

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031015\
 Data File : BF077672.D
 Acq On : 10 Mar 2015 20:32
 Operator : TP/IZ
 Sample : G1442-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MSD

Quant Time: Mar 11 00:16:52 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 11 00:54:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	51805	20.00	ng	0.00
21) Naphthalene-d8	8.76	136	206902	20.00	ng	0.00
38) Acenaphthene-d10	10.93	164	102553	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	194834	20.00	ng	0.00
75) Chrysene-d12	16.09	240	215906	20.00	ng	0.01
86) Perylene-d12	17.97	264	219788	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	238469	76.85	ng	0.00
7) Phenol-d6	6.75	99	311170	77.99	ng	0.00
23) Nitrobenzene-d5	7.88	82	172853	51.95	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	71868	72.78	ng	0.00
44) 2-Fluorobiphenyl	10.11	172	365229	55.53	ng	0.00
78) Terphenyl-d14	14.77	244	425479	46.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.10	88	28740	21.83	ng	99
3) Pyridine	2.83	79	82040	21.78	ng	94
4) n-Nitrosodimethylamine	2.74	42	37067	22.63	ng	93
6) Aniline	6.77	93	82024	14.87	ng	# 86
8) 2-Chlorophenol	6.91	128	86809	23.71	ng	99
9) Benzaldehyde	6.63	77	10567	4.36	ng	91
10) Phenol	6.76	94	117230	24.76	ng	83
11) bis(2-Chloroethyl)ether	6.88	93	83536	24.56	ng	97
12) 1,3-Dichlorobenzene	7.11	146	93541	23.47	ng	96
13) 1,4-Dichlorobenzene	7.21	146	93956	23.17	ng	99
14) 1,2-Dichlorobenzene	7.39	146	89632	23.24	ng	99
15) Benzyl Alcohol	7.37	79	71408	23.54	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.55	45	111027	22.83	ng	100
17) 2-Methylphenol	7.52	107	70585	24.67	ng	98
18) Hexachloroethane	7.81	117	30720	22.68	ng	# 76
19) n-Nitroso-di-n-propylamine	7.70	70	69354	27.37	ng	96
20) 3+4-Methylphenols	7.71	107	90782	24.09	ng	# 74
22) Acetophenone	7.69	105	115501	23.73	ng	# 90
24) Nitrobenzene	7.90	77	87559	25.01	ng	# 96
25) Isophorone	8.20	82	172494	26.13	ng	# 98
26) 2-Nitrophenol	8.30	139	42412	29.56	ng	90
27) 2,4-Dimethylphenol	8.36	122	78398	24.42	ng	99
28) bis(2-Chloroethoxy)methane	8.48	93	99322	23.82	ng	# 93
29) 2,4-Dichlorophenol	8.59	162	76807	25.49	ng	92
30) 1,2,4-Trichlorobenzene	8.69	180	76844	23.20	ng	98
31) Naphthalene	8.79	128	273784	26.46	ng	100
32) Benzoic acid	8.45	122	17843	11.44	ng	# 21
33) 4-Chloroaniline	8.86	127	79334	17.25	ng	# 94
34) Hexachlorobutadiene	8.95	225	42814	22.64	ng	99
35) Caprolactam	9.27	113	23153	25.17	ng	# 57
36) 4-Chloro-3-methylphenol	9.47	107	75851	25.04	ng	98
37) 2-Methylnaphthalene	9.65	142	398565	54.24	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.85	216	70131	23.83	ng	# 95
40) Hexachlorocyclopentadiene	9.84	237	60378	38.27	ng	95

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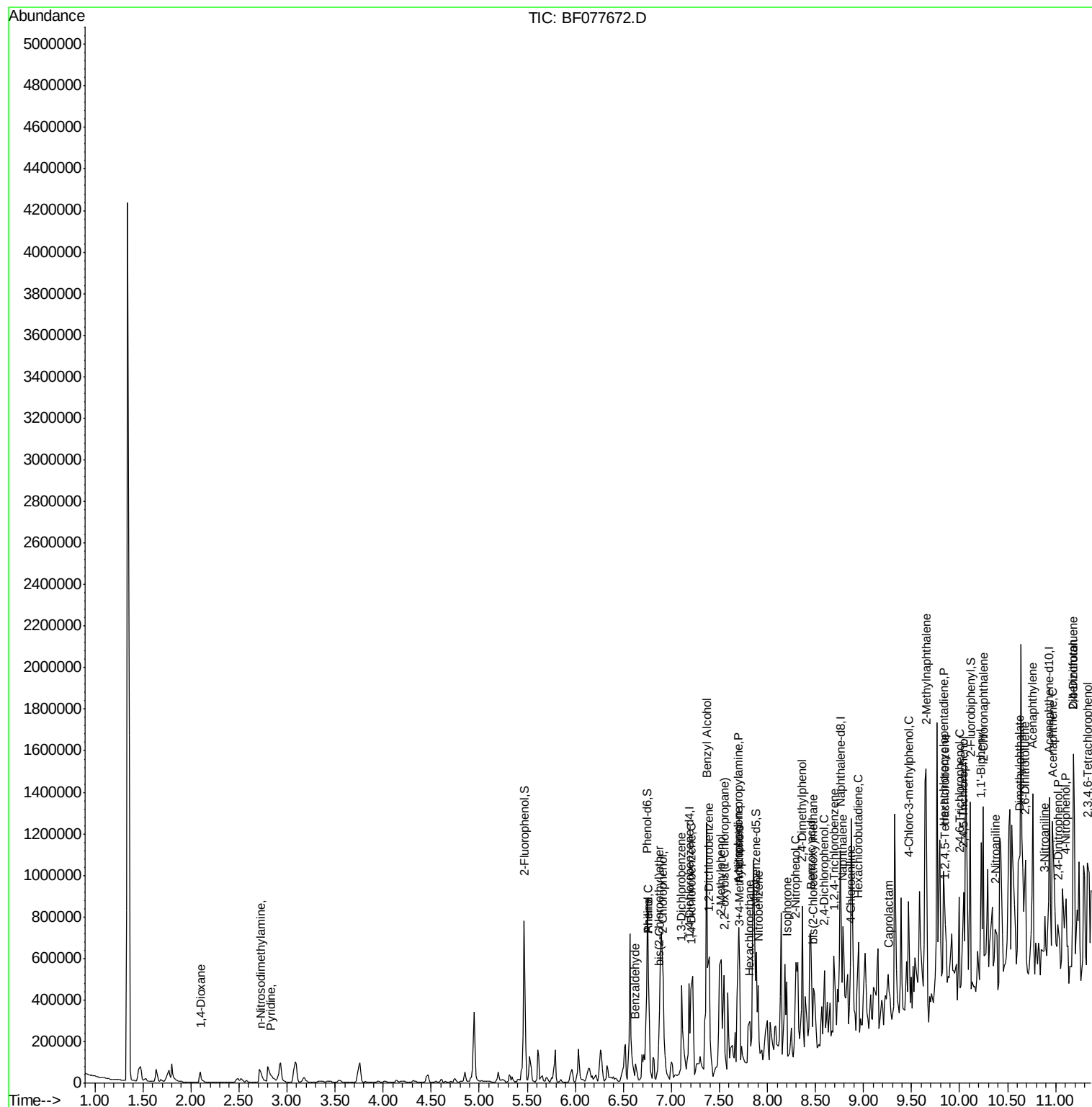
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.00	196	51899	26.63	ng	98
43) 2,4,5-Trichlorophenol	10.04	196	54463	26.14	ng #	82
45) 1,1'-Biphenyl	10.23	154	199912	25.73	ng	97
46) 2-Chloronaphthalene	10.25	162	161755	26.55	ng	97
47) 2-Nitroaniline	10.38	65	41472	27.65	ng	97
48) Acenaphthylene	10.76	152	262536	27.22	ng	96
49) Dimethylphthalate	10.62	163	194696	27.01	ng	100
50) 2,6-Dinitrotoluene	10.69	165	39173	27.10	ng #	31
51) Acenaphthene	10.97	154	153960	26.75	ng	98
52) 3-Nitroaniline	10.89	138	49222	29.53	ng	88
53) 2,4-Dinitrophenol	11.03	184	20144	45.79	ng #	72
54) Dibenzofuran	11.19	168	241461	27.17	ng	95
55) 4-Nitrophenol	11.10	139	82081	61.23	ng #	72
56) 2,4-Dinitrotoluene	11.19	165	61698	31.58	ng #	82
57) Fluorene	11.61	166	221627	31.19	ng	96
58) 2,3,4,6-Tetrachlorophenol	11.34	232	42603	25.43	ng #	66
59) Diethylphthalate	11.49	149	180450	25.39	ng	98
60) 4-Chlorophenyl-phenylether	11.62	204	80274	23.45	ng #	81
61) 4-Nitroaniline	11.64	138	44324	27.75	ng	88
62) Azobenzene	11.82	77	182114	27.01	ng	92
64) 4,6-Dinitro-2-methylphenol	11.69	198	17161	24.08	ng #	36
65) n-Nitrosodiphenylamine	11.77	169	230722	35.69	ng	89
66) 4-Bromophenyl-phenylether	12.23	248	50177	21.99	ng #	84
67) Hexachlorobenzene	12.29	284	51783	21.15	ng #	89
68) Atrazine	12.44	200	54077	25.73	ng	98
69) Pentachlorophenol	12.54	266	60363	46.90	ng	95
70) Phenanthrene	12.80	178	358064	31.71	ng	99
71) Anthracene	12.86	178	281756	25.14	ng	98
72) Carbazole	13.07	167	268151	25.17	ng	98
73) Di-n-butylphthalate	13.53	149	294703	23.55	ng	99
74) Fluoranthene	14.27	202	302278	24.51	ng	97
76) Benzidine	14.46	184	180719	24.77	ng	98
77) Pyrene	14.55	202	335862	25.43	ng	98
79) Butylbenzylphthalate	15.40	149	130824	24.08	ng #	79
80) Benzo(a)anthracene	16.08	228	305267	24.12	ng	99
81) 3,3'-Dichlorobenzidine	16.06	252	88778	19.15	ng	97
82) Chrysene	16.13	228	290218	24.43	ng	99
83) Bis(2-ethylhexyl)phthalate	16.15	149	197734	22.69	ng #	96
84) Di-n-octyl phthalate	17.01	149	338569	23.27	ng	99
85) Indeno(1,2,3-cd)pyrene	19.41	276	343577	25.36	ng	98
87) Benzo(b)fluoranthene	17.51	252	300265	23.49	ng	99
88) Benzo(k)fluoranthene	17.51	252	299981	23.95	ng #	95
89) Benzo(a)pyrene	17.90	252	299086	24.57	ng	99
90) Dibenzo(a,h)anthracene	19.44	278	290631	25.03	ng	99
91) Benzo(g,h,i)perylene	19.82	276	293401	25.04	ng	96

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

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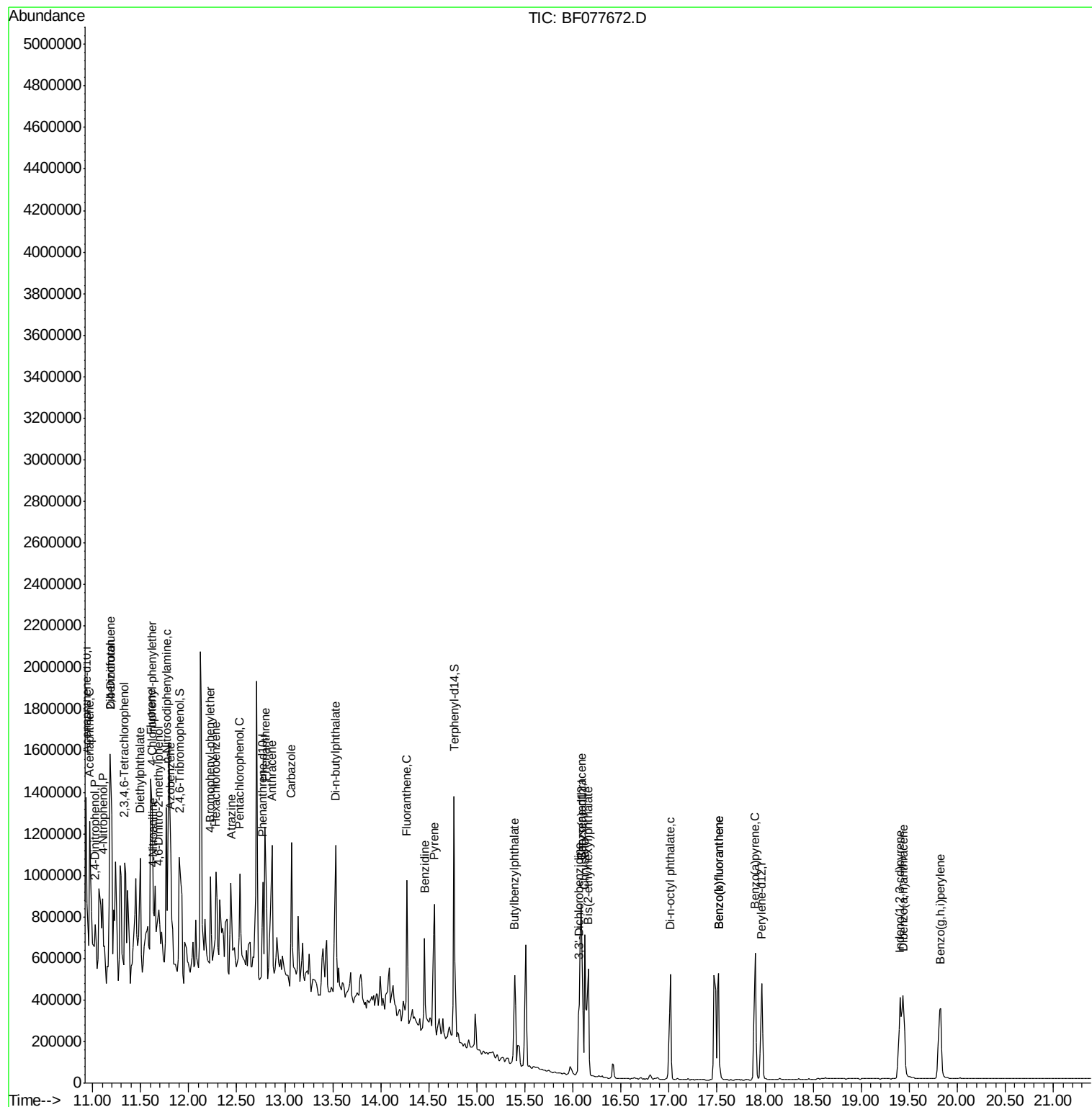
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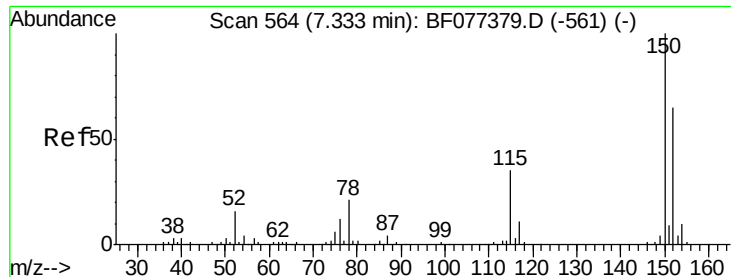


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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.18 min Scan# 551

Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Instrument :

BNA_F

ClientSampleId :

B2(8-9)MSD

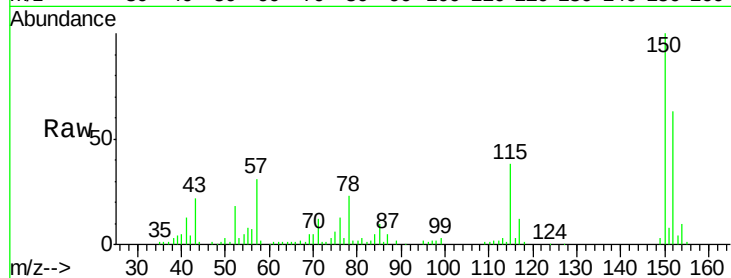
Tgt Ion:152 Resp: 51805

Ion Ratio Lower Upper

152 100

150 158.5 124.0 186.0

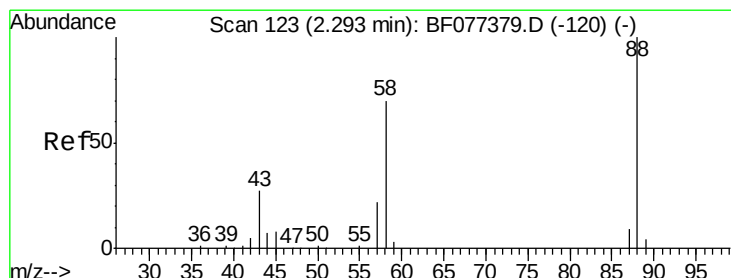
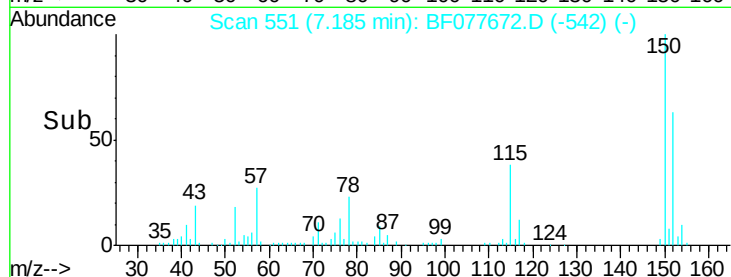
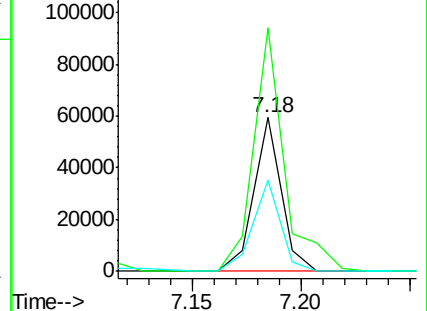
115 59.6 49.4 74.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 21.83 ng

RT: 2.10 min Scan# 106

Delta R.T. 0.02 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

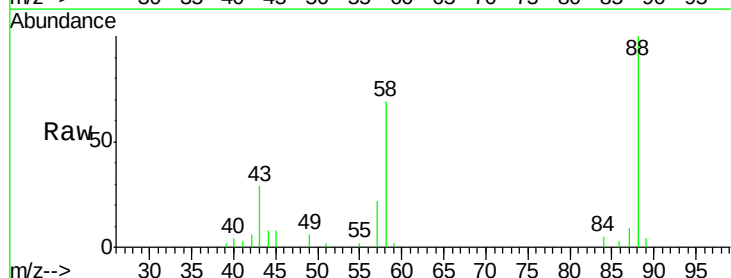
Tgt Ion: 88 Resp: 28740

Ion Ratio Lower Upper

88 100

58 76.4 62.1 93.1

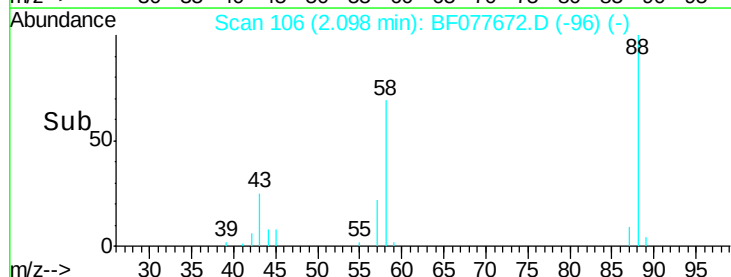
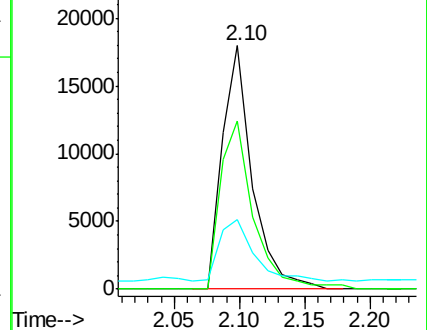
43 29.9 24.0 36.0

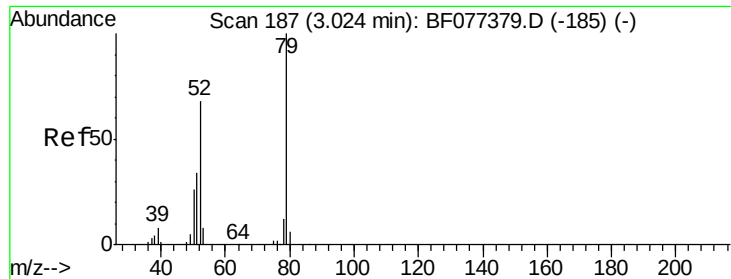


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

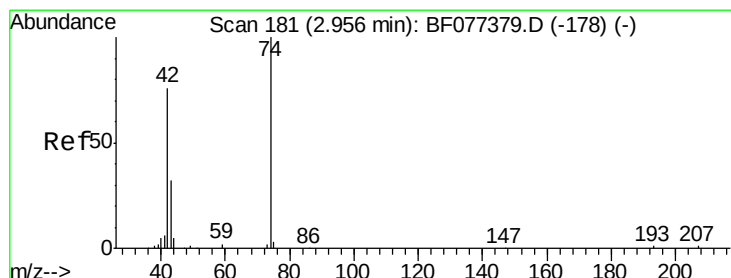
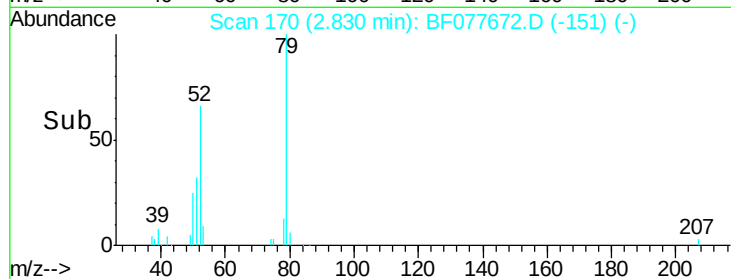
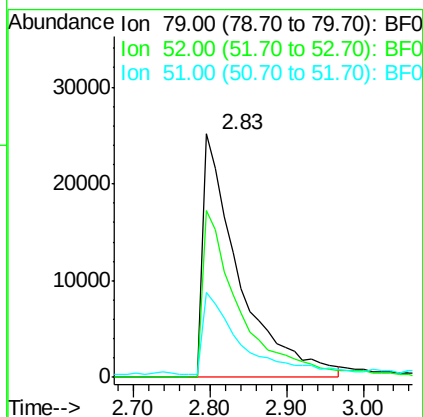
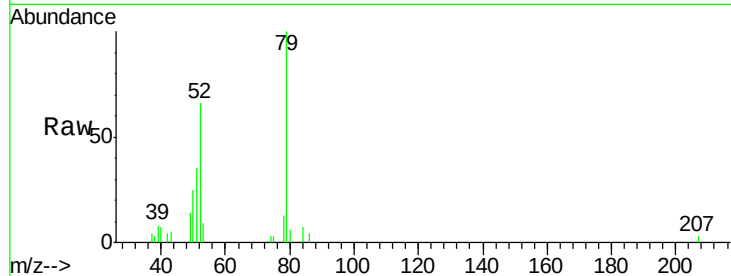




#3
 Pyridine
 Concen: 21.78 ng
 RT: 2.83 min Scan# 170
 Delta R.T. 0.03 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

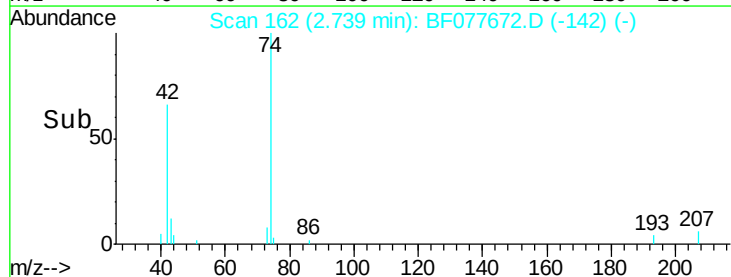
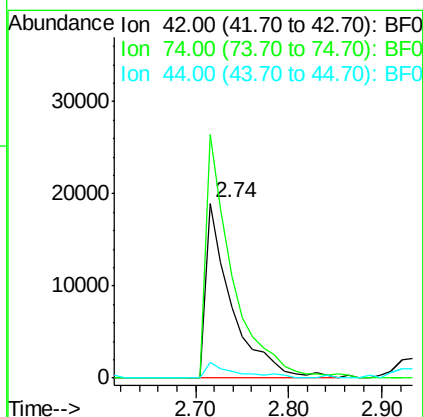
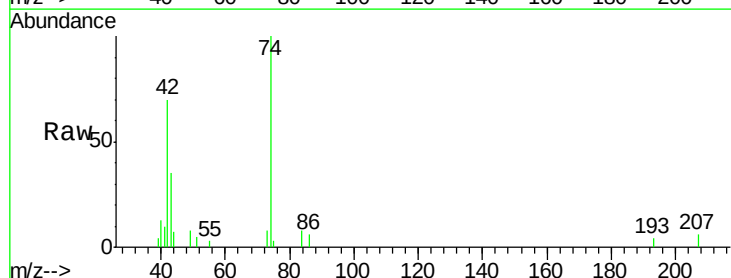
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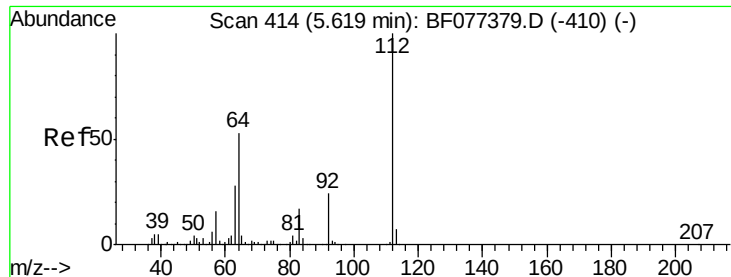
Tgt Ion: 79 Resp: 82040
 Ion Ratio Lower Upper
 79 100
 52 65.7 57.7 86.5
 51 34.6 28.5 42.7



