

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
 Data File : BF078077.D
 Acq On : 28 Mar 2015 12:40
 Operator : TP/IZ
 Sample : G1667-12MSD
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-1(1.5-2.0)MSD

Quant Time: Mar 30 00:19:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 30 00:50:20 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	38194	20.00	ng	0.00
21) Naphthalene-d8	8.65	136	159499	20.00	ng	0.00
38) Acenaphthene-d10	10.82	164	77937	20.00	ng	0.00
63) Phenanthrene-d10	12.65	188	152405	20.00	ng	0.00
75) Chrysene-d12	15.93	240	165644	20.00	ng	0.00
86) Perylene-d12	17.65	264	164155	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	202061	92.34	ng	0.00
7) Phenol-d6	6.66	99	250603	92.70	ng	-0.01
23) Nitrobenzene-d5	7.77	82	145376	59.75	ng	-0.01
41) 2,4,6-Tribromophenol	11.80	330	62954	84.42	ng	0.00
44) 2-Fluorobiphenyl	10.00	172	316588	59.70	ng	0.00
78) Terphenyl-d14	14.65	244	380342	56.09	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.95	88	24684	24.85	ng	# 100
3) Pyridine	2.61	79	61560	23.06	ng	98
4) n-Nitrosodimethylamine	2.54	42	27596	23.74	ng	97
6) Aniline	6.66	93	55597	14.38	ng	# 73
8) 2-Chlorophenol	6.81	128	82014	31.49	ng	99
9) Benzaldehyde	6.52	77	3011	2.72	ng	95
10) Phenol	6.68	94	99031	30.99	ng	# 70
11) bis(2-Chloroethyl)ether	6.77	93	75961	31.73	ng	99
12) 1,3-Dichlorobenzene	6.99	146	85507	29.52	ng	# 94
13) 1,4-Dichlorobenzene	7.09	146	87998	29.23	ng	95
14) 1,2-Dichlorobenzene	7.28	146	83878	30.40	ng	95
15) Benzyl Alcohol	7.26	79	61666	29.22	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.45	45	99682	30.90	ng	97
17) 2-Methylphenol	7.42	107	65561	30.92	ng	97
18) Hexachloroethane	7.69	117	28601	28.97	ng	90
19) n-Nitroso-di-n-propylamine	7.60	70	54570	29.18	ng	99
20) 3+4-Methylphenols	7.62	107	84026	30.20	ng	93
22) Acetophenone	7.58	105	110730	31.36	ng	# 97
24) Nitrobenzene	7.79	77	76938	29.35	ng	95
25) Isophorone	8.09	82	143471	29.20	ng	# 89
26) 2-Nitrophenol	8.19	139	38043	29.64	ng	97
27) 2,4-Dimethylphenol	8.27	122	67414	28.83	ng	98
28) bis(2-Chloroethoxy)methane	8.38	93	91290	30.61	ng	99
29) 2,4-Dichlorophenol	8.50	162	65318	29.31	ng	95
30) 1,2,4-Trichlorobenzene	8.58	180	69455	27.85	ng	93
31) Naphthalene	8.67	128	231904	28.31	ng	99
32) Benzoic acid	8.36	122	21777	18.71	ng	99
33) 4-Chloroaniline	8.76	127	51045	15.35	ng	97
34) Hexachlorobutadiene	8.83	225	38892	27.52	ng	96
35) Caprolactam	9.17	113	19044	29.24	ng	97
36) 4-Chloro-3-methylphenol	9.38	107	69637	31.06	ng	86
37) 2-Methylnaphthalene	9.54	142	166304	30.22	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.74	216	67331	28.96	ng	# 100
40) Hexachlorocyclopentadiene	9.72	237	52815	46.76	ng	99

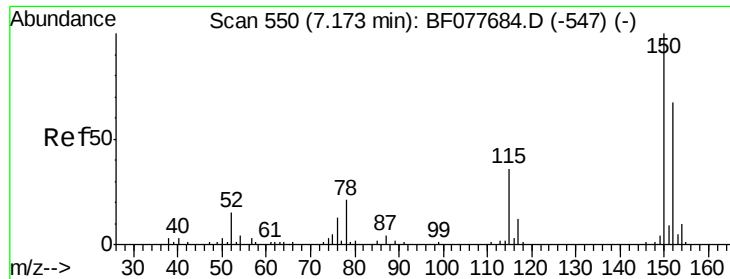
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
 Data File : BF078077.D
 Acq On : 28 Mar 2015 12:40
 Operator : TP/IZ
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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 30 00:50:20 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.89	196	48214	29.94	ng	98
43) 2,4,5-Trichlorophenol	9.95	196	48171	27.69	ng	96
45) 1,1'-Biphenyl	10.12	154	187573	30.11	ng	98
46) 2-Chloronaphthalene	10.13	162	152386	30.10	ng	94
47) 2-Nitroaniline	10.27	65	37835	30.09	ng	90
48) Acenaphthylene	10.64	152	239901	28.49	ng	99
49) Dimethylphthalate	10.51	163	186520	32.27	ng	99
50) 2,6-Dinitrotoluene	10.58	165	36756	30.68	ng	99
51) Acenaphthene	10.85	154	139907	28.98	ng	98
52) 3-Nitroaniline	10.78	138	31822	22.87	ng	91
53) 2,4-Dinitrophenol	10.92	184	17346	43.49	ng	# 71
54) Dibenzofuran	11.07	168	218510	30.52	ng	95
55) 4-Nitrophenol	11.02	139	56648	54.95	ng	94
56) 2,4-Dinitrotoluene	11.07	165	49555	31.72	ng	# 86
57) Fluorene	11.49	166	180926	30.43	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.23	232	37685	28.13	ng	# 100
59) Diethylphthalate	11.38	149	165695	29.42	ng	95
60) 4-Chlorophenyl-phenylether	11.50	204	77269	28.48	ng	# 86
61) 4-Nitroaniline	11.54	138	40182	28.97	ng	92
62) Azobenzene	11.70	77	159172	29.57	ng	93
64) 4,6-Dinitro-2-methylphenol	11.57	198	16997	25.80	ng	95
65) n-Nitrosodiphenylamine	11.65	169	143290	28.24	ng	100
66) 4-Bromophenyl-phenylether	12.11	248	46875	28.82	ng	# 89
67) Hexachlorobenzene	12.17	284	50263	28.12	ng	96
68) Atrazine	12.34	200	47603	33.47	ng	100
69) Pentachlorophenol	12.42	266	40195	44.37	ng	95
70) Phenanthrene	12.68	178	387872	44.33	ng	99
71) Anthracene	12.74	178	270790	31.33	ng	100
72) Carbazole	12.96	167	257178	31.28	ng	99
73) Di-n-butylphthalate	13.41	149	276434	29.98	ng	99
74) Fluoranthene	14.16	202	494714	51.26	ng	100
76) Benzidine	14.34	184	104891	25.42	ng	99
77) Pyrene	14.43	202	480511	46.13	ng	99
79) Butylbenzylphthalate	15.27	149	122777	29.90	ng	89
80) Benzo(a)anthracene	15.92	228	380347	38.74	ng	99
81) 3,3'-Dichlorobenzidine	15.91	252	76766	23.70	ng	# 98
82) Chrysene	15.96	228	355777	40.30	ng	99
83) Bis(2-ethylhexyl)phthalate	15.99	149	181531	29.18	ng	# 95
84) Di-n-octyl phthalate	16.77	149	318058	29.90	ng	99
85) Indeno(1,2,3-cd)pyrene	18.99	276	370516	33.62	ng	# 100
87) Benzo(b)fluoranthene	17.21	252	702039	65.51	ng	99
88) Benzo(k)fluoranthene	17.21	252	708541	84.65	ng	96
89) Benzo(a)pyrene	17.59	252	346743	38.78	ng	# 96
90) Dibenzo(a,h)anthracene	19.03	278	264820	29.86	ng	99
91) Benzo(g,h,i)perylene	19.39	276	322656	35.74	ng	98

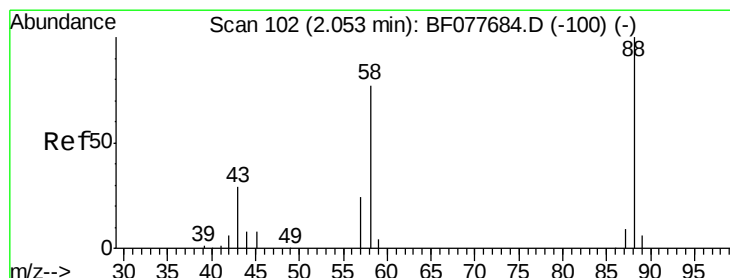
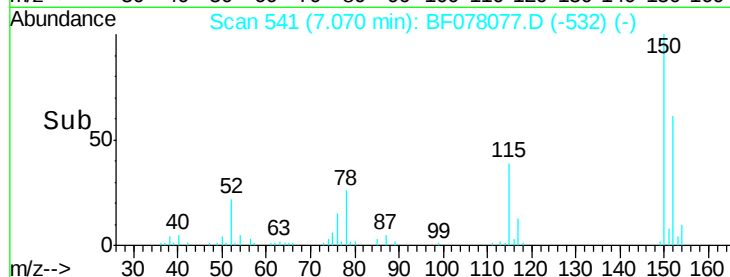
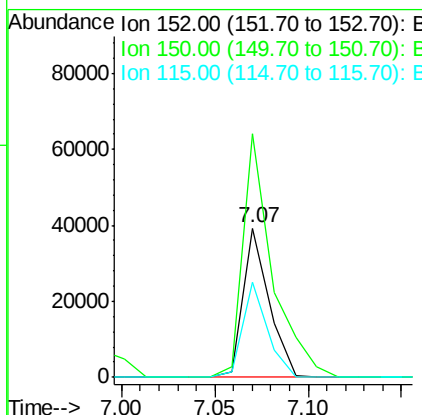
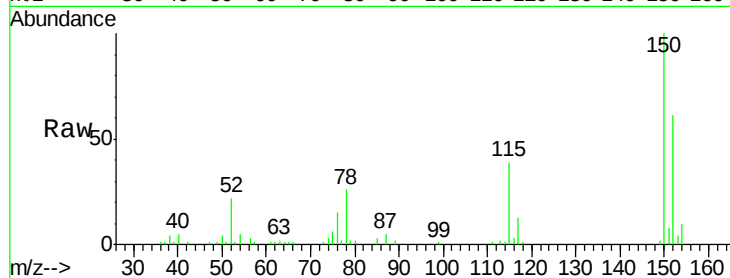
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.07 min Scan# 541
 Delta R.T. -0.00 min
 Lab File: BF078077.D
 Acq: 28 Mar 2015 12:40

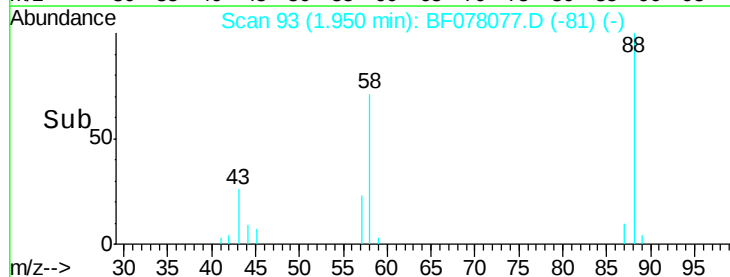
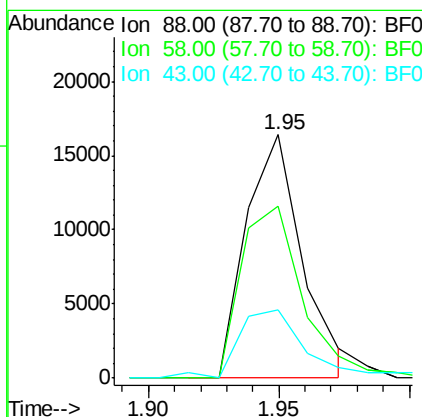
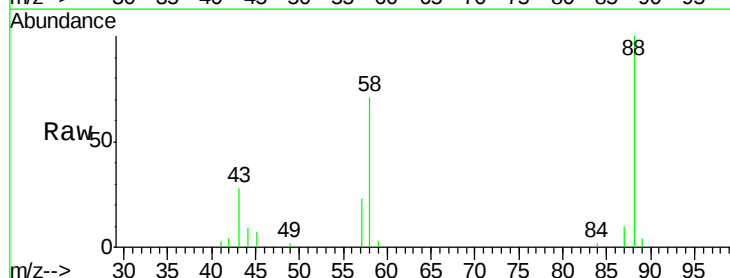
Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-1(1.5-2.0)MSD

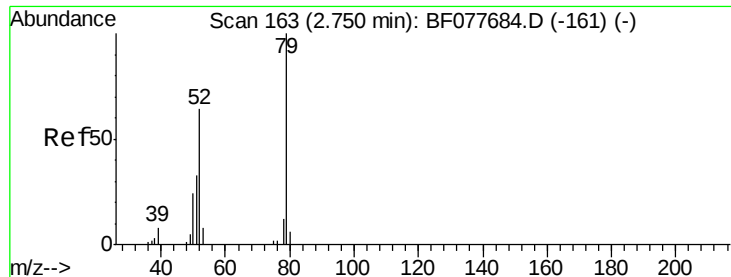
Tgt Ion:152 Resp: 38194
 Ion Ratio Lower Upper
 152 100
 150 162.9 119.5 179.3
 115 63.8 43.0 64.4



#2
 1,4-Dioxane
 Concen: 24.85 ng
 RT: 1.95 min Scan# 93
 Delta R.T. 0.03 min
 Lab File: BF078077.D
 Acq: 28 Mar 2015 12:40

Tgt Ion: 88 Resp: 24684
 Ion Ratio Lower Upper
 88 100
 58 75.8 0.0 0.0#
 43 32.0 0.0 0.0#





#3

Pyridine

Concen: 23.06 ng

RT: 2.61 min Scan# 151

Delta R.T. 0.05 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

Instrument :

BNA_F

ClientSampleId :

REC-7-1-1(1.5-2.0)MSD

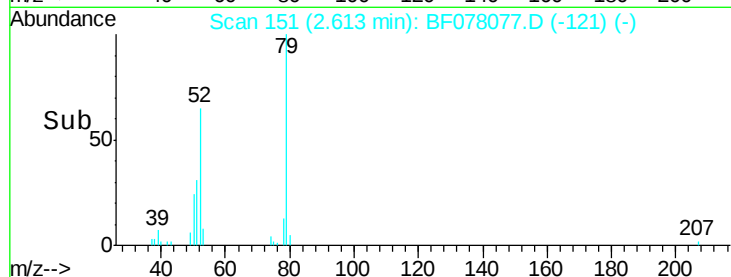
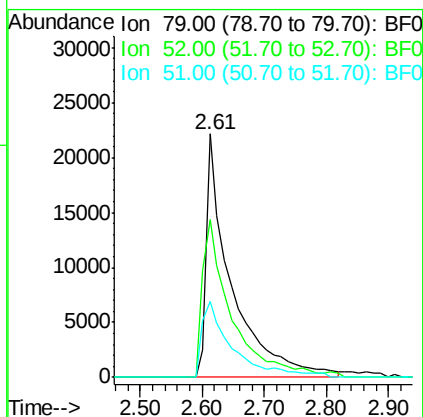
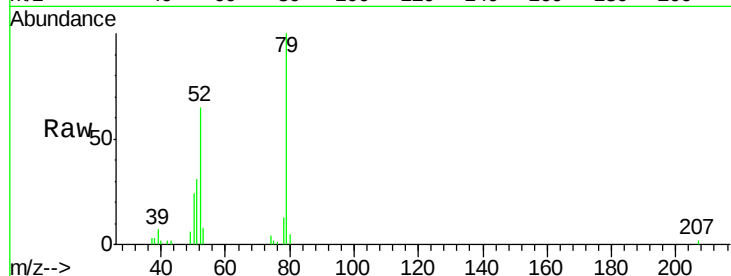
Tgt Ion: 79 Resp: 61560

Ion Ratio Lower Upper

79 100

52 64.7 51.1 76.7

51 31.1 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 23.74 ng

RT: 2.54 min Scan# 145

Delta R.T. 0.02 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

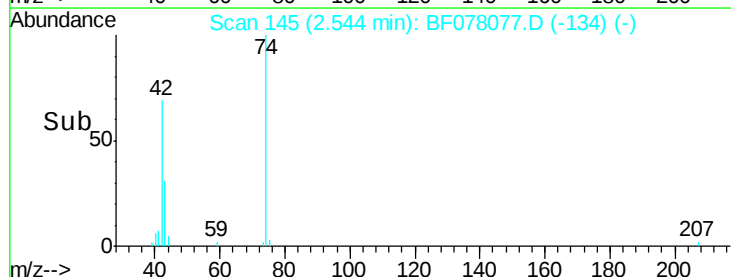
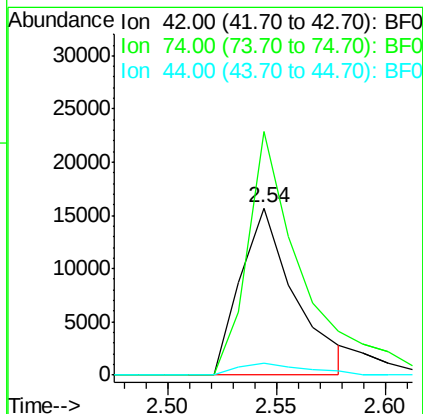
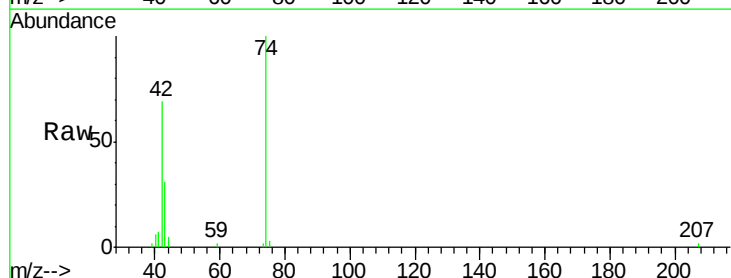
Tgt Ion: 42 Resp: 27596

Ion Ratio Lower Upper

42 100

74 145.7 119.3 178.9

44 7.0 5.4 8.2





#5

2-Fluorophenol

Concen: 92.34 ng

RT: 5.37 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

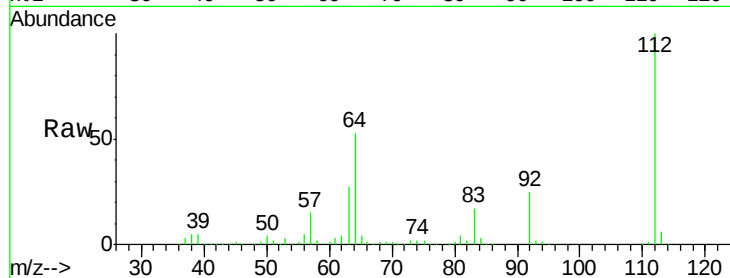
Instrument :

BNA_F

ClientSampleId :

REC-7-1-1(1.5-2.0)MSD

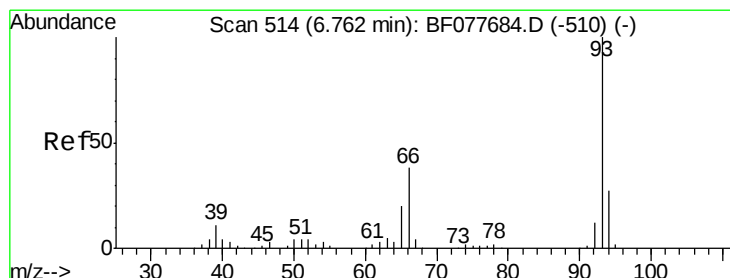
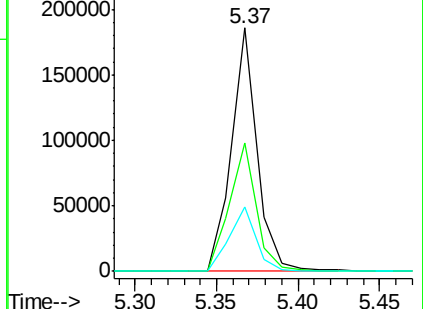
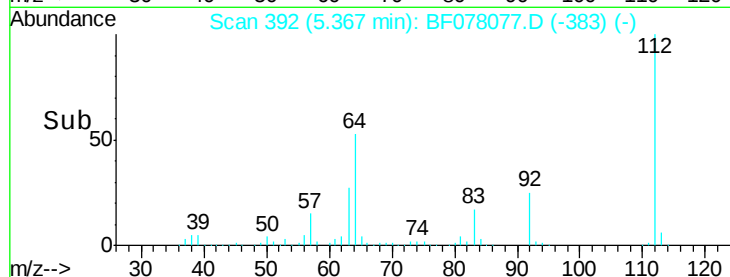
Tgt Ion:	112	Resp:	202061
Ion	Ratio	Lower	Upper
112	100		
64	53.0	38.6	57.8
63	26.7	19.3	28.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 14.38 ng

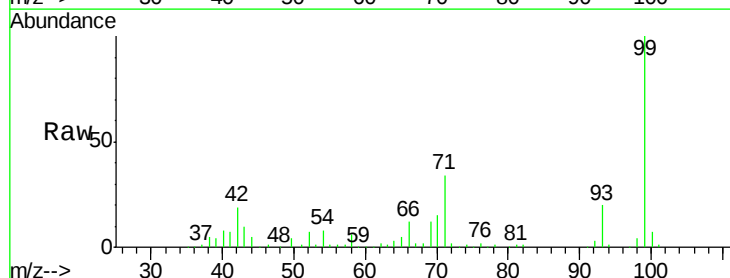
RT: 6.66 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

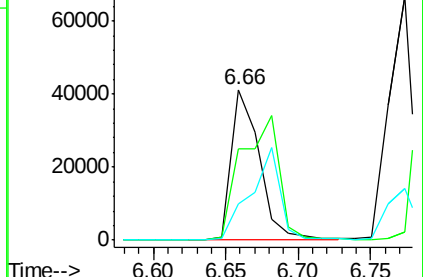
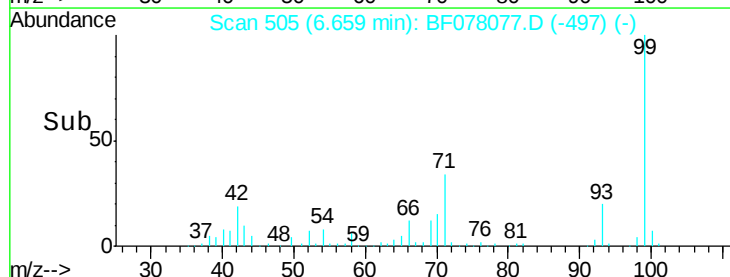
Tgt Ion:	93	Resp:	55597
Ion	Ratio	Lower	Upper
93	100		
66	60.8	30.8	46.2#
65	24.5	16.0	24.0#

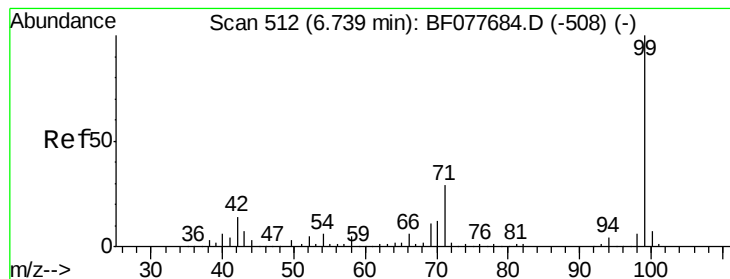


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 92.70 ng

RT: 6.66 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

Instrument :

BNA_F

ClientSampleId :

REC-7-1-1(1.5-2.0)MSD

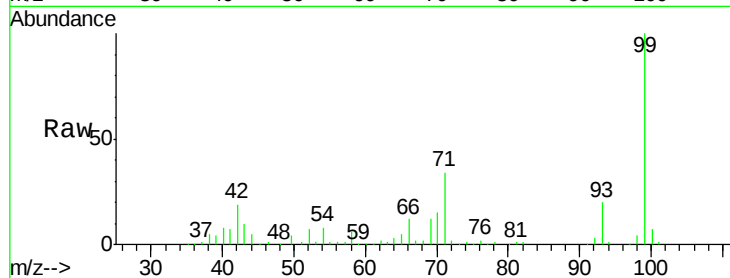
Tgt Ion: 99 Resp: 250603

Ion Ratio Lower Upper

99 100

42 19.1 11.0 16.4#

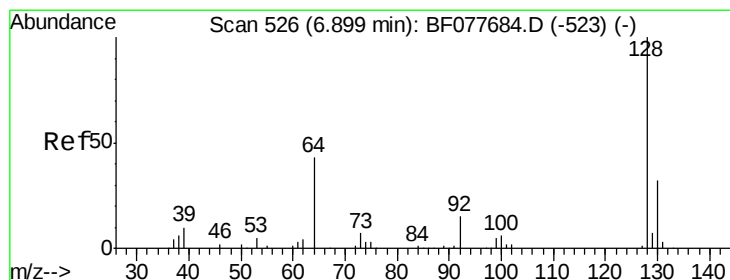
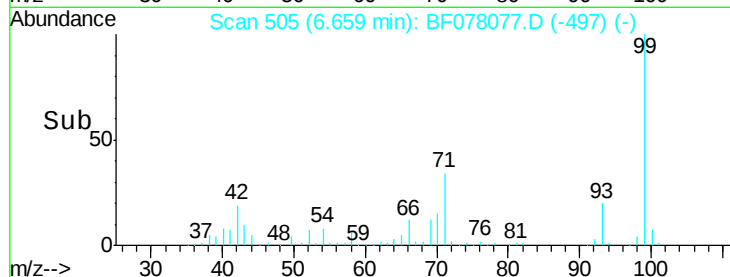
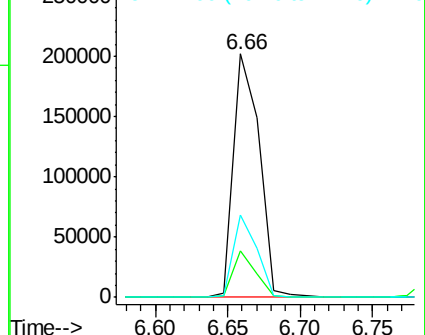
71 33.7 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 31.49 ng

RT: 6.81 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

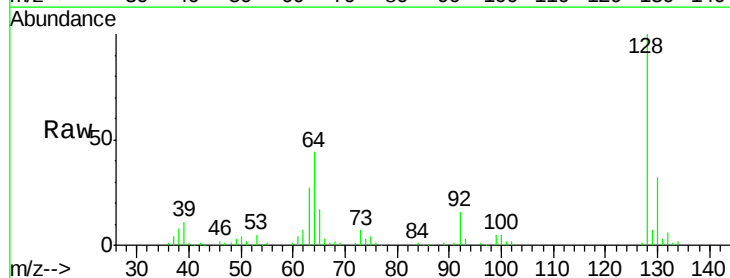
Tgt Ion: 128 Resp: 82014

Ion Ratio Lower Upper

128 100

130 32.1 12.0 52.0

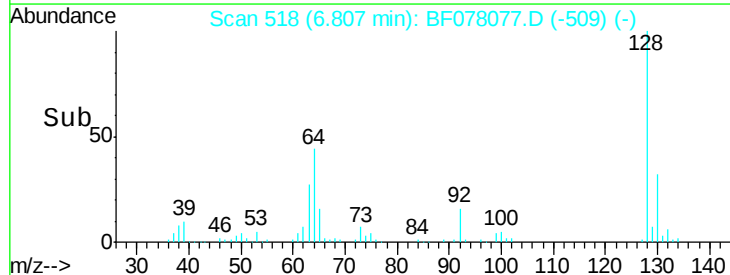
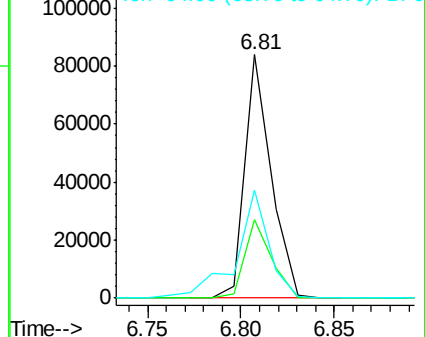
64 44.3 24.9 64.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.72 ng

RT: 6.52 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

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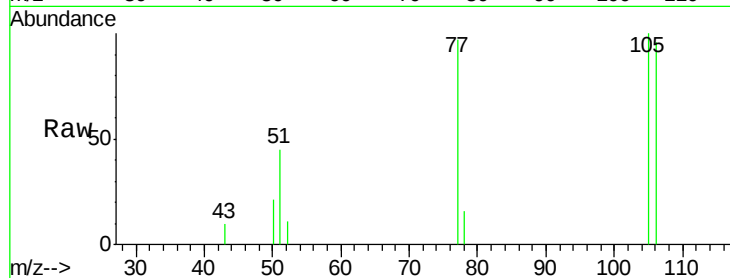
Tgt Ion: 77 Resp: 3011

Ion Ratio Lower Upper

77 100

105 102.9 78.8 118.8

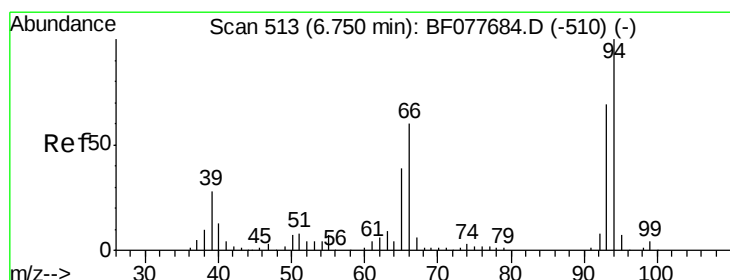
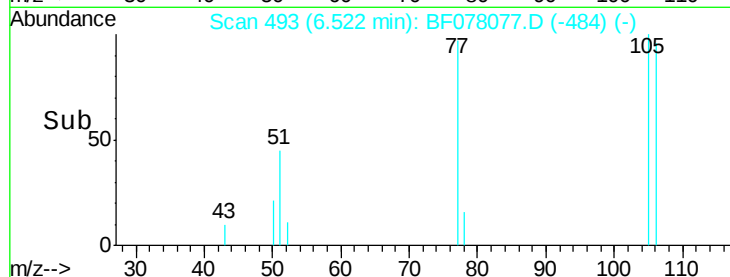
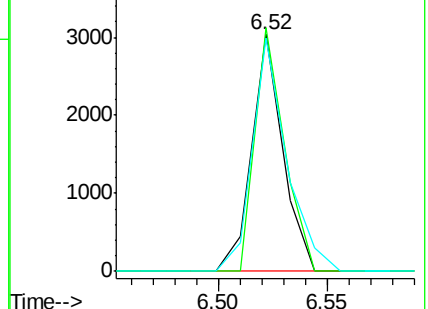
106 98.6 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 30.99 ng

