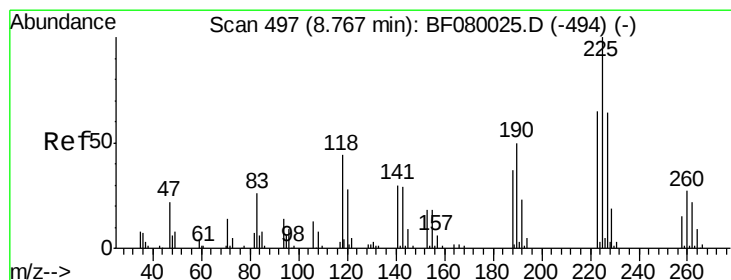
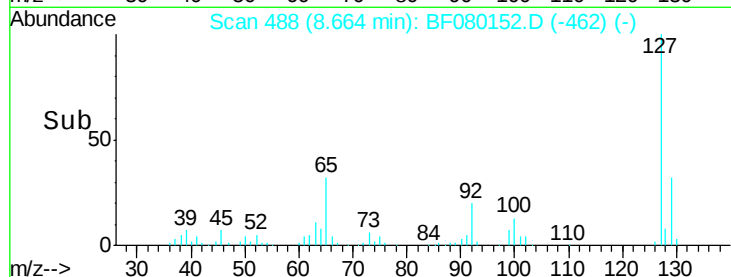
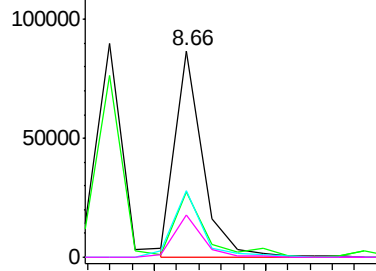
#33
4-Chloroaniline
Concen: 16.61 ng m
RT: 8.66 min Scan# 488
Delta R.T. -0.00 min
Lab File: BF080152.D
Acq: 25 Jun 2015 3:06

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

Tgt Ion:127 Resp: 74794
Ion Ratio Lower Upper
127 100
129 31.8 25.8 38.6
65 32.2 17.9 26.9#
92 20.5 10.5 15.7#

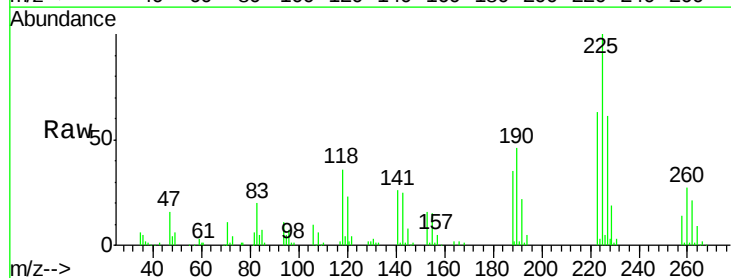


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

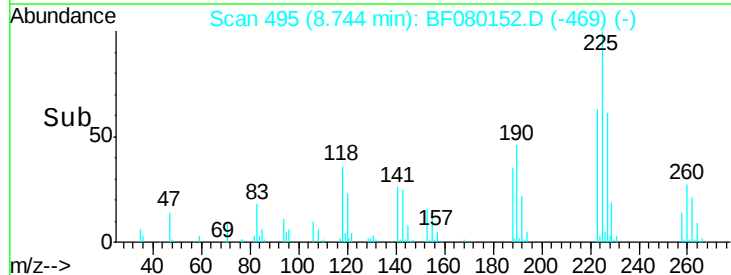
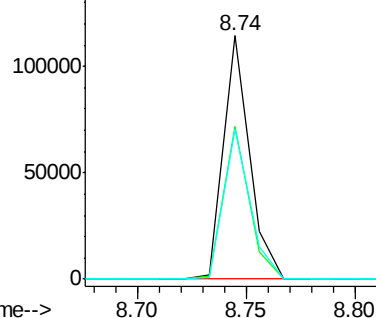


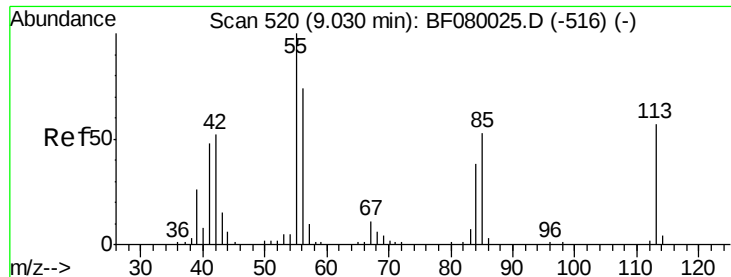
#34
Hexachlorobutadiene
Concen: 51.05 ng
RT: 8.74 min Scan# 495
Delta R.T. -0.00 min
Lab File: BF080152.D
Acq: 25 Jun 2015 3:06

Tgt Ion:225 Resp: 95188
Ion Ratio Lower Upper
225 100
223 62.6 50.2 75.2
227 61.5 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

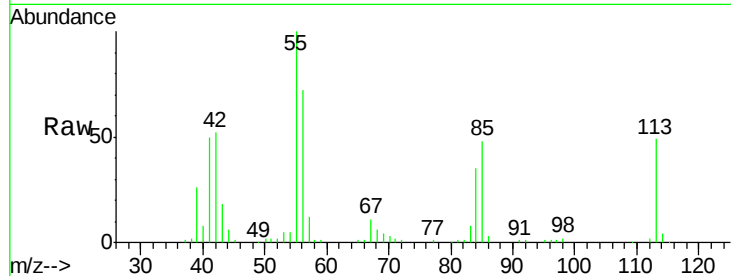




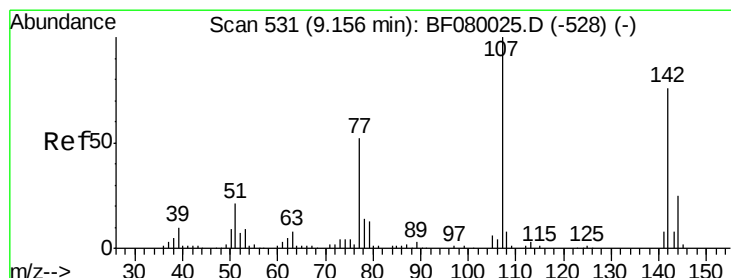
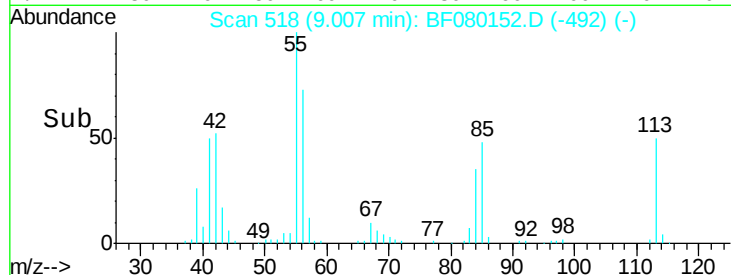
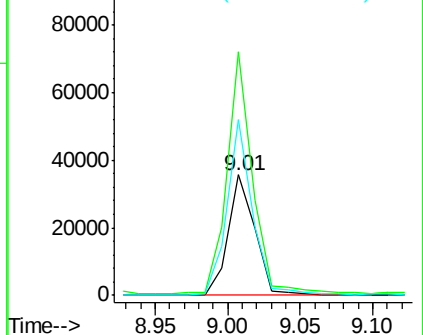
#35
 Caprolactam
 Concen: 52.22 ng
 RT: 9.01 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BF080152.D
 Acq: 25 Jun 2015 3:06

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

Tgt Ion:113 Resp: 45198
 Ion Ratio Lower Upper
 113 100
 55 202.6 152.4 192.4#
 56 146.4 104.6 144.6#

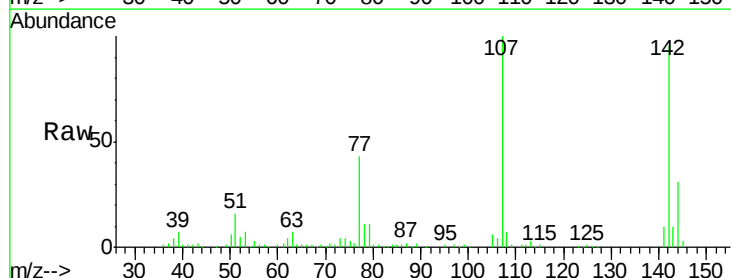


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

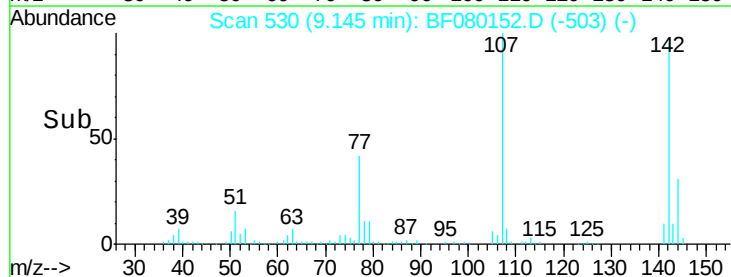
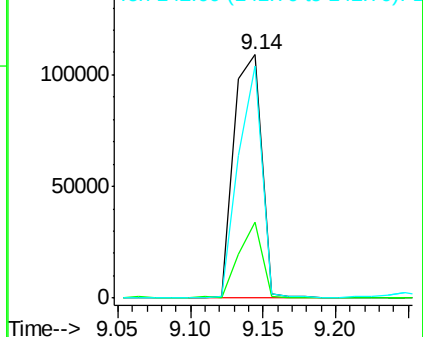


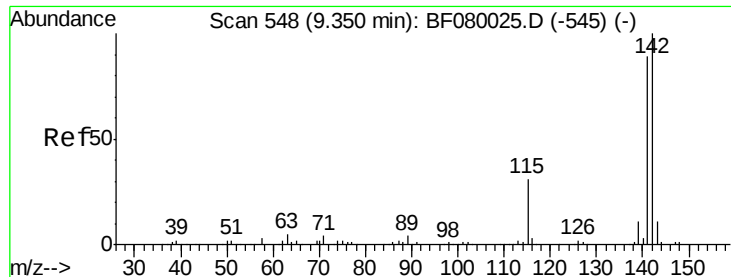
#36
 4-Chloro-3-methylphenol
 Concen: 48.10 ng
 RT: 9.14 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: BF080152.D
 Acq: 25 Jun 2015 3:06

Tgt Ion:107 Resp: 144686
 Ion Ratio Lower Upper
 107 100
 144 31.2 25.4 38.0
 142 95.2 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

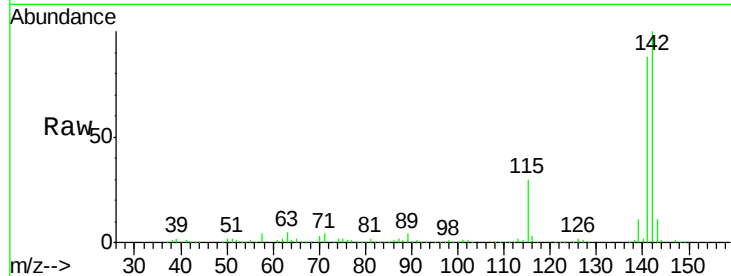




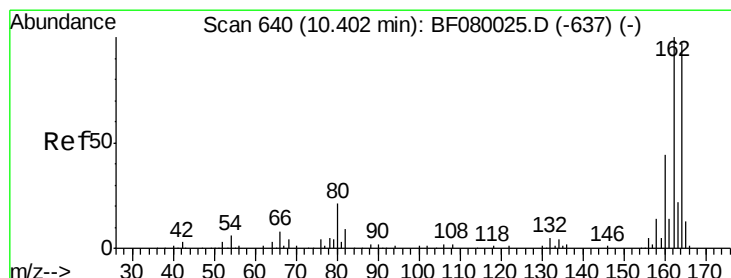
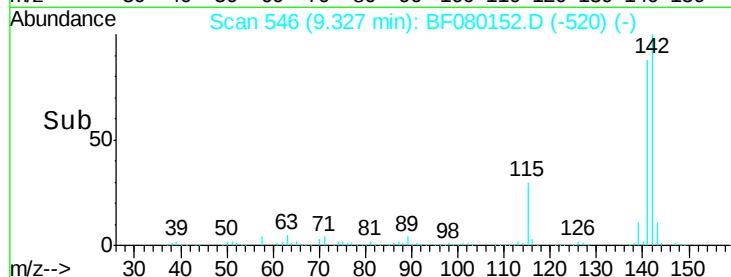
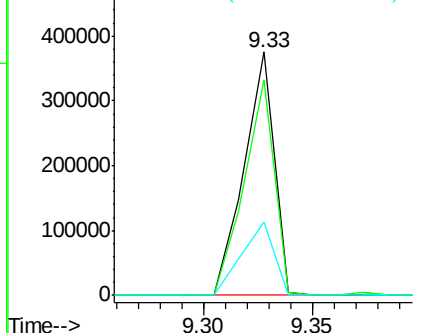
#37
 2-Methylnaphthalene
 Concen: 53.05 ng
 RT: 9.33 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF080152.D
 Acq: 25 Jun 2015 3:06

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

Tgt Ion:142 Resp: 361009
 Ion Ratio Lower Upper
 142 100
 141 88.3 67.5 101.3
 115 29.9 18.2 27.2#

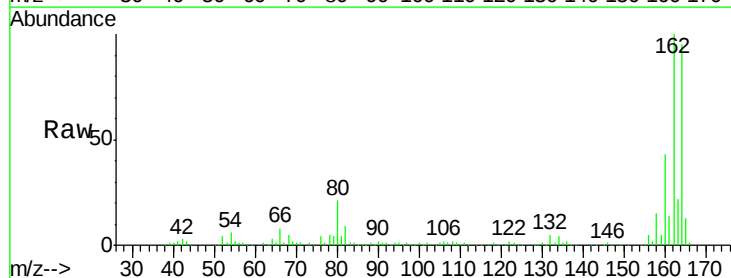


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

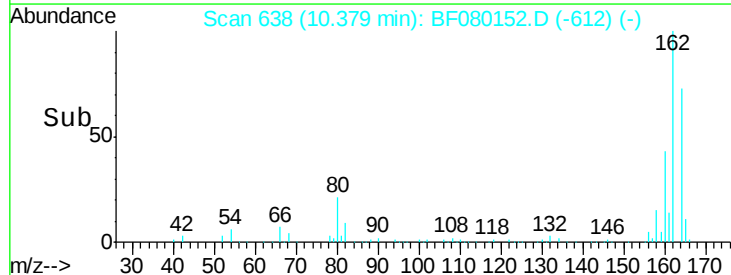
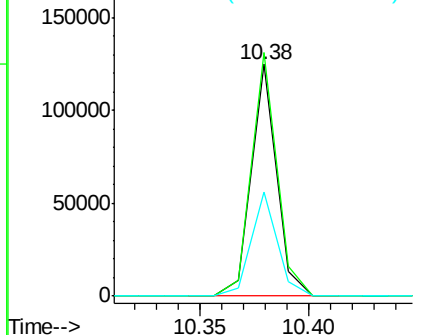


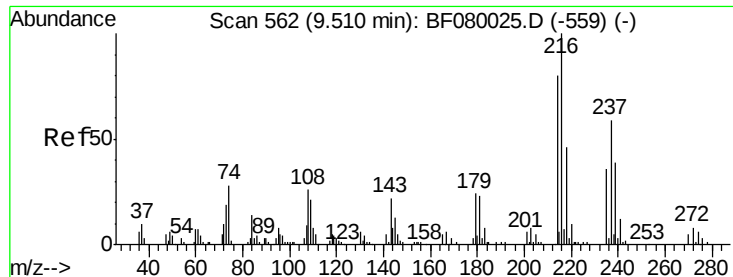
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.38 min Scan# 638
 Delta R.T. -0.00 min
 Lab File: BF080152.D
 Acq: 25 Jun 2015 3:06

Tgt Ion:164 Resp: 100598
 Ion Ratio Lower Upper
 164 100
 162 105.2 75.2 112.8
 160 45.0 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

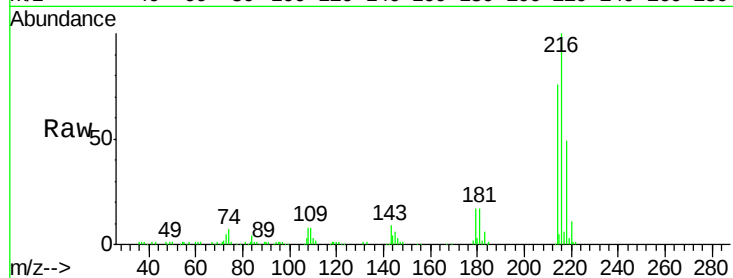




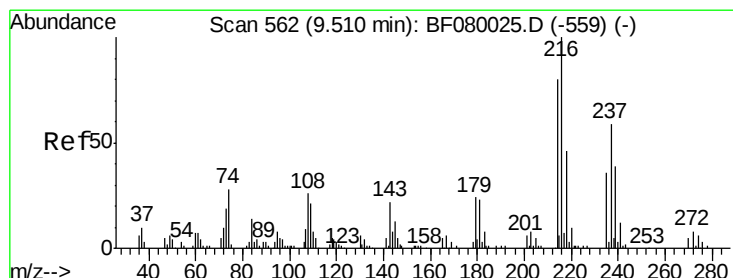
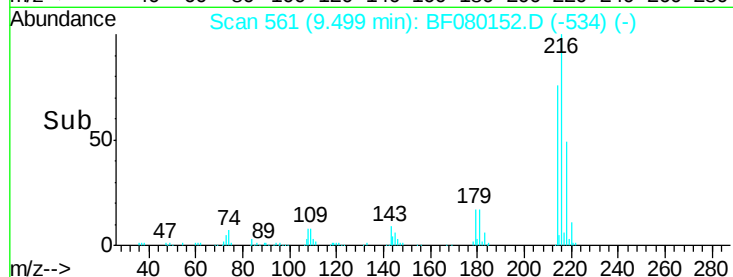
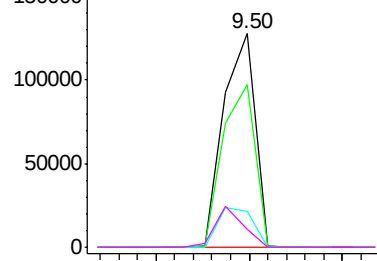
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.91 ng
 RT: 9.50 min Scan# 561
 Delta R.T. 0.01 min
 Lab File: BF080152.D
 Acq: 25 Jun 2015 3:06

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

Tgt Ion:	216	Resp:	151970
Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.5	95.3
179	20.6	16.6	24.8
108	17.2	16.3	24.5

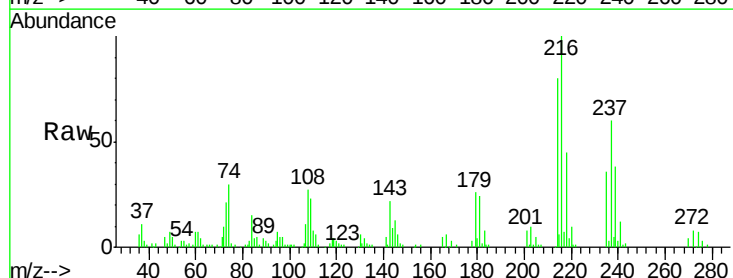


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

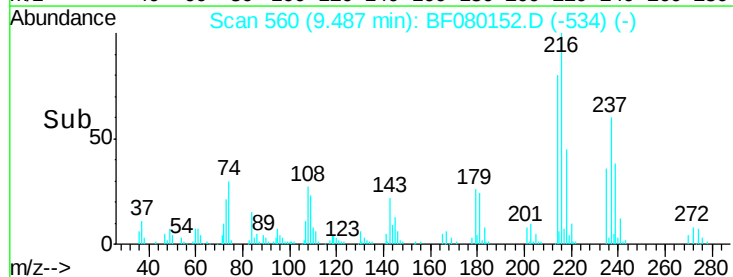
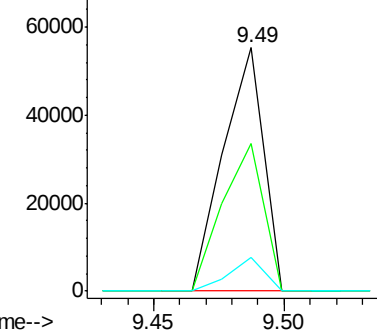