#4
 n-Nitrosodimethylamine
 Concen: 22.63 ng
 RT: 2.74 min Scan# 162
 Delta R.T. 0.03 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Tgt Ion: 42 Resp: 37067
 Ion Ratio Lower Upper
 42 100
 74 142.2 107.1 160.7
 44 9.6 6.7 10.1





#5

2-Fluorophenol

Concen: 76.85 ng

RT: 5.47 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Instrument :

BNA_F

ClientSampleId :

B2(8-9)MSD

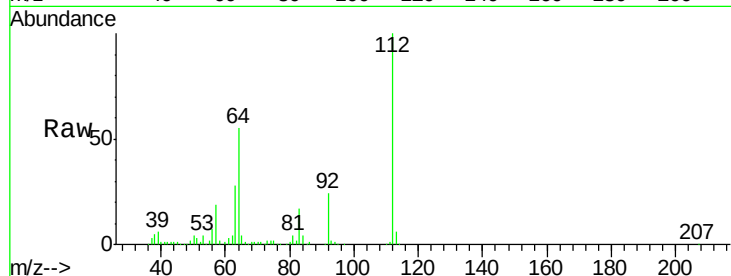
Tgt Ion: 112 Resp: 238469

Ion Ratio Lower Upper

112 100

64 55.1 48.5 72.7

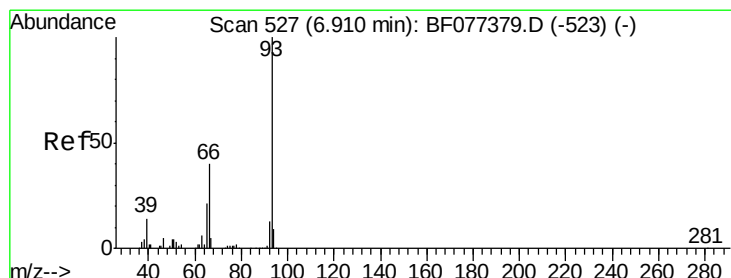
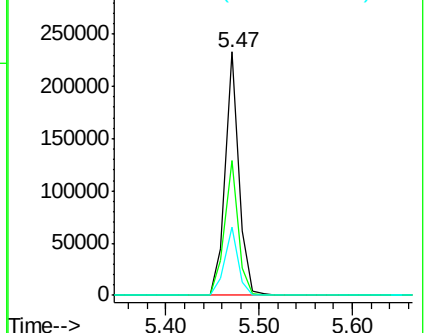
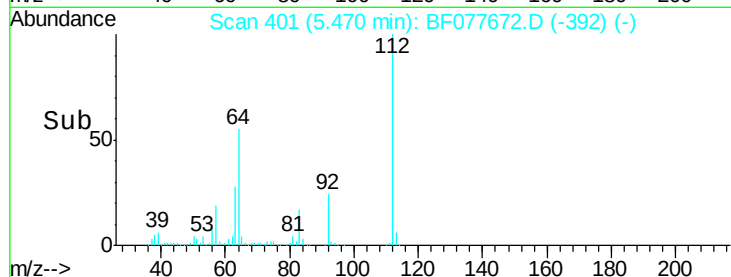
63 27.8 25.0 37.4



Abundance Ion 112.00 (111.70 to 112.70): BFO

Ion 64.00 (63.70 to 64.70): BFO

Ion 63.00 (62.70 to 63.70): BFO



#6

Aniline

Concen: 14.87 ng

RT: 6.77 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

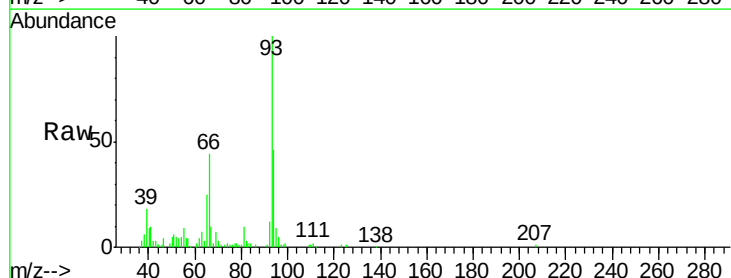
Tgt Ion: 93 Resp: 82024

Ion Ratio Lower Upper

93 100

66 44.0 29.1 43.7#

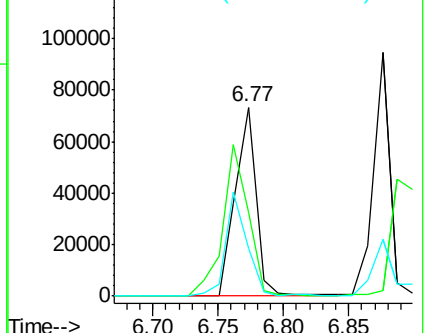
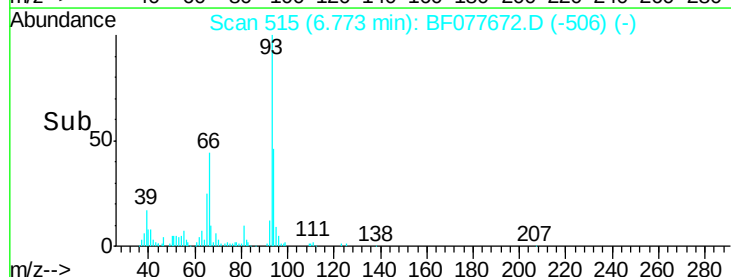
65 25.5 14.6 22.0#

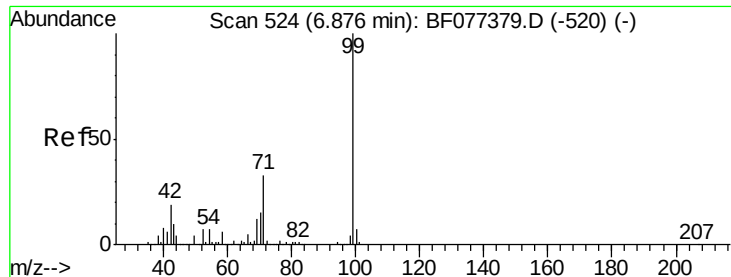


Abundance Ion 93.00 (92.70 to 93.70): BFO

Ion 66.00 (65.70 to 66.70): BFO

Ion 65.00 (64.70 to 65.70): BFO





#7

Phenol-d6

Concen: 77.99 ng

RT: 6.75 min Scan# 513

Delta R.T. -0.00 min

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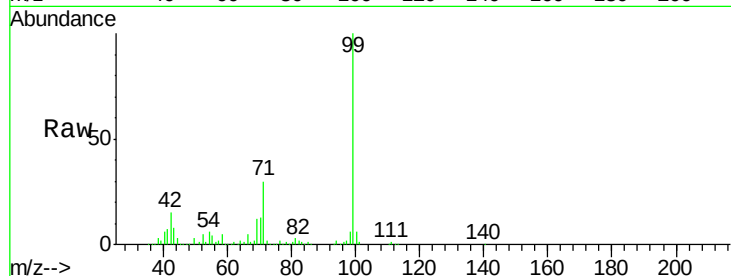
Tgt Ion: 99 Resp: 311170

Ion Ratio Lower Upper

99 100

42 15.4 16.2 24.4#

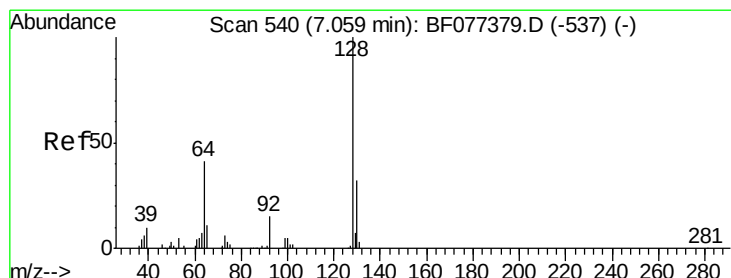
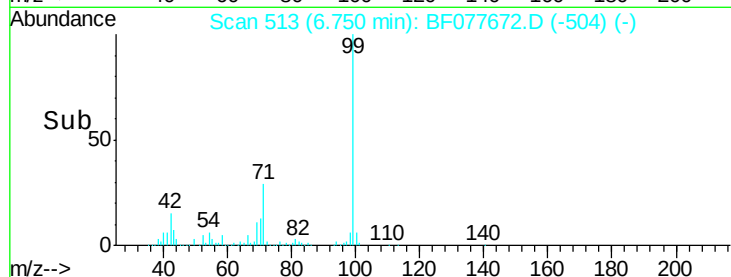
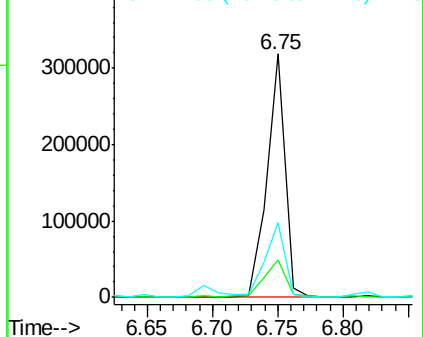
71 30.4 26.7 40.1



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: 23.71 ng

RT: 6.91 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

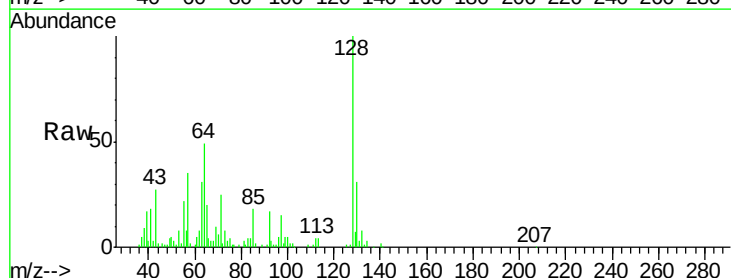
Tgt Ion: 128 Resp: 86809

Ion Ratio Lower Upper

128 100

130 31.1 12.0 52.0

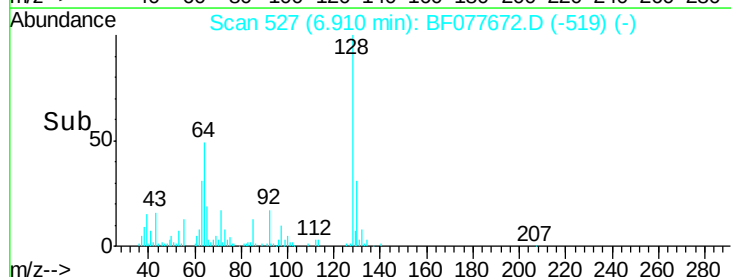
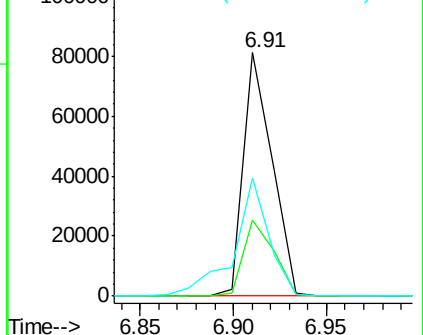
64 48.7 29.2 69.2

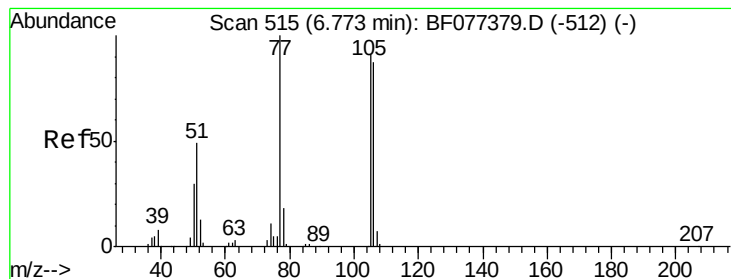


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 4.36 ng

RT: 6.63 min Scan# 502

Delta R.T. -0.00 min

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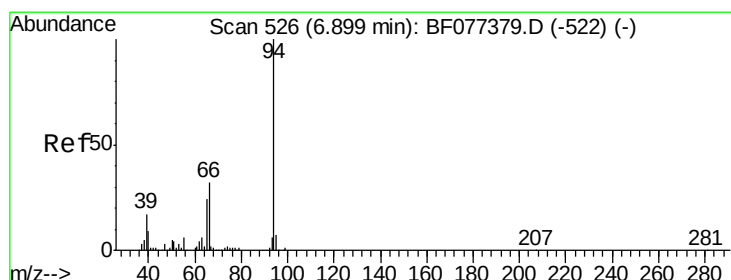
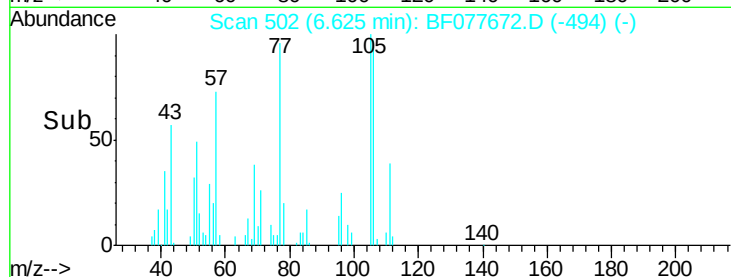
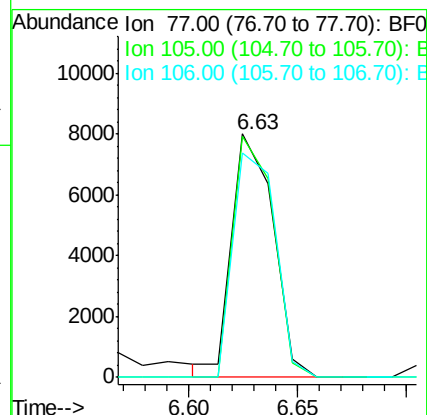
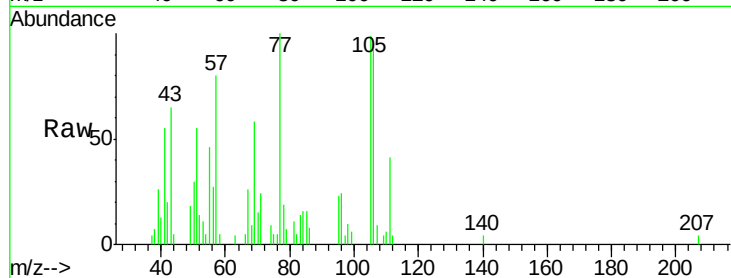
Tgt Ion: 77 Resp: 10567

Ion Ratio Lower Upper

77 100

105 99.2 85.9 125.9

106 92.0 82.9 122.9



#10

Phenol

Concen: 24.76 ng

RT: 6.76 min Scan# 514

Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

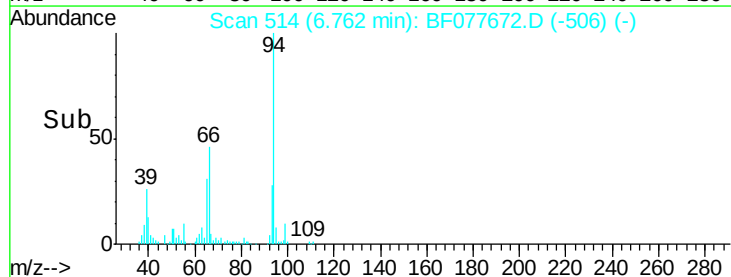
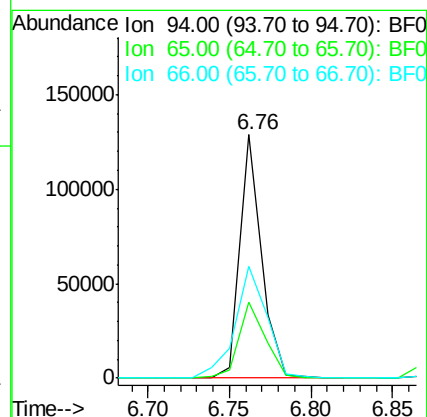
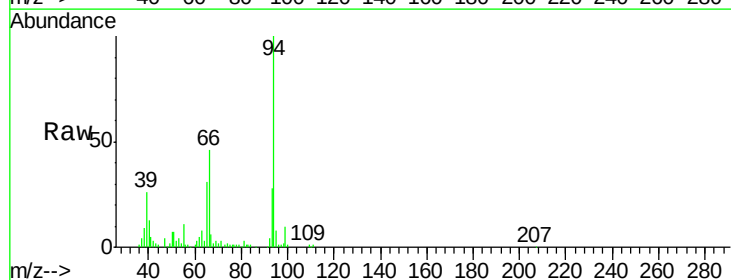
Tgt Ion: 94 Resp: 117230

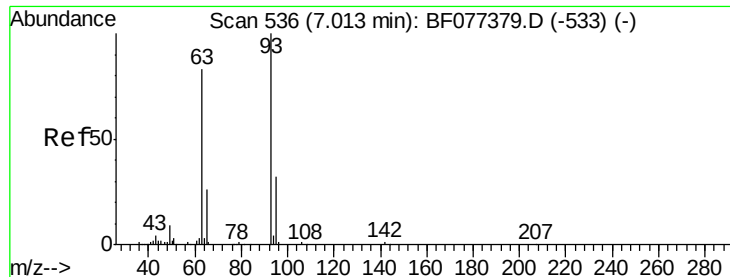
Ion Ratio Lower Upper

94 100

65 31.4 5.7 45.7

66 45.7 13.6 53.6

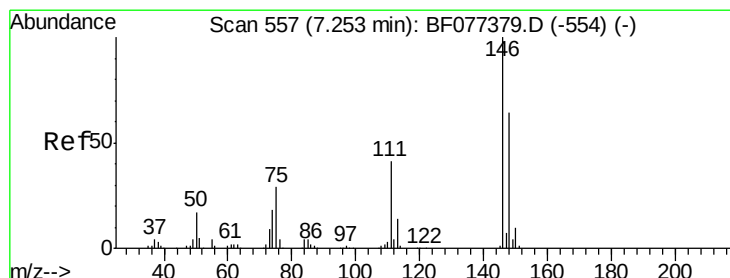
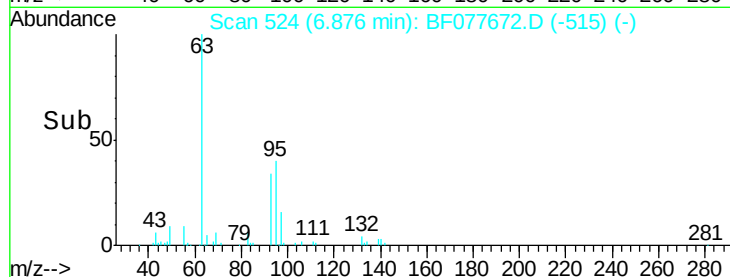
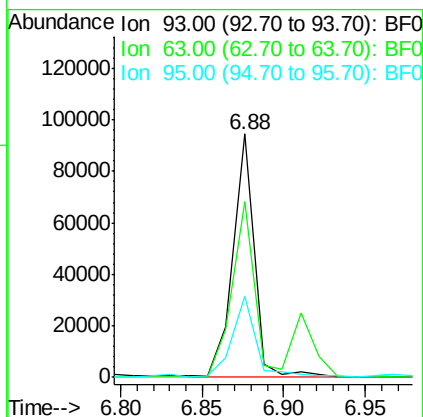
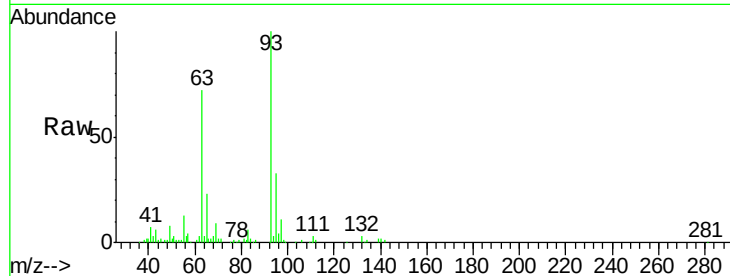




#11
bis(2-Chloroethyl)ether
Concen: 24.56 ng
RT: 6.88 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

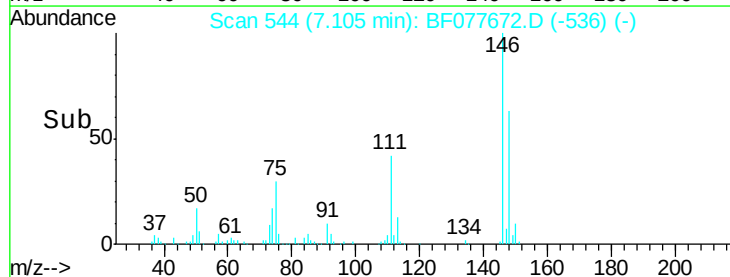
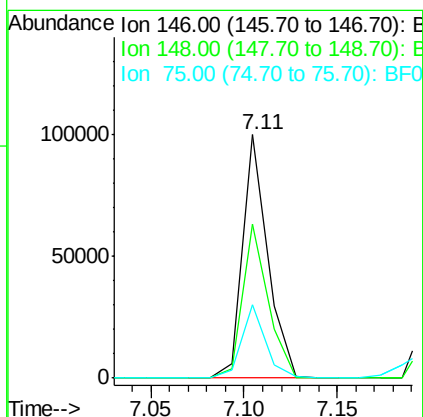
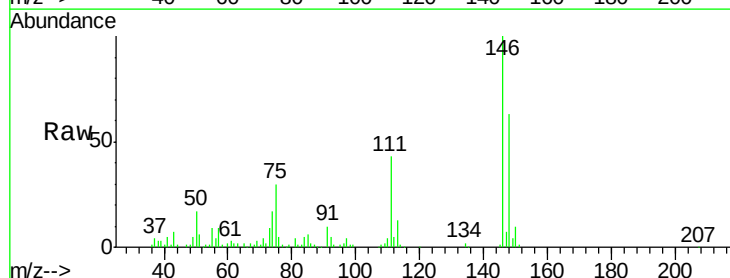
Instrument :
BNA_F
ClientSampleId :
B2(8-9)MSD

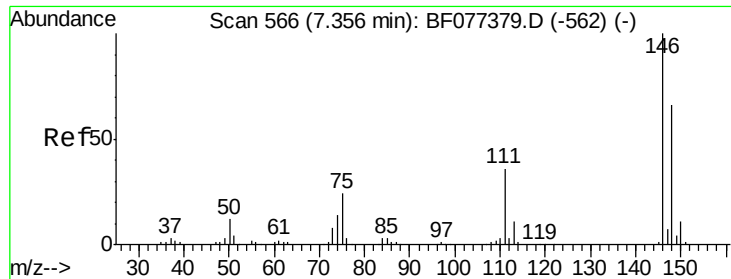
Tgt Ion	Ratio	Lower	Upper
93	100		
63	72.2	48.7	88.7
95	33.4	13.6	53.6



#12
1,3-Dichlorobenzene
Concen: 23.47 ng
RT: 7.11 min Scan# 544
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	49.8	74.8
75	30.1	28.2	42.4

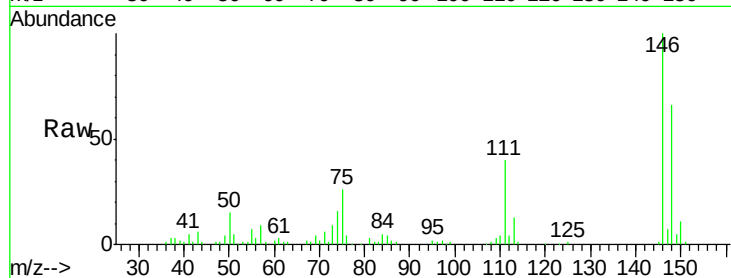




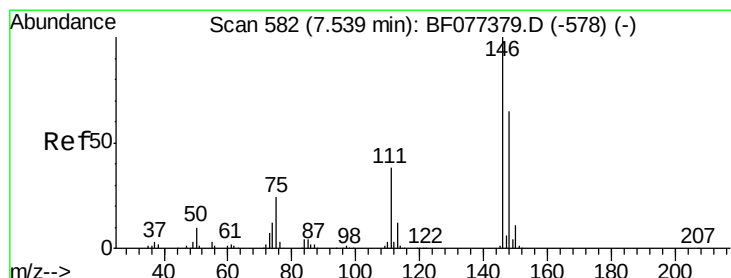
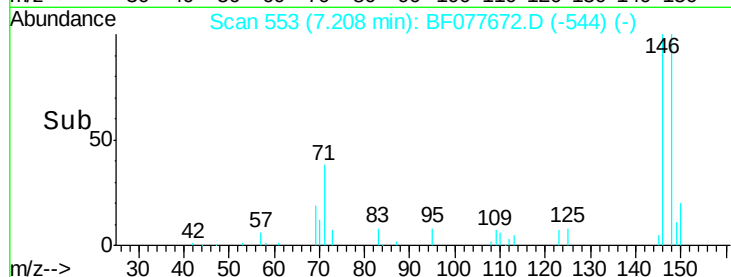
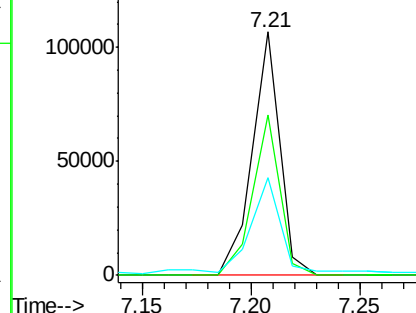
#13
 1,4-Dichlorobenzene
 Concen: 23.17 ng
 RT: 7.21 min Scan# 553
 Delta R.T. -0.00 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MSD