RT: 6.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

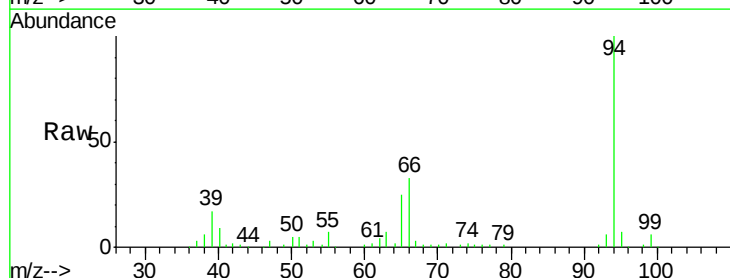
Tgt Ion: 94 Resp: 99031

Ion Ratio Lower Upper

94 100

65 24.8 18.8 58.8

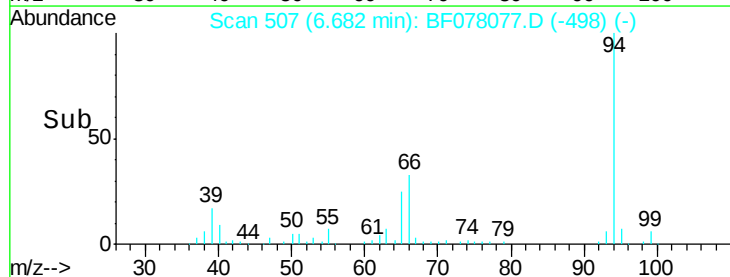
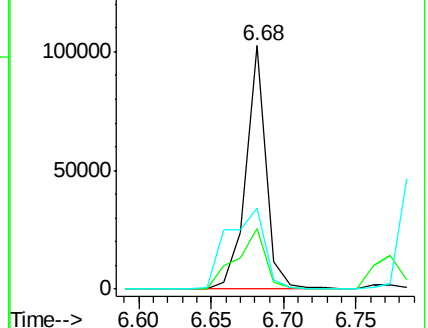
66 33.4 39.9 79.9#

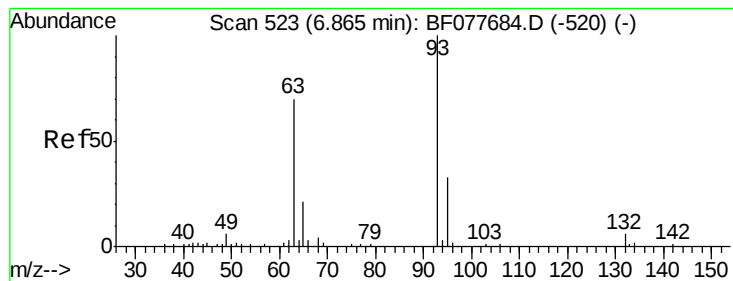


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

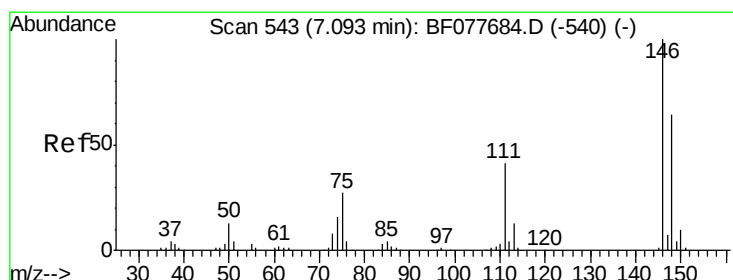
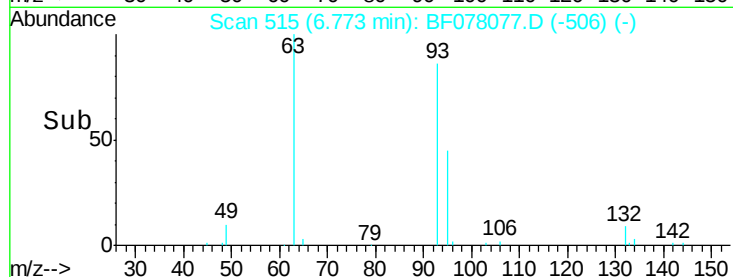
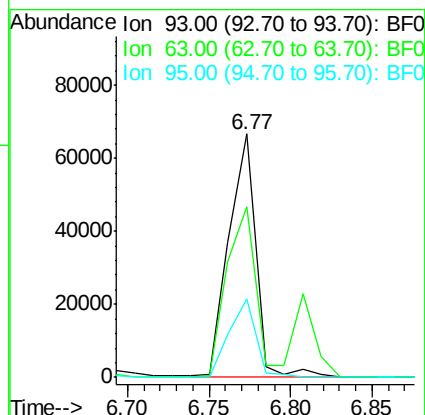
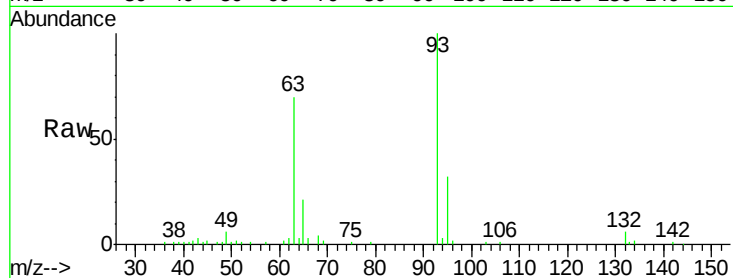




#11
bis(2-Chloroethyl)ether
Concen: 31.73 ng
RT: 6.77 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

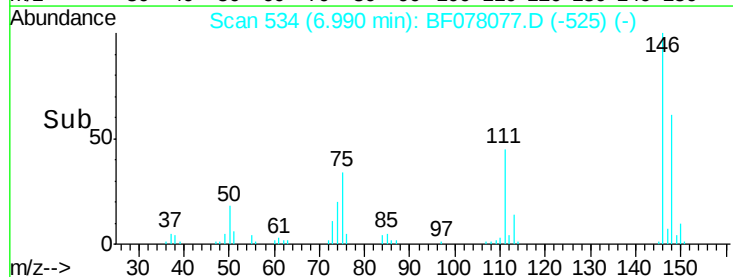
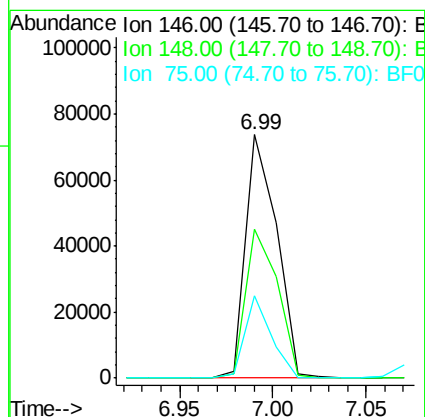
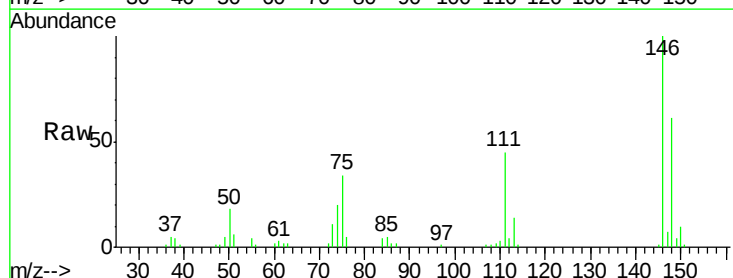
Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

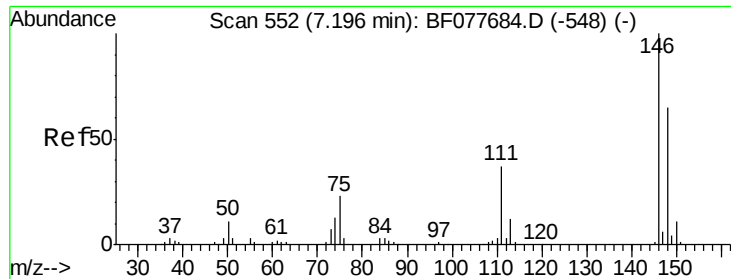
Tgt Ion: 93 Resp: 75961
Ion Ratio Lower Upper
93 100
63 70.0 49.5 89.5
95 32.2 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 29.52 ng
RT: 6.99 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion: 146 Resp: 85507
Ion Ratio Lower Upper
146 100
148 61.0 50.9 76.3
75 33.9 21.4 32.2#

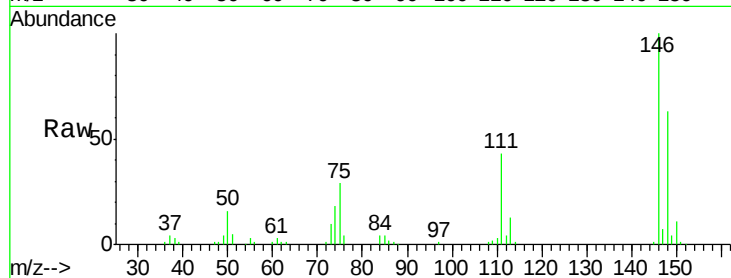




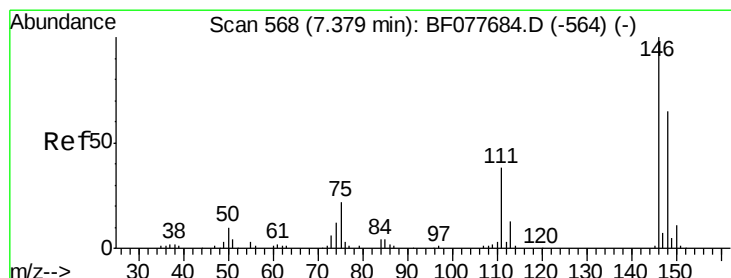
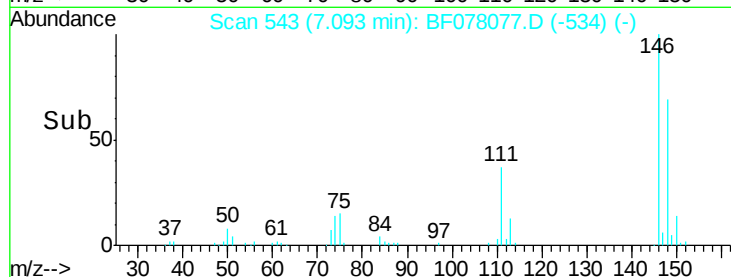
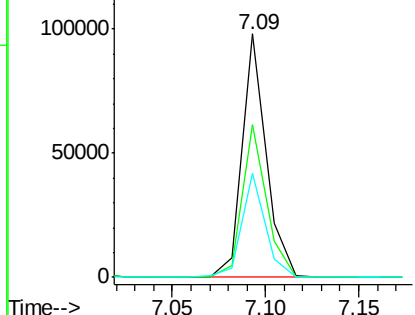
#13
 1,4-Dichlorobenzene
 Concen: 29.23 ng
 RT: 7.09 min Scan# 543
 Delta R.T. -0.00 min
 Lab File: BF078077.D
 Acq: 28 Mar 2015 12:40

Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-1(1.5-2.0)MSD

Tgt Ion:146 Resp: 87998
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.9 77.9
 111 42.8 29.2 43.8

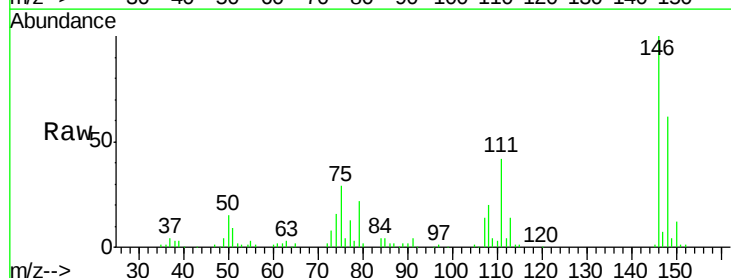


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

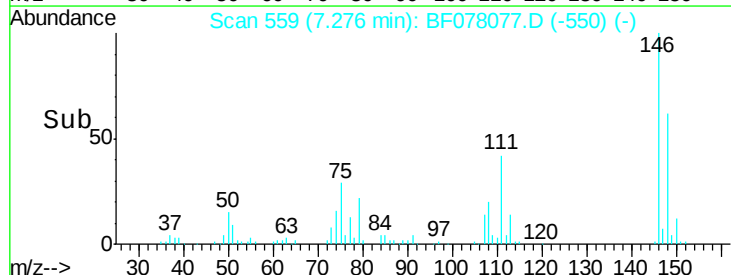
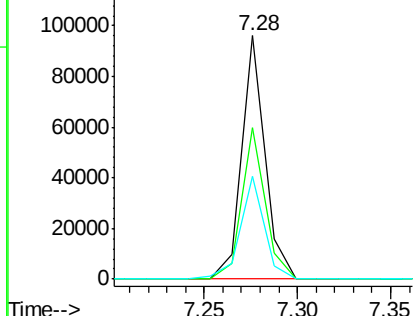


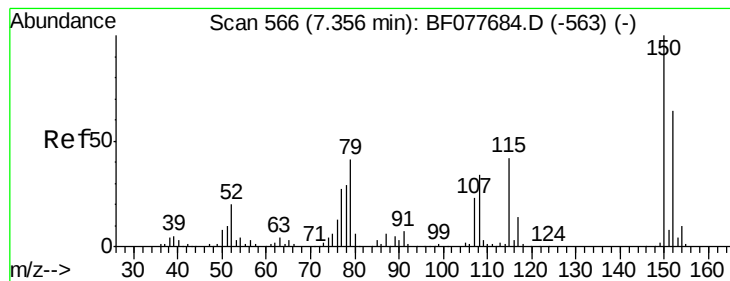
#14
 1,2-Dichlorobenzene
 Concen: 30.40 ng
 RT: 7.28 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: BF078077.D
 Acq: 28 Mar 2015 12:40

Tgt Ion:146 Resp: 83878
 Ion Ratio Lower Upper
 146 100
 148 62.3 52.3 78.5
 111 42.2 30.6 45.8



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





#15

Benzyl Alcohol

Concen: 29.22 ng

RT: 7.26 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

Instrument :

BNA_F

ClientSampleId :

REC-7-1-1(1.5-2.0)MSD

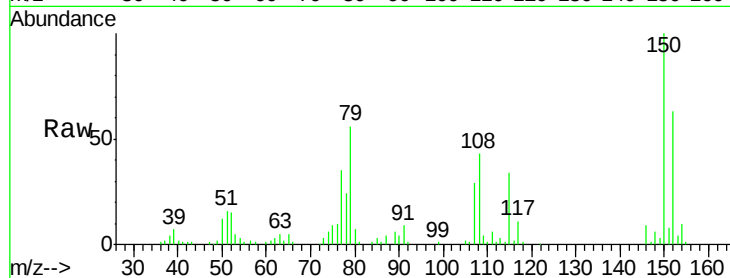
Tgt Ion: 79 Resp: 61666

Ion Ratio Lower Upper

79 100

108 77.0 65.0 97.4

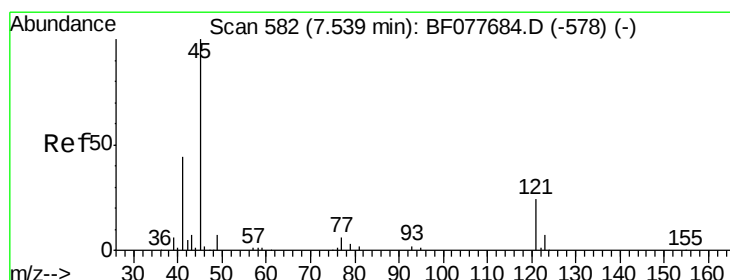
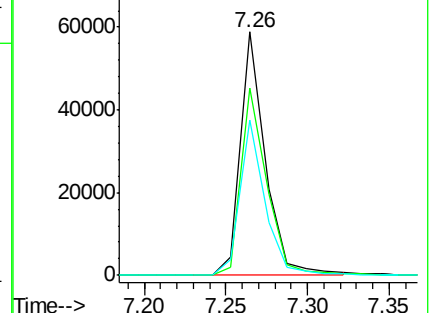
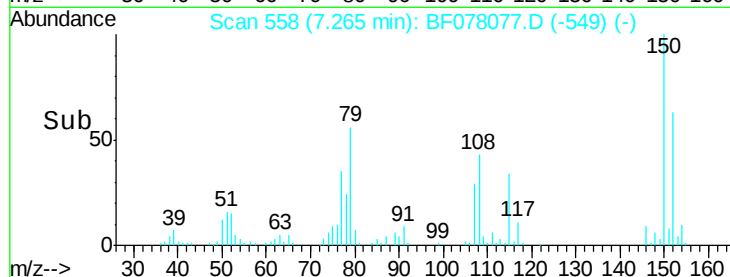
77 63.9 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.90 ng

RT: 7.45 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

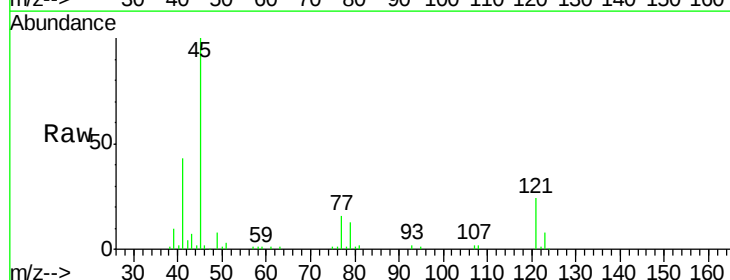
Tgt Ion: 45 Resp: 99682

Ion Ratio Lower Upper

45 100

77 16.1 0.0 35.2

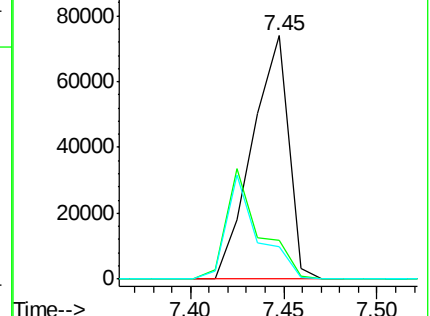
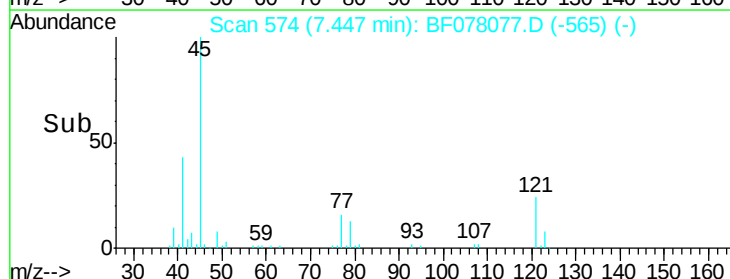
79 13.2 0.0 32.0

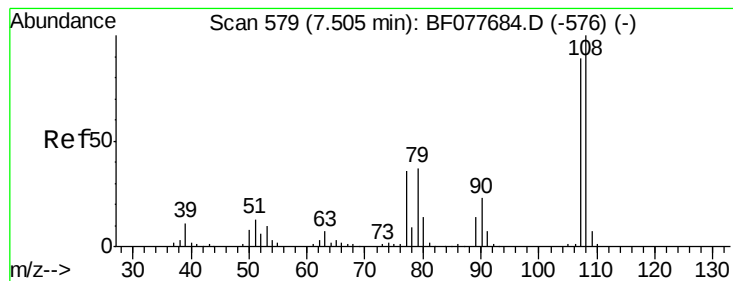


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 30.92 ng

RT: 7.42 min Scan# 572

Delta R.T. -0.00 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

Instrument :

BNA_F

ClientSampleId :

REC-7-1-1(1.5-2.0)MSD

Tgt Ion:107 Resp: 65561

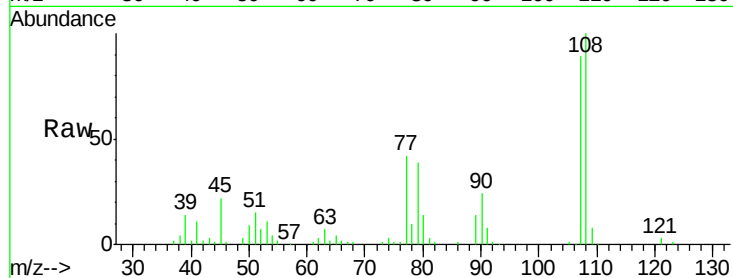
Ion Ratio Lower Upper

107 100

108 112.3 89.8 134.8

77 46.9 32.6 48.8

79 44.0 32.8 49.2

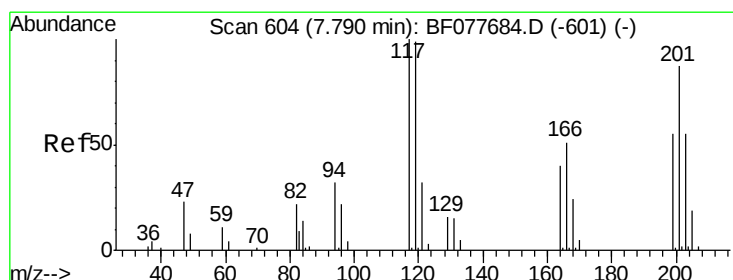
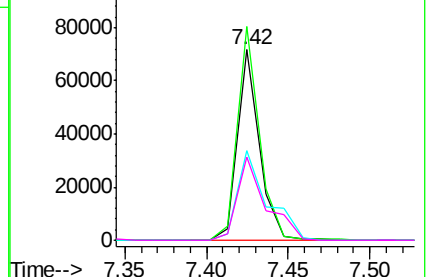
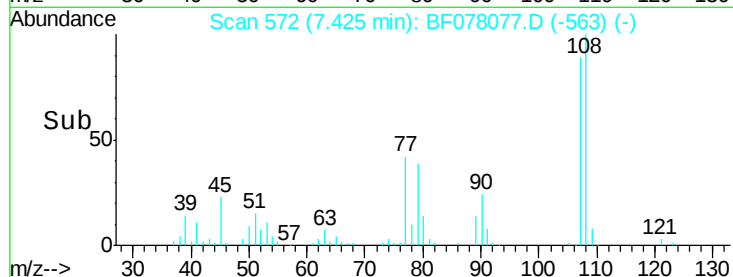


Abundance Ion 107.00 (106.70 to 107.70): E

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: 28.97 ng

RT: 7.69 min Scan# 595

Delta R.T. -0.00 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

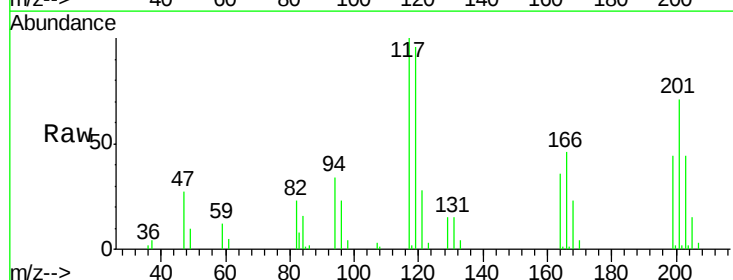
Tgt Ion:117 Resp: 28601

Ion Ratio Lower Upper

117 100

119 96.3 79.2 118.8

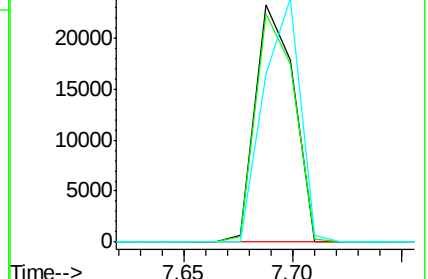
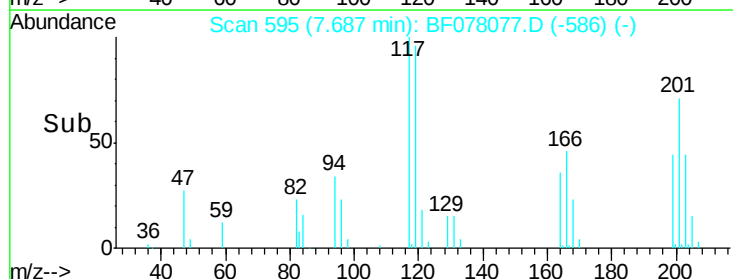
201 71.0 69.8 104.6

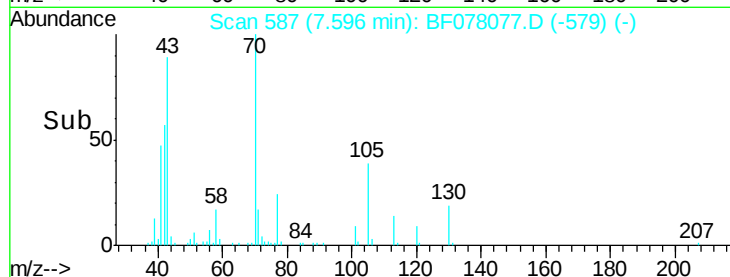
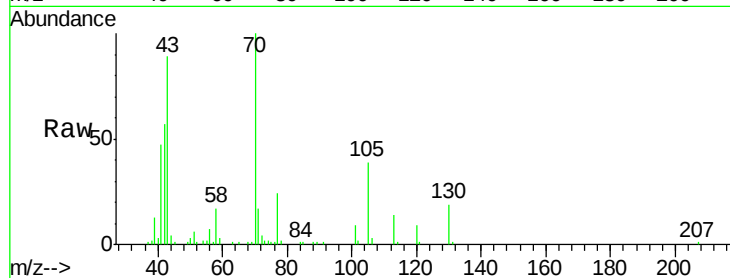
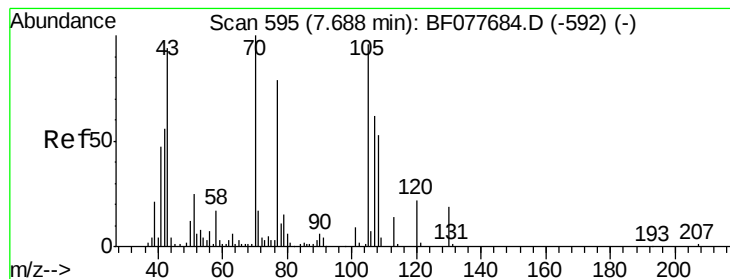


Abundance Ion 117.00 (116.70 to 117.70): E

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: 29.18 ng

RT: 7.60 min Scan# 587

Delta R.T. -0.01 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

Instrument :

BNA_F

ClientSampleId :

REC-7-1-1(1.5-2.0)MSD

Tgt Ion: 70 Resp: 54570

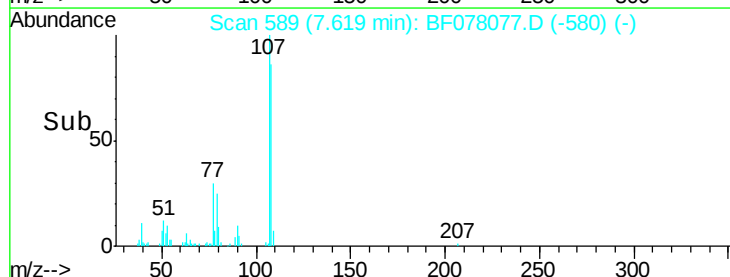
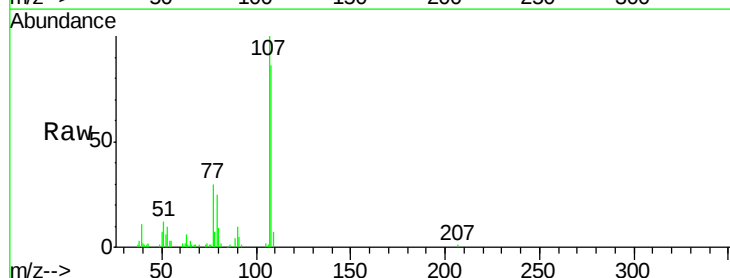
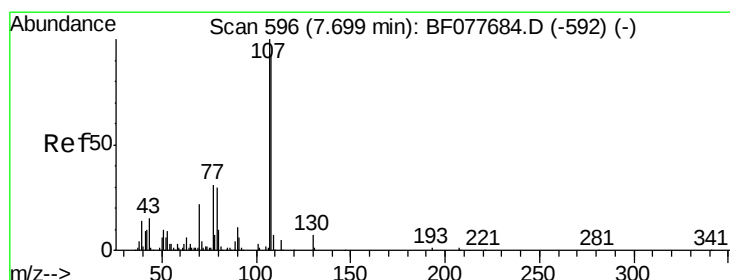
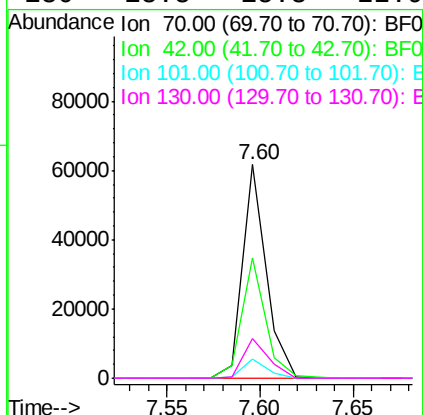
Ion Ratio Lower Upper

70 100

42 56.6 44.5 66.7

101 9.2 7.4 11.2

130 18.8 15.3 22.9



#20

3+4-Methylphenols

Concen: 30.20 ng

RT: 7.62 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

Tgt Ion: 107 Resp: 84026

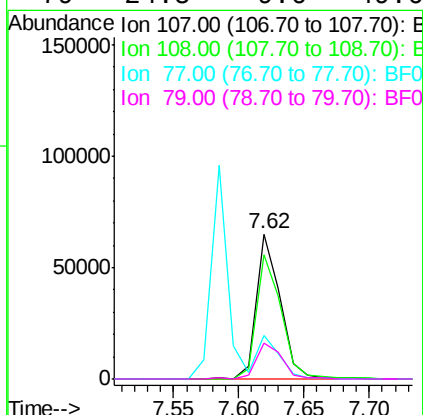
Ion Ratio Lower Upper

107 100

108 85.6 73.2 113.2

77 30.1 10.7 50.7

79 24.5 9.6 49.6

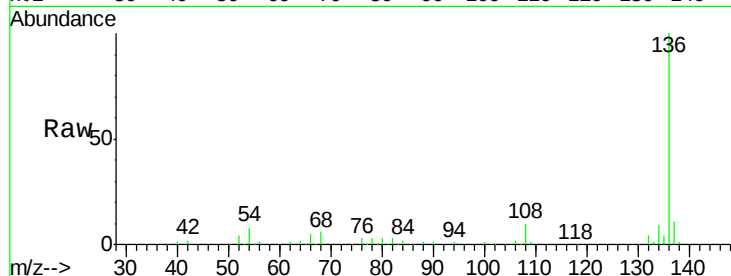




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.65 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

