

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020915\
 Data File : BF077228.D
 Acq On : 9 Feb 2015 17:13
 Operator : TP/IZ
 Sample : PB81646BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81644BS

Quant Time: Feb 10 01:04:59 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 10 00:55:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	31058	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	125742	20.00	ng	0.00
38) Acenaphthene-d10	14.61	164	71623	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	123846	20.00	ng	0.00
75) Chrysene-d12	21.01	240	117267	20.00	ng	0.00
86) Perylene-d12	22.66	264	100816	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.60	112	203247	107.60	ng	0.00
7) Phenol-d6	7.01	99	255057	107.03	ng	0.00
23) Nitrobenzene-d5	8.90	82	162790	71.72	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	66667	114.67	ng	0.00
44) 2-Fluorobiphenyl	13.16	172	343294	72.94	ng	0.00
78) Terphenyl-d14	19.76	244	375487	73.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.07	88	21779	26.93	ng	96
3) Pyridine	1.50	79	54857	26.21	ng	97
4) n-Nitrosodimethylamine	1.46	42	35265	34.01	ng	91
6) Aniline	6.89	93	50509	15.32	ng	98
8) 2-Chlorophenol	7.13	128	73955	33.96	ng	96
10) Phenol	7.04	94	80319	31.74	ng	90
11) bis(2-Chloroethyl)ether	7.14	93	66445	33.56	ng	# 83
12) 1,3-Dichlorobenzene	7.44	146	79355	32.03	ng	98
13) 1,4-Dichlorobenzene	7.63	146	80875	30.78	ng	97
14) 1,2-Dichlorobenzene	7.94	146	77194	31.89	ng	95
15) Benzyl Alcohol	8.05	79	63652	33.01	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.40	45	90364	33.95	ng	88
17) 2-Methylphenol	8.41	107	58607	32.93	ng	97
18) Hexachloroethane	8.68	117	30705	33.60	ng	96
19) n-Nitroso-di-n-propylamine	8.68	70	53251	31.92	ng	97
20) 3+4-Methylphenols	8.80	107	66151	28.07	ng	93
22) Acetophenone	8.60	105	109373	35.51	ng	96
24) Nitrobenzene	8.94	77	76574	33.12	ng	99
25) Isophorone	9.55	82	145298	35.15	ng	97
26) 2-Nitrophenol	9.69	139	35872	30.95	ng	# 89
27) 2,4-Dimethylphenol	9.98	122	64652	36.16	ng	98
28) bis(2-Chloroethoxy)methane	10.18	93	89703	38.18	ng	96
29) 2,4-Dichlorophenol	10.30	162	55544	33.33	ng	95
30) 1,2,4-Trichlorobenzene	10.42	180	64175	34.67	ng	98
31) Naphthalene	10.54	128	219921	33.97	ng	98
32) Benzoic acid	10.40	122	12018	12.13	ng	88
33) 4-Chloroaniline	10.82	127	44415	16.98	ng	97
34) Hexachlorobutadiene	10.92	225	37610	34.25	ng	96
35) Caprolactam	11.66	113	12040	24.54	ng	91
36) 4-Chloro-3-methylphenol	12.12	107	64867	34.00	ng	95
37) 2-Methylnaphthalene	12.20	142	159559	36.09	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.60	216	62961	35.56	ng	95
40) Hexachlorocyclopentadiene	12.59	237	61268	65.17	ng	96
42) 2,4,6-Trichlorophenol	12.97	196	39211	30.39	ng	94

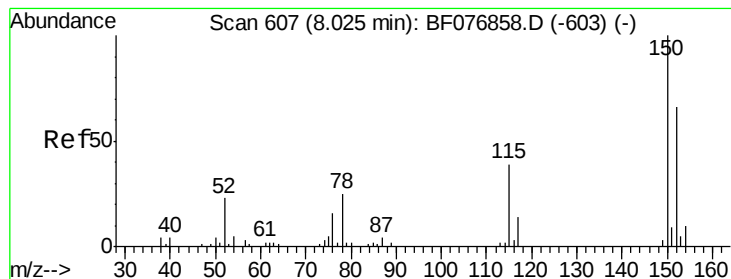
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.06	196	34451	26.18	ng	# 91
45) 1,1'-Biphenyl	13.36	154	189120	35.62	ng	99
46) 2-Chloronaphthalene	13.33	162	148898	34.08	ng	97
47) 2-Nitroaniline	13.69	65	46096	34.78	ng	# 88
48) Acenaphthylene	14.27	152	240129	32.58	ng	99
49) Dimethylphthalate	14.24	163	182958	36.02	ng	99
50) 2,6-Dinitrotoluene	14.33	165	38601	38.04	ng	# 85
51) Acenaphthene	14.69	154	135229	32.34	ng	96
52) 3-Nitroaniline	14.68	138	27377	21.69	ng	90
53) 2,4-Dinitrophenol	14.97	184	20957	49.29	ng	90
54) Dibenzofuran	15.12	168	213099	34.98	ng	96
55) 4-Nitrophenol	15.30	139	39440	49.54	ng	95
56) 2,4-Dinitrotoluene	15.28	165	51974	34.77	ng	94
57) Fluorene	15.89	166	174228	33.76	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.49	232	30545	31.88	ng	# 94
59) Diethylphthalate	15.91	149	191342	37.27	ng	98
60) 4-Chlorophenyl-phenylether	16.00	204	75755	35.88	ng	88
61) 4-Nitroaniline	16.07	138	35239	28.16	ng	95
62) Azobenzene	16.29	77	193094	36.10	ng	98
64) 4,6-Dinitro-2-methylphenol	16.13	198	22011	29.06	ng	76
65) n-Nitrosodiphenylamine	16.25	169	148352	33.59	ng	98
66) 4-Bromophenyl-phenylether	16.87	248	42597	33.95	ng	96
67) Hexachlorobenzene	16.88	284	46690	35.31	ng	90
68) Atrazine	17.27	200	50843	37.94	ng	97
69) Pentachlorophenol	17.27	266	31278	54.03	ng	97
70) Phenanthrene	17.54	178	258186	33.43	ng	98
71) Anthracene	17.62	178	254010	33.73	ng	100
72) Carbazole	17.92	167	241679	33.09	ng	99
73) Di-n-butylphthalate	18.51	149	325118	38.45	ng	# 98
74) Fluoranthene	19.20	202	264910	33.47	ng	98
76) Benzidine	19.45	184	113564	30.26	ng	100
77) Pyrene	19.47	202	271406	33.77	ng	99
79) Butylbenzylphthalate	20.42	149	138199	37.97	ng	94
80) Benzo(a)anthracene	21.00	228	249041	33.85	ng	99
81) 3,3'-Dichlorobenzidine	21.01	252	46921	20.07	ng	# 97
82) Chrysene	21.05	228	227426	33.90	ng	99
83) Bis(2-ethylhexyl)phthalate	21.16	149	201890	40.09	ng	# 95
84) Di-n-octyl phthalate	21.93	149	348100	39.83	ng	99
85) Indeno(1,2,3-cd)pyrene	23.76	276	223870	31.48	ng	# 83
87) Benzo(b)fluoranthene	22.25	252	217027	31.96	ng	# 97
88) Benzo(k)fluoranthene	22.28	252	220017m	37.09	ng	
89) Benzo(a)pyrene	22.59	252	210219	35.10	ng	# 95
90) Dibenzo(a,h)anthracene	23.78	278	185014	33.67	ng	# 95
91) Benzo(g,h,i)perylene	24.02	276	187418	34.30	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.60 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF077228.D

Acq: 9 Feb 2015 17:13

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BNA_F

ClientSampleId :

PB81644BS

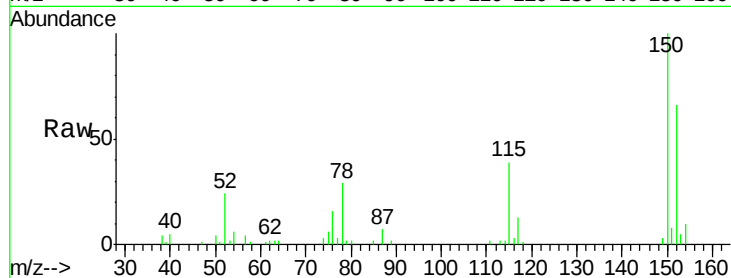
Tgt Ion:152 Resp: 31058

Ion Ratio Lower Upper

152 100

150 151.3 121.7 182.5

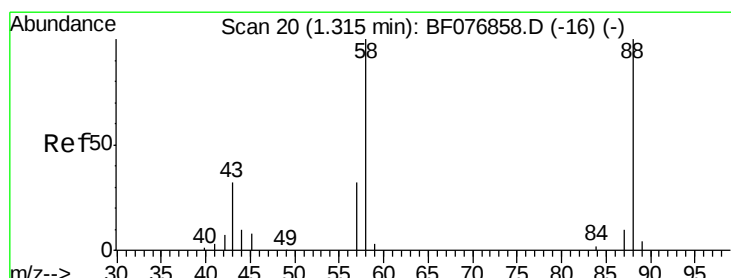
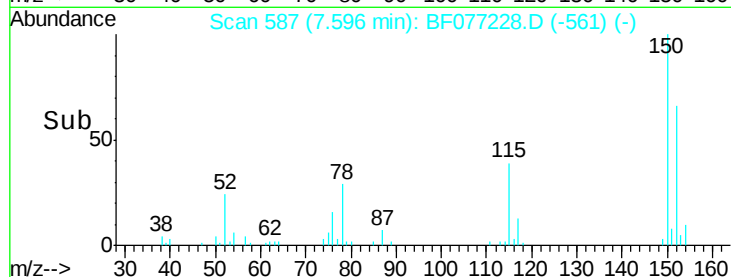
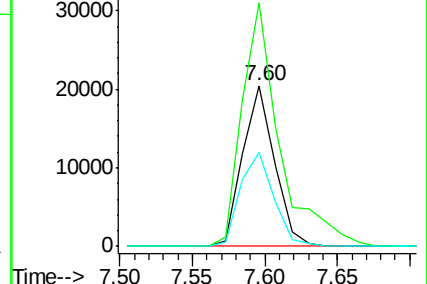
115 58.4 47.0 70.6



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: 26.93 ng

RT: 1.07 min Scan# 16

Delta R.T. 0.00 min

Lab File: BF077228.D

Acq: 9 Feb 2015 17:13

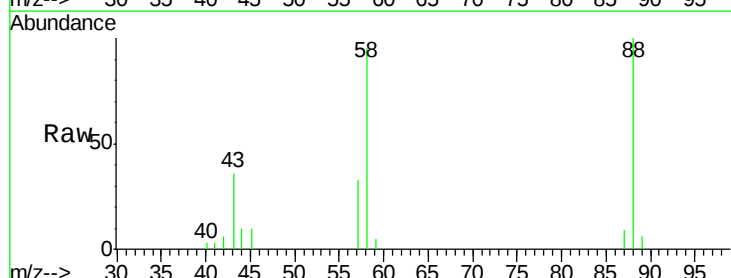
Tgt Ion: 88 Resp: 21779

Ion Ratio Lower Upper

88 100

58 94.6 77.0 115.4

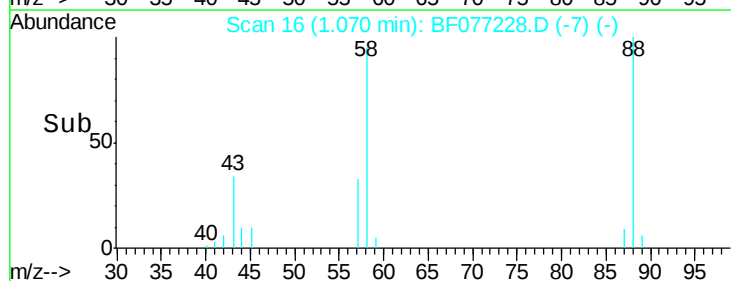
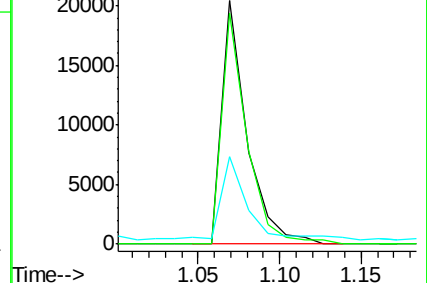
43 37.9 25.6 38.4



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: 26.21 ng

RT: 1.50 min Scan# 54

Delta R.T. 0.00 min

Lab File: BF077228.D

Acq: 9 Feb 2015 17:13

Instrument :

BNA_F

ClientSampleId :

PB81644BS

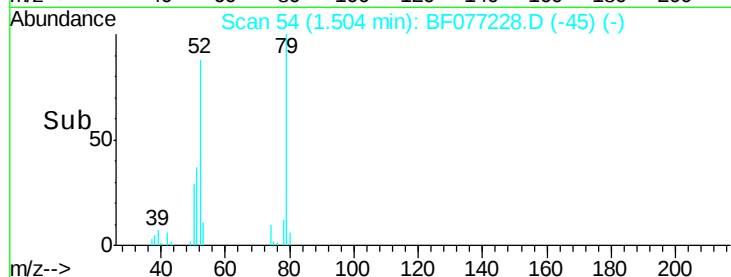
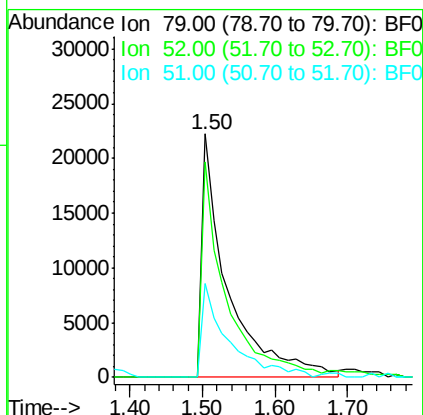
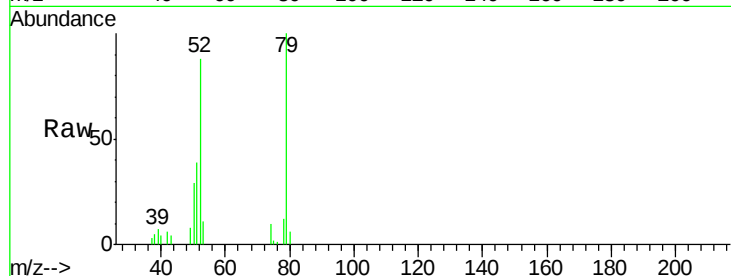
Tgt Ion: 79 Resp: 54857

Ion Ratio Lower Upper

79 100

52 88.2 70.1 105.1

51 38.7 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 34.01 ng

RT: 1.46 min Scan# 50

Delta R.T. 0.00 min

Lab File: BF077228.D

Acq: 9 Feb 2015 17:13

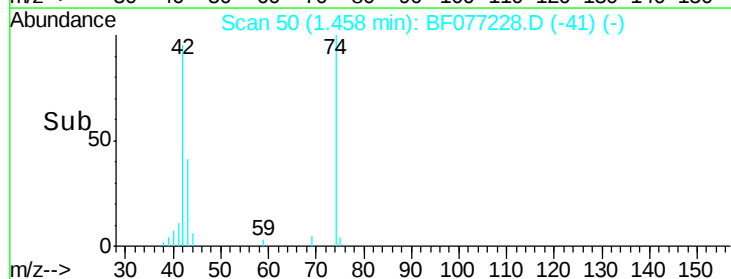
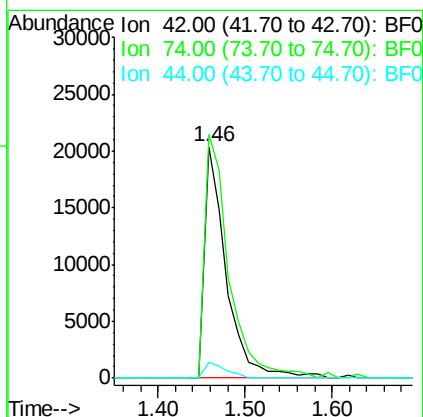
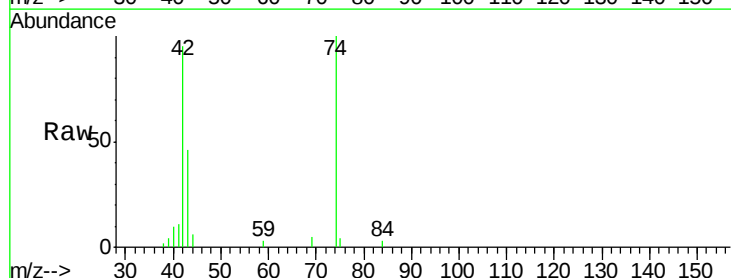
Tgt Ion: 42 Resp: 35265

Ion Ratio Lower Upper

42 100

74 105.3 92.4 138.6

44 6.7 6.2 9.2





#5

2-Fluorophenol

Concen: 107.60 ng

RT: 4.60 min Scan# 325

Delta R.T. 0.00 min

Lab File: BF077228.D

Acq: 9 Feb 2015 17:13

Instrument :

BNA_F

ClientSampleId :

PB81644BS

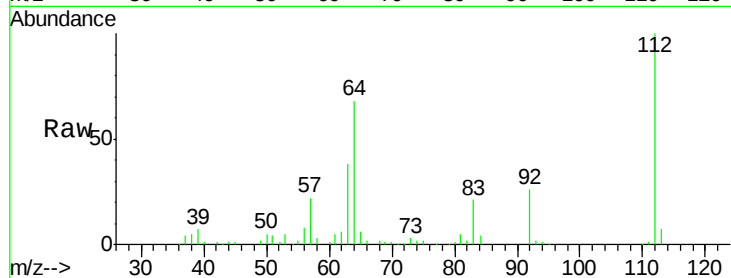
Tgt Ion: 112 Resp: 203247

Ion Ratio Lower Upper

112 100

64 68.4 54.2 81.4

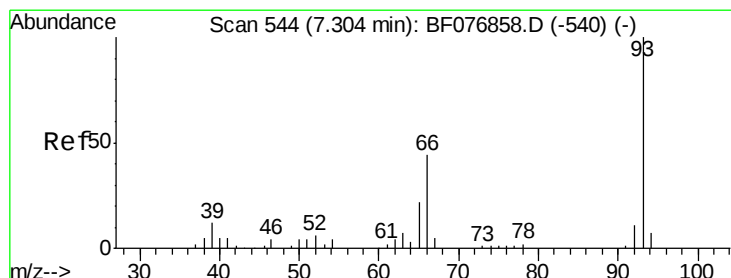
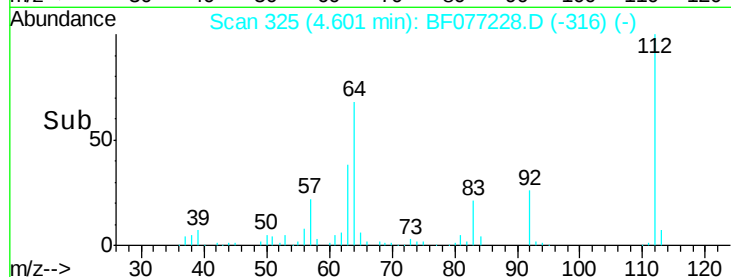
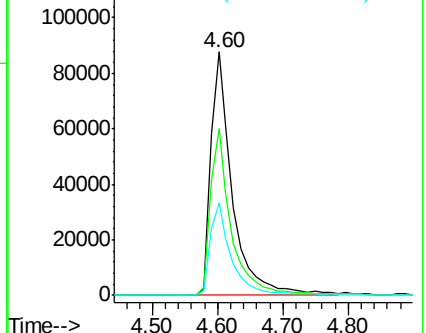
63 37.9 28.4 42.6



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: 15.32 ng

RT: 6.89 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF077228.D

Acq: 9 Feb 2015 17:13

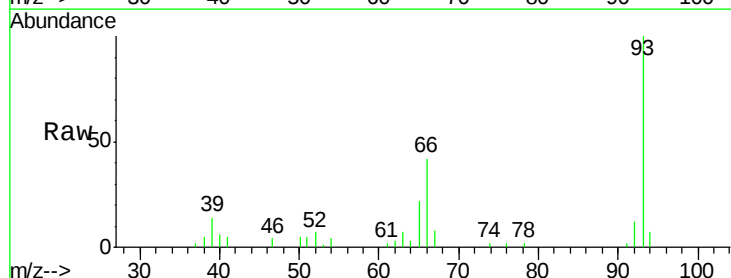
Tgt Ion: 93 Resp: 50509

Ion Ratio Lower Upper

93 100

66 42.3 35.0 52.4

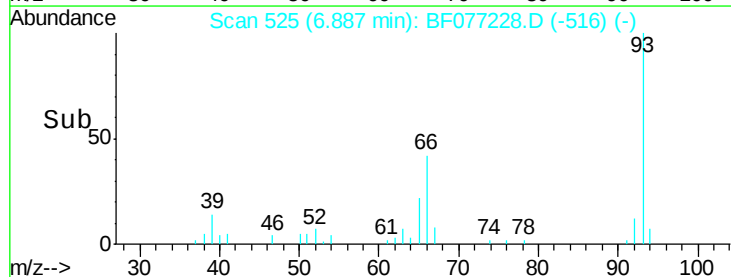
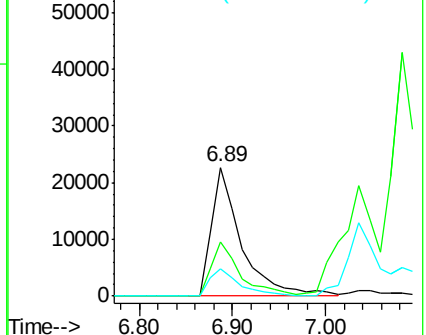
65 21.5 17.7 26.5



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: 107.03 ng

RT: 7.01 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF077228.D

Acq: 9 Feb 2015 17:13

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PB81644BS

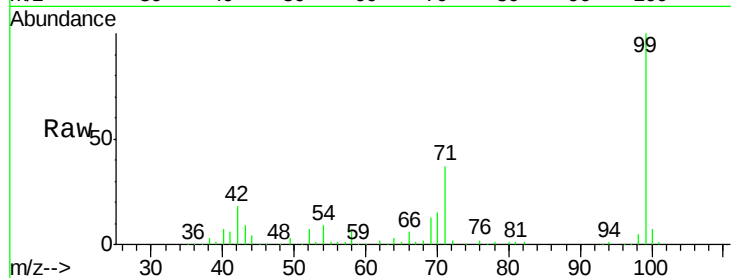
Tgt Ion: 99 Resp: 255057

Ion Ratio Lower Upper

99 100

42 17.7 15.0 22.4

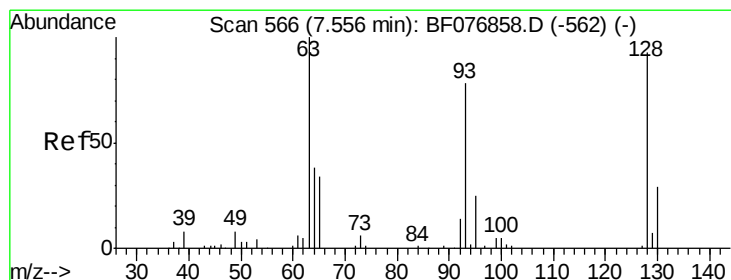
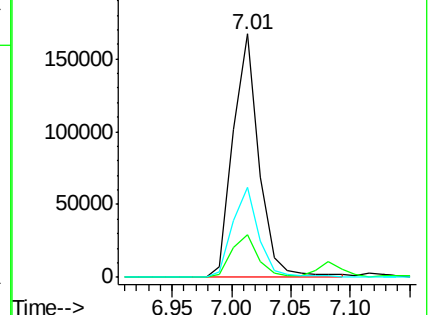
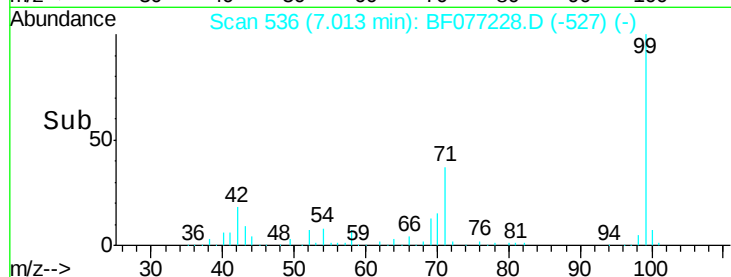
71 37.2 30.5 45.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 33.96 ng

RT: 7.13 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF077228.D

Acq: 9 Feb 2015 17:13

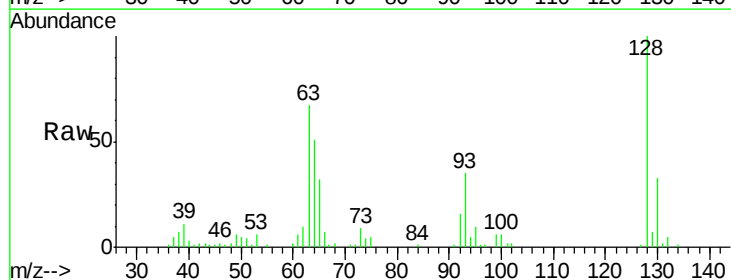
Tgt Ion: 128 Resp: 73955

Ion Ratio Lower Upper

128 100

130 33.2 11.0 51.0

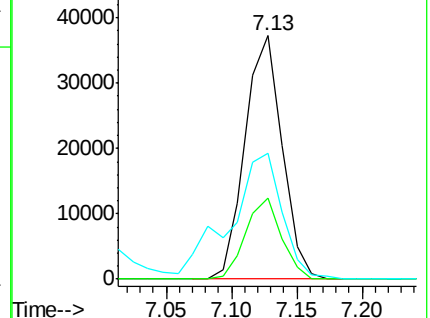
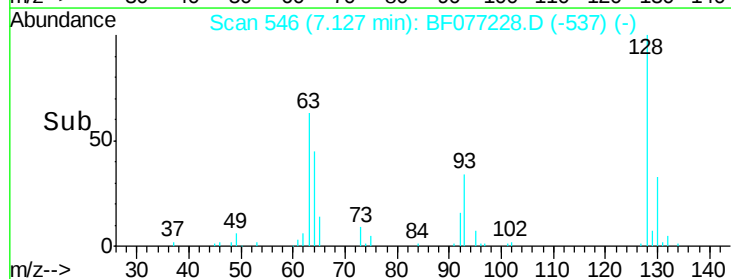
64 51.5 29.3 69.3

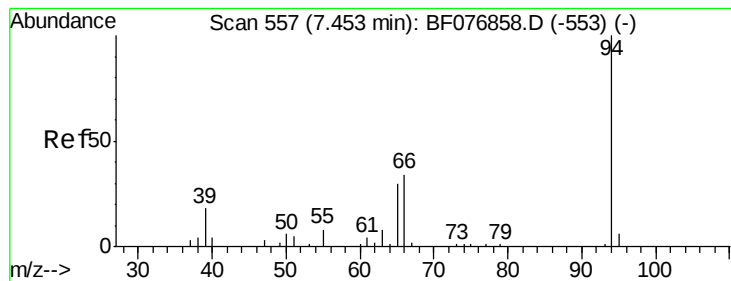


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 31.74 ng

RT: 7.04 min Scan# 538

Delta R.T. 0.00 min

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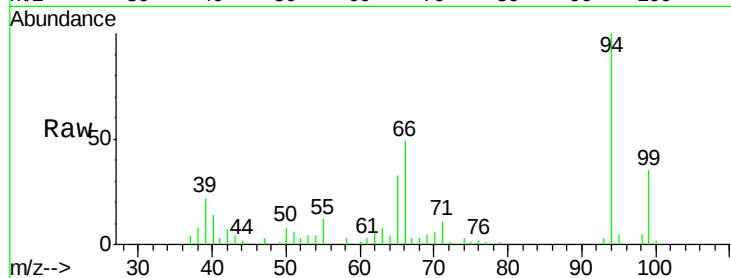
Tgt Ion: 94 Resp: 80319

Ion Ratio Lower Upper

94 100

65 32.6 11.3 51.3

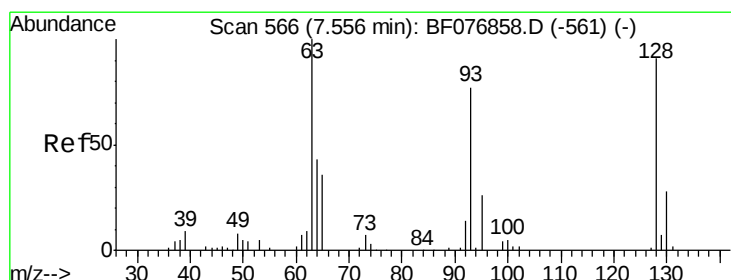
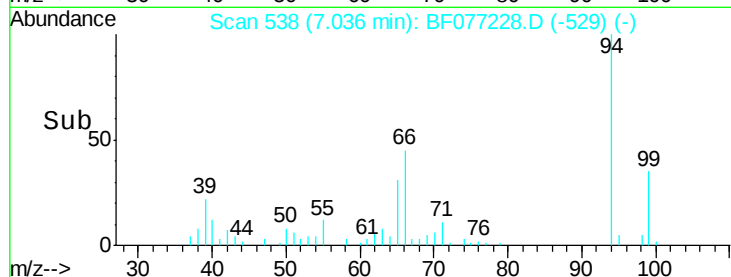
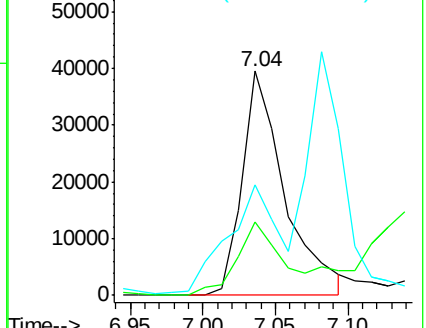
66 49.0 19.5 59.5



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: 33.56 ng

RT: 7.14 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF077228.D

Acq: 9 Feb 2015 17:13

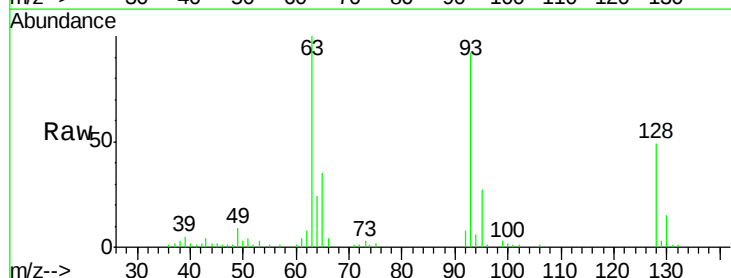
Tgt Ion: 93 Resp: 66445

Ion Ratio Lower Upper

93 100

63 108.5 111.3 151.3#

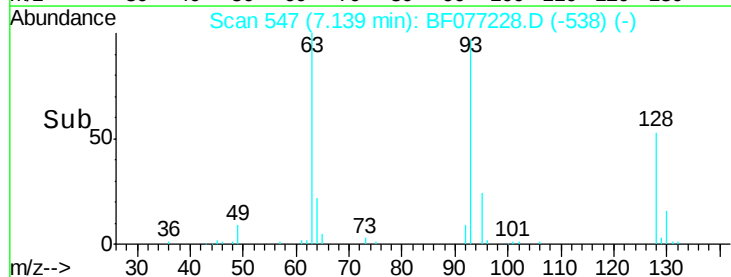
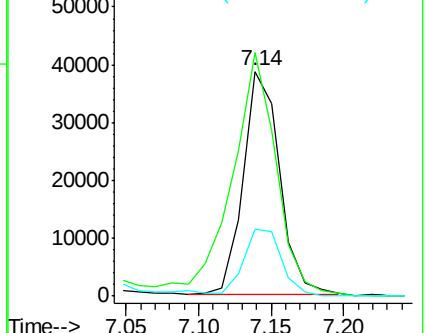
95 29.7 13.8 53.8