#40
 Hexachlorocyclopentadiene
 Concen: 42.48 ng
 RT: 9.49 min Scan# 560
 Delta R.T. -0.00 min
 Lab File: BF080152.D
 Acq: 25 Jun 2015 3:06

Tgt Ion:	237	Resp:	59197
Ion	Ratio	Lower	Upper
237	100		
235	60.8	42.0	82.0
272	13.9	0.0	36.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

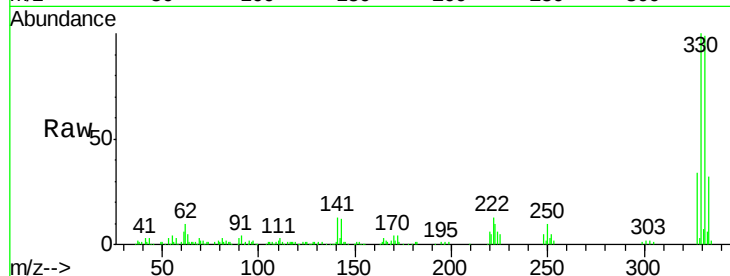




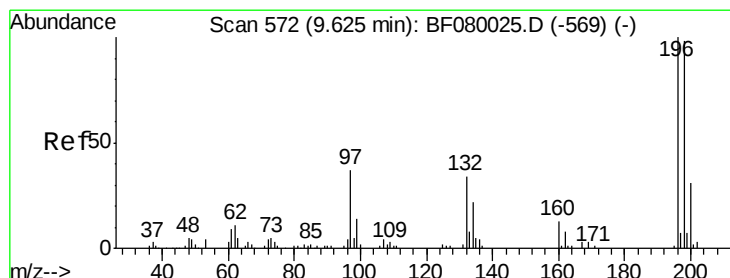
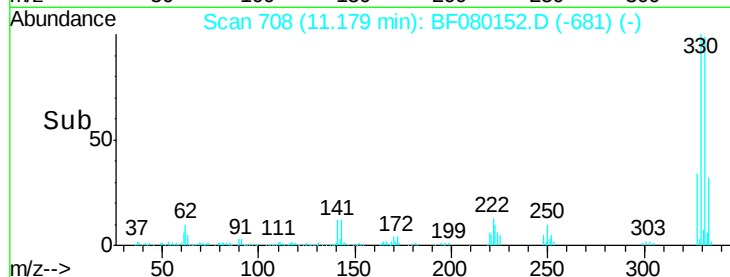
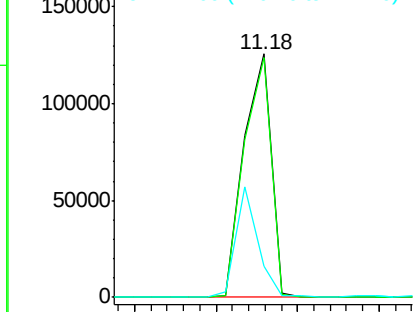
#41
 2,4,6-Tribromophenol
 Concen: 148.23 ng
 RT: 11.18 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: BF080152.D
 Acq: 25 Jun 2015 3:06

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

Tgt Ion:330 Resp: 145814
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 114.8
 141 35.8 29.7 44.5

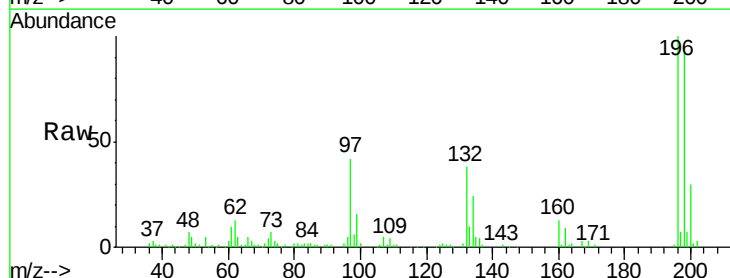


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

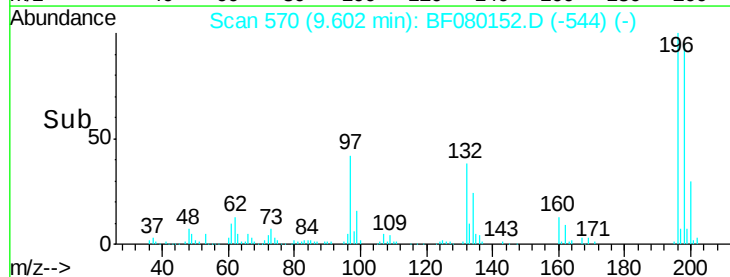
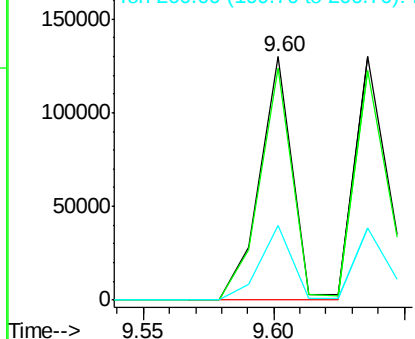


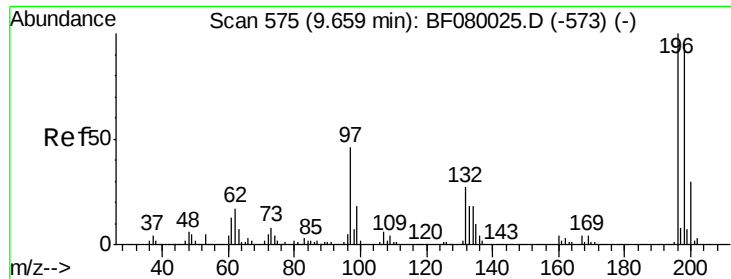
#42
 2,4,6-Trichlorophenol
 Concen: 56.50 ng
 RT: 9.60 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: BF080152.D
 Acq: 25 Jun 2015 3:06

Tgt Ion:196 Resp: 112535
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.7 113.5
 200 30.5 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

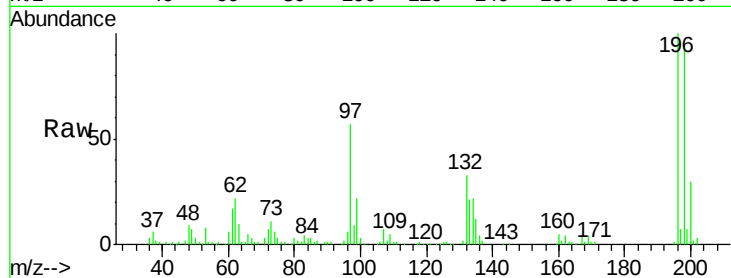




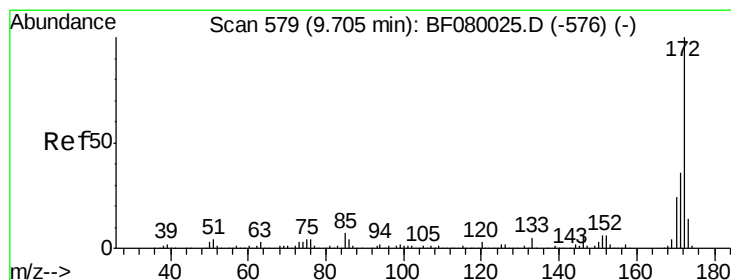
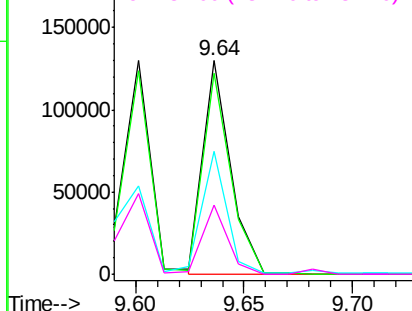
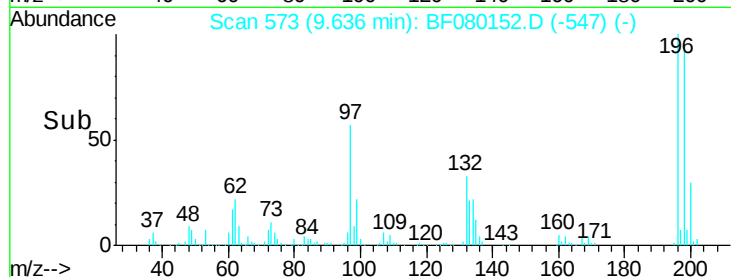
#43
 2,4,5-Trichlorophenol
 Concen: 49.74 ng
 RT: 9.64 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: BF080152.D
 Acq: 25 Jun 2015 3:06

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

Tgt Ion:	196	Resp:	114142
Ion Ratio	Lower	Upper	
196	100		
198	94.2	75.4	113.0
97	57.5	33.3	49.9#
132	32.6	24.6	37.0

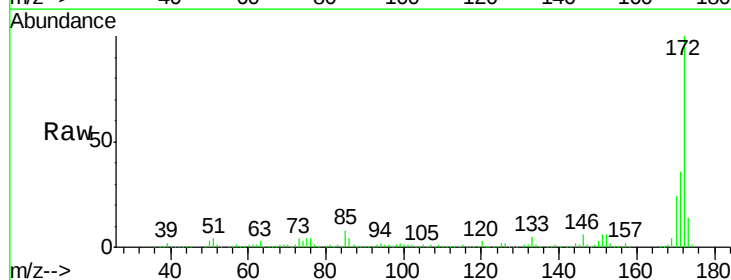


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

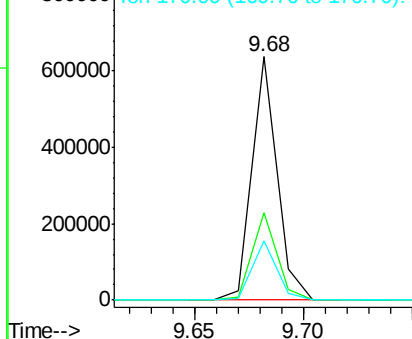
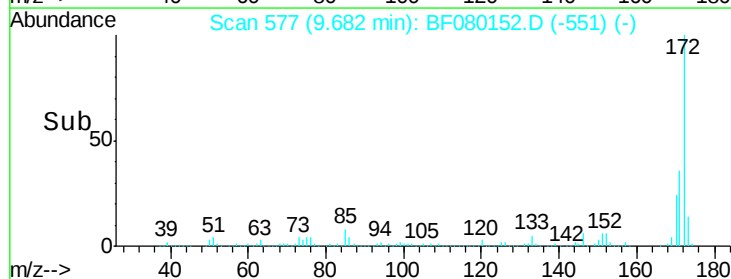


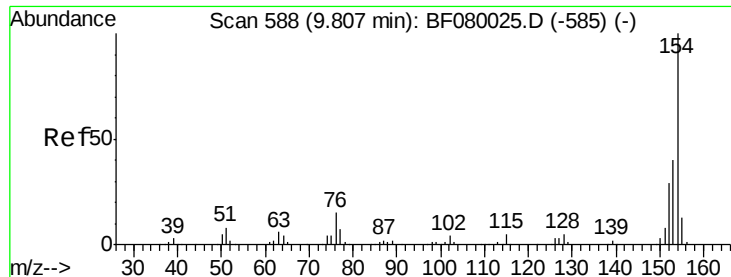
#44
 2-Fluorobiphenyl
 Concen: 72.42 ng
 RT: 9.68 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF080152.D
 Acq: 25 Jun 2015 3:06

Tgt Ion:	172	Resp:	510891
Ion Ratio	Lower	Upper	
172	100		
171	36.0	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: 48.92 ng

RT: 9.78 min Scan# 586

Delta R.T. -0.00 min

Lab File: BF080152.D

Acq: 25 Jun 2015 3:06

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MSD

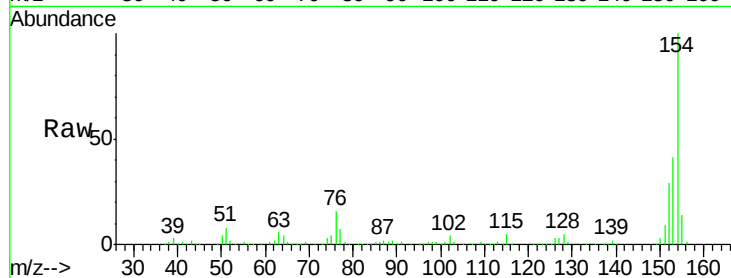
Tgt Ion:154 Resp: 400395

Ion Ratio Lower Upper

154 100

153 40.5 17.1 57.1

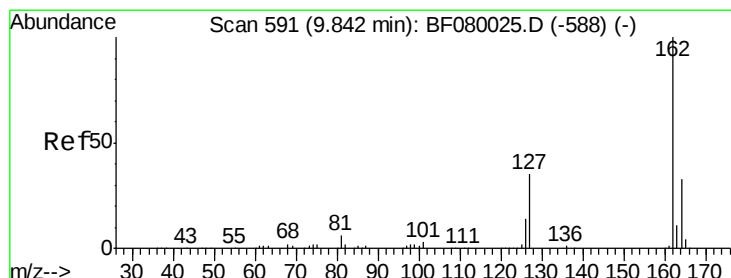
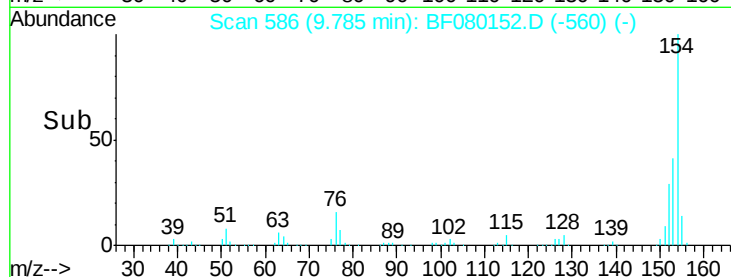
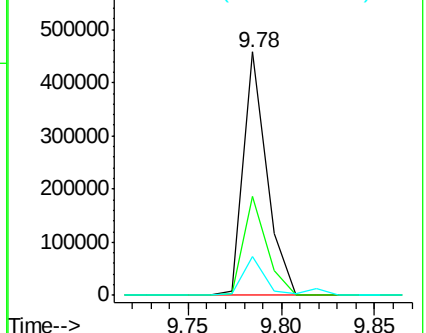
76 16.0 0.0 31.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 51.11 ng

RT: 9.82 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF080152.D

Acq: 25 Jun 2015 3:06

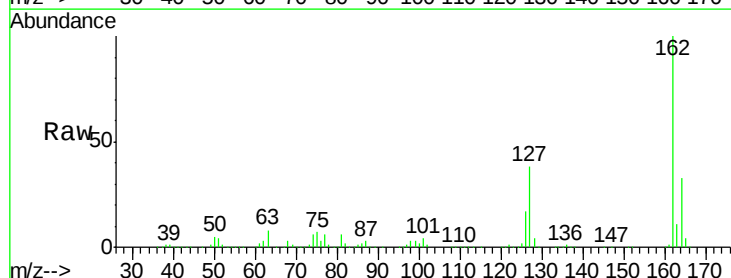
Tgt Ion:162 Resp: 339433

Ion Ratio Lower Upper

162 100

127 38.4 27.6 41.4

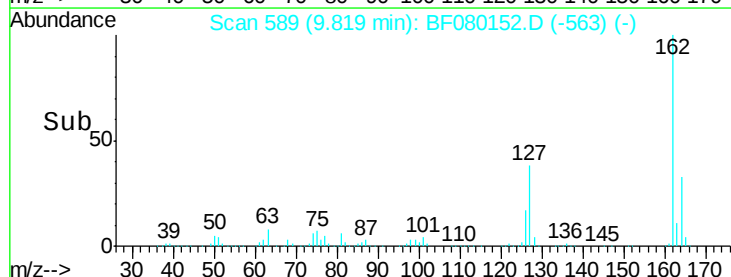
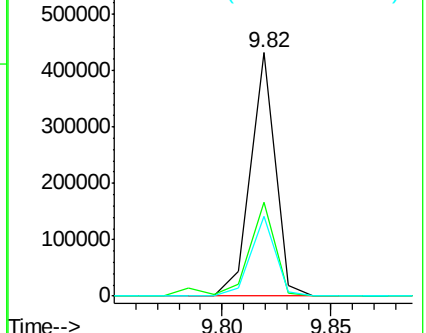
164 32.9 25.4 38.2

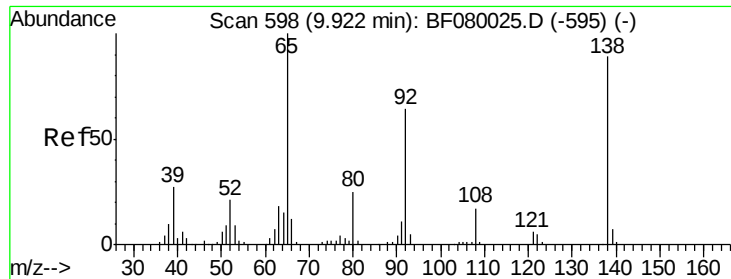


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 52.96 ng

RT: 9.90 min Scan# 596

Delta R.T. -0.00 min

Lab File: BF080152.D

Acq: 25 Jun 2015 3:06

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MSD

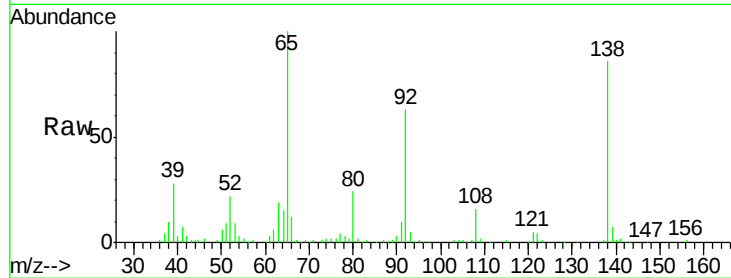
Tgt Ion: 65 Resp: 96550

Ion Ratio Lower Upper

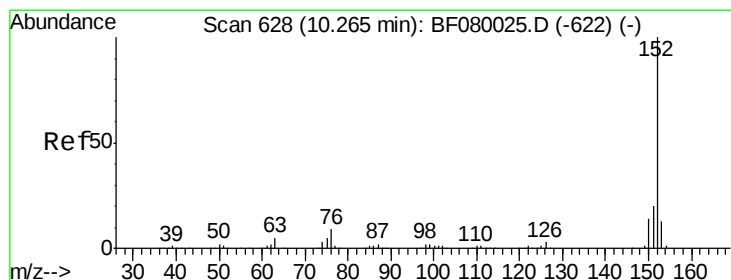
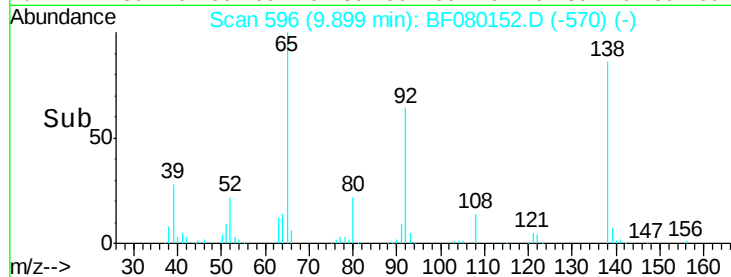
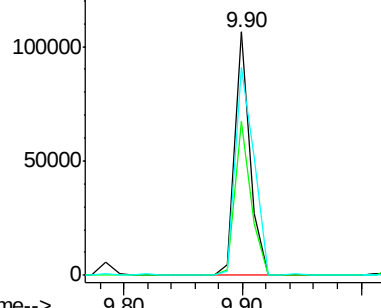
65 100