Tgt Ion:	136	Resp:	159499
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	8.0	4.6	6.8#
68	6.1	3.7	5.5#



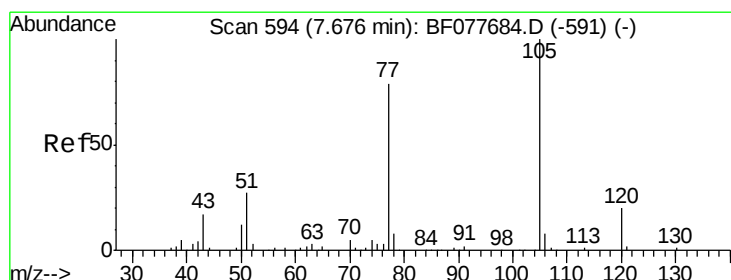
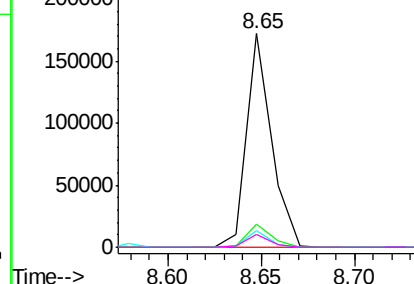
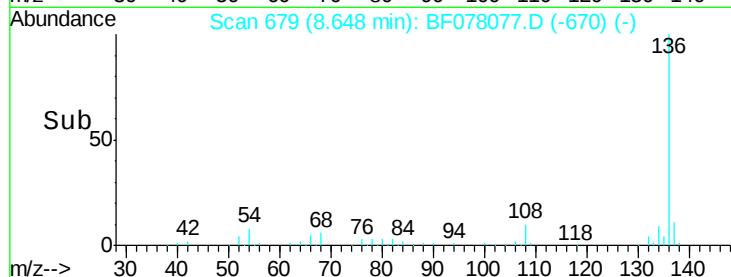
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

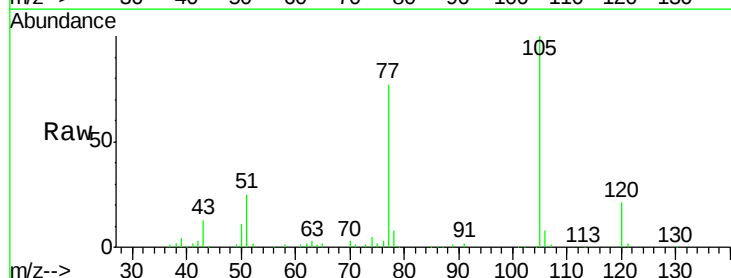
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 31.36 ng
RT: 7.58 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:	105	Resp:	110730
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.6	1.0#
51	24.6	21.6	32.4
120	20.8	16.1	24.1



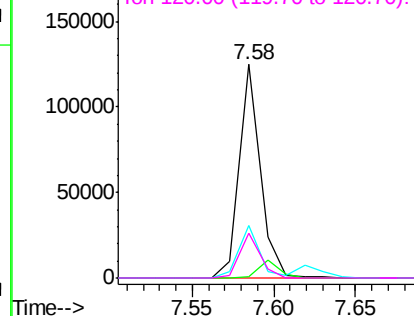
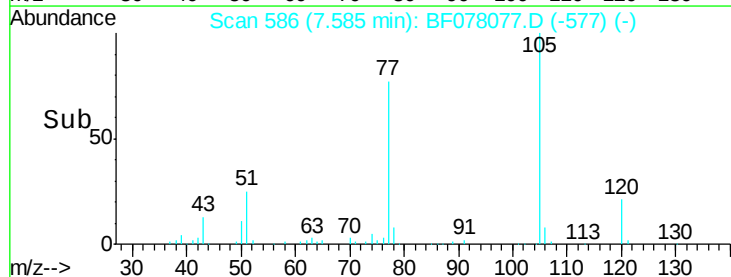
Abundance

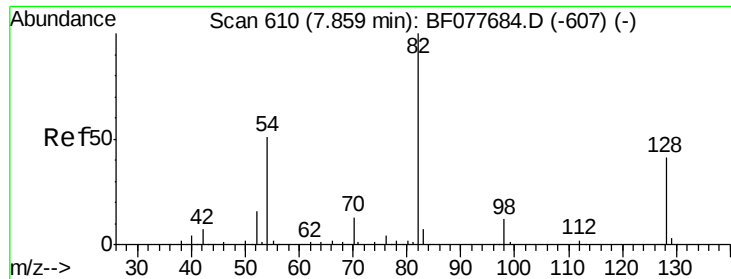
Ion 105.00 (104.70 to 105.70): E

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

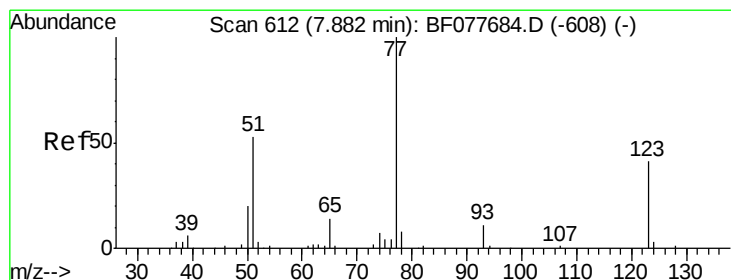
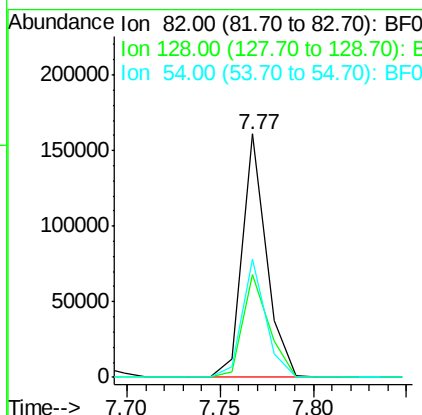
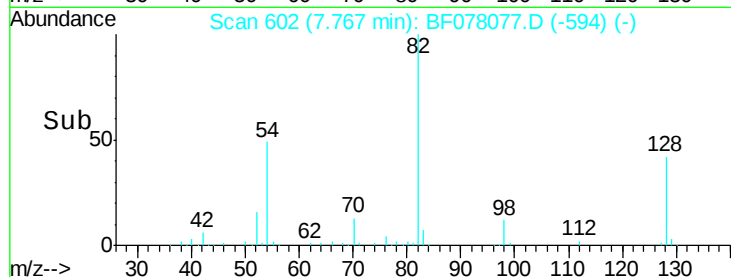
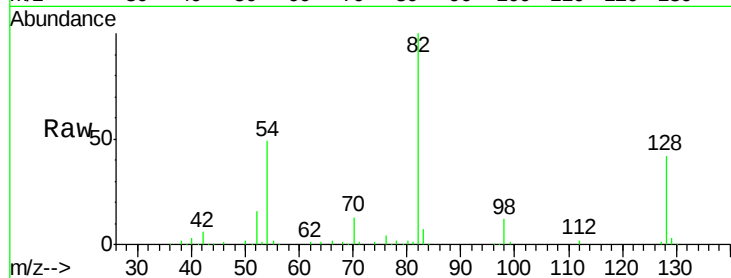




#23
Nitrobenzene-d5
Concen: 59.75 ng
RT: 7.77 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

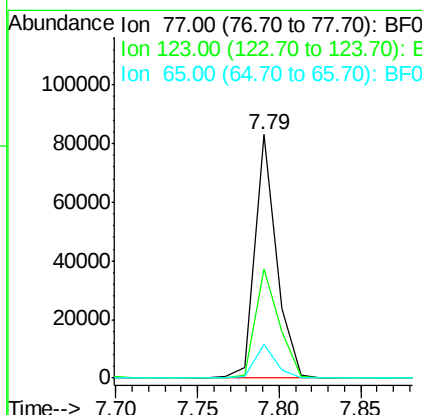
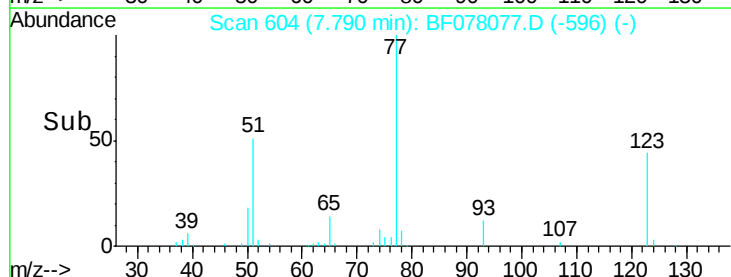
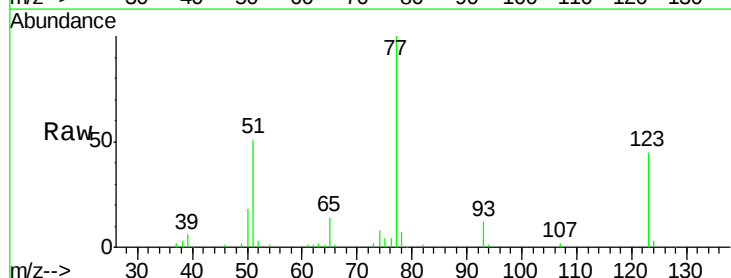
Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

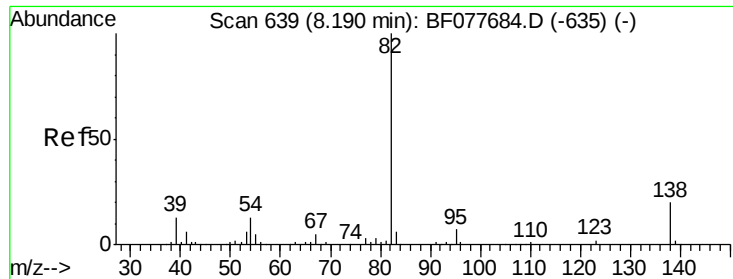
Tgt Ion: 82 Resp: 145376
Ion Ratio Lower Upper
82 100
128 42.2 32.8 49.2
54 48.8 40.6 60.8



#24
Nitrobenzene
Concen: 29.35 ng
RT: 7.79 min Scan# 604
Delta R.T. -0.01 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion: 77 Resp: 76938
Ion Ratio Lower Upper
77 100
123 45.1 32.6 49.0
65 13.6 10.9 16.3





#25

Isophorone

Concen: 29.20 ng

RT: 8.09 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

Instrument :

BNA_F

ClientSampleId :

REC-7-1-1(1.5-2.0)MSD

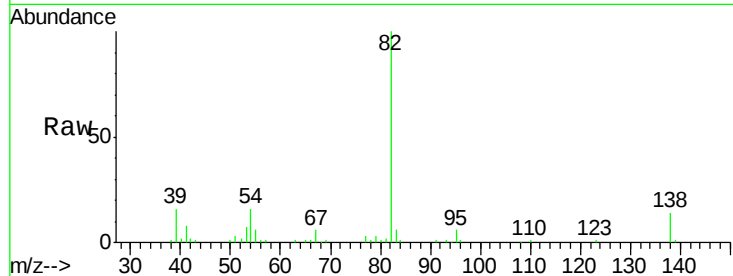
Tgt Ion: 82 Resp: 143471

Ion Ratio Lower Upper

82 100

95 6.4 5.8 8.6

138 14.0 16.3 24.5#

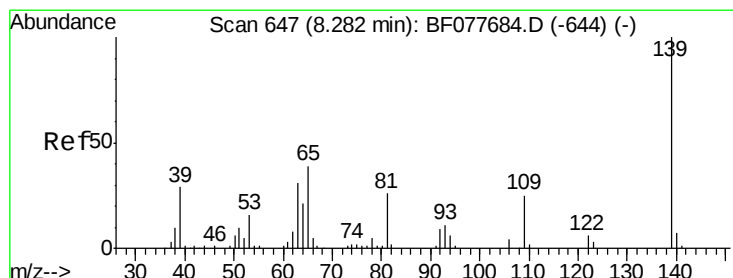
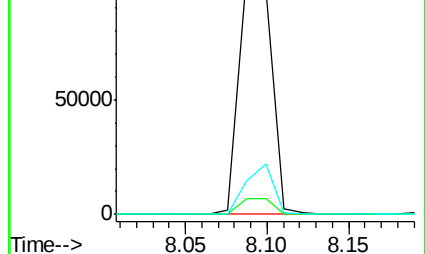
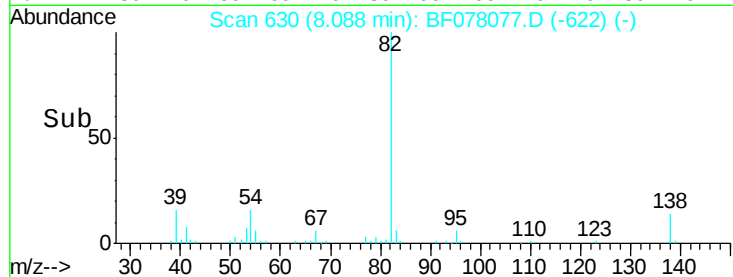


Abundance Ion 82.00 (81.70 to 82.70): BF077684.D (-635) (-)

Ion 95.00 (94.70 to 95.70): BF077684.D (-635) (-)

Ion 138.00 (137.70 to 138.70): BF077684.D (-635) (-)

Time-->



#26

2-Nitrophenol

Concen: 29.64 ng

RT: 8.19 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

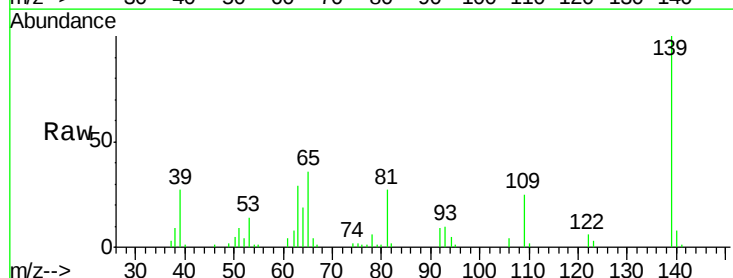
Tgt Ion: 139 Resp: 38043

Ion Ratio Lower Upper

139 100

109 24.6 20.1 30.1

65 36.3 31.5 47.3

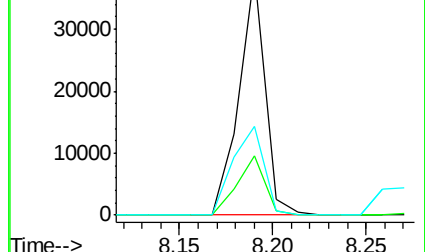
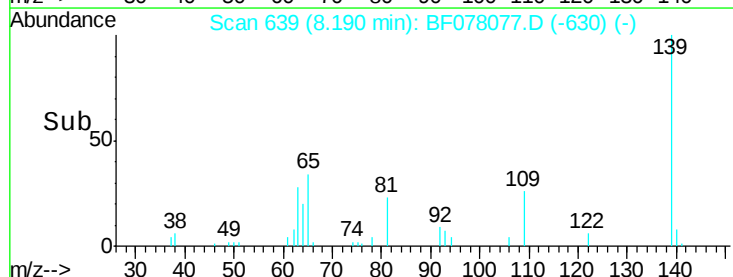


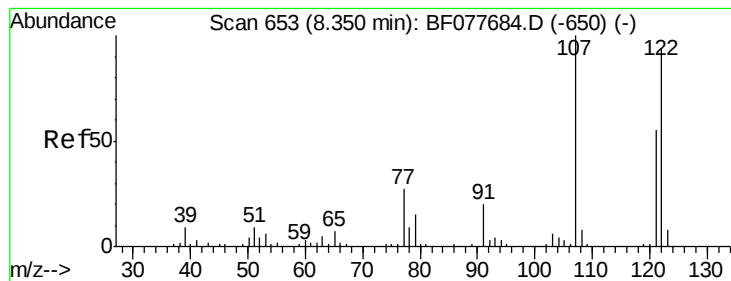
Abundance Ion 139.00 (138.70 to 139.70): BF077684.D (-644) (-)

Ion 109.00 (108.70 to 109.70): BF077684.D (-644) (-)

Ion 65.00 (64.70 to 65.70): BF077684.D (-644) (-)

Time-->





#27

2,4-Dimethylphenol

Concen: 28.83 ng

RT: 8.27 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

Instrument :

BNA_F

ClientSampleId :

REC-7-1-1(1.5-2.0)MSD

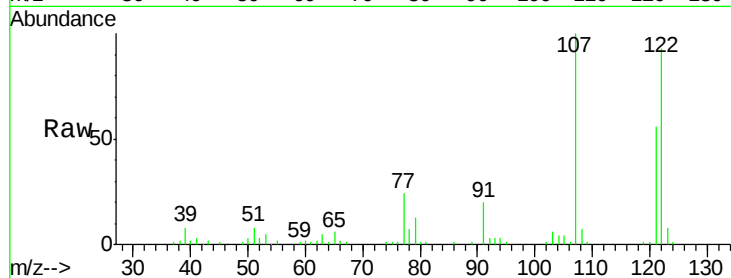
Tgt Ion:122 Resp: 67414

Ion Ratio Lower Upper

122 100

107 107.2 84.7 127.1

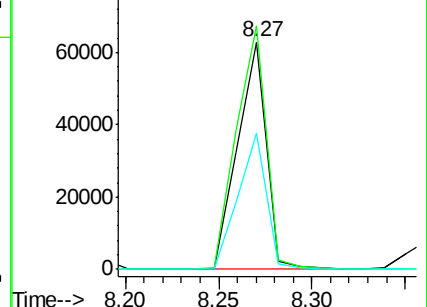
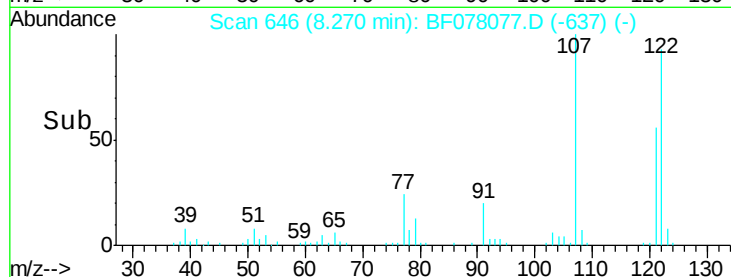
121 60.0 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 30.61 ng

RT: 8.38 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

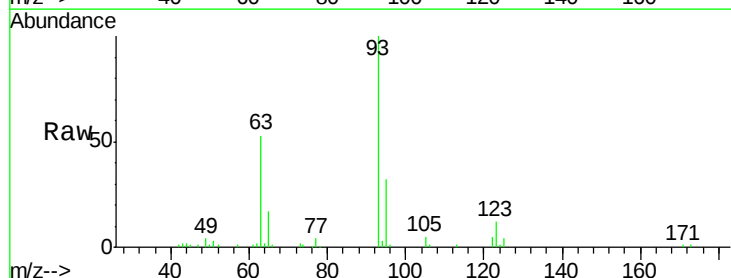
Tgt Ion: 93 Resp: 91290

Ion Ratio Lower Upper

93 100

95 32.3 25.5 38.3

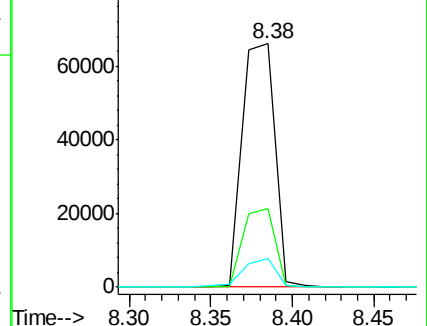
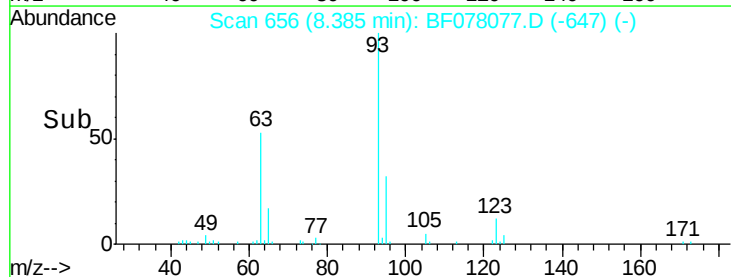
123 11.7 8.6 13.0

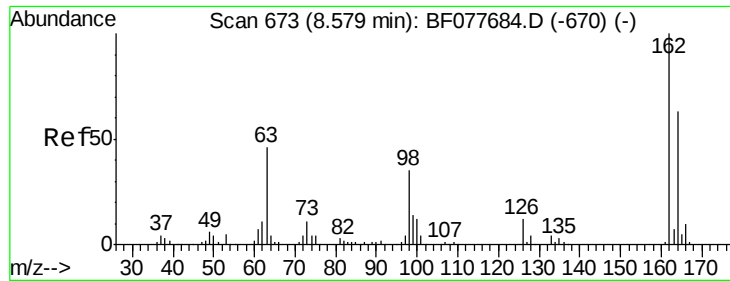


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

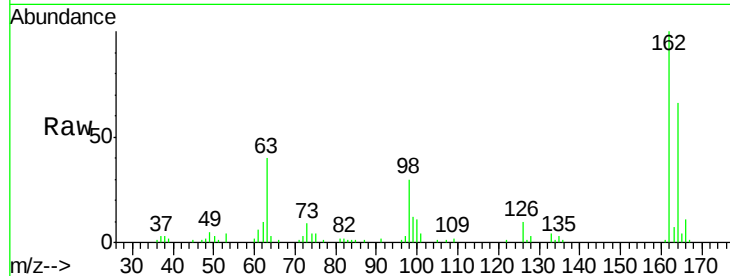




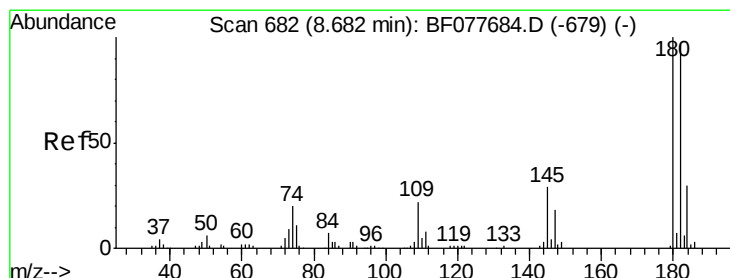
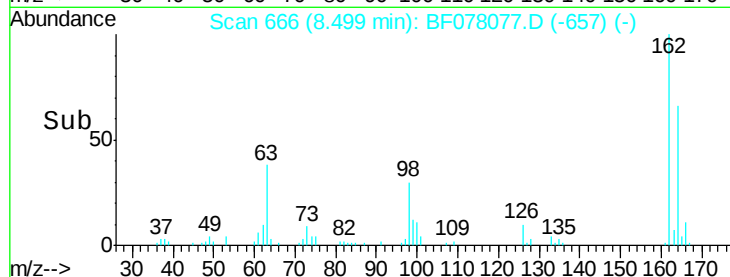
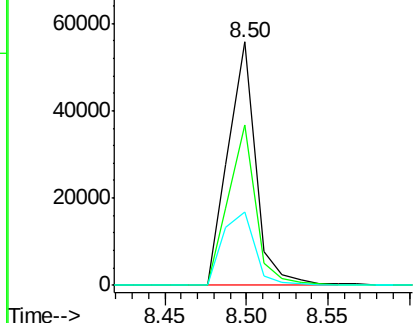
#29
 2,4-Dichlorophenol
 Concen: 29.31 ng
 RT: 8.50 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: BF078077.D
 Acq: 28 Mar 2015 12:40

Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-1(1.5-2.0)MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.9	42.8	82.8
98	30.0	14.5	54.5

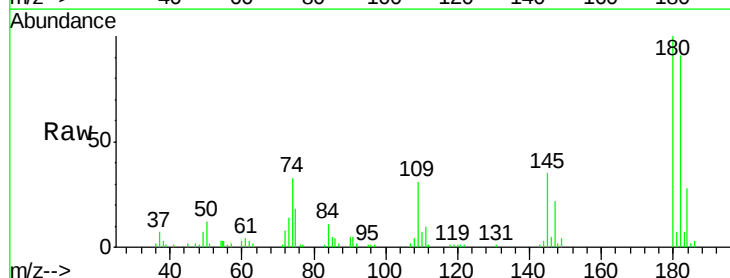


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

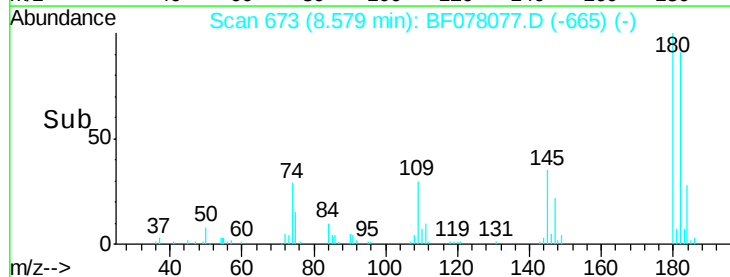
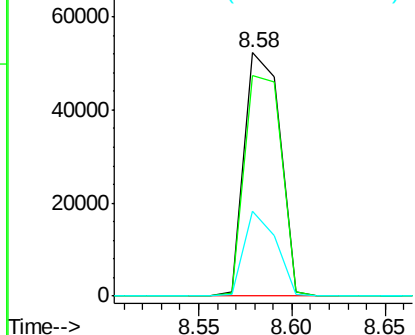


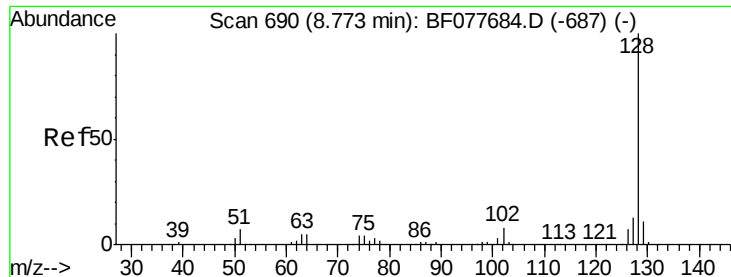
#30
 1,2,4-Trichlorobenzene
 Concen: 27.85 ng
 RT: 8.58 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF078077.D
 Acq: 28 Mar 2015 12:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.8	77.6	116.4
145	34.6	23.4	35.2



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

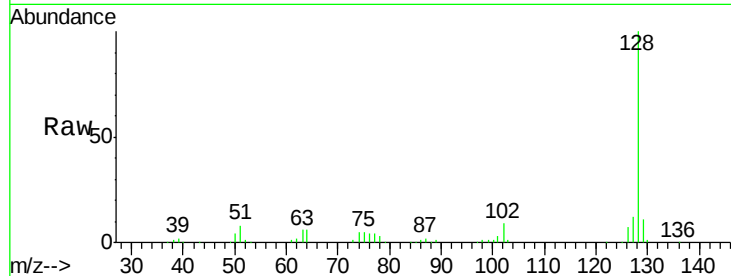




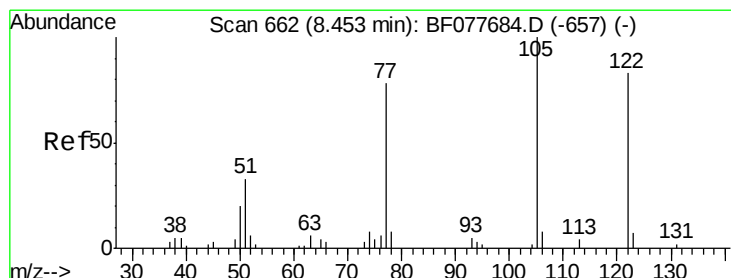
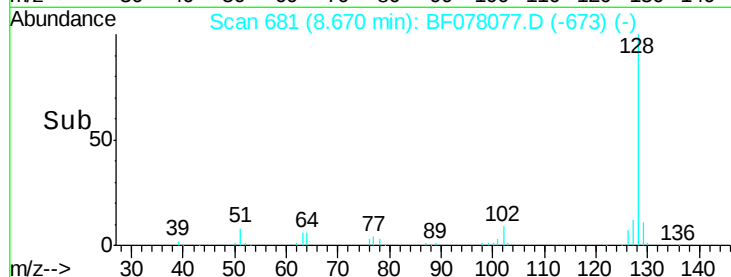
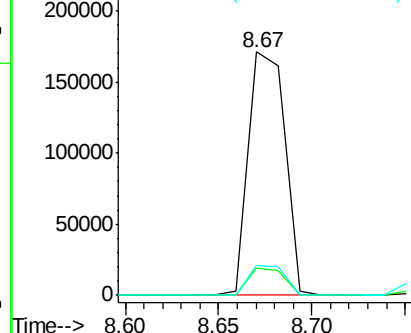
#31
Naphthalene
Concen: 28.31 ng
RT: 8.67 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

Tgt Ion:128 Resp: 231904
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 12.5 10.4 15.6

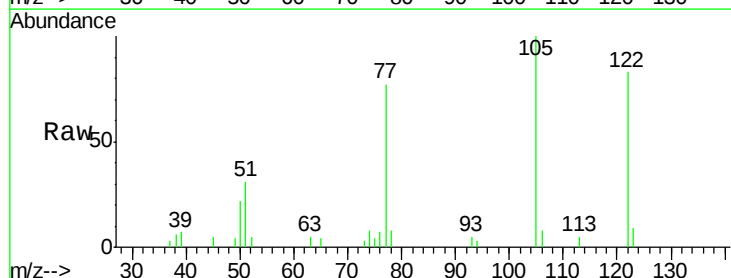


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

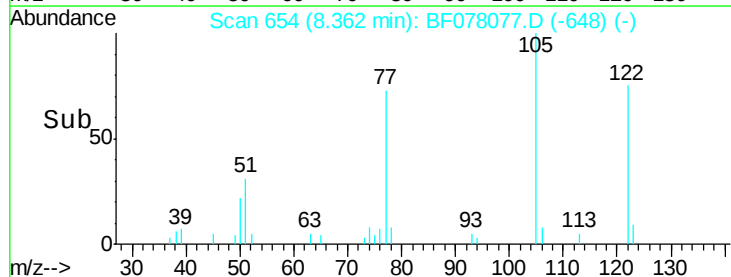
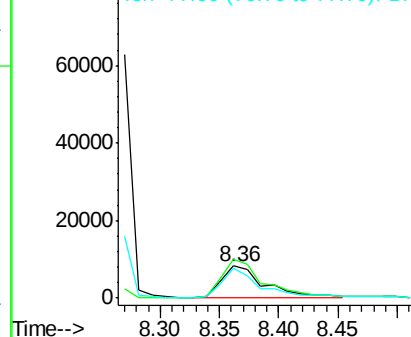