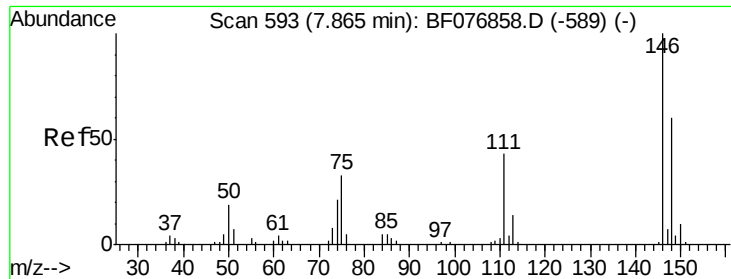


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

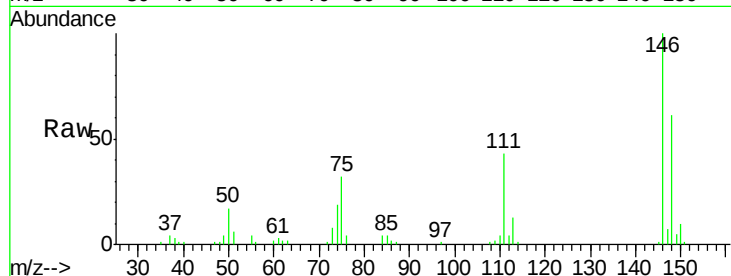




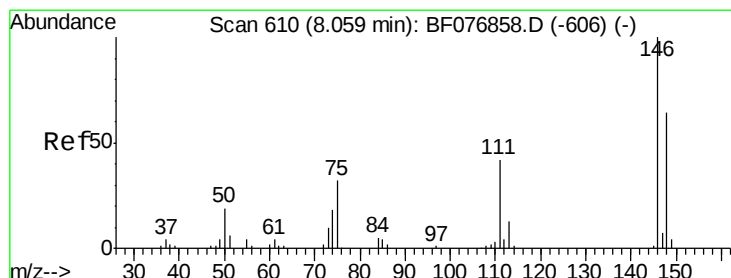
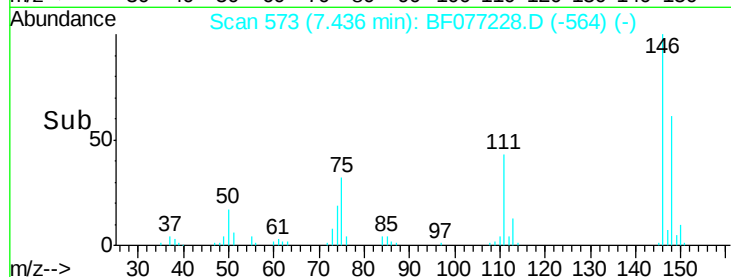
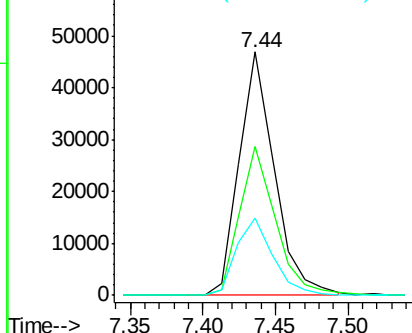
#12
 1,3-Dichlorobenzene
 Concen: 32.03 ng
 RT: 7.44 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF077228.D
 Acq: 9 Feb 2015 17:13

Instrument :
 BNA_F
 ClientSampleId :
 PB81644BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.2	48.1	72.1
75	31.8	26.8	40.2

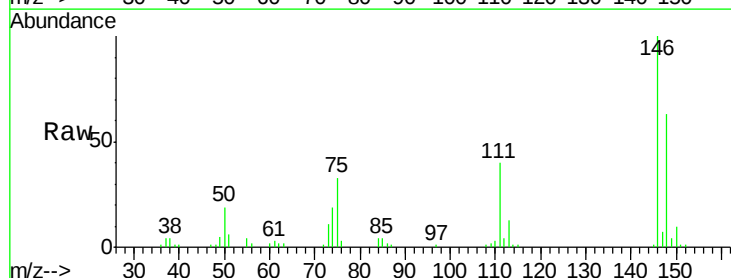


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

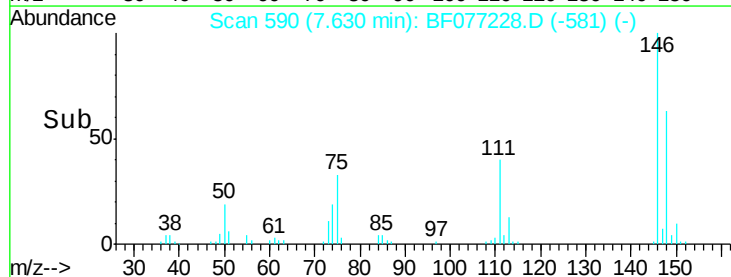
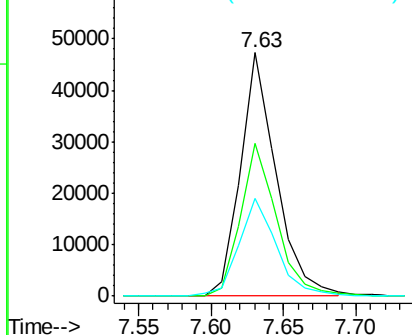


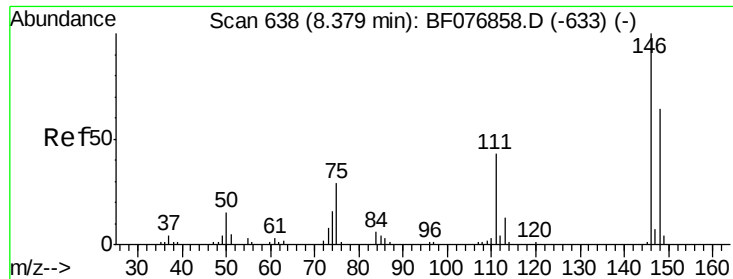
#13
 1,4-Dichlorobenzene
 Concen: 30.78 ng
 RT: 7.63 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF077228.D
 Acq: 9 Feb 2015 17:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.5	77.3
111	40.0	33.9	50.9



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

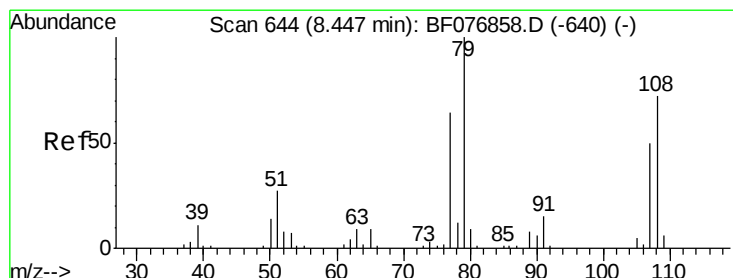
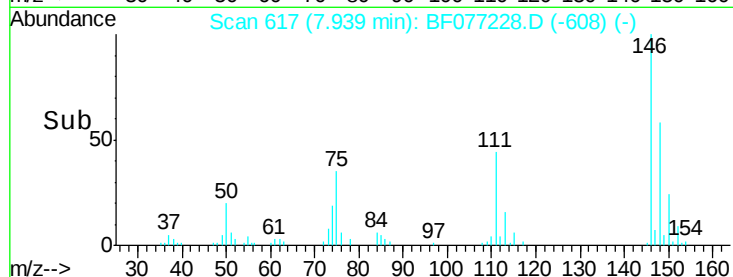
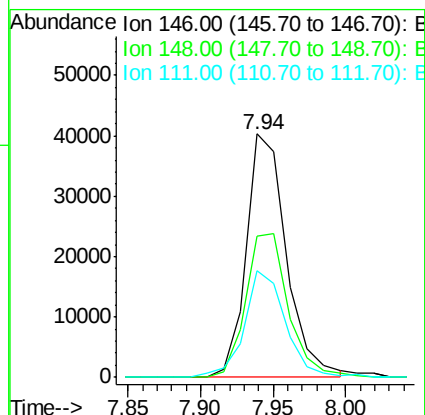
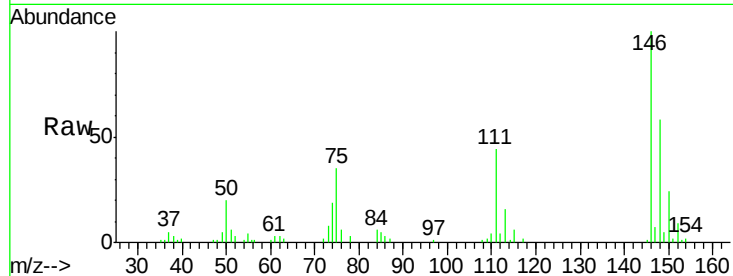




#14
1,2-Dichlorobenzene
Concen: 31.89 ng
RT: 7.94 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF077228.D
Acq: 9 Feb 2015 17:13

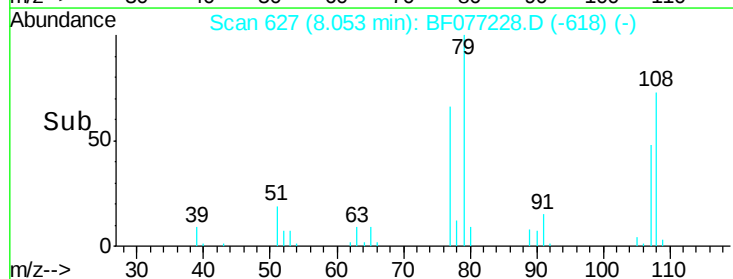
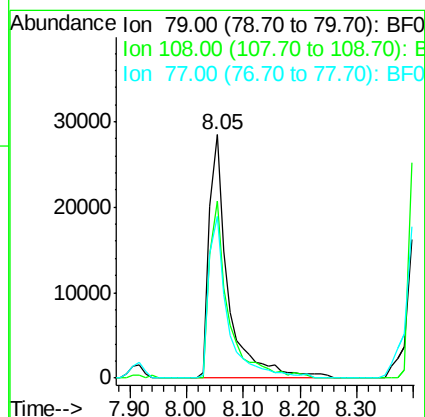
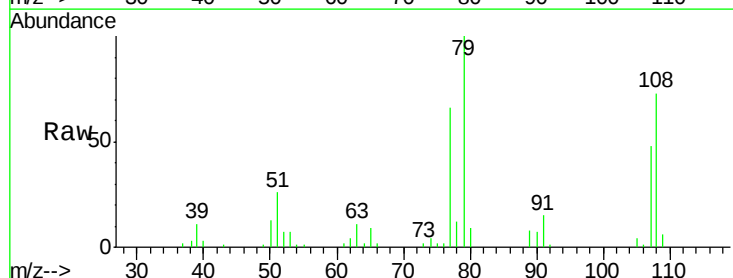
Instrument :
BNA_F
ClientSampleId :
PB81644BS

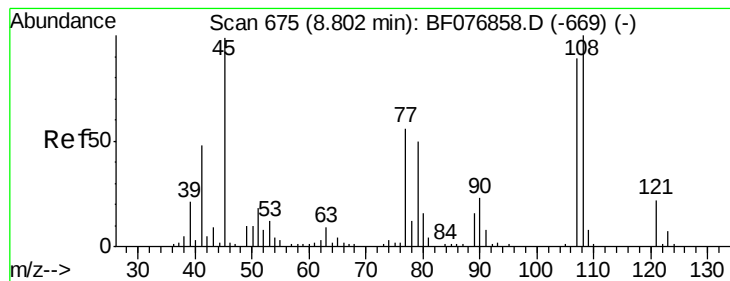
Tgt Ion:146 Resp: 77194
Ion Ratio Lower Upper
146 100
148 58.1 51.3 76.9
111 43.7 34.5 51.7



#15
Benzyl Alcohol
Concen: 33.01 ng
RT: 8.05 min Scan# 627
Delta R.T. 0.00 min
Lab File: BF077228.D
Acq: 9 Feb 2015 17:13

Tgt Ion: 79 Resp: 63652
Ion Ratio Lower Upper
79 100
108 72.9 57.2 85.8
77 66.2 51.2 76.8





#16

2,2'-oxybis(1-chloropropane)

Concen: 33.95 ng

RT: 8.40 min Scan# 657

Delta R.T. 0.00 min

Lab File: BF077228.D

Acq: 9 Feb 2015 17:13

Instrument :

BNA_F

ClientSampleId :

PB81644BS

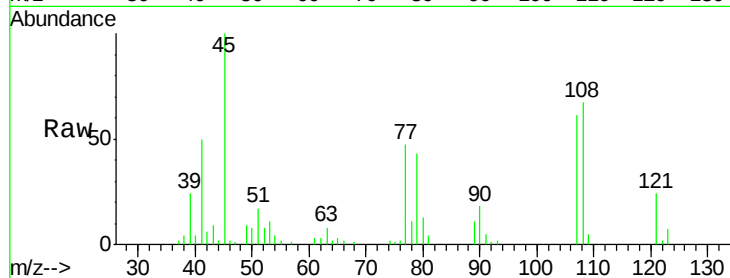
Tgt Ion: 45 Resp: 90364

Ion Ratio Lower Upper

45 100

77 46.8 36.1 76.1

79 43.0 30.5 70.5

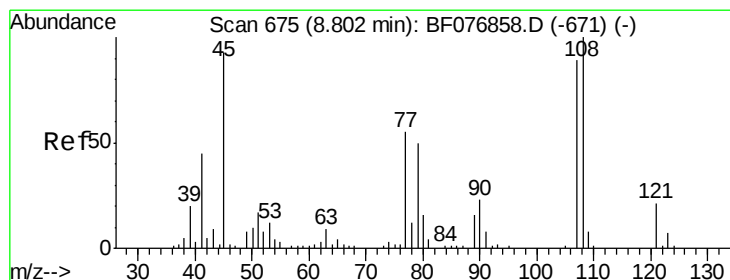
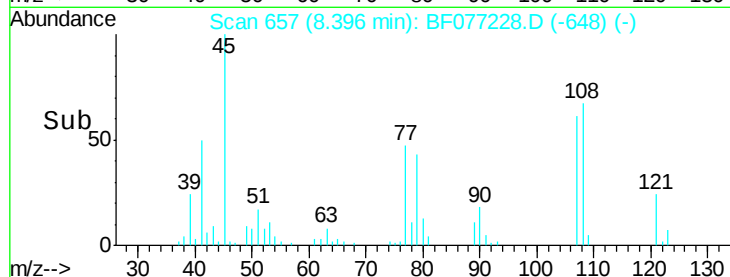
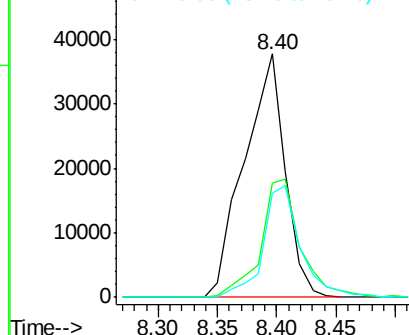


Abundance

Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#17

2-Methylphenol

Concen: 32.93 ng

RT: 8.41 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF077228.D

Acq: 9 Feb 2015 17:13

Tgt Ion: 107 Resp: 58607

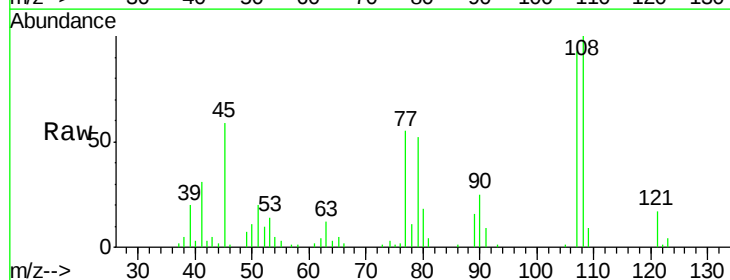
Ion Ratio Lower Upper

107 100

108 107.8 89.7 134.5

77 59.7 50.1 75.1

79 55.9 45.0 67.6



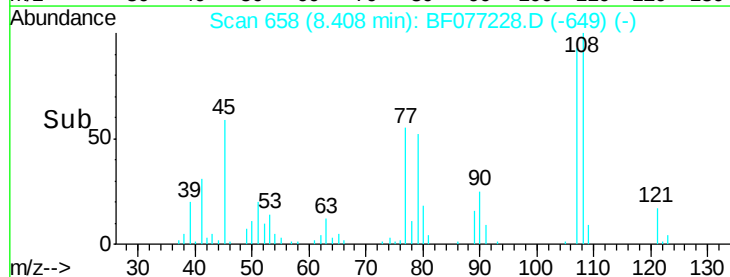
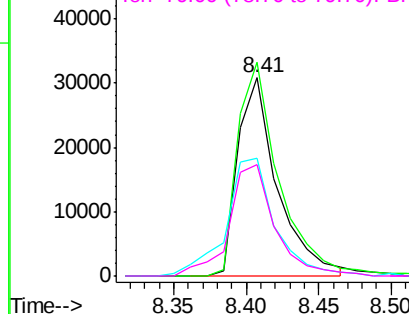
Abundance

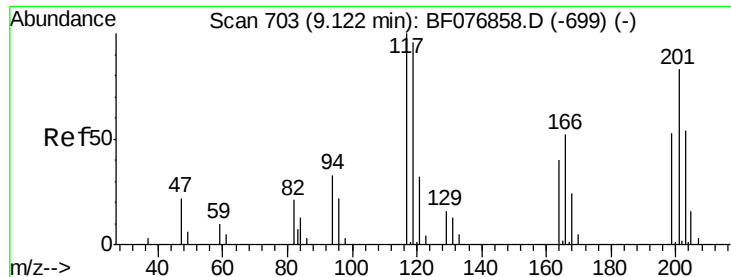
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

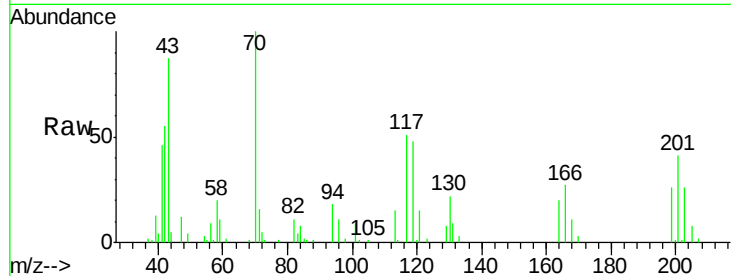




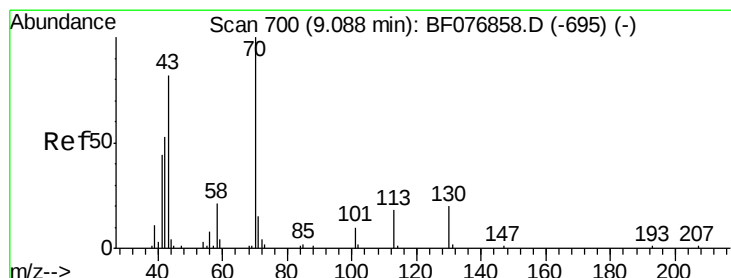
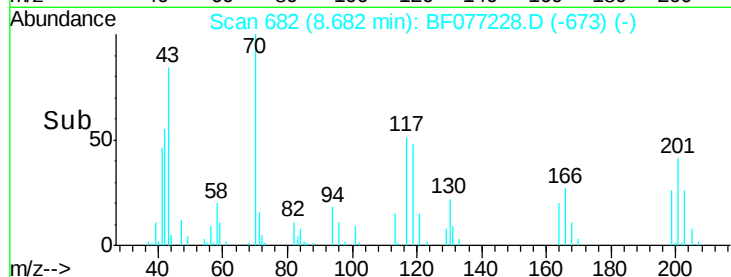
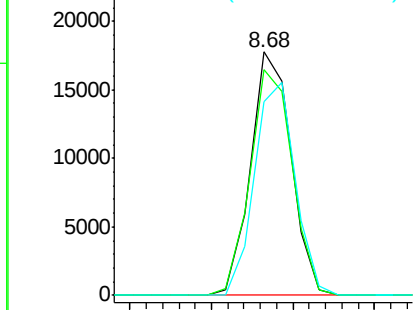
#18
Hexachloroethane
Concen: 33.60 ng
RT: 8.68 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF077228.D
Acq: 9 Feb 2015 17:13

Instrument :
BNA_F
ClientSampleId :
PB81644BS

Tgt Ion: 117 Resp: 30705
Ion Ratio Lower Upper
117 100
119 92.9 77.1 115.7
201 79.6 66.8 100.2



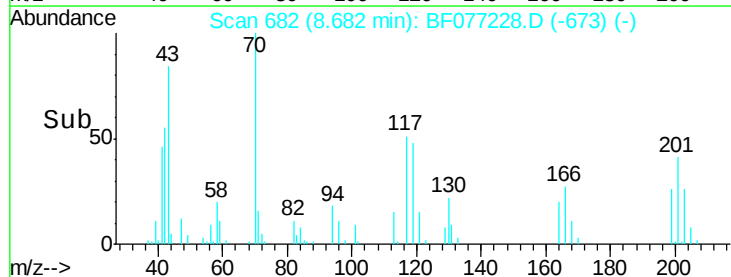
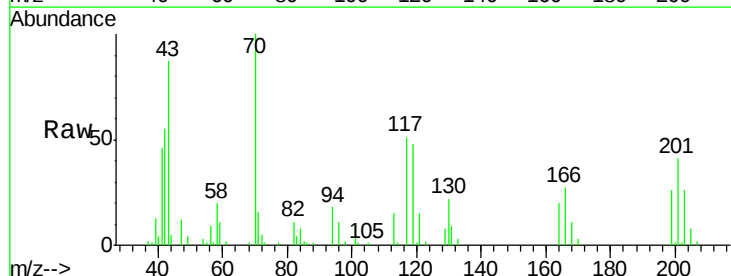
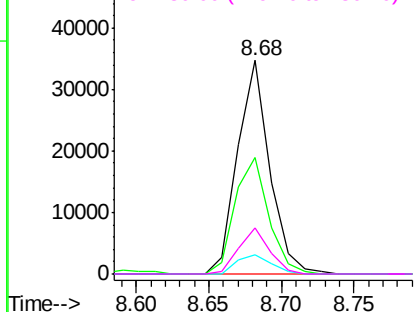
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

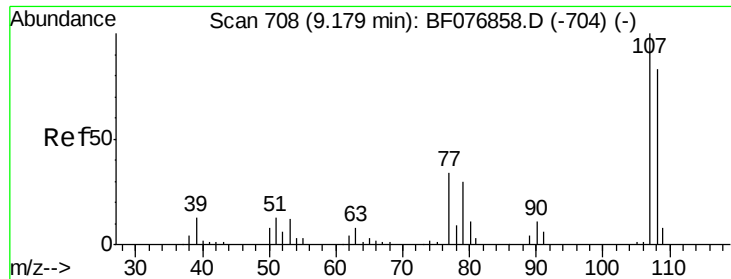


#19
n-Nitroso-di-n-propylamine
Concen: 31.92 ng
RT: 8.68 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF077228.D
Acq: 9 Feb 2015 17:13

Tgt Ion: 70 Resp: 53251
Ion Ratio Lower Upper
70 100
42 54.8 42.1 63.1
101 9.0 7.8 11.8
130 21.7 16.2 24.4

Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

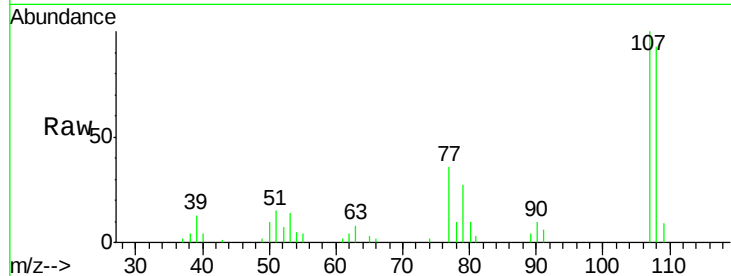




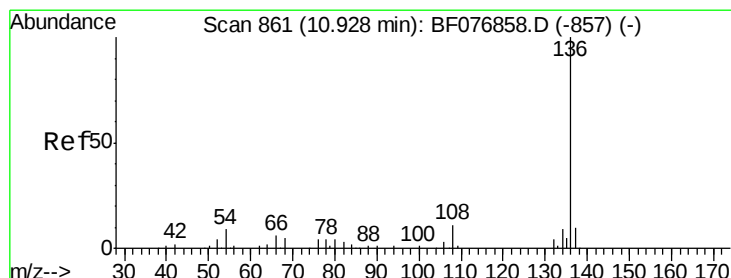
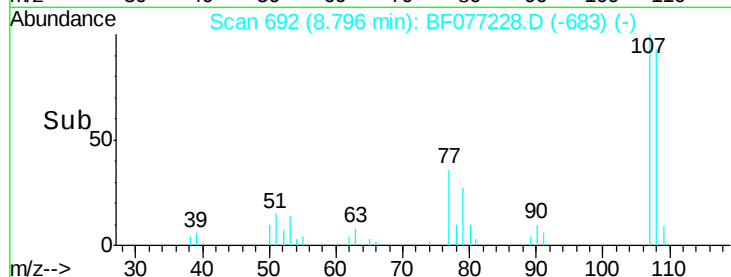
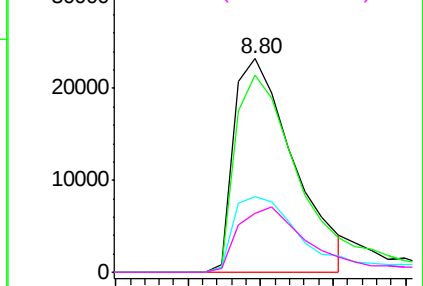
#20
3+4-Methylphenols
Concen: 28.07 ng
RT: 8.80 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF077228.D
Acq: 9 Feb 2015 17:13

Instrument :
BNA_F
ClientSampleId :
PB81644BS

Tgt Ion:	107	Resp:	66151
Ion	Ratio	Lower	Upper
107	100		
108	92.6	63.5	103.5
77	35.6	14.0	54.0
79	27.3	9.9	49.9

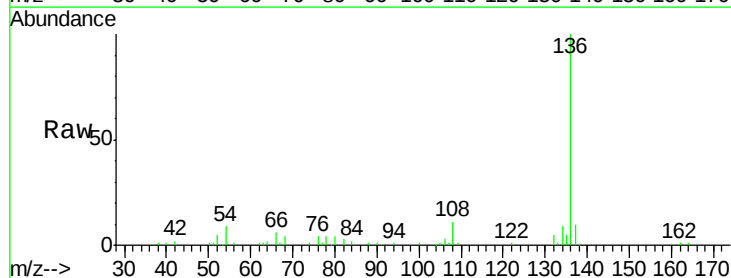


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

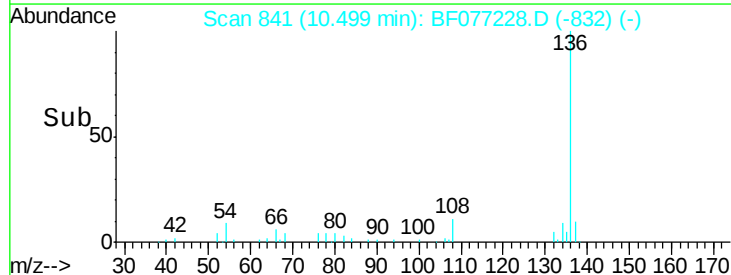
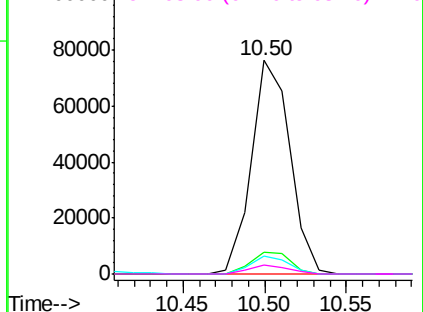


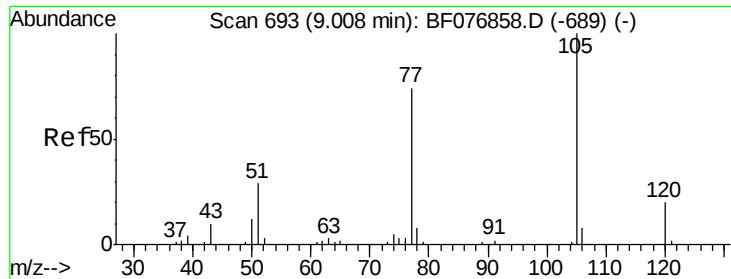
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.50 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF077228.D
Acq: 9 Feb 2015 17:13

Tgt Ion:	136	Resp:	125742
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.1	12.1
54	8.5	7.0	10.4
68	4.3	3.7	5.5



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 35.51 ng

RT: 8.60 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF077228.D

Acq: 9 Feb 2015 17:13

Instrument :

BNA_F

ClientSampleId :

PB81644BS

Tgt Ion: 105 Resp: 109373

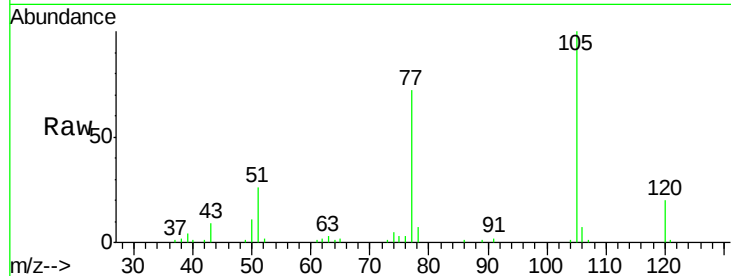
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 25.9 23.3 34.9

120 19.9 16.1 24.1

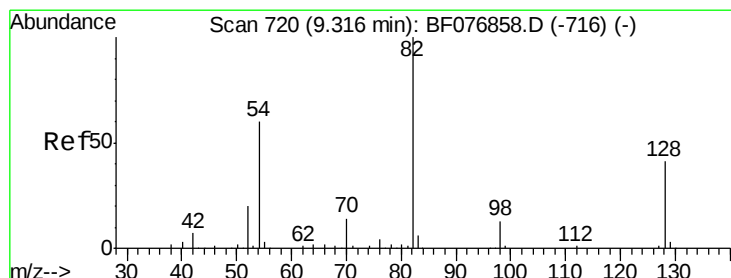
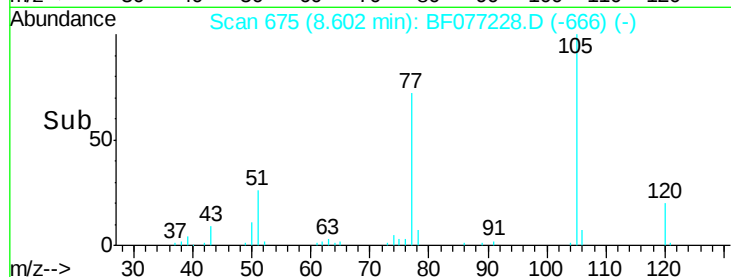
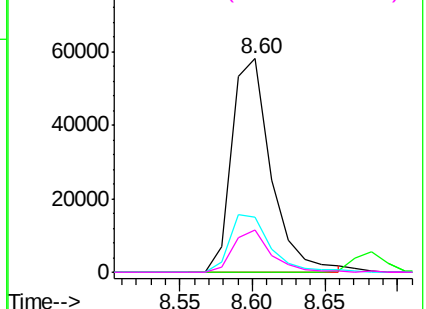