92 63.1 55.4 83.0

138 85.6 115.5 173.3#



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



#48

Acenaphthylene

Concen: 54.28 ng

RT: 10.24 min Scan# 626

Delta R.T. -0.00 min

Lab File: BF080152.D

Acq: 25 Jun 2015 3:06

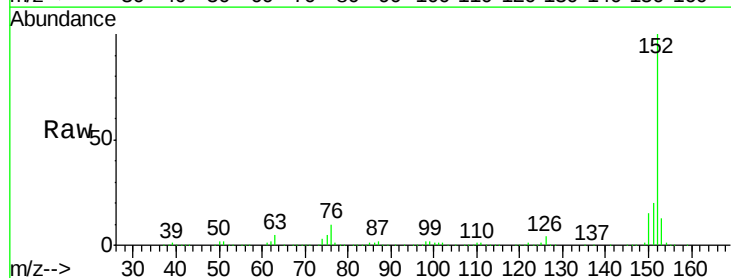
Tgt Ion: 152 Resp: 601611

Ion Ratio Lower Upper

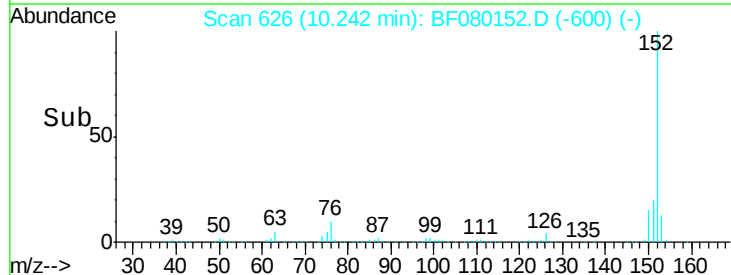
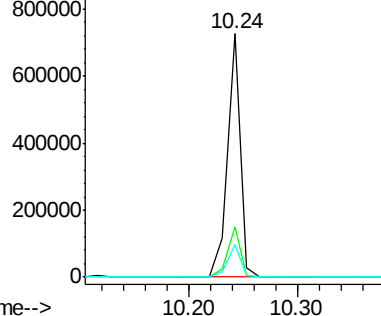
152 100

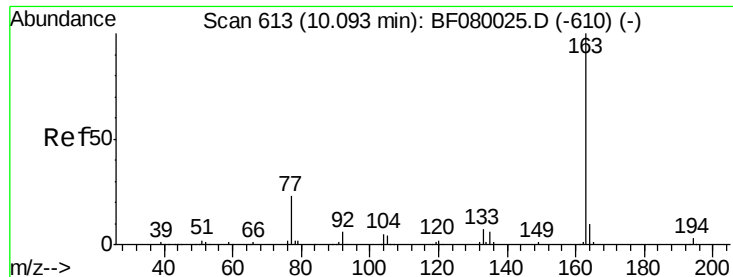
151 20.4 14.6 22.0

153 13.4 10.3 15.5



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

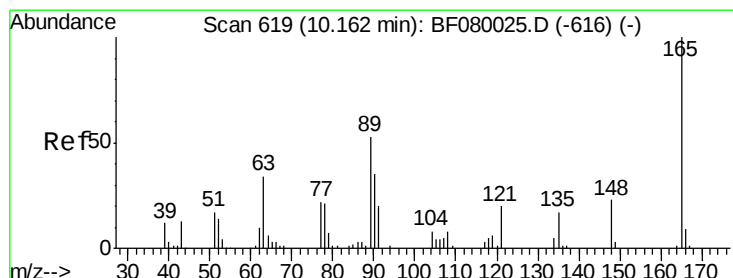
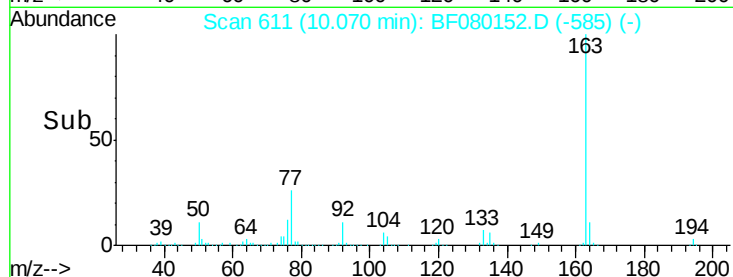
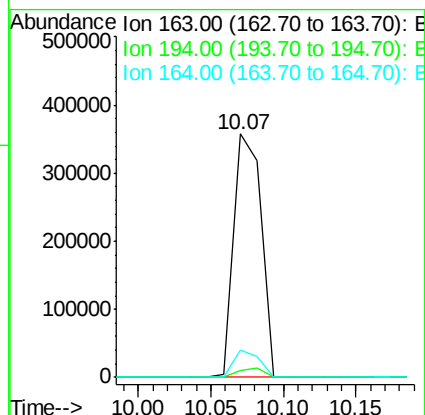
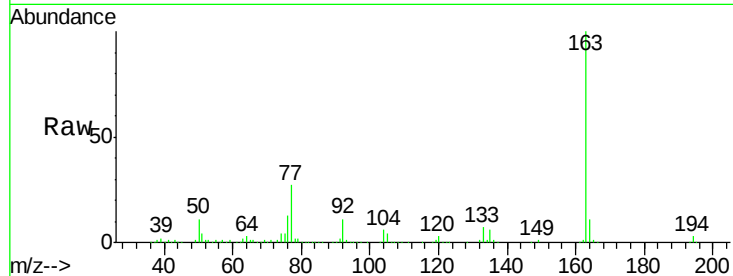




#49
Dimethylphthalate
Concen: 61.89 ng
RT: 10.07 min Scan# 611
Delta R.T. -0.00 min
Lab File: BF080152.D
Acq: 25 Jun 2015 3:06

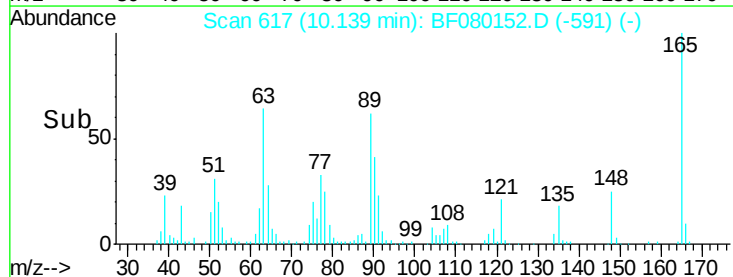
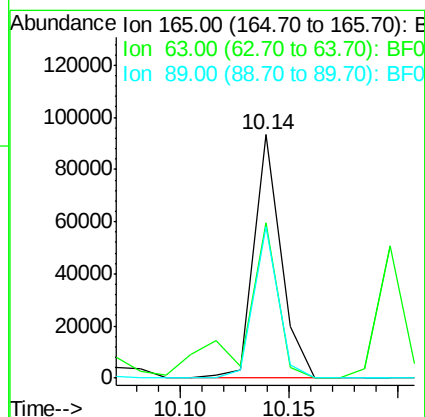
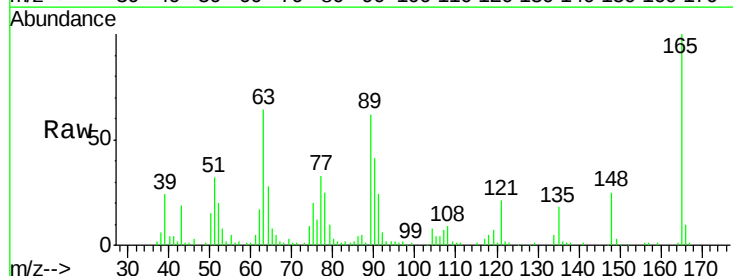
Instrument :
BNA_F
ClientSampleId :
SB-76(11-13)MSD

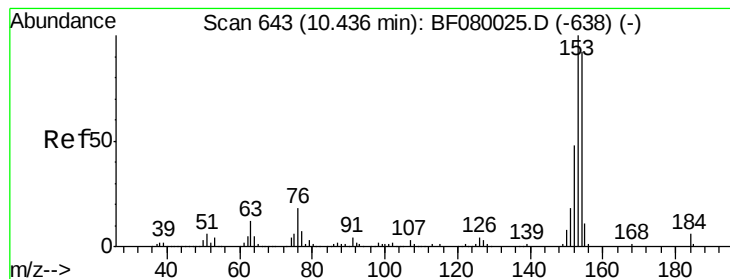
Tgt Ion:163 Resp: 468052
Ion Ratio Lower Upper
163 100
194 3.0 4.4 6.6#
164 11.3 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 53.07 ng
RT: 10.14 min Scan# 617
Delta R.T. -0.00 min
Lab File: BF080152.D
Acq: 25 Jun 2015 3:06

Tgt Ion:165 Resp: 80468
Ion Ratio Lower Upper
165 100
63 63.6 32.3 48.5#
89 62.4 28.6 43.0#





#51

Acenaphthene

Concen: 49.37 ng

RT: 10.41 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF080152.D

Acq: 25 Jun 2015 3:06

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MSD

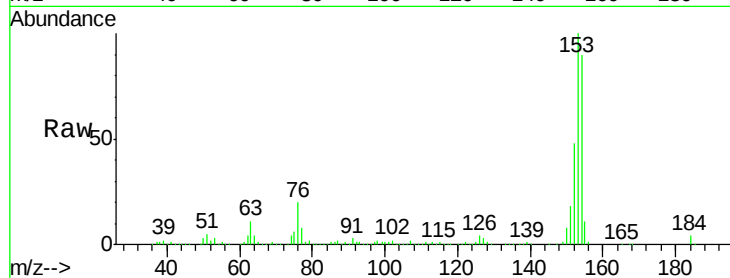
Tgt Ion:154 Resp: 334766

Ion Ratio Lower Upper

154 100

153 111.5 82.1 123.1

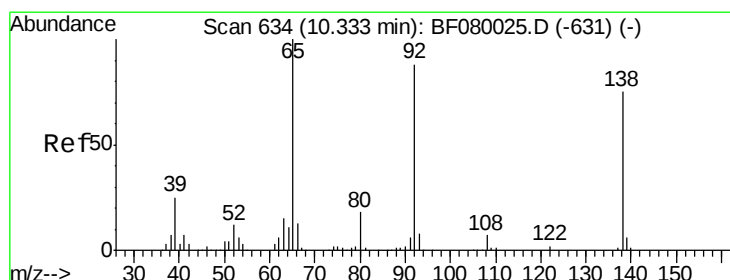
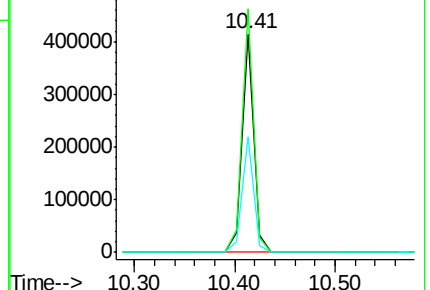
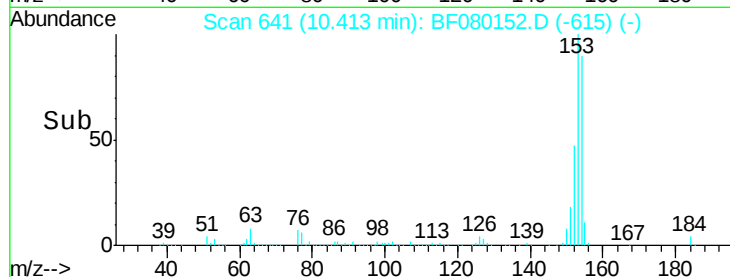
152 53.2 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.62 ng

RT: 10.31 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF080152.D

Acq: 25 Jun 2015 3:06

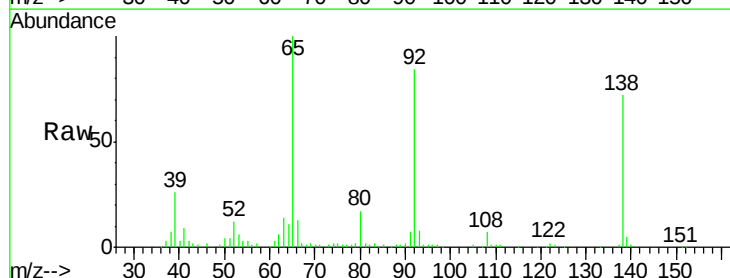
Tgt Ion:138 Resp: 60559

Ion Ratio Lower Upper

138 100

108 10.1 5.7 8.5#

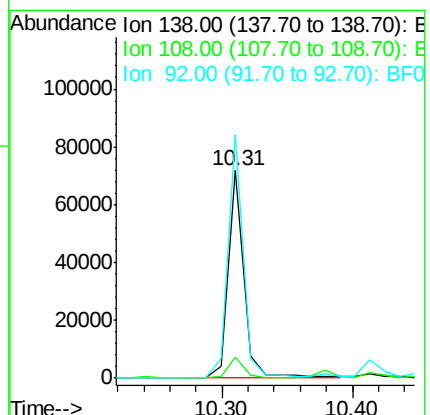
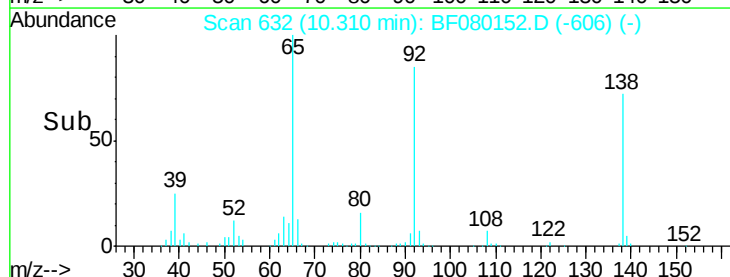
92 117.5 67.7 101.5#

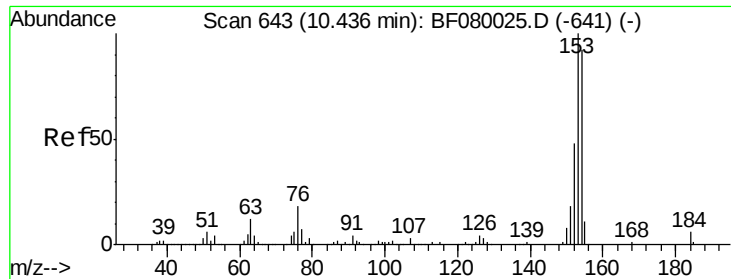


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

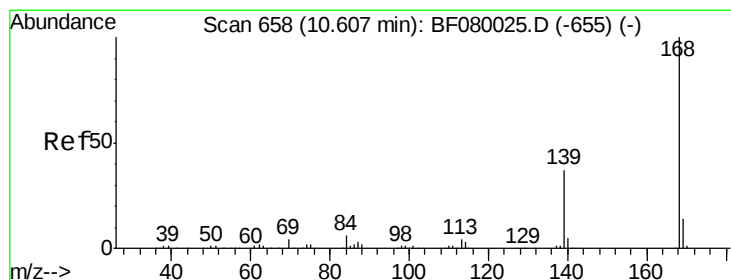
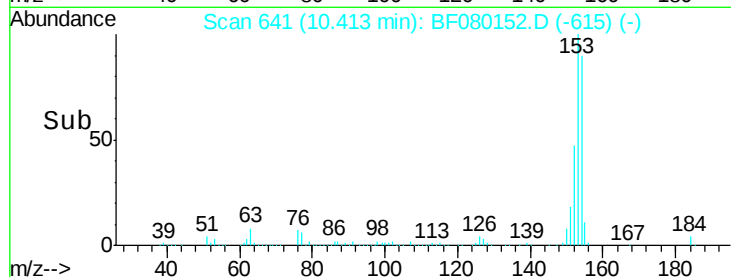
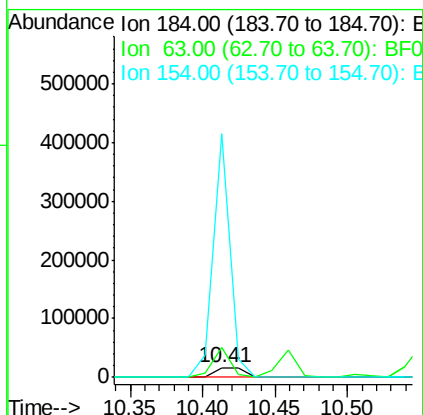
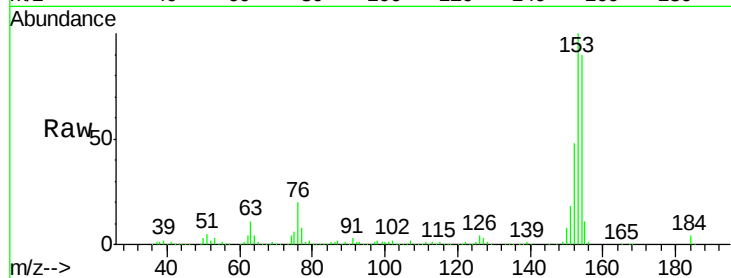




#53
2,4-Dinitrophenol
Concen: 41.21 ng
RT: 10.41 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF080152.D
Acq: 25 Jun 2015 3:06

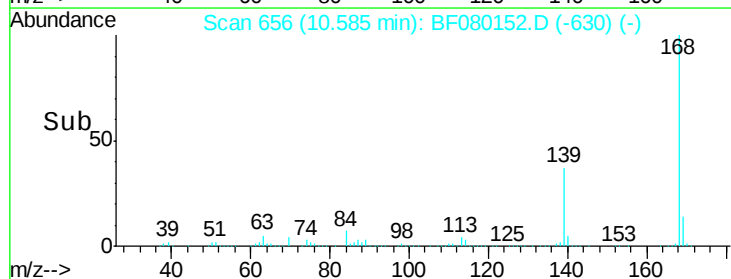
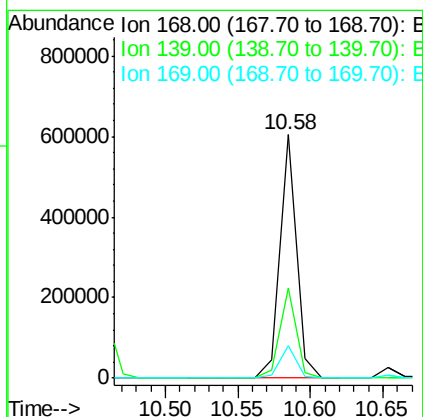
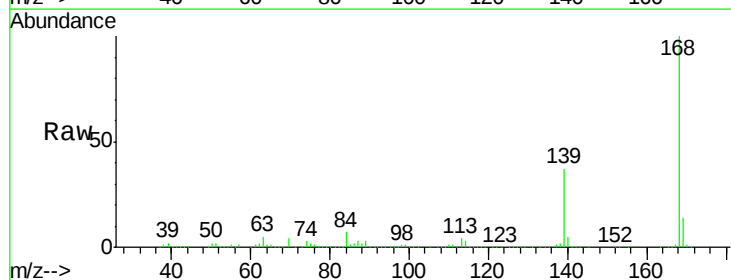
Instrument :
BNA_F
ClientSampleId :
SB-76(11-13)MSD

Tgt Ion:184 Resp: 23550
Ion Ratio Lower Upper
184 100
63 308.0 35.4 53.2#
154 2546.3 32.2 48.4#



#54
Dibenzofuran
Concen: 50.02 ng
RT: 10.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF080152.D
Acq: 25 Jun 2015 3:06

Tgt Ion:168 Resp: 481297
Ion Ratio Lower Upper
168 100
139 37.0 24.2 36.2#
169 13.6 10.6 15.8