Tgt Ion:146 Resp: 93956
 Ion Ratio Lower Upper
 146 100
 148 65.8 52.0 78.0
 111 40.0 31.9 47.9

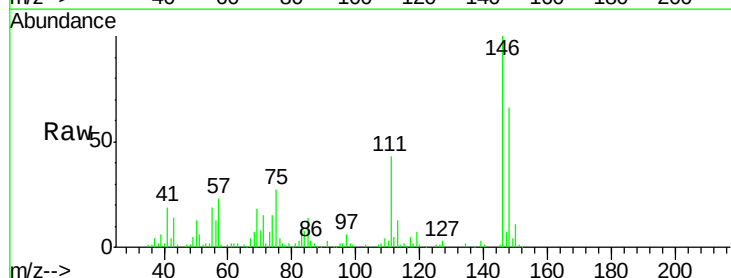


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

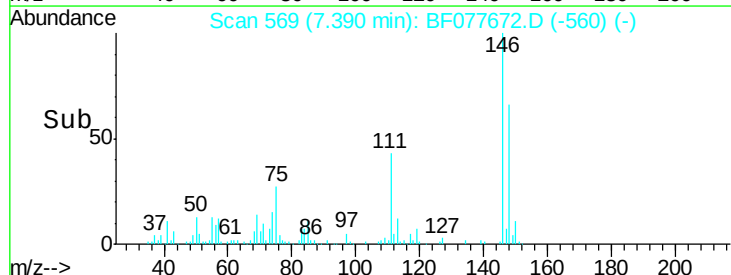
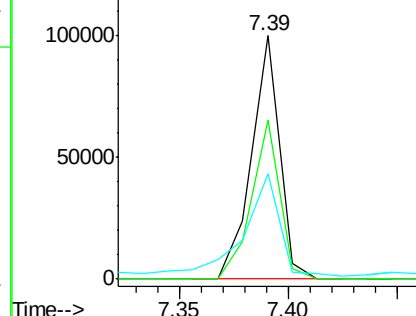


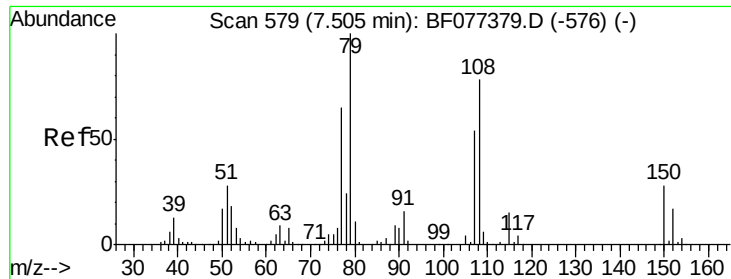
#14
 1,2-Dichlorobenzene
 Concen: 23.24 ng
 RT: 7.39 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Tgt Ion:146 Resp: 89632
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.6 77.4
 111 43.2 34.2 51.2



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





#15

Benzyl Alcohol

Concen: 23.54 ng

RT: 7.37 min Scan# 567

Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Instrument :

BNA_F

ClientSampleId :

B2(8-9)MSD

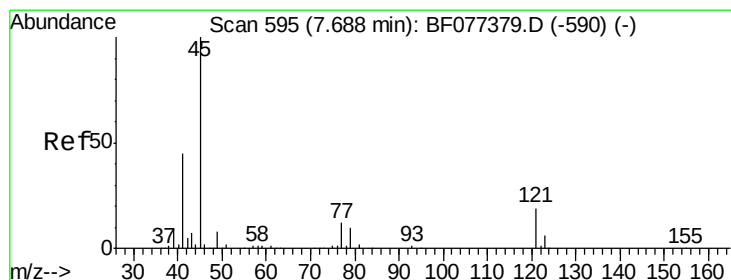
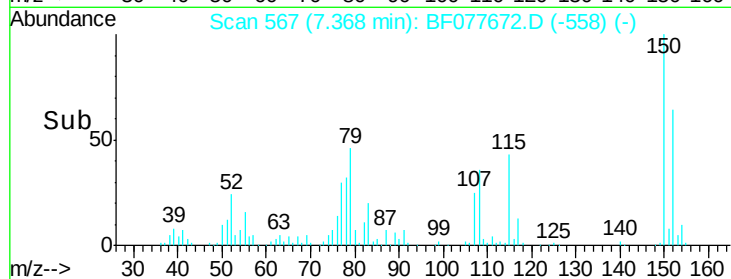
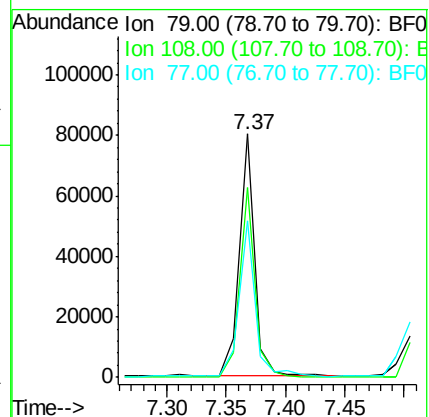
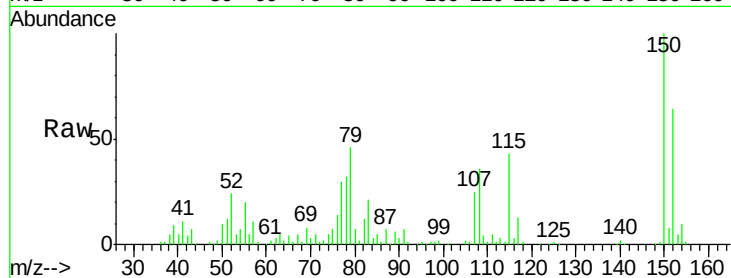
Tgt Ion: 79 Resp: 71408

Ion Ratio Lower Upper

79 100

108 77.8 58.3 87.5

77 64.5 51.3 76.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 22.83 ng

RT: 7.55 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

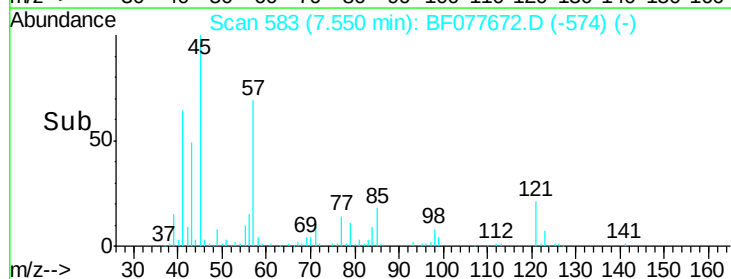
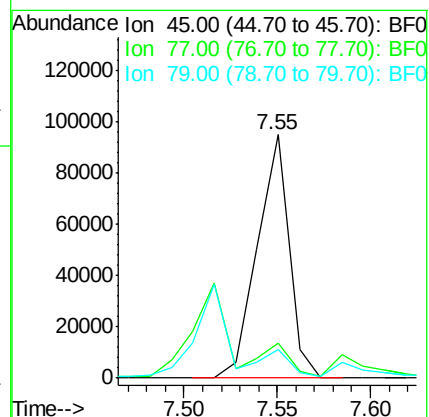
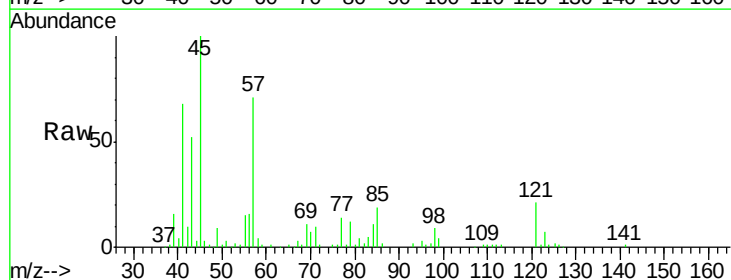
Tgt Ion: 45 Resp: 111027

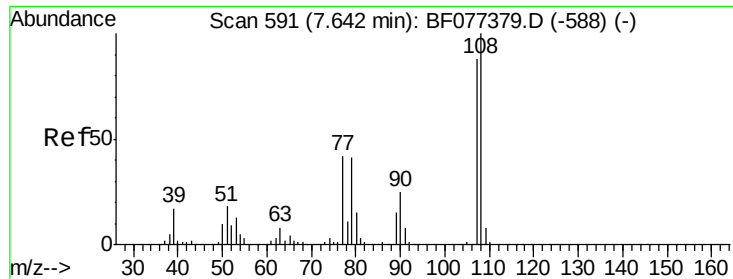
Ion Ratio Lower Upper

45 100

77 14.5 0.0 34.6

79 11.8 0.0 31.5

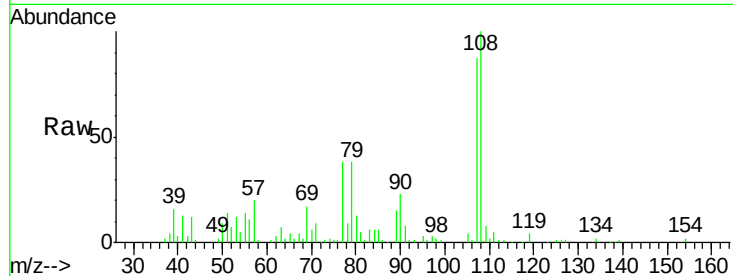




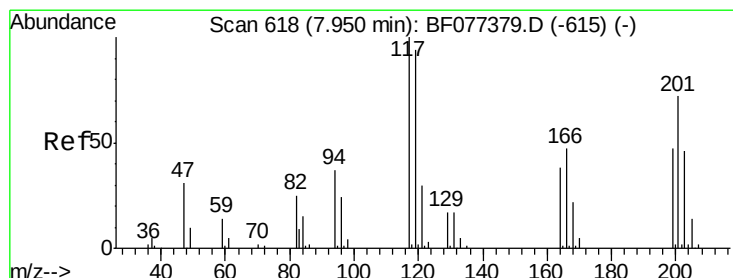
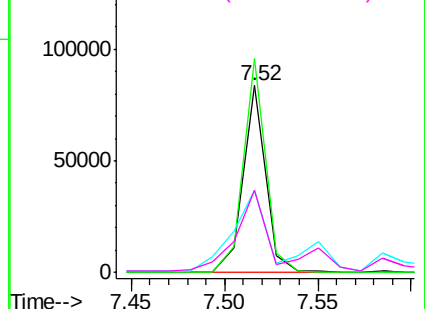
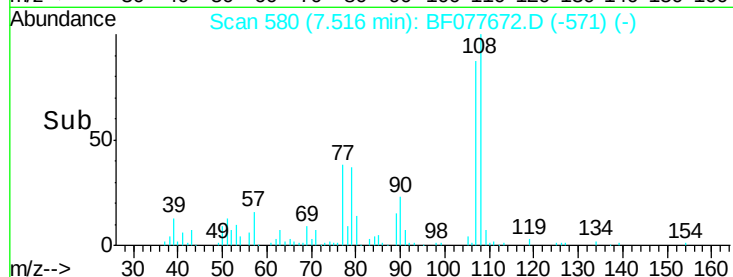
#17
2-Methylphenol
Concen: 24.67 ng
RT: 7.52 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MSD

Tgt Ion:107 Resp: 70585
Ion Ratio Lower Upper
107 100
108 114.6 91.2 136.8
77 44.1 33.6 50.4
79 43.7 32.1 48.1

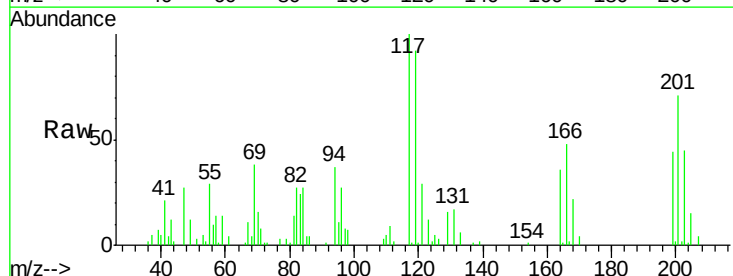


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

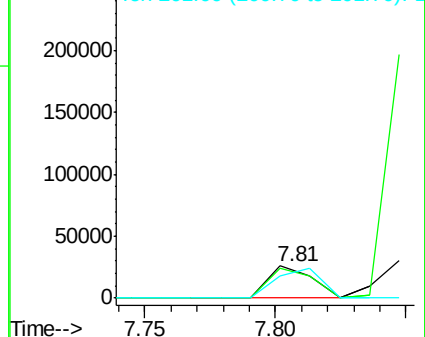
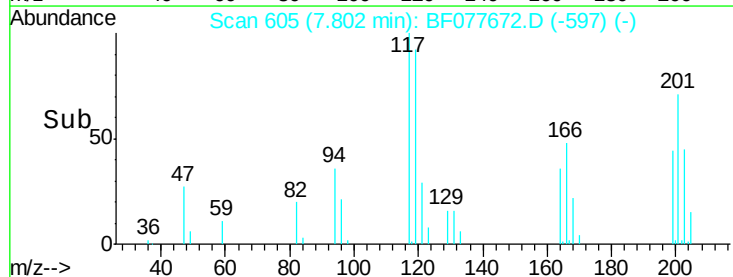


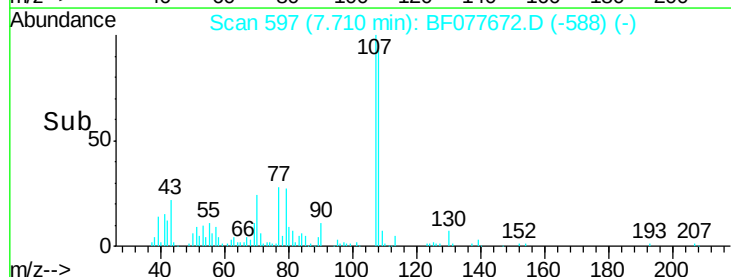
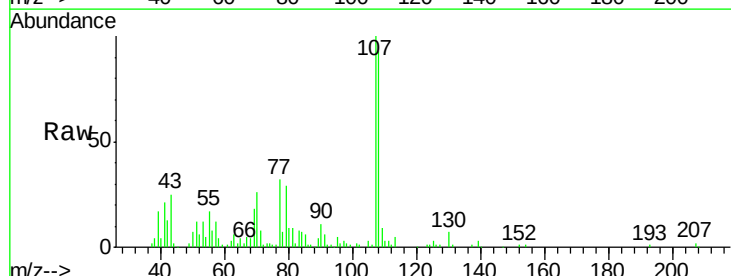
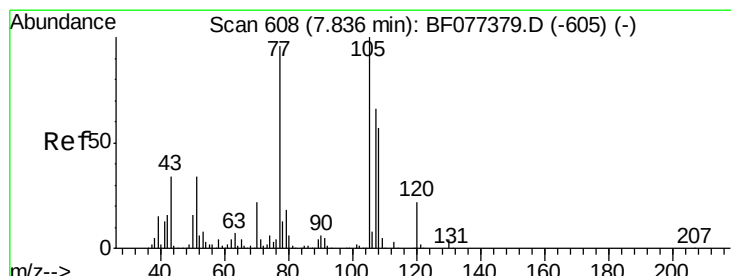
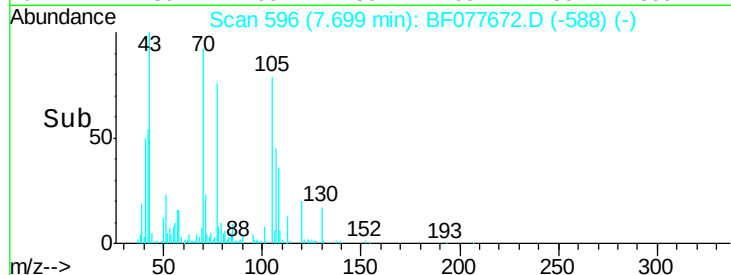
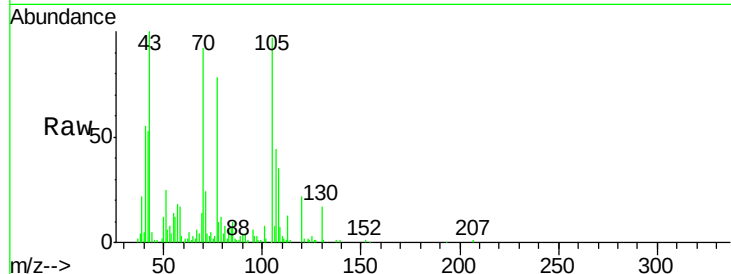
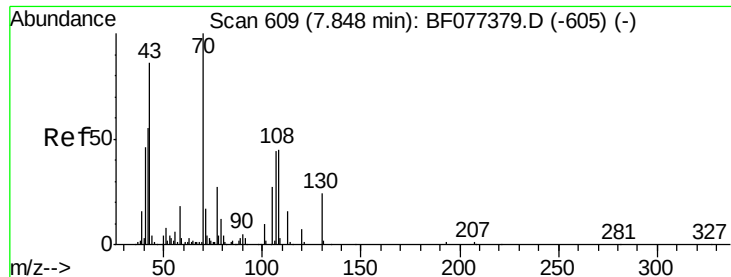
#18
Hexachloroethane
Concen: 22.68 ng
RT: 7.81 min Scan# 605
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Tgt Ion:117 Resp: 30720
Ion Ratio Lower Upper
117 100
119 91.7 77.8 116.8
201 71.2 90.6 136.0#



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

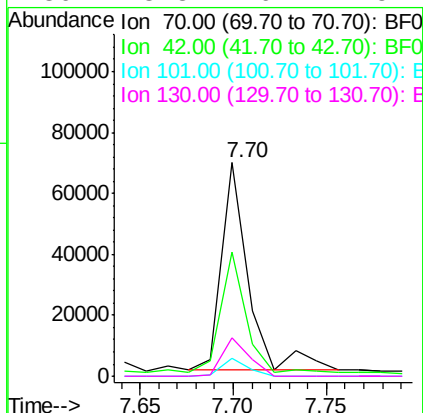




#19
n-Nitroso-di-n-propylamine
Concen: 27.37 ng
RT: 7.70 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

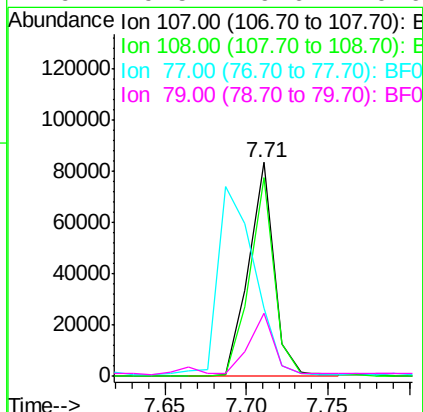
Instrument :
BNA_F
ClientSampleId :
B2(8-9)MSD

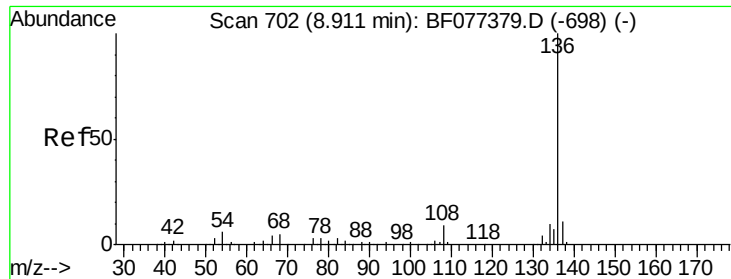
Tgt Ion:	70	Resp:	69354
Ion	Ratio	Lower	Upper
70	100		
42	58.1	48.3	72.5
101	8.5	7.5	11.3
130	18.3	16.7	25.1



#20
3+4-Methylphenols
Concen: 24.09 ng
RT: 7.71 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Tgt Ion:	107	Resp:	90782
Ion	Ratio	Lower	Upper
107	100		
108	92.8	76.8	116.8
77	31.9	65.8	105.8
79	29.5	9.6	49.6

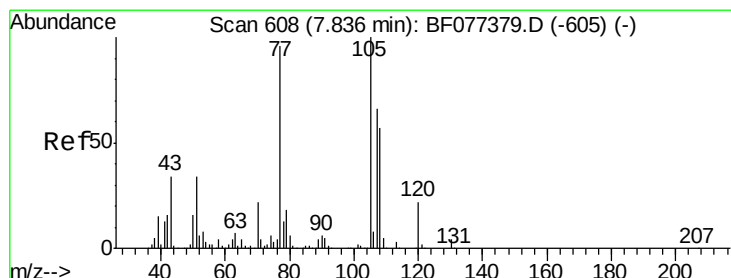
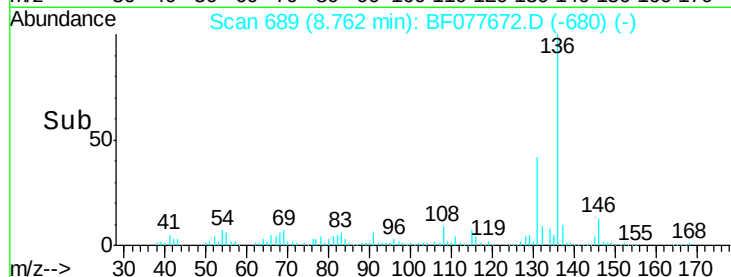
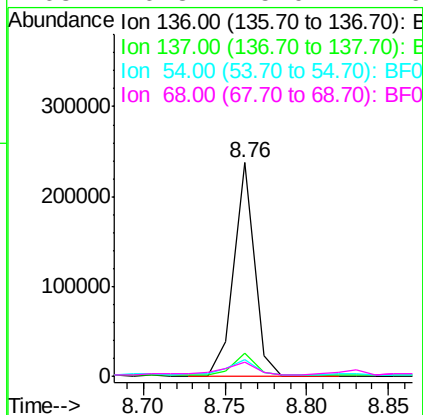
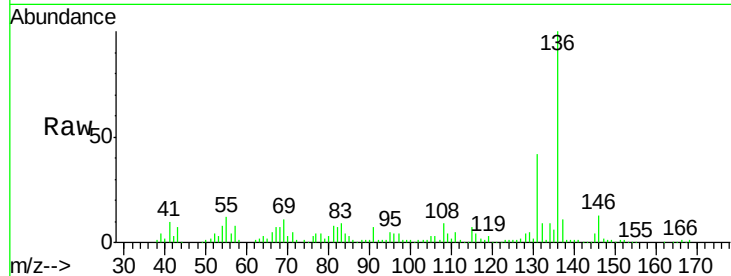




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.76 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

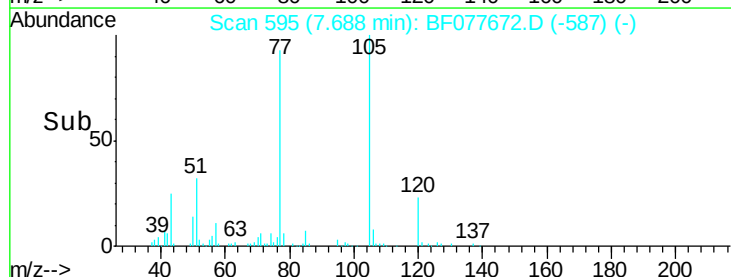
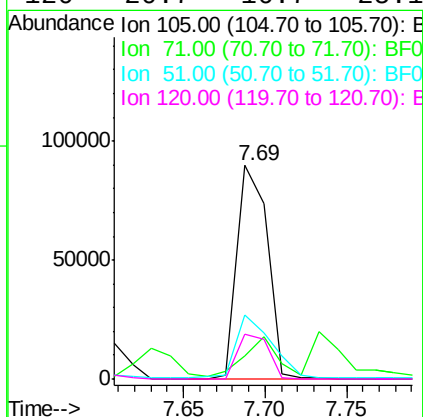
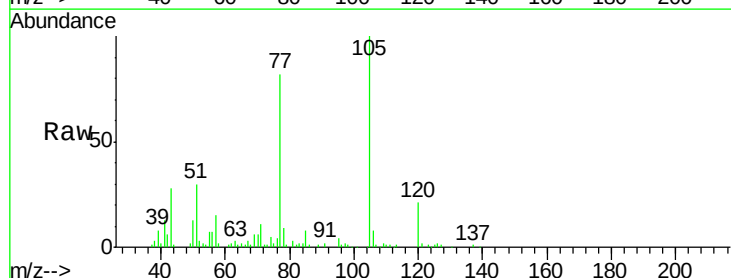
Instrument :
BNA_F
ClientSampleId :
B2(8-9)MSD

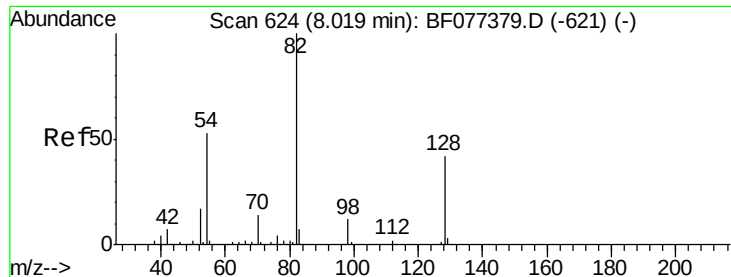
Tgt Ion:	136	Resp:	206902
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.0	6.2	9.4
68	6.8	5.0	7.6



#22
Acetophenone
Concen: 23.73 ng
RT: 7.69 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Tgt Ion:	105	Resp:	115501
Ion	Ratio	Lower	Upper
105	100		
71	10.6	1.7	2.5#
51	30.0	30.7	46.1#
120	20.7	16.7	25.1