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 71.72 ng

RT: 8.90 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF077228.D

Acq: 9 Feb 2015 17:13

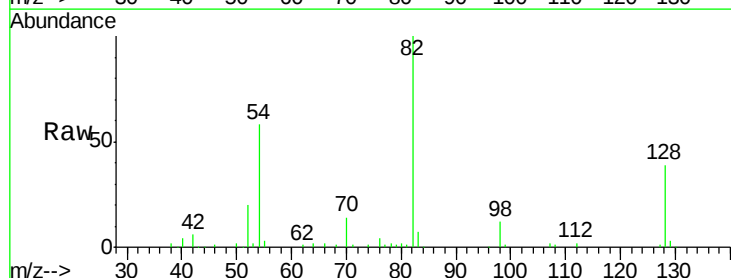
Tgt Ion: 82 Resp: 162790

Ion Ratio Lower Upper

82 100

128 38.9 33.1 49.7

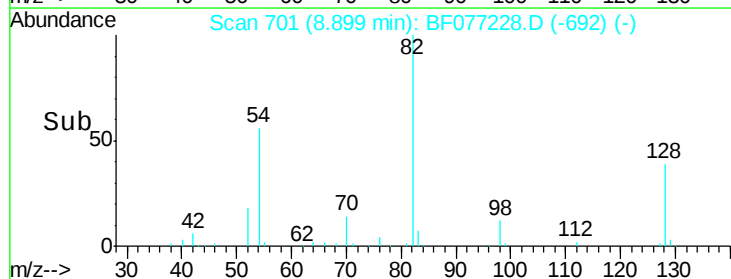
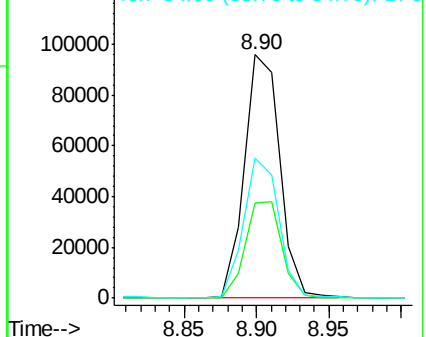
54 57.6 48.3 72.5

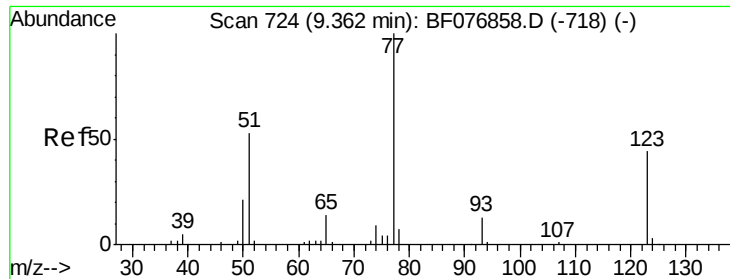


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 33.12 ng

RT: 8.94 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF077228.D

Acq: 9 Feb 2015 17:13

Instrument :

BNA_F

ClientSampleId :

PB81644BS

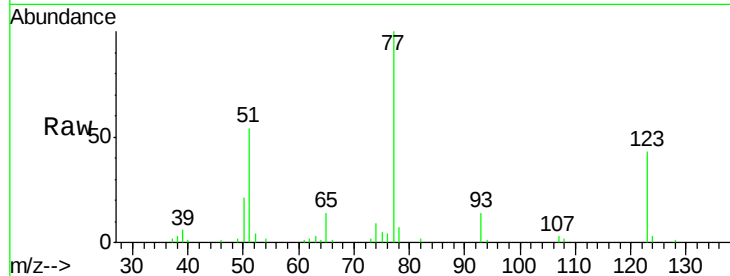
Tgt Ion: 77 Resp: 76574

Ion Ratio Lower Upper

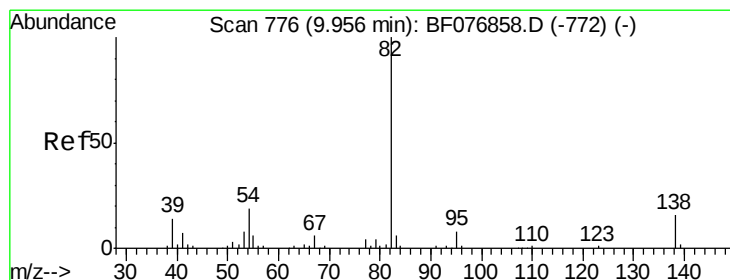
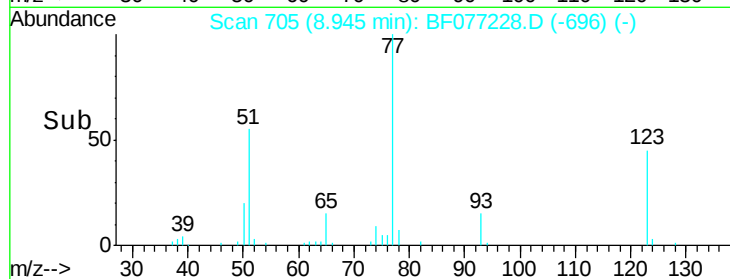
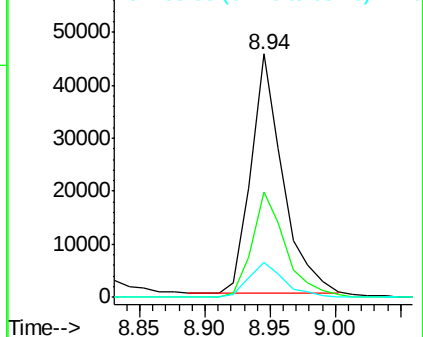
77 100

123 43.4 35.2 52.8

65 14.5 11.4 17.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): BF0
Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 35.15 ng

RT: 9.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF077228.D

Acq: 9 Feb 2015 17:13

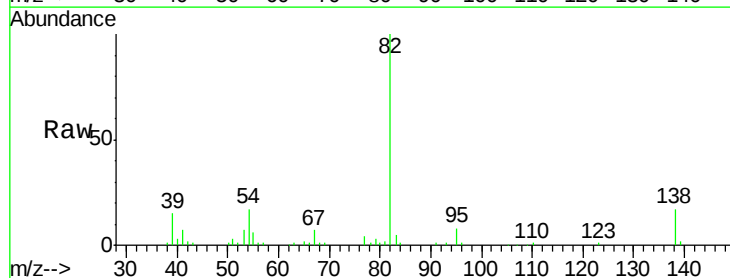
Tgt Ion: 82 Resp: 145298

Ion Ratio Lower Upper

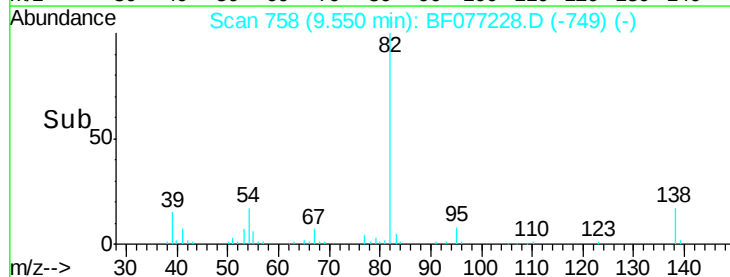
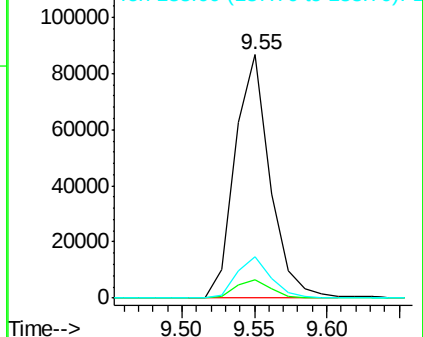
82 100

95 7.7 6.6 10.0

138 17.1 12.6 18.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

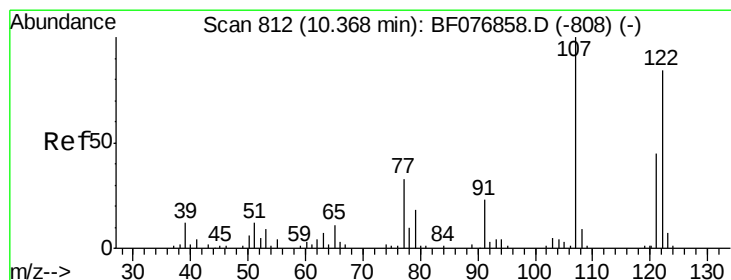
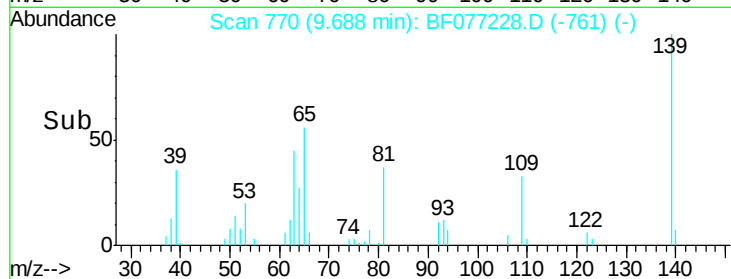
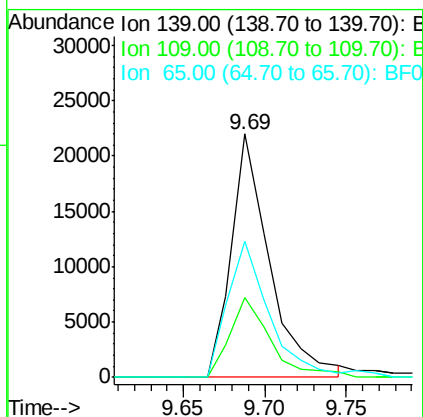
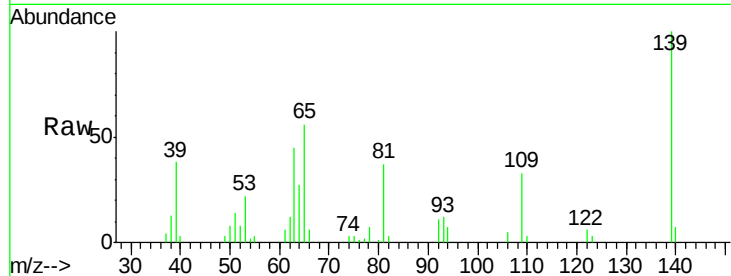




#26
 2-Nitrophenol
 Concen: 30.95 ng
 RT: 9.69 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF077228.D
 Acq: 9 Feb 2015 17:13

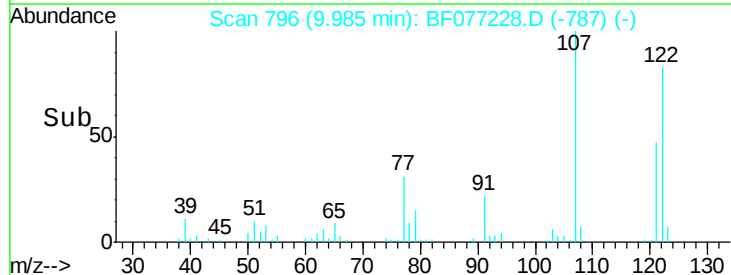
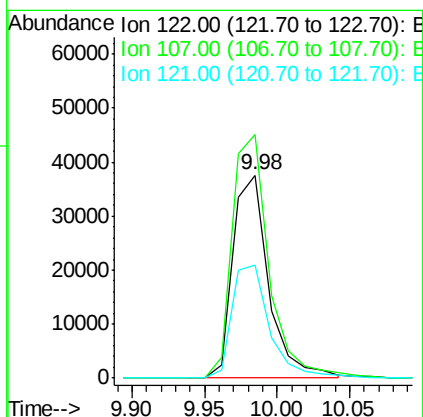
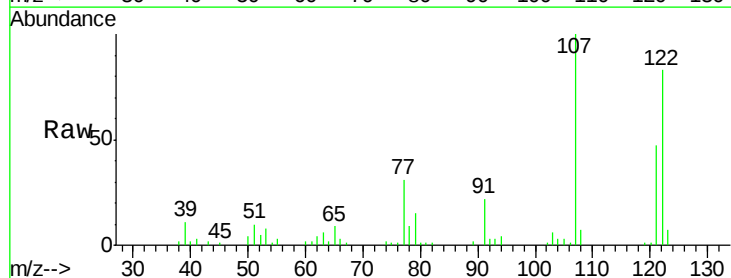
Instrument :
 BNA_F
 ClientSampleId :
 PB81644BS

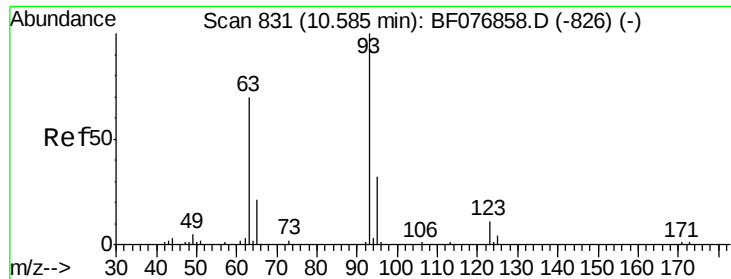
Tgt Ion:139 Resp: 35872
 Ion Ratio Lower Upper
 139 100
 109 33.0 21.3 31.9#
 65 55.9 39.4 59.0



#27
 2,4-Dimethylphenol
 Concen: 36.16 ng
 RT: 9.98 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF077228.D
 Acq: 9 Feb 2015 17:13

Tgt Ion:122 Resp: 64652
 Ion Ratio Lower Upper
 122 100
 107 120.0 95.2 142.8
 121 56.0 42.9 64.3

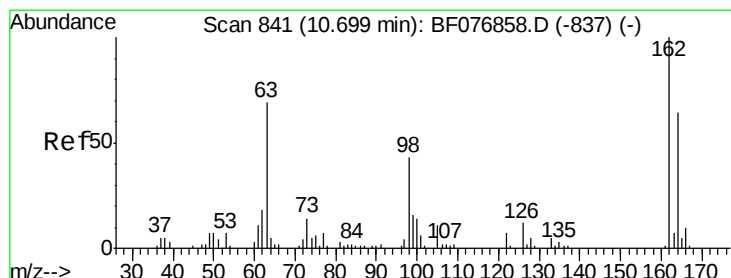
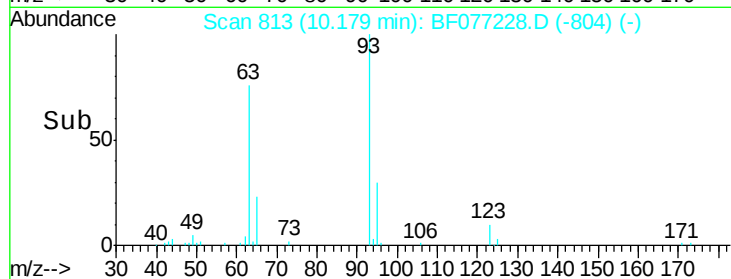
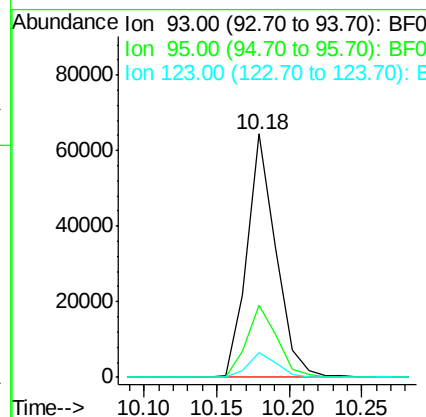
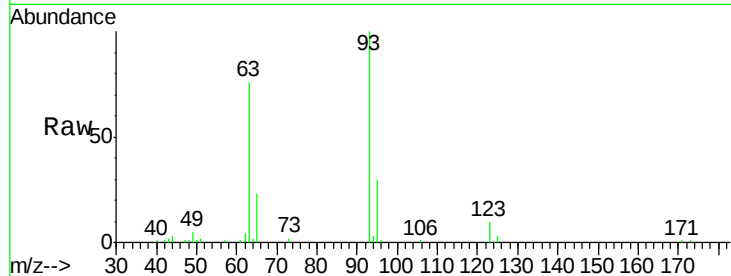




#28
bis(2-Chloroethoxy)methane
Concen: 38.18 ng
RT: 10.18 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF077228.D
Acq: 9 Feb 2015 17:13

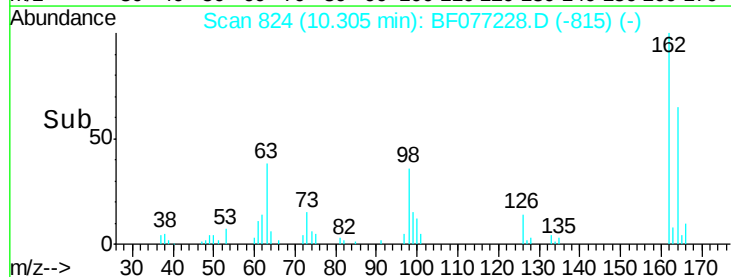
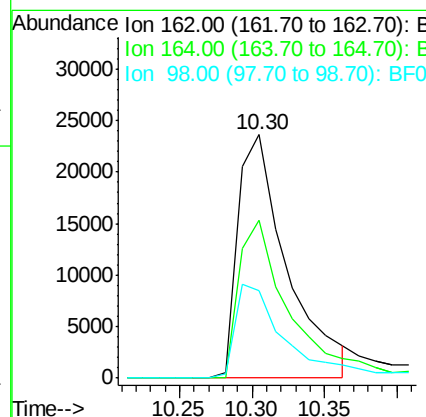
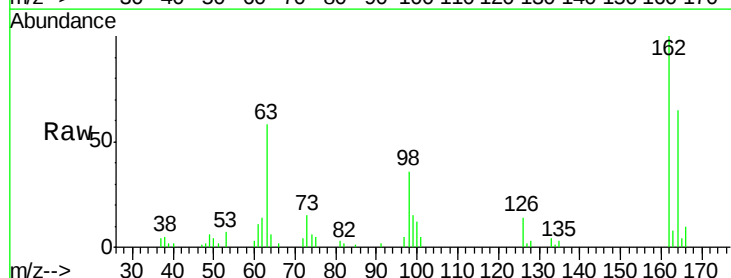
Instrument :
BNA_F
ClientSampleId :
PB81644BS

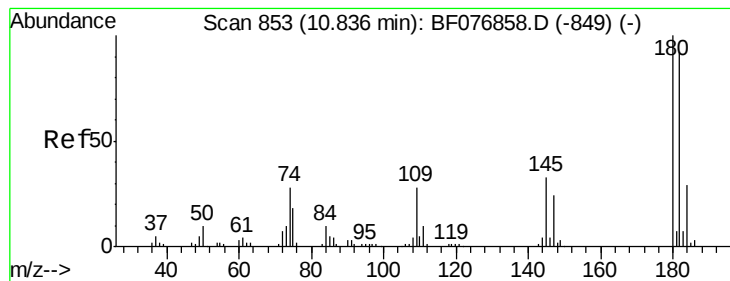
Tgt Ion: 93 Resp: 89703
Ion Ratio Lower Upper
93 100
95 29.7 25.6 38.4
123 10.3 8.9 13.3



#29
2,4-Dichlorophenol
Concen: 33.33 ng
RT: 10.30 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF077228.D
Acq: 9 Feb 2015 17:13

Tgt Ion: 162 Resp: 55544
Ion Ratio Lower Upper
162 100
164 65.0 43.8 83.8
98 35.7 22.5 62.5





#30

1,2,4-Trichlorobenzene

Concen: 34.67 ng

RT: 10.42 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF077228.D

Acq: 9 Feb 2015 17:13

Instrument :

BNA_F

ClientSampleId :

PB81644BS

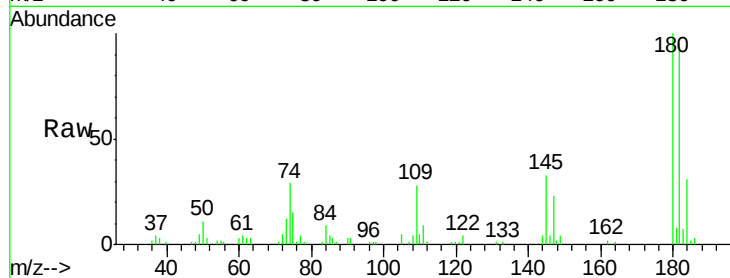
Tgt Ion:180 Resp: 64175

Ion Ratio Lower Upper

180 100

182 95.0 73.6 110.4

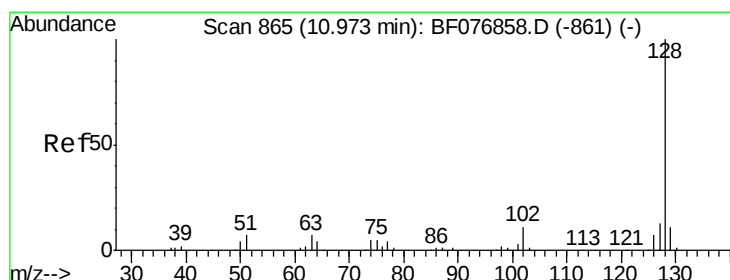
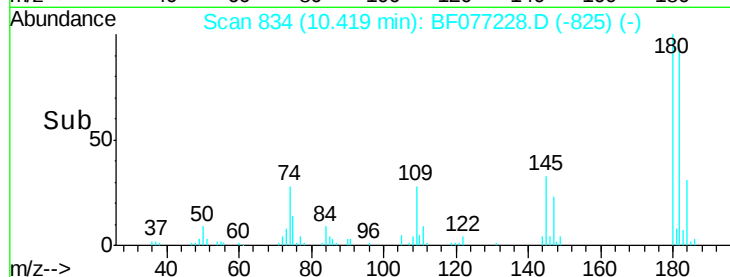
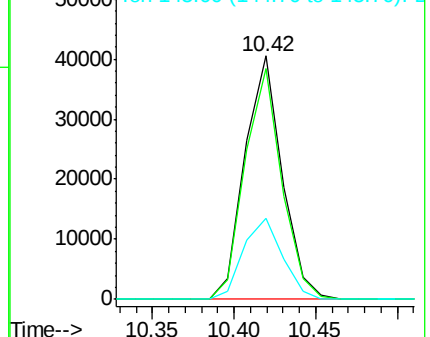
145 33.3 26.6 39.8



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: 33.97 ng

RT: 10.54 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF077228.D

Acq: 9 Feb 2015 17:13

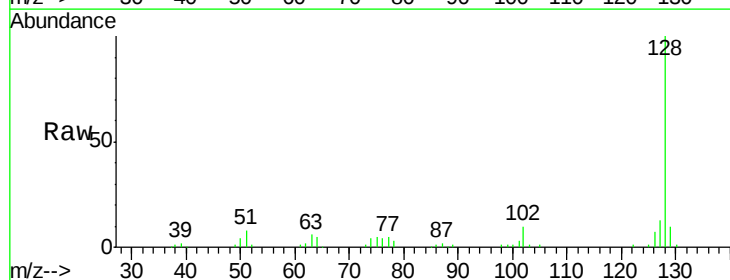
Tgt Ion:128 Resp: 219921

Ion Ratio Lower Upper

128 100

129 10.2 9.0 13.6

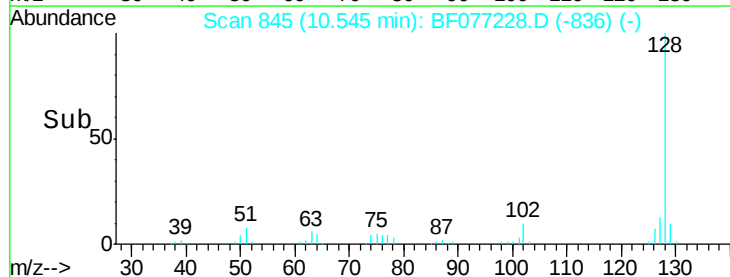
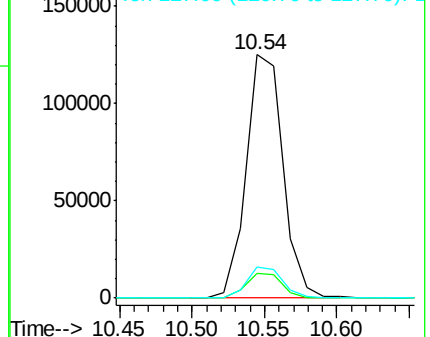
127 12.9 10.2 15.2

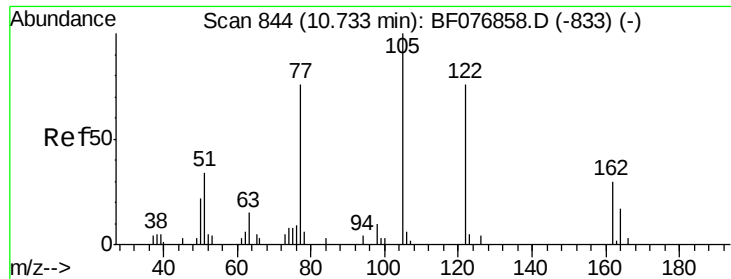


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

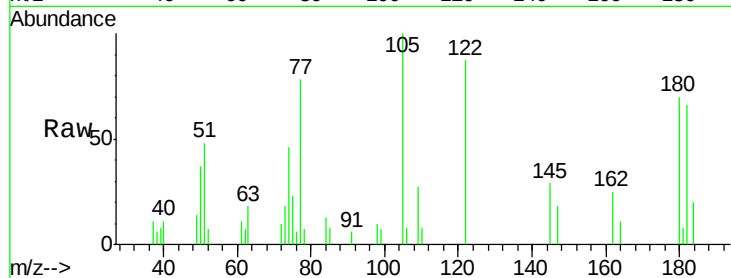




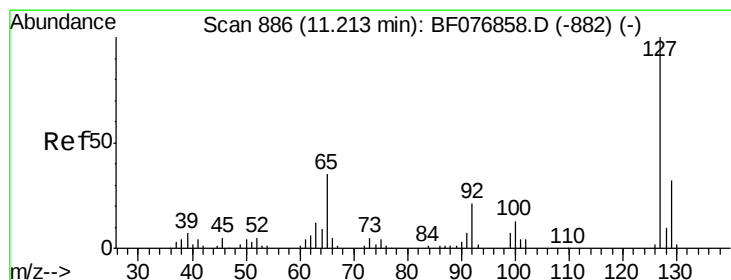
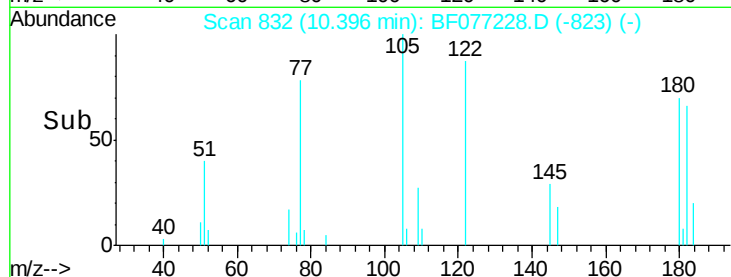
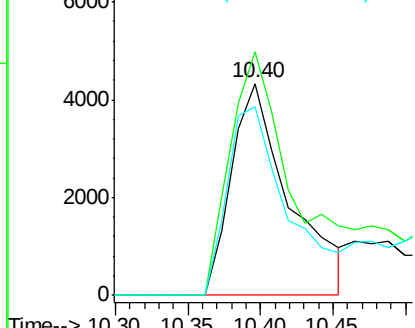
#32
Benzoic acid
Concen: 12.13 ng
RT: 10.40 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF077228.D
Acq: 9 Feb 2015 17:13

Instrument :
BNA_F
ClientSampleId :
PB81644BS

Tgt Ion:122 Resp: 12018
Ion Ratio Lower Upper
122 100
105 115.0 111.3 151.3
77 89.3 79.2 119.2

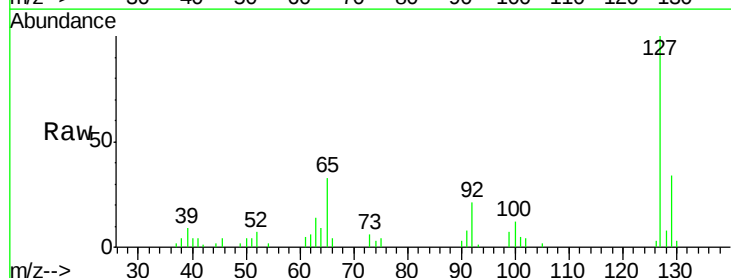


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

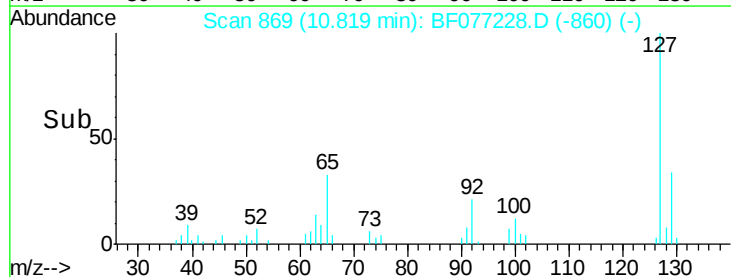
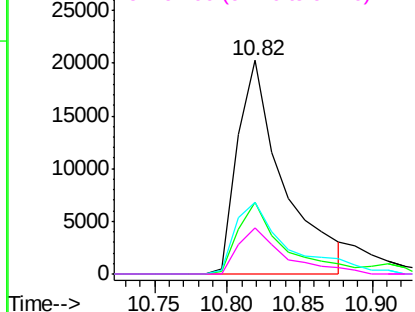


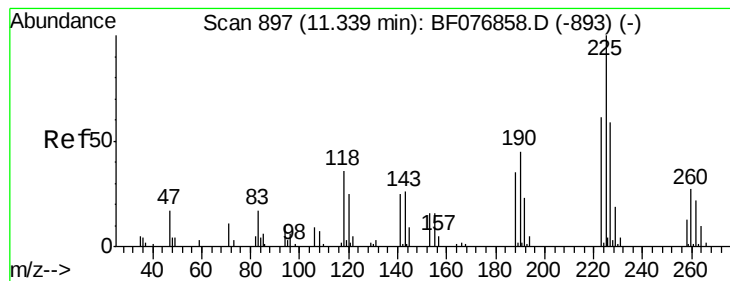
#33
4-Chloroaniline
Concen: 16.98 ng
RT: 10.82 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF077228.D
Acq: 9 Feb 2015 17:13

Tgt Ion:127 Resp: 44415
Ion Ratio Lower Upper
127 100
129 33.6 25.3 37.9
65 33.3 27.8 41.6
92 21.5 16.5 24.7



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: 34.25 ng

RT: 10.92 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF077228.D

Acq: 9 Feb 2015 17:13

Instrument :

BNA_F

ClientSampleId :