#55

4-Nitrophenol

Concen: 102.24 ng

RT: 10.46 min Scan# 645

Delta R.T. 0.01 min

Lab File: BF080152.D

Acq: 25 Jun 2015 3:06

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MSD

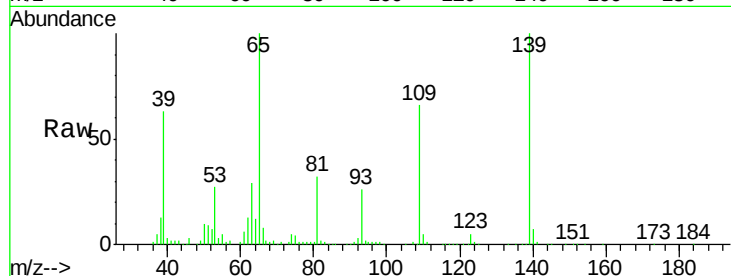
Tgt Ion:139 Resp: 142961

Ion Ratio Lower Upper

139 100

109 66.1 12.7 52.7#

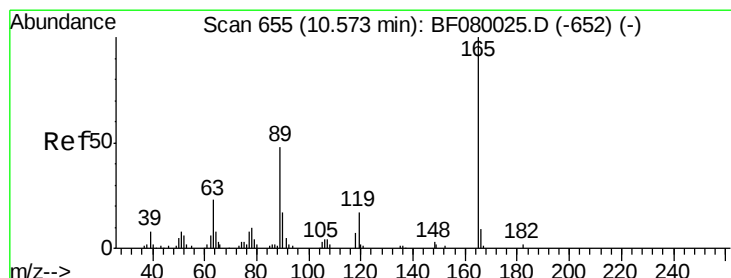
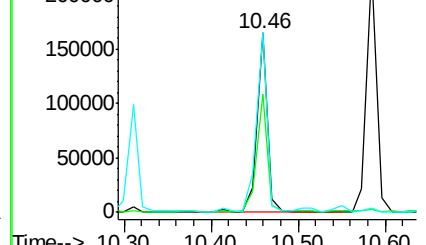
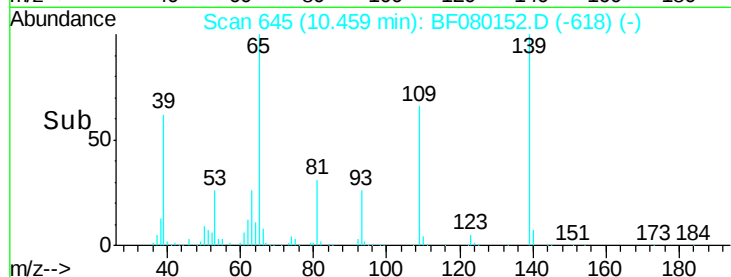
65 100.0 45.9 85.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 64.00 ng

RT: 10.55 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF080152.D

Acq: 25 Jun 2015 3:06

Tgt Ion:165 Resp: 123137

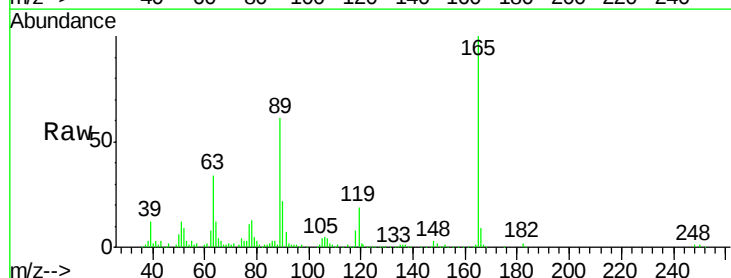
Ion Ratio Lower Upper

165 100

63 33.5 29.8 44.6

89 60.6 44.5 66.7

182 2.4 3.0 4.4#

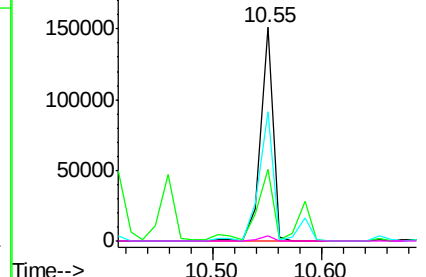
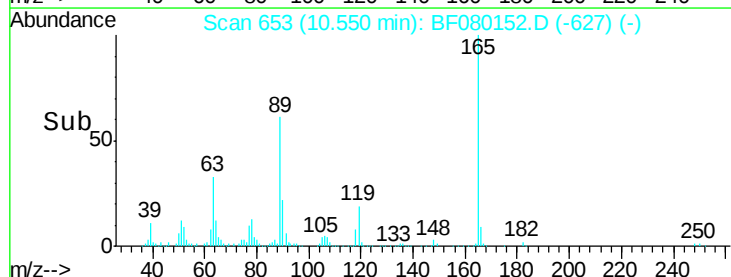


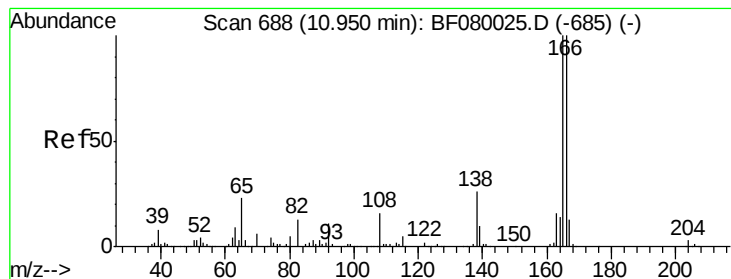
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 49.25 ng

RT: 10.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF080152.D

Acq: 25 Jun 2015 3:06

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MSD

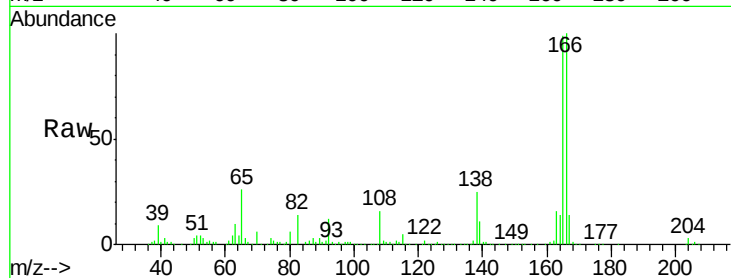
Tgt Ion:166 Resp: 376019

Ion Ratio Lower Upper

166 100

165 99.3 72.6 109.0

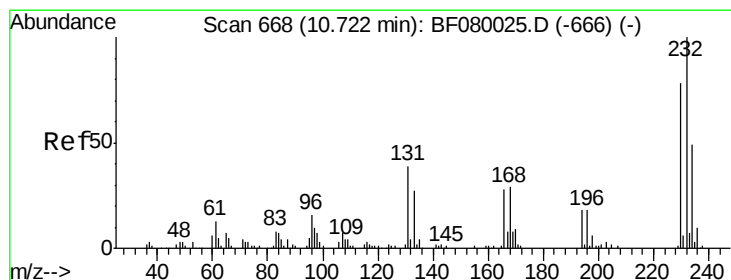
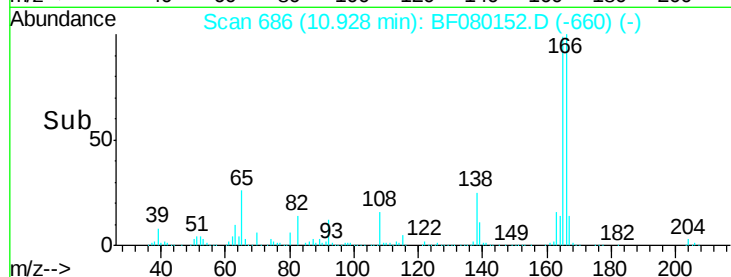
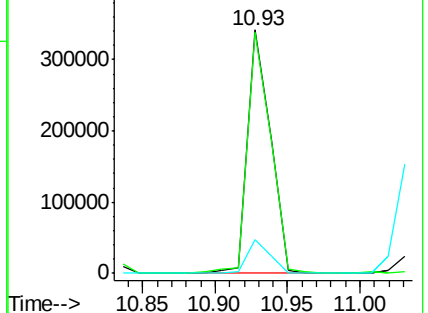
167 13.7 10.6 16.0



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: 52.70 ng

RT: 10.70 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF080152.D

Acq: 25 Jun 2015 3:06

Tgt Ion:232 Resp: 102109

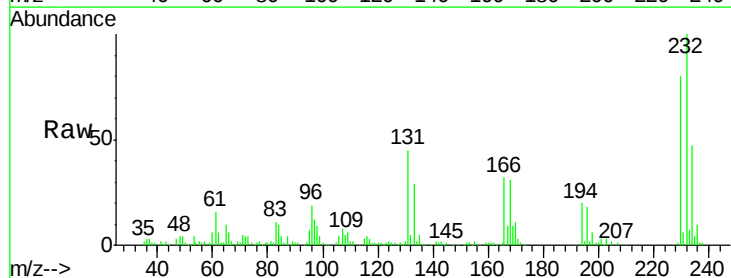
Ion Ratio Lower Upper

232 100

131 44.2 38.5 57.7

130 2.3 1.8 2.6

166 31.8 25.0 37.6

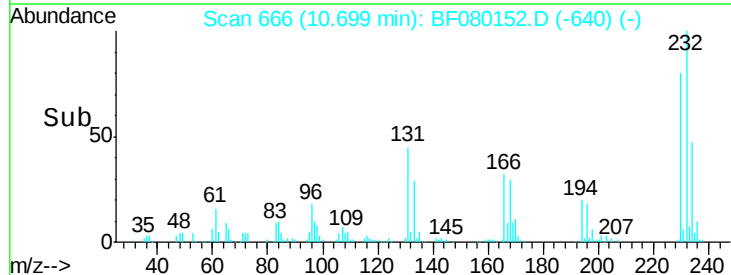
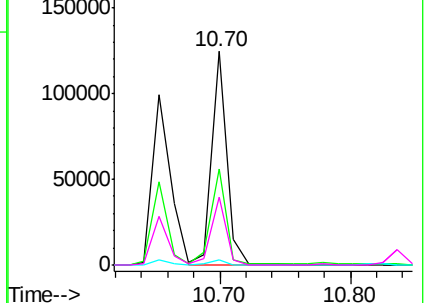


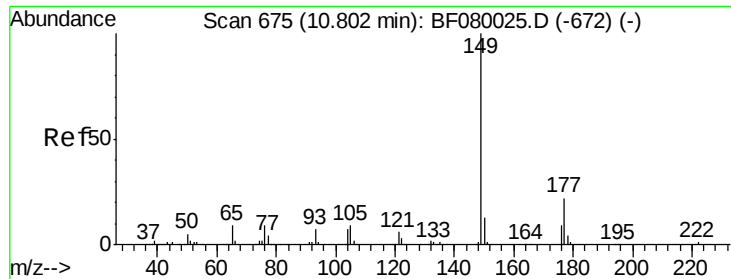
Abundance Ion 232.00 (231.70 to 232.70): E

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

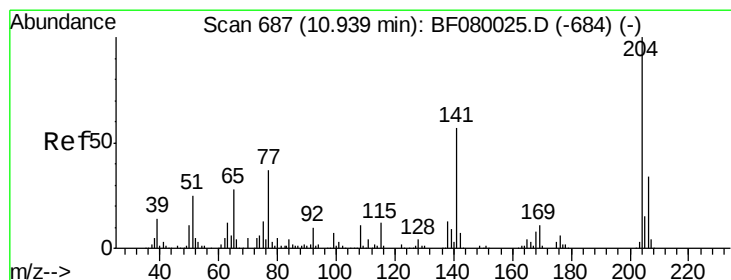
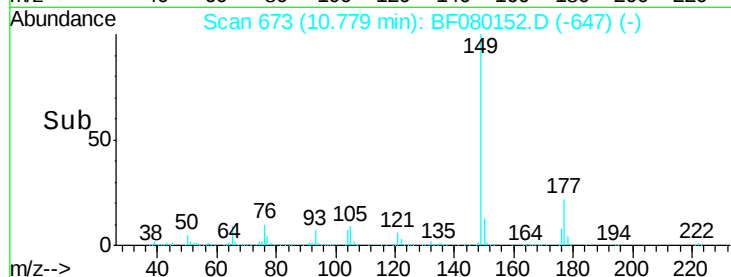
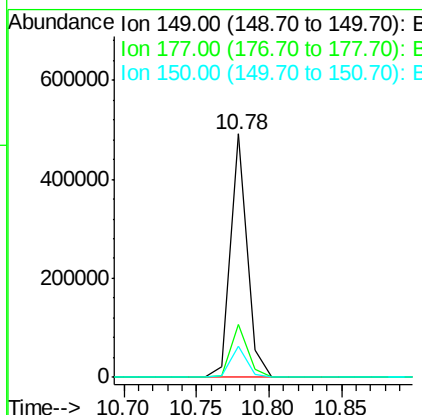
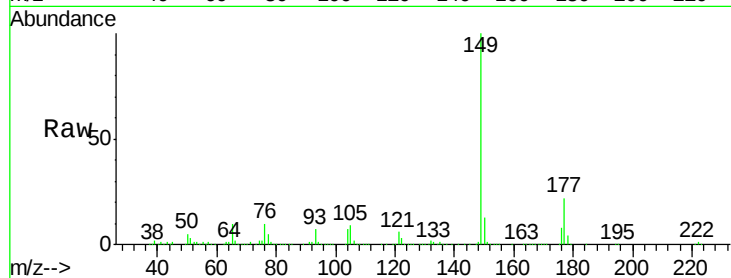




#59
Diethylphthalate
Concen: 50.99 ng
RT: 10.78 min Scan# 673
Delta R.T. -0.00 min
Lab File: BF080152.D
Acq: 25 Jun 2015 3:06

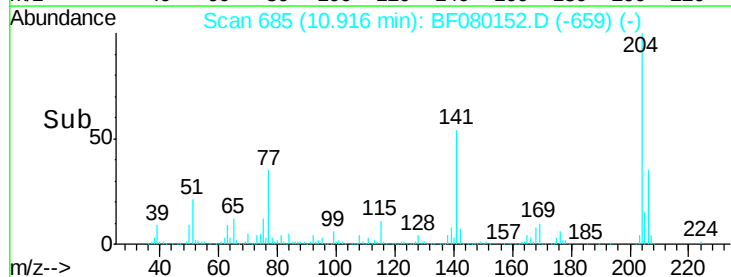
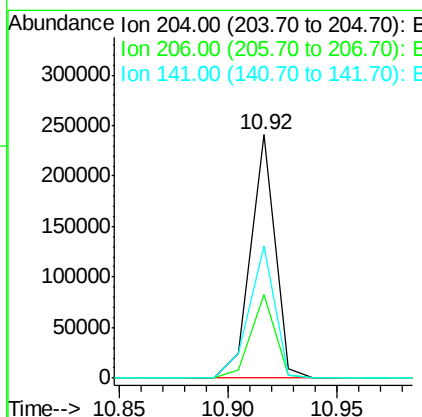
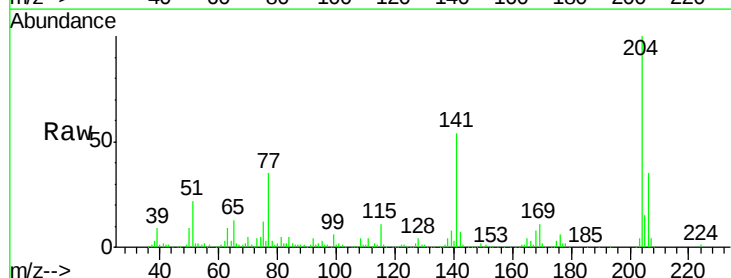
Instrument :
BNA_F
ClientSampleId :
SB-76(11-13)MSD

Tgt Ion:149 Resp: 388304
Ion Ratio Lower Upper
149 100
177 21.9 17.5 26.3
150 12.8 9.4 14.2



#60
4-Chlorophenyl-phenylether
Concen: 51.35 ng
RT: 10.92 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF080152.D
Acq: 25 Jun 2015 3:06

Tgt Ion:204 Resp: 188396
Ion Ratio Lower Upper
204 100
206 34.6 24.8 37.2
141 54.1 42.2 63.4

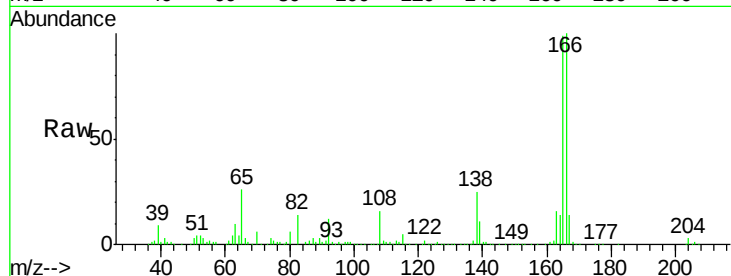




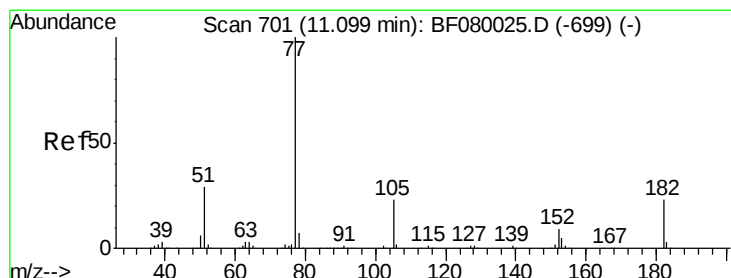
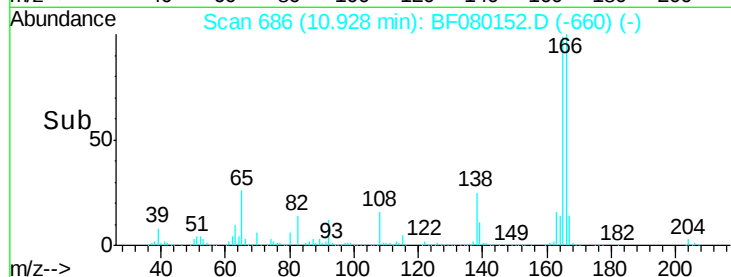
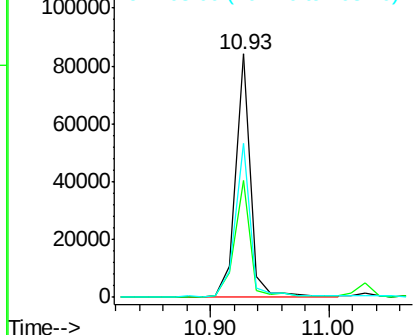
#61
4-Nitroaniline
Concen: 41.12 ng
RT: 10.93 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF080152.D
Acq: 25 Jun 2015 3:06

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

Tgt Ion:138 Resp: 74294
Ion Ratio Lower Upper
138 100
92 48.2 12.6 52.6
108 63.4 12.4 52.4#

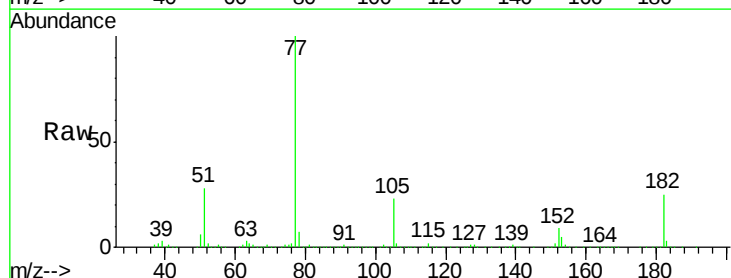


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

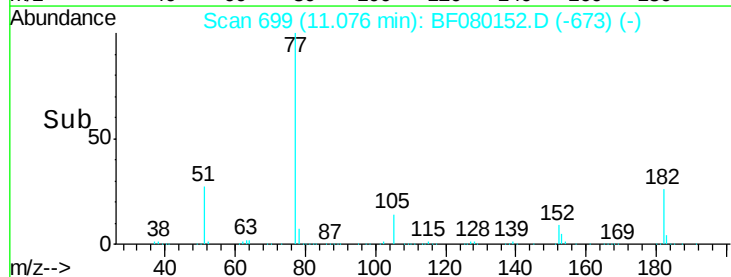
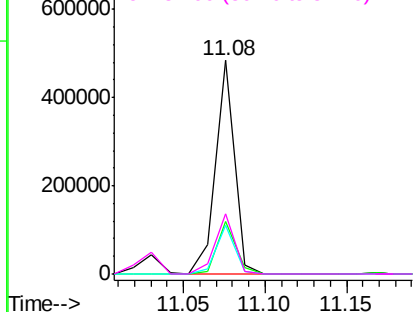