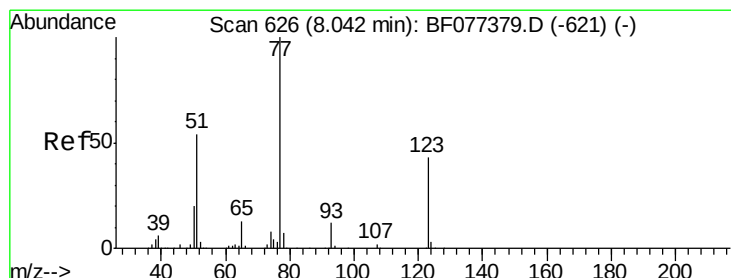
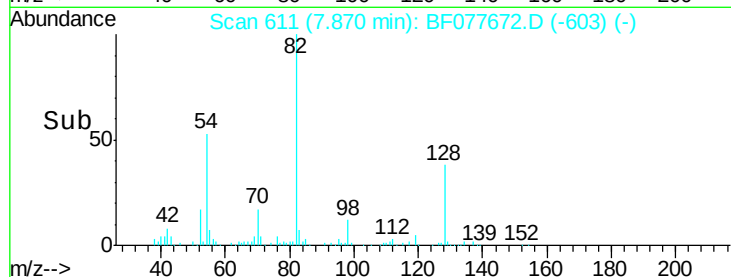
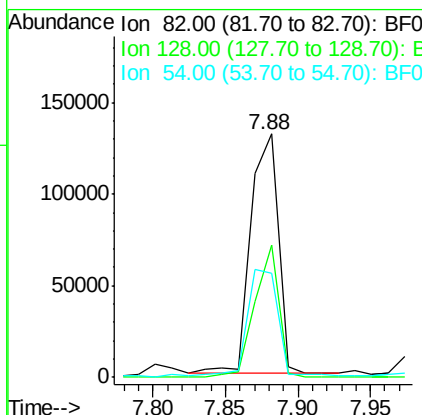
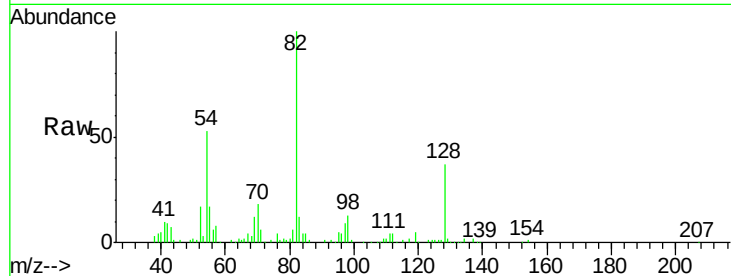




#23
 Nitrobenzene-d5
 Concen: 51.95 ng
 RT: 7.88 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

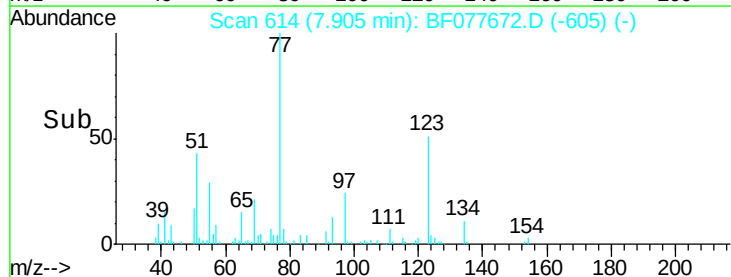
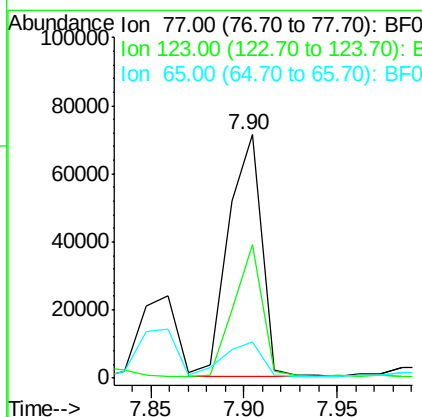
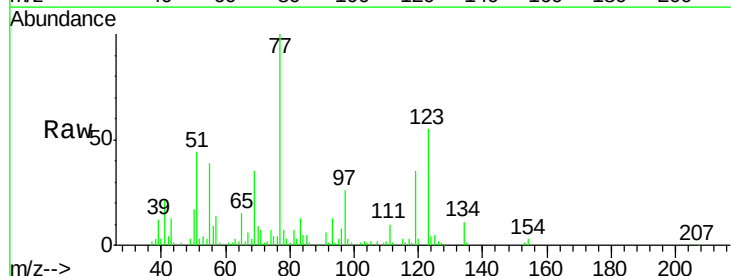
Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MSD

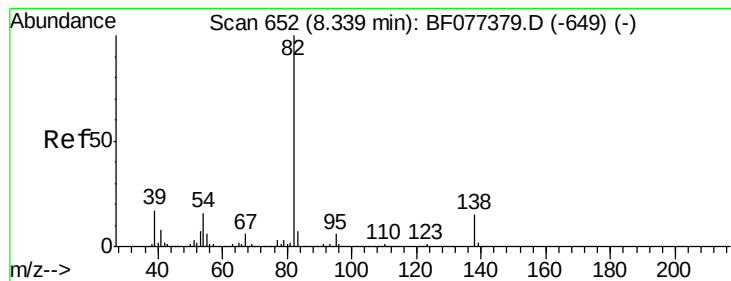
Tgt Ion: 82 Resp: 172853
 Ion Ratio Lower Upper
 82 100
 128 37.3 43.8 65.8#
 54 53.1 36.7 55.1



#24
 Nitrobenzene
 Concen: 25.01 ng
 RT: 7.90 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Tgt Ion: 77 Resp: 87559
 Ion Ratio Lower Upper
 77 100
 123 54.9 45.9 68.9
 65 14.7 9.5 14.3#





#25

Isophorone

Concen: 26.13 ng

RT: 8.20 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Instrument :

BNA_F

ClientSampleId :

B2(8-9)MSD

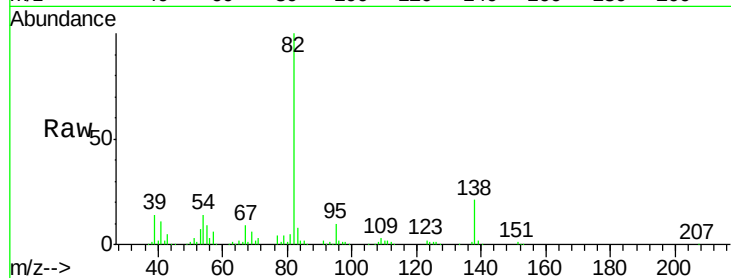
Tgt Ion: 82 Resp: 172494

Ion Ratio Lower Upper

82 100

95 9.7 5.4 8.2#

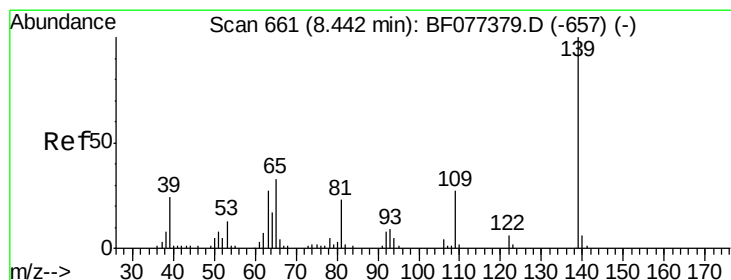
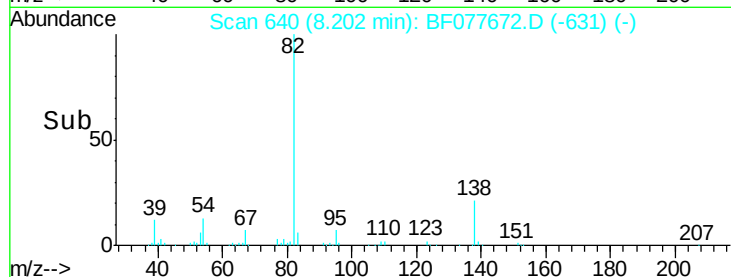
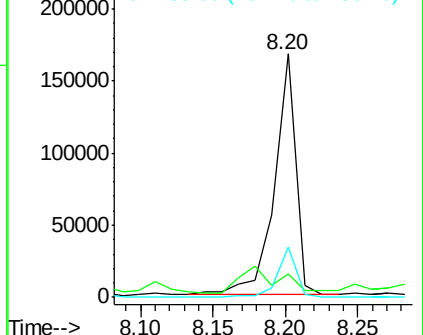
138 20.6 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 29.56 ng

RT: 8.30 min Scan# 648

Delta R.T. 0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

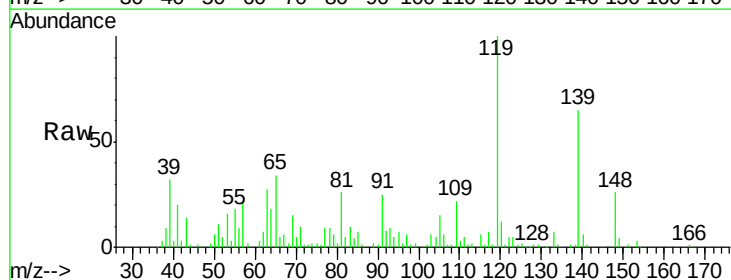
Tgt Ion: 139 Resp: 42412

Ion Ratio Lower Upper

139 100

109 33.0 22.6 34.0

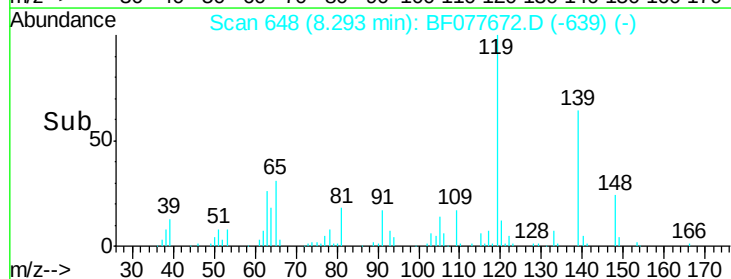
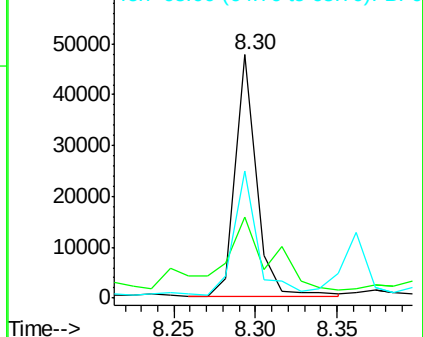
65 52.4 36.4 54.6

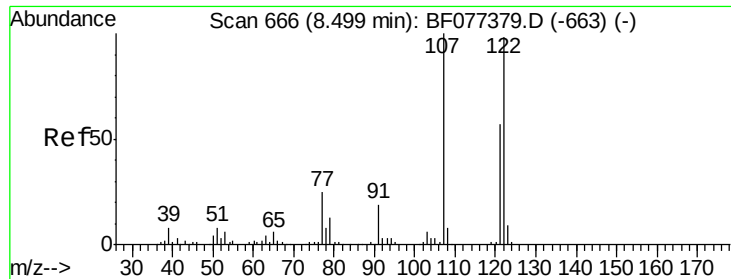


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

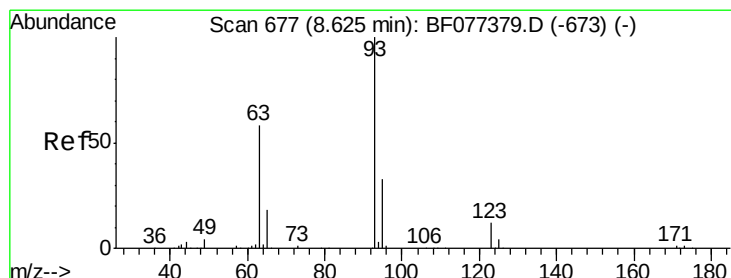
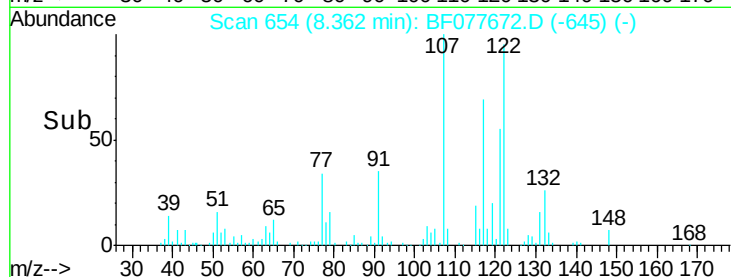
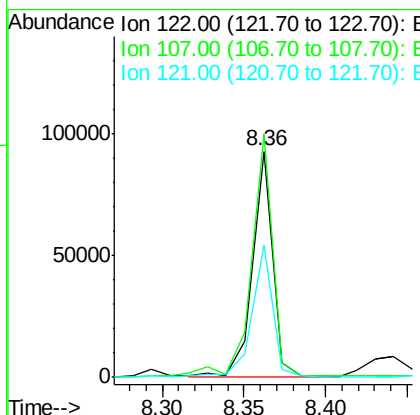
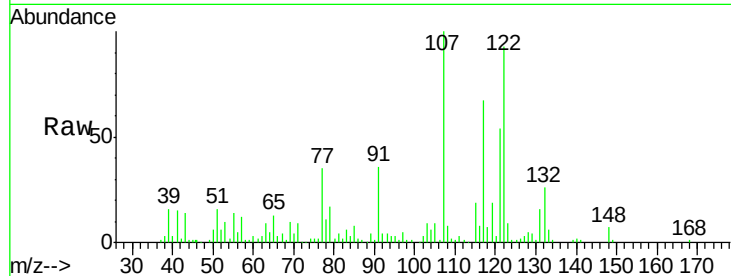




#27
2,4-Dimethylphenol
Concen: 24.42 ng
RT: 8.36 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

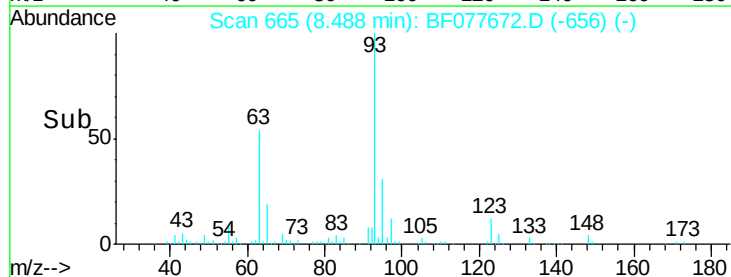
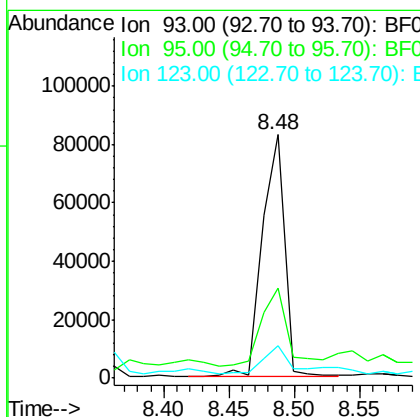
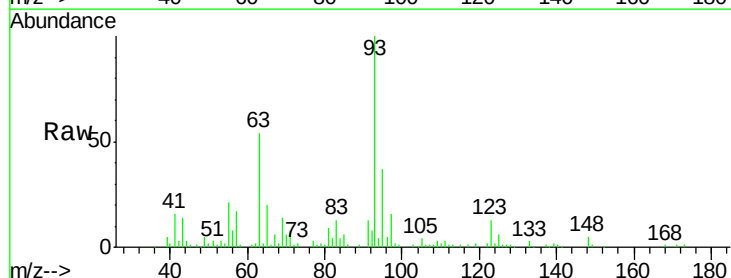
Instrument :
BNA_F
ClientSampleId :
B2(8-9)MSD

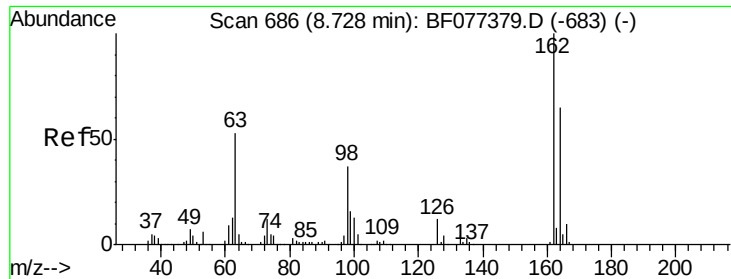
Tgt Ion:122 Resp: 78398
Ion Ratio Lower Upper
122 100
107 107.7 86.6 130.0
121 58.3 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 23.82 ng
RT: 8.48 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Tgt Ion: 93 Resp: 99322
Ion Ratio Lower Upper
93 100
95 36.9 26.4 39.6
123 13.3 8.7 13.1#

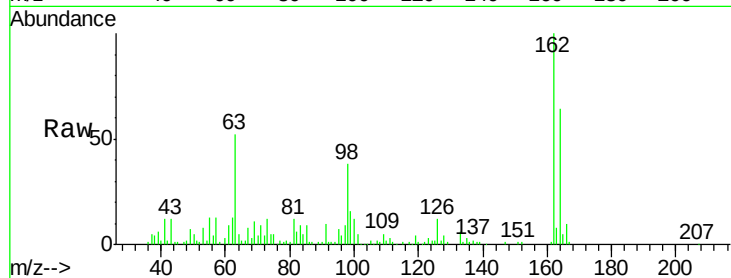




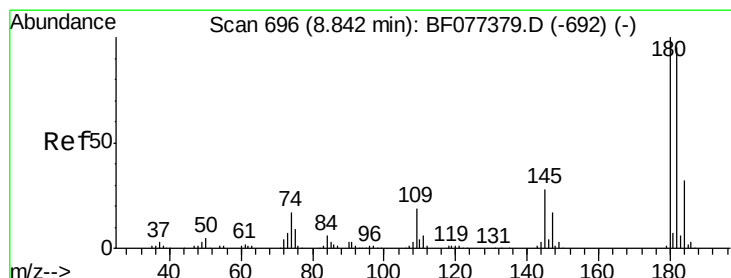
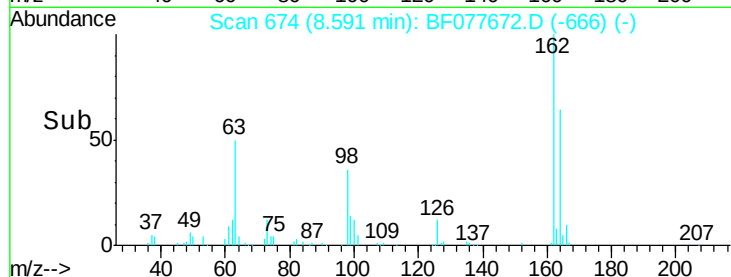
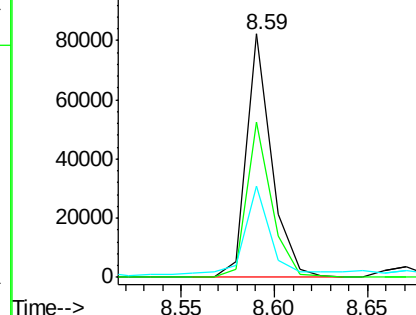
#29
2,4-Dichlorophenol
Concen: 25.49 ng
RT: 8.59 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Instrument :
BNA_F
ClientSampled :
B2(8-9)MSD

Tgt Ion:162 Resp: 76807
Ion Ratio Lower Upper
162 100
164 63.8 46.4 86.4
98 37.6 6.9 46.9

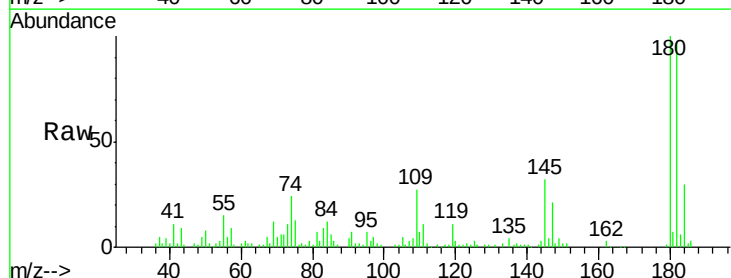


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

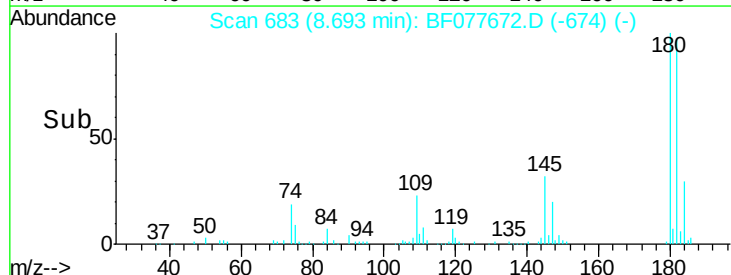
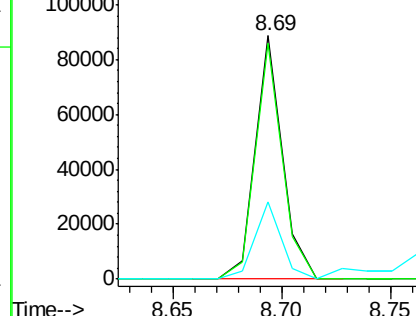


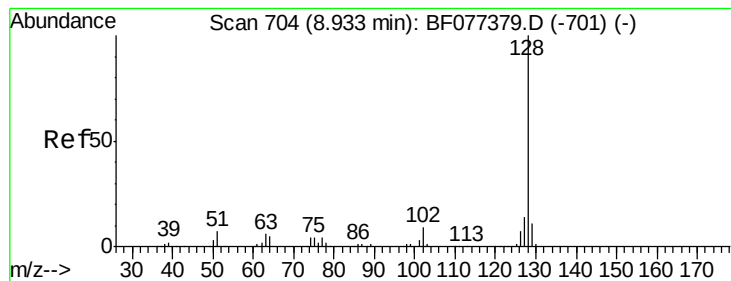
#30
1,2,4-Trichlorobenzene
Concen: 23.20 ng
RT: 8.69 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Tgt Ion:180 Resp: 76844
Ion Ratio Lower Upper
180 100
182 96.9 76.2 114.4
145 31.6 24.5 36.7



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: 26.46 ng

RT: 8.79 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Instrument :

BNA_F

ClientSampleId :

B2(8-9)MSD

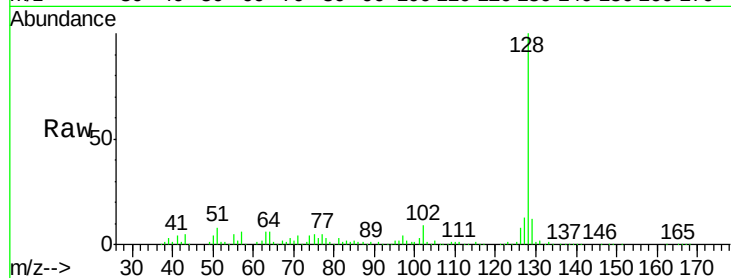
Tgt Ion:128 Resp: 273784

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.0

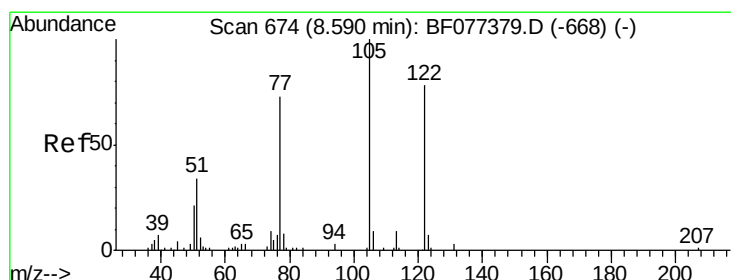
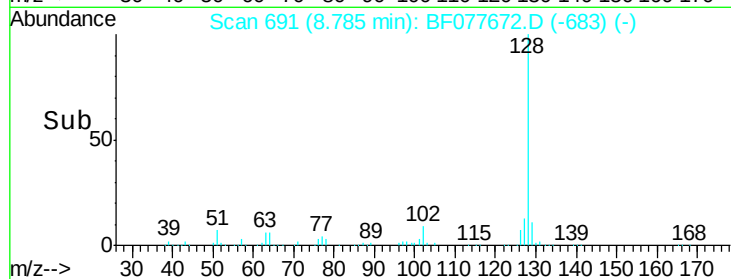
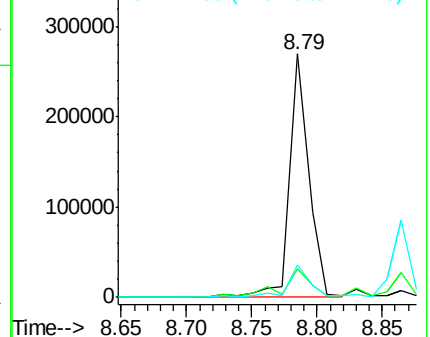
127 13.2 10.6 15.8