PB81644BS

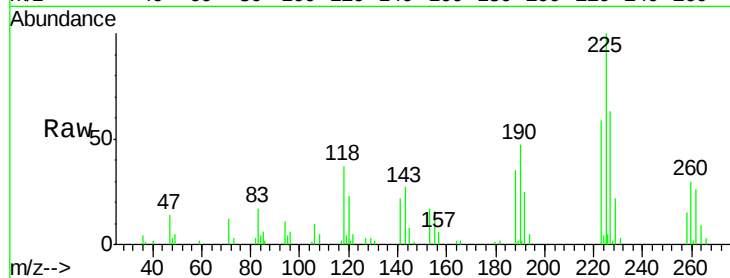
Tgt Ion:225 Resp: 37610

Ion Ratio Lower Upper

225 100

223 59.4 49.1 73.7

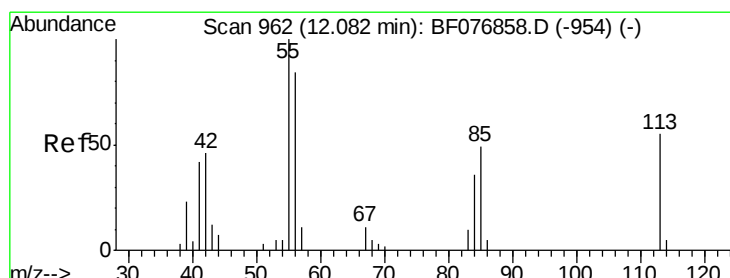
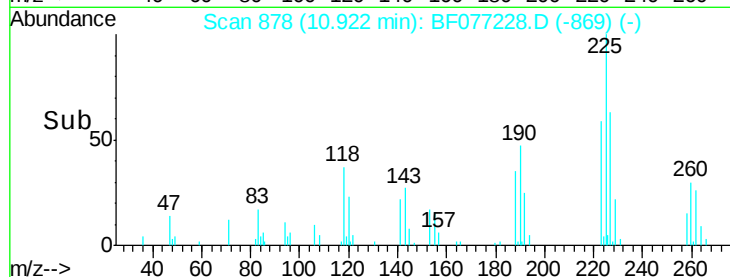
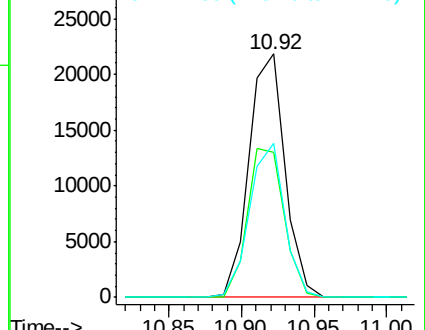
227 63.2 47.5 71.3



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: 24.54 ng

RT: 11.66 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF077228.D

Acq: 9 Feb 2015 17:13

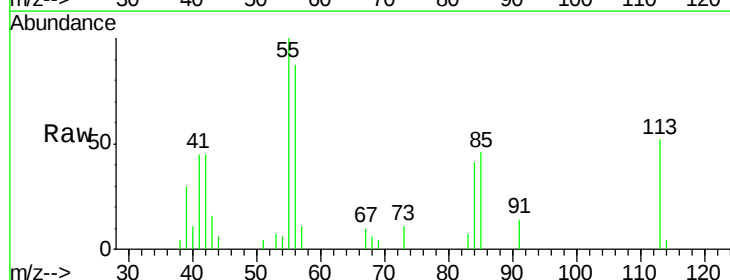
Tgt Ion:113 Resp: 12040

Ion Ratio Lower Upper

113 100

55 193.6 162.1 202.1

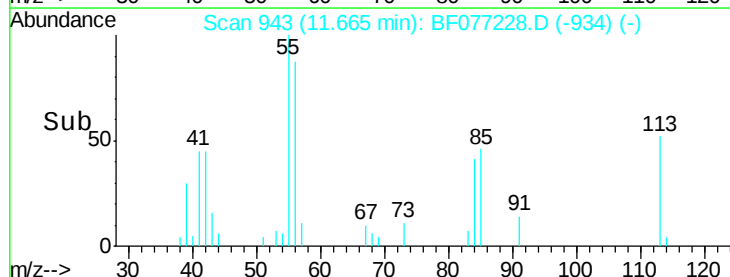
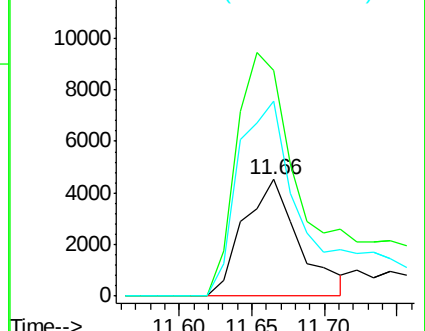
56 167.7 133.7 173.7

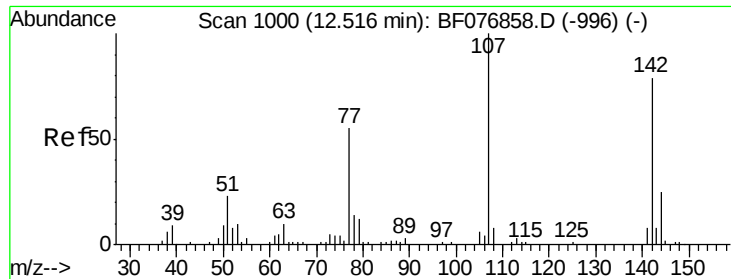


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

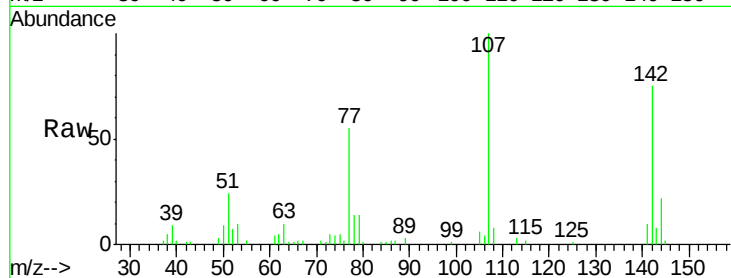




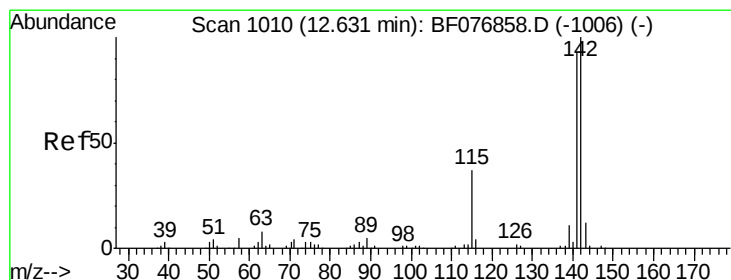
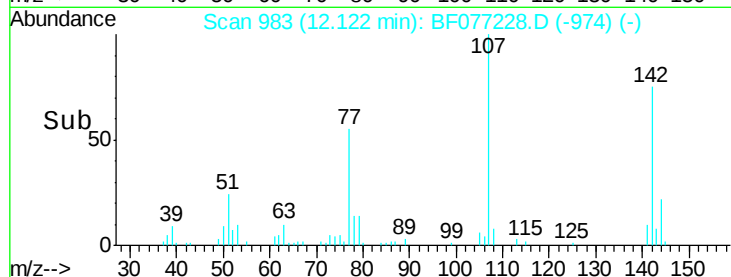
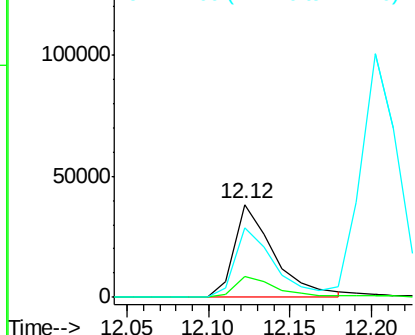
#36
 4-Chloro-3-methylphenol
 Concen: 34.00 ng
 RT: 12.12 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BF077228.D
 Acq: 9 Feb 2015 17:13

Instrument :
 BNA_F
 ClientSampleId :
 PB81644BS

Tgt Ion:107 Resp: 64867
 Ion Ratio Lower Upper
 107 100
 144 22.4 20.0 30.0
 142 74.6 63.5 95.3

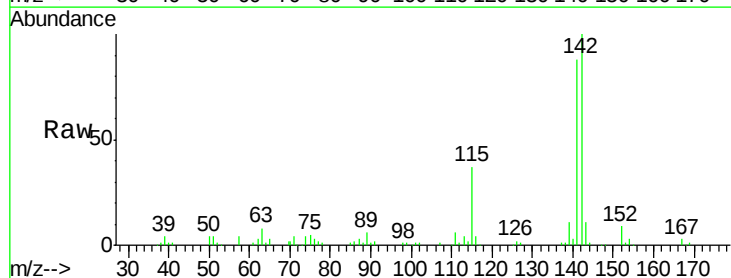


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

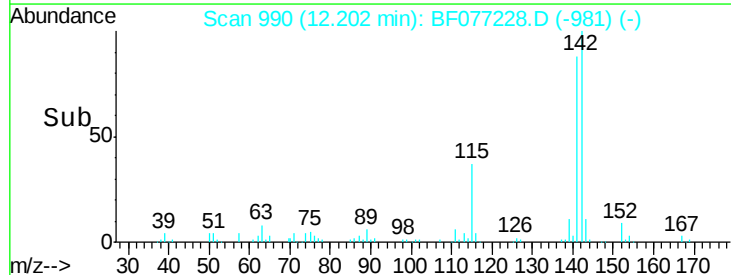
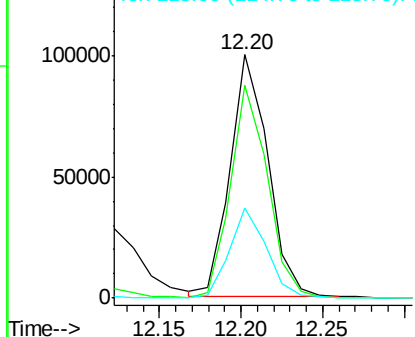


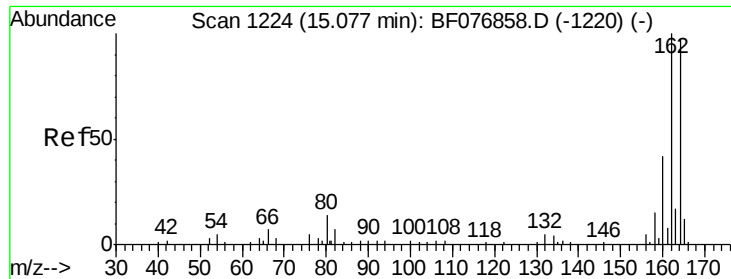
#37
 2-Methylnaphthalene
 Concen: 36.09 ng
 RT: 12.20 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: BF077228.D
 Acq: 9 Feb 2015 17:13

Tgt Ion:142 Resp: 159559
 Ion Ratio Lower Upper
 142 100
 141 87.7 74.5 111.7
 115 36.9 29.7 44.5



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

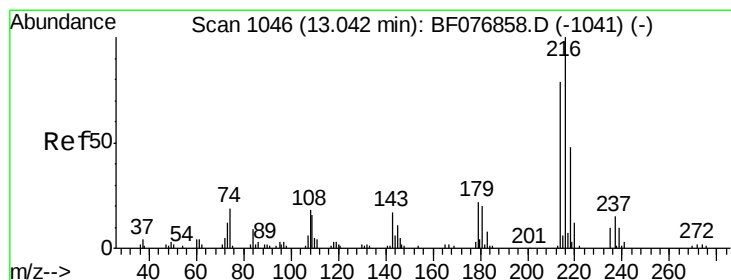
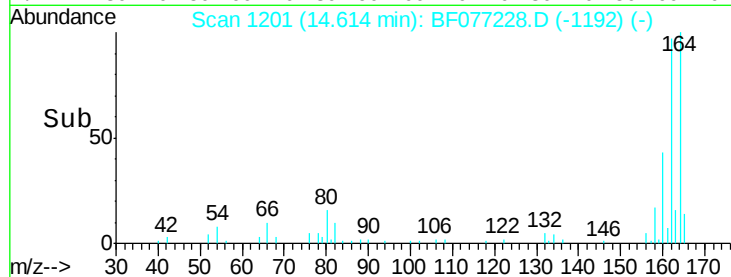
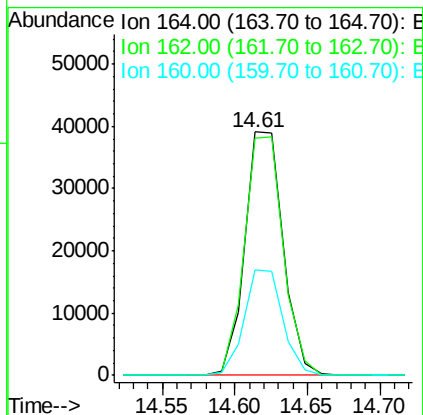
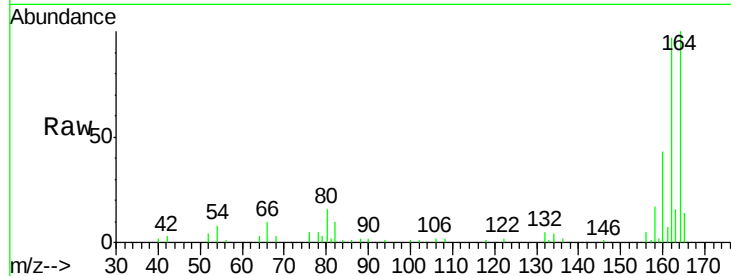




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.61 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF077228.D
Acq: 9 Feb 2015 17:13

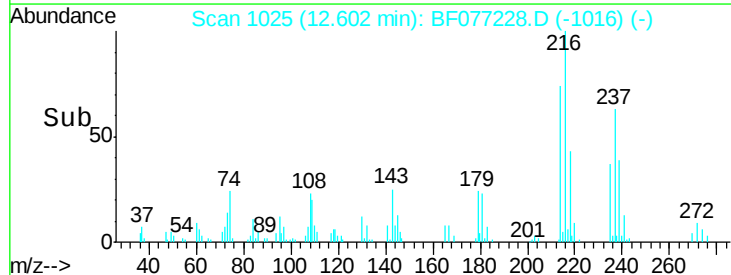
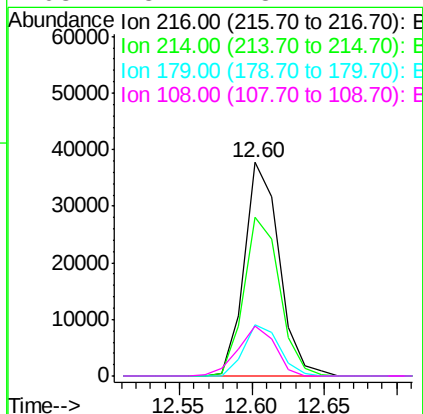
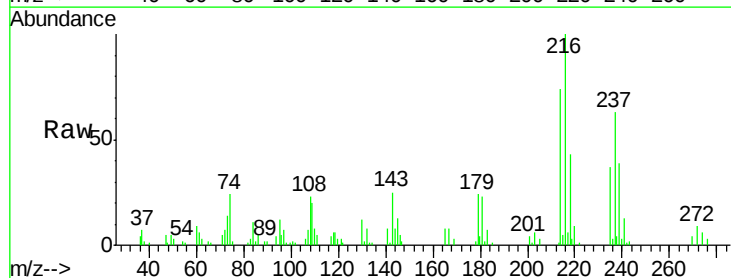
Instrument :
BNA_F
ClientSampleId :
PB81644BS

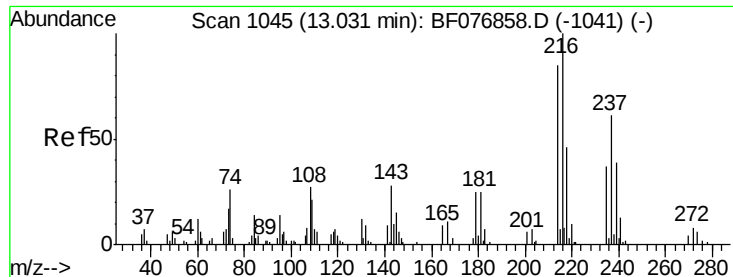
Tgt Ion:164 Resp: 71623
Ion Ratio Lower Upper
164 100
162 97.3 82.4 123.6
160 43.3 34.8 52.2



#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.56 ng
RT: 12.60 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF077228.D
Acq: 9 Feb 2015 17:13

Tgt Ion:216 Resp: 62961
Ion Ratio Lower Upper
216 100
214 76.2 64.9 97.3
179 24.3 18.6 28.0
108 25.2 18.1 27.1

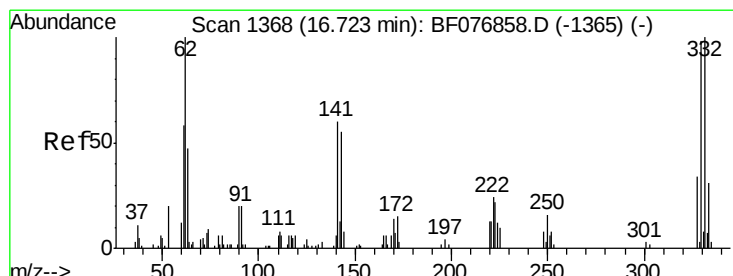
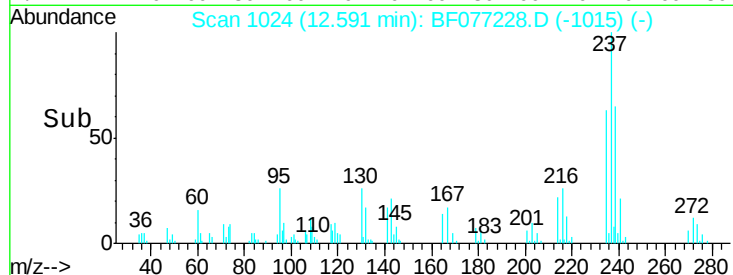
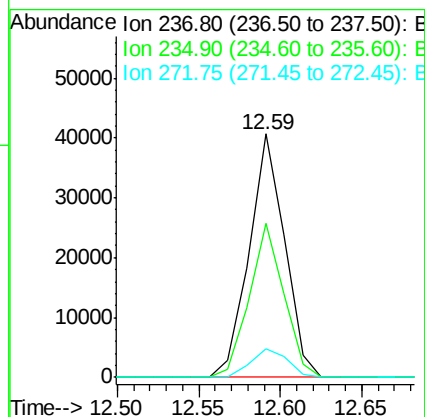
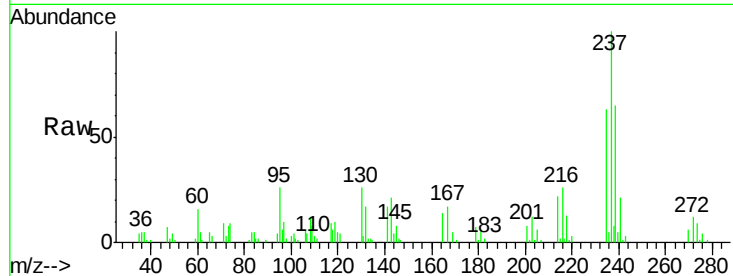




#40
Hexachlorocyclopentadiene
Concen: 65.17 ng
RT: 12.59 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF077228.D
Acq: 9 Feb 2015 17:13

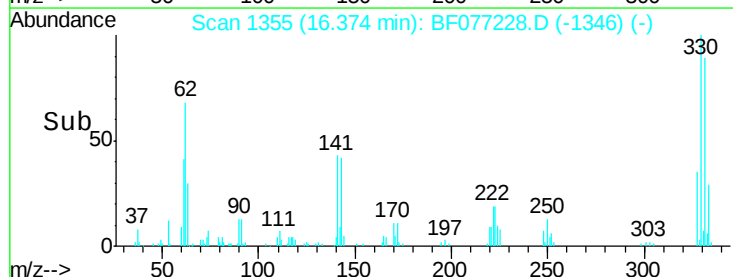
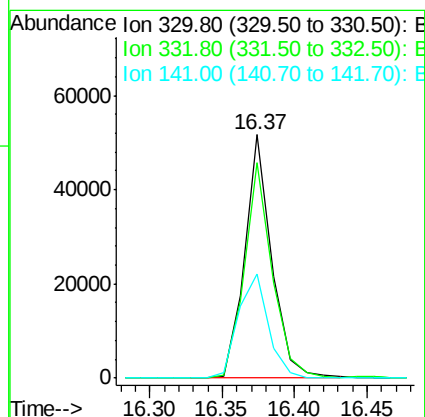
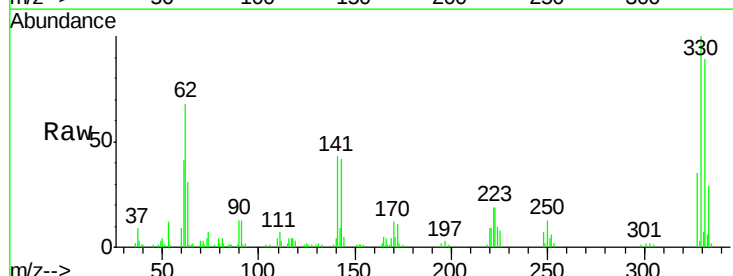
Instrument :
BNA_F
ClientSampleId :
PB81644BS

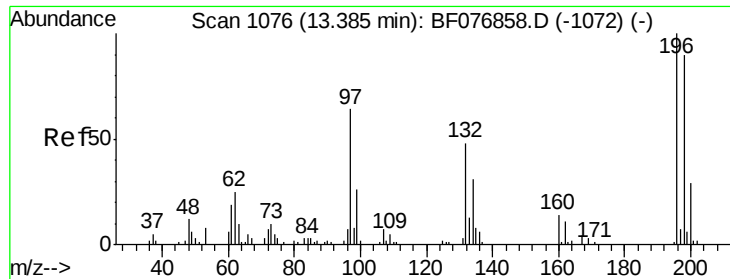
Tgt Ion: 237 Resp: 61268
Ion Ratio Lower Upper
237 100
235 63.2 40.4 80.4
272 11.6 0.0 33.2



#41
2,4,6-Tribromophenol
Concen: 114.67 ng
RT: 16.37 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF077228.D
Acq: 9 Feb 2015 17:13

Tgt Ion: 330 Resp: 66667
Ion Ratio Lower Upper
330 100
332 91.0 77.8 116.6
141 47.1 38.5 57.7

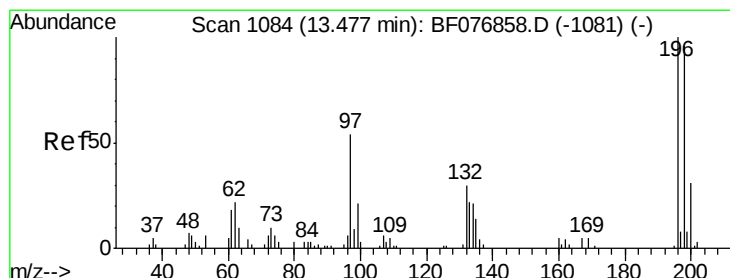
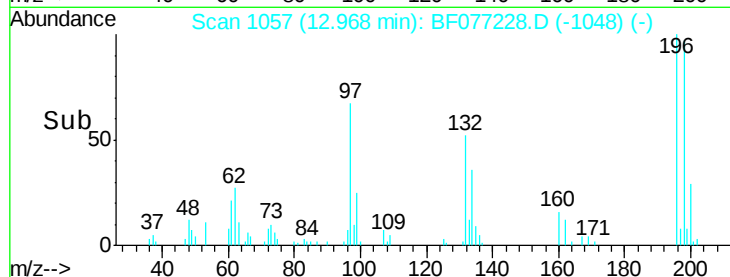
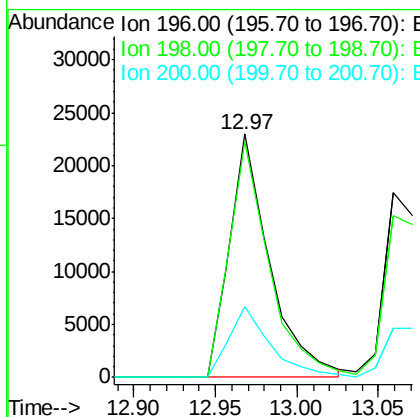
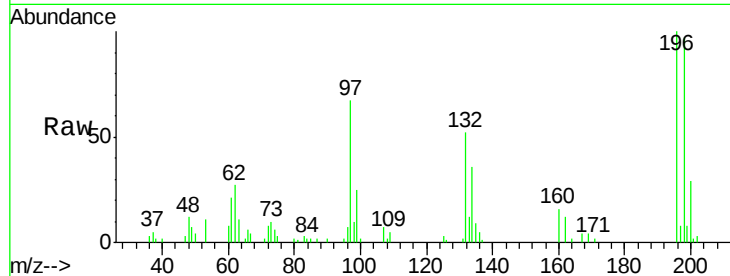




#42
 2,4,6-Trichlorophenol
 Concen: 30.39 ng
 RT: 12.97 min Scan# 1057
 Delta R.T. 0.00 min
 Lab File: BF077228.D
 Acq: 9 Feb 2015 17:13

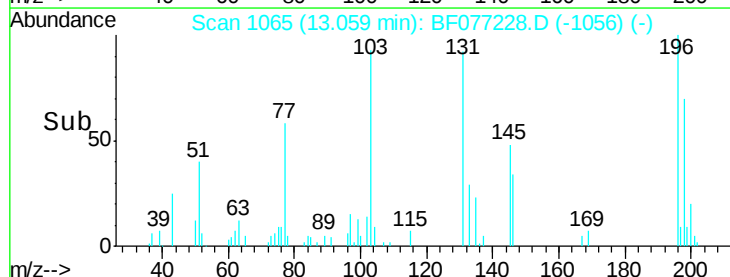
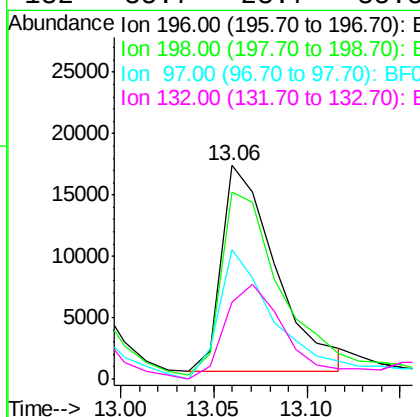
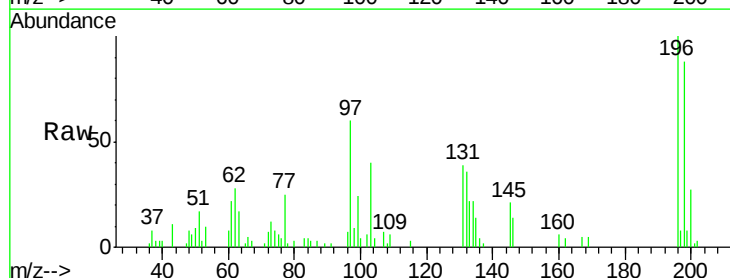
Instrument :
 BNA_F
 ClientSampleId :
 PB81644BS

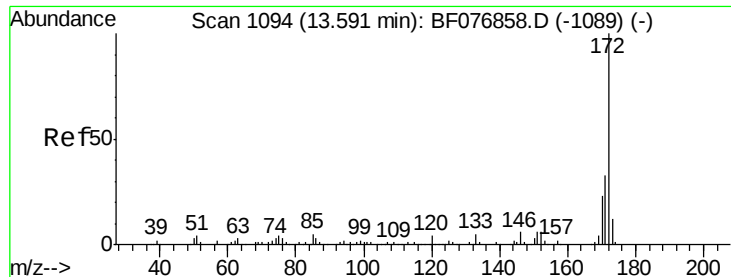
Tgt Ion:196 Resp: 39211
 Ion Ratio Lower Upper
 196 100
 198 96.8 72.0 108.0
 200 29.1 23.4 35.2



#43
 2,4,5-Trichlorophenol
 Concen: 26.18 ng
 RT: 13.06 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BF077228.D
 Acq: 9 Feb 2015 17:13

Tgt Ion:196 Resp: 34451
 Ion Ratio Lower Upper
 196 100
 198 87.5 76.6 115.0
 97 60.3 43.4 65.0
 132 35.7 23.7 35.5#

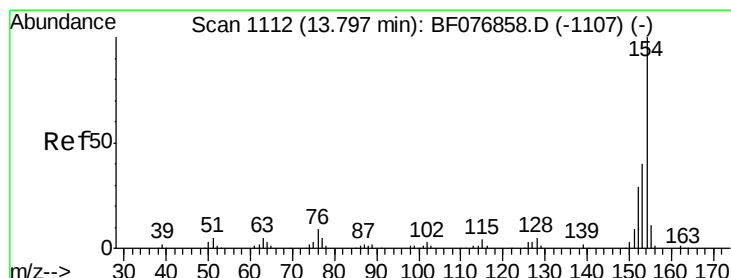
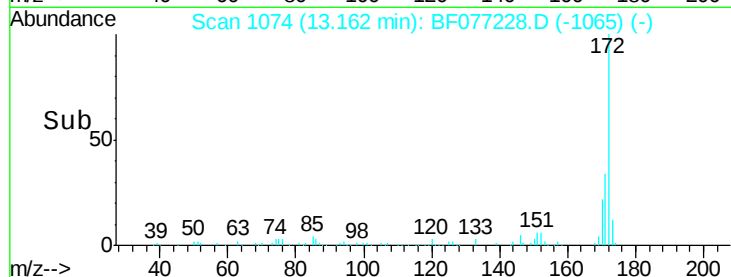
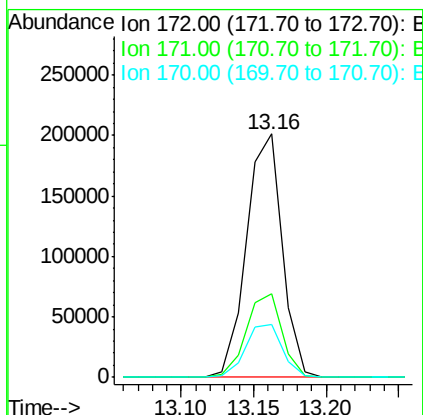
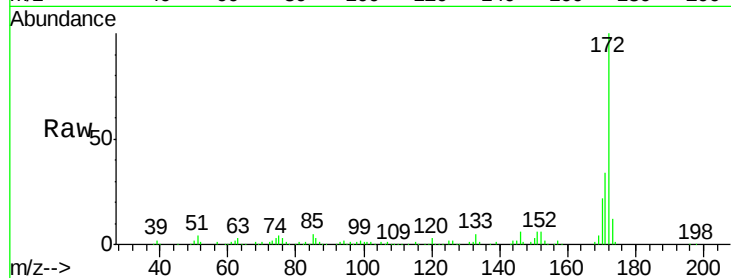




#44
 2-Fluorobiphenyl
 Concen: 72.94 ng
 RT: 13.16 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: BF077228.D
 Acq: 9 Feb 2015 17:13