#32
Benzoic acid
Concen: 18.71 ng
RT: 8.36 min Scan# 654
Delta R.T. -0.03 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:122 Resp: 21777
Ion Ratio Lower Upper
122 100
105 120.7 99.9 139.9
77 92.4 73.7 113.7



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

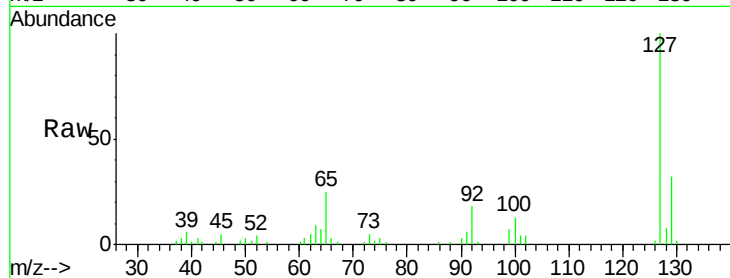




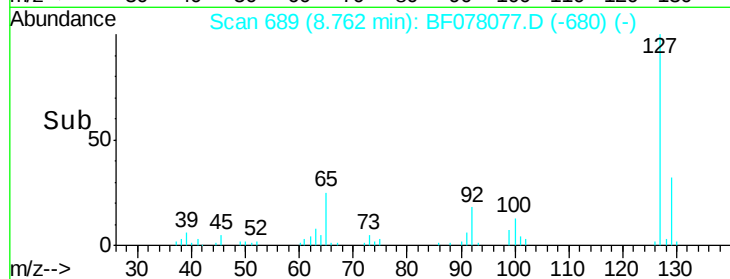
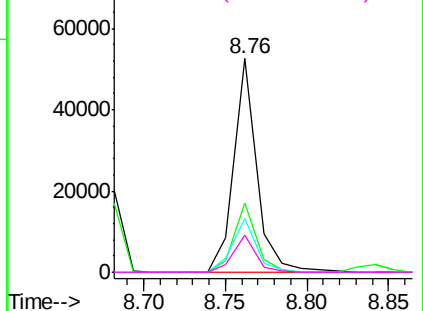
#33
4-Chloroaniline
Concen: 15.35 ng
RT: 8.76 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

Tgt Ion:	127	Resp:	51045
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.3	37.9
65	24.9	17.6	26.4
92	17.6	13.1	19.7

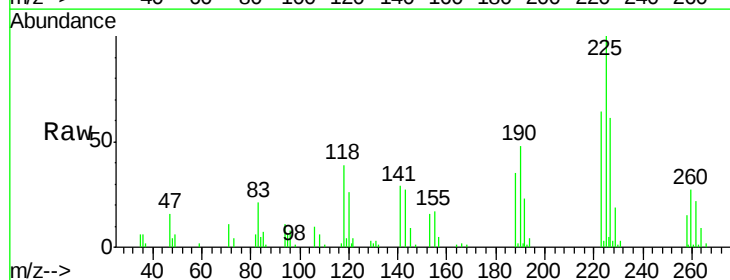


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

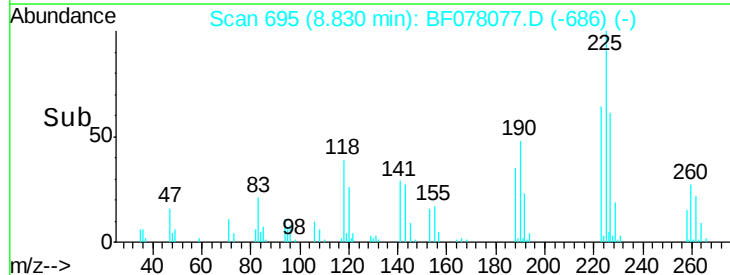
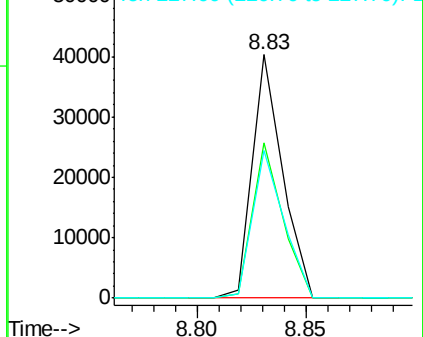


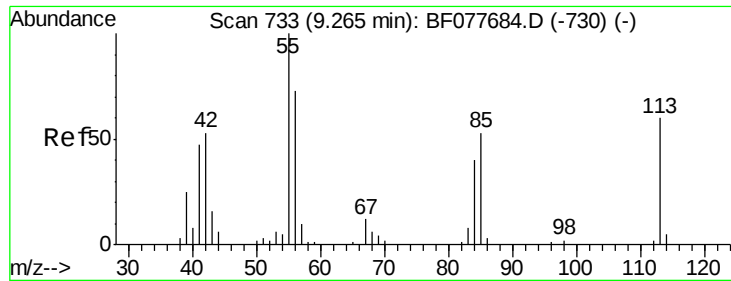
#34
Hexachlorobutadiene
Concen: 27.52 ng
RT: 8.83 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:	225	Resp:	38892
Ion	Ratio	Lower	Upper
225	100		
223	63.8	47.9	71.9
227	60.9	50.1	75.1



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

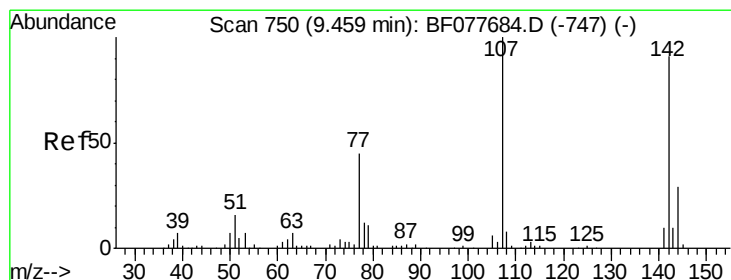
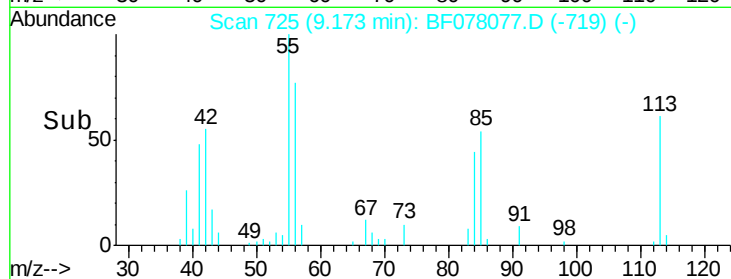
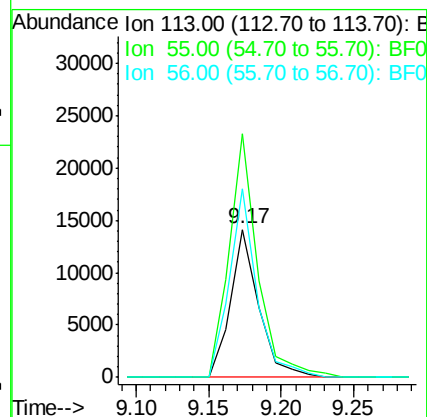
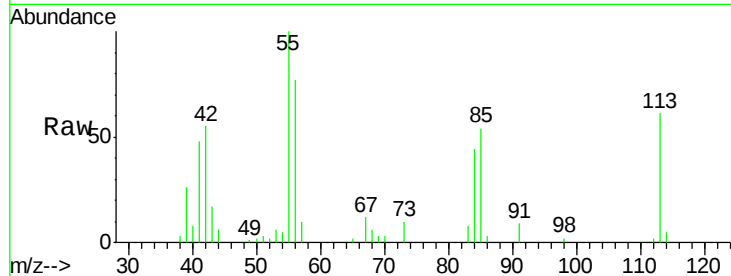




#35
 Caprolactam
 Concen: 29.24 ng
 RT: 9.17 min Scan# 725
 Delta R.T. -0.03 min
 Lab File: BF078077.D
 Acq: 28 Mar 2015 12:40

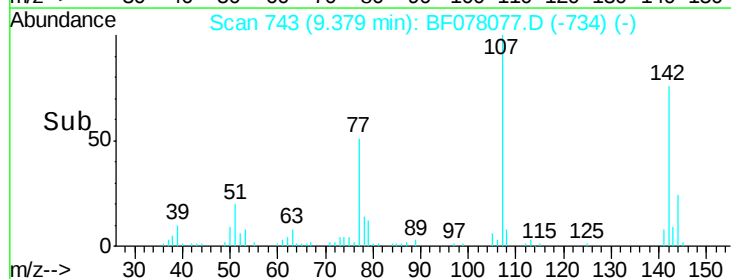
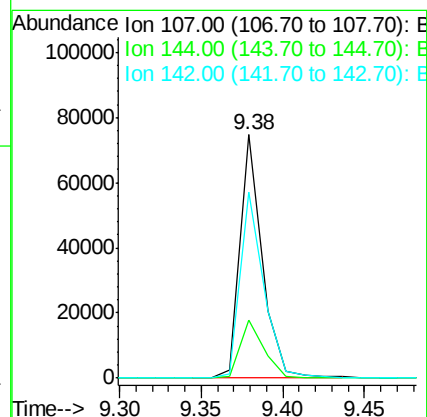
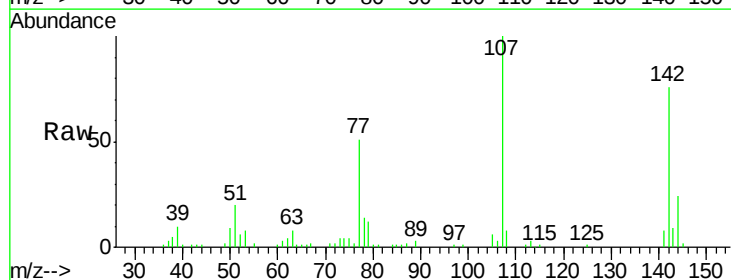
Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-1(1.5-2.0)MSD

Tgt Ion:113 Resp: 19044
 Ion Ratio Lower Upper
 113 100
 55 164.6 145.9 185.9
 56 127.2 101.0 141.0



#36
 4-Chloro-3-methylphenol
 Concen: 31.06 ng
 RT: 9.38 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF078077.D
 Acq: 28 Mar 2015 12:40

Tgt Ion:107 Resp: 69637
 Ion Ratio Lower Upper
 107 100
 144 24.0 23.3 34.9
 142 76.4 72.6 109.0

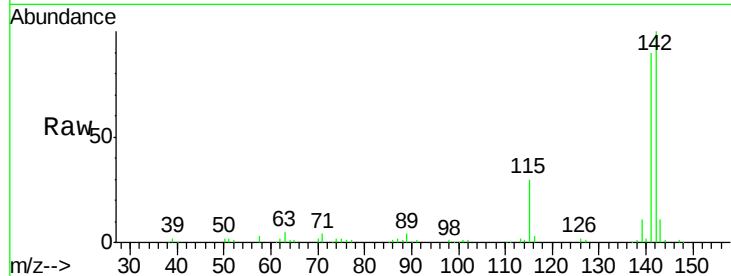




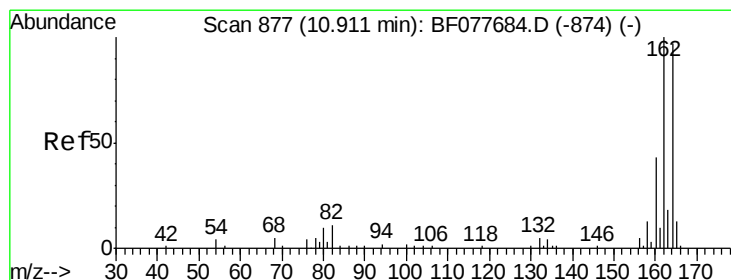
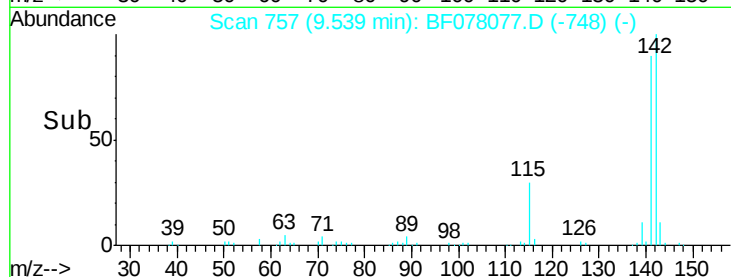
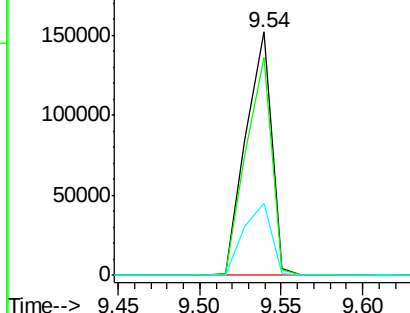
#37
 2-Methylnaphthalene
 Concen: 30.22 ng
 RT: 9.54 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF078077.D
 Acq: 28 Mar 2015 12:40

Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-1(1.5-2.0)MSD

Tgt Ion:142 Resp: 166304
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.9 107.9
 115 29.5 25.4 38.0

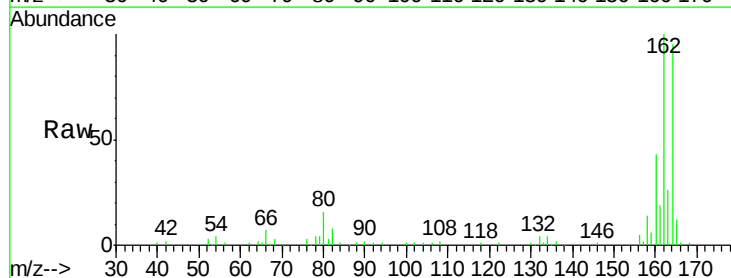


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

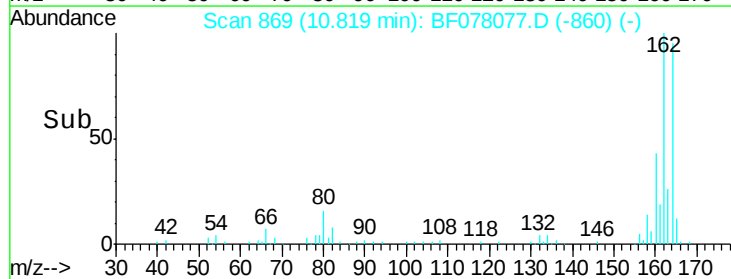
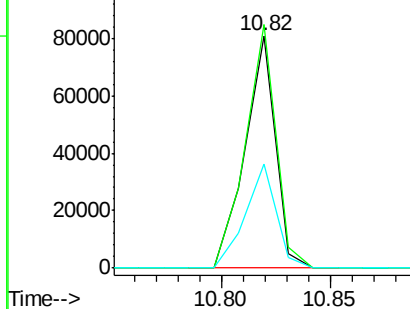


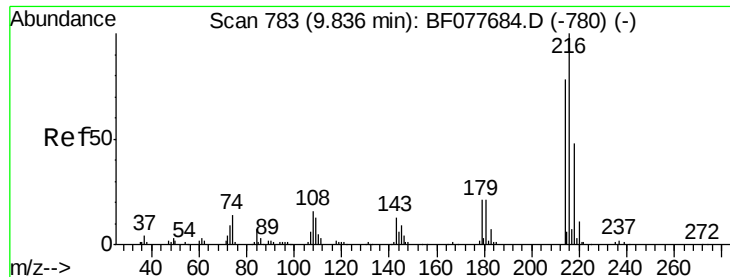
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.82 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BF078077.D
 Acq: 28 Mar 2015 12:40

Tgt Ion:164 Resp: 77937
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.4 123.6
 160 45.1 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 28.96 ng

RT: 9.74 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

Instrument :

BNA_F

ClientSampleId :

REC-7-1-1(1.5-2.0)MSD

Tgt Ion:216 Resp: 67331

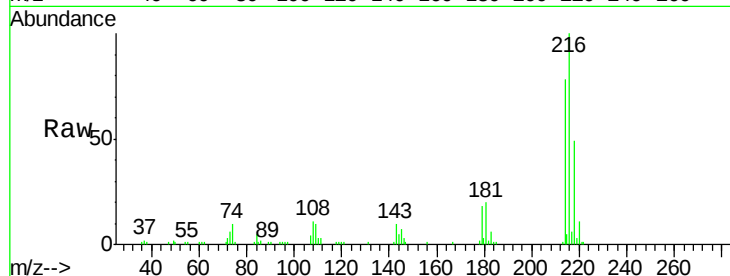
Ion Ratio Lower Upper

216 100

214 78.4 0.0 0.0#

179 20.9 0.0 0.0#

108 20.2 0.0 0.0#

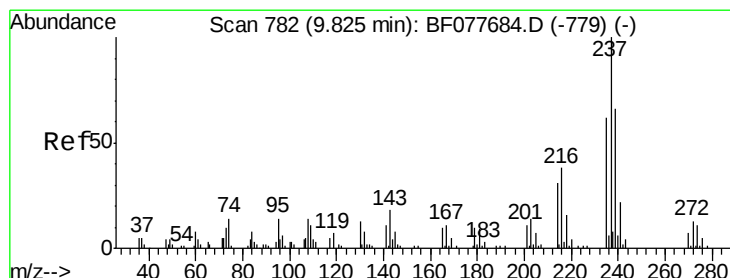
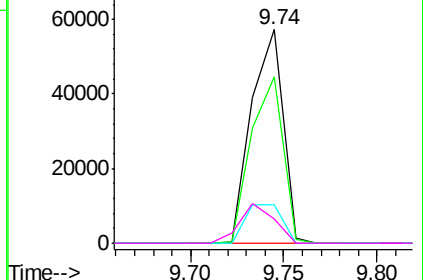
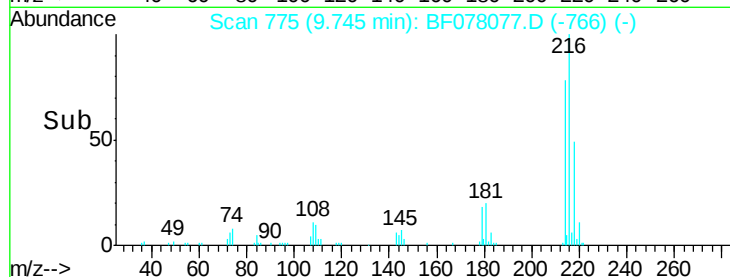


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 46.76 ng

RT: 9.72 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

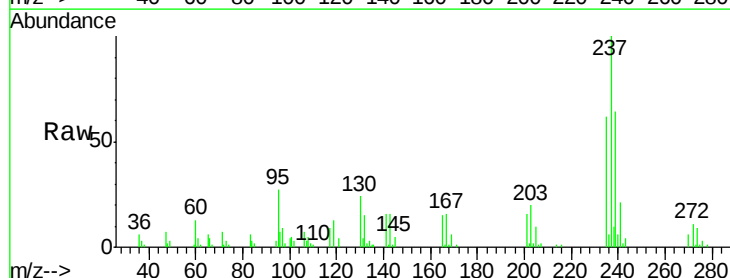
Tgt Ion:237 Resp: 52815

Ion Ratio Lower Upper

237 100

235 61.8 42.0 82.0

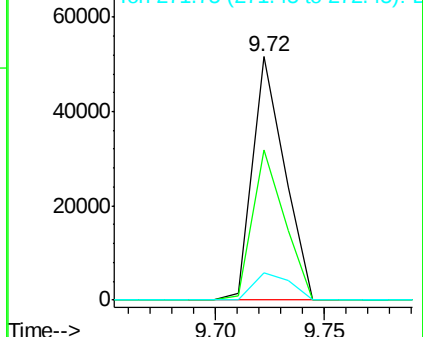
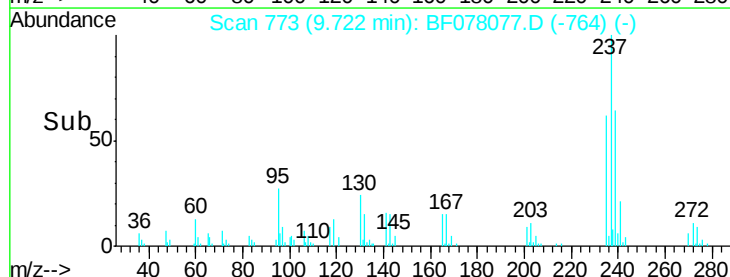
272 11.3 0.0 33.4

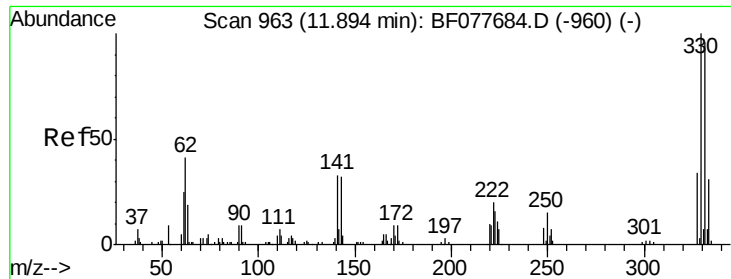


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

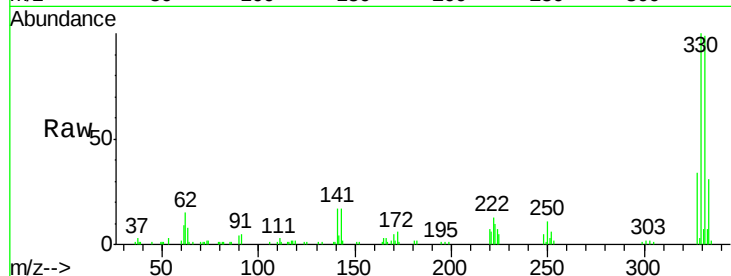




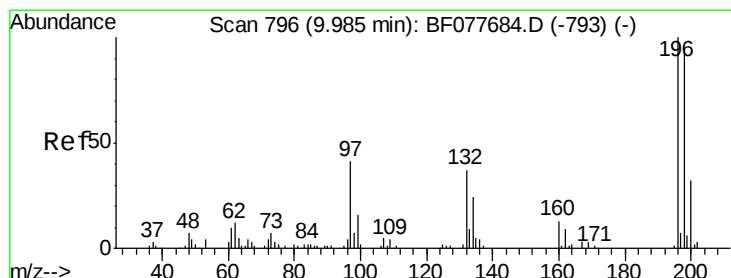
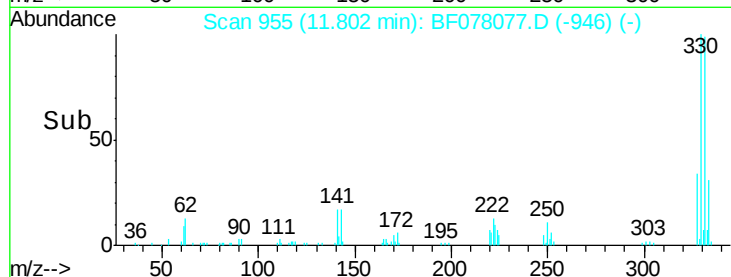
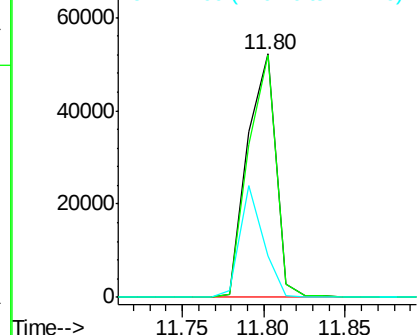
#41
 2,4,6-Tribromophenol
 Concen: 84.42 ng
 RT: 11.80 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF078077.D
 Acq: 28 Mar 2015 12:40

Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-1(1.5-2.0)MSD

Tgt Ion:330 Resp: 62954
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 38.0 0.0 0.0#

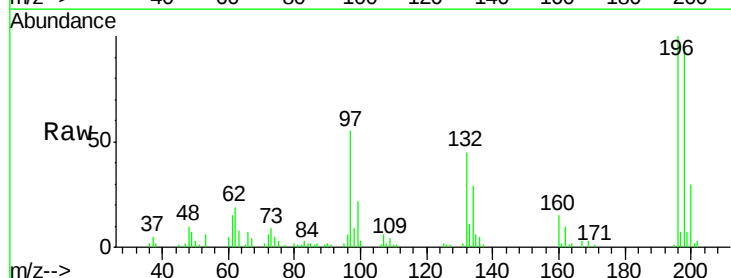


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

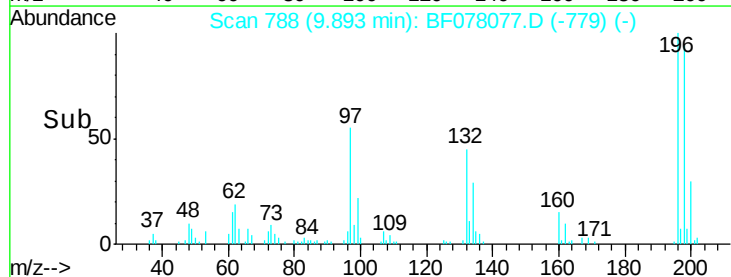
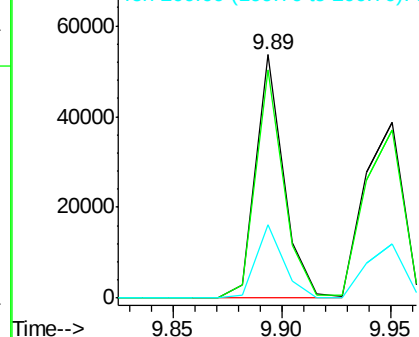


#42
 2,4,6-Trichlorophenol
 Concen: 29.94 ng
 RT: 9.89 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF078077.D
 Acq: 28 Mar 2015 12:40

Tgt Ion:196 Resp: 48214
 Ion Ratio Lower Upper
 196 100
 198 93.9 76.3 114.5
 200 29.9 25.6 38.4



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

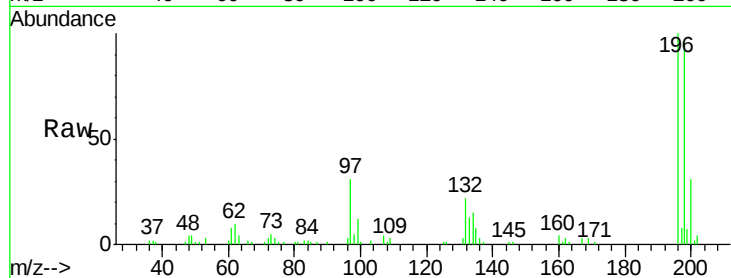




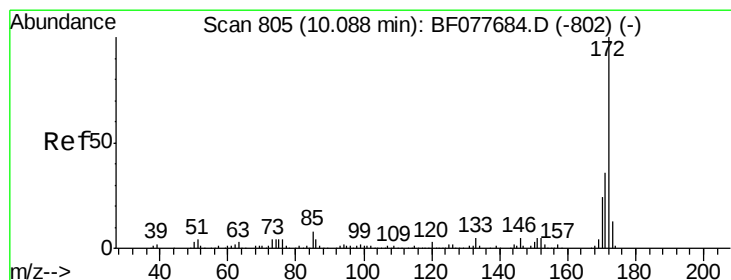
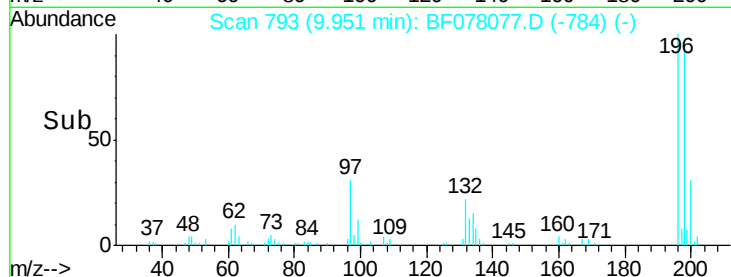
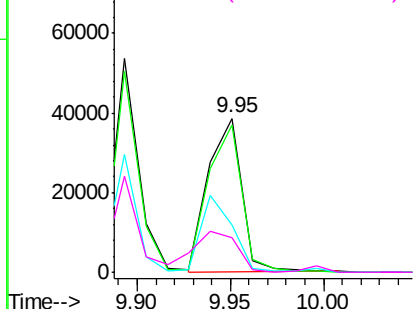
#43
 2,4,5-Trichlorophenol
 Concen: 27.69 ng
 RT: 9.95 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF078077.D
 Acq: 28 Mar 2015 12:40

Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-1(1.5-2.0)MSD

Tgt Ion:196 Resp: 48171
 Ion Ratio Lower Upper
 196 100
 198 95.7 79.4 119.0
 97 30.7 26.8 40.2
 132 22.2 18.6 28.0

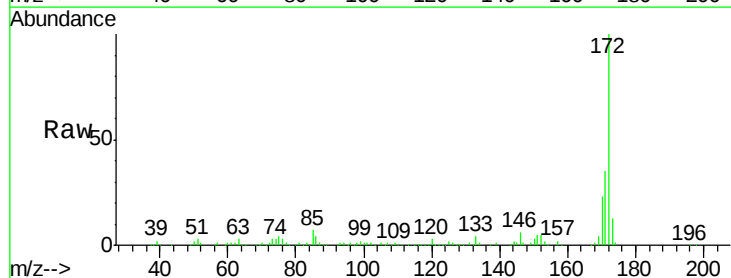


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

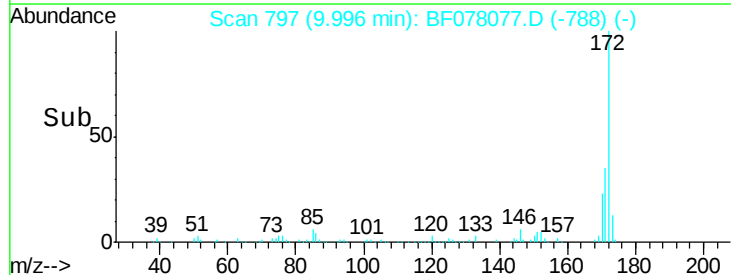
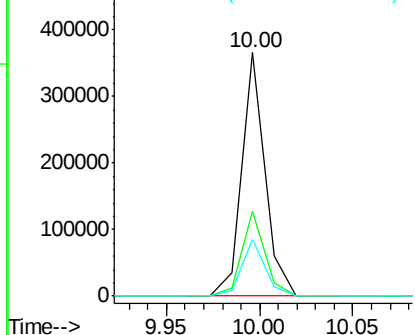