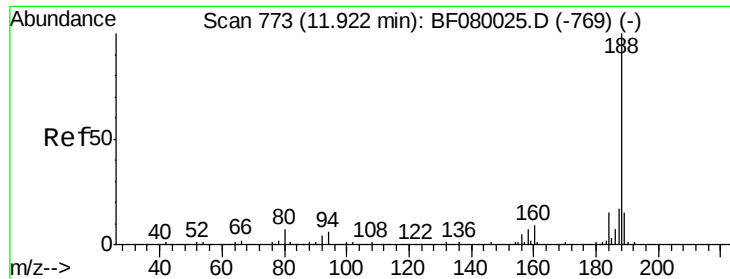
#62
Azobenzene
Concen: 50.28 ng
RT: 11.08 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF080152.D
Acq: 25 Jun 2015 3:06

Tgt Ion: 77 Resp: 389778
Ion Ratio Lower Upper
77 100
182 24.5 15.1 55.1
105 22.8 3.4 43.4
51 28.0 12.0 52.0



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.88 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF080152.D

Acq: 25 Jun 2015 3:06

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MSD

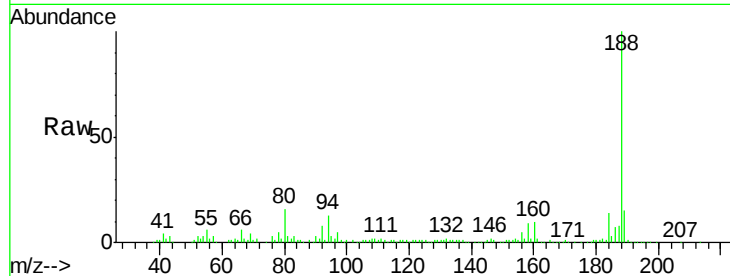
Tgt Ion:188 Resp: 192021

Ion Ratio Lower Upper

188 100

94 13.4 11.1 16.7

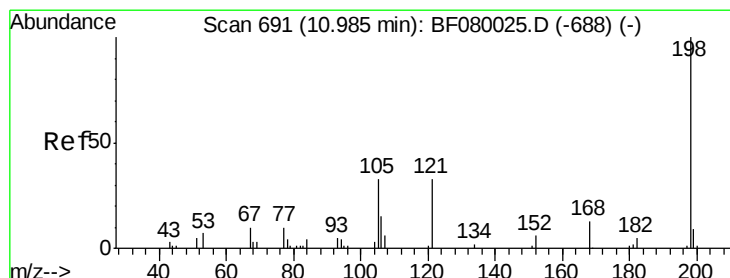
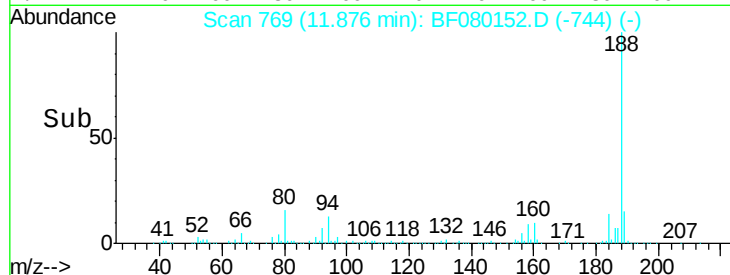
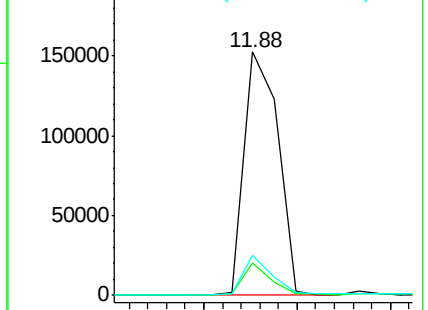
80 16.4 11.0 16.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 28.43 ng

RT: 10.96 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF080152.D

Acq: 25 Jun 2015 3:06

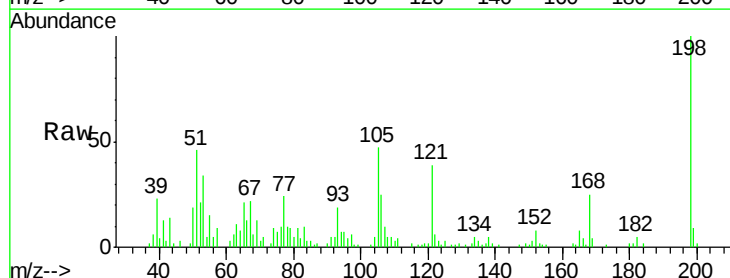
Tgt Ion:198 Resp: 22812

Ion Ratio Lower Upper

198 100

51 46.0 39.6 79.6

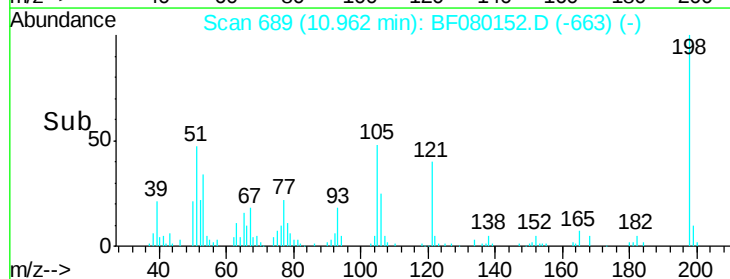
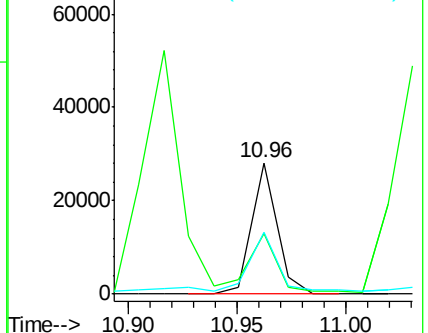
105 46.9 28.5 68.5

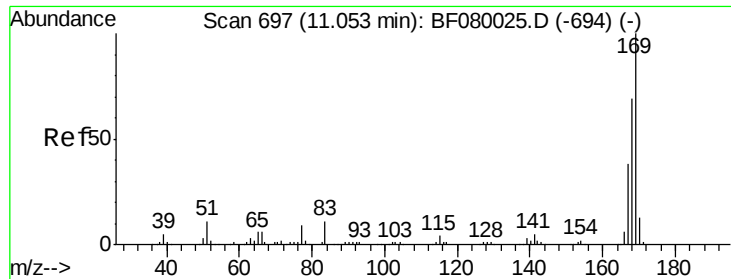


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 53.65 ng

RT: 11.03 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF080152.D

Acq: 25 Jun 2015 3:06

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MSD

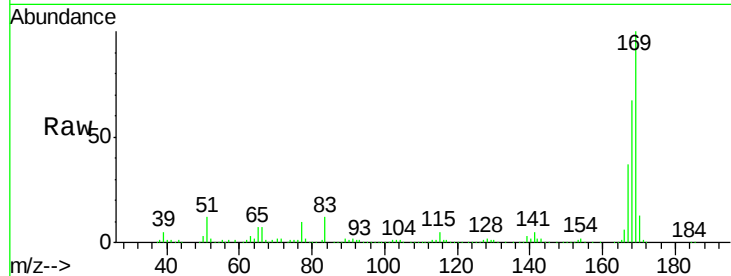
Tgt Ion:169 Resp: 335436

Ion Ratio Lower Upper

169 100

168 66.9 48.9 73.3

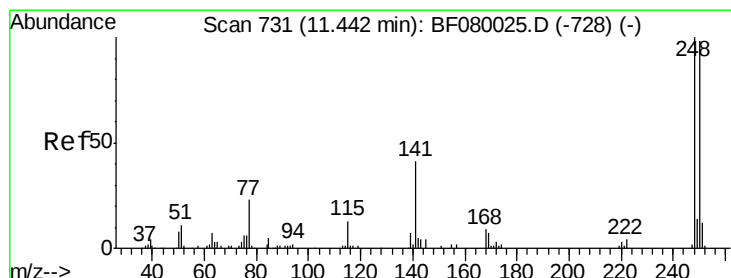
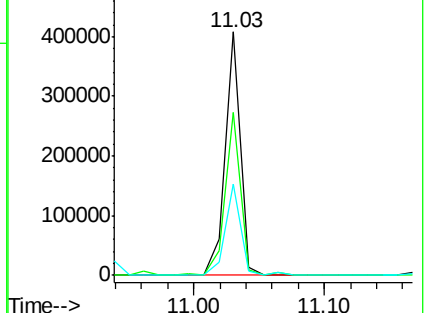
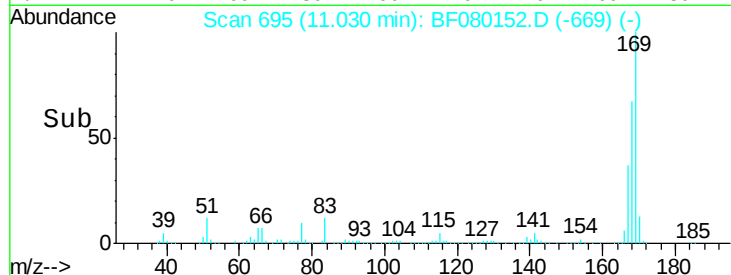
167 37.4 26.2 39.4



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: 52.19 ng

RT: 11.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF080152.D

Acq: 25 Jun 2015 3:06

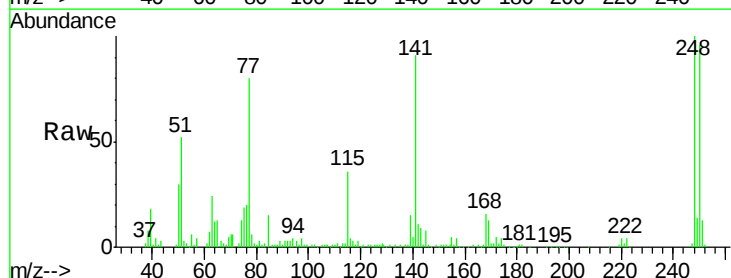
Tgt Ion:248 Resp: 106553

Ion Ratio Lower Upper

248 100

250 96.0 78.5 117.7

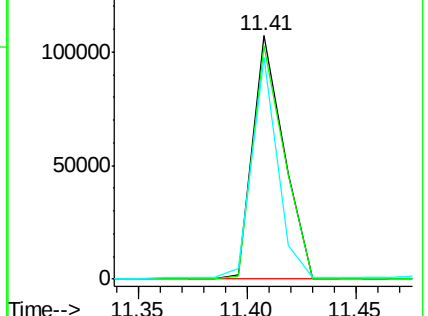
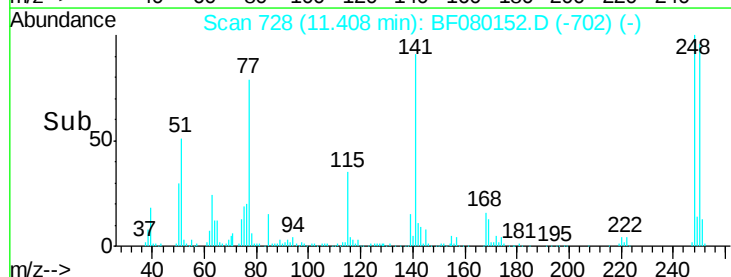
141 91.0 59.0 88.6#



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

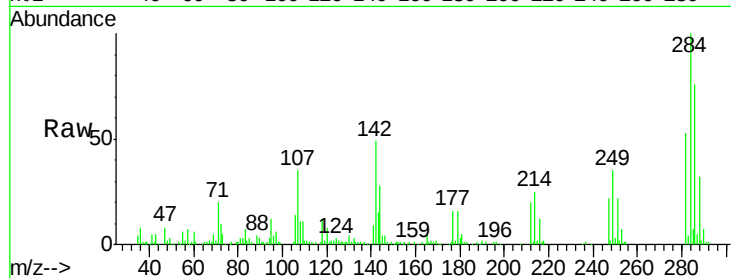




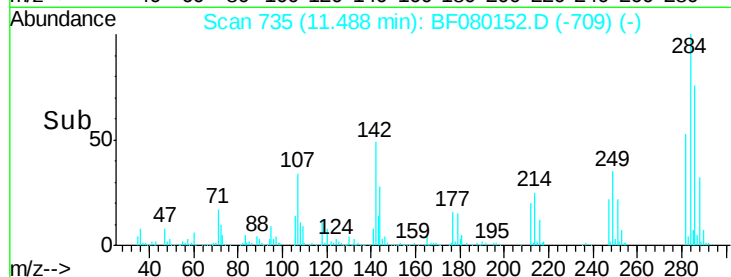
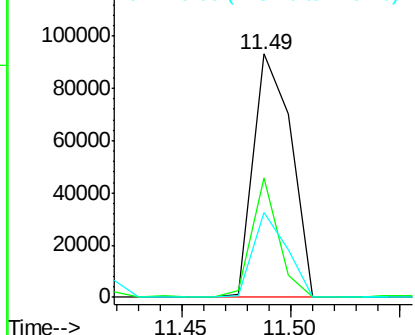
#67
Hexachlorobenzene
Concen: 49.80 ng
RT: 11.49 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF080152.D
Acq: 25 Jun 2015 3:06

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

Tgt Ion	Ratio	Lower	Upper
284	100		
142	49.3	29.5	44.3#
249	34.8	19.5	29.3#

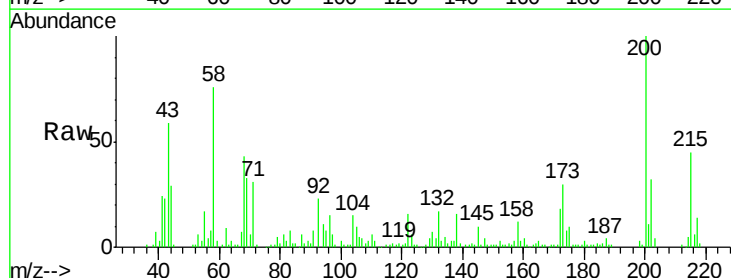


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

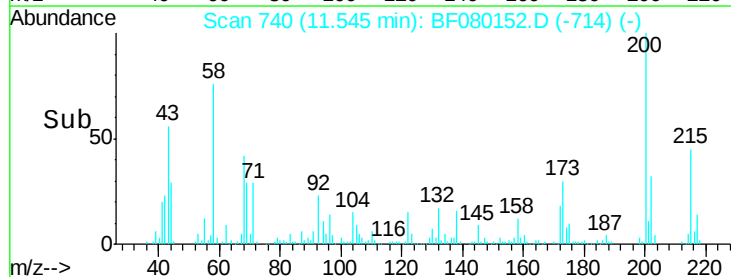
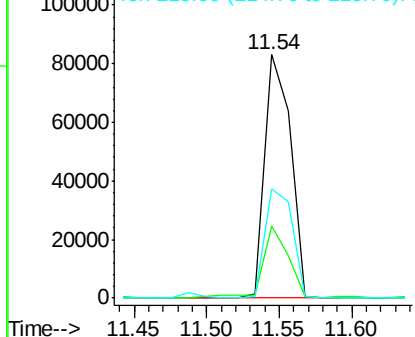


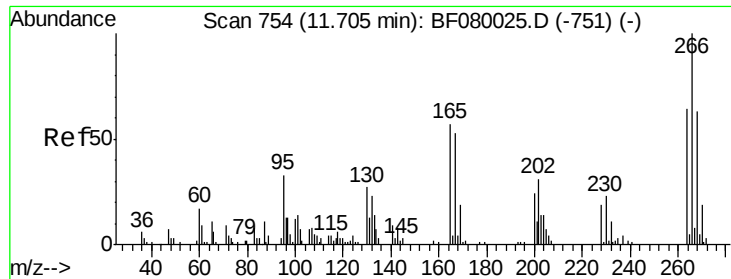
#68
Atrazine
Concen: 51.78 ng
RT: 11.54 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF080152.D
Acq: 25 Jun 2015 3:06

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.6	13.2	53.2
215	44.7	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

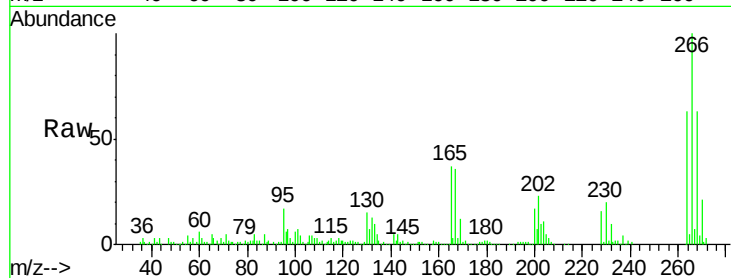




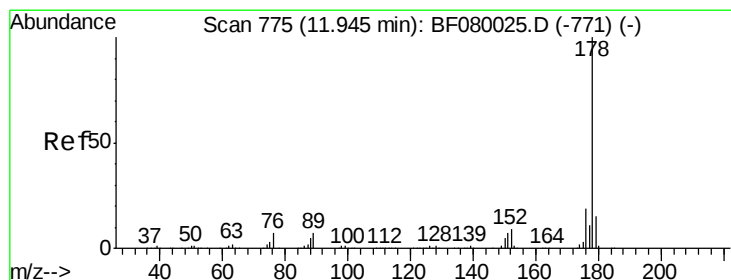
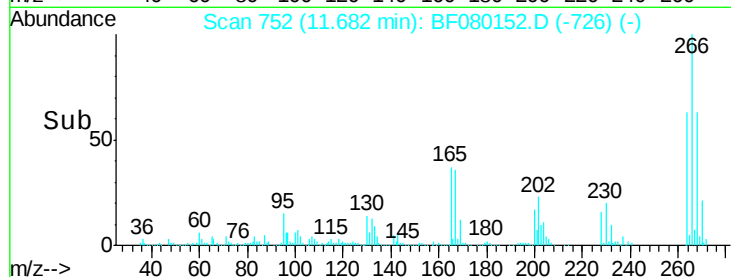
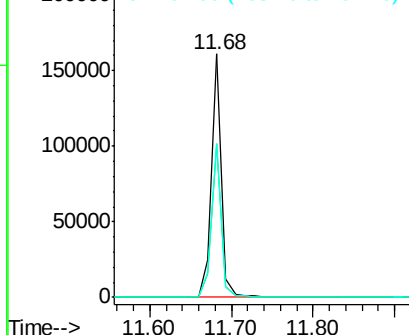
#69
 Pentachlorophenol
 Concen: 108.64 ng
 RT: 11.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF080152.D
 Acq: 25 Jun 2015 3:06

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

Tgt Ion:266 Resp: 139696
 Ion Ratio Lower Upper
 266 100
 268 62.7 49.8 74.6
 264 63.2 50.2 75.2