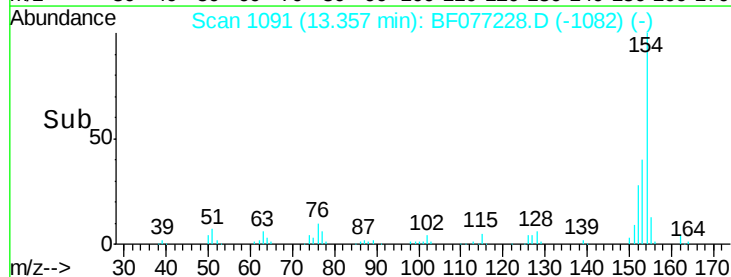
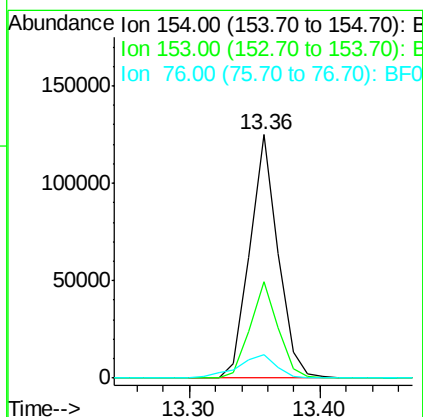
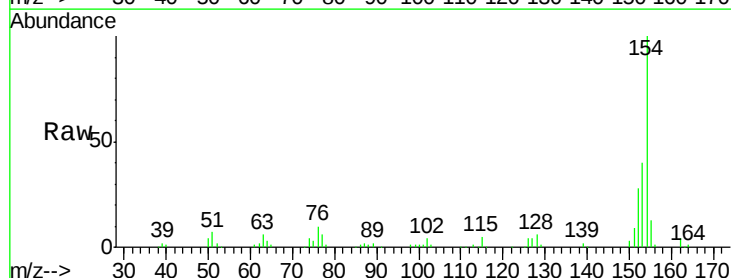
Instrument :
 BNA_F
 ClientSampleId :
 PB81644BS

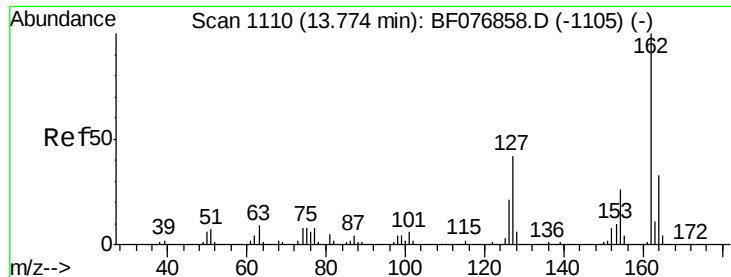
Tgt Ion:172 Resp: 343294
 Ion Ratio Lower Upper
 172 100
 171 34.2 26.6 40.0
 170 21.9 18.0 27.0



#45
 1,1'-Biphenyl
 Concen: 35.62 ng
 RT: 13.36 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: BF077228.D
 Acq: 9 Feb 2015 17:13

Tgt Ion:154 Resp: 189120
 Ion Ratio Lower Upper
 154 100
 153 39.7 20.2 60.2
 76 9.8 0.0 29.0

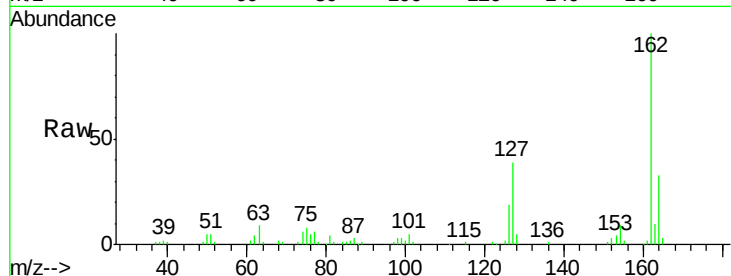




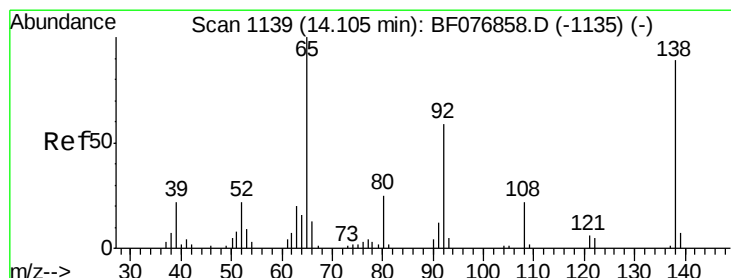
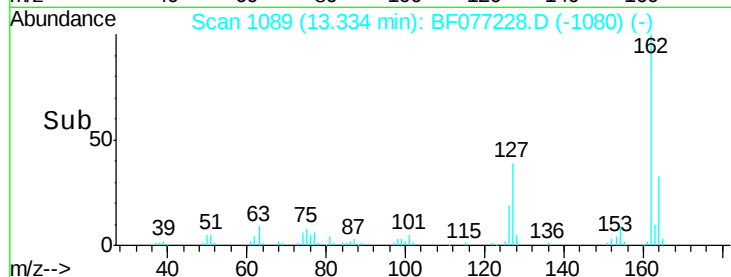
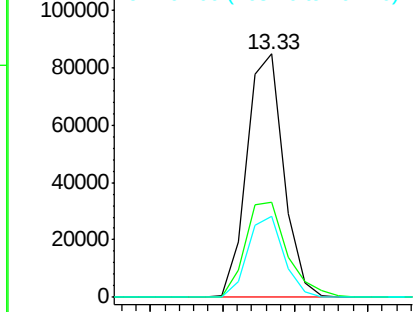
#46
2-Chloronaphthalene
Concen: 34.08 ng
RT: 13.33 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BF077228.D
Acq: 9 Feb 2015 17:13

Instrument :
BNA_F
ClientSampleId :
PB81644BS

Tgt Ion: 162 Resp: 148898
Ion Ratio Lower Upper
162 100
127 38.8 33.8 50.6
164 33.4 26.8 40.2

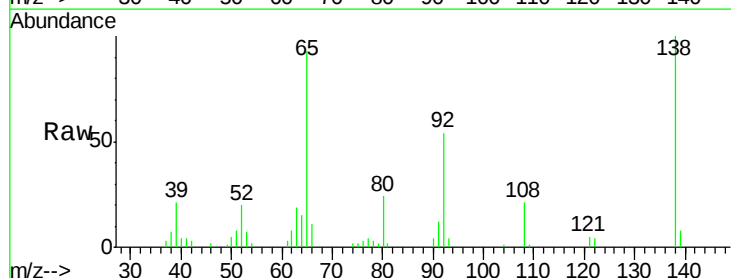


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

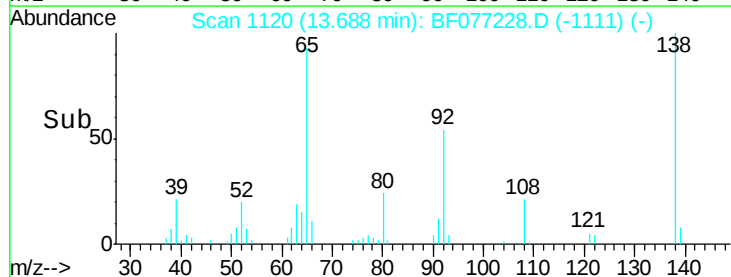
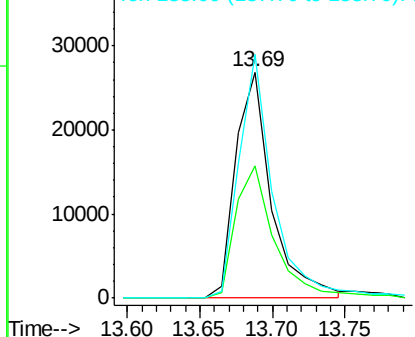


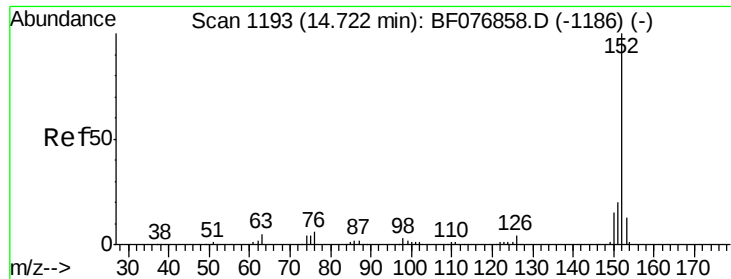
#47
2-Nitroaniline
Concen: 34.78 ng
RT: 13.69 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BF077228.D
Acq: 9 Feb 2015 17:13

Tgt Ion: 65 Resp: 46096
Ion Ratio Lower Upper
65 100
92 58.3 47.3 70.9
138 107.7 71.4 107.2#



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: 32.58 ng

RT: 14.27 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF077228.D

Acq: 9 Feb 2015 17:13

Instrument :

BNA_F

ClientSampleId :

PB81644BS

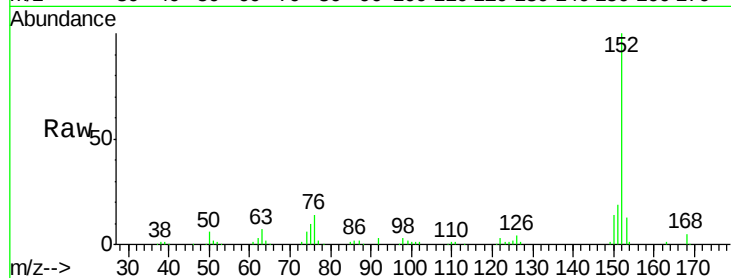
Tgt Ion:152 Resp: 240129

Ion Ratio Lower Upper

152 100

151 19.2 15.9 23.9

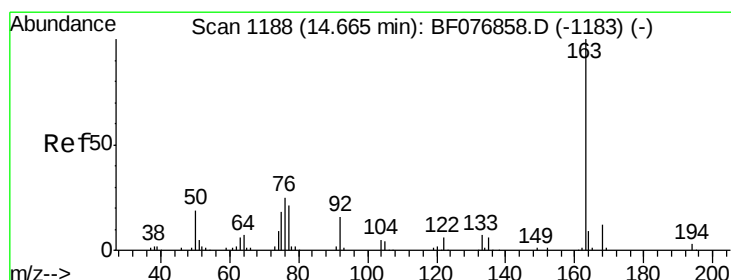
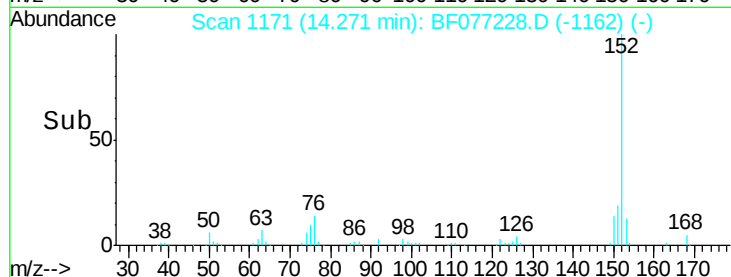
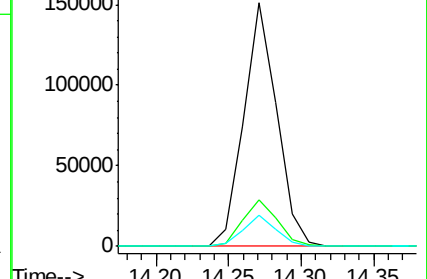
153 12.8 10.2 15.4



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: 36.02 ng

RT: 14.24 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF077228.D

Acq: 9 Feb 2015 17:13

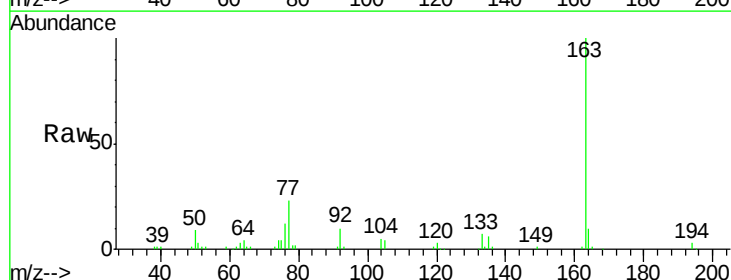
Tgt Ion:163 Resp: 182958

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

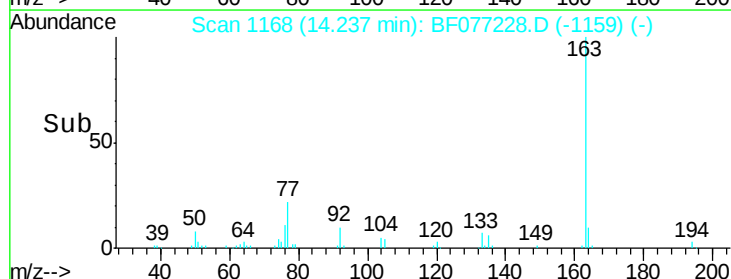
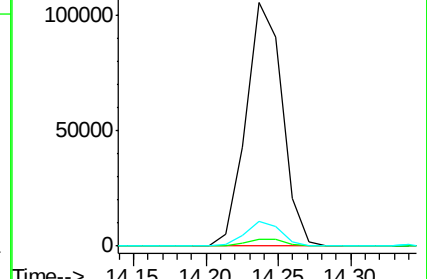
164 10.0 7.5 11.3

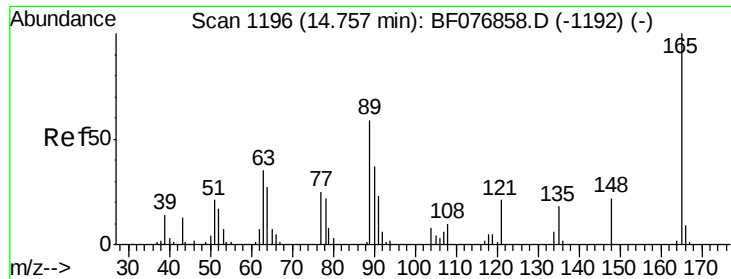


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

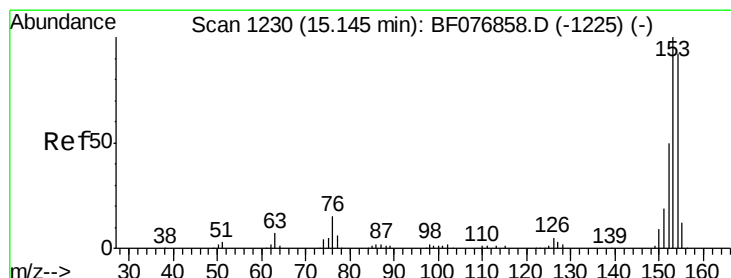
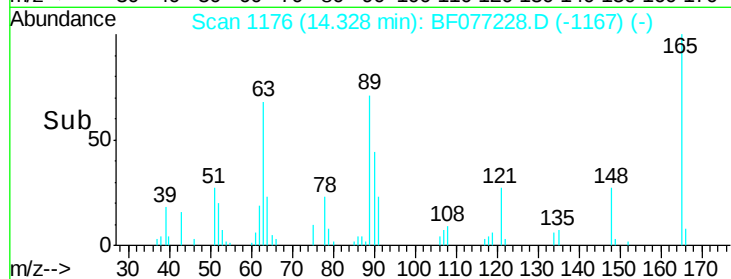
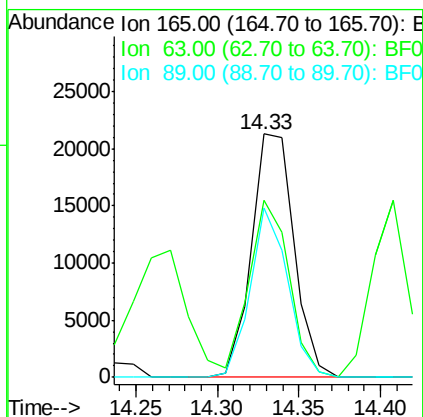
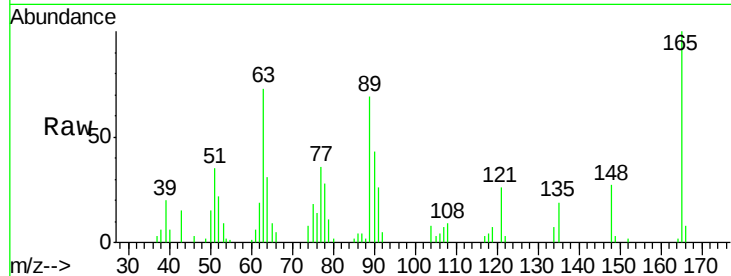




#50
 2,6-Dinitrotoluene
 Concen: 38.04 ng
 RT: 14.33 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF077228.D
 Acq: 9 Feb 2015 17:13

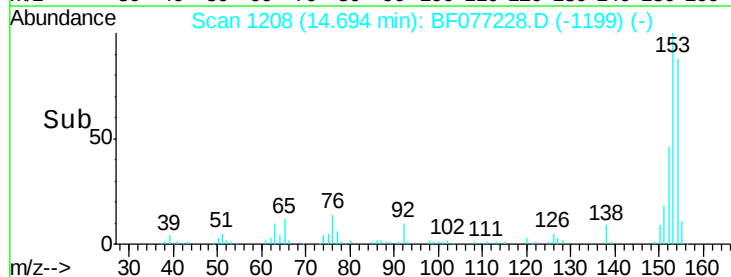
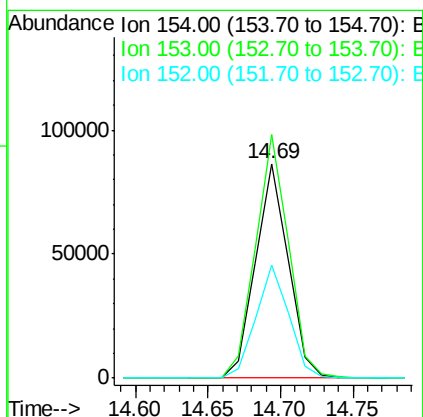
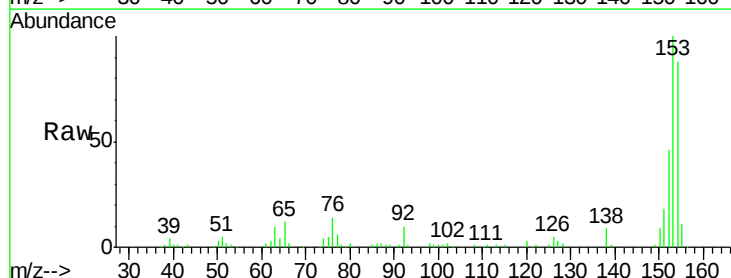
Instrument :
 BNA_F
 ClientSampleId :
 PB81644BS

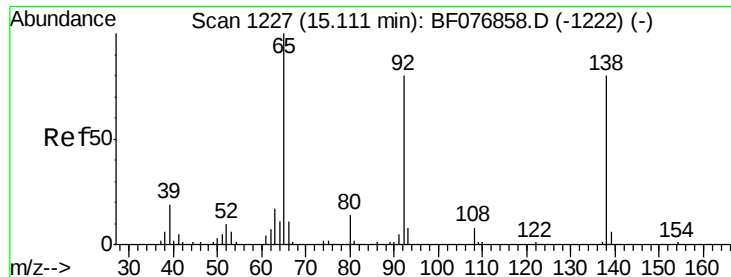
Tgt Ion:165 Resp: 38601
 Ion Ratio Lower Upper
 165 100
 63 72.7 48.1 72.1#
 89 69.5 47.2 70.8



#51
 Acenaphthene
 Concen: 32.34 ng
 RT: 14.69 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF077228.D
 Acq: 9 Feb 2015 17:13

Tgt Ion:154 Resp: 135229
 Ion Ratio Lower Upper
 154 100
 153 113.7 87.0 130.6
 152 52.6 43.5 65.3

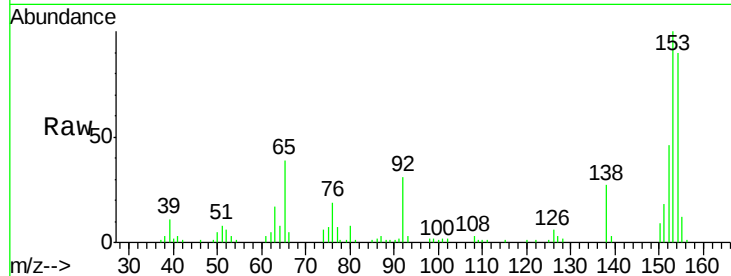




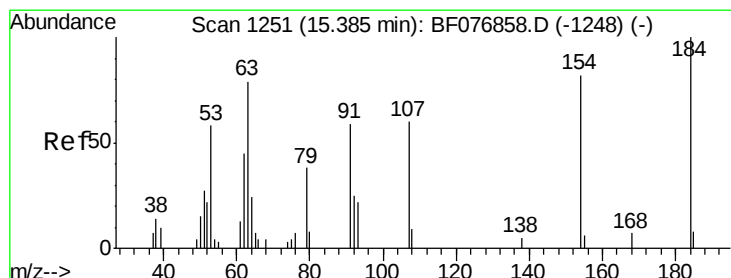
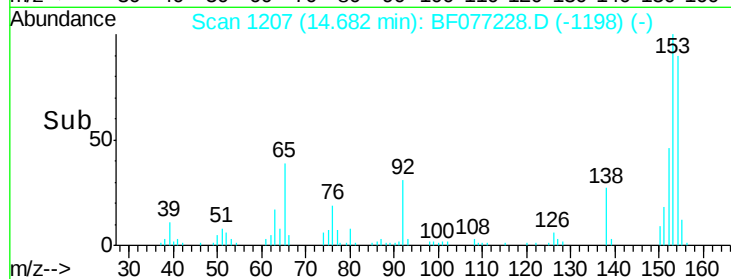
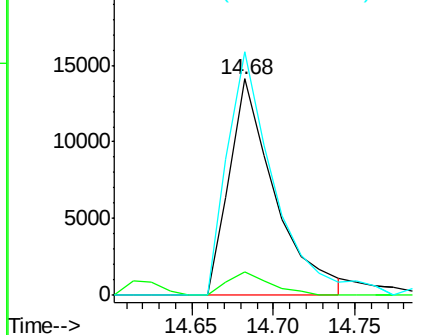
#52
3-Nitroaniline
Concen: 21.69 ng
RT: 14.68 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF077228.D
Acq: 9 Feb 2015 17:13

Instrument :
BNA_F
ClientSampleId :
PB81644BS

Tgt Ion:138 Resp: 27377
Ion Ratio Lower Upper
138 100
108 11.0 8.3 12.5
92 112.5 80.9 121.3

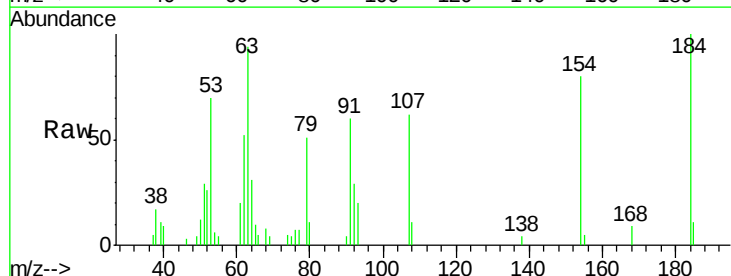


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

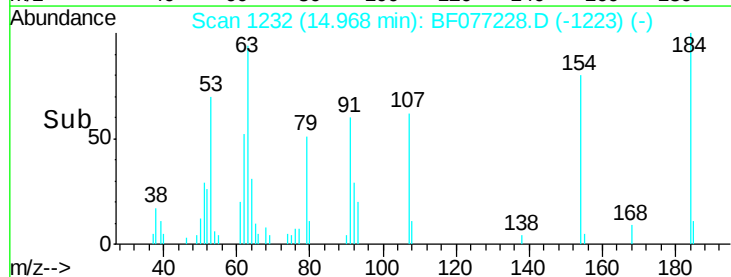
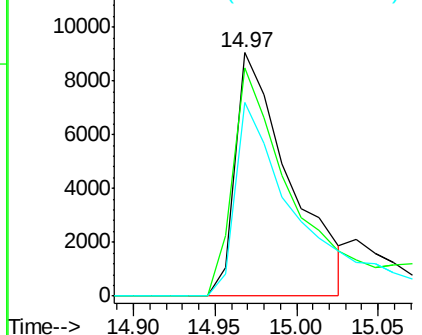


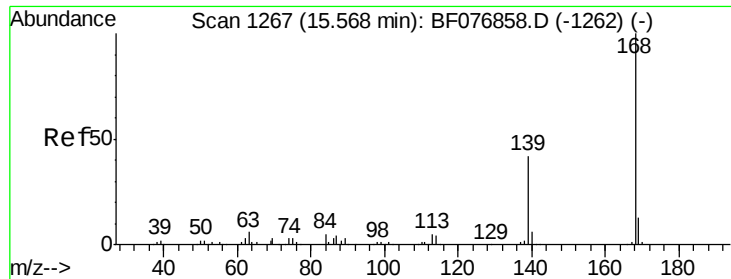
#53
2,4-Dinitrophenol
Concen: 49.29 ng
RT: 14.97 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF077228.D
Acq: 9 Feb 2015 17:13

Tgt Ion:184 Resp: 20957
Ion Ratio Lower Upper
184 100
63 94.0 63.0 94.6
154 79.8 65.5 98.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

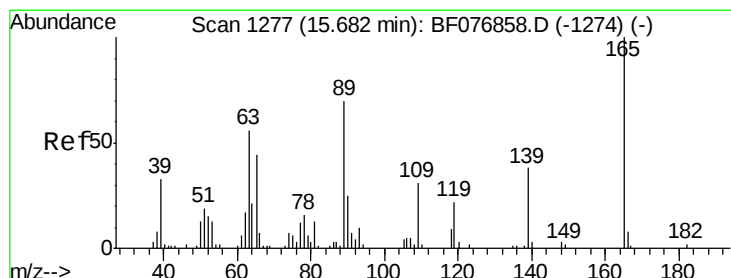
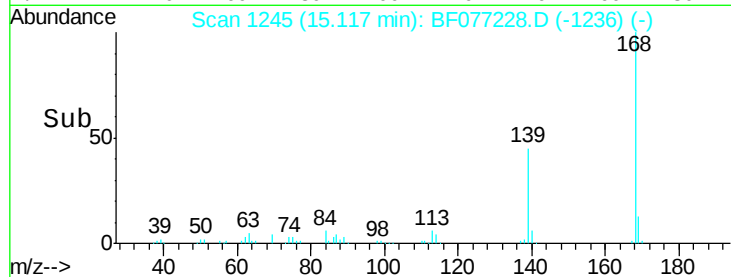
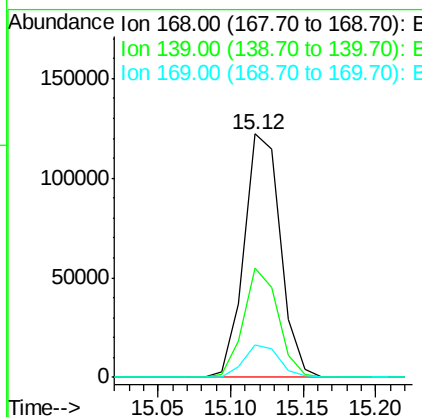
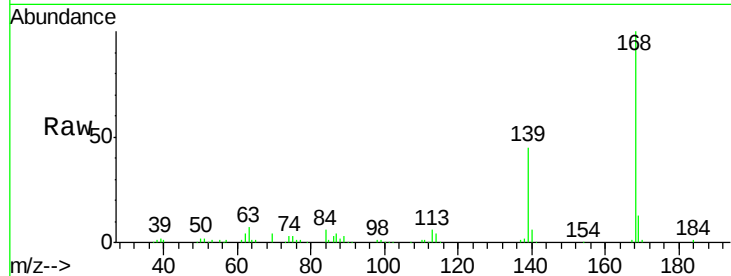




#54
Dibenzenofuran
Concen: 34.98 ng
RT: 15.12 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BF077228.D
Acq: 9 Feb 2015 17:13

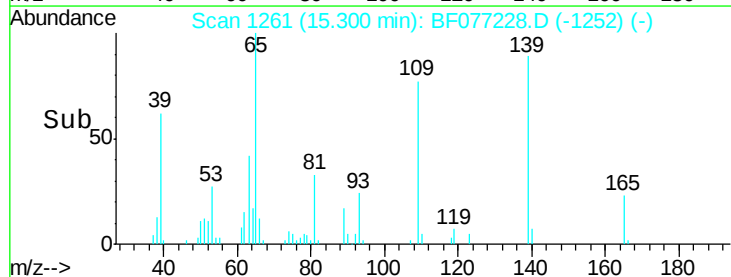
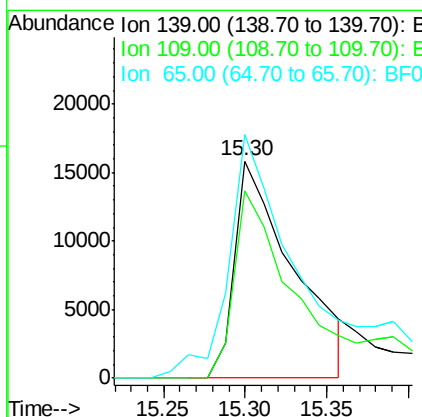
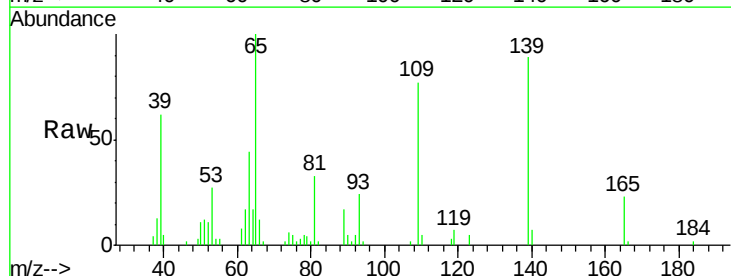
Instrument :
BNA_F
ClientSampleId :
PB81644BS

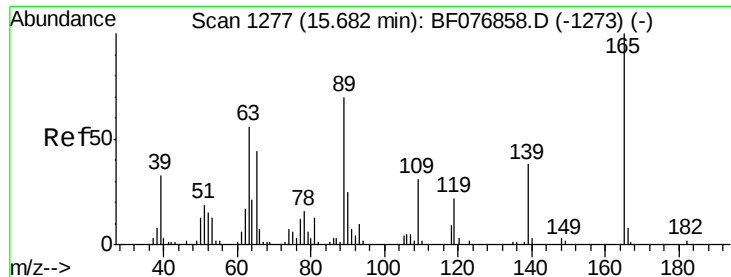
Tgt Ion:168 Resp: 213099
Ion Ratio Lower Upper
168 100
139 44.8 33.4 50.2
169 13.5 10.6 15.8



#55
4-Nitrophenol
Concen: 49.54 ng
RT: 15.30 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BF077228.D
Acq: 9 Feb 2015 17:13

Tgt Ion:139 Resp: 39440
Ion Ratio Lower Upper
139 100
109 86.5 61.0 101.0
65 112.3 96.6 136.6