#44
 2-Fluorobiphenyl
 Concen: 59.70 ng
 RT: 10.00 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF078077.D
 Acq: 28 Mar 2015 12:40

Tgt Ion:172 Resp: 316588
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 23.4 18.8 28.2



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





#45

1,1'-Biphenyl

Concen: 30.11 ng

RT: 10.12 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

Instrument :

BNA_F

ClientSampleId :

REC-7-1-1(1.5-2.0)MSD

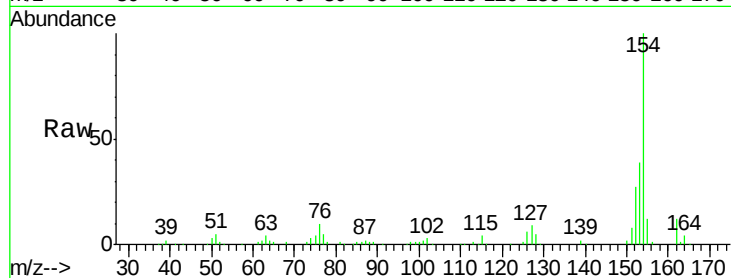
Tgt Ion:154 Resp: 187573

Ion Ratio Lower Upper

154 100

153 39.3 20.7 60.7

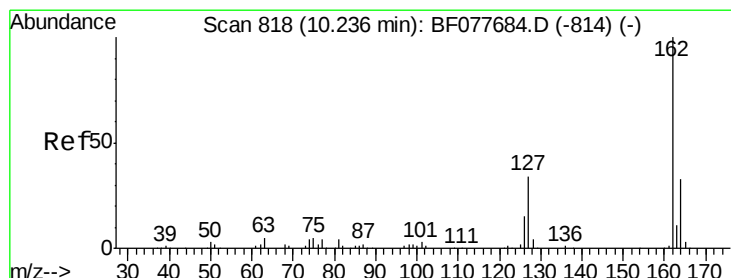
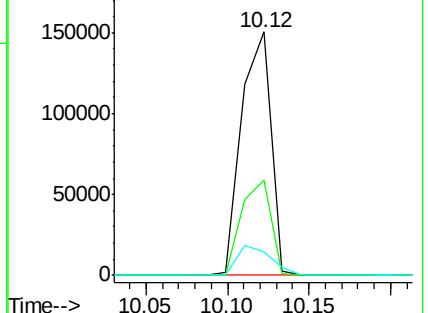
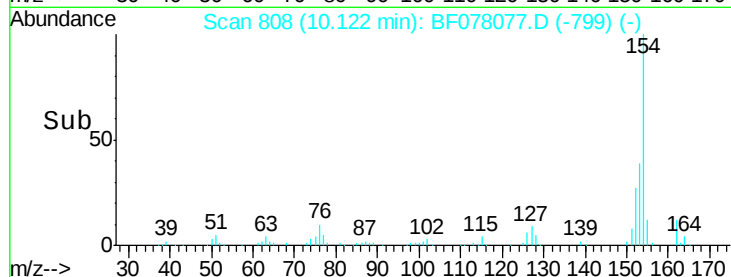
76 9.6 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 30.10 ng

RT: 10.13 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

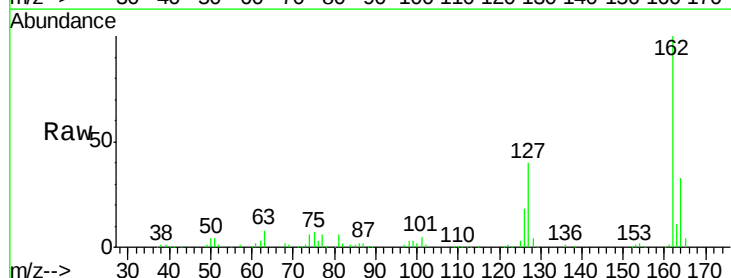
Tgt Ion:162 Resp: 152386

Ion Ratio Lower Upper

162 100

127 39.9 26.9 40.3

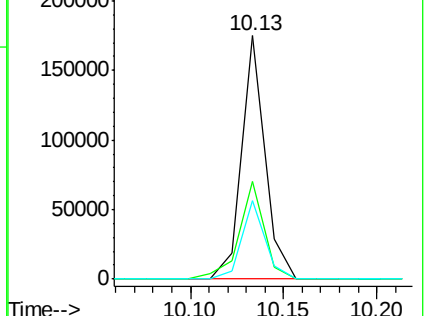
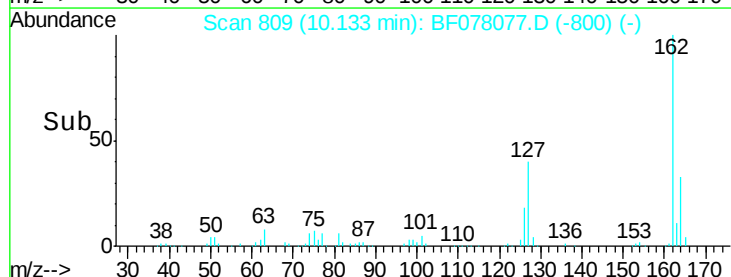
164 32.5 26.8 40.2



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

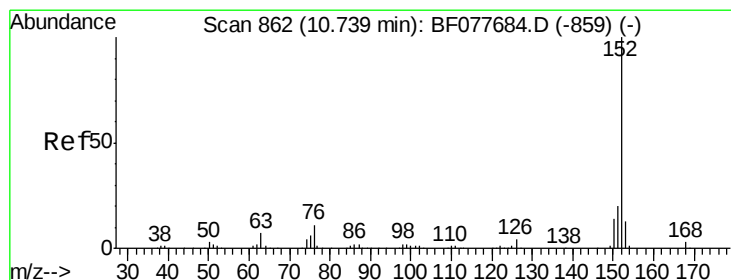
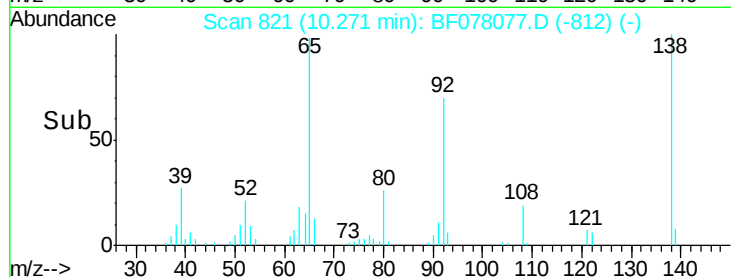
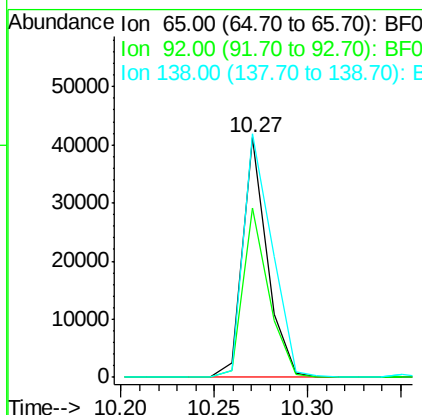
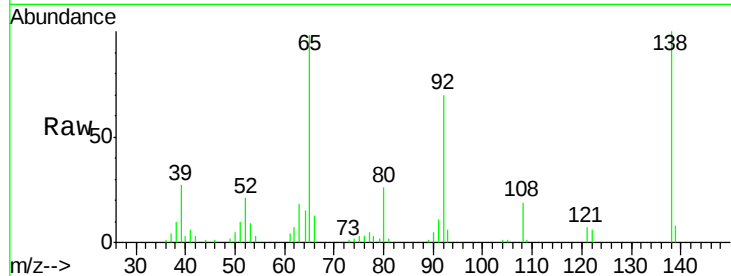




#47
 2-Nitroaniline
 Concen: 30.09 ng
 RT: 10.27 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF078077.D
 Acq: 28 Mar 2015 12:40

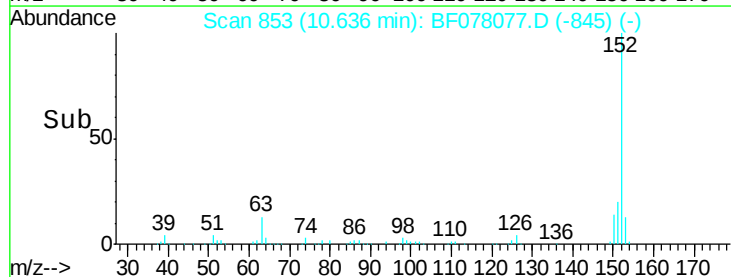
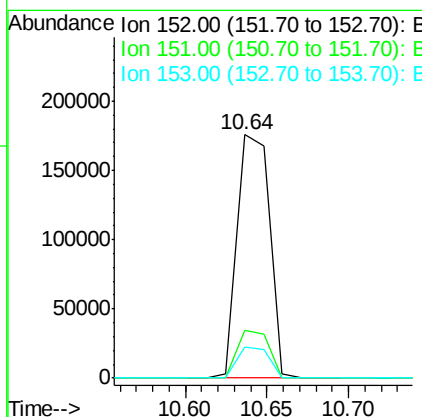
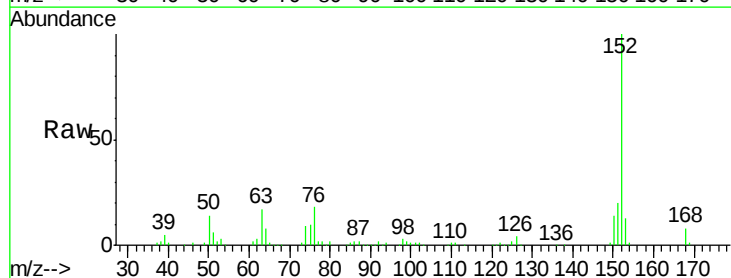
Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-1(1.5-2.0)MSD

Tgt Ion:	65	Resp:	37835
Ion	Ratio	Lower	Upper
65	100		
92	70.7	59.1	88.7
138	101.6	93.9	140.9



#48
 Acenaphthylene
 Concen: 28.49 ng
 RT: 10.64 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BF078077.D
 Acq: 28 Mar 2015 12:40

Tgt Ion:	152	Resp:	239901
Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.9	23.9
153	13.0	10.6	16.0





#49

Dimethylphthalate

Concen: 32.27 ng

RT: 10.51 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

Instrument :

BNA_F

ClientSampleId :

REC-7-1-1(1.5-2.0)MSD

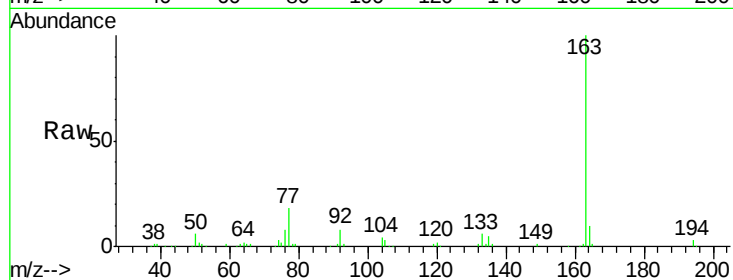
Tgt Ion:163 Resp: 186520

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

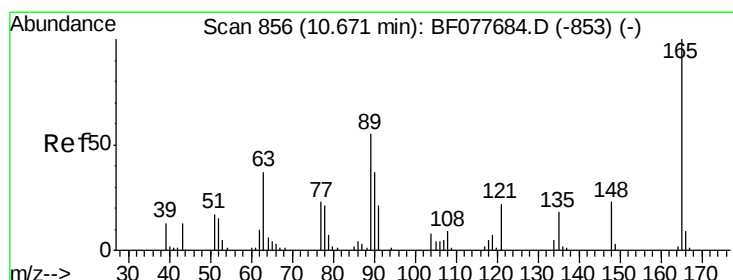
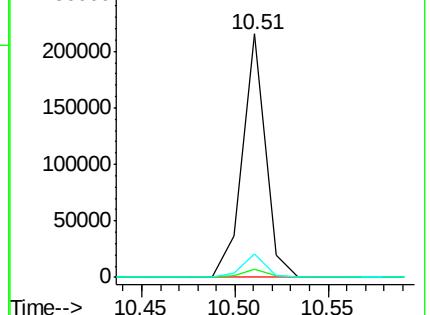
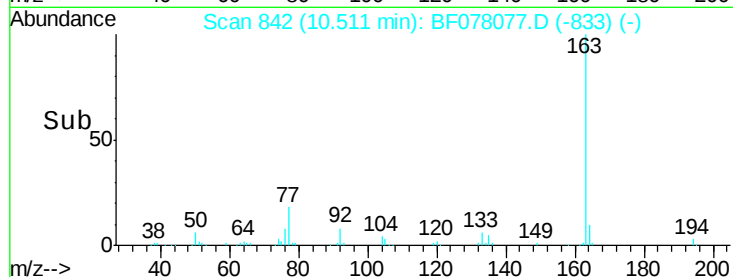
164 9.8 8.2 12.2



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: 30.68 ng

RT: 10.58 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

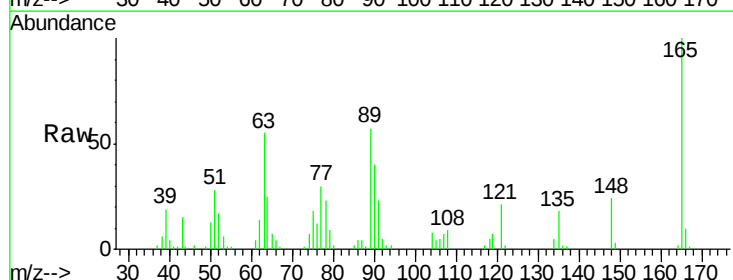
Tgt Ion:165 Resp: 36756

Ion Ratio Lower Upper

165 100

63 54.7 44.1 66.1

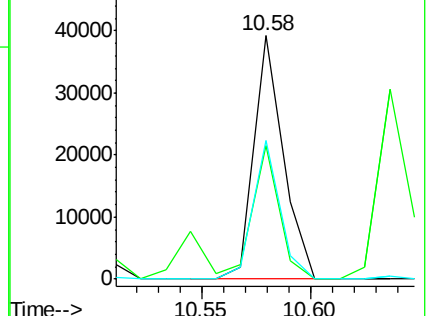
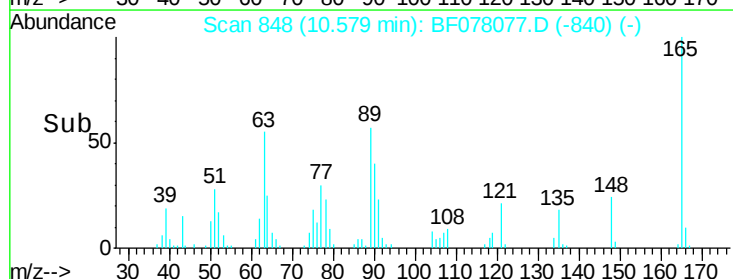
89 56.8 44.3 66.5

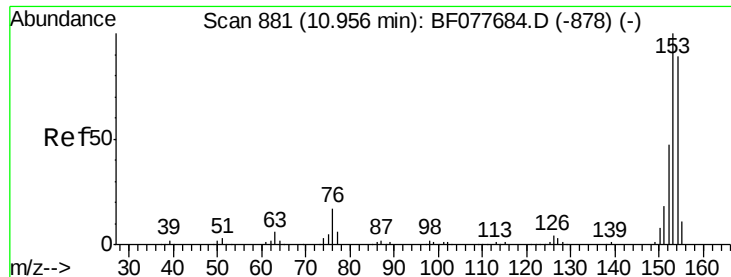


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 28.98 ng

RT: 10.85 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

Instrument :

BNA_F

ClientSampleId :

REC-7-1-1(1.5-2.0)MSD

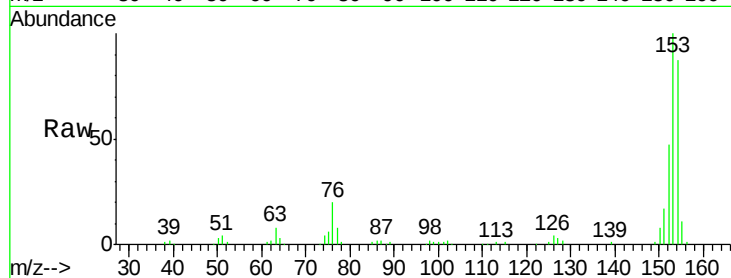
Tgt Ion:154 Resp: 139907

Ion Ratio Lower Upper

154 100

153 114.9 90.0 135.0

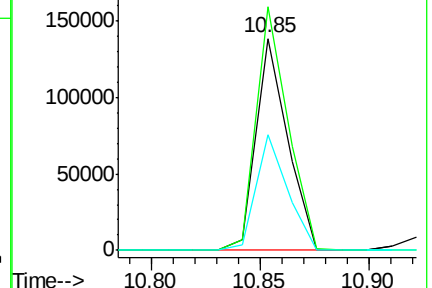
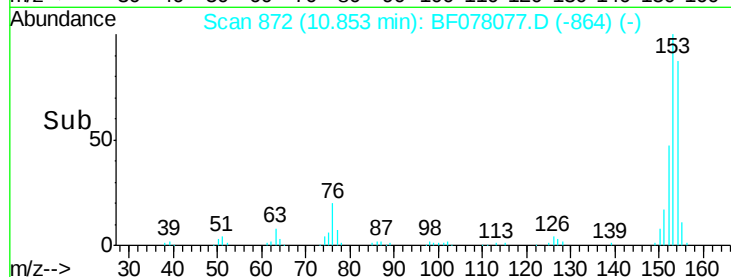
152 54.3 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.87 ng

RT: 10.78 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

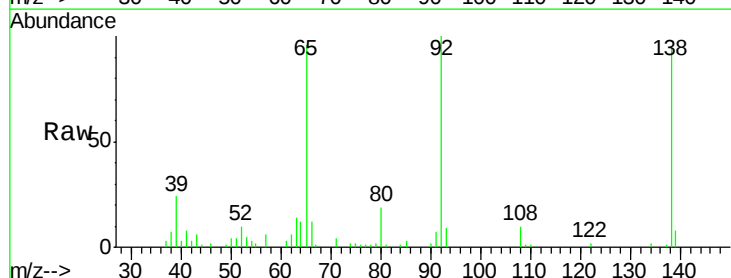
Tgt Ion:138 Resp: 31822

Ion Ratio Lower Upper

138 100

108 10.6 7.3 10.9

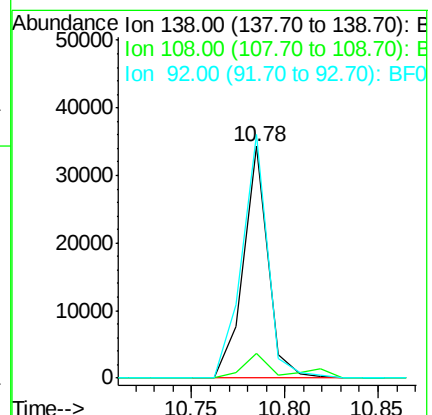
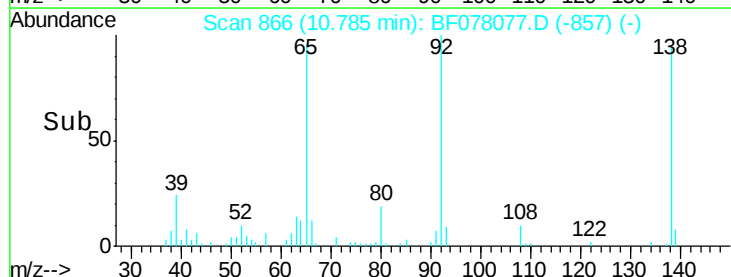
92 105.1 76.6 114.8

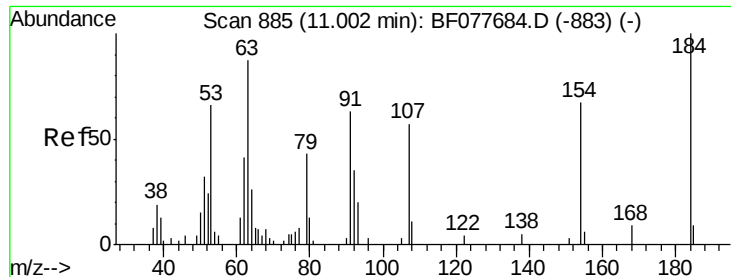


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

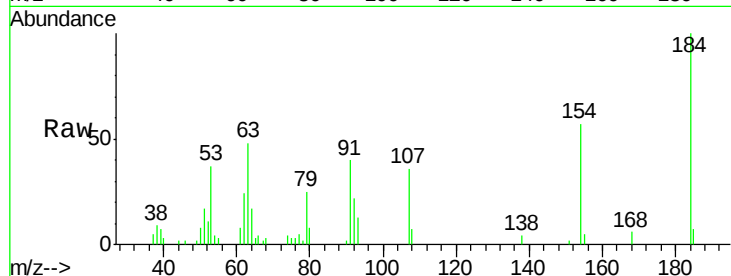




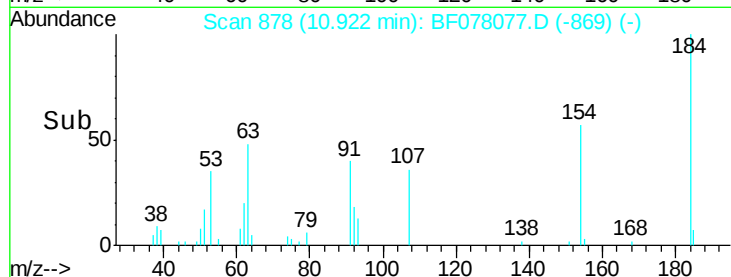
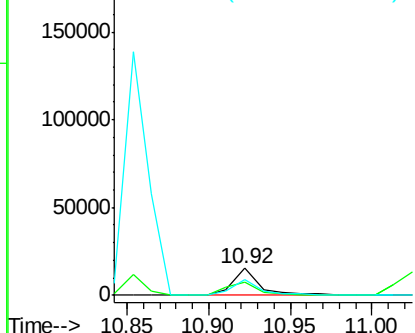
#53
2,4-Dinitrophenol
Concen: 43.49 ng
RT: 10.92 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

Tgt Ion:184 Resp: 17346
Ion Ratio Lower Upper
184 100
63 47.9 69.2 103.8#
154 57.2 53.3 79.9

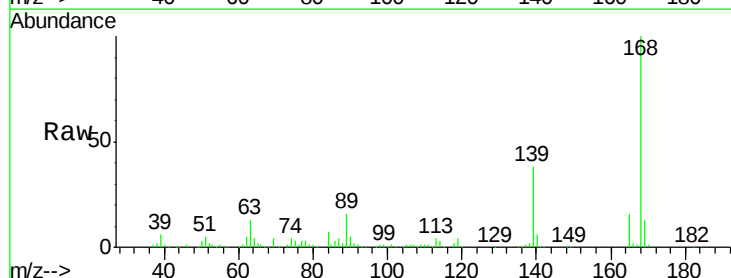


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

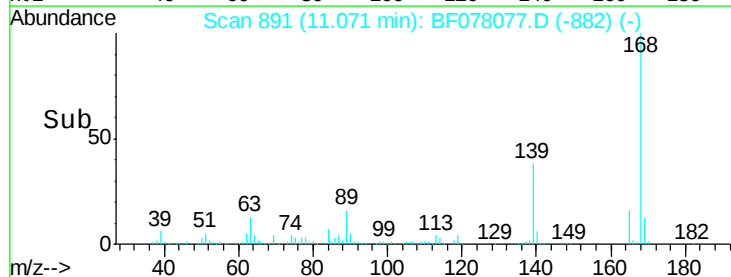
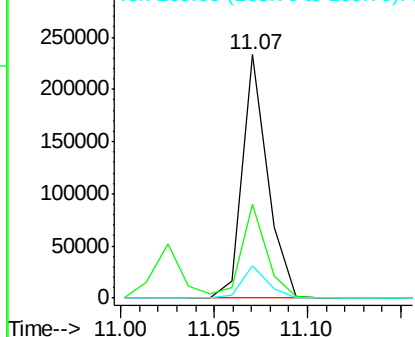


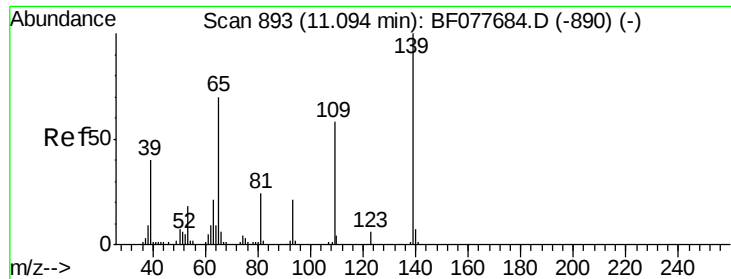
#54
Dibenzofuran
Concen: 30.52 ng
RT: 11.07 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:168 Resp: 218510
Ion Ratio Lower Upper
168 100
139 38.3 27.3 40.9
169 13.2 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

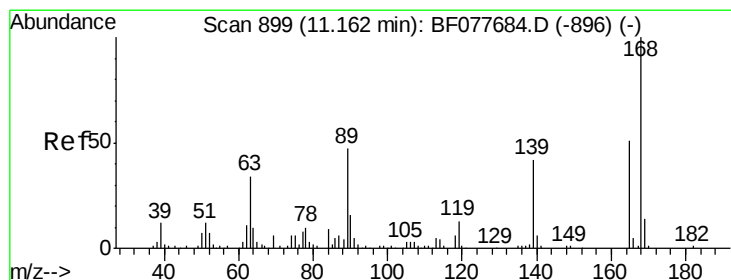
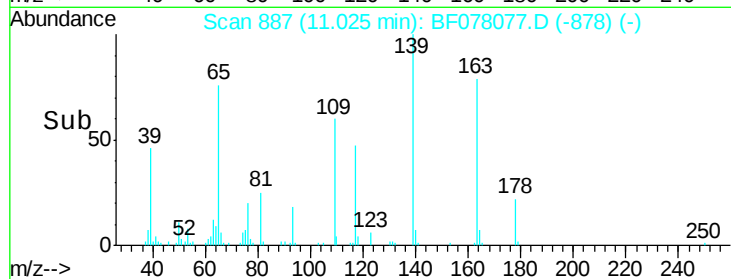
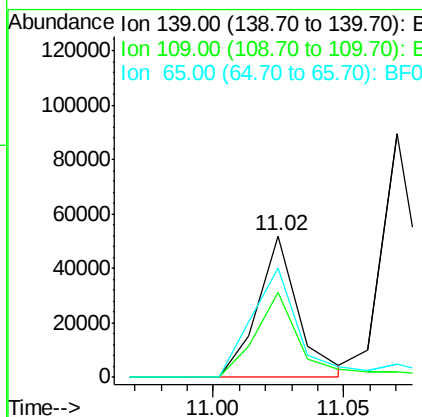
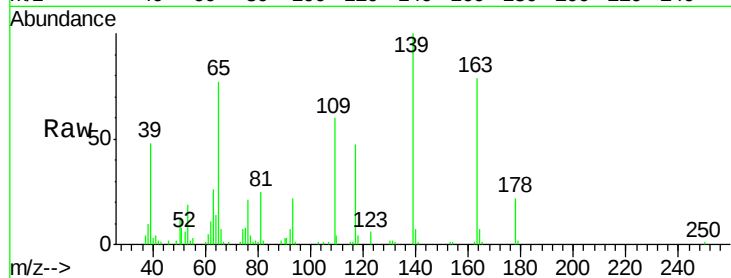




#55
 4-Nitrophenol
 Concen: 54.95 ng
 RT: 11.02 min Scan# 887
 Delta R.T. -0.00 min
 Lab File: BF078077.D
 Acq: 28 Mar 2015 12:40

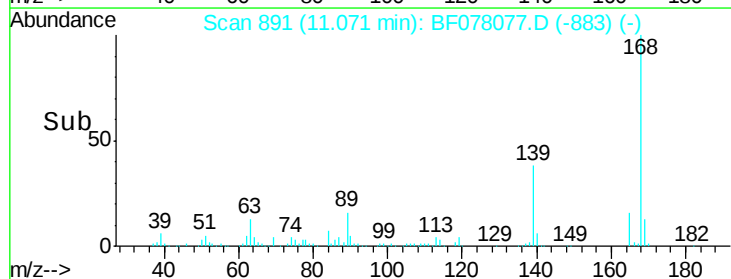
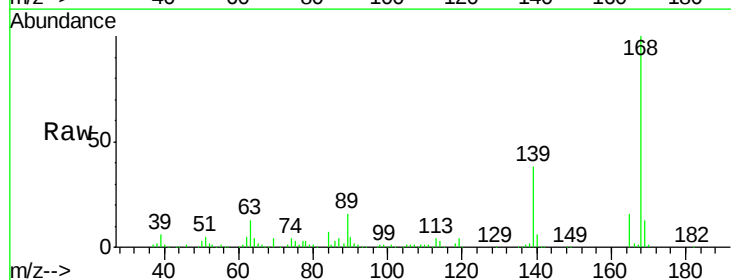
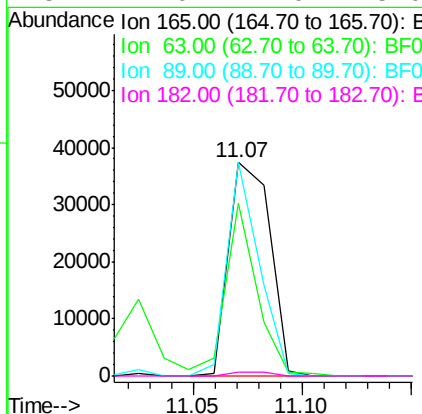
Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-1(1.5-2.0)MSD