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: 11.44 ng

RT: 8.45 min Scan# 661

Delta R.T. -0.02 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

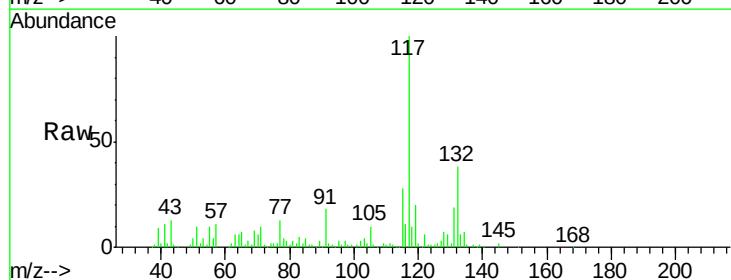
Tgt Ion:122 Resp: 17843

Ion Ratio Lower Upper

122 100

105 161.5 100.3 140.3#

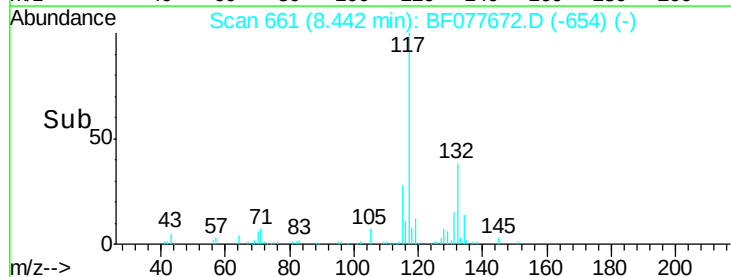
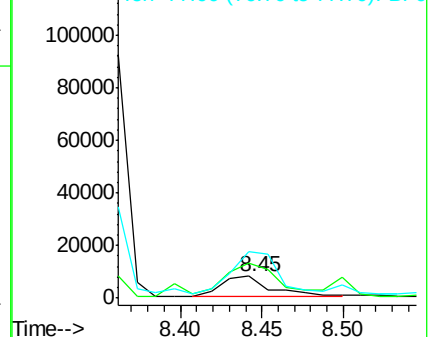
77 215.3 68.7 108.7#

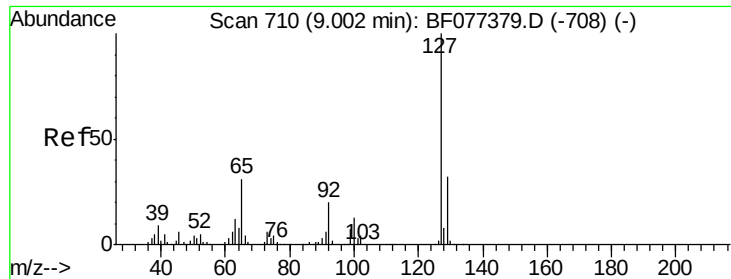


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

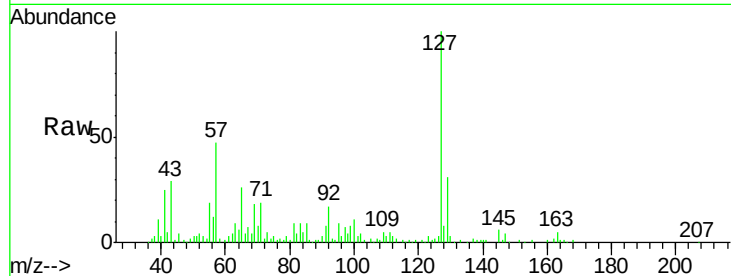




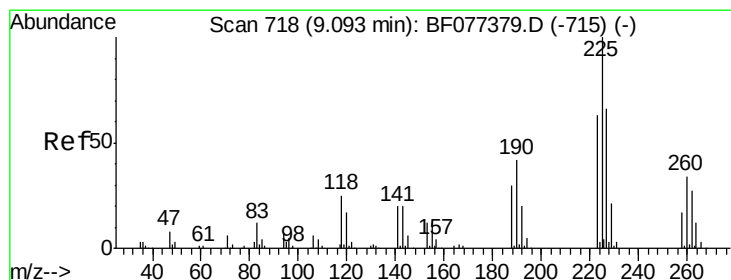
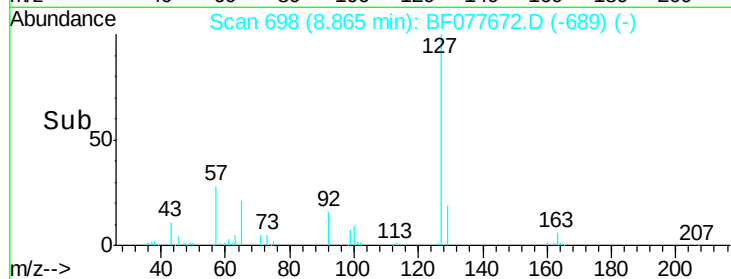
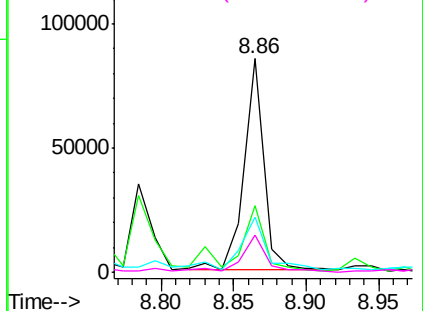
#33
 4-Chloroaniline
 Concen: 17.25 ng
 RT: 8.86 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MSD

Tgt Ion:	127	Resp:	79334
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.9	40.3
65	26.0	16.7	25.1#
92	17.3	12.5	18.7

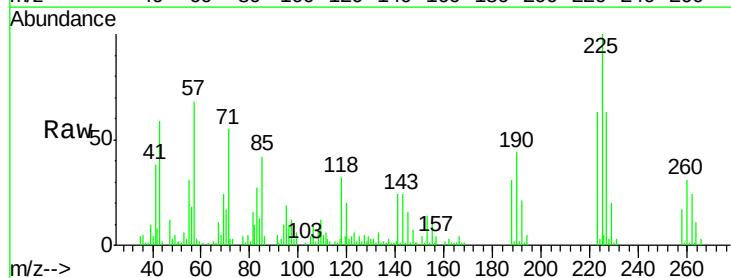


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

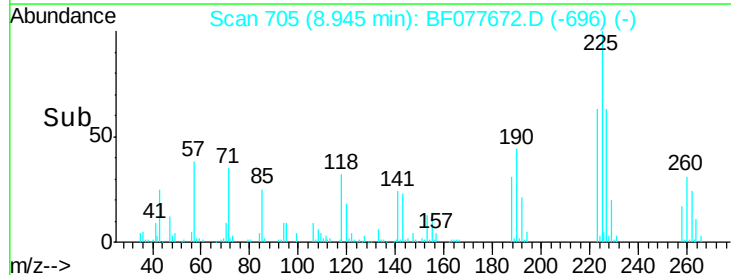
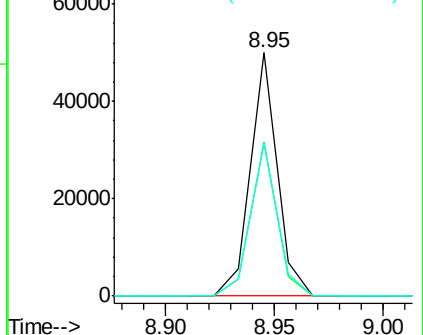


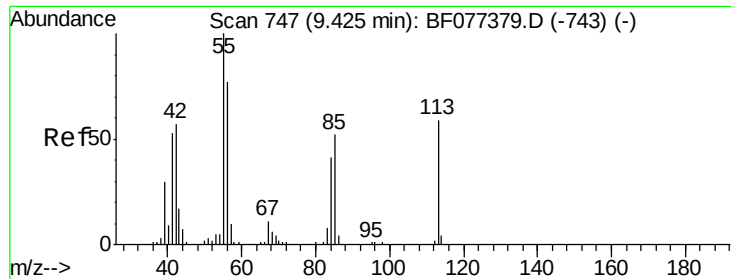
#34
 Hexachlorobutadiene
 Concen: 22.64 ng
 RT: 8.95 min Scan# 705
 Delta R.T. -0.00 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Tgt Ion:	225	Resp:	42814
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.5	74.3
227	62.5	50.5	75.7



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

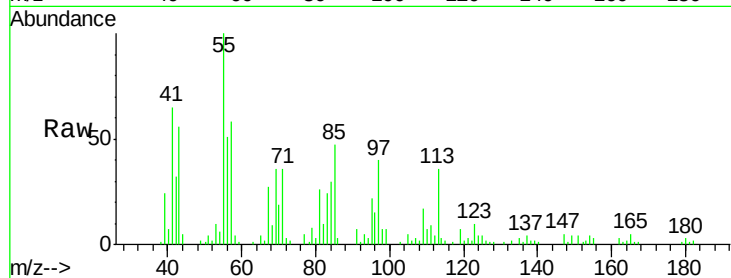




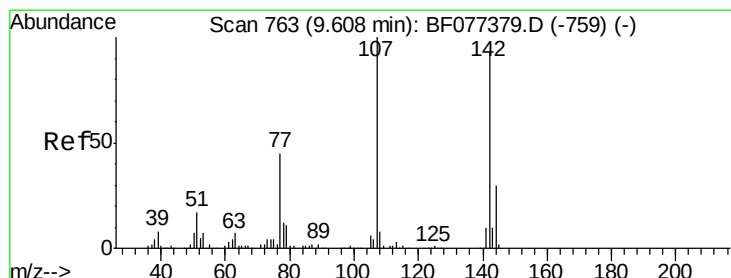
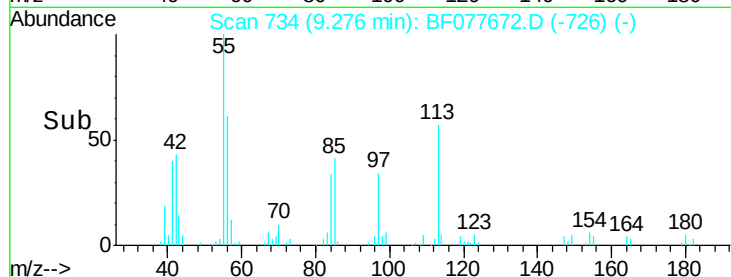
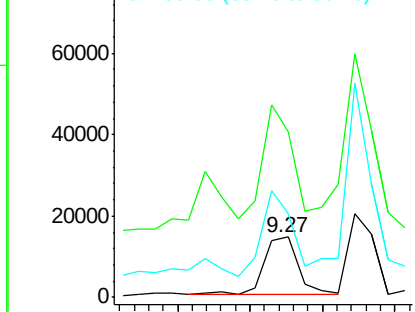
#35
 Caprolactam
 Concen: 25.17 ng
 RT: 9.27 min Scan# 734
 Delta R.T. -0.02 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MSD

Tgt Ion:113 Resp: 23153
 Ion Ratio Lower Upper
 113 100
 55 275.1 154.6 194.6#
 56 139.4 114.0 154.0

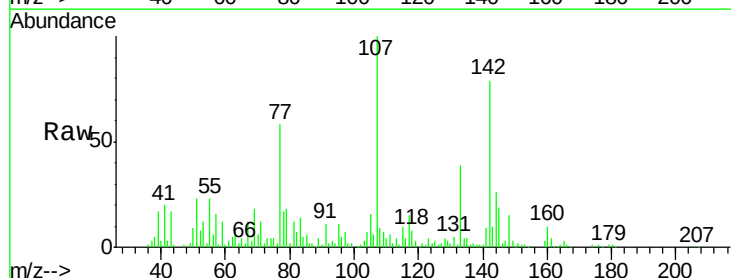


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

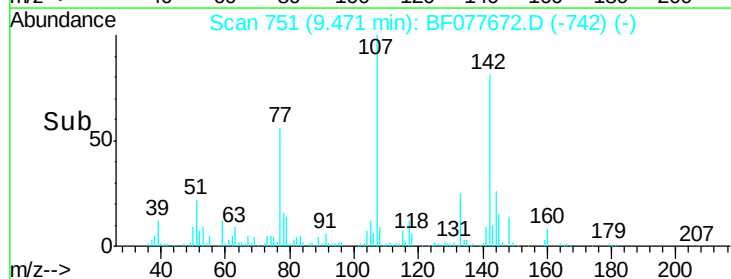
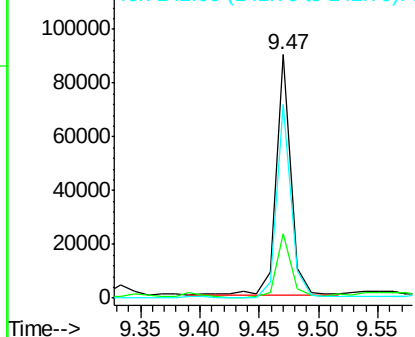


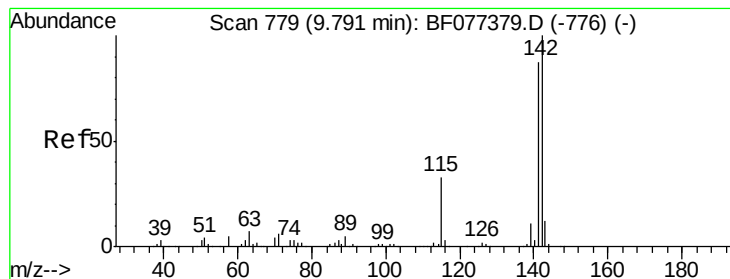
#36
 4-Chloro-3-methylphenol
 Concen: 25.04 ng
 RT: 9.47 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Tgt Ion:107 Resp: 75851
 Ion Ratio Lower Upper
 107 100
 144 26.4 21.1 31.7
 142 79.5 65.3 97.9



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





#37

2-Methylnaphthalene

Concen: 54.24 ng

RT: 9.65 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Instrument :

BNA_F

ClientSampleId :

B2(8-9)MSD

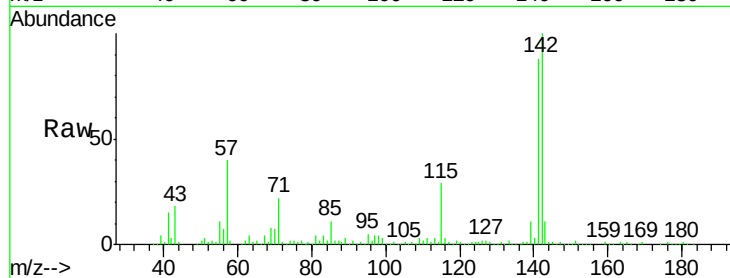
Tgt Ion:142 Resp: 398565

Ion Ratio Lower Upper

142 100

141 87.7 70.7 106.1

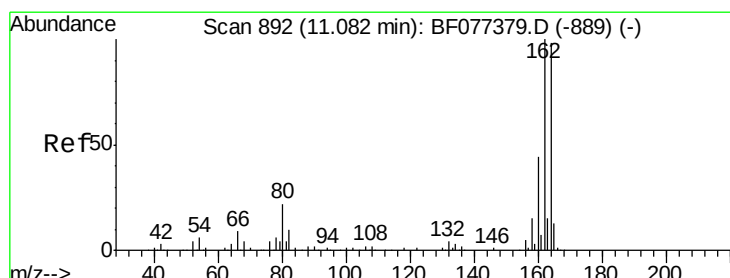
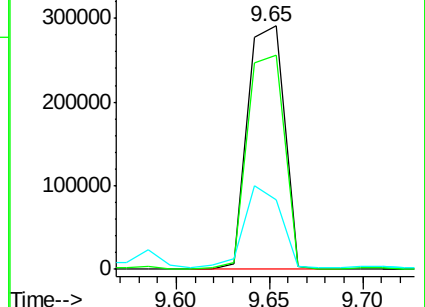
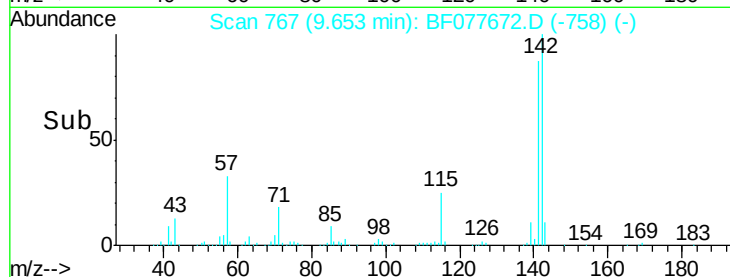
115 28.6 24.2 36.4



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: 10.93 min Scan# 879

Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

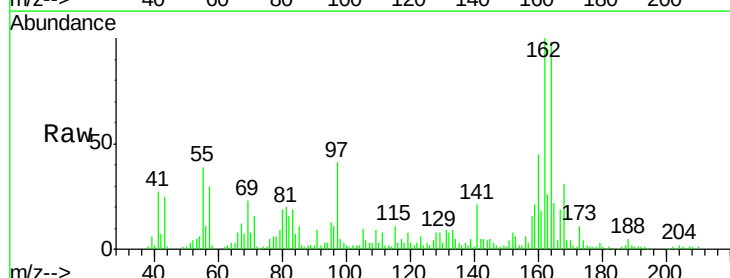
Tgt Ion:164 Resp: 102553

Ion Ratio Lower Upper

164 100

162 102.5 83.2 124.8

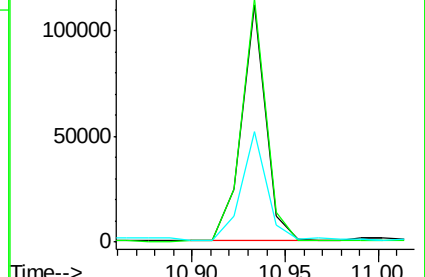
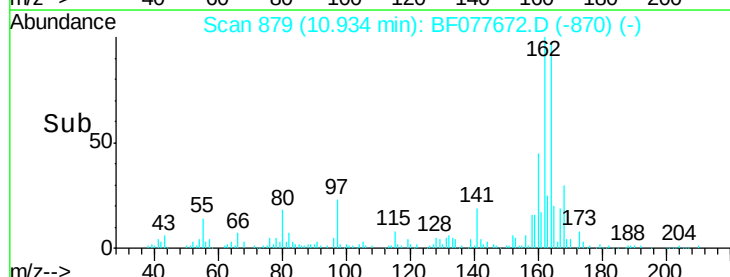
160 46.5 34.6 52.0

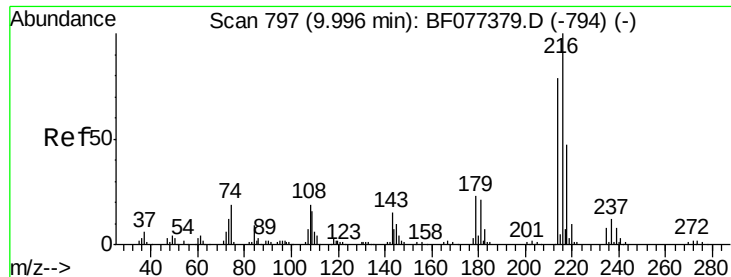


Abundance Ion 164.00 (163.70 to 164.70): E

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: 23.83 ng

RT: 9.85 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Instrument :

BNA_F

ClientSampleId :

B2(8-9)MSD

Tgt Ion:216 Resp: 70131

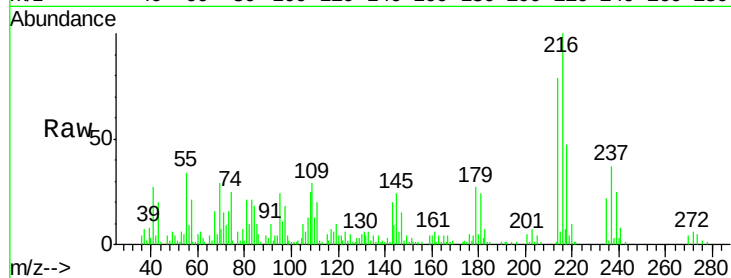
Ion Ratio Lower Upper

216 100

214 78.3 63.4 95.0

179 25.9 16.6 25.0#

108 23.6 14.2 21.4#

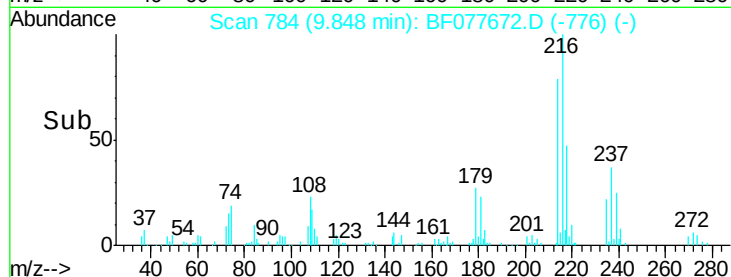


Abundance Ion 216.00 (215.70 to 216.70): E

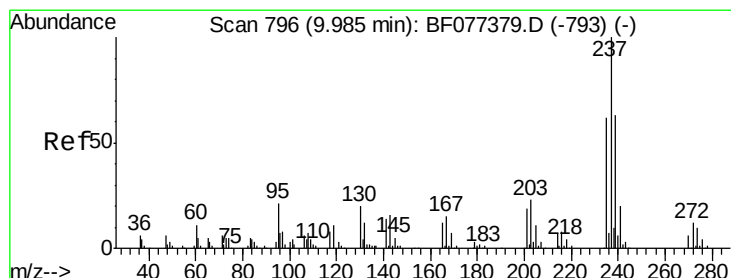
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 38.27 ng

RT: 9.84 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

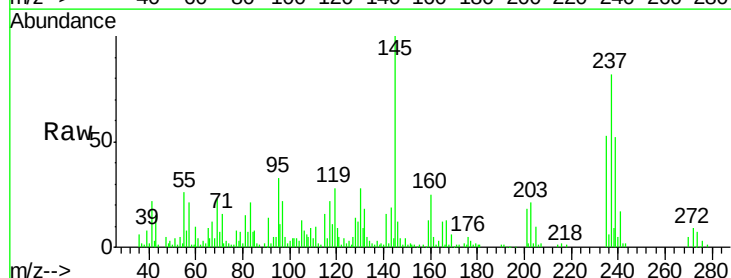
Tgt Ion:237 Resp: 60378

Ion Ratio Lower Upper

237 100

235 64.3 41.0 81.0

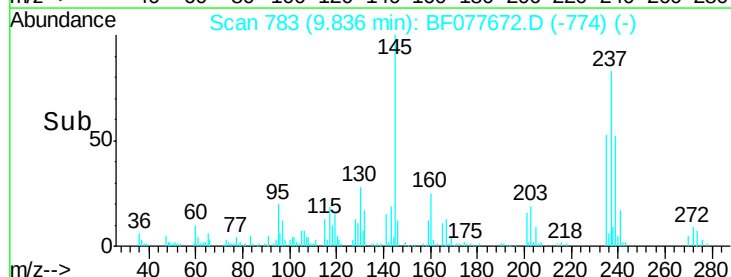
272 11.2 0.0 34.3



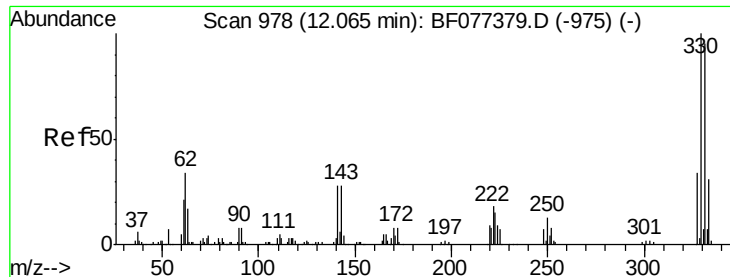
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



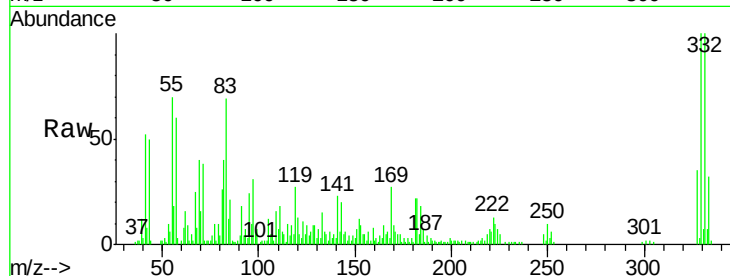
Time-->



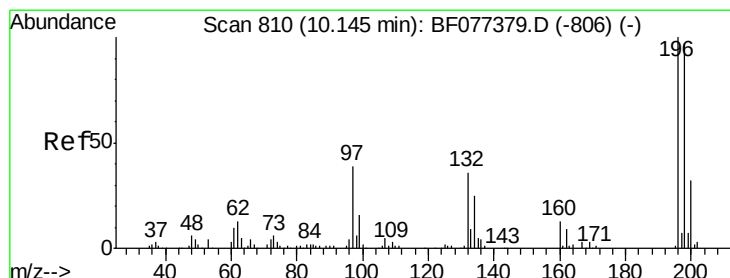
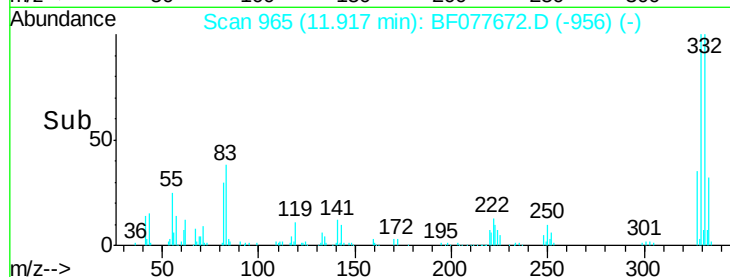
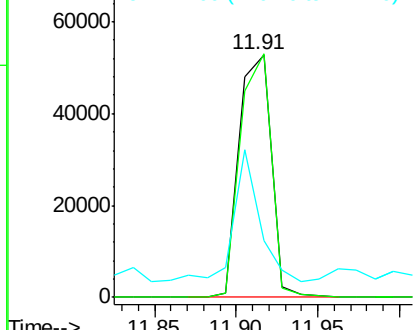
#41
 2,4,6-Tribromophenol
 Concen: 72.78 ng
 RT: 11.91 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MSD

Tgt Ion:330 Resp: 71868
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.4 116.2
 141 43.4 28.8 43.2#