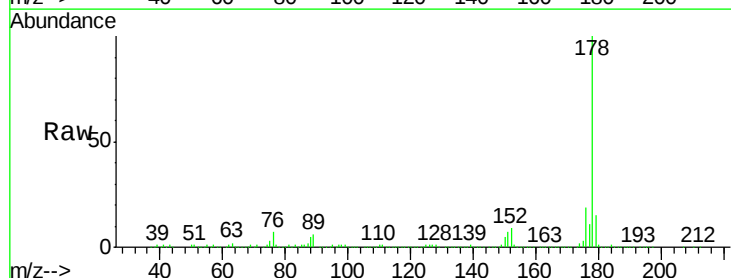


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

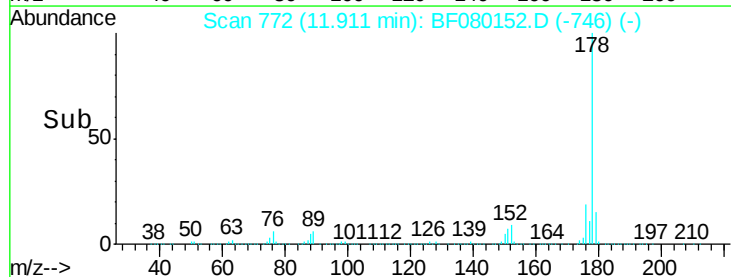
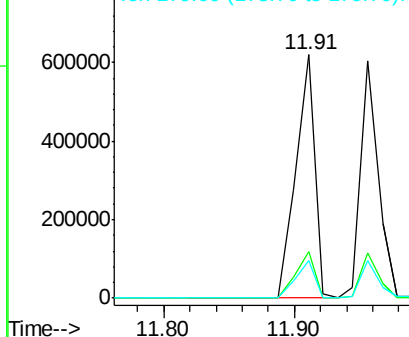


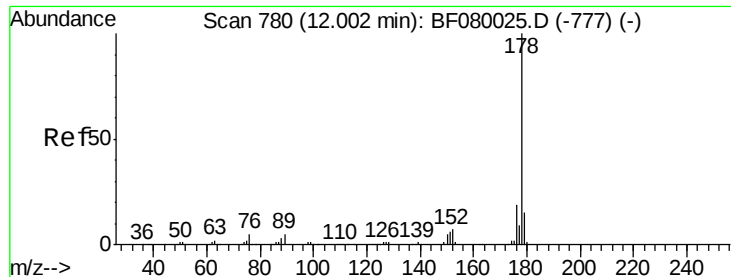
#70
 Phenanthrene
 Concen: 53.64 ng
 RT: 11.91 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BF080152.D
 Acq: 25 Jun 2015 3:06

Tgt Ion:178 Resp: 623620
 Ion Ratio Lower Upper
 178 100
 176 19.3 13.8 20.8
 179 15.3 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

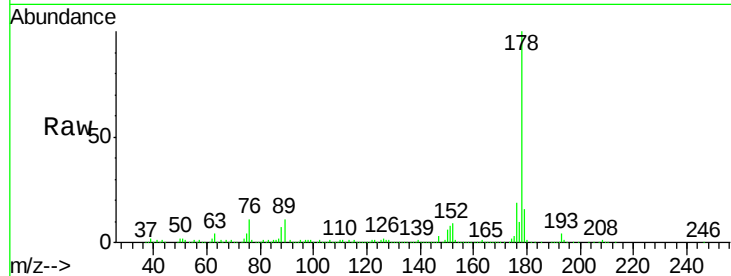




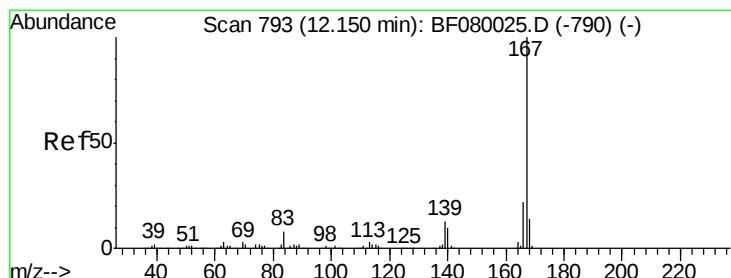
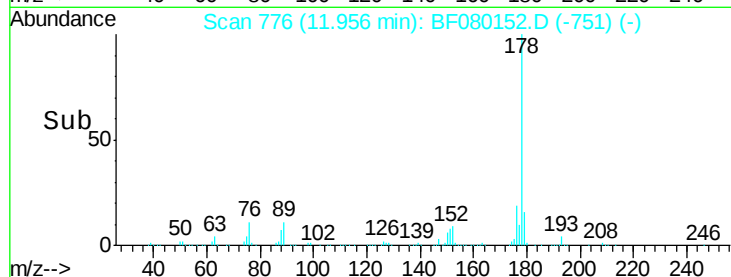
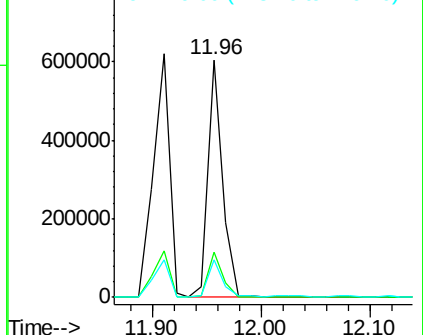
#71
 Anthracene
 Concen: 51.04 ng
 RT: 11.96 min Scan# 776
 Delta R.T. -0.01 min
 Lab File: BF080152.D
 Acq: 25 Jun 2015 3:06

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

Tgt Ion:178 Resp: 571368
 Ion Ratio Lower Upper
 178 100
 176 19.3 14.1 21.1
 179 16.0 12.2 18.2

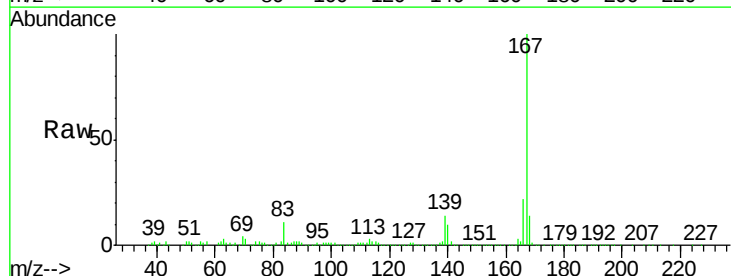


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

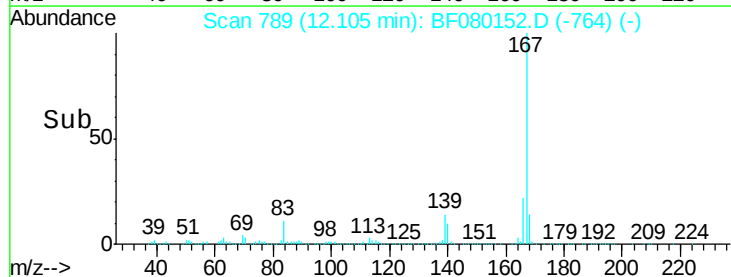
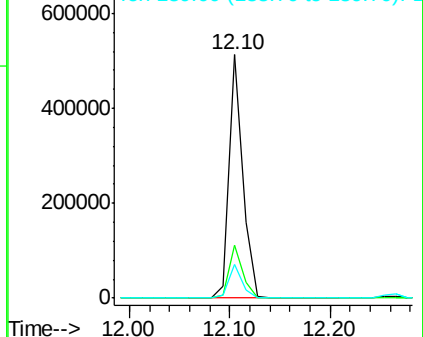


#72
 Carbazole
 Concen: 45.23 ng
 RT: 12.10 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF080152.D
 Acq: 25 Jun 2015 3:06

Tgt Ion:167 Resp: 483331
 Ion Ratio Lower Upper
 167 100
 166 21.8 15.7 23.5
 139 13.7 9.5 14.3



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





#73

Di-n-butylphthalate

Concen: 52.10 ng

RT: 12.44 min Scan# 818

Delta R.T. -0.02 min

Lab File: BF080152.D

Acq: 25 Jun 2015 3:06

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MSD

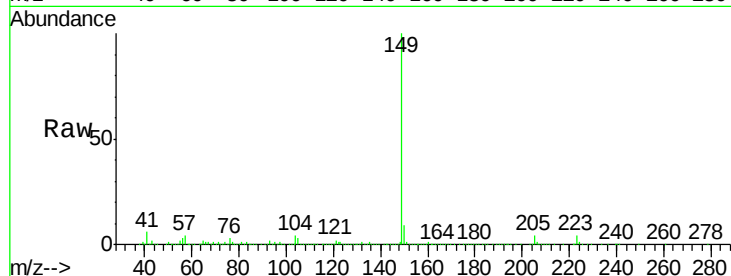
Tgt Ion:149 Resp: 643345

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

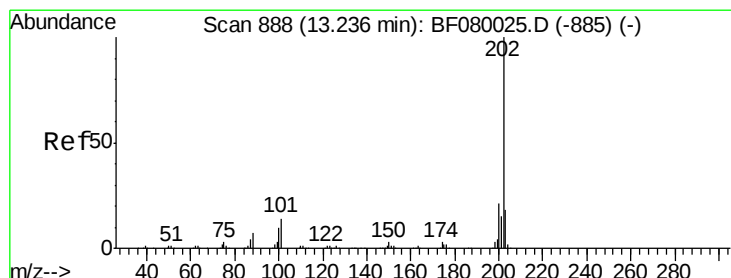
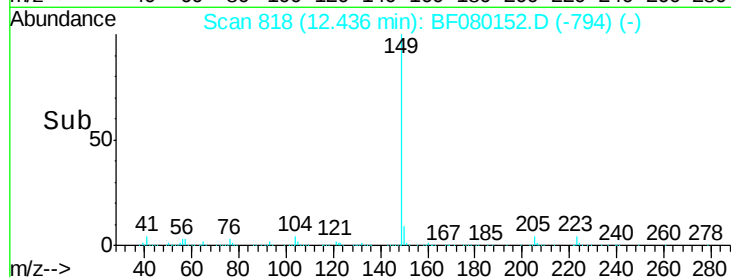
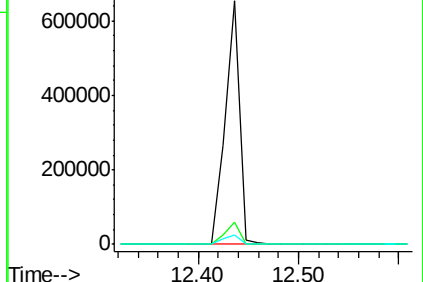
104 4.0 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 53.91 ng

RT: 13.16 min Scan# 881

Delta R.T. -0.05 min

Lab File: BF080152.D

Acq: 25 Jun 2015 3:06

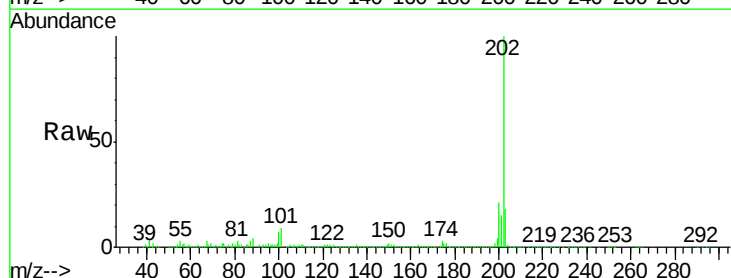
Tgt Ion:202 Resp: 667500

Ion Ratio Lower Upper

202 100

101 9.2 0.0 38.3

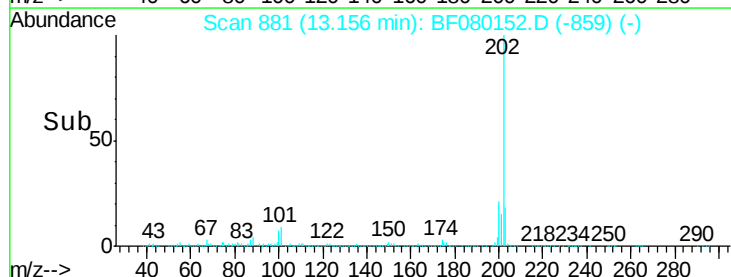
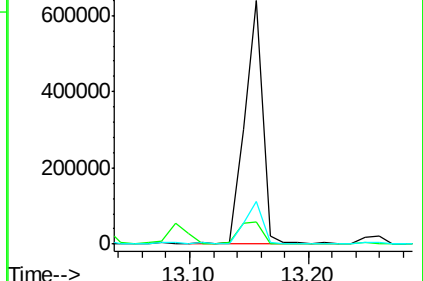
203 17.7 0.0 37.3

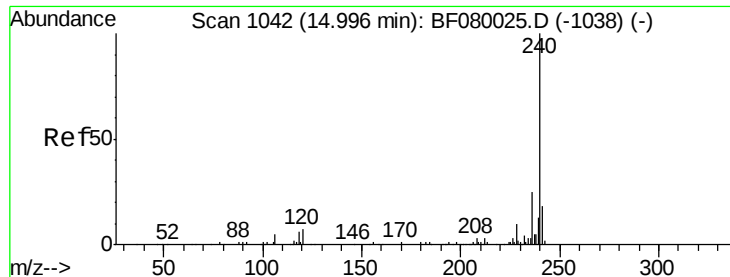


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

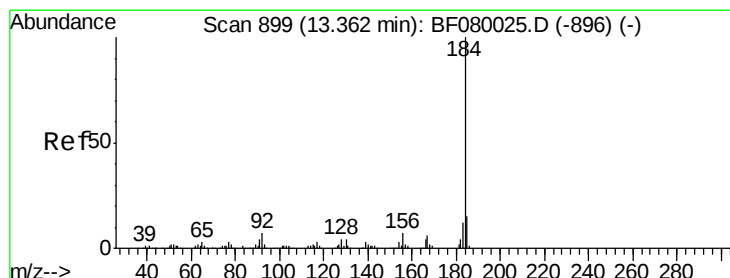
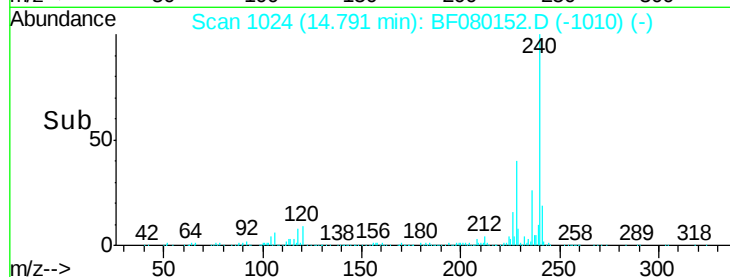
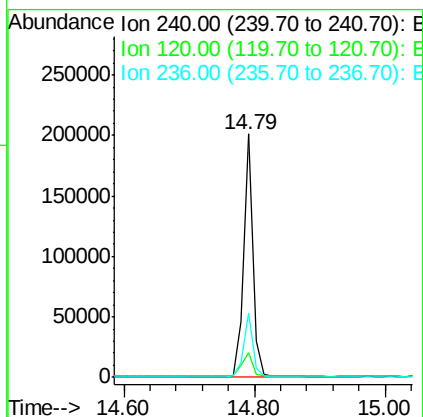
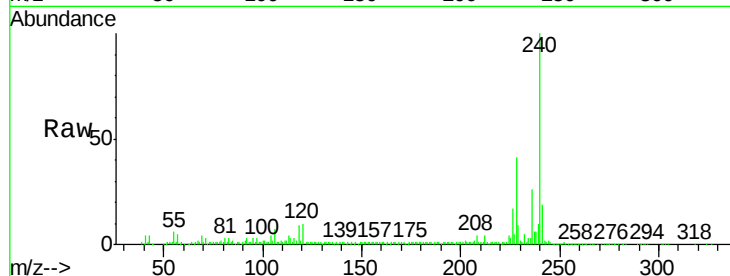




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.79 min Scan# 1024
Delta R.T. -0.14 min
Lab File: BF080152.D
Acq: 25 Jun 2015 3:06

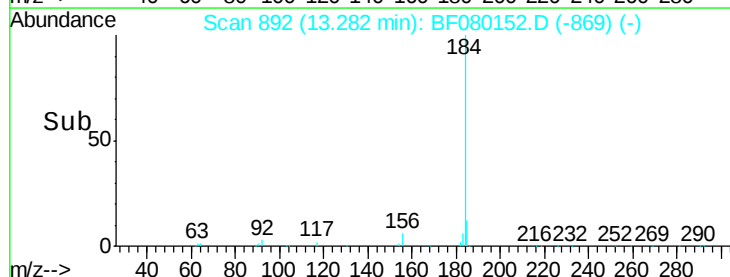
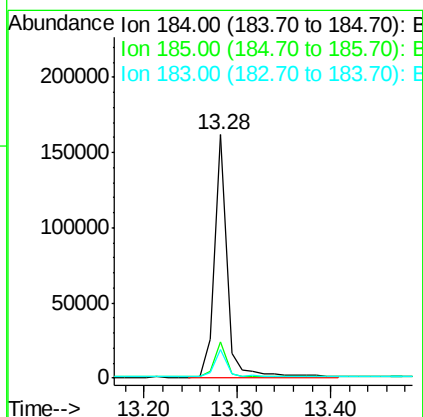
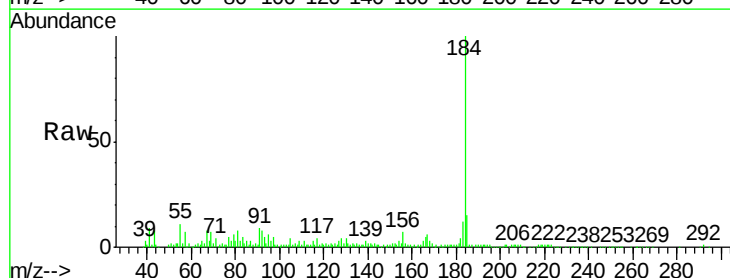
Instrument :
BNA_F
ClientSampleId :
SB-76(11-13)MSD

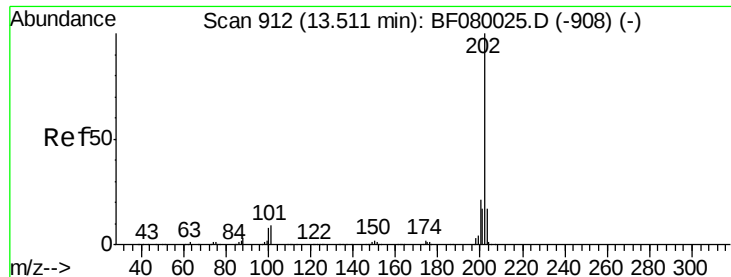
Tgt Ion:240 Resp: 195669
Ion Ratio Lower Upper
240 100
120 9.9 16.2 24.2#
236 26.4 18.4 27.6



#76
Benzidine
Concen: 27.83 ng
RT: 13.28 min Scan# 892
Delta R.T. -0.03 min
Lab File: BF080152.D
Acq: 25 Jun 2015 3:06

Tgt Ion:184 Resp: 152186
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.6
183 12.0 7.6 11.4#