Tgt Ion:139 Resp: 56648
 Ion Ratio Lower Upper
 139 100
 109 60.2 37.7 77.7
 65 77.0 49.9 89.9



#56
 2,4-Dinitrotoluene
 Concen: 31.72 ng
 RT: 11.07 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF078077.D
 Acq: 28 Mar 2015 12:40

Tgt Ion:165 Resp: 49555
 Ion Ratio Lower Upper
 165 100
 63 81.0 52.4 78.6#
 89 100.1 72.4 108.6
 182 2.0 2.0 3.0





#57

Fluorene

Concen: 30.43 ng

RT: 11.49 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

Instrument :

BNA_F

ClientSampleId :

REC-7-1-1(1.5-2.0)MSD

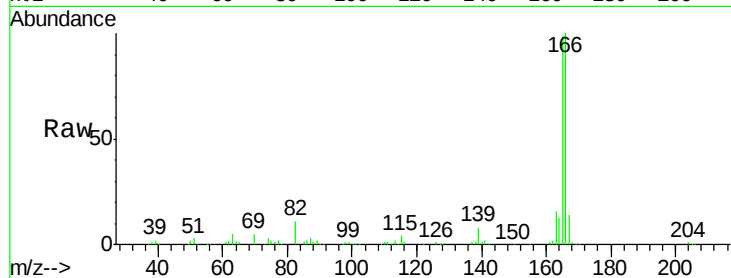
Tgt Ion:166 Resp: 180926

Ion Ratio Lower Upper

166 100

165 99.0 79.0 118.4

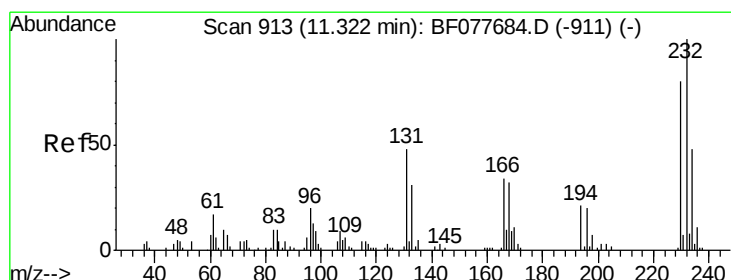
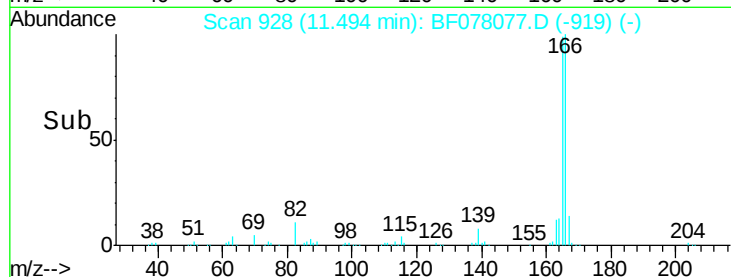
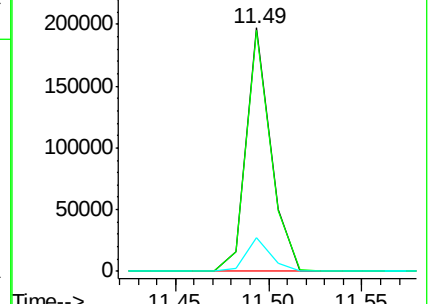
167 13.7 10.3 15.5



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: 28.13 ng

RT: 11.23 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

Tgt Ion:232 Resp: 37685

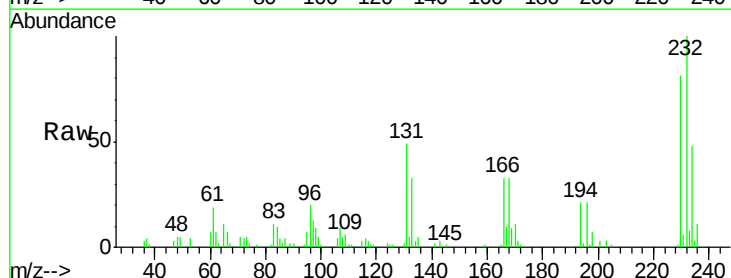
Ion Ratio Lower Upper

232 100

131 47.9 0.0 0.0#

130 1.7 0.0 0.0#

166 32.0 0.0 0.0#

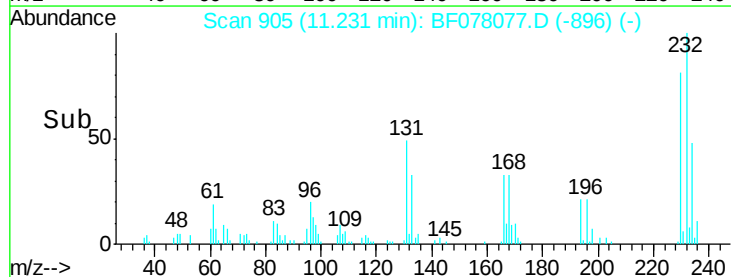
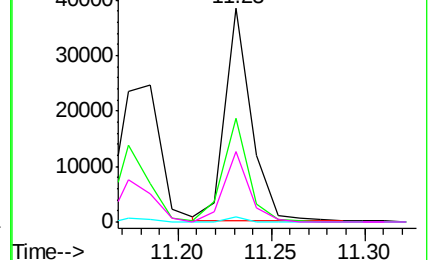


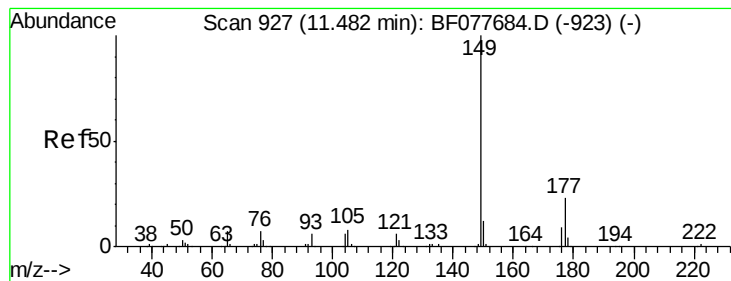
Abundance Ion 232.00 (231.70 to 232.70): E

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: 29.42 ng

RT: 11.38 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

Instrument :

BNA_F

ClientSampleId :

REC-7-1-1(1.5-2.0)MSD

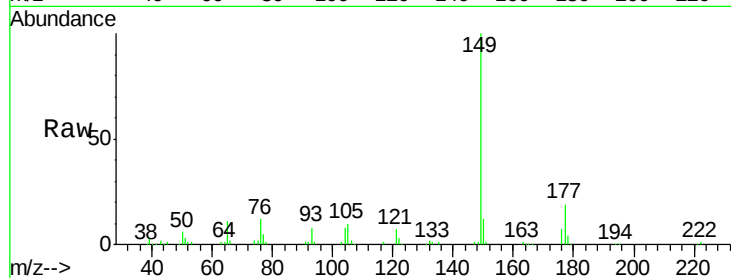
Tgt Ion:149 Resp: 165695

Ion Ratio Lower Upper

149 100

177 19.2 18.3 27.5

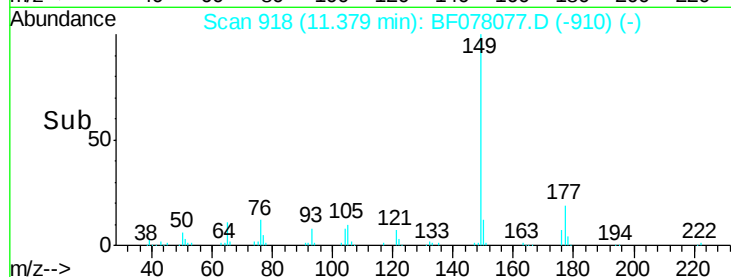
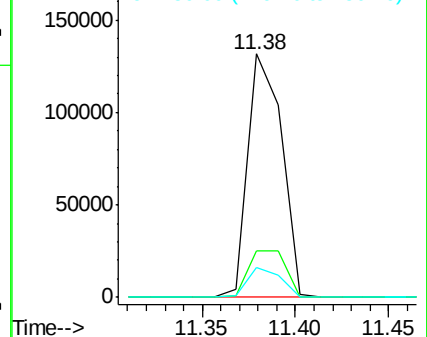
150 12.2 9.8 14.8



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: 28.48 ng

RT: 11.50 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

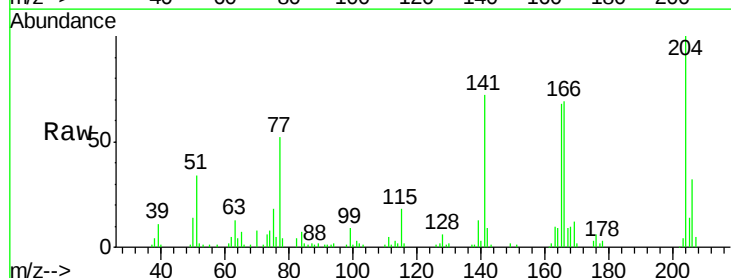
Tgt Ion:204 Resp: 77269

Ion Ratio Lower Upper

204 100

206 31.8 26.6 39.8

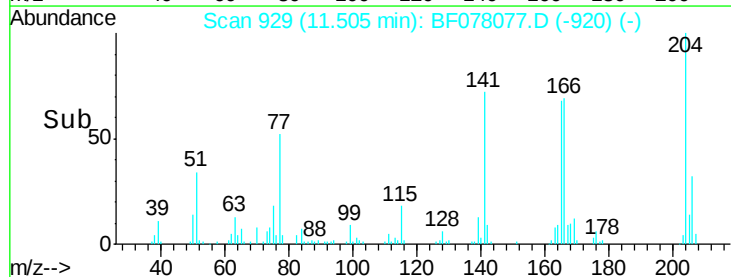
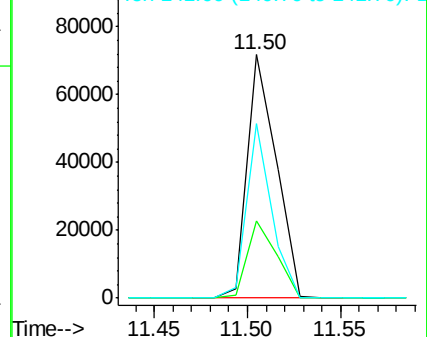
141 71.7 45.2 67.8#

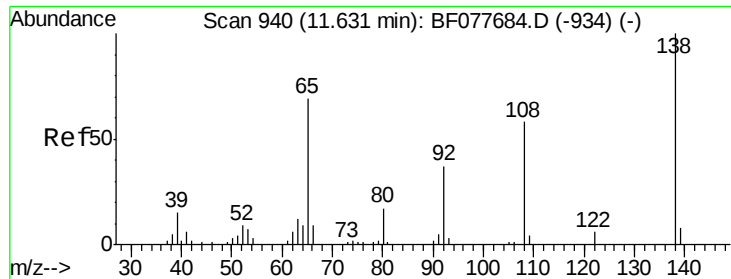


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

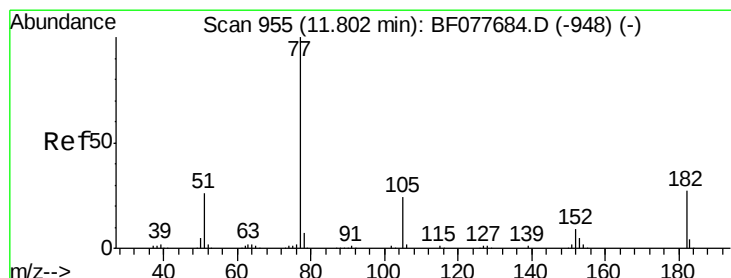
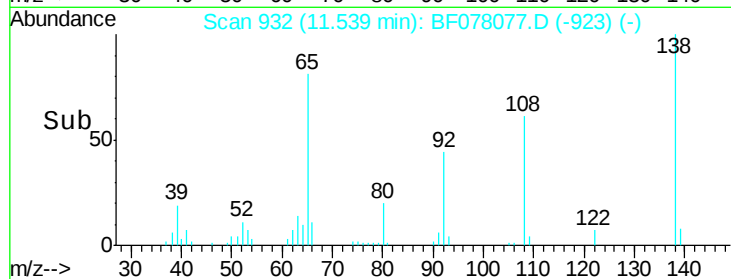
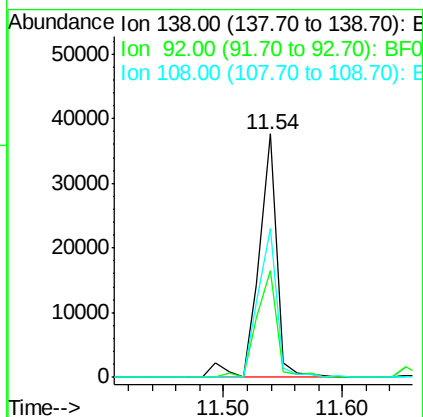
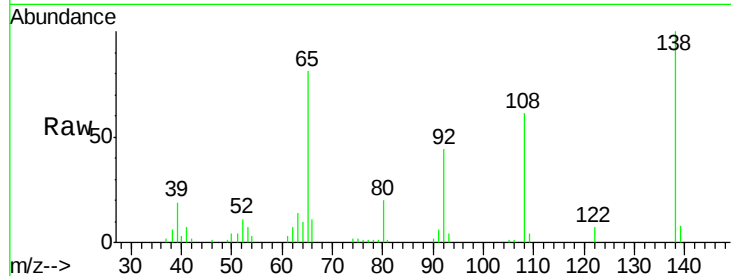




#61
4-Nitroaniline
Concen: 28.97 ng
RT: 11.54 min Scan# 932
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

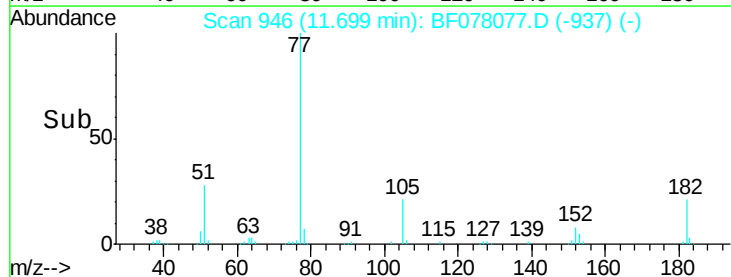
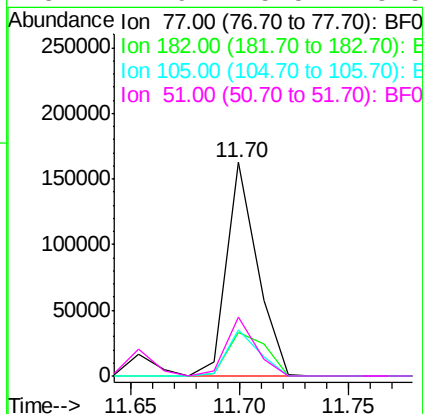
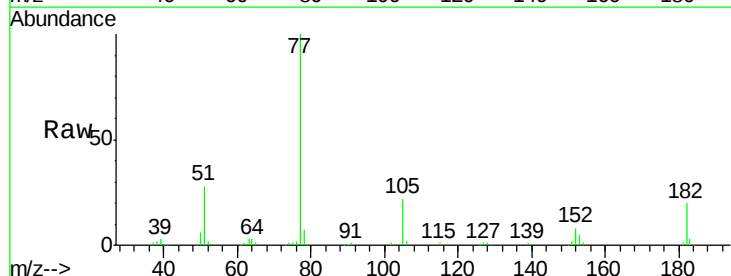
Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

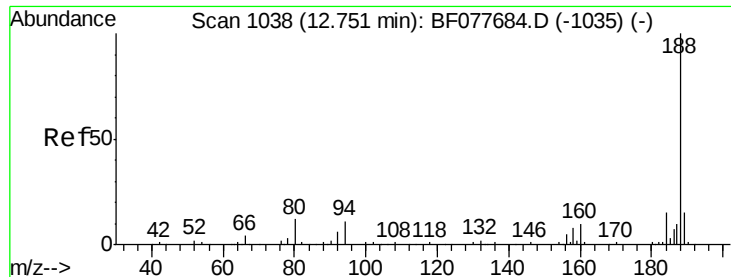
Tgt Ion:138 Resp: 40182
Ion Ratio Lower Upper
138 100
92 44.1 16.7 56.7
108 61.1 37.6 77.6



#62
Azobenzene
Concen: 29.57 ng
RT: 11.70 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion: 77 Resp: 159172
Ion Ratio Lower Upper
77 100
182 20.5 6.5 46.5
105 21.6 3.8 43.8
51 27.9 5.5 45.5

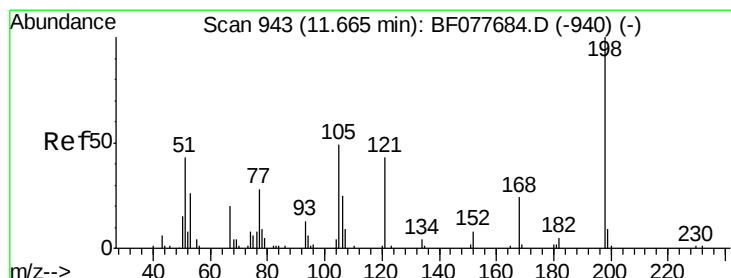
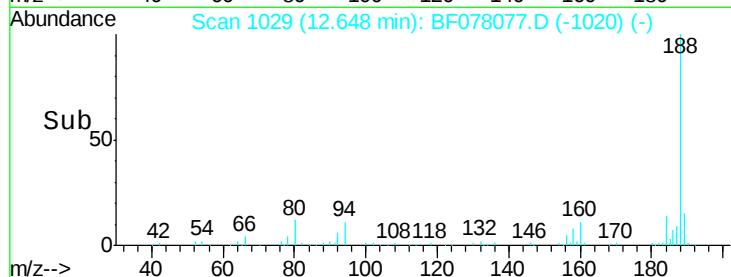
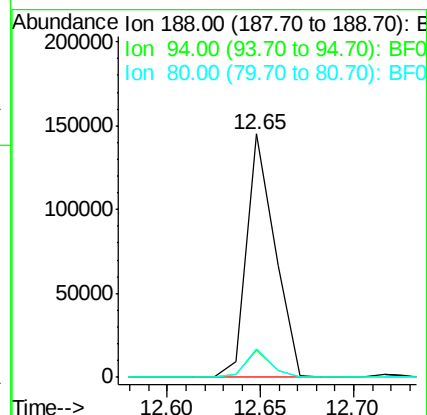
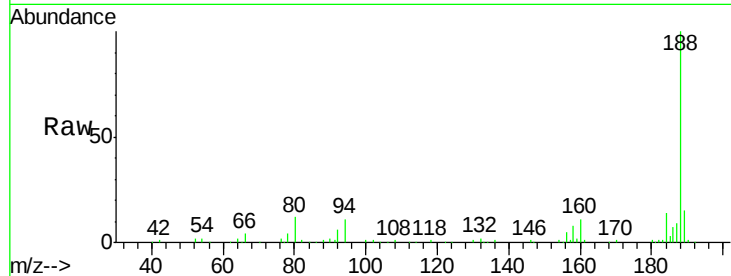




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.65 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

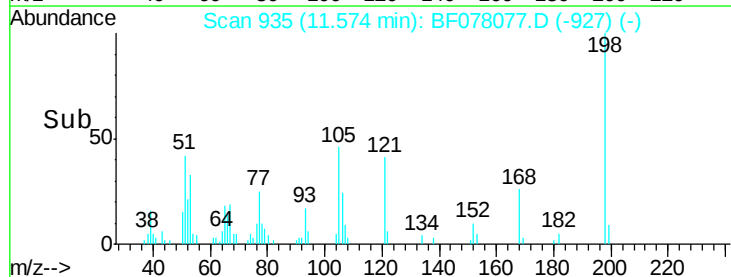
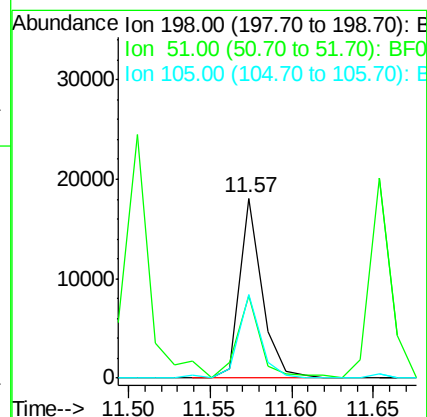
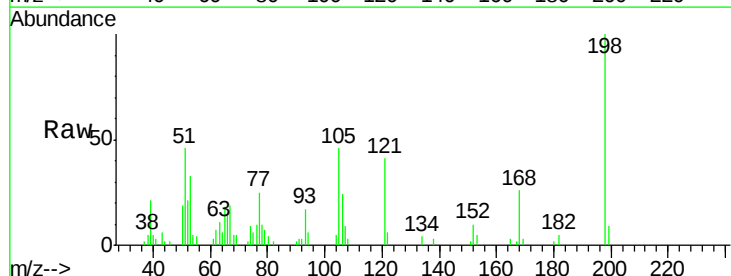
Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

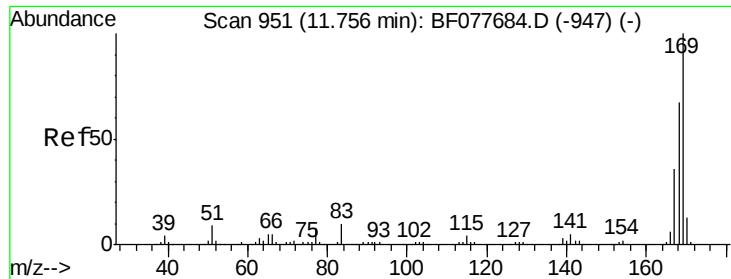
Tgt Ion:188 Resp: 152405
Ion Ratio Lower Upper
188 100
94 11.2 8.7 13.1
80 12.0 9.3 13.9



#64
4,6-Dinitro-2-methylphenol
Concen: 25.80 ng
RT: 11.57 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:198 Resp: 16997
Ion Ratio Lower Upper
198 100
51 45.7 28.8 68.8
105 46.2 30.5 70.5

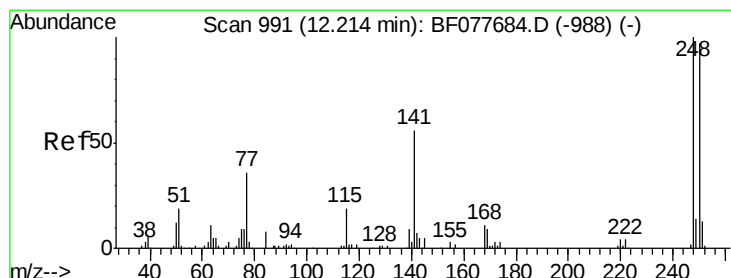
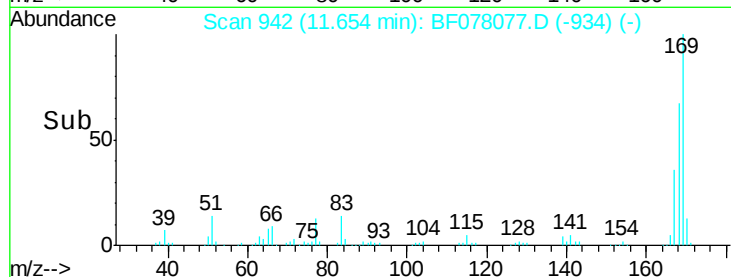
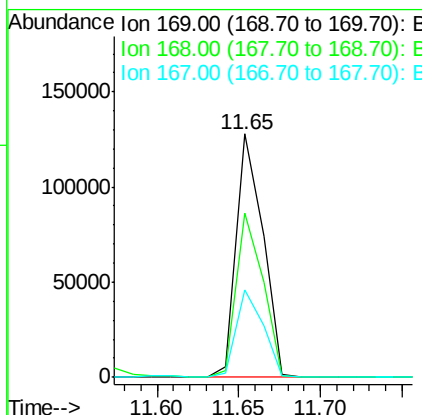
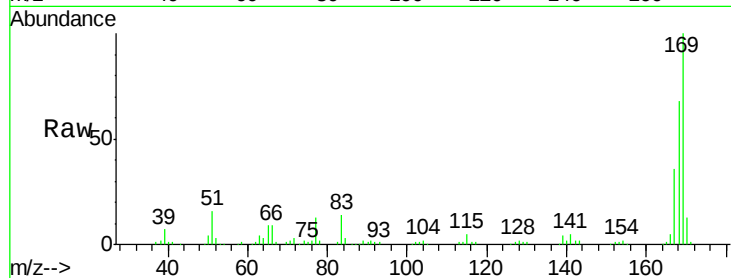




#65
 n-Nitrosodiphenylamine
 Concen: 28.24 ng
 RT: 11.65 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: BF078077.D
 Acq: 28 Mar 2015 12:40

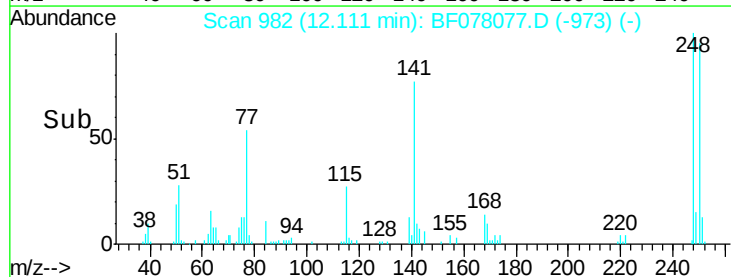
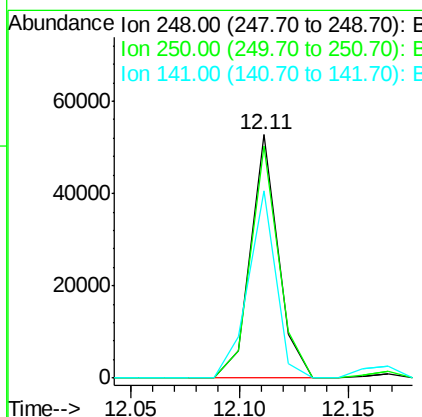
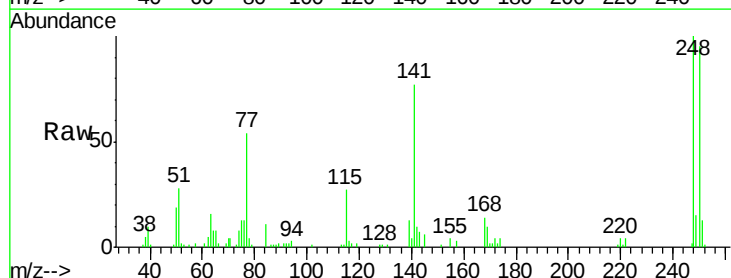
Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-1(1.5-2.0)MSD

Tgt Ion:169 Resp: 143290
 Ion Ratio Lower Upper
 169 100
 168 67.6 53.9 80.9
 167 35.9 28.9 43.3



#66
 4-Bromophenyl-phenylether
 Concen: 28.82 ng
 RT: 12.11 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: BF078077.D
 Acq: 28 Mar 2015 12:40

Tgt Ion:248 Resp: 46875
 Ion Ratio Lower Upper
 248 100
 250 95.4 77.4 116.0
 141 76.8 45.2 67.8#





#67

Hexachlorobenzene

Concen: 28.12 ng

RT: 12.17 min Scan# 987

Delta R.T. -0.00 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

Instrument :

BNA_F

ClientSampleId :

REC-7-1-1(1.5-2.0)MSD

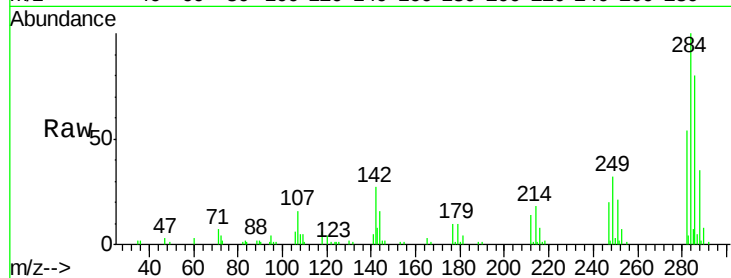
Tgt Ion:284 Resp: 50263

Ion Ratio Lower Upper

284 100

142 27.4 20.4 30.6

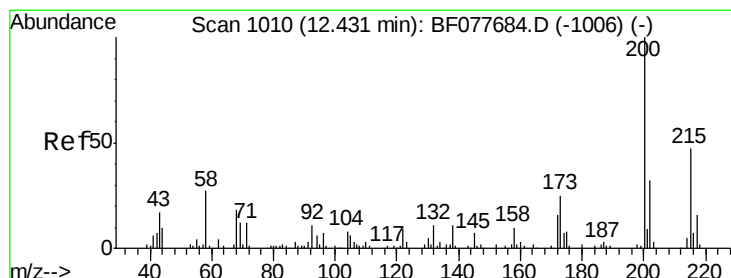
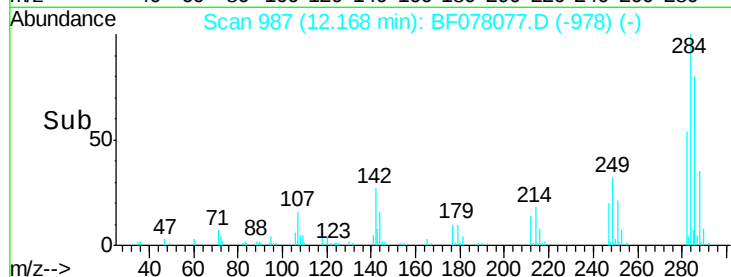
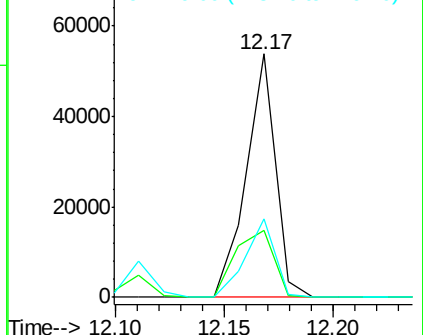
249 32.0 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 33.47 ng