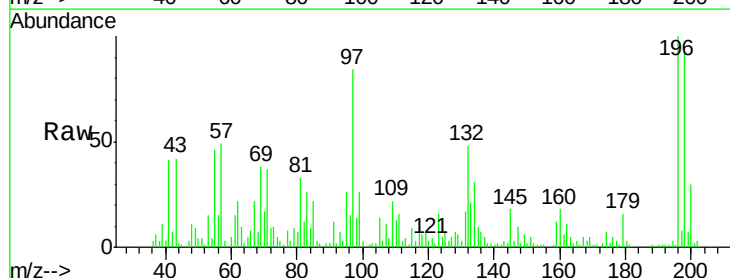


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

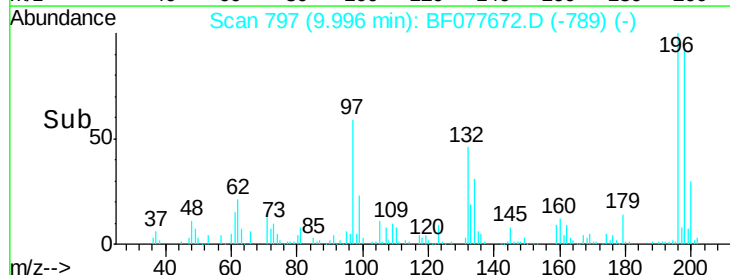
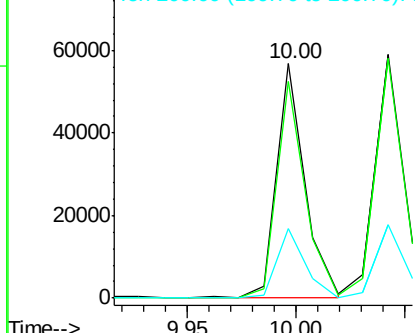


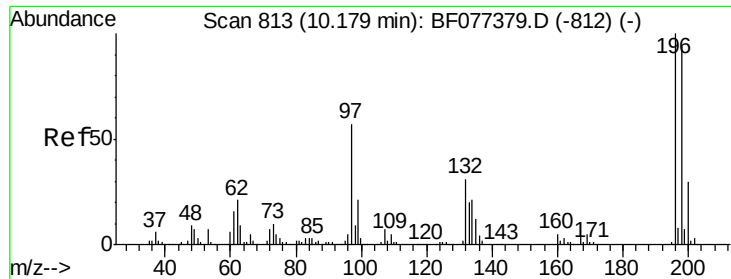
#42
 2,4,6-Trichlorophenol
 Concen: 26.63 ng
 RT: 10.00 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Tgt Ion:196 Resp: 51899
 Ion Ratio Lower Upper
 196 100
 198 92.4 75.8 113.8
 200 29.7 24.2 36.4



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

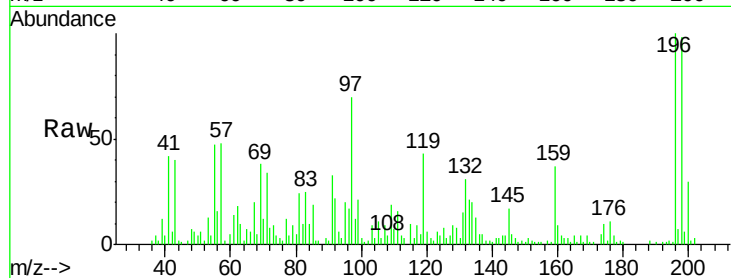




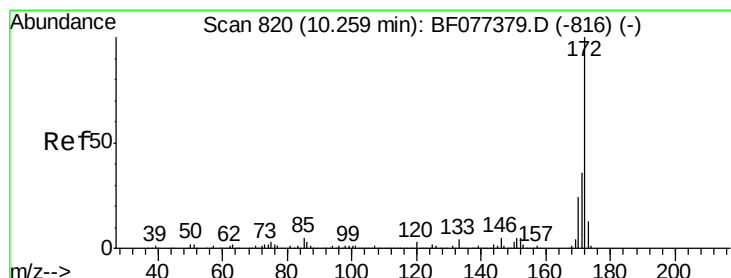
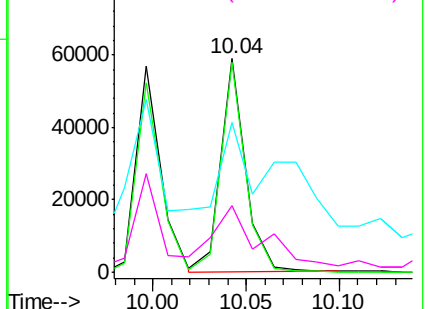
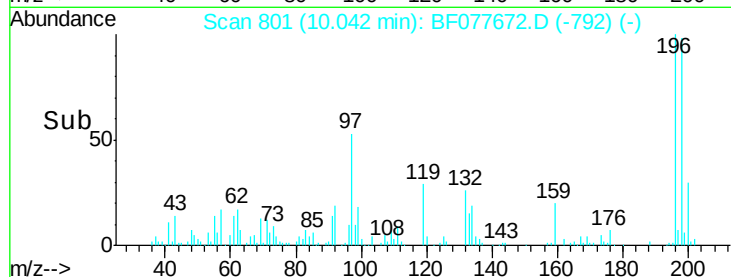
#43
 2,4,5-Trichlorophenol
 Concen: 26.14 ng
 RT: 10.04 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MSD

Tgt Ion:196 Resp: 54463
 Ion Ratio Lower Upper
 196 100
 198 98.3 77.2 115.8
 97 70.2 27.7 41.5#
 132 31.0 18.0 27.0#

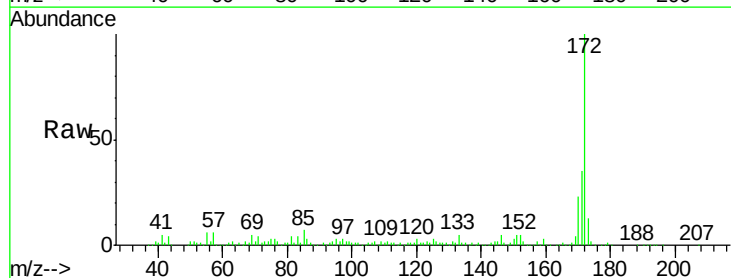


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

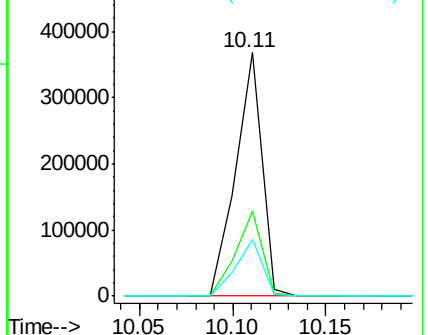
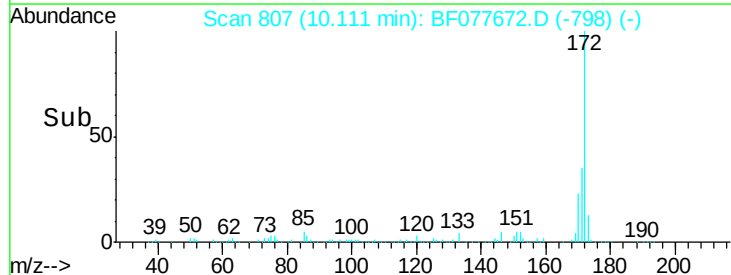


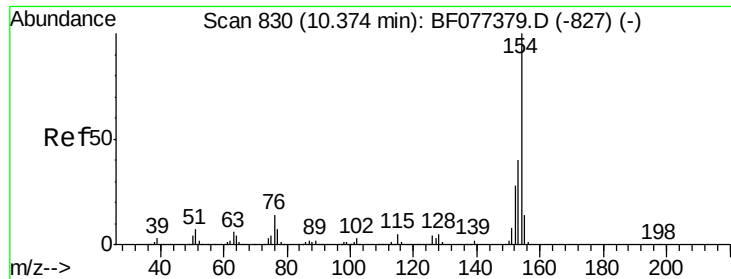
#44
 2-Fluorobiphenyl
 Concen: 55.53 ng
 RT: 10.11 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Tgt Ion:172 Resp: 365229
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.9 43.3
 170 23.4 19.4 29.2



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

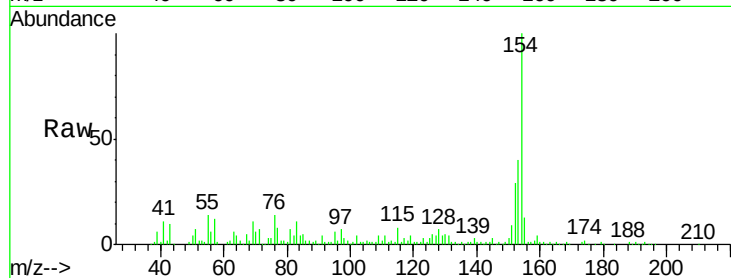




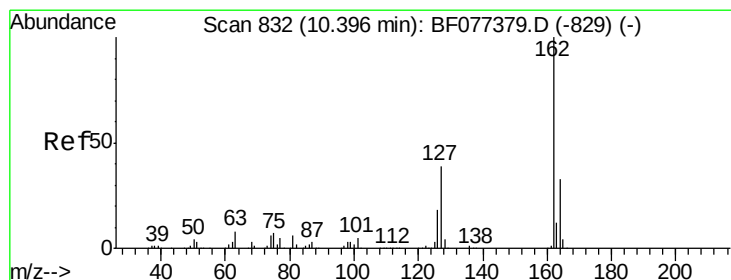
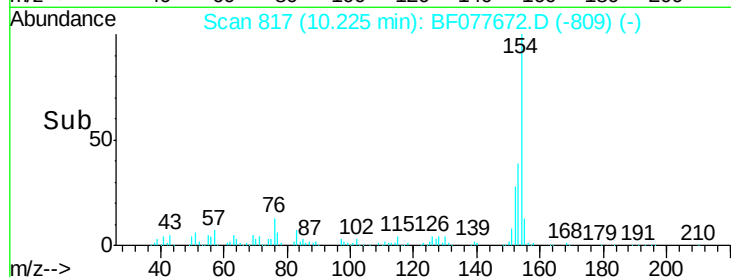
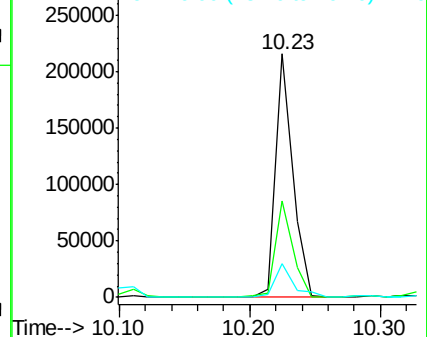
#45
 1,1'-Biphenyl
 Concen: 25.73 ng
 RT: 10.23 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MSD

Tgt Ion:	154	Resp:	199912
Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.2	60.2
76	13.7	0.0	29.4

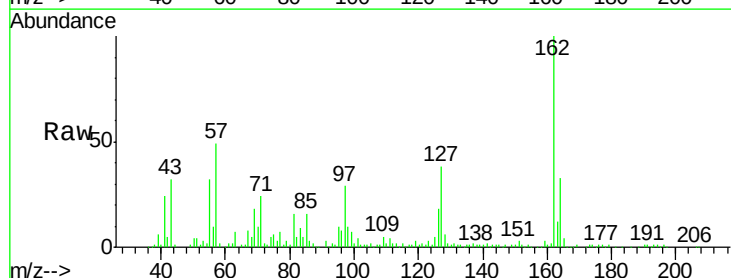


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

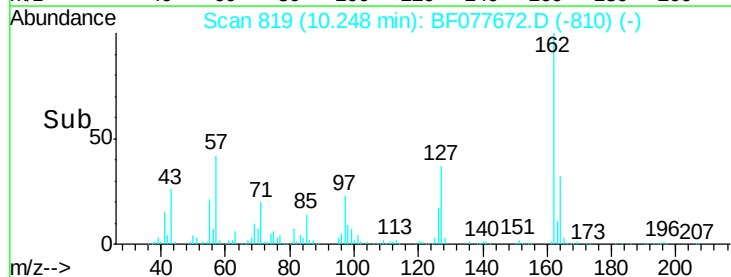
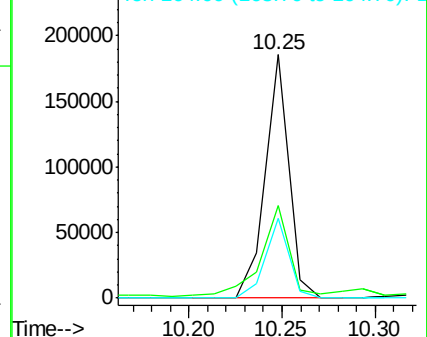


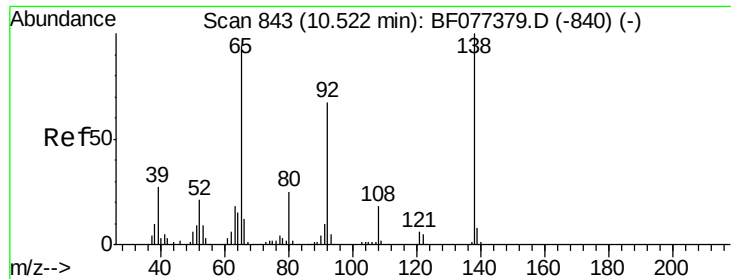
#46
 2-Chloronaphthalene
 Concen: 26.55 ng
 RT: 10.25 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Tgt Ion:	162	Resp:	161755
Ion	Ratio	Lower	Upper
162	100		
127	38.3	33.3	49.9
164	32.6	26.2	39.4



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

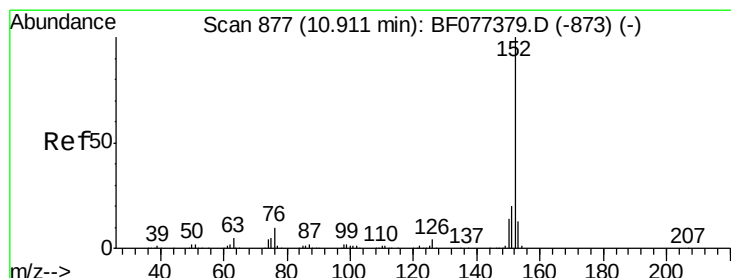
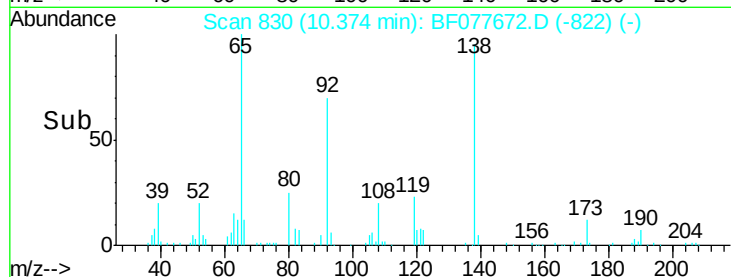
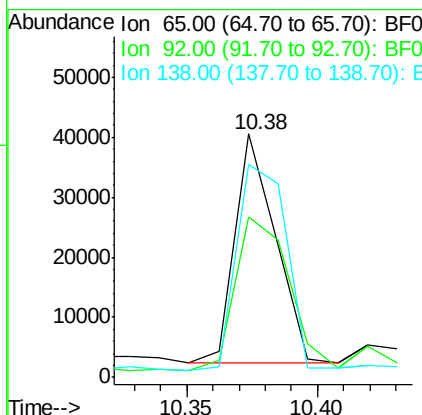
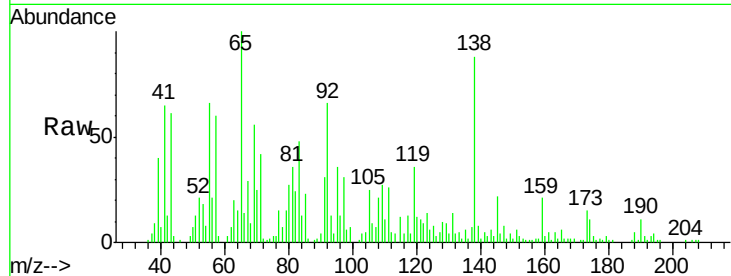




#47
2-Nitroaniline
Concen: 27.65 ng
RT: 10.38 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

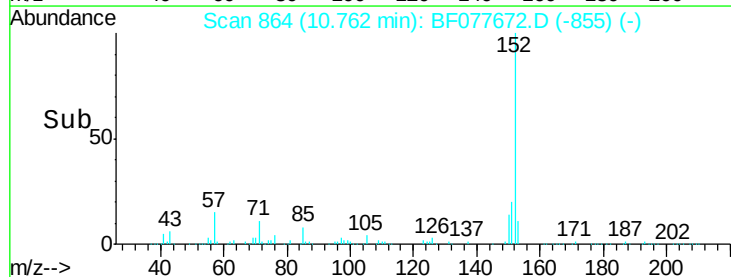
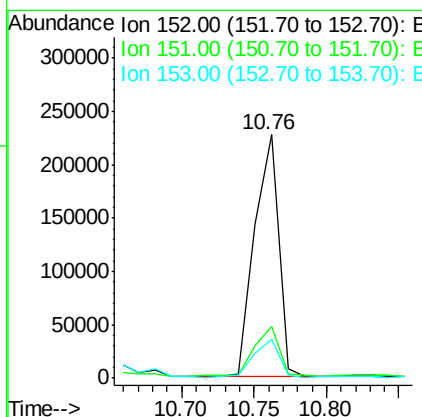
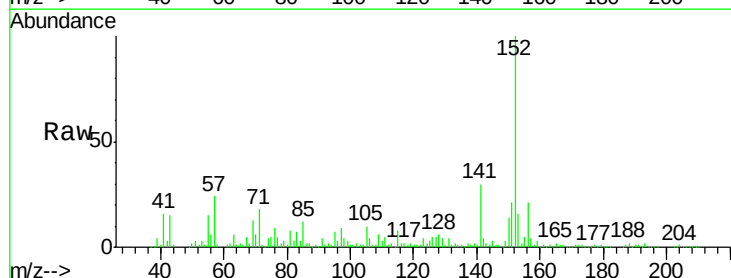
Instrument :
BNA_F
ClientSampleId :
B2(8-9)MSD

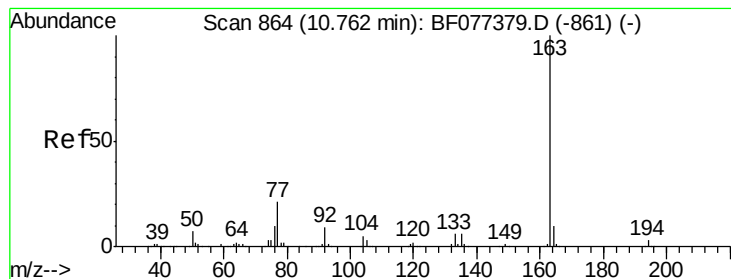
Tgt Ion: 65 Resp: 41472
Ion Ratio Lower Upper
65 100
92 65.8 52.4 78.6
138 87.6 73.4 110.0



#48
Acenaphthylene
Concen: 27.22 ng
RT: 10.76 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Tgt Ion: 152 Resp: 262536
Ion Ratio Lower Upper
152 100
151 21.1 16.1 24.1
153 15.9 10.9 16.3





#49

Dimethylphthalate

Concen: 27.01 ng

RT: 10.62 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Instrument :

BNA_F

ClientSampleId :

B2(8-9)MSD

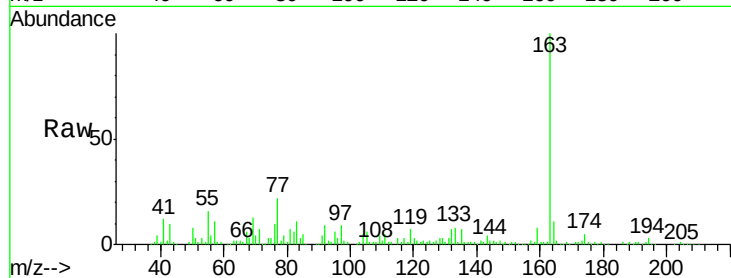
Tgt Ion:163 Resp: 194696

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

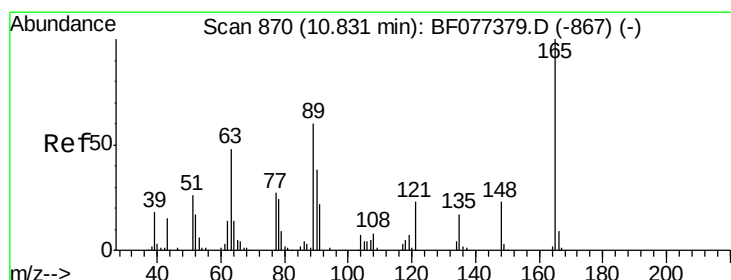
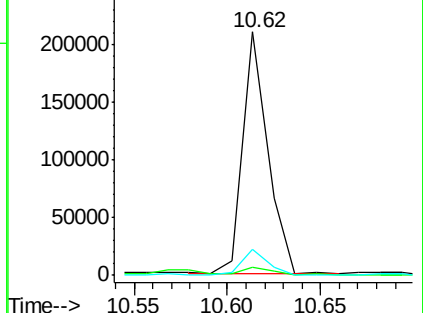
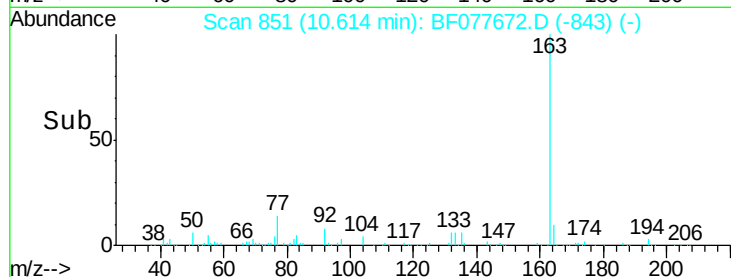
164 10.7 8.6 13.0



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: 27.10 ng

RT: 10.69 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

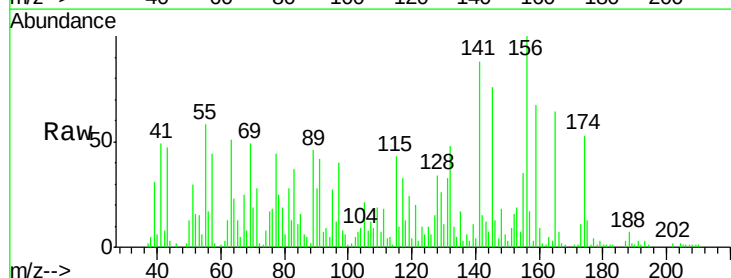
Tgt Ion:165 Resp: 39173

Ion Ratio Lower Upper

165 100

63 79.7 25.2 37.8#

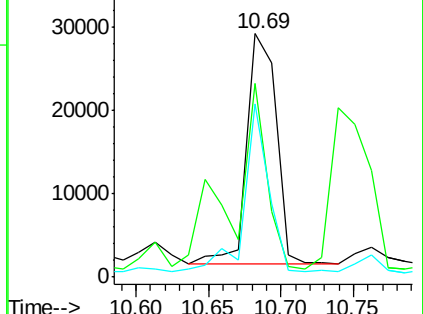
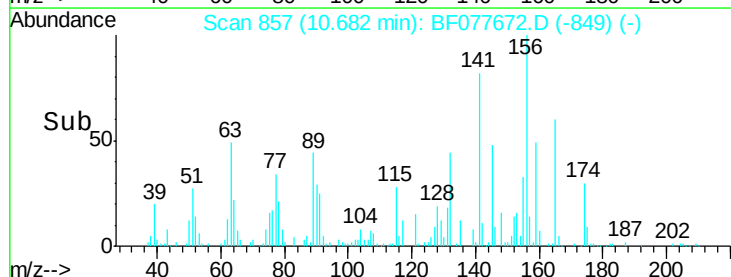
89 71.2 30.5 45.7#

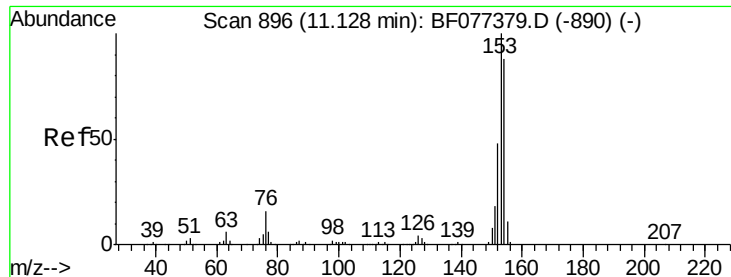


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 26.75 ng

RT: 10.97 min Scan# 882

Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Instrument :

BNA_F

ClientSampleId :

B2(8-9)MSD

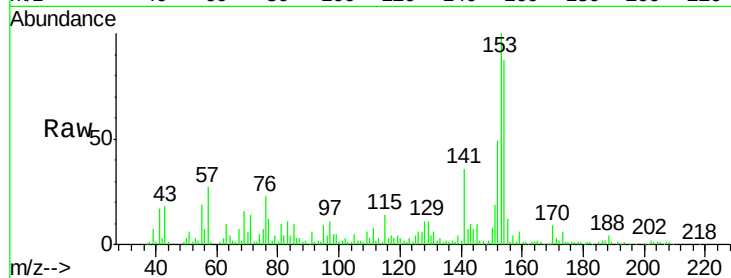
Tgt Ion:154 Resp: 153960

Ion Ratio Lower Upper

154 100

153 115.5 90.5 135.7

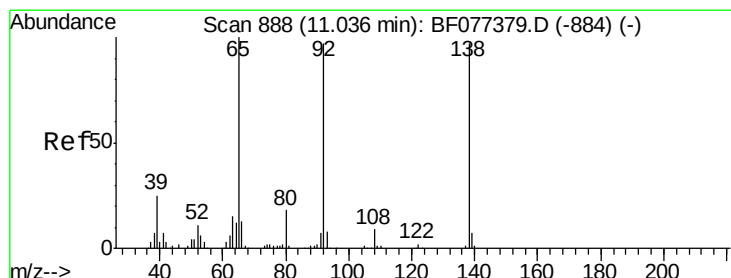
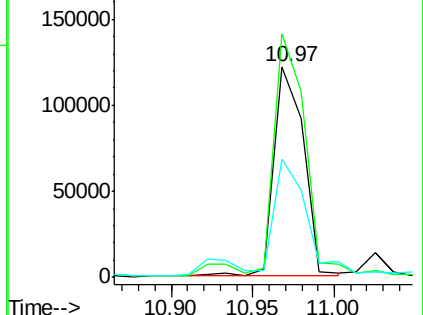
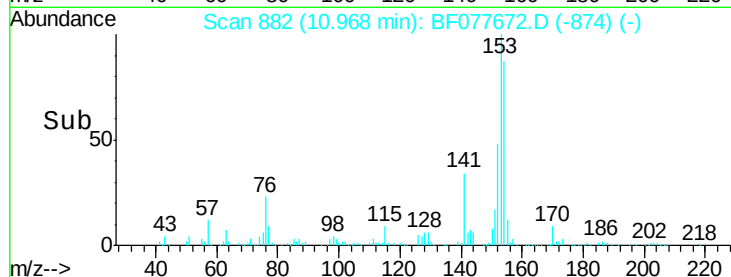
152 56.3 43.5 65.3