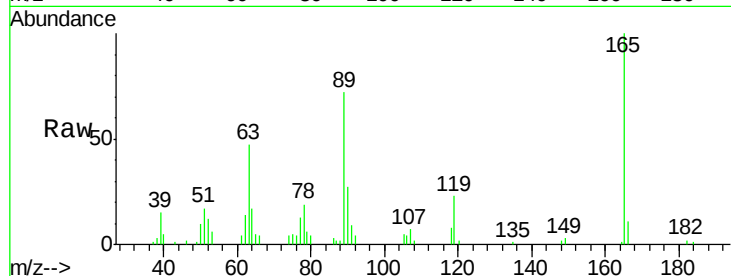




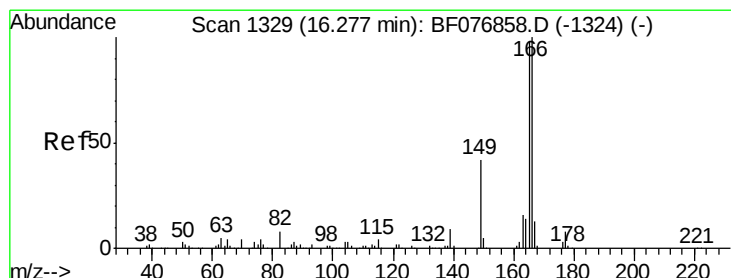
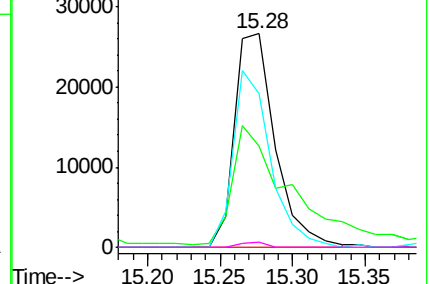
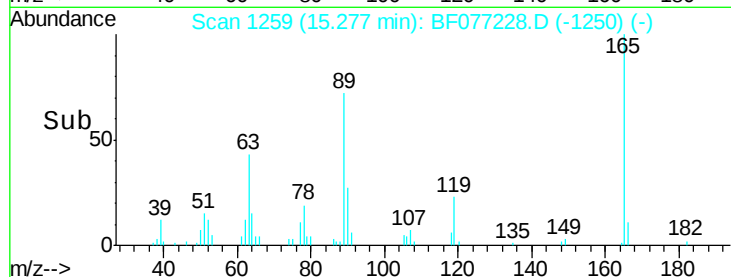
#56
2,4-Dinitrotoluene
Concen: 34.77 ng
RT: 15.28 min Scan# 1259
Delta R.T. 0.00 min
Lab File: BF077228.D
Acq: 9 Feb 2015 17:13

Instrument :
BNA_F
ClientSampleId :
PB81644BS

Tgt Ion:165 Resp: 51974
Ion Ratio Lower Upper
165 100
63 47.4 44.8 67.2
89 71.9 56.2 84.2
182 2.2 1.5 2.3

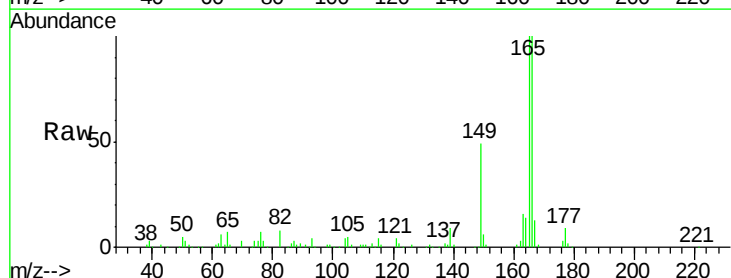


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

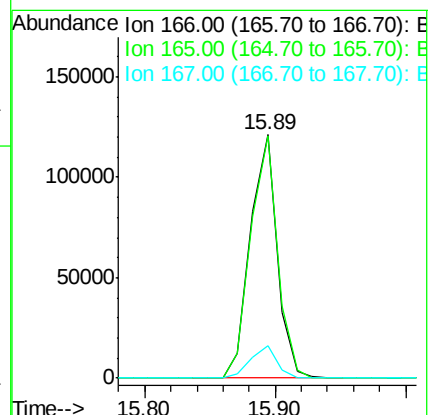
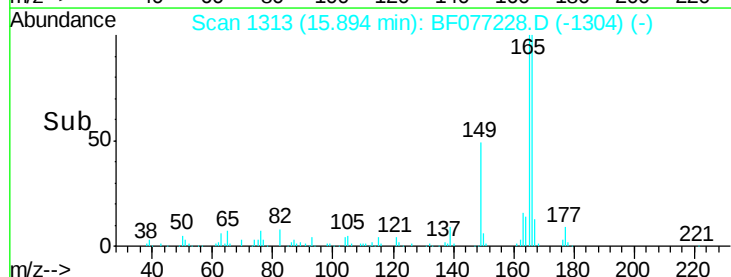


#57
Fluorene
Concen: 33.76 ng
RT: 15.89 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF077228.D
Acq: 9 Feb 2015 17:13

Tgt Ion:166 Resp: 174228
Ion Ratio Lower Upper
166 100
165 99.7 78.5 117.7
167 13.2 10.4 15.6



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

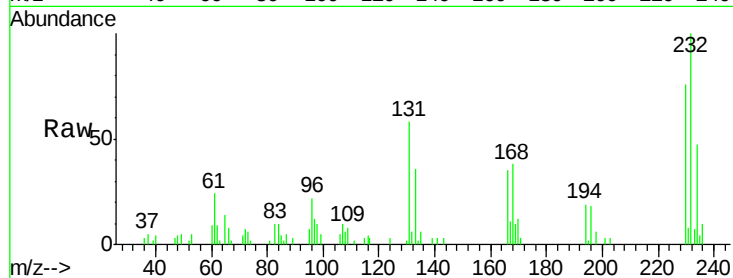




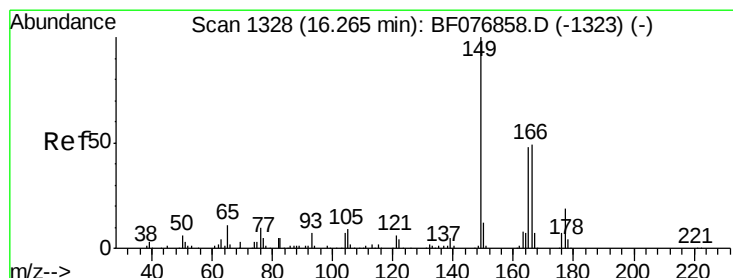
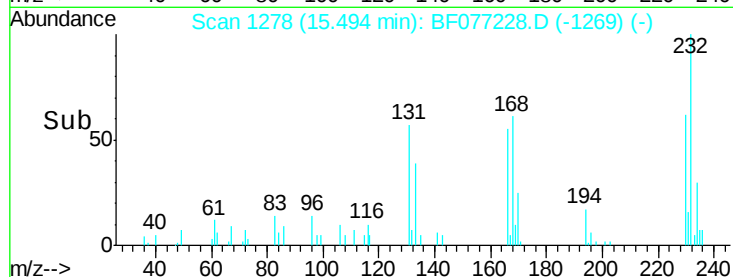
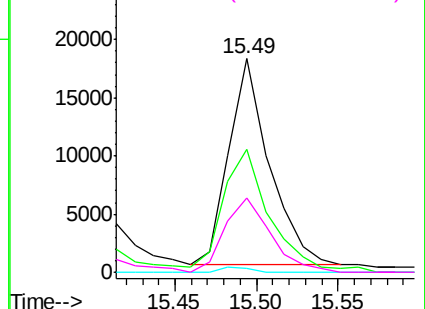
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.88 ng
 RT: 15.49 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: BF077228.D
 Acq: 9 Feb 2015 17:13

Instrument :
 BNA_F
 ClientSampleId :
 PB81644BS

Tgt Ion: 232 Resp: 30545
 Ion Ratio Lower Upper
 232 100
 131 62.3 45.0 67.6
 130 1.7 2.6 3.8#
 166 40.6 30.9 46.3

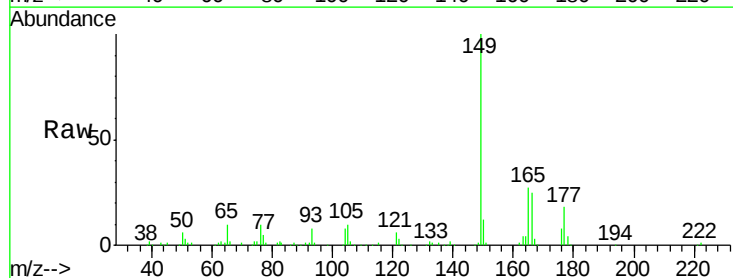


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

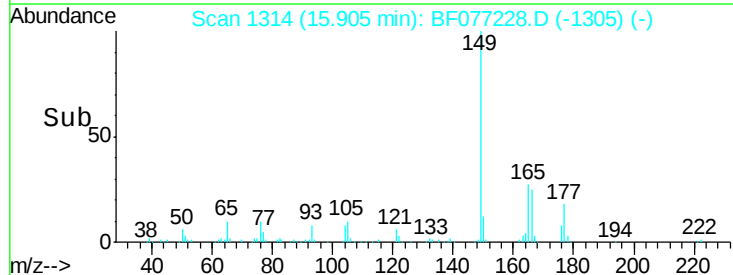
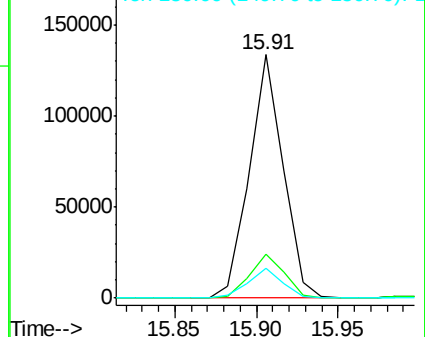


#59
 Diethylphthalate
 Concen: 37.27 ng
 RT: 15.91 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF077228.D
 Acq: 9 Feb 2015 17:13

Tgt Ion: 149 Resp: 191342
 Ion Ratio Lower Upper
 149 100
 177 18.2 15.0 22.6
 150 12.5 9.4 14.0



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

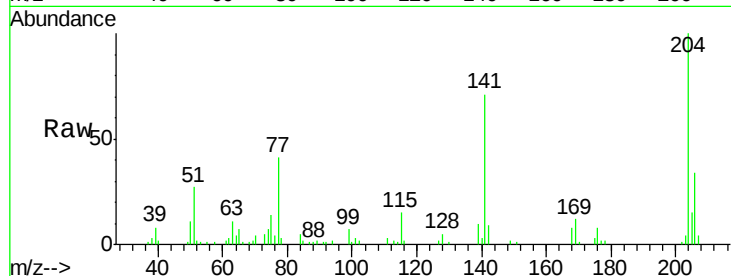




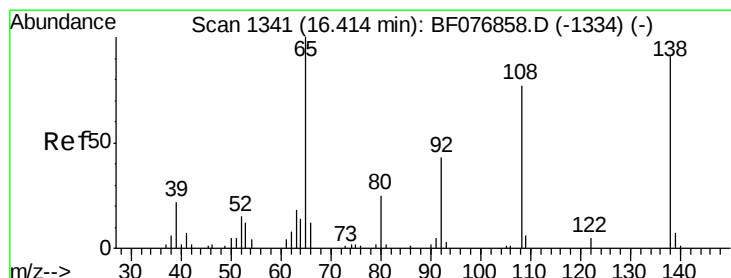
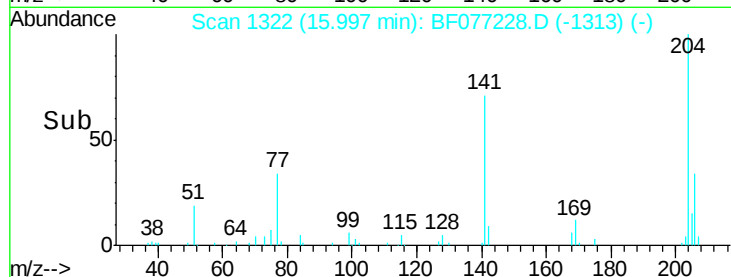
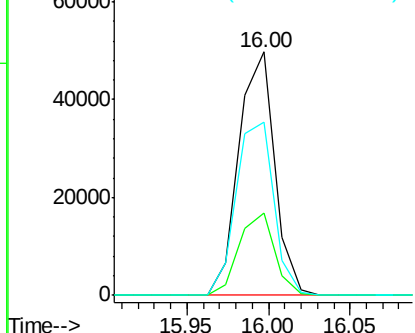
#60
4-Chlorophenyl-phenylether
Concen: 35.88 ng
RT: 16.00 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF077228.D
Acq: 9 Feb 2015 17:13

Instrument :
BNA_F
ClientSampleId :
PB81644BS

Tgt Ion:204 Resp: 75755
Ion Ratio Lower Upper
204 100
206 33.9 24.2 36.2
141 71.2 66.7 100.1

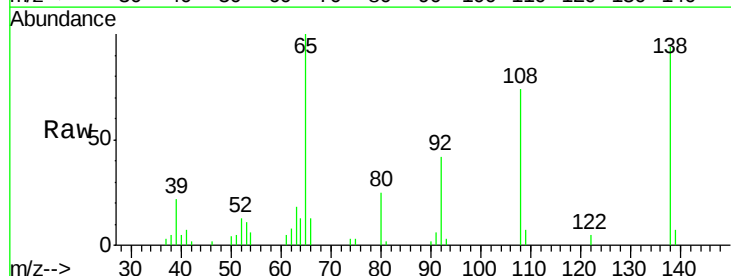


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

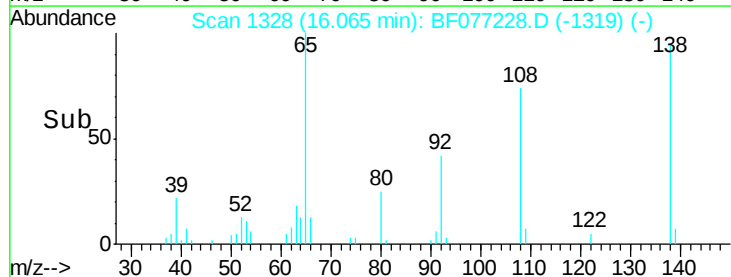
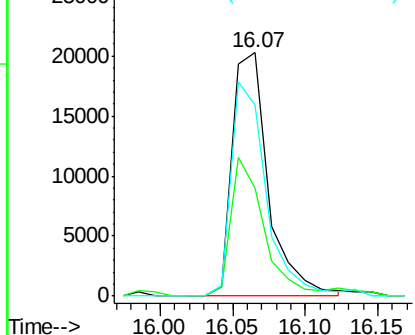


#61
4-Nitroaniline
Concen: 28.16 ng
RT: 16.07 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF077228.D
Acq: 9 Feb 2015 17:13

Tgt Ion:138 Resp: 35239
Ion Ratio Lower Upper
138 100
92 44.5 26.7 66.7
108 78.5 64.5 104.5



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: 36.10 ng

RT: 16.29 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF077228.D

Acq: 9 Feb 2015 17:13

Instrument :

BNA_F

ClientSampleId :

PB81644BS

Tgt Ion: 77 Resp: 193094

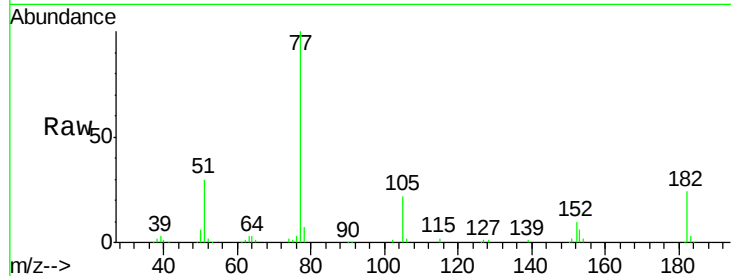
Ion Ratio Lower Upper

77 100

182 24.0 2.0 42.0

105 22.5 2.3 42.3

51 29.7 10.7 50.7

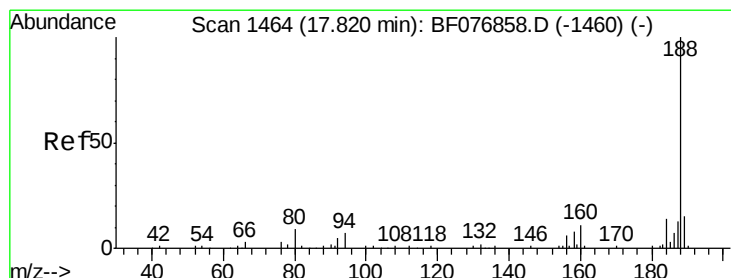
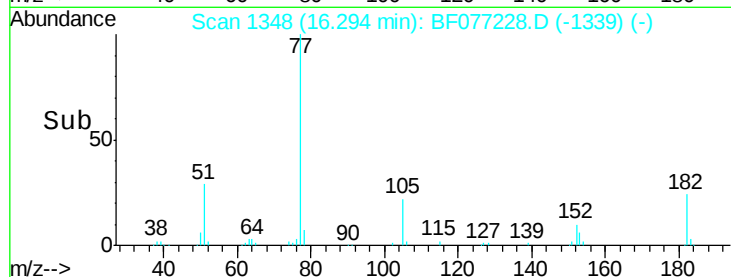
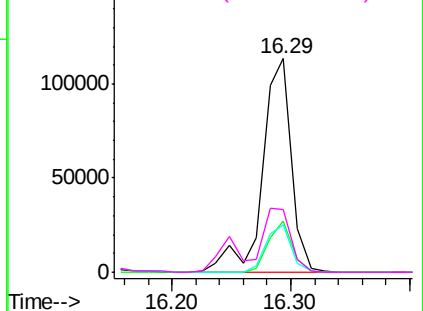


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 17.51 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF077228.D

Acq: 9 Feb 2015 17:13

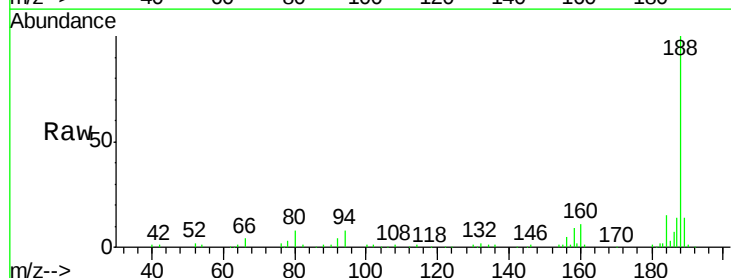
Tgt Ion: 188 Resp: 123846

Ion Ratio Lower Upper

188 100

94 7.5 6.0 9.0

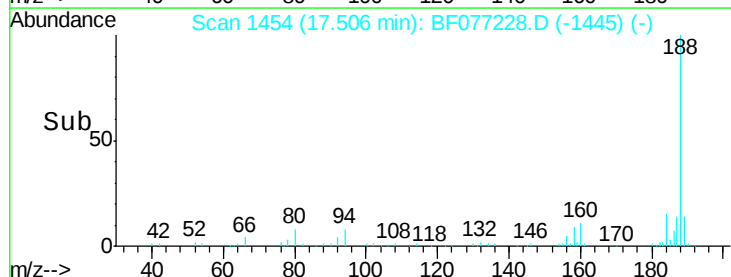
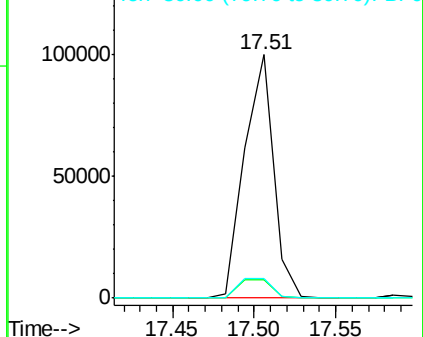
80 7.8 6.9 10.3

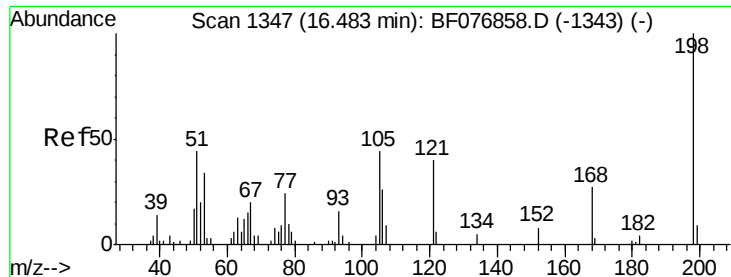


Abundance Ion 188.00 (187.70 to 188.70): E

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: 29.06 ng

RT: 16.13 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF077228.D

Acq: 9 Feb 2015 17:13

Instrument :

BNA_F

ClientSampleId :

PB81644BS

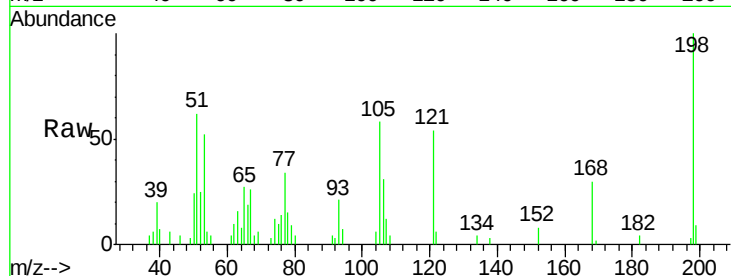
Tgt Ion:198 Resp: 22011

Ion Ratio Lower Upper

198 100

51 62.1 24.2 64.2

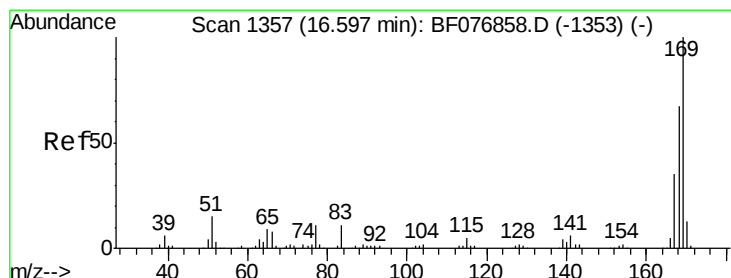
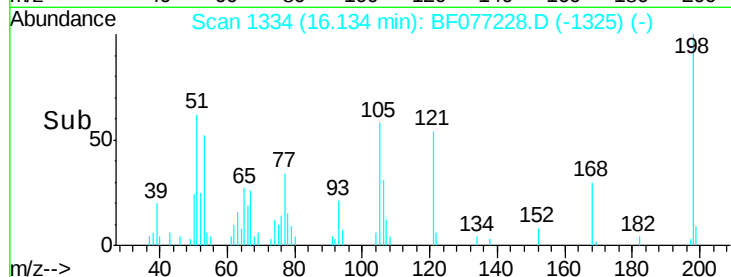
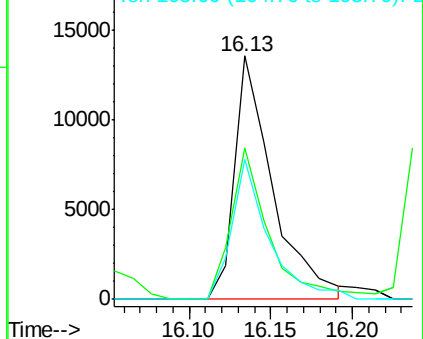
105 57.5 24.0 64.0



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: 33.59 ng

RT: 16.25 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BF077228.D

Acq: 9 Feb 2015 17:13

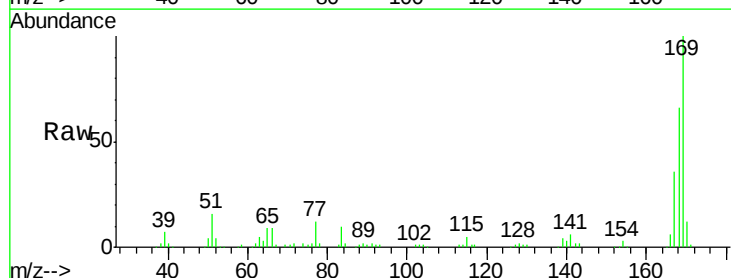
Tgt Ion:169 Resp: 148352

Ion Ratio Lower Upper

169 100

168 65.6 53.8 80.6

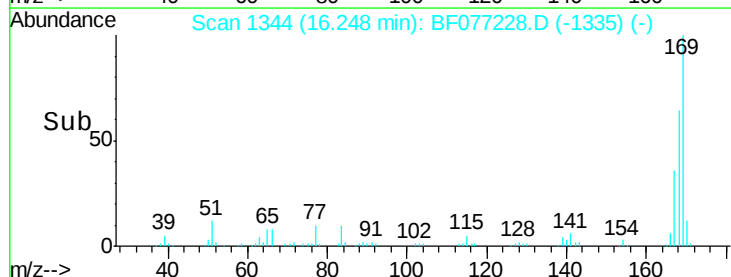
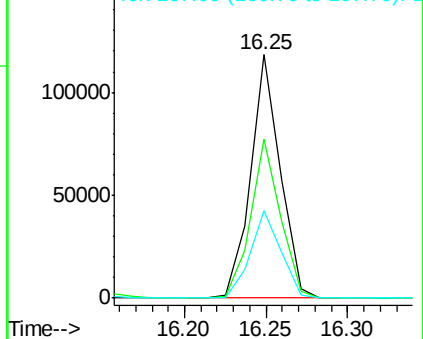
167 36.0 27.8 41.6

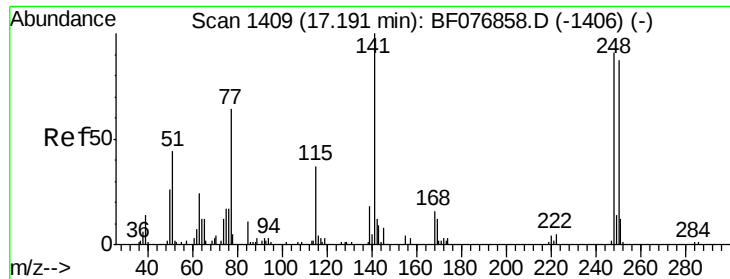


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

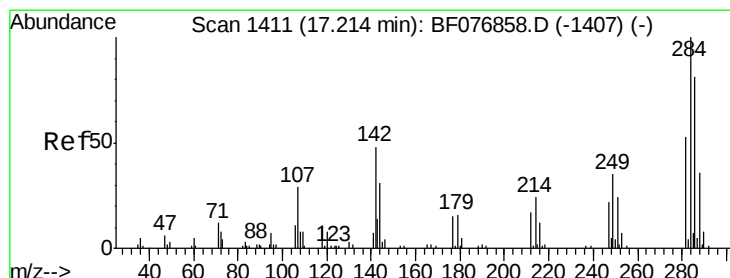
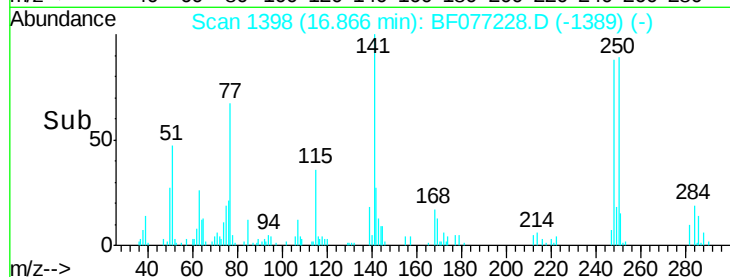
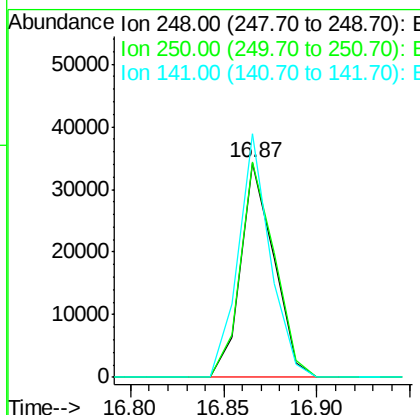
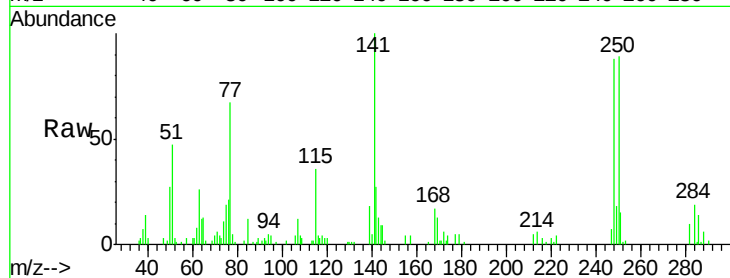




#66
4-Bromophenyl-phenylether
Concen: 33.95 ng
RT: 16.87 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF077228.D
Acq: 9 Feb 2015 17:13

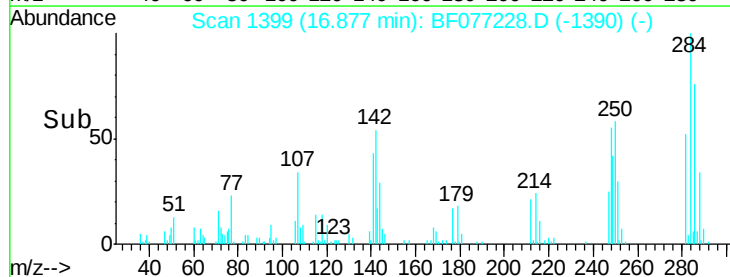
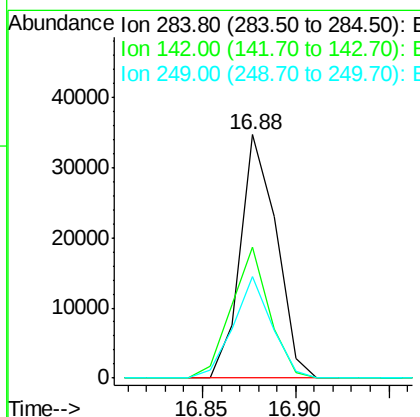
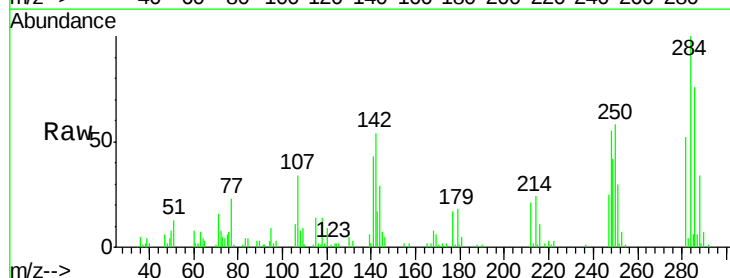
Instrument :
BNA_F
ClientSampleId :
PB81644BS

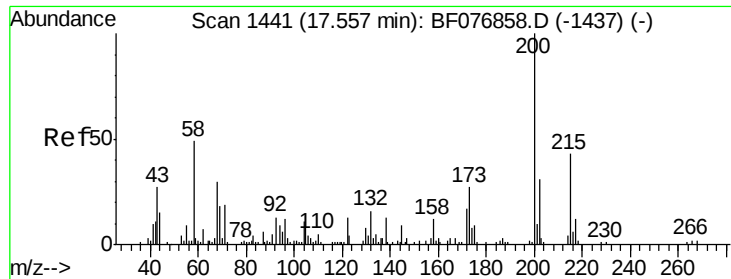
Tgt Ion:248 Resp: 42597
Ion Ratio Lower Upper
248 100
250 100.7 77.1 115.7
141 113.6 88.2 132.4



#67
Hexachlorobenzene
Concen: 35.31 ng
RT: 16.88 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF077228.D
Acq: 9 Feb 2015 17:13

Tgt Ion:284 Resp: 46690
Ion Ratio Lower Upper
284 100
142 53.7 38.2 57.4
249 41.5 28.2 42.2





#68

Atrazine

Concen: 37.94 ng

RT: 17.27 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF077228.D

Acq: 9 Feb 2015 17:13

Instrument :

BNA_F

ClientSampleId :