#77

Pyrene

Concen: 61.81 ng

RT: 13.41 min Scan# 903

Delta R.T. -0.06 min

Lab File: BF080152.D

Acq: 25 Jun 2015 3:06

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MSD

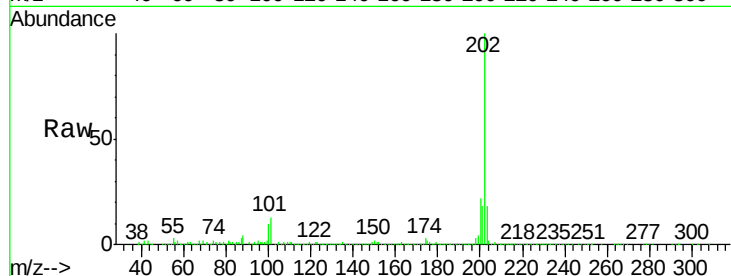
Tgt Ion:202 Resp: 744584

Ion Ratio Lower Upper

202 100

200 22.1 15.0 22.4

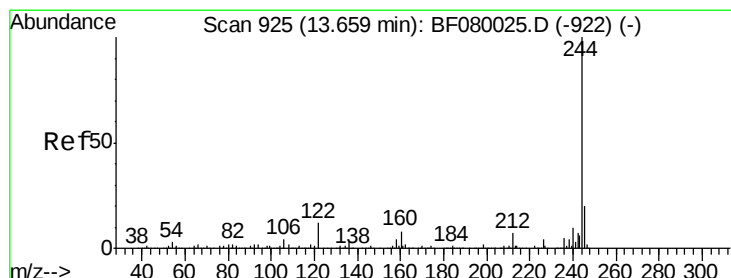
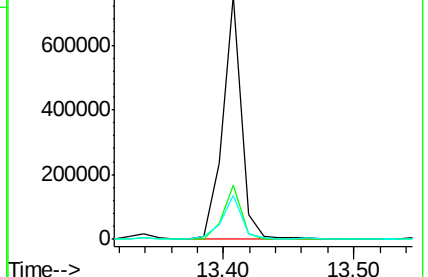
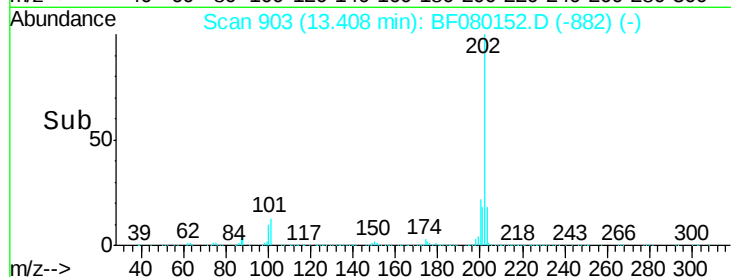
203 18.1 14.1 21.1



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: 57.55 ng

RT: 13.54 min Scan# 915

Delta R.T. -0.07 min

Lab File: BF080152.D

Acq: 25 Jun 2015 3:06

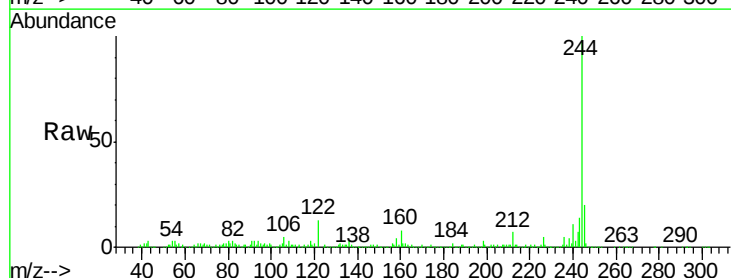
Tgt Ion:244 Resp: 482171

Ion Ratio Lower Upper

244 100

212 7.1 4.3 6.5#

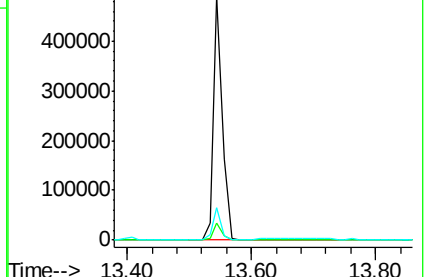
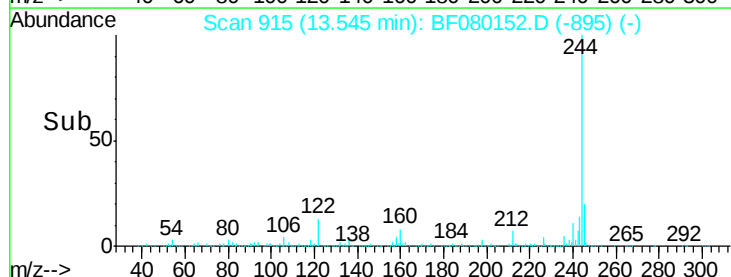
122 13.4 17.4 26.2#

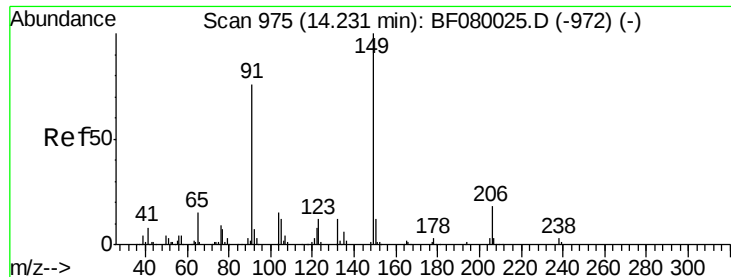


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 56.90 ng

RT: 14.07 min Scan# 961

Delta R.T. -0.10 min

Lab File: BF080152.D

Acq: 25 Jun 2015 3:06

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MSD

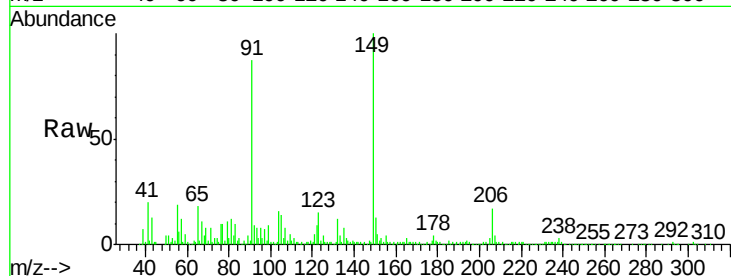
Tgt Ion:149 Resp: 275276

Ion Ratio Lower Upper

149 100

91 87.4 48.6 72.8#

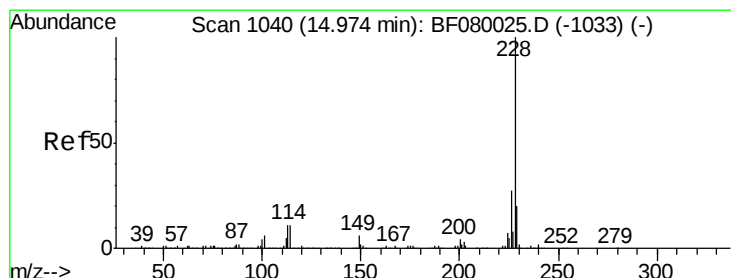
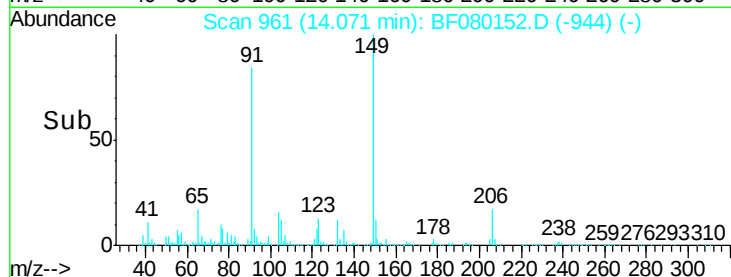
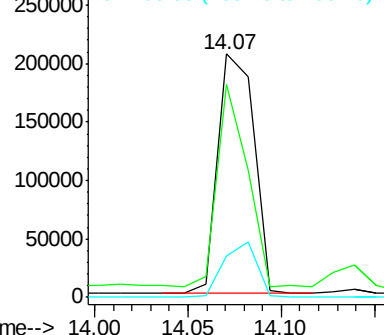
206 17.2 14.9 22.3



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: 58.70 ng

RT: 14.78 min Scan# 1023

Delta R.T. -0.14 min

Lab File: BF080152.D

Acq: 25 Jun 2015 3:06

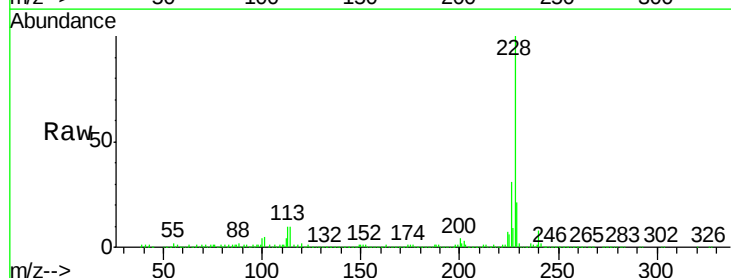
Tgt Ion:228 Resp: 699670

Ion Ratio Lower Upper

228 100

226 30.8 20.0 30.0#

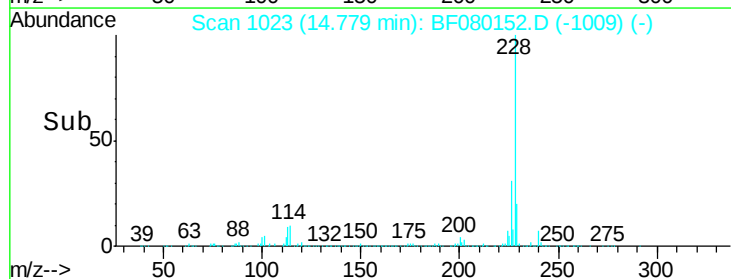
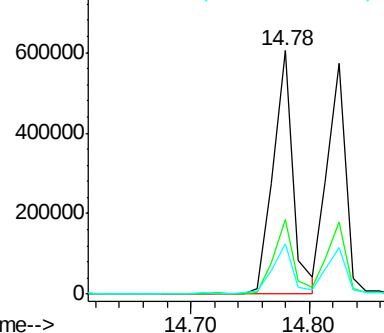
229 20.7 15.4 23.2

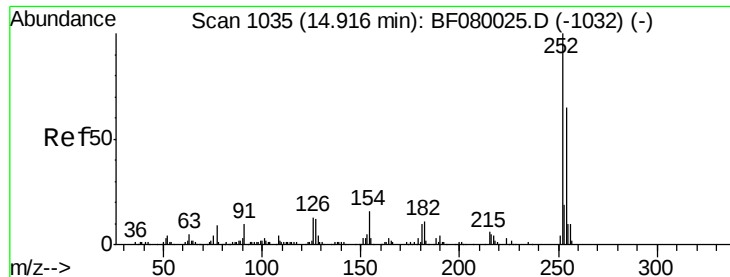


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

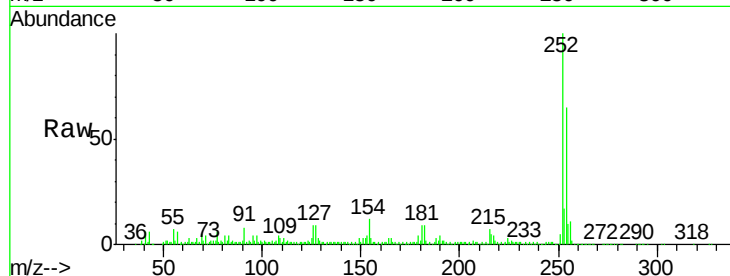




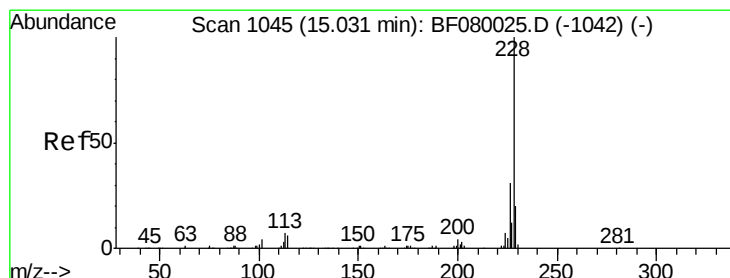
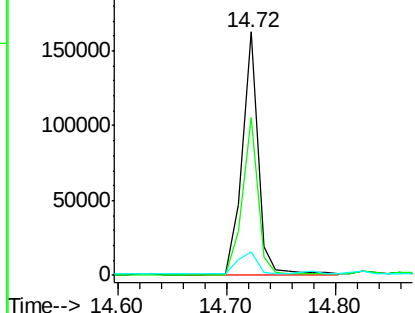
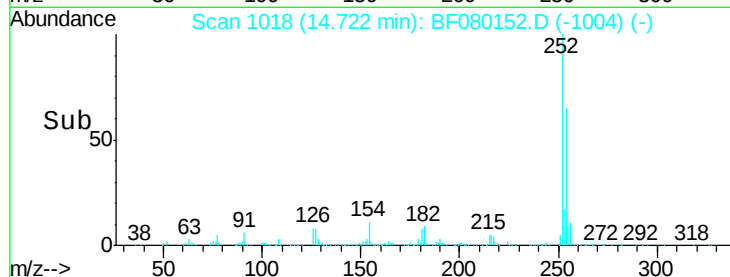
#81
 3,3'-Dichlorobenzidine
 Concen: 39.91 ng
 RT: 14.72 min Scan# 1018
 Delta R.T. -0.14 min
 Lab File: BF080152.D
 Acq: 25 Jun 2015 3:06

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

Tgt Ion:252 Resp: 164080
 Ion Ratio Lower Upper
 252 100
 254 64.6 51.4 77.2
 126 9.5 16.4 24.6#

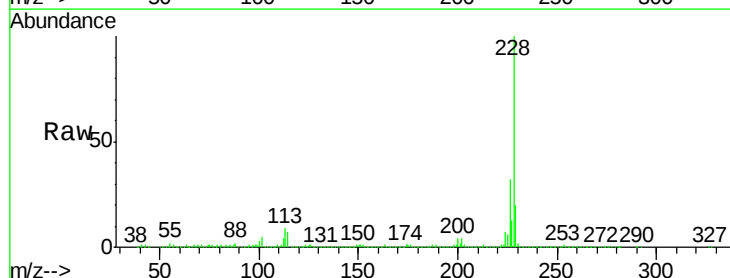


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

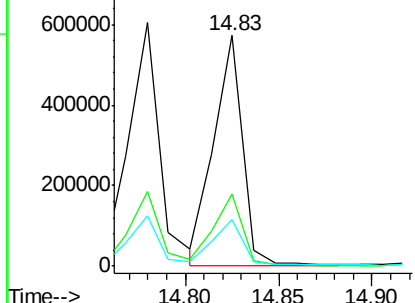
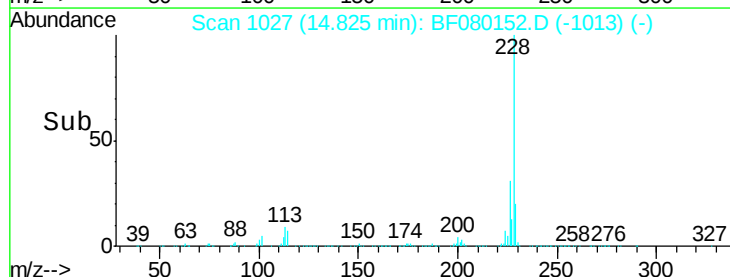


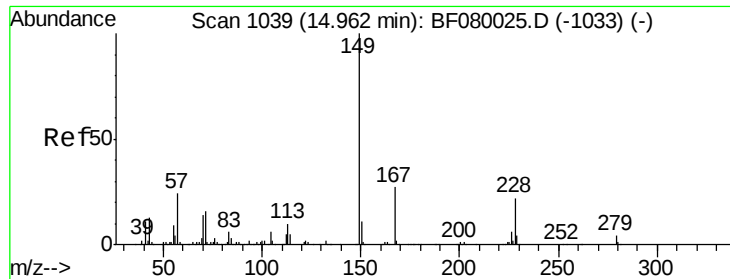
#82
 Chrysene
 Concen: 56.91 ng m
 RT: 14.83 min Scan# 1027
 Delta R.T. -0.14 min
 Lab File: BF080152.D
 Acq: 25 Jun 2015 3:06

Tgt Ion:228 Resp: 625513
 Ion Ratio Lower Upper
 228 100
 226 31.6 21.0 31.4#
 229 20.3 15.6 23.4



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

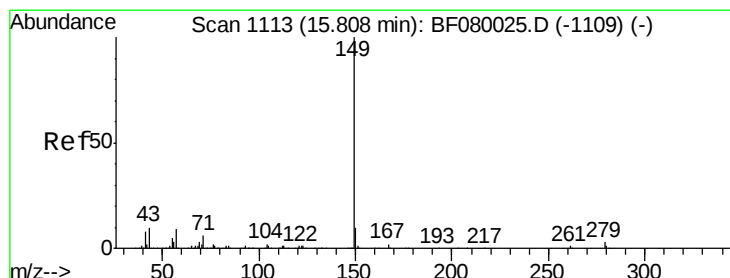
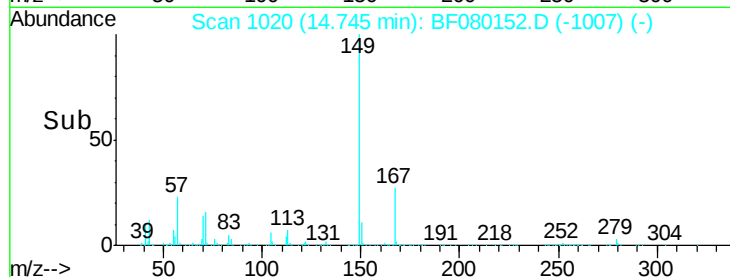
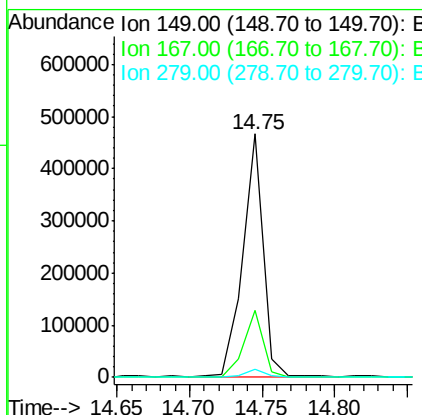
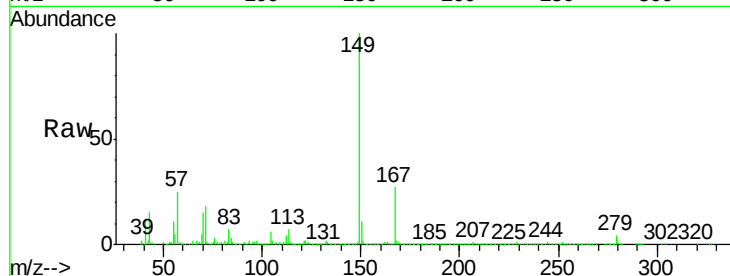




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 58.57 ng
 RT: 14.75 min Scan# 1020
 Delta R.T. -0.15 min
 Lab File: BF080152.D
 Acq: 25 Jun 2015 3:06

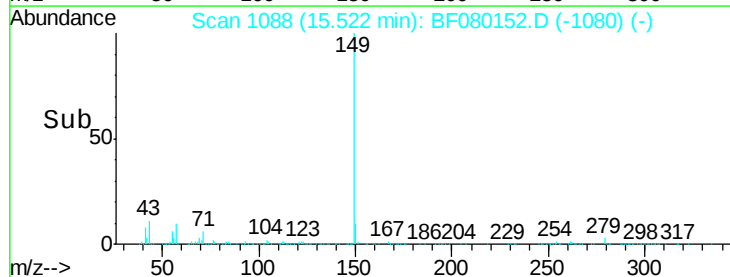
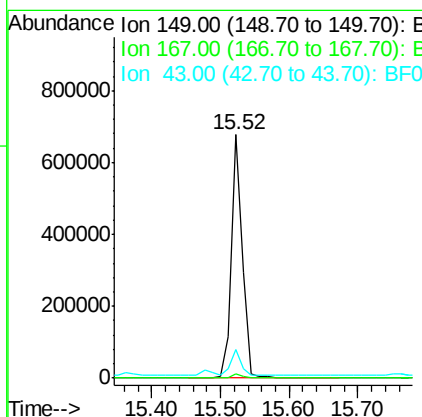
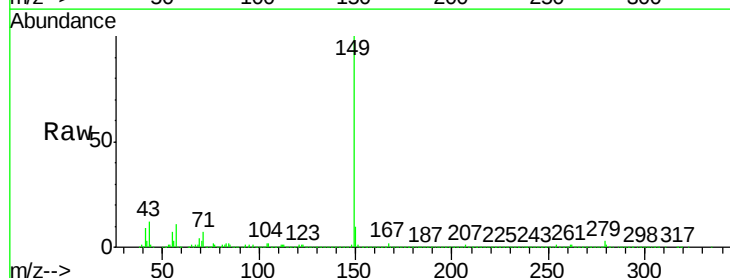
Instrument :
 BNA_F
 ClientSampleId :
 SB-76(11-13)MSD