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: 29.53 ng

RT: 10.89 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

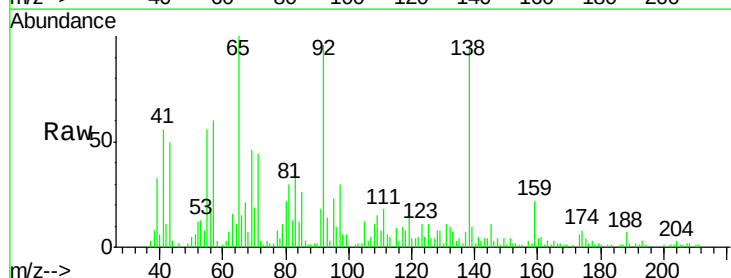
Tgt Ion:138 Resp: 49222

Ion Ratio Lower Upper

138 100

108 11.5 7.8 11.8

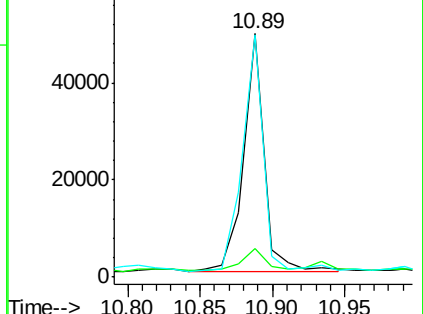
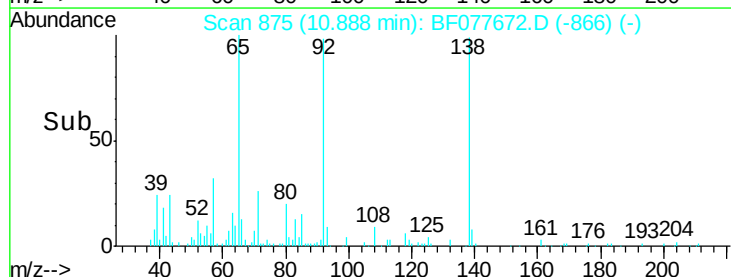
92 99.5 90.6 135.8

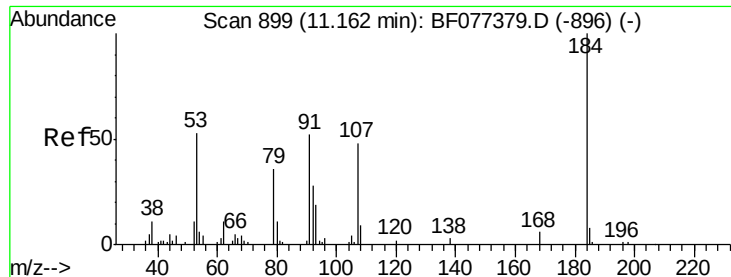


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

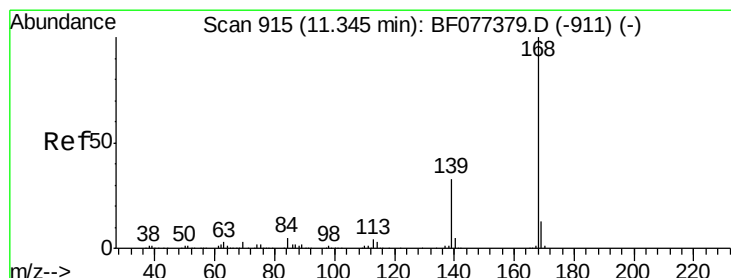
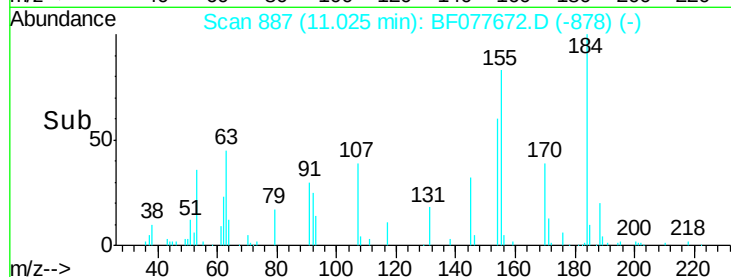
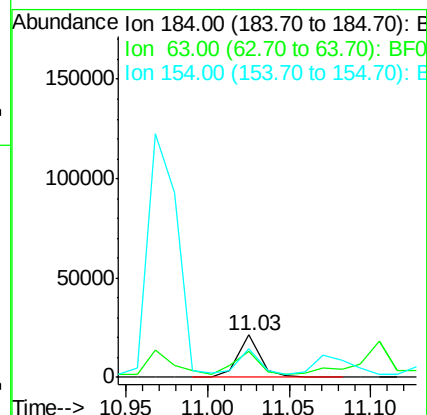
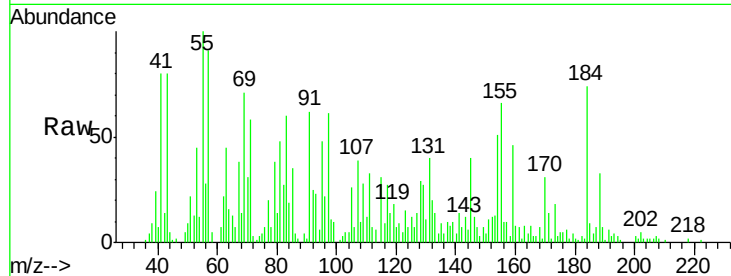




#53
2,4-Dinitrophenol
Concen: 45.79 ng
RT: 11.03 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

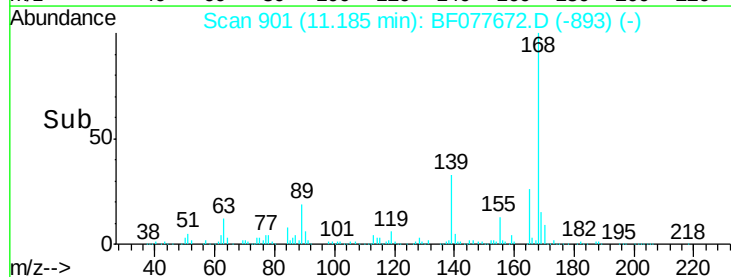
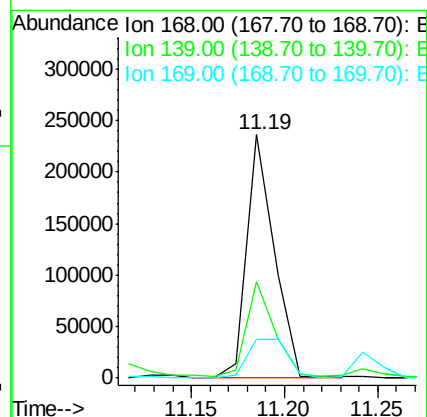
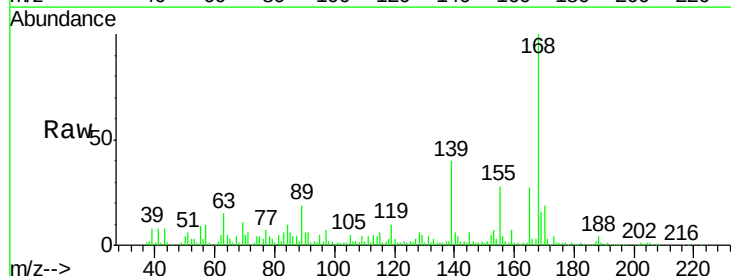
Instrument :
BNA_F
ClientSampleId :
B2(8-9)MSD

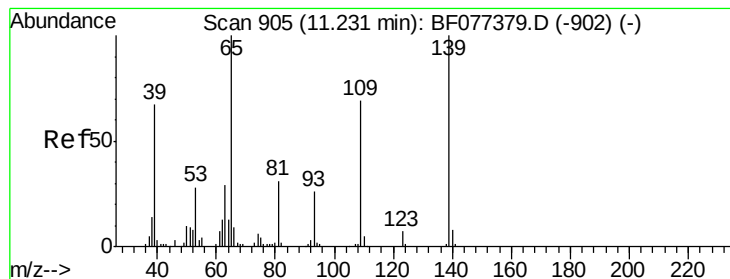
Tgt Ion:184 Resp: 20144
Ion Ratio Lower Upper
184 100
63 60.3 29.5 44.3#
154 68.2 43.2 64.8#



#54
Dibenzofuran
Concen: 27.17 ng
RT: 11.19 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Tgt Ion:168 Resp: 241461
Ion Ratio Lower Upper
168 100
139 39.7 29.3 43.9
169 15.8 10.9 16.3





#55

4-Nitrophenol

Concen: 61.23 ng

RT: 11.10 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Instrument :

BNA_F

ClientSampleId :

B2(8-9)MSD

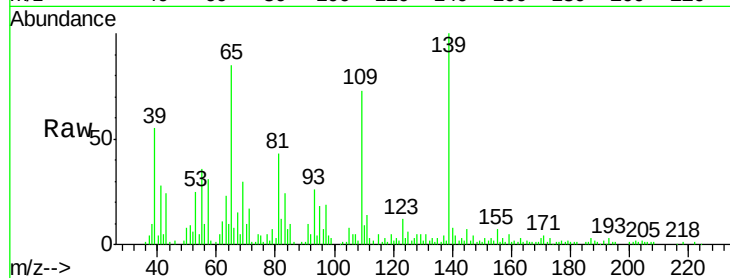
Tgt Ion:139 Resp: 82081

Ion Ratio Lower Upper

139 100

109 72.6 36.2 76.2

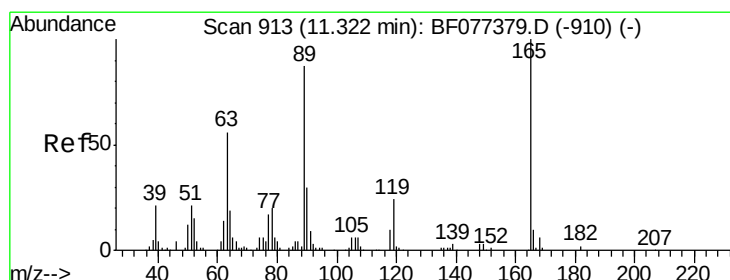
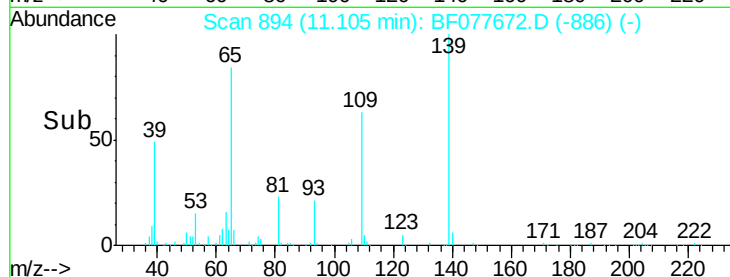
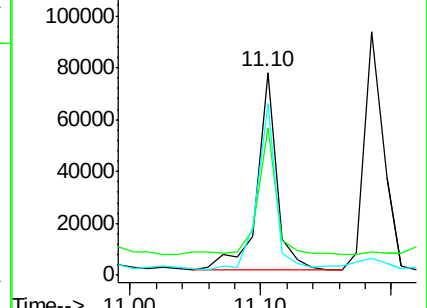
65 84.8 40.3 80.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 31.58 ng

RT: 11.19 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Tgt Ion:165 Resp: 61698

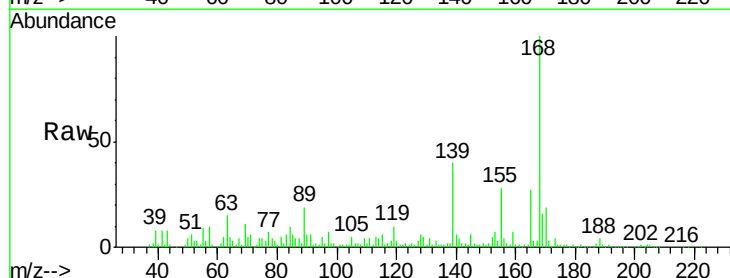
Ion Ratio Lower Upper

165 100

63 54.0 29.8 44.8#

89 69.6 48.5 72.7

182 5.3 1.9 2.9#

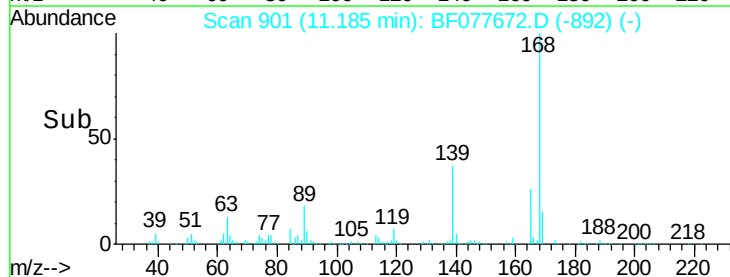
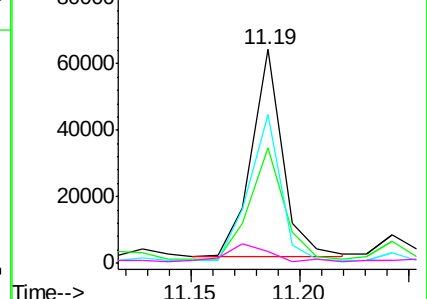


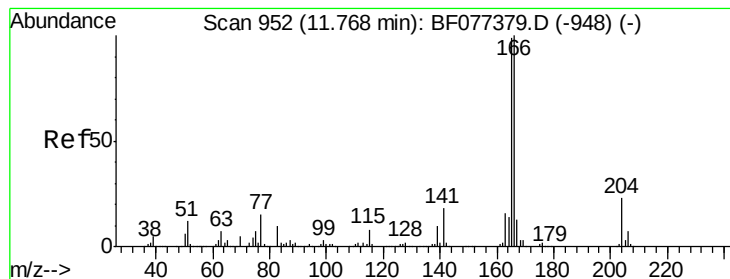
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 31.19 ng

RT: 11.61 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Instrument :

BNA_F

ClientSampleId :

B2(8-9)MSD

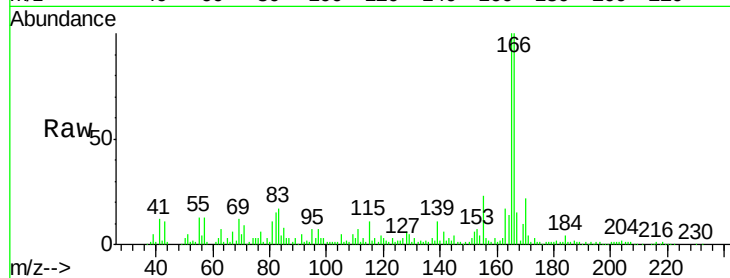
Tgt Ion:166 Resp: 221627

Ion Ratio Lower Upper

166 100

165 100.4 77.6 116.4

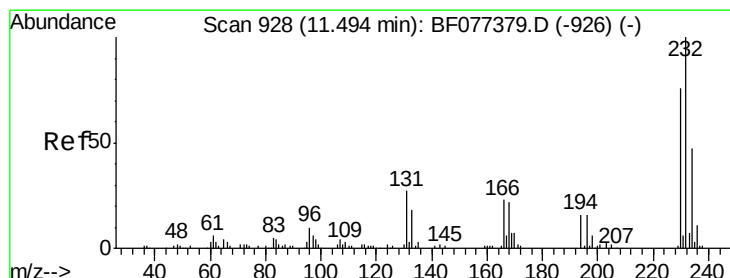
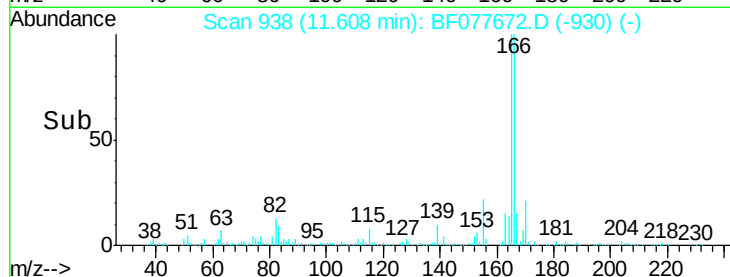
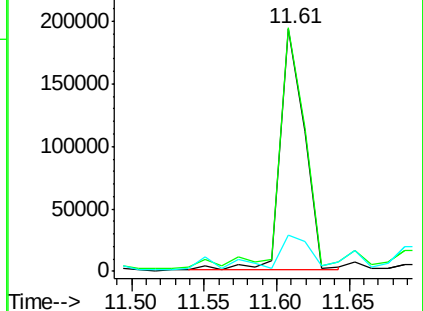
167 15.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 25.43 ng

RT: 11.34 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Tgt Ion:232 Resp: 42603

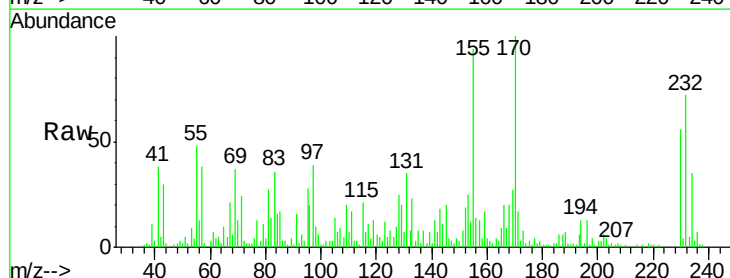
Ion Ratio Lower Upper

232 100

131 76.3 34.2 51.2#

130 13.1 1.8 2.6#

166 34.5 24.3 36.5

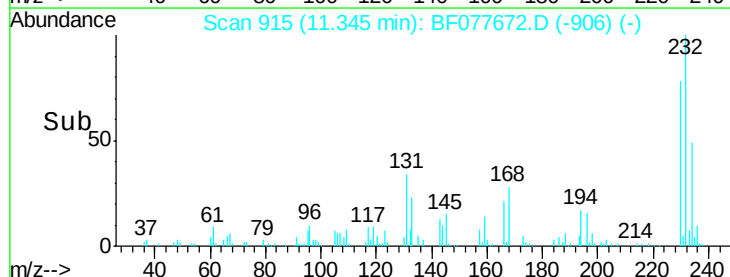
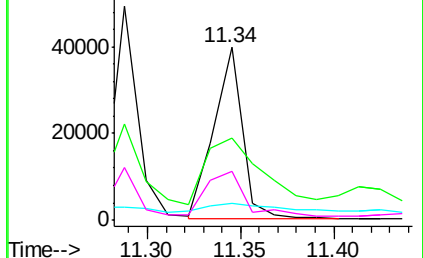


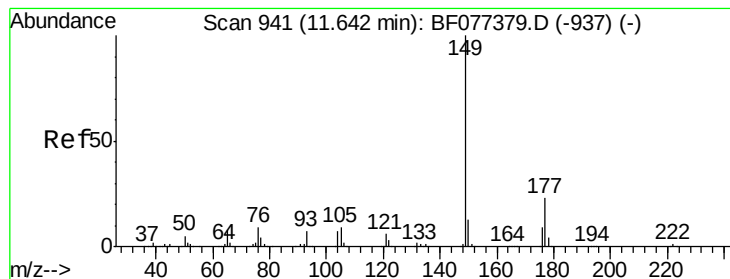
Abundance Ion 232.00 (231.70 to 232.70): E

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: 25.39 ng

RT: 11.49 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Instrument :

BNA_F

ClientSampleId :

B2(8-9)MSD

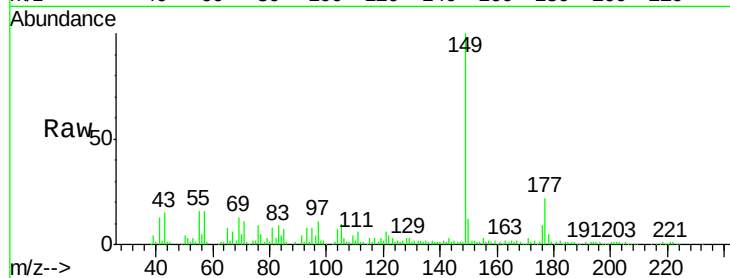
Tgt Ion:149 Resp: 180450

Ion Ratio Lower Upper

149 100

177 22.5 17.2 25.8

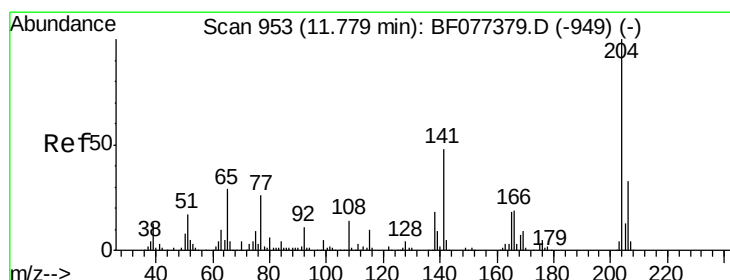
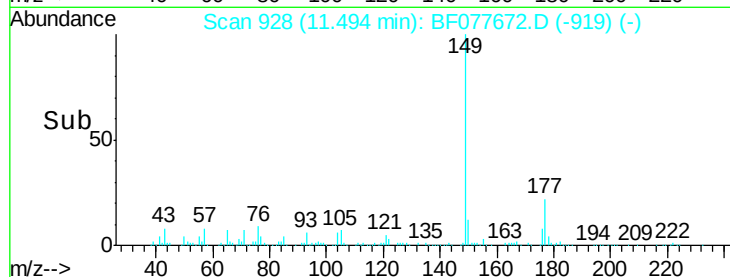
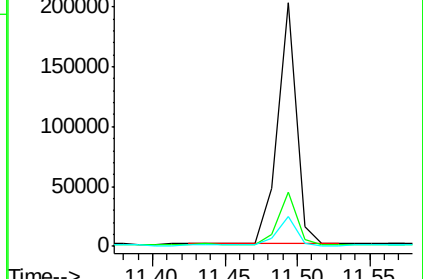
150 12.4 10.5 15.7



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: 23.45 ng

RT: 11.62 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

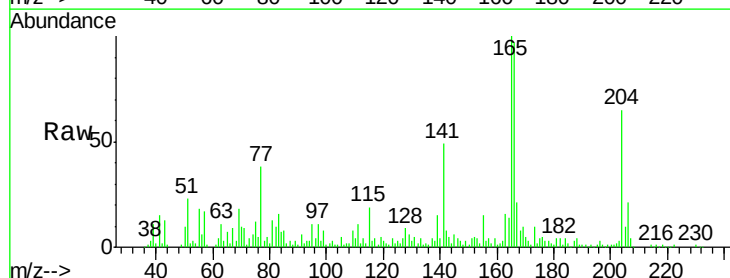
Tgt Ion:204 Resp: 80274

Ion Ratio Lower Upper

204 100

206 33.1 25.9 38.9

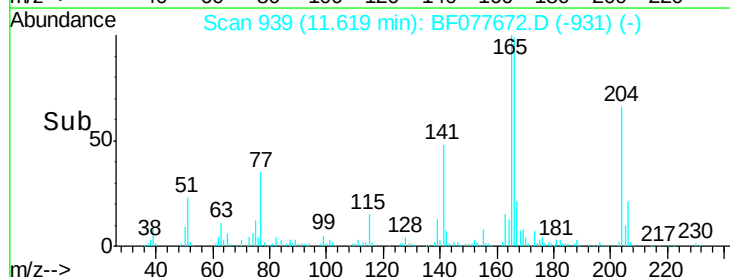
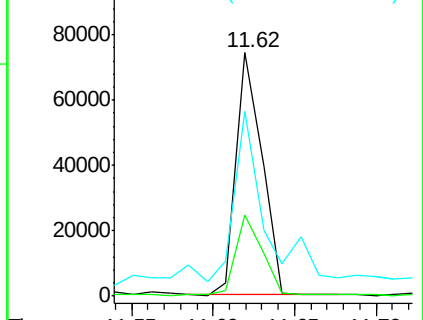
141 75.9 43.6 65.4#