PB81644BS

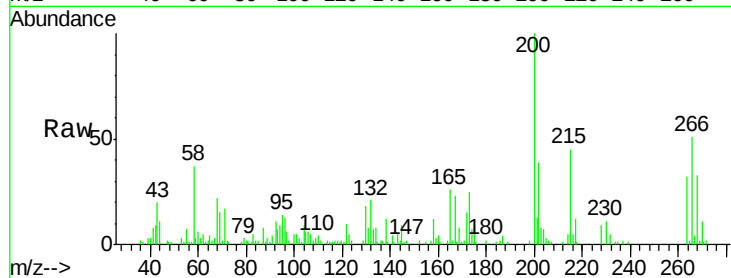
Tgt Ion:200 Resp: 50843

Ion Ratio Lower Upper

200 100

173 24.5 6.6 46.6

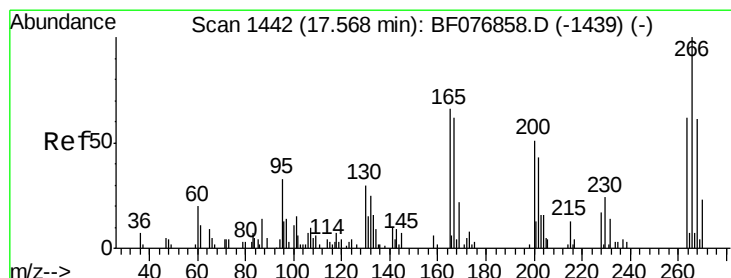
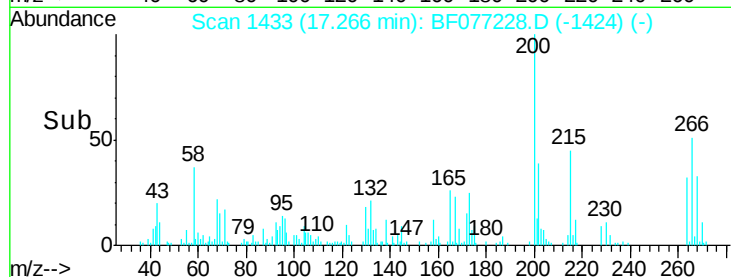
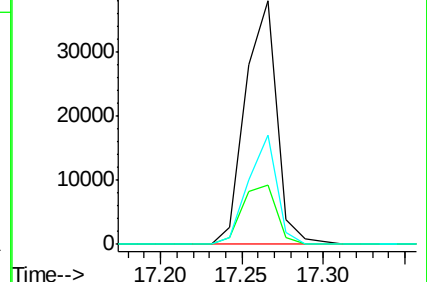
215 44.7 22.9 62.9



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: 54.03 ng

RT: 17.27 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF077228.D

Acq: 9 Feb 2015 17:13

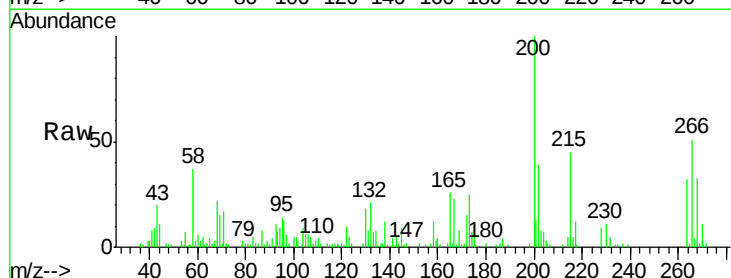
Tgt Ion:266 Resp: 31278

Ion Ratio Lower Upper

266 100

268 64.3 48.6 72.8

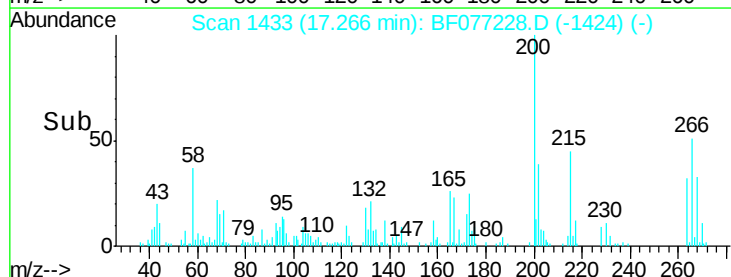
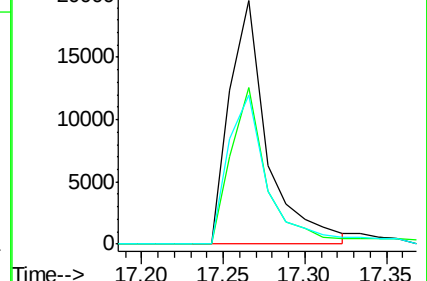
264 61.3 49.5 74.3

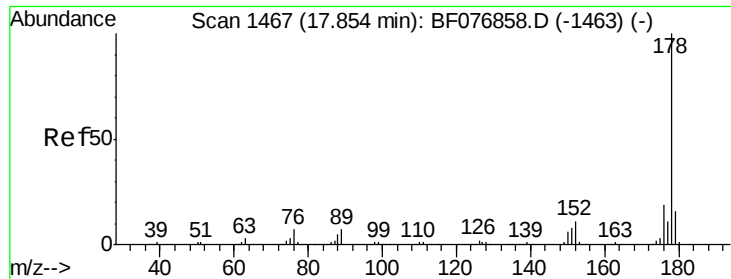


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 33.43 ng

RT: 17.54 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BF077228.D

Acq: 9 Feb 2015 17:13

Instrument :

BNA_F

ClientSampleId :

PB81644BS

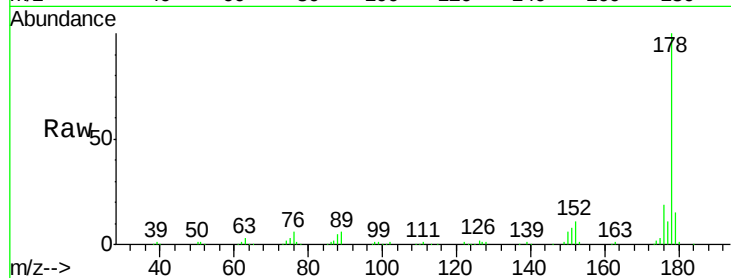
Tgt Ion:178 Resp: 258186

Ion Ratio Lower Upper

178 100

176 19.5 15.1 22.7

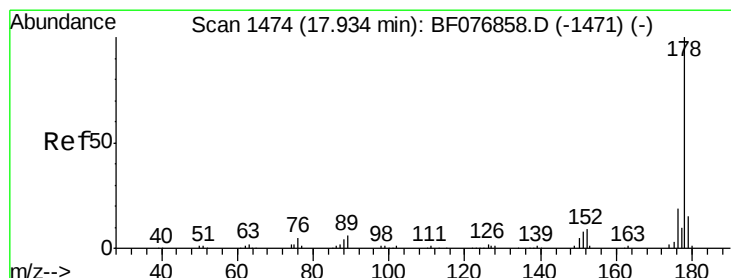
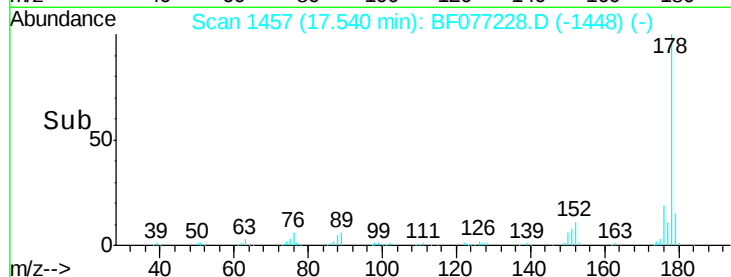
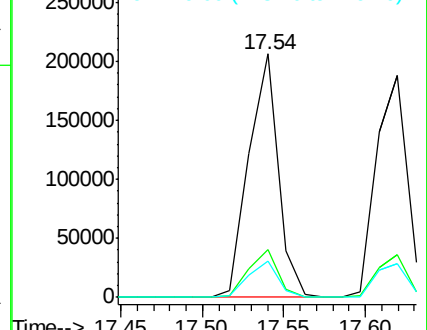
179 15.0 12.7 19.1



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: 33.73 ng

RT: 17.62 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BF077228.D

Acq: 9 Feb 2015 17:13

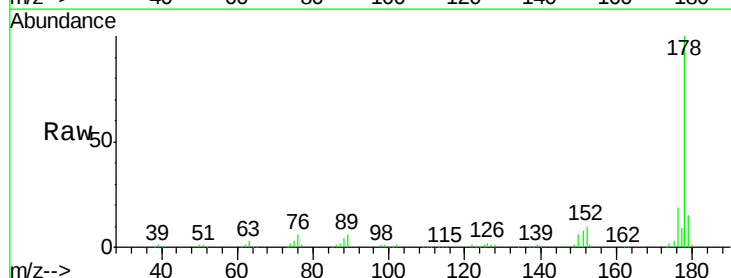
Tgt Ion:178 Resp: 254010

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

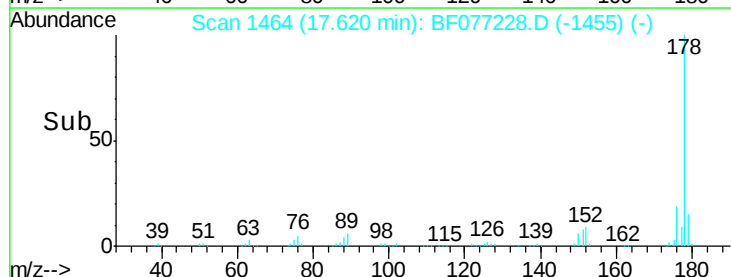
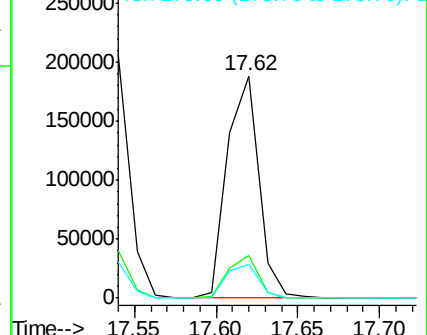
179 15.1 11.9 17.9

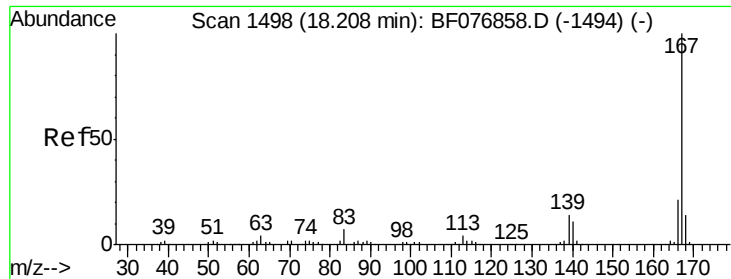


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

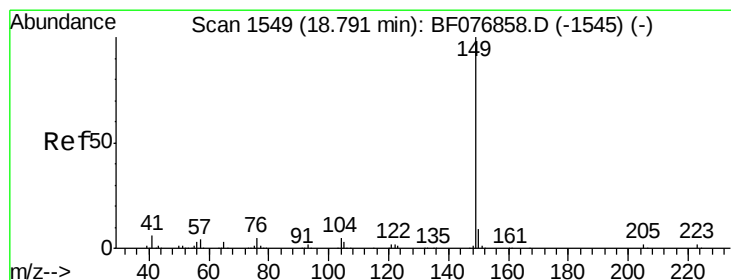
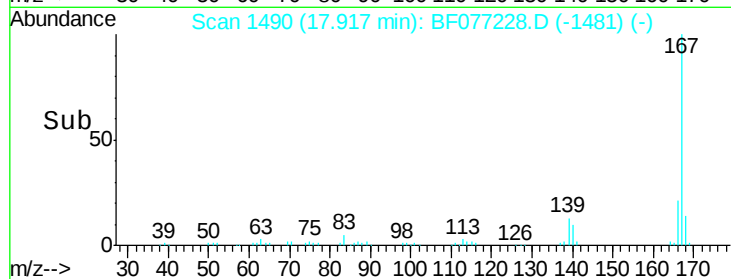
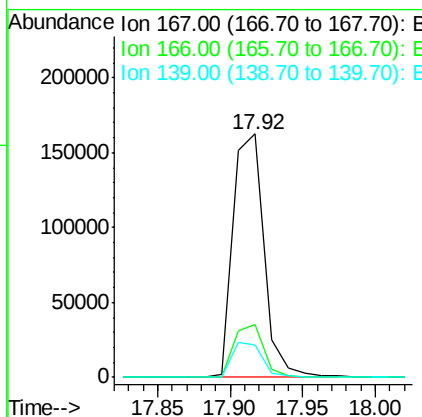
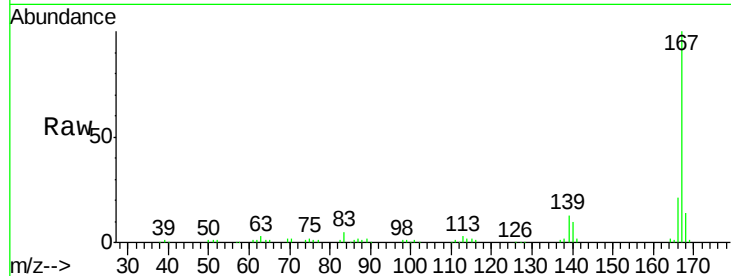




#72
 Carbazole
 Concen: 33.09 ng
 RT: 17.92 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BF077228.D
 Acq: 9 Feb 2015 17:13

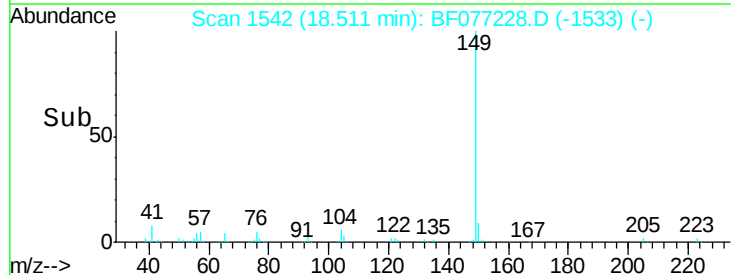
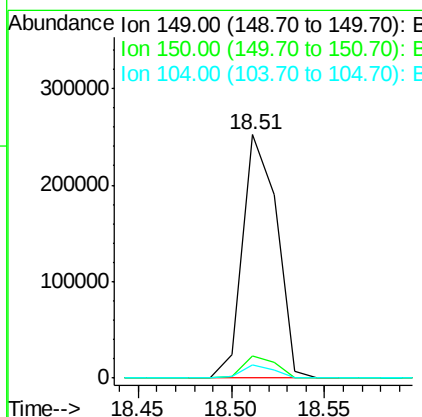
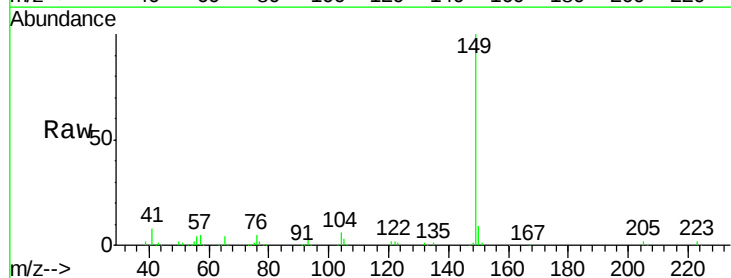
Instrument :
 BNA_F
 ClientSampleId :
 PB81644BS

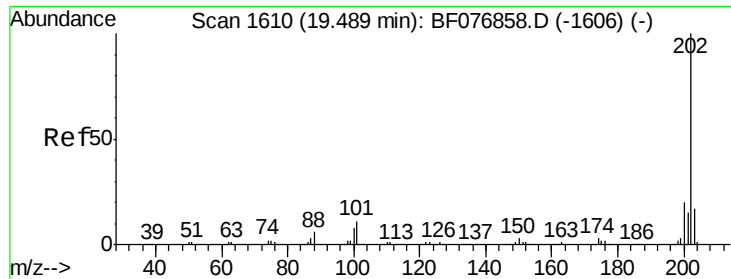
Tgt Ion:167 Resp: 241679
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 13.4 11.3 16.9



#73
 Di-n-butylphthalate
 Concen: 38.45 ng
 RT: 18.51 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BF077228.D
 Acq: 9 Feb 2015 17:13

Tgt Ion:149 Resp: 325118
 Ion Ratio Lower Upper
 149 100
 150 9.3 6.9 10.3
 104 5.7 3.7 5.5#

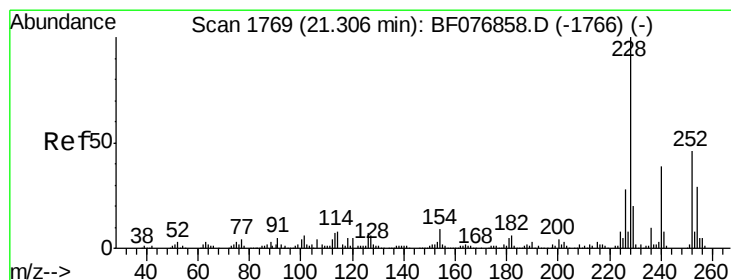
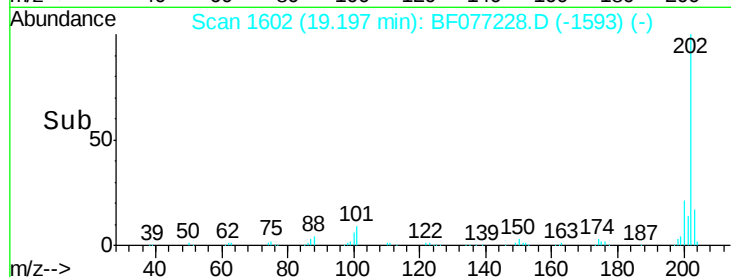
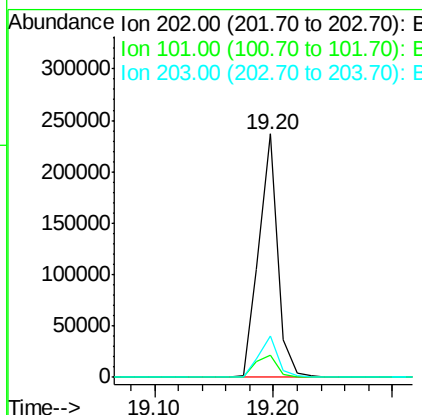
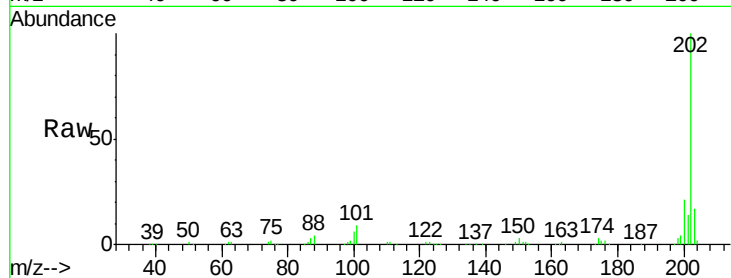




#74
Fluoranthene
Concen: 33.47 ng
RT: 19.20 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF077228.D
Acq: 9 Feb 2015 17:13

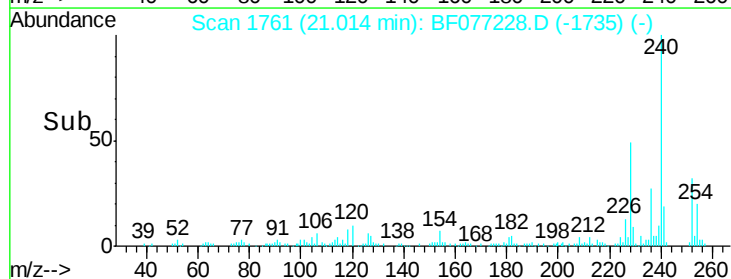
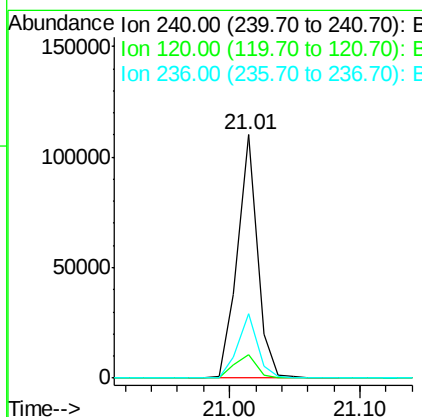
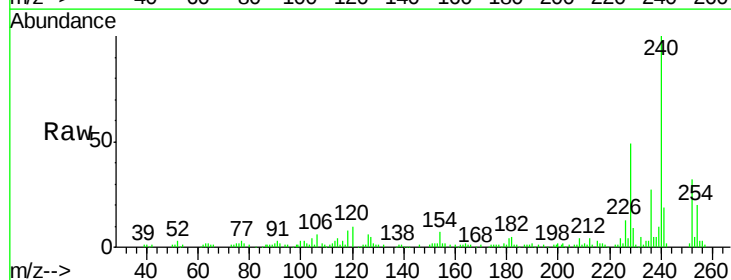
Instrument :
BNA_F
ClientSampleId :
PB81644BS

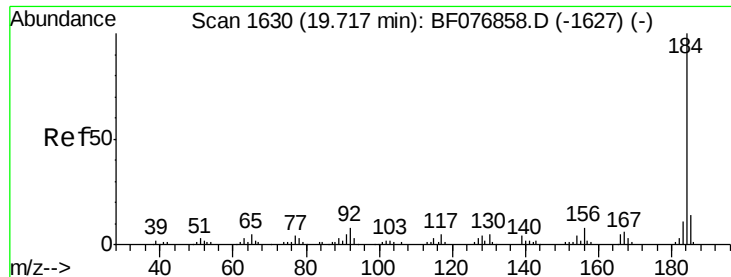
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	264910		
101	9.2	0.0	30.7	
203	16.8	0.0	36.9	



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.01 min Scan# 1761
Delta R.T. 0.00 min
Lab File: BF077228.D
Acq: 9 Feb 2015 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	117267		
120	9.8	10.4	15.6#	
236	26.6	20.2	30.2	

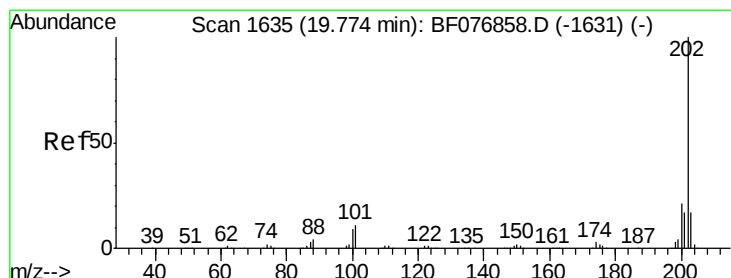
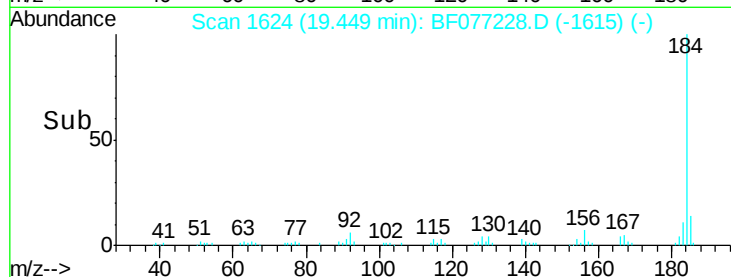
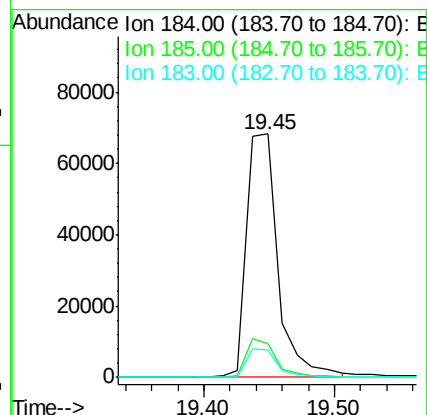
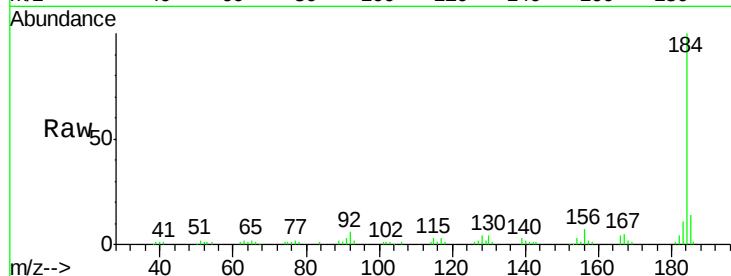




#76
Benzidine
Concen: 30.26 ng
RT: 19.45 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BF077228.D
Acq: 9 Feb 2015 17:13

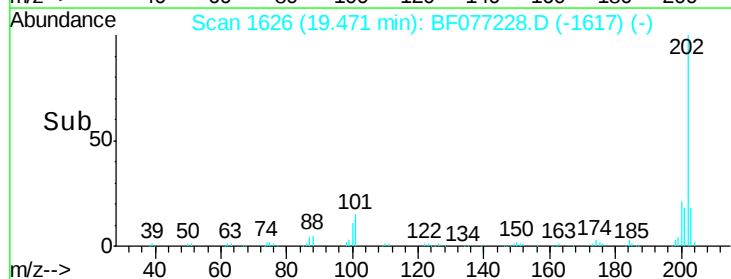
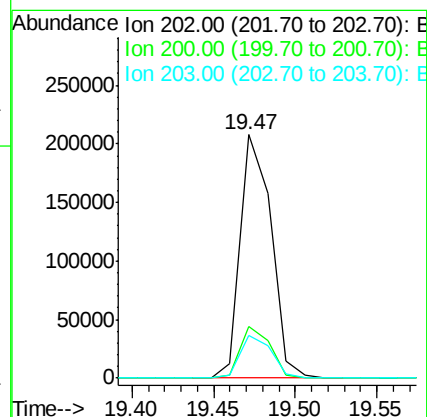
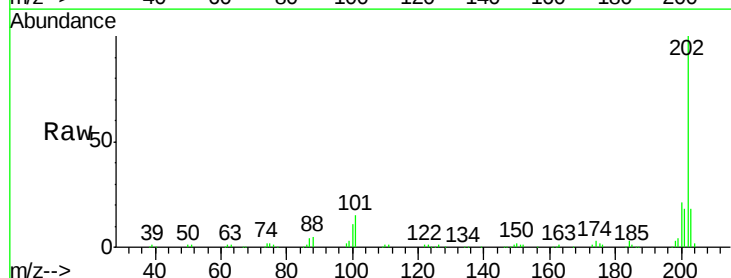
Instrument :
BNA_F
ClientSampleId :
PB81644BS

Tgt Ion:184 Resp: 113564
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.2
183 11.3 9.0 13.6



#77
Pyrene
Concen: 33.77 ng
RT: 19.47 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BF077228.D
Acq: 9 Feb 2015 17:13

Tgt Ion:202 Resp: 271406
Ion Ratio Lower Upper
202 100
200 21.3 16.7 25.1
203 17.6 14.0 21.0

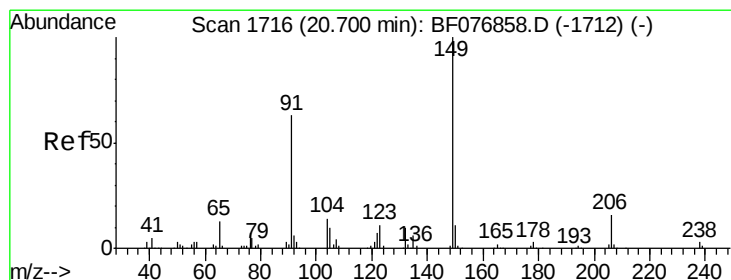
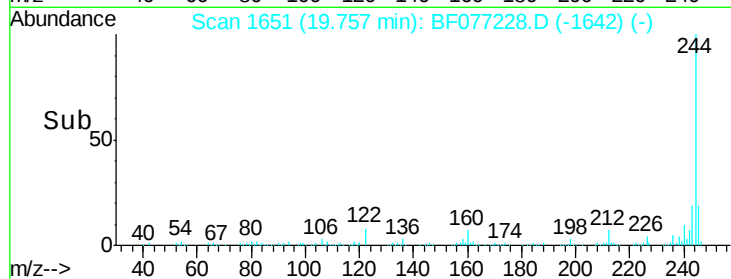
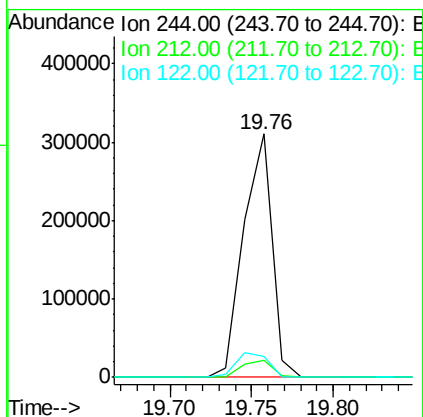
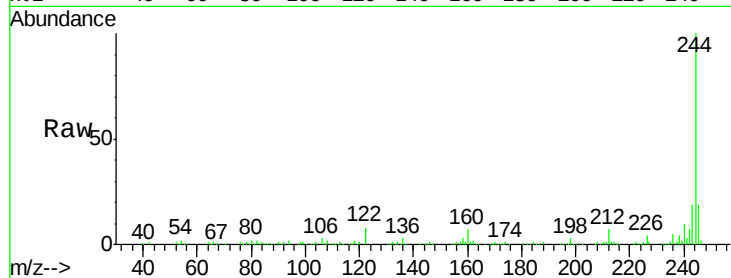




#78
 Terphenyl-d14
 Concen: 73.72 ng
 RT: 19.76 min Scan# 1651
 Delta R.T. 0.00 min
 Lab File: BF077228.D
 Acq: 9 Feb 2015 17:13

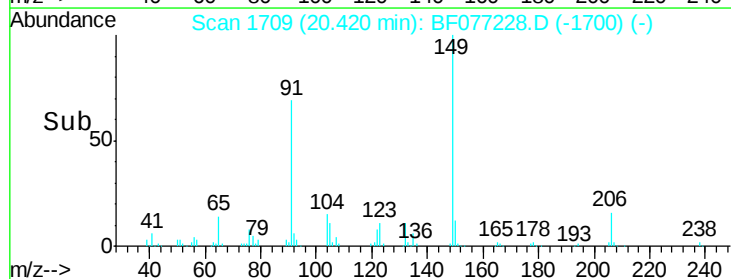
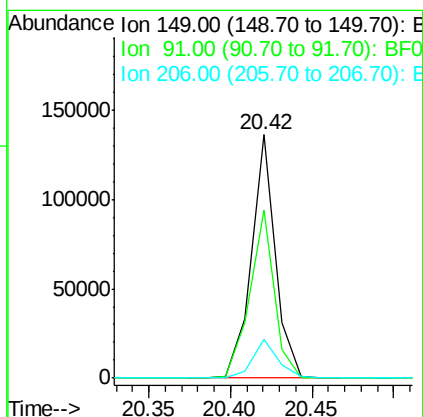
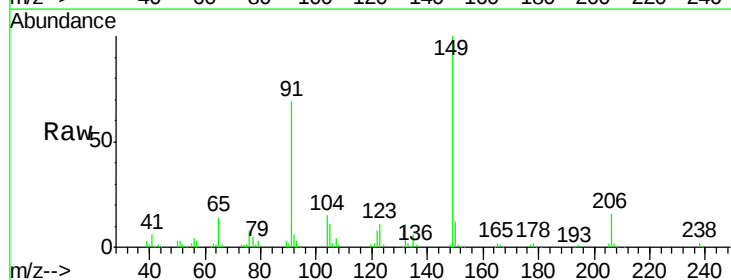
Instrument :
 BNA_F
 ClientSampleId :
 PB81644BS