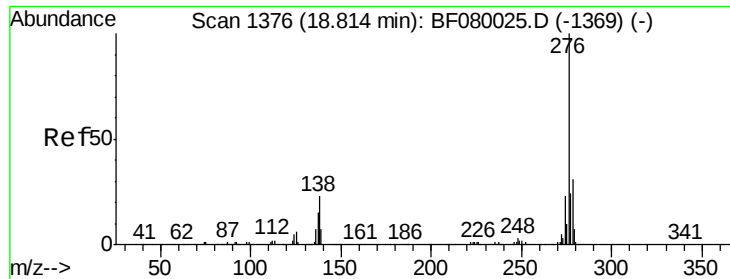
Tgt Ion:149 Resp: 447819
 Ion Ratio Lower Upper
 149 100
 167 27.3 24.2 36.2
 279 3.6 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 57.62 ng
 RT: 15.52 min Scan# 1088
 Delta R.T. -0.21 min
 Lab File: BF080152.D
 Acq: 25 Jun 2015 3:06

Tgt Ion:149 Resp: 754904
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.0 1.6#
 43 10.1 10.2 15.2#

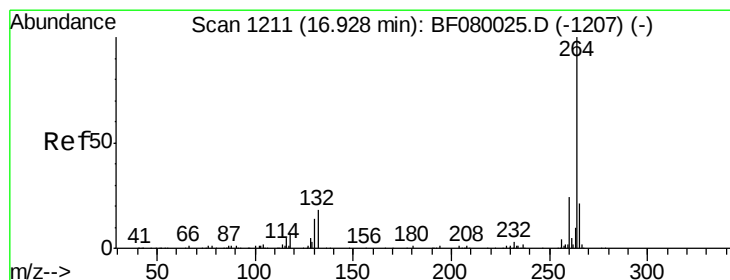
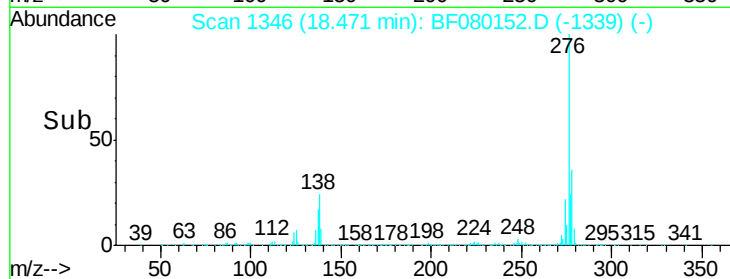
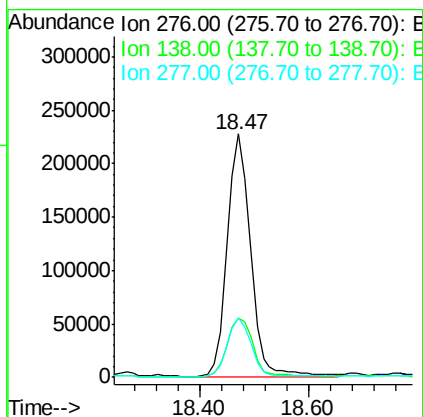
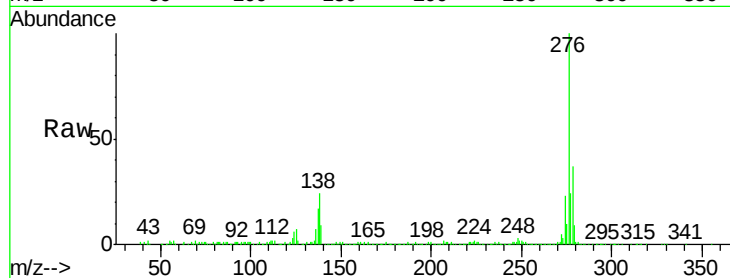




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.54 ng
 RT: 18.47 min Scan# 1346
 Delta R.T. -0.22 min
 Lab File: BF080152.D
 Acq: 25 Jun 2015 3:06

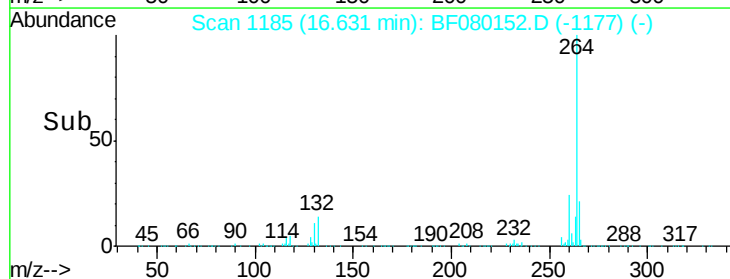
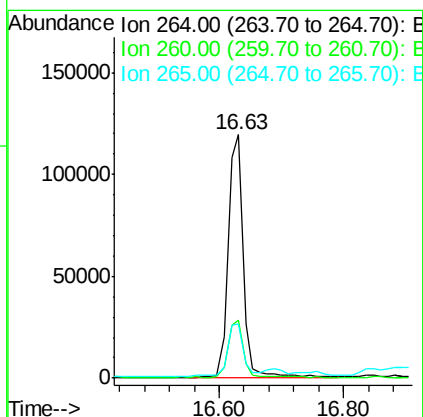
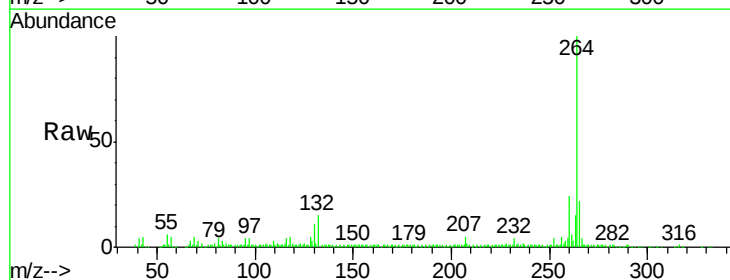
Instrument :
 BNA_F
 ClientSampleId :
 SB-76(11-13)MSD

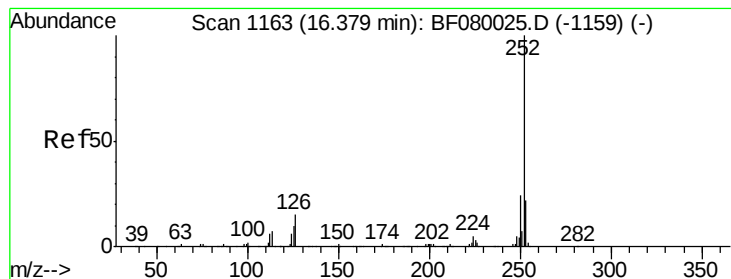
Tgt Ion:276 Resp: 672880
 Ion Ratio Lower Upper
 276 100
 138 26.5 25.7 38.5
 277 24.7 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.63 min Scan# 1185
 Delta R.T. -0.21 min
 Lab File: BF080152.D
 Acq: 25 Jun 2015 3:06

Tgt Ion:264 Resp: 198700
 Ion Ratio Lower Upper
 264 100
 260 23.9 16.7 25.1
 265 22.1 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 62.89 ng

RT: 16.09 min Scan# 1138

Delta R.T. -0.21 min

Lab File: BF080152.D

Acq: 25 Jun 2015 3:06

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MSD

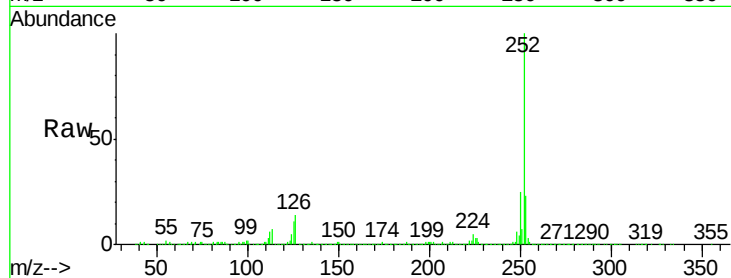
Tgt Ion:252 Resp: 756572

Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

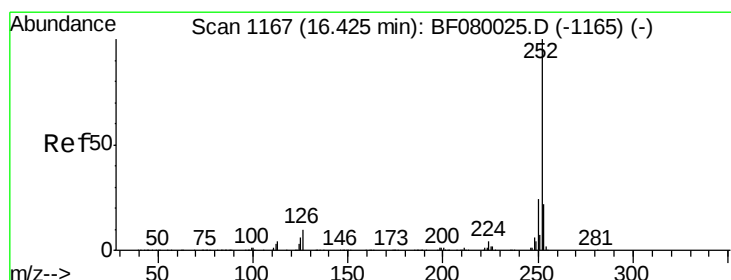
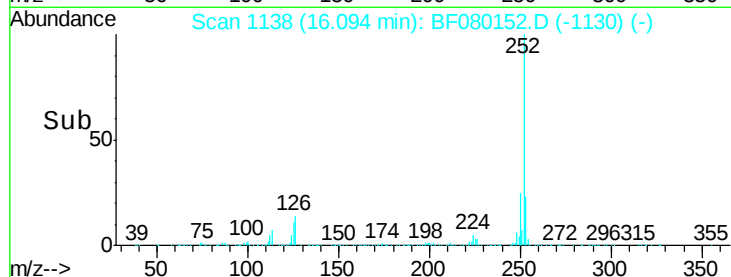
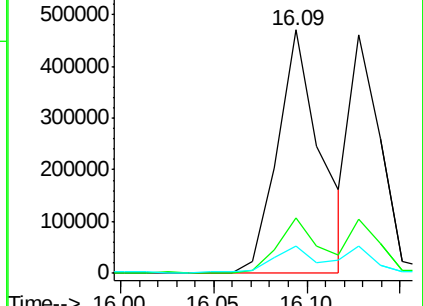
125 11.0 17.1 25.7#



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: 42.79 ng

RT: 16.13 min Scan# 1141

Delta R.T. -0.21 min

Lab File: BF080152.D

Acq: 25 Jun 2015 3:06

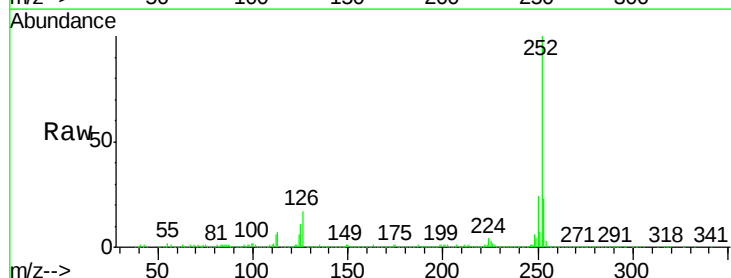
Tgt Ion:252 Resp: 524173

Ion Ratio Lower Upper

252 100

253 22.8 17.0 25.4

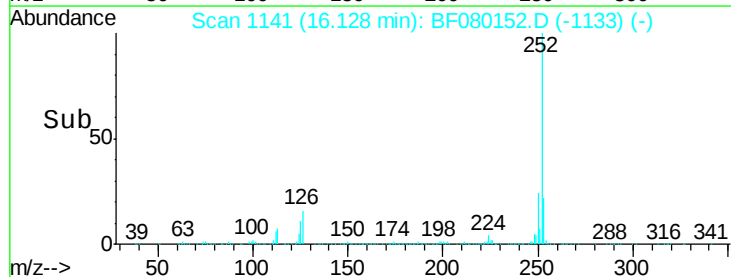
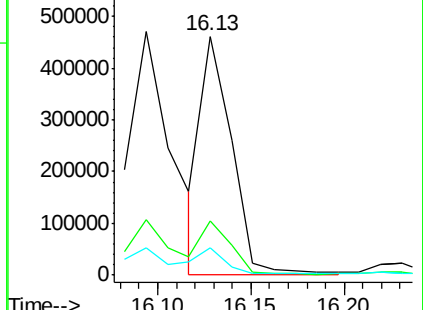
125 11.4 16.0 24.0#

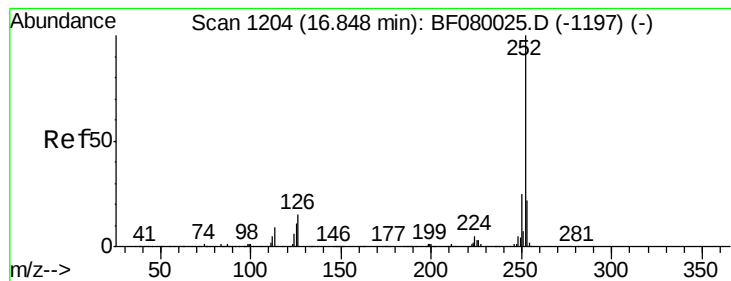


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 57.38 ng m

RT: 16.55 min Scan# 1178

Delta R.T. -0.21 min

Lab File: BF080152.D

Acq: 25 Jun 2015 3:06

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MSD

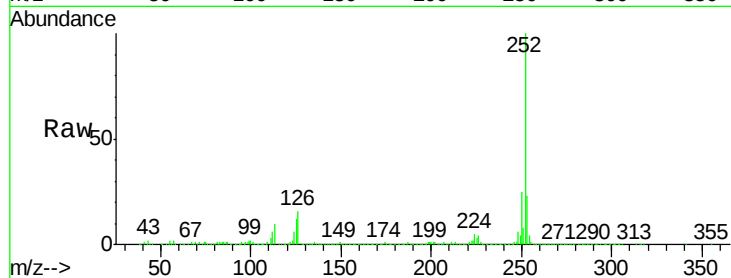
Tgt Ion:252 Resp: 655583

Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

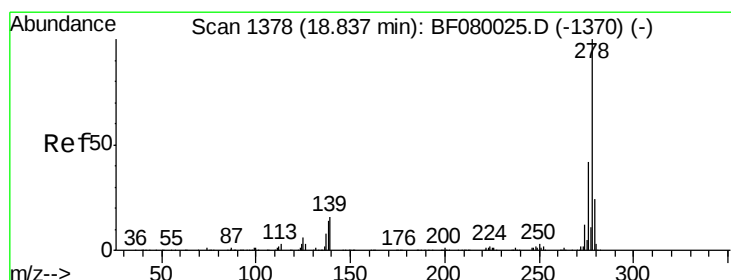
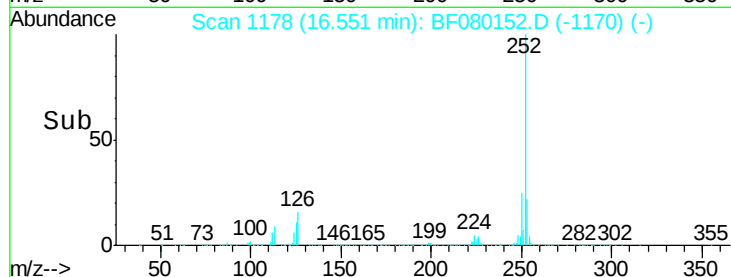
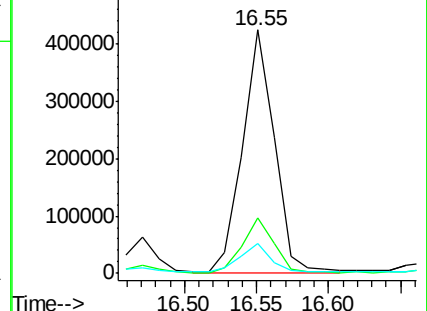
125 12.5 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.16 ng

RT: 18.49 min Scan# 1348

Delta R.T. -0.22 min

Lab File: BF080152.D

Acq: 25 Jun 2015 3:06

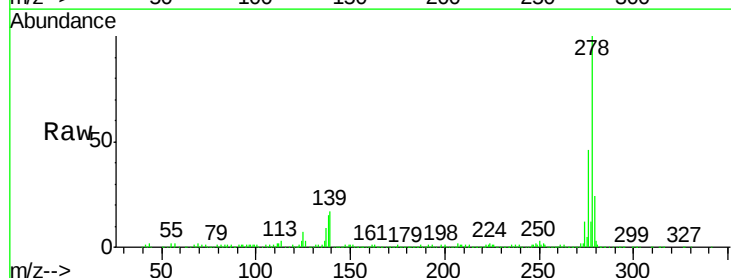
Tgt Ion:278 Resp: 528079

Ion Ratio Lower Upper

278 100

139 16.6 26.3 39.5#

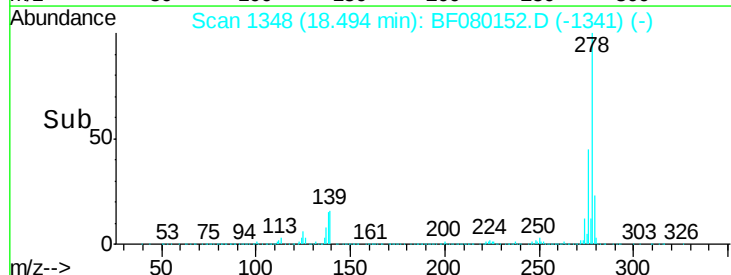
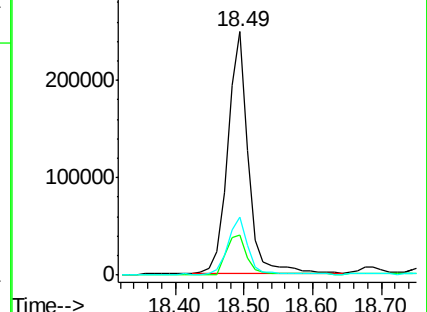
279 23.8 18.2 27.4

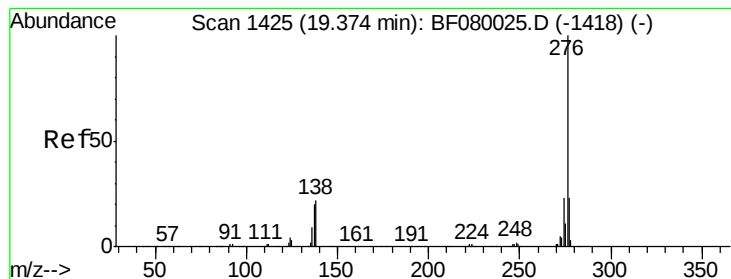


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 48.62 ng

RT: 19.03 min Scan# 1395

Delta R.T. -0.22 min

Lab File: BF080152.D

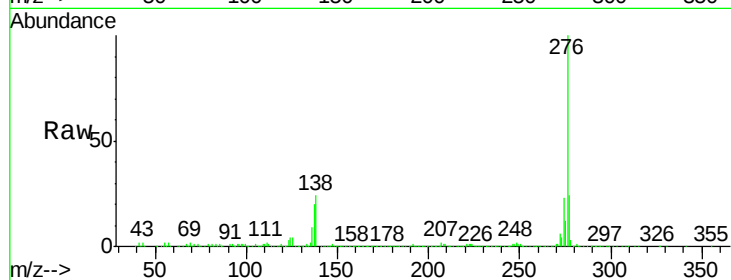
Acq: 25 Jun 2015 3:06

Instrument :

BNA_F

ClientSampleId :

SB-76(11-13)MSD



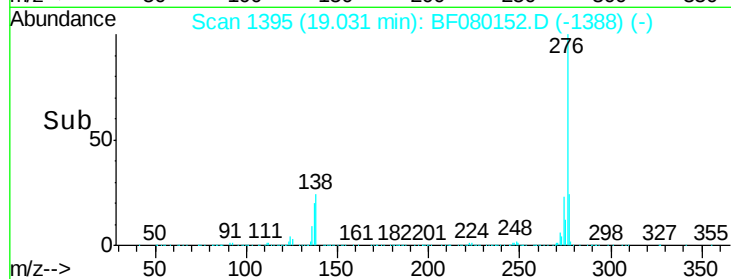
Tgt Ion: 276 Resp: 574127

Ion Ratio Lower Upper

276 100

277 23.8 17.8 26.6

138 24.0 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