RT: 12.34 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

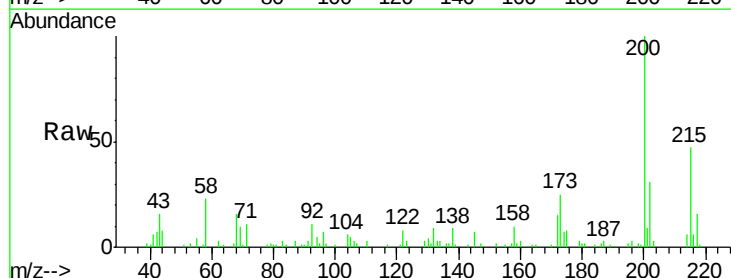
Tgt Ion:200 Resp: 47603

Ion Ratio Lower Upper

200 100

173 24.9 4.8 44.8

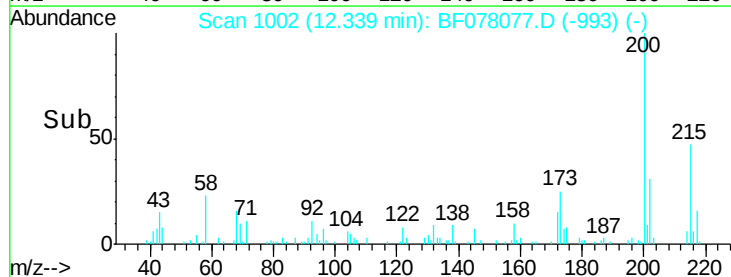
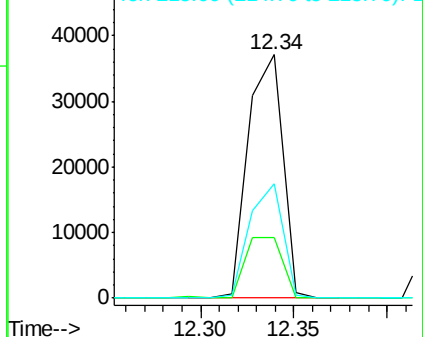
215 47.2 26.9 66.9



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

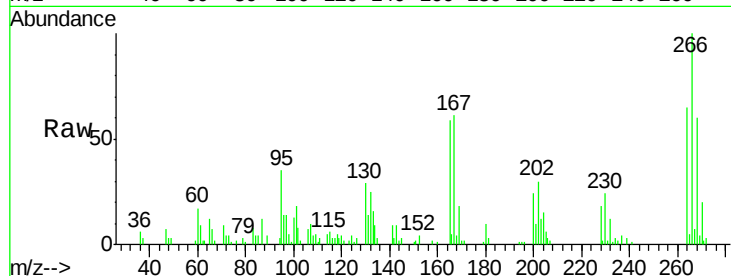




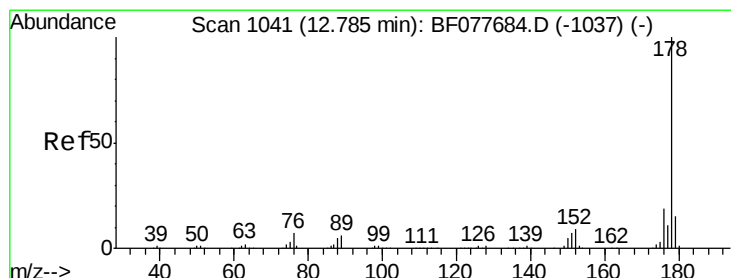
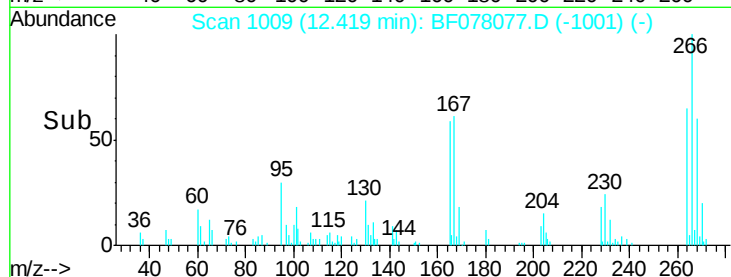
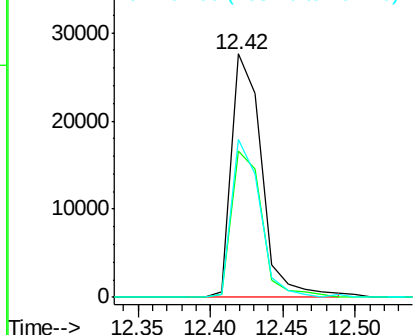
#69
 Pentachlorophenol
 Concen: 44.37 ng
 RT: 12.42 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF078077.D
 Acq: 28 Mar 2015 12:40

Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-1(1.5-2.0)MSD

Tgt Ion: 266 Resp: 40195
 Ion Ratio Lower Upper
 266 100
 268 60.4 52.0 78.0
 264 65.1 49.0 73.4

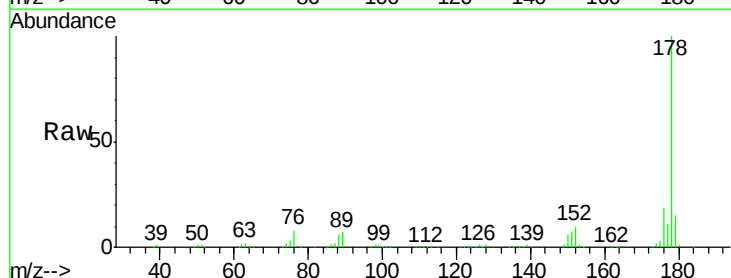


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

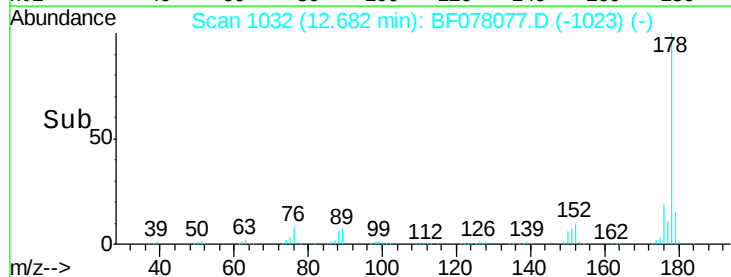
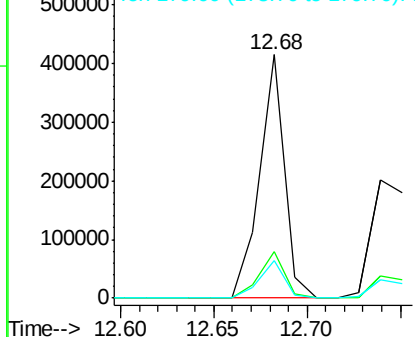


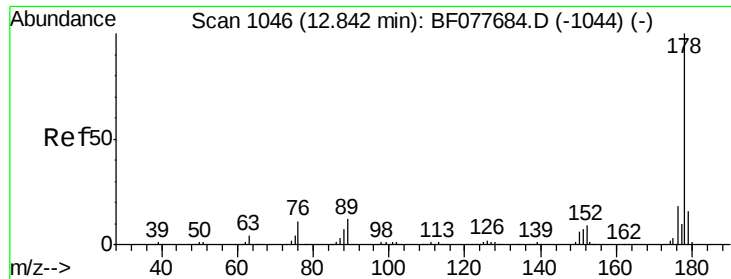
#70
 Phenanthrene
 Concen: 44.33 ng
 RT: 12.68 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF078077.D
 Acq: 28 Mar 2015 12:40

Tgt Ion: 178 Resp: 387872
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.2 22.8
 179 15.3 12.1 18.1



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

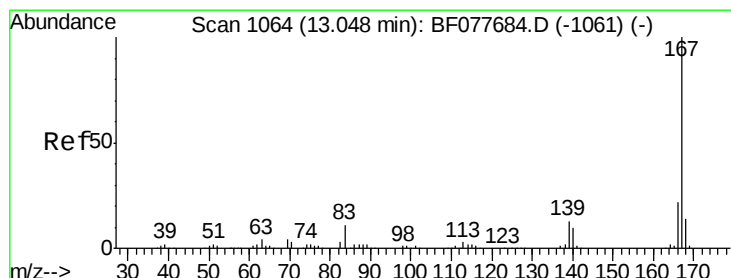
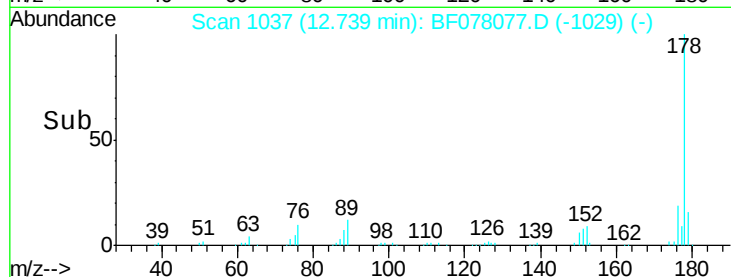
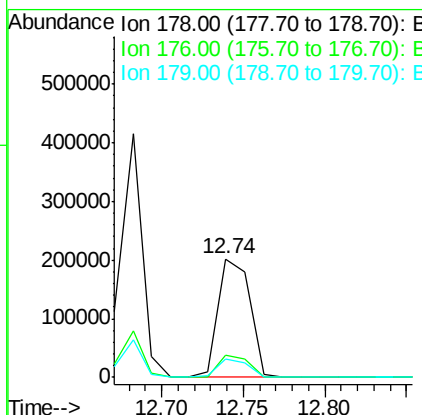
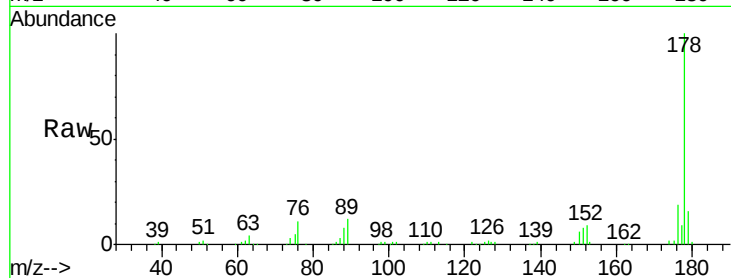




#71
 Anthracene
 Concen: 31.33 ng
 RT: 12.74 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF078077.D
 Acq: 28 Mar 2015 12:40

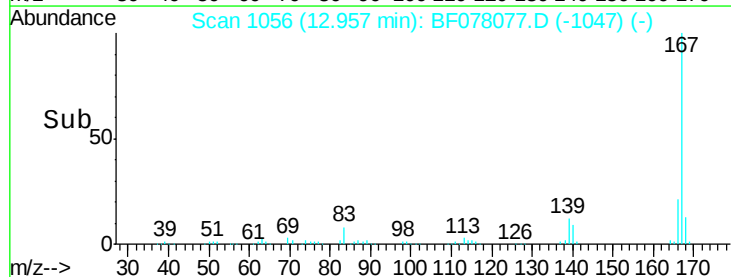
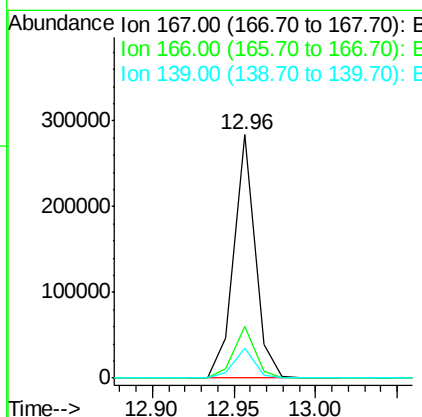
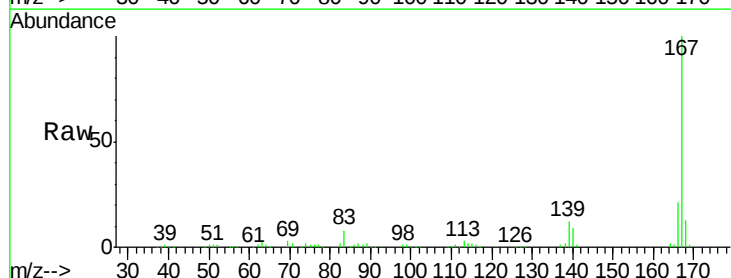
Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-1(1.5-2.0)MSD

Tgt Ion:178 Resp: 270790
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.6 22.0
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 31.28 ng
 RT: 12.96 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BF078077.D
 Acq: 28 Mar 2015 12:40

Tgt Ion:167 Resp: 257178
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 12.3 10.8 16.2

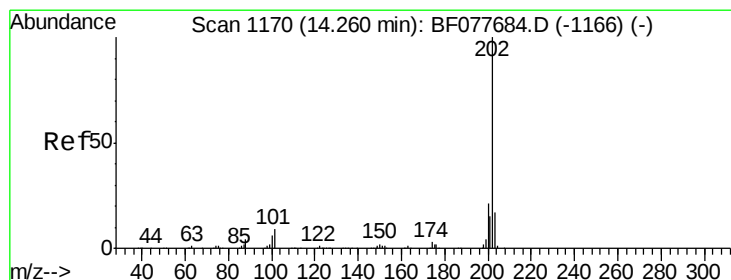
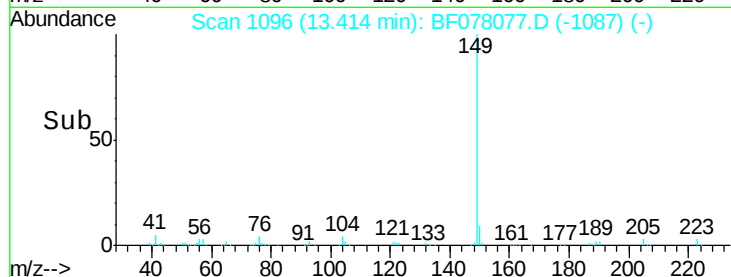
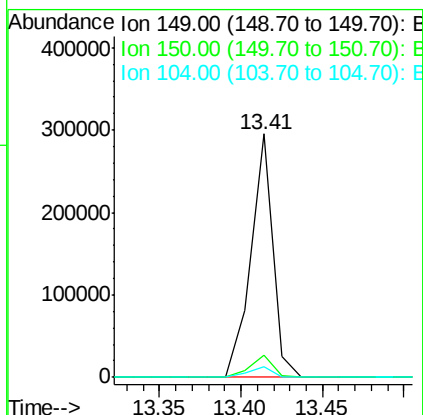
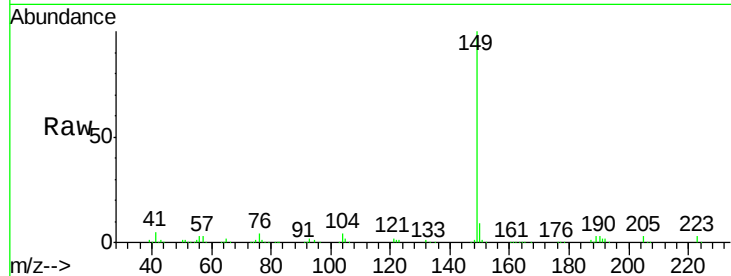




#73
Di-n-butylphthalate
Concen: 29.98 ng
RT: 13.41 min Scan# 1096
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

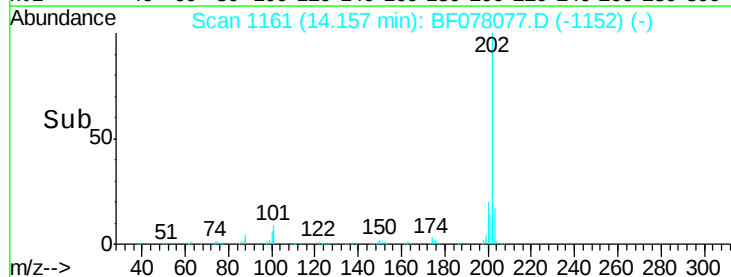
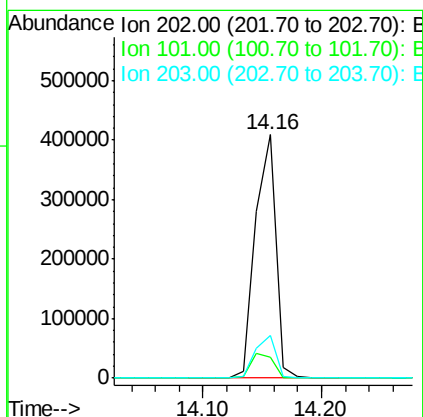
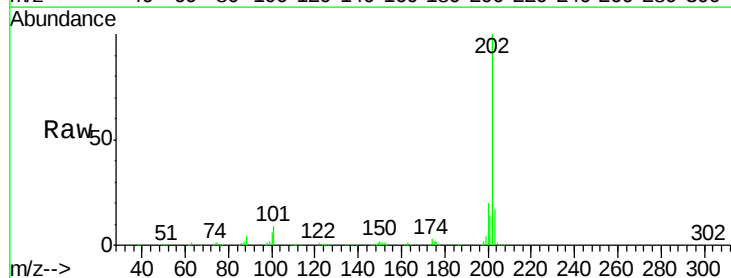
Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

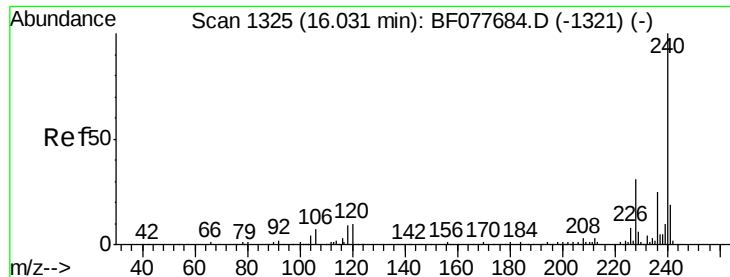
Tgt Ion:149 Resp: 276434
Ion Ratio Lower Upper
149 100
150 9.0 7.5 11.3
104 4.2 3.7 5.5



#74
Fluoranthene
Concen: 51.26 ng
RT: 14.16 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:202 Resp: 494714
Ion Ratio Lower Upper
202 100
101 8.5 0.0 28.7
203 17.3 0.0 37.2

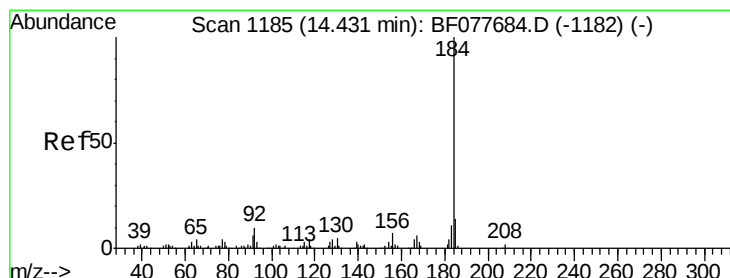
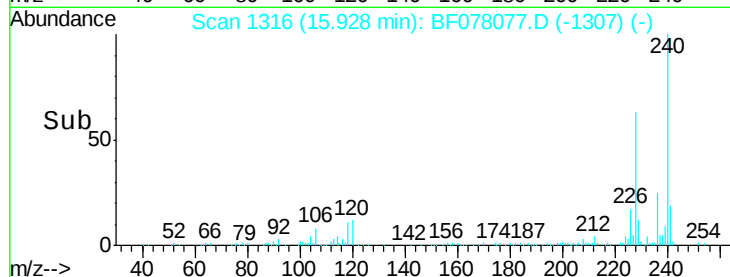
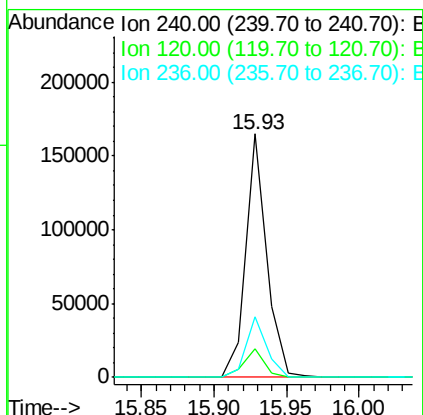
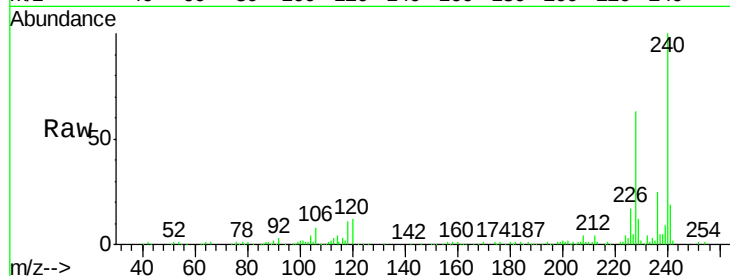




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.93 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

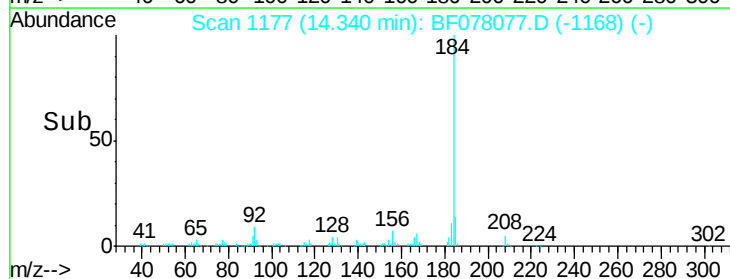
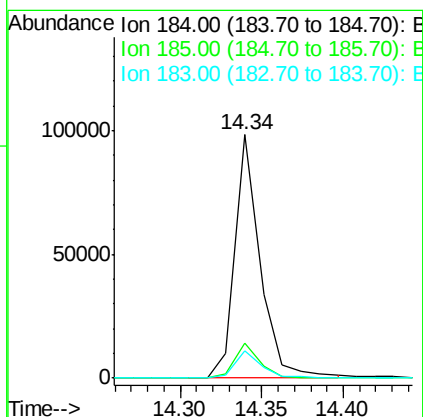
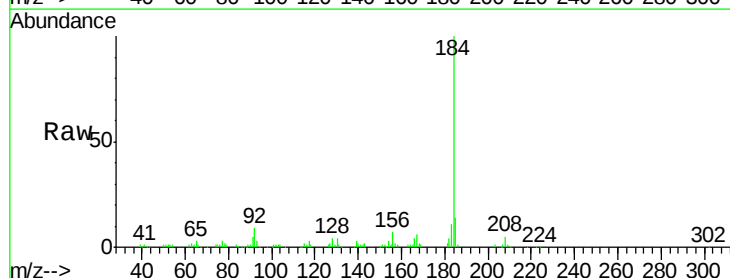
Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

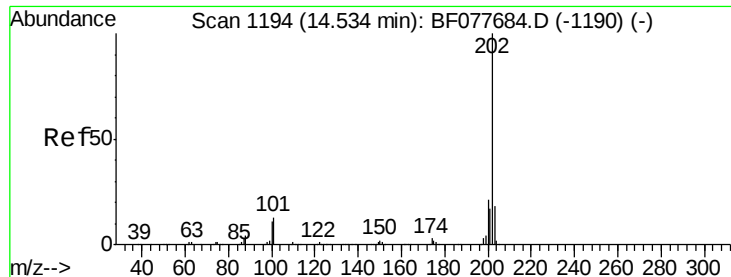
Tgt Ion:240 Resp: 165644
Ion Ratio Lower Upper
240 100
120 11.7 8.2 12.2
236 24.8 20.0 30.0



#76
Benzidine
Concen: 25.42 ng
RT: 14.34 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion:184 Resp: 104891
Ion Ratio Lower Upper
184 100
185 14.3 11.3 16.9
183 11.3 8.9 13.3

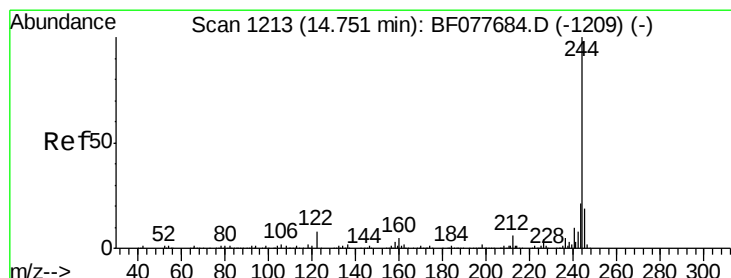
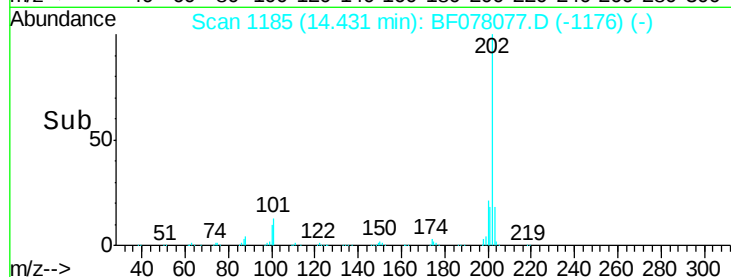
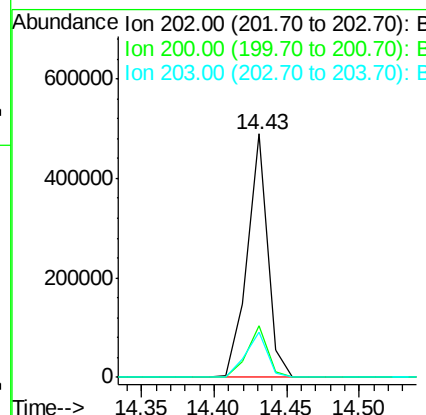
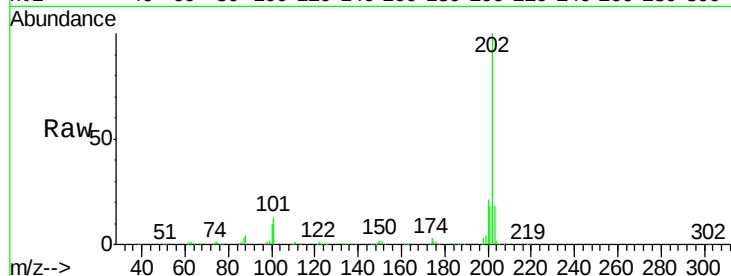




#77
Pyrene
Concen: 46.13 ng
RT: 14.43 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

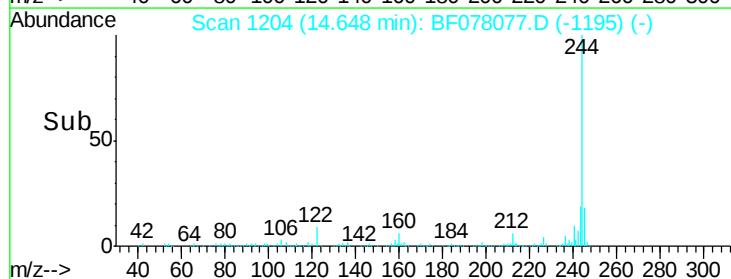
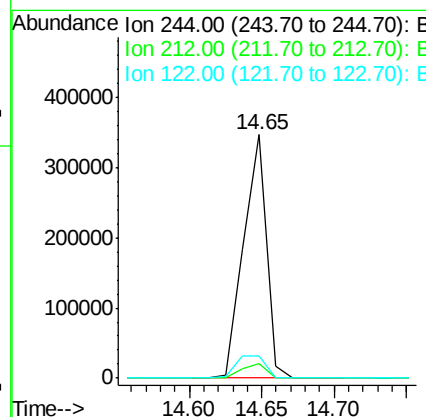
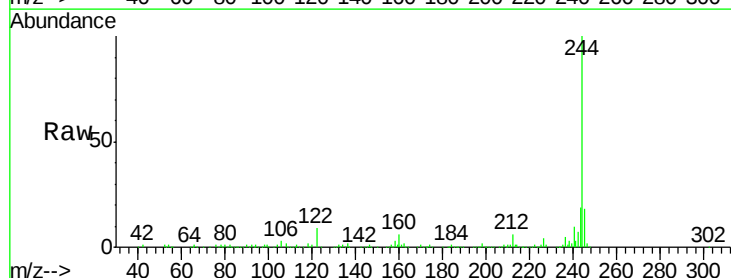
Instrument :
BNA_F
ClientSampleId :
REC-7-1-1(1.5-2.0)MSD

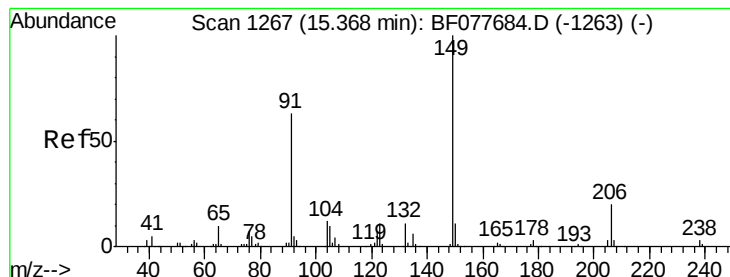
Tgt Ion: 202 Resp: 480511
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 18.4 14.1 21.1



#78
Terphenyl-d14
Concen: 56.09 ng
RT: 14.65 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF078077.D
Acq: 28 Mar 2015 12:40

Tgt Ion: 244 Resp: 380342
Ion Ratio Lower Upper
244 100
212 6.0 4.9 7.3
122 8.9 6.2 9.4





#79

Butylbenzylphthalate

Concen: 29.90 ng

RT: 15.27 min Scan# 1258

Delta R.T. -0.00 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

Instrument :

BNA_F

ClientSampleId :