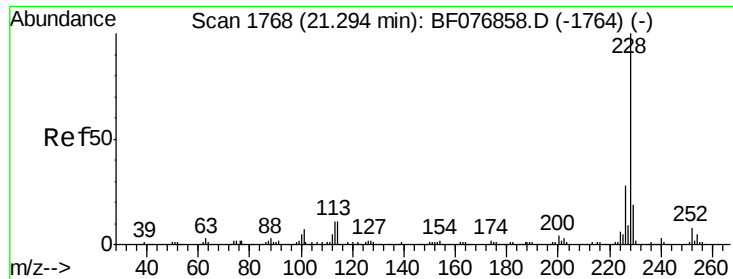
Tgt Ion: 244 Resp: 375487
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.3 9.5
 122 8.4 10.1 15.1#



#79
 Butylbenzylphthalate
 Concen: 37.97 ng
 RT: 20.42 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BF077228.D
 Acq: 9 Feb 2015 17:13

Tgt Ion: 149 Resp: 138199
 Ion Ratio Lower Upper
 149 100
 91 69.0 50.6 76.0
 206 15.8 12.8 19.2

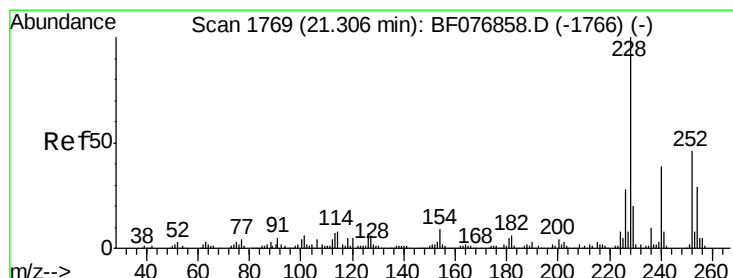
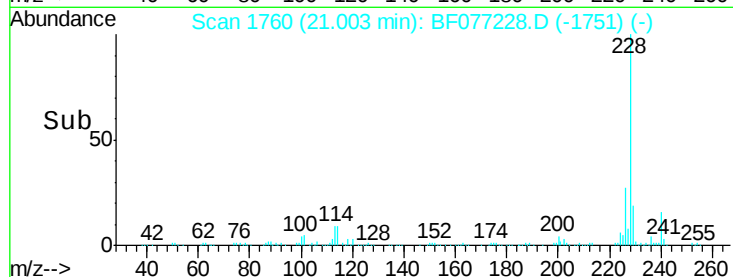
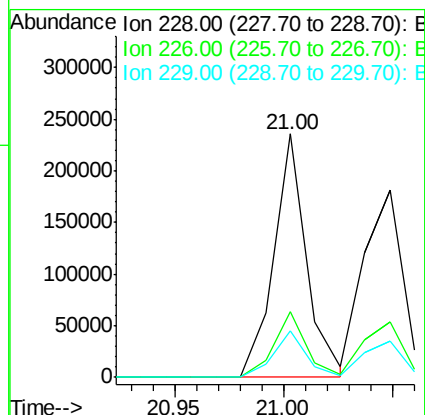
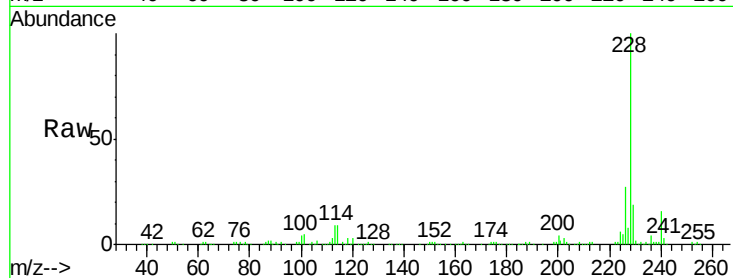




#80
Benzo(a)anthracene
Concen: 33.85 ng
RT: 21.00 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BF077228.D
Acq: 9 Feb 2015 17:13

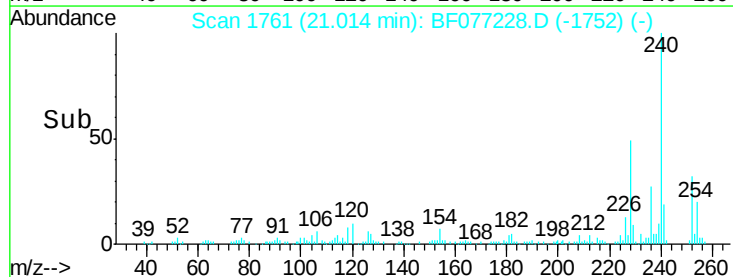
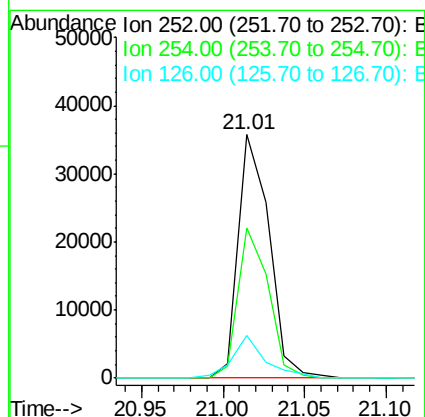
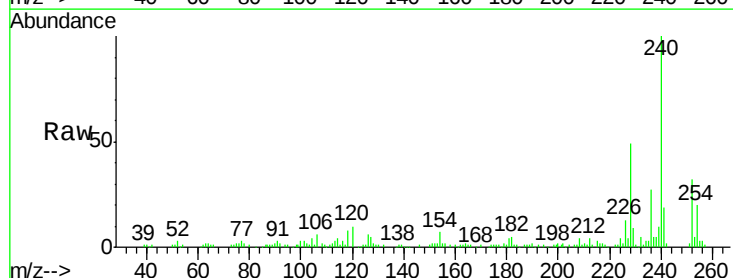
Instrument :
BNA_F
ClientSampleId :
PB81644BS

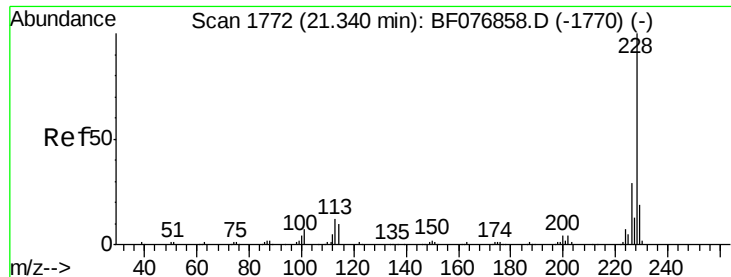
Tgt Ion:228 Resp: 249041
Ion Ratio Lower Upper
228 100
226 27.0 22.1 33.1
229 19.3 15.5 23.3



#81
3,3'-Dichlorobenzidine
Concen: 20.07 ng
RT: 21.01 min Scan# 1761
Delta R.T. 0.00 min
Lab File: BF077228.D
Acq: 9 Feb 2015 17:13

Tgt Ion:252 Resp: 46921
Ion Ratio Lower Upper
252 100
254 61.8 50.2 75.4
126 17.7 11.5 17.3#





#82

Chrysene

Concen: 33.90 ng

RT: 21.05 min Scan# 1764

Delta R.T. 0.00 min

Lab File: BF077228.D

Acq: 9 Feb 2015 17:13

Instrument :

BNA_F

ClientSampleId :

PB81644BS

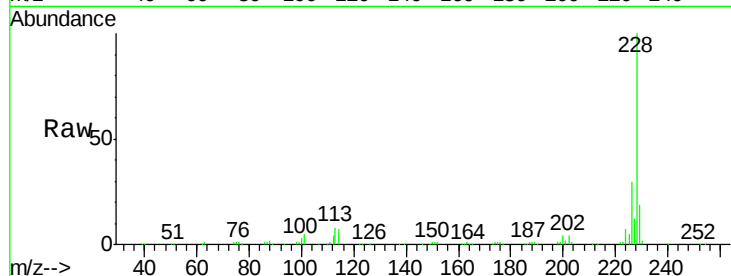
Tgt Ion:228 Resp: 227426

Ion Ratio Lower Upper

228 100

226 29.7 23.4 35.0

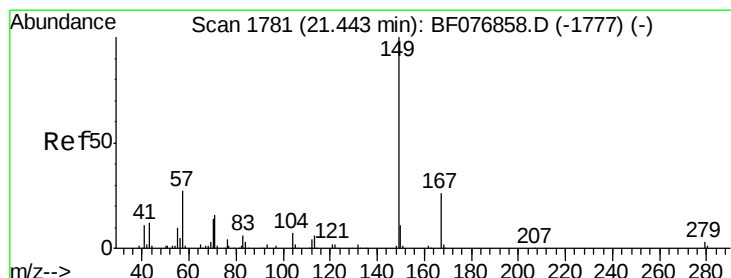
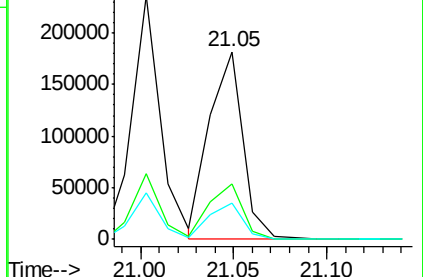
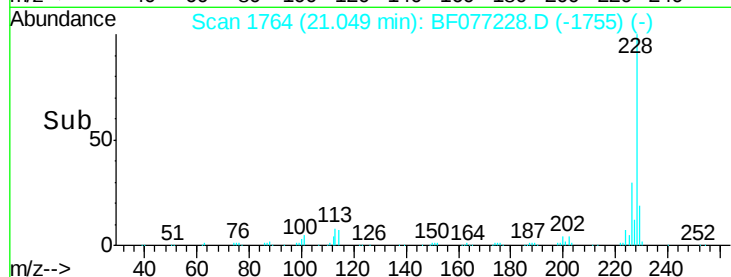
229 19.2 15.4 23.0



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: 40.09 ng

RT: 21.16 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF077228.D

Acq: 9 Feb 2015 17:13

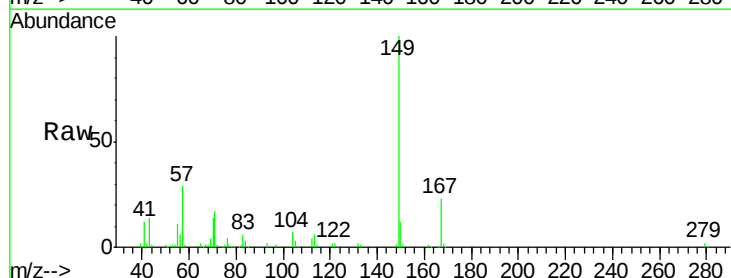
Tgt Ion:149 Resp: 201890

Ion Ratio Lower Upper

149 100

167 23.2 20.6 30.8

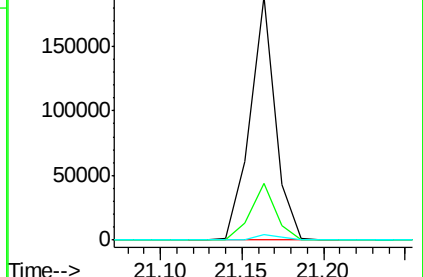
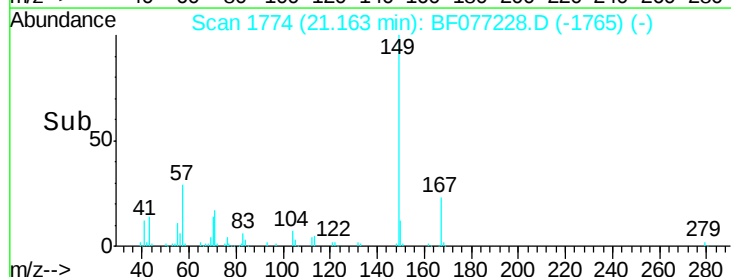
279 2.0 2.2 3.2#

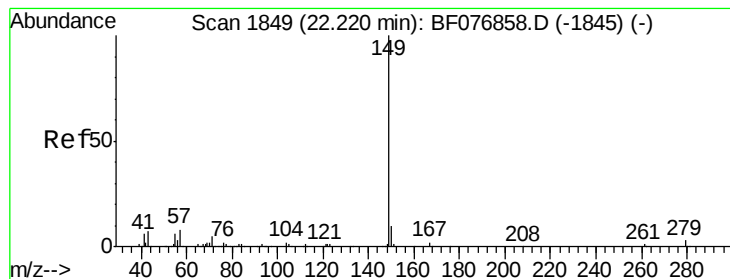


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 39.83 ng

RT: 21.93 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF077228.D

Acq: 9 Feb 2015 17:13

Instrument :

BNA_F

ClientSampleId :

PB81644BS

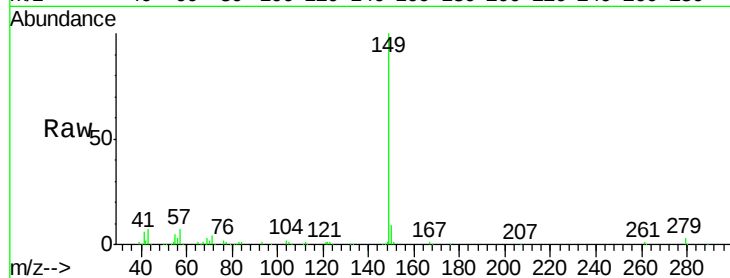
Tgt Ion:149 Resp: 348100

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

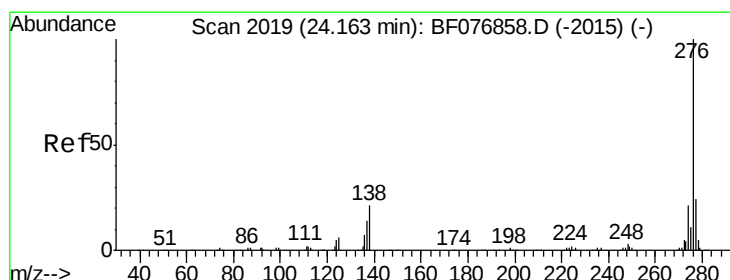
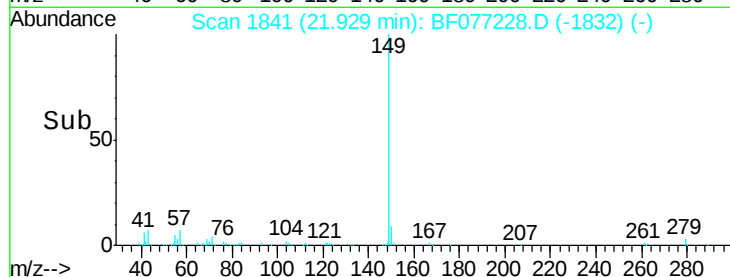
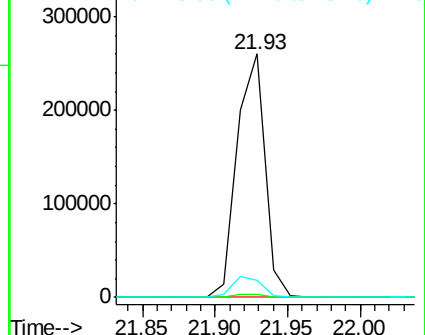
43 8.9 6.6 10.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 31.48 ng

RT: 23.76 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF077228.D

Acq: 9 Feb 2015 17:13

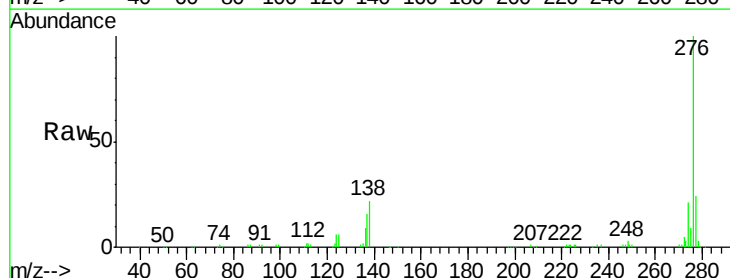
Tgt Ion:276 Resp: 223870

Ion Ratio Lower Upper

276 100

138 26.8 14.6 22.0#

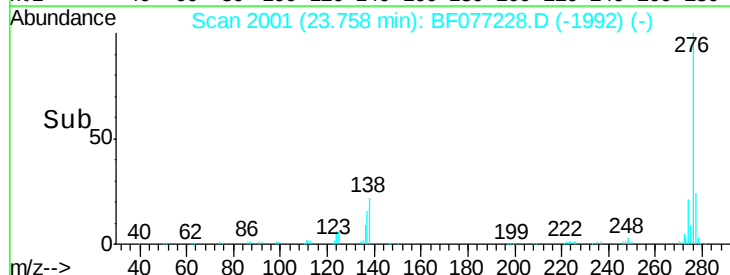
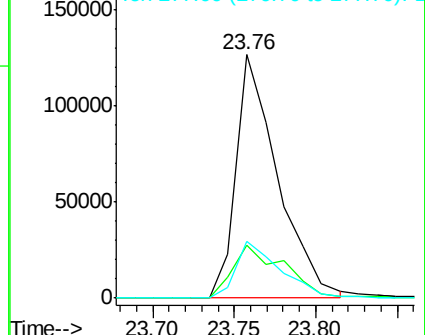
277 24.9 14.8 22.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

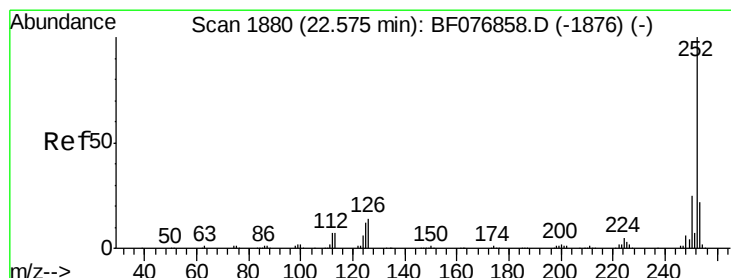
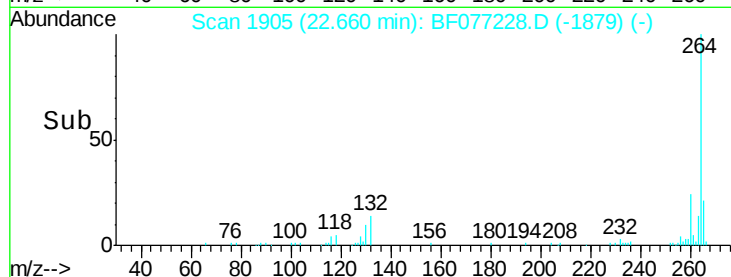
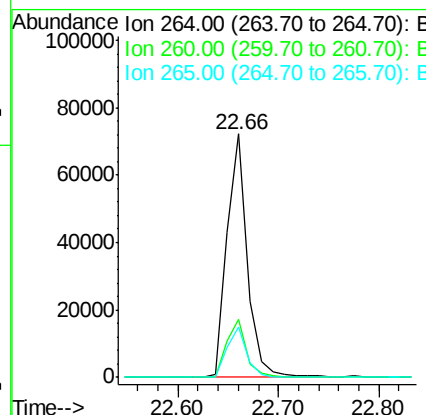
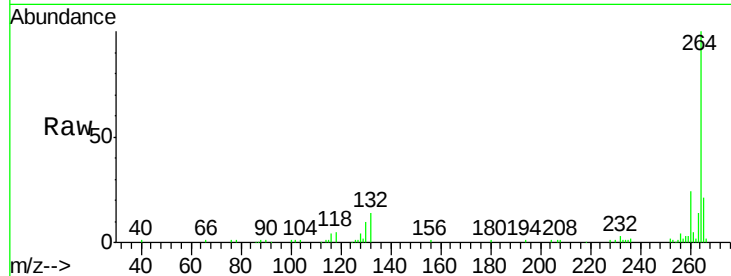




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.66 min Scan# 1905
 Delta R.T. 0.00 min
 Lab File: BF077228.D
 Acq: 9 Feb 2015 17:13

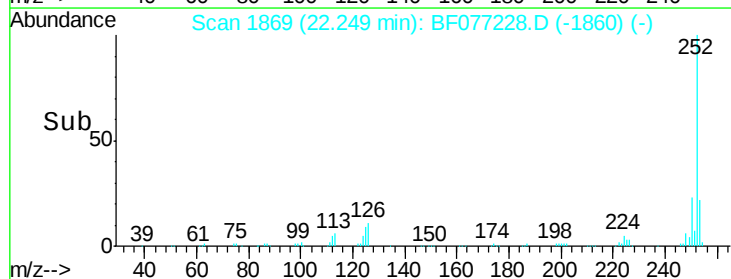
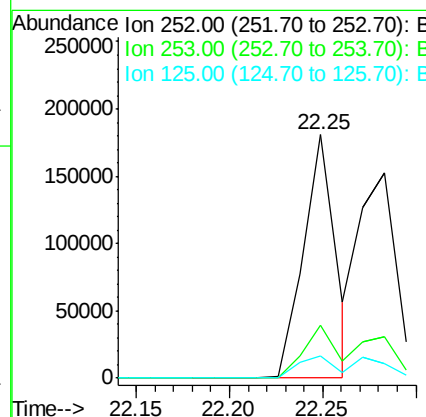
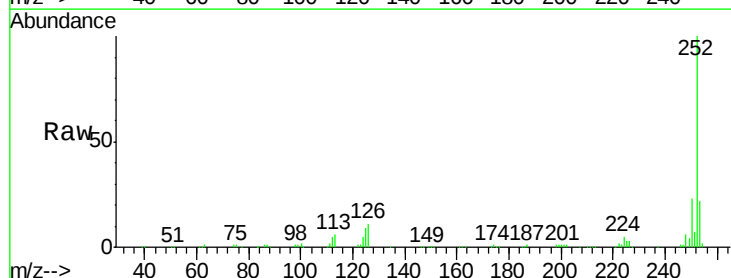
Instrument :
 BNA_F
 ClientSampleID :
 PB81644BS

Tgt Ion: 264 Resp: 100816
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 20.5 18.1 27.1



#87
 Benzo(b)fluoranthene
 Concen: 31.96 ng
 RT: 22.25 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: BF077228.D
 Acq: 9 Feb 2015 17:13

Tgt Ion: 252 Resp: 217027
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.5 26.3
 125 8.9 9.4 14.0#

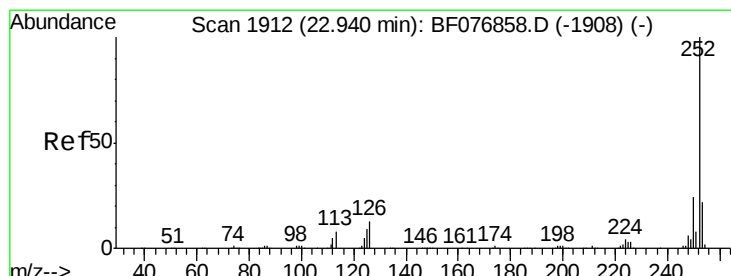
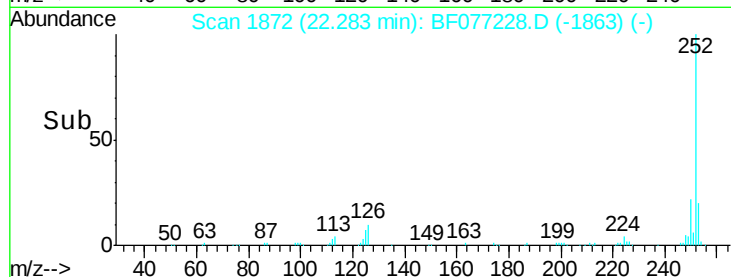
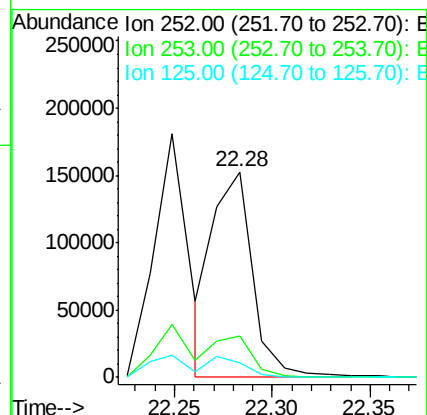
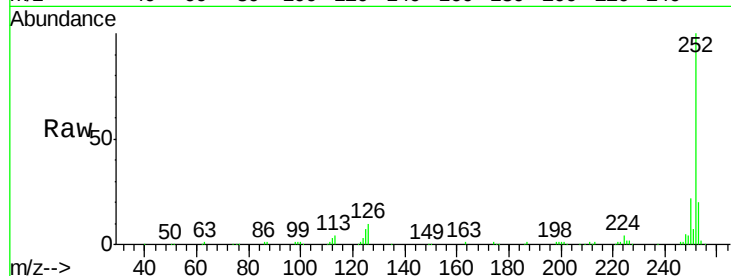




#88
Benzo(k)fluoranthene
Concen: 37.09 ng m
RT: 22.28 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BF077228.D
Acq: 9 Feb 2015 17:13

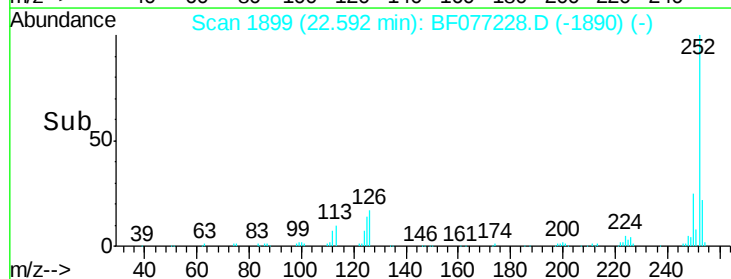
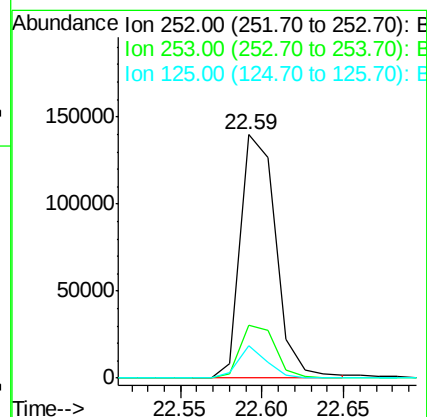
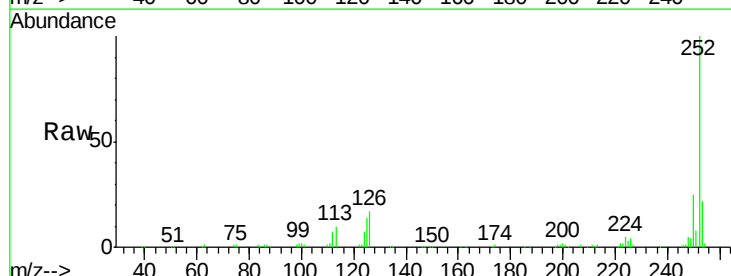
Instrument :
BNA_F
ClientSampleId :
PB81644BS

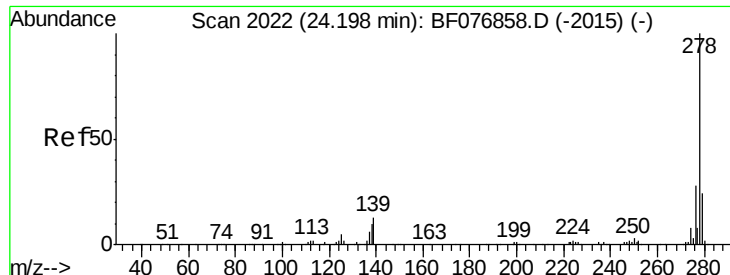
Tgt Ion: 252 Resp: 220017
Ion Ratio Lower Upper
252 100
253 19.9 17.2 25.8
125 7.1 7.1 10.7#



#89
Benzo(a)pyrene
Concen: 35.10 ng
RT: 22.59 min Scan# 1899
Delta R.T. 0.00 min
Lab File: BF077228.D
Acq: 9 Feb 2015 17:13

Tgt Ion: 252 Resp: 210219
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 13.6 7.2 10.8#

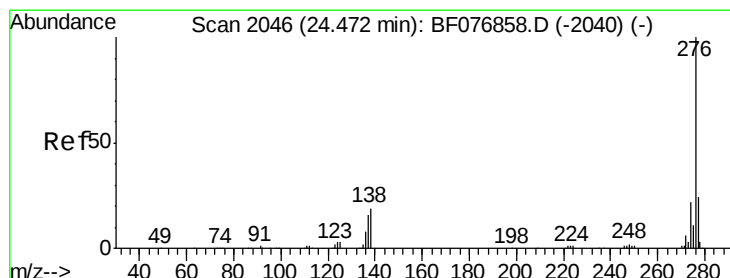
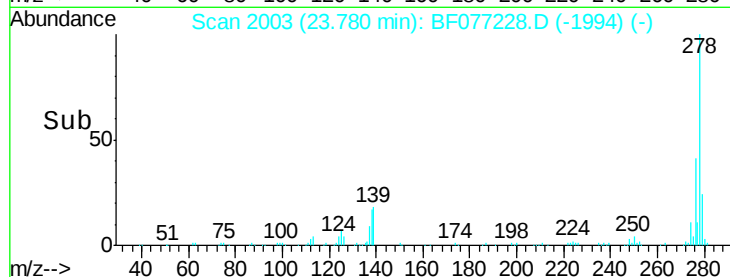
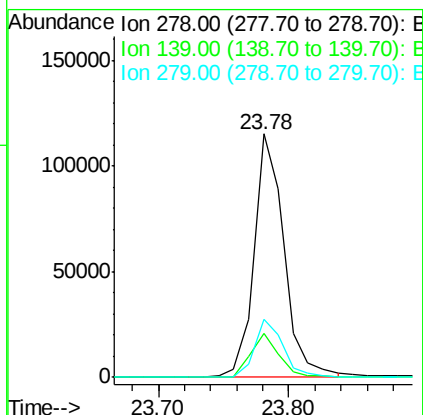
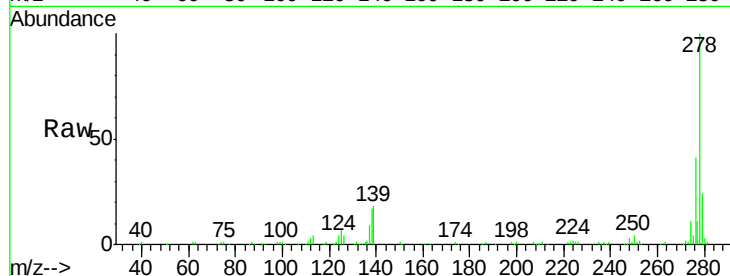




#90
Dibenzo(a,h)anthracene
Concen: 33.67 ng
RT: 23.78 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF077228.D
Acq: 9 Feb 2015 17:13

Instrument :
BNA_F
ClientSampleId :
PB81644BS

Tgt Ion:278 Resp: 185014
Ion Ratio Lower Upper
278 100
139 18.3 10.5 15.7#
279 23.9 19.3 28.9



#91
Benzo(g,h,i)perylene
Concen: 34.30 ng
RT: 24.02 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF077228.D
Acq: 9 Feb 2015 17:13

Tgt Ion:276 Resp: 187418
Ion Ratio Lower Upper
276 100
277 24.3 19.5 29.3
138 21.7 15.0 22.6