REC-7-1-1(1.5-2.0)MSD

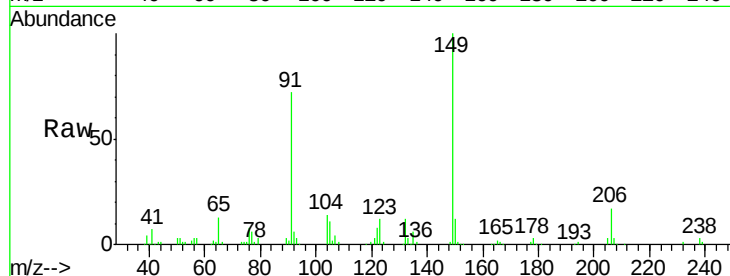
Tgt Ion:149 Resp: 122777

Ion Ratio Lower Upper

149 100

91 71.8 50.1 75.1

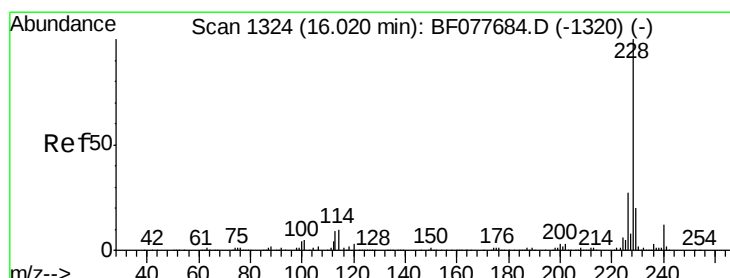
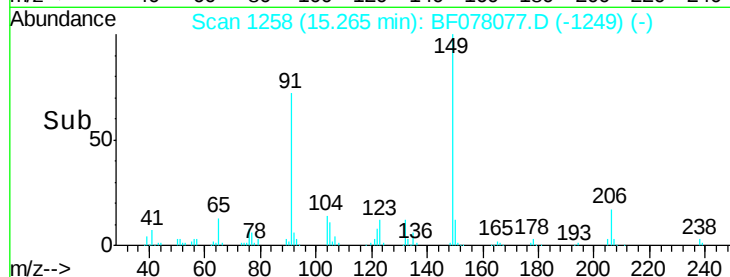
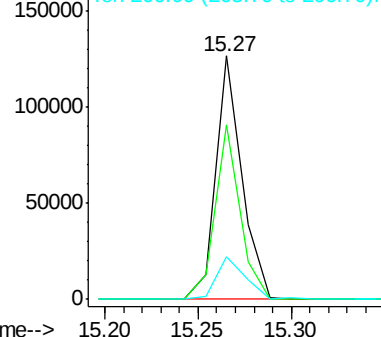
206 17.3 16.2 24.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.74 ng

RT: 15.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

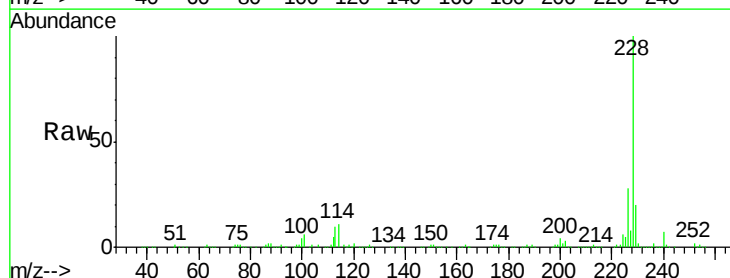
Tgt Ion:228 Resp: 380347

Ion Ratio Lower Upper

228 100

226 27.7 21.7 32.5

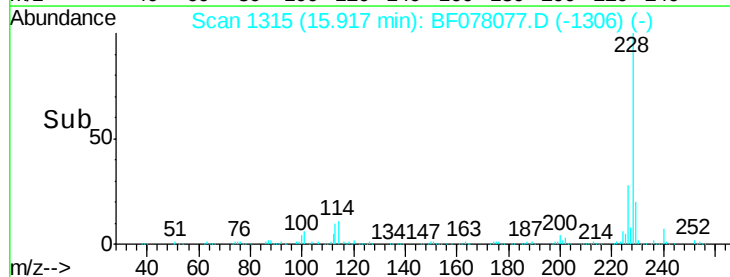
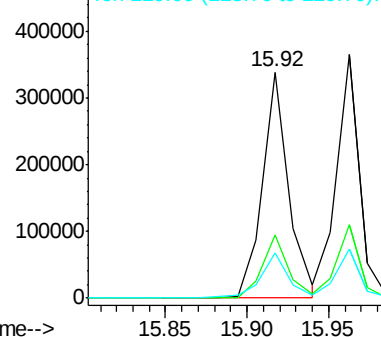
229 20.2 16.0 24.0



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

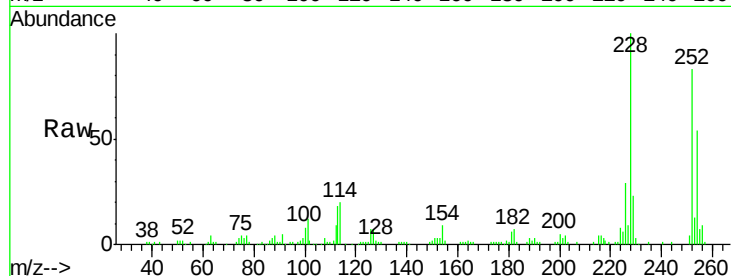




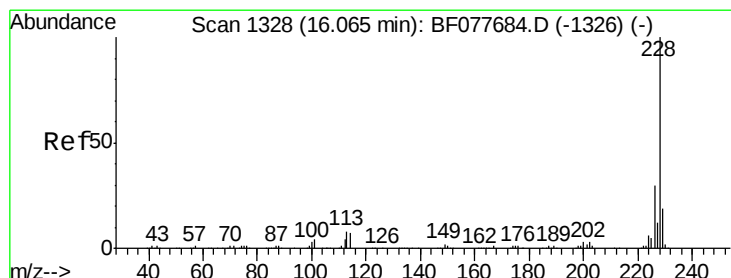
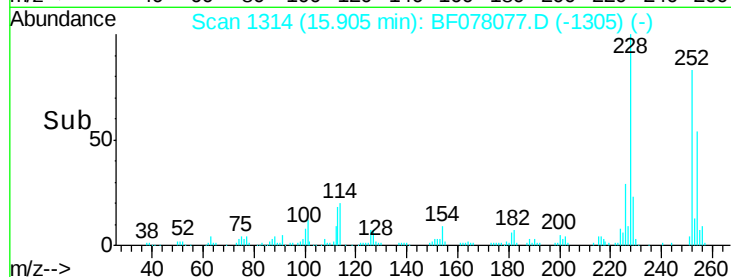
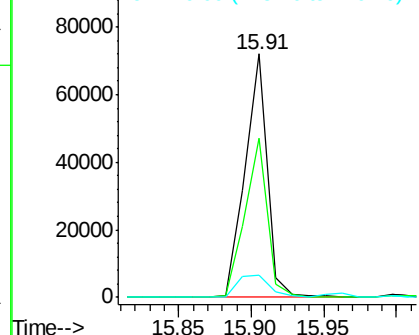
#81
 3,3'-Dichlorobenzidine
 Concen: 23.70 ng
 RT: 15.91 min Scan# 1314
 Delta R.T. -0.00 min
 Lab File: BF078077.D
 Acq: 28 Mar 2015 12:40

Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-1(1.5-2.0)MSD

Tgt Ion:252 Resp: 76766
 Ion Ratio Lower Upper
 252 100
 254 65.1 51.9 77.9
 126 9.0 9.8 14.8#

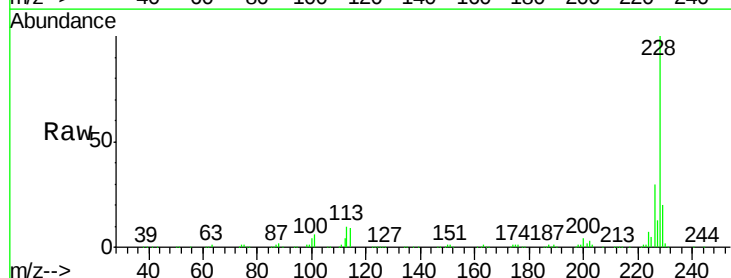


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

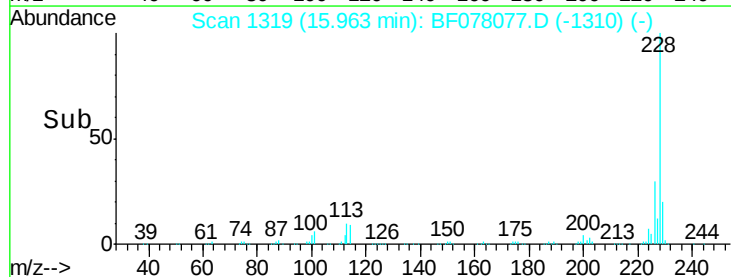
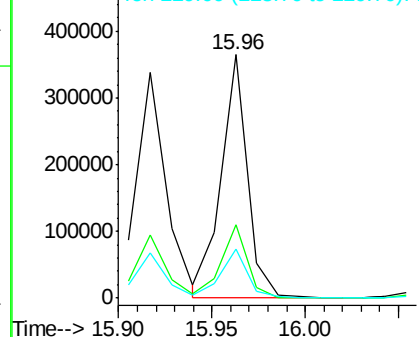


#82
 Chrysene
 Concen: 40.30 ng
 RT: 15.96 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF078077.D
 Acq: 28 Mar 2015 12:40

Tgt Ion:228 Resp: 355777
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.1 36.1
 229 20.2 15.5 23.3



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

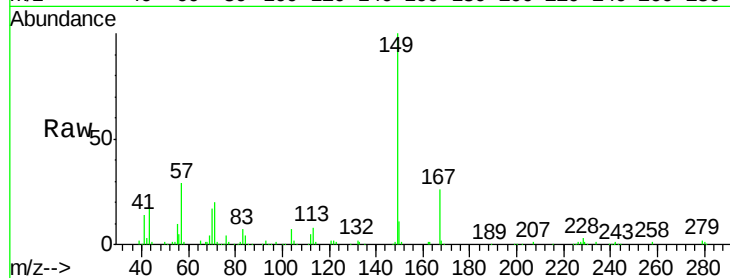




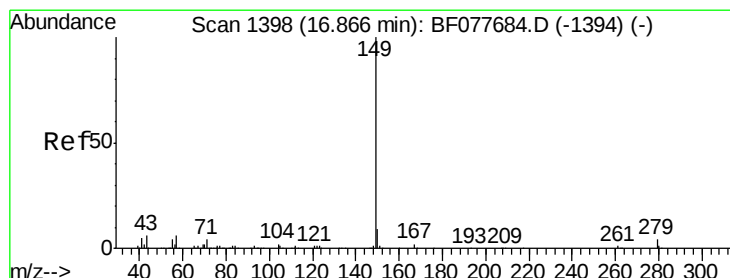
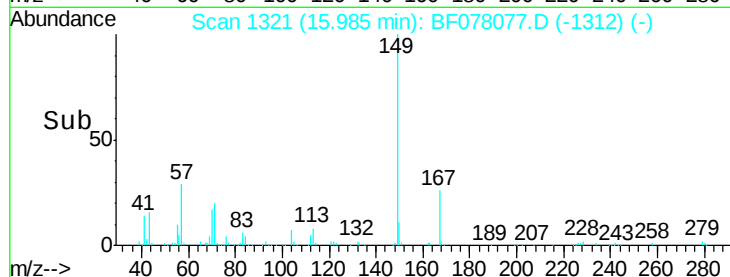
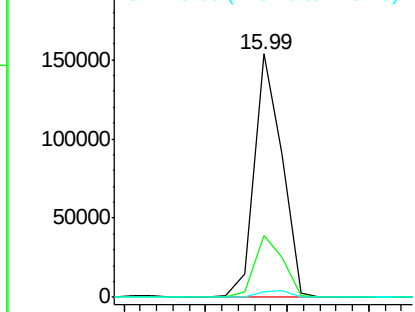
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 29.18 ng
 RT: 15.99 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BF078077.D
 Acq: 28 Mar 2015 12:40

Instrument :
 BNA_F
 ClientSampleId :
 REC-7-1-1(1.5-2.0)MSD

Tgt Ion:149 Resp: 181531
 Ion Ratio Lower Upper
 149 100
 167 25.6 22.4 33.6
 279 2.3 3.4 5.0#

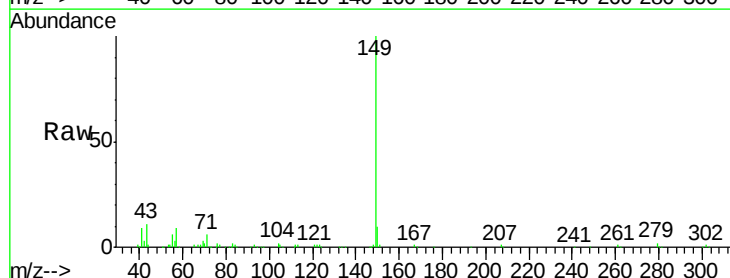


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

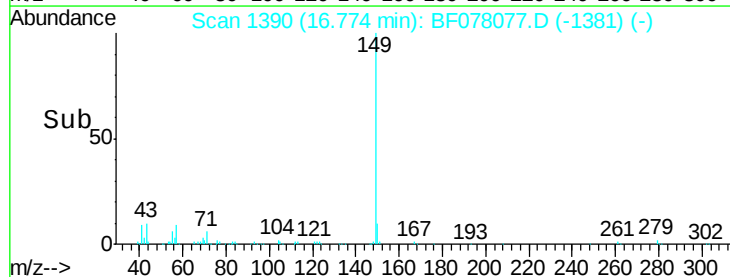
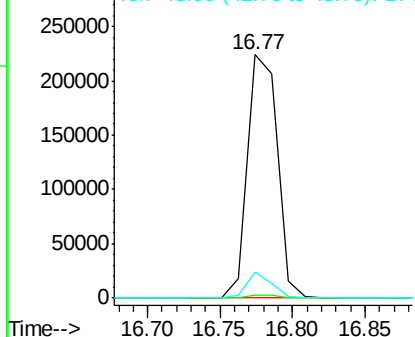


#84
 Di-n-octyl phthalate
 Concen: 29.90 ng
 RT: 16.77 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BF078077.D
 Acq: 28 Mar 2015 12:40

Tgt Ion:149 Resp: 318058
 Ion Ratio Lower Upper
 149 100
 167 1.3 1.2 1.8
 43 8.5 7.3 10.9



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: 33.62 ng

RT: 18.99 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

Instrument :

BNA_F

ClientSampleId :

REC-7-1-1(1.5-2.0)MSD

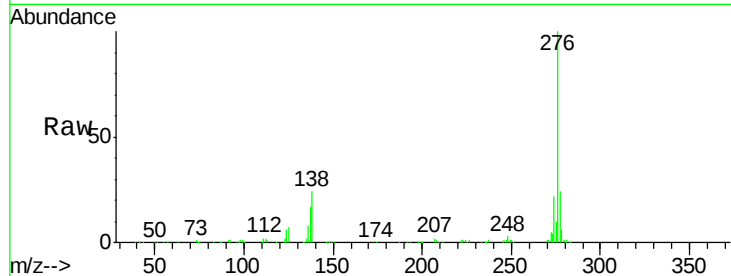
Tgt Ion:276 Resp: 370516

Ion Ratio Lower Upper

276 100

138 29.1 0.0 0.0#

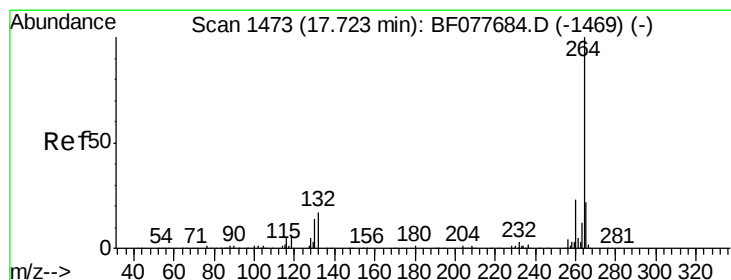
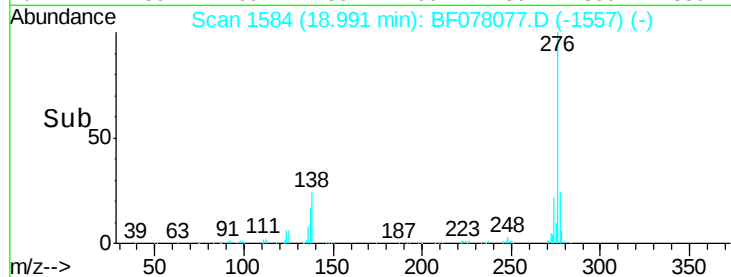
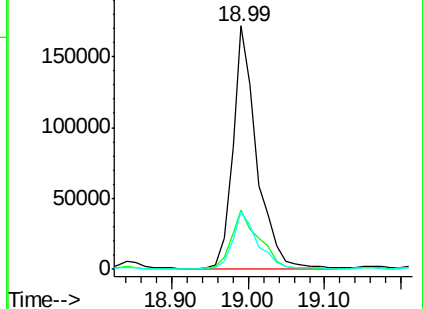
277 26.7 0.0 0.0#



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: 17.65 min Scan# 1467

Delta R.T. 0.02 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

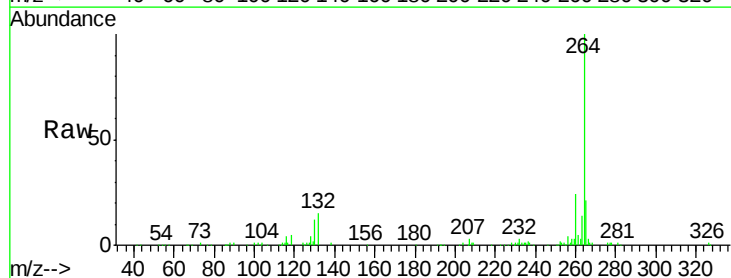
Tgt Ion:264 Resp: 164155

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

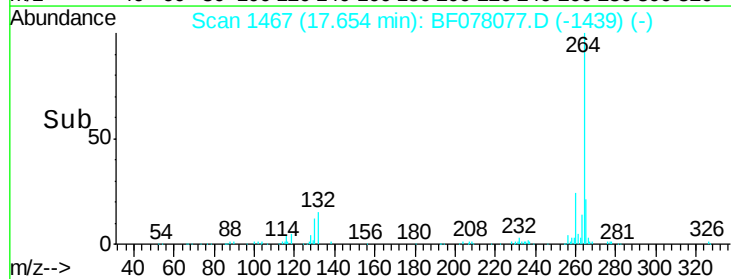
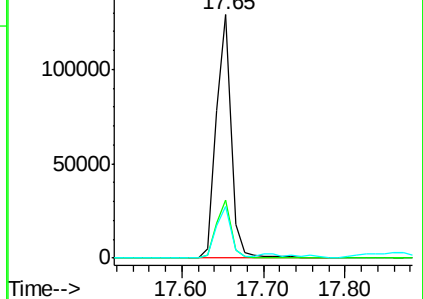
265 21.4 17.3 25.9

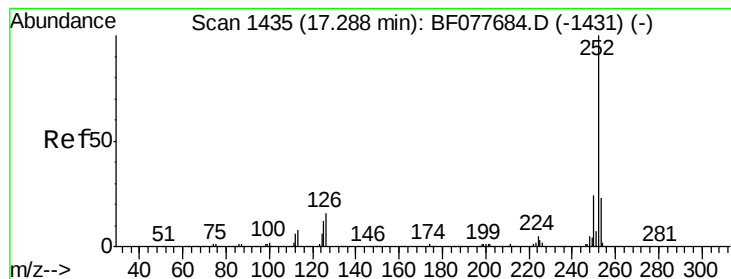


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 65.51 ng

RT: 17.21 min Scan# 1428

Delta R.T. 0.01 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

Instrument :

BNA_F

ClientSampleId :

REC-7-1-1(1.5-2.0)MSD

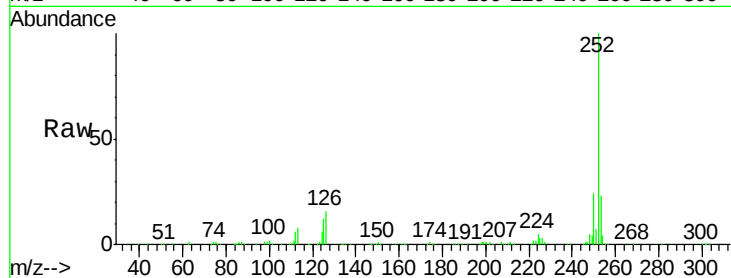
Tgt Ion:252 Resp: 702039

Ion Ratio Lower Upper

252 100

253 22.9 18.0 27.0

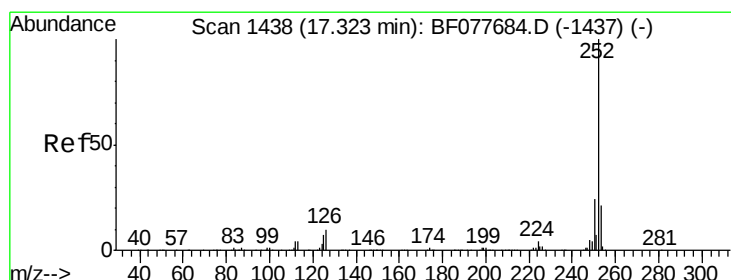
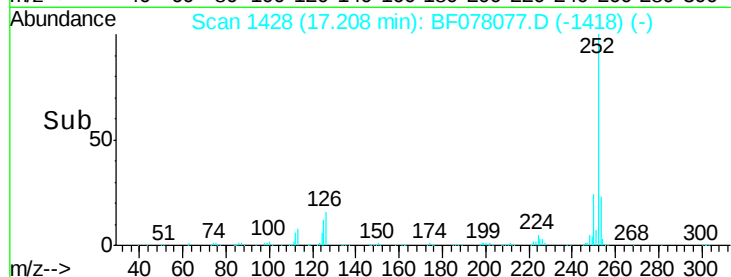
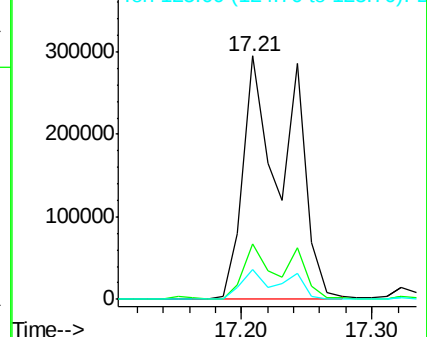
125 12.0 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 84.65 ng

RT: 17.21 min Scan# 1428

Delta R.T. -0.02 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

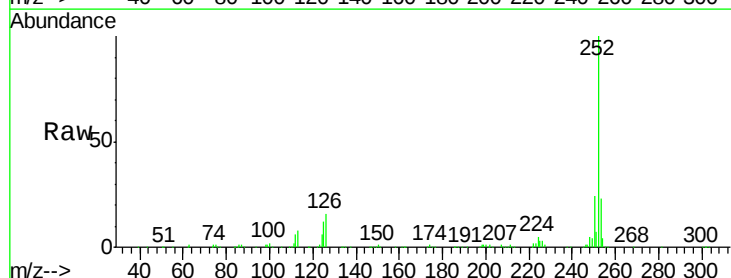
Tgt Ion:252 Resp: 708541

Ion Ratio Lower Upper

252 100

253 22.9 17.2 25.8

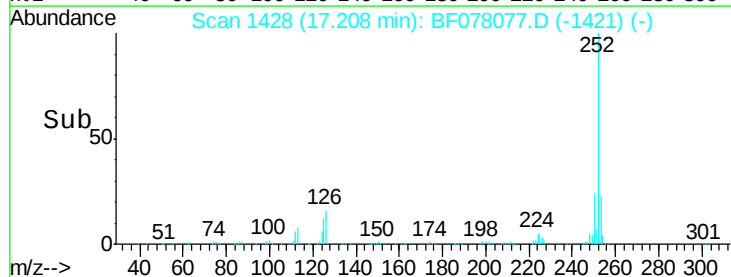
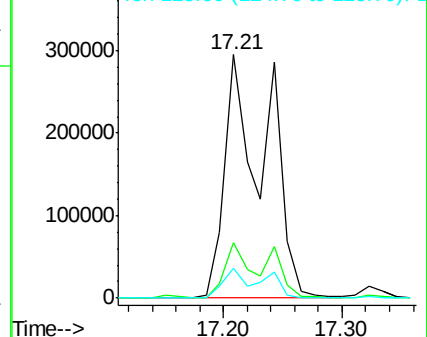
125 12.0 8.1 12.1

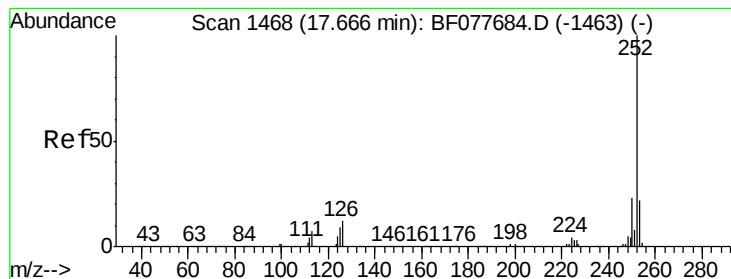


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.78 ng

RT: 17.59 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

Instrument :

BNA_F

ClientSampleId :

REC-7-1-1(1.5-2.0)MSD

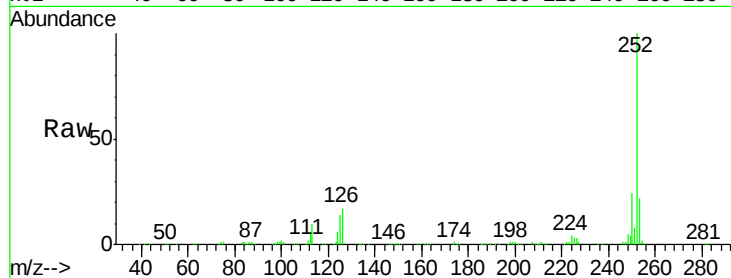
Tgt Ion:252 Resp: 346743

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

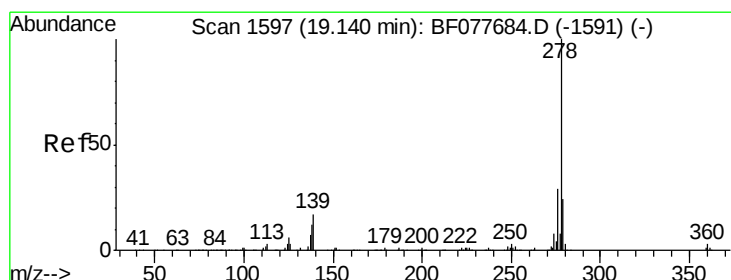
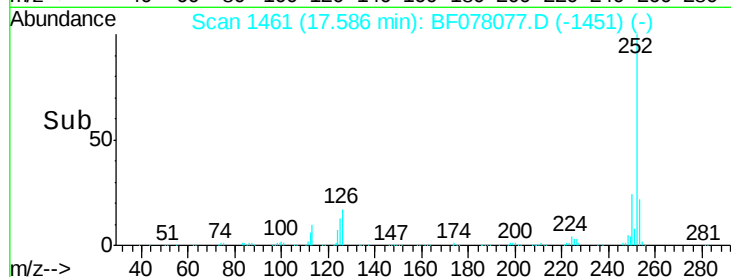
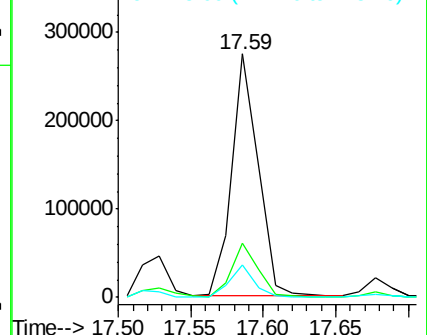
125 13.5 7.4 11.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 29.86 ng

RT: 19.03 min Scan# 1587

Delta R.T. 0.02 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

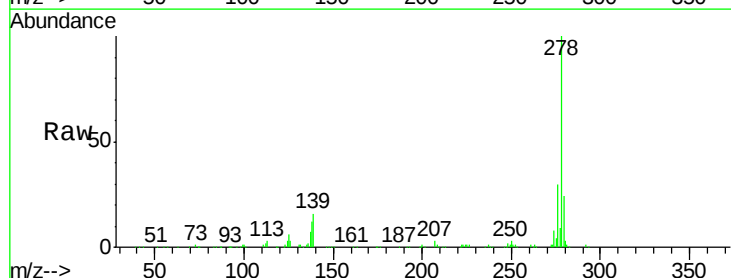
Tgt Ion:278 Resp: 264820

Ion Ratio Lower Upper

278 100

139 15.7 13.4 20.0

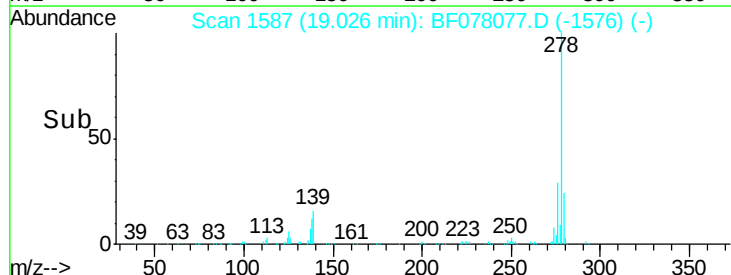
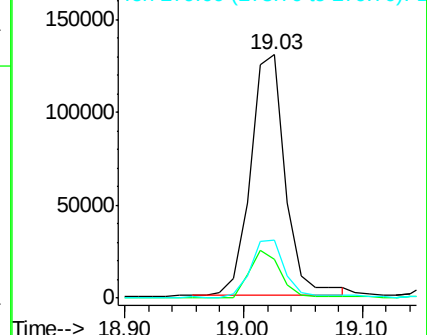
279 24.0 19.0 28.4

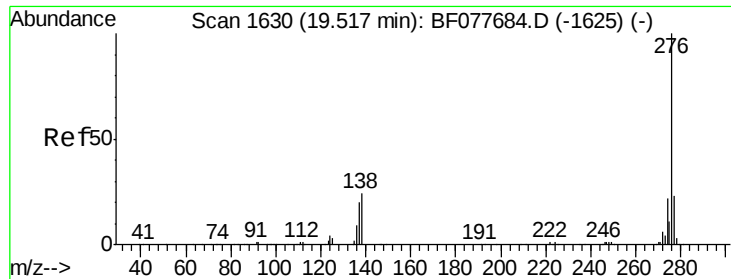


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 35.74 ng

RT: 19.39 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BF078077.D

Acq: 28 Mar 2015 12:40

Instrument :

BNA_F

ClientSampleId :

REC-7-1-1(1.5-2.0)MSD

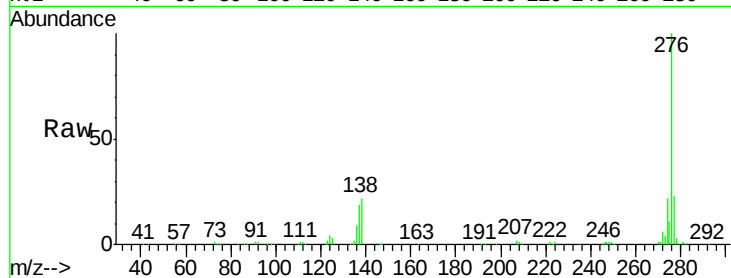
Tgt Ion: 276 Resp: 322656

Ion Ratio Lower Upper

276 100

277 23.0 18.5 27.7

138 22.0 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