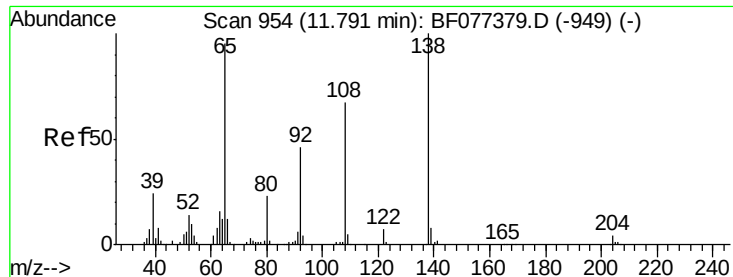


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

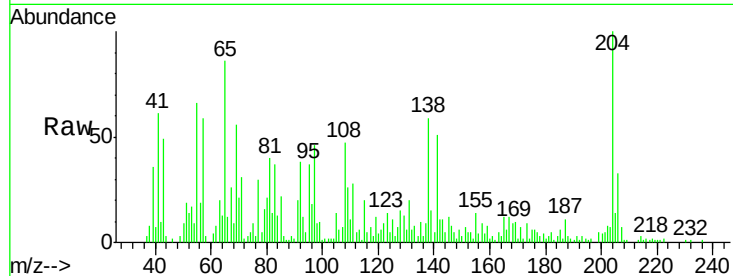




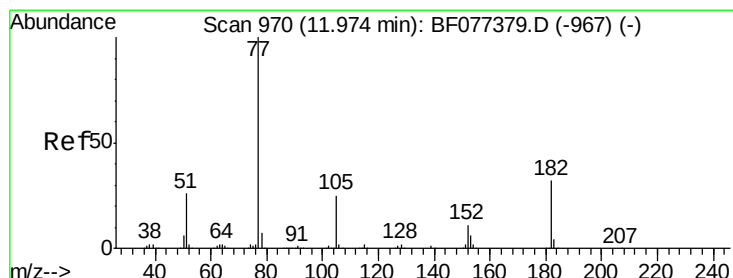
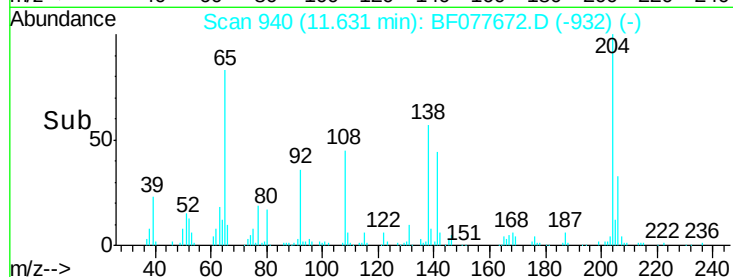
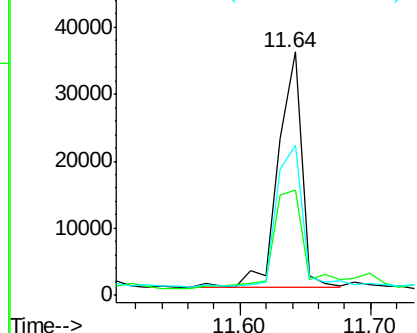
#61
4-Nitroaniline
Concen: 27.75 ng
RT: 11.64 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MSD

Tgt Ion: 138 Resp: 44324
Ion Ratio Lower Upper
138 100
92 64.1 32.8 72.8
108 80.1 52.1 92.1

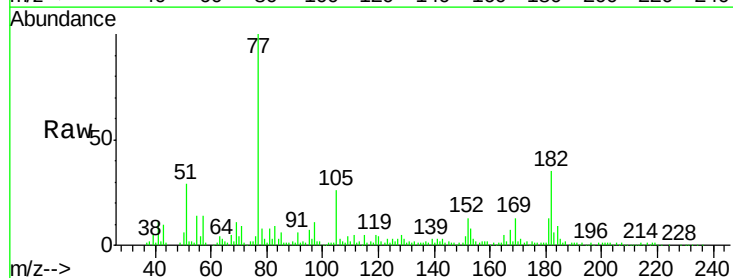


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

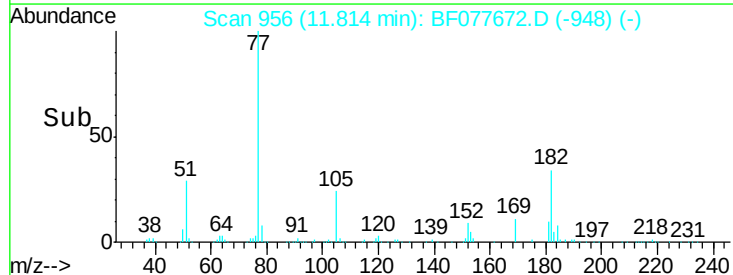
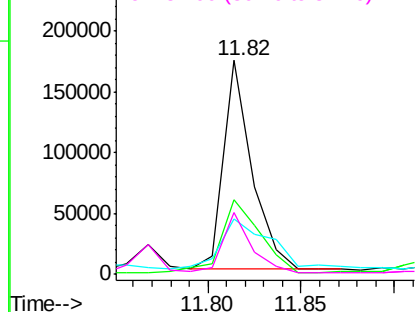


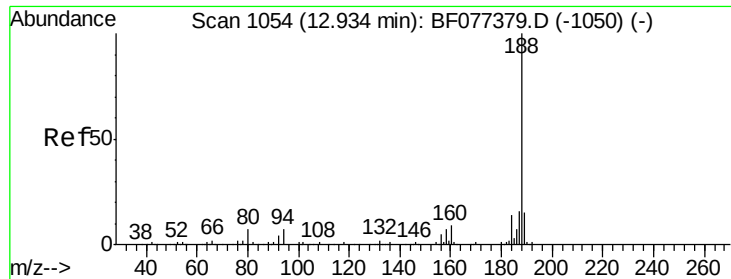
#62
Azobenzene
Concen: 27.01 ng
RT: 11.82 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Tgt Ion: 77 Resp: 182114
Ion Ratio Lower Upper
77 100
182 35.0 4.9 44.9
105 25.7 3.3 43.3
51 29.0 8.9 48.9



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.77 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Instrument :

BNA_F

ClientSampleId :

B2(8-9)MSD

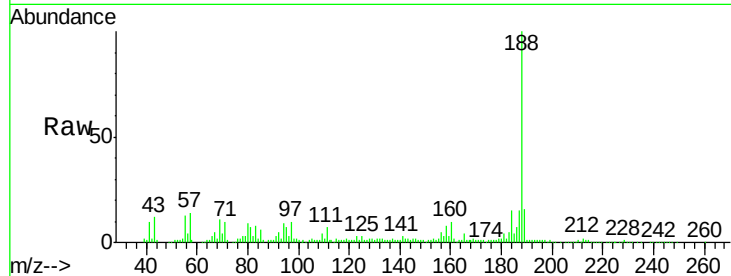
Tgt Ion:188 Resp: 194834

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

80 8.7 8.0 12.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

250000

200000

150000

100000

50000

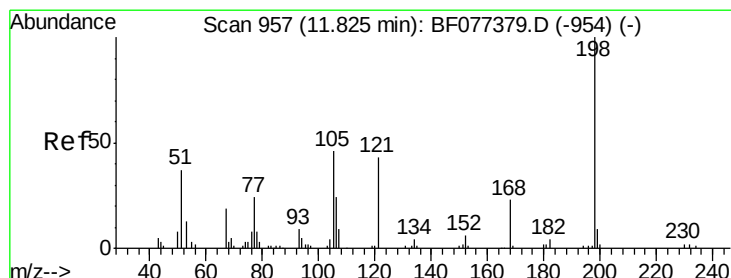
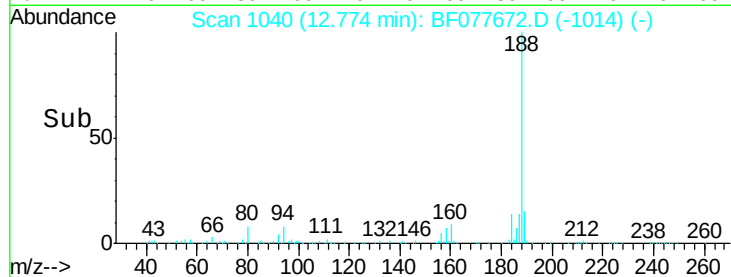
0

12.77

12.70

12.80

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 24.08 ng

RT: 11.69 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

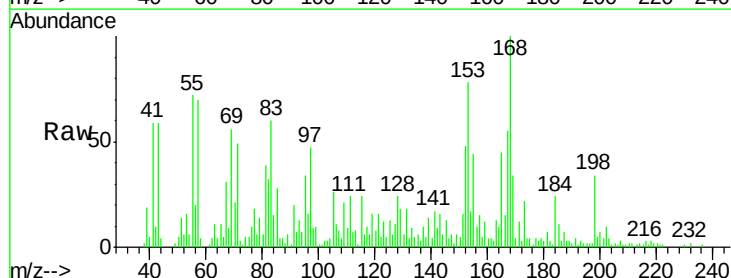
Tgt Ion:198 Resp: 17161

Ion Ratio Lower Upper

198 100

51 42.1 2.7 42.7

105 74.9 10.0 50.0#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

30000

20000

10000

0

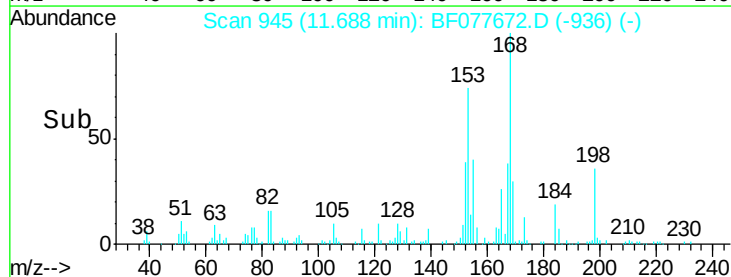
11.69

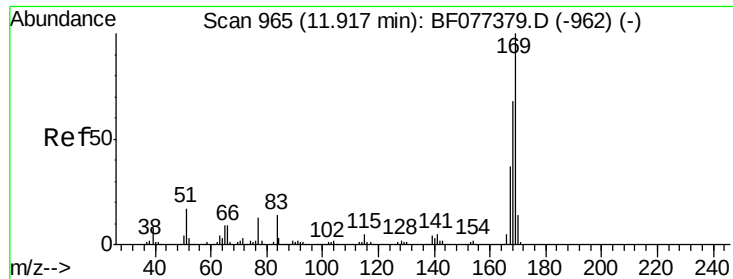
11.65

11.70

11.75

Time-->

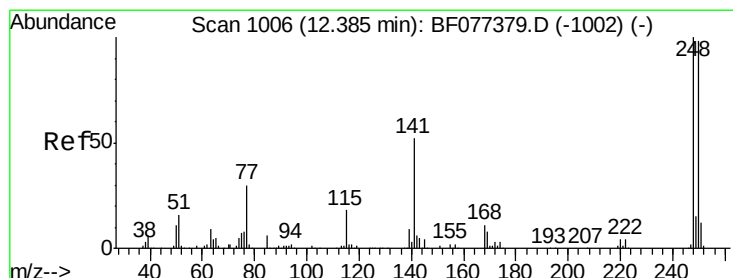
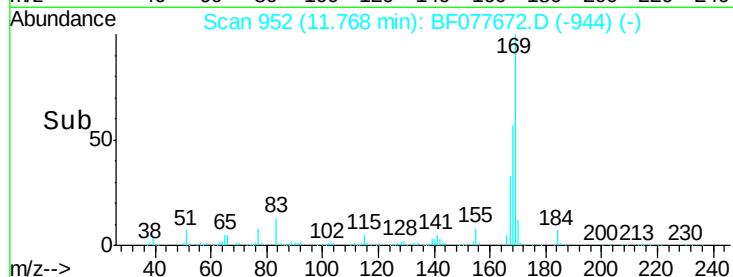
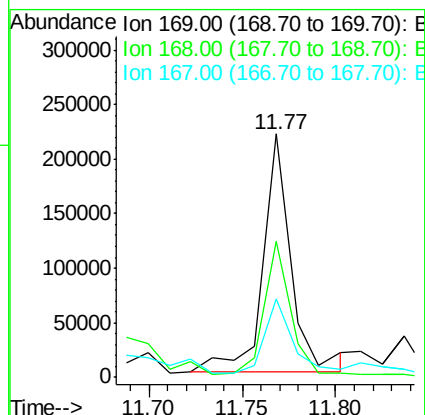
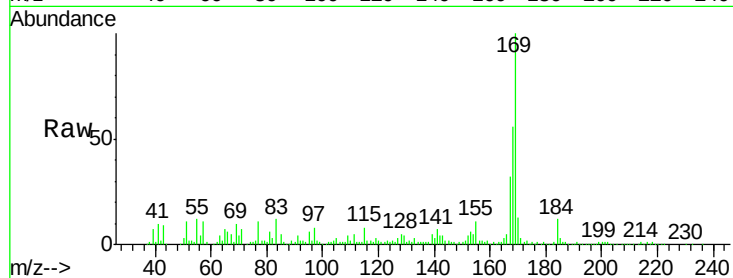




#65
 n-Nitrosodiphenylamine
 Concen: 35.69 ng
 RT: 11.77 min Scan# 952
 Delta R.T. -0.00 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

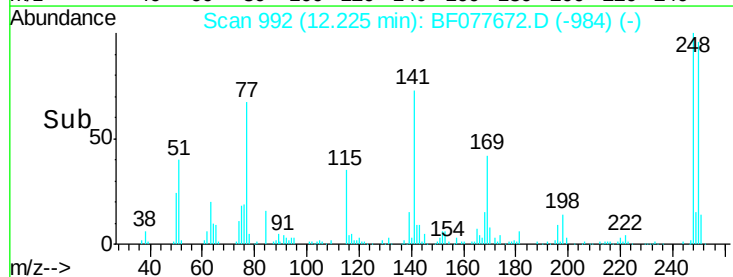
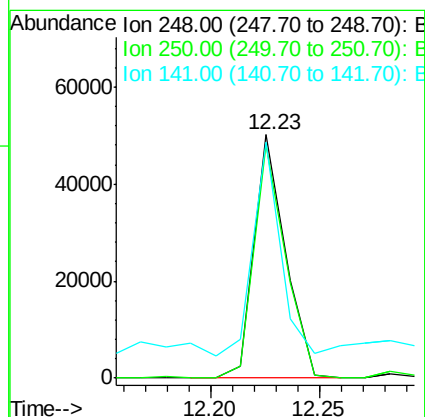
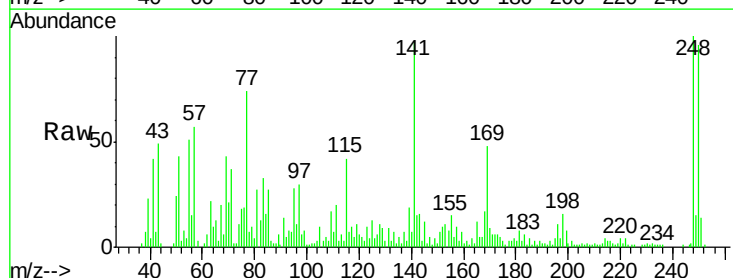
Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MSD

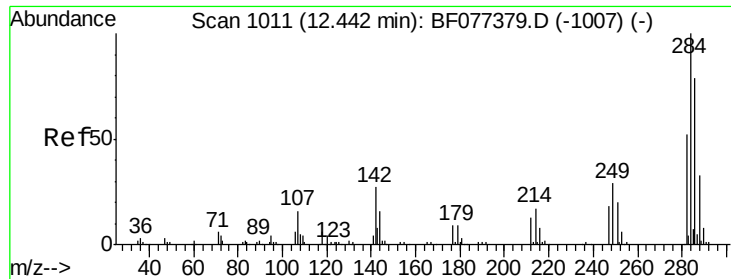
Tgt Ion:169 Resp: 230722
 Ion Ratio Lower Upper
 169 100
 168 56.1 53.0 79.6
 167 32.0 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 21.99 ng
 RT: 12.23 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Tgt Ion:248 Resp: 50177
 Ion Ratio Lower Upper
 248 100
 250 95.9 78.0 117.0
 141 97.1 54.1 81.1#

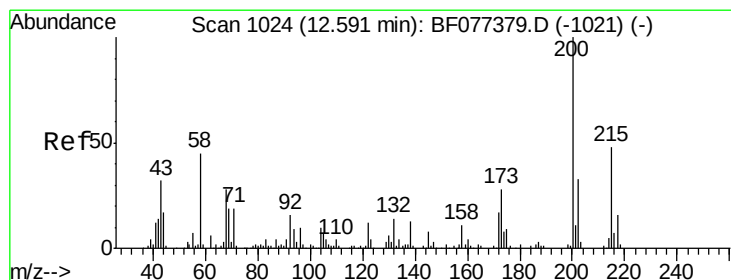
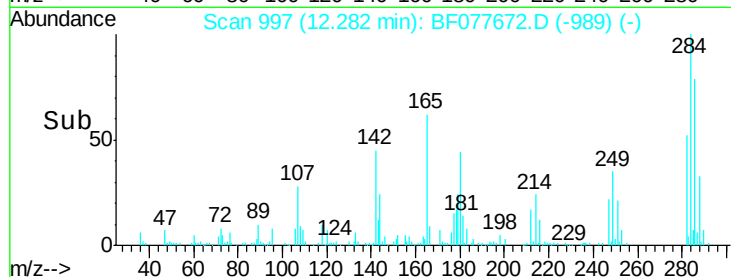
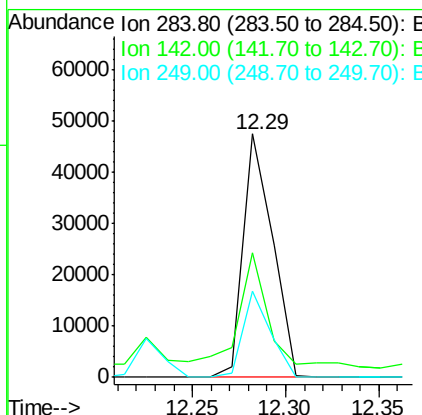
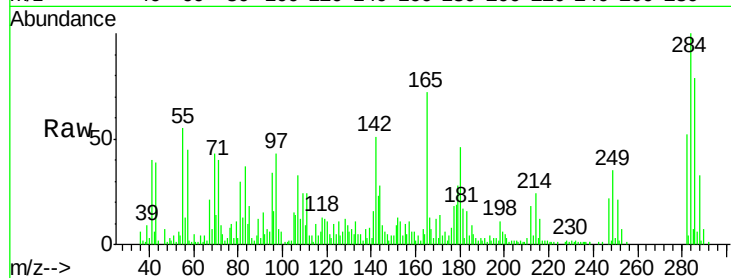




#67
Hexachlorobenzene
Concen: 21.15 ng
RT: 12.29 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

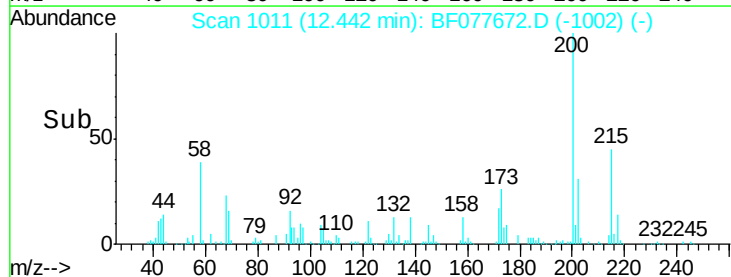
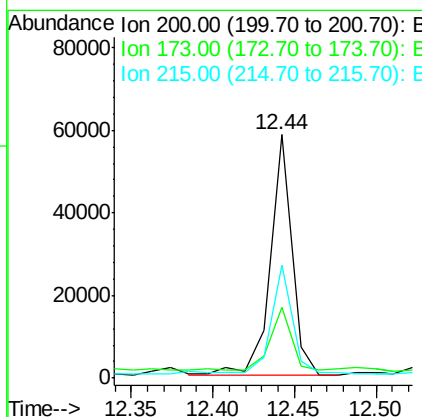
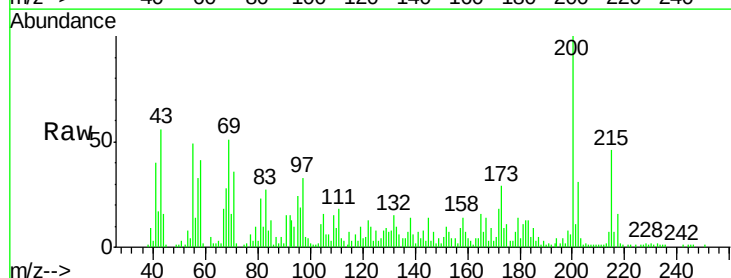
Instrument :
BNA_F
ClientSampleId :
B2(8-9)MSD

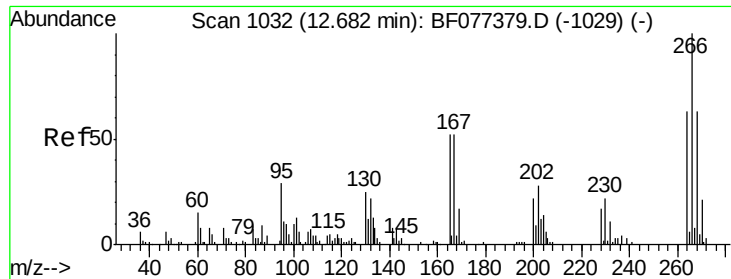
Tgt Ion:284 Resp: 51783
Ion Ratio Lower Upper
284 100
142 51.0 31.6 47.4#
249 35.2 27.0 40.4



#68
Atrazine
Concen: 25.73 ng
RT: 12.44 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Tgt Ion:200 Resp: 54077
Ion Ratio Lower Upper
200 100
173 29.1 9.6 49.6
215 46.2 24.4 64.4

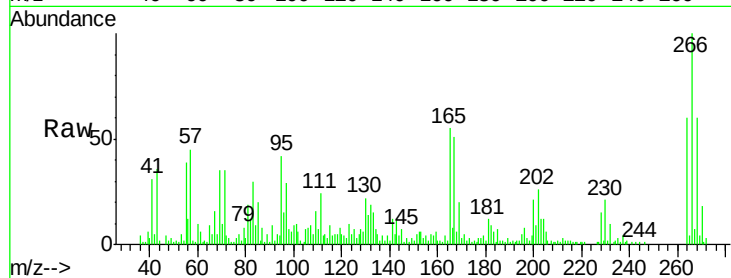




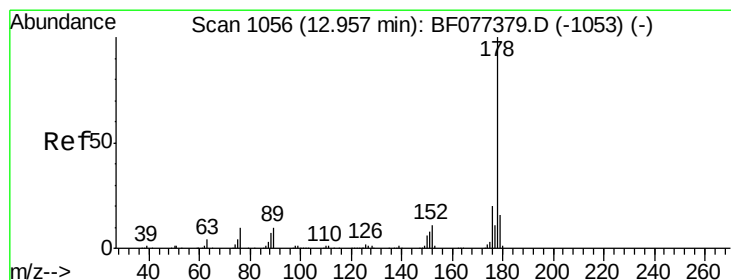
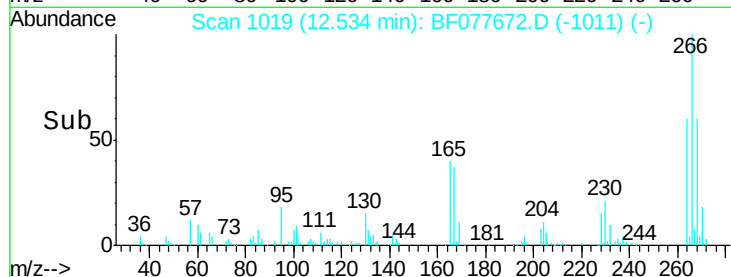
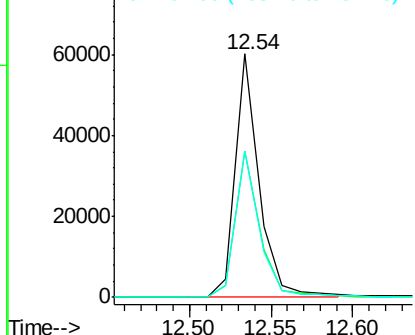
#69
 Pentachlorophenol
 Concen: 46.90 ng
 RT: 12.54 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MSD

Tgt Ion:266 Resp: 60363
 Ion Ratio Lower Upper
 266 100
 268 60.1 51.2 76.8
 264 60.1 50.7 76.1

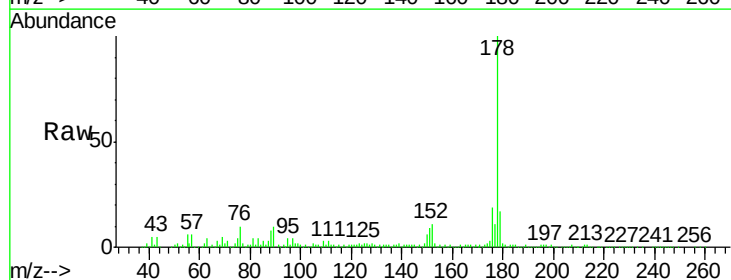


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

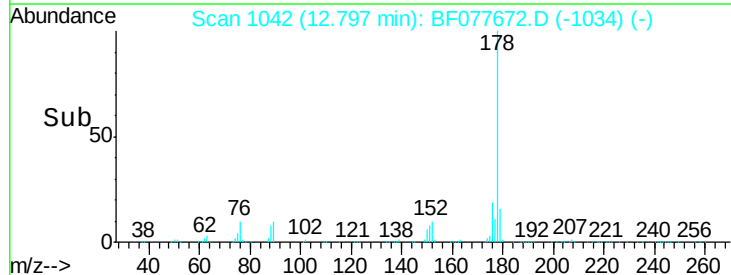
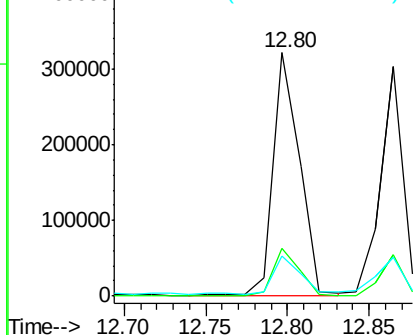


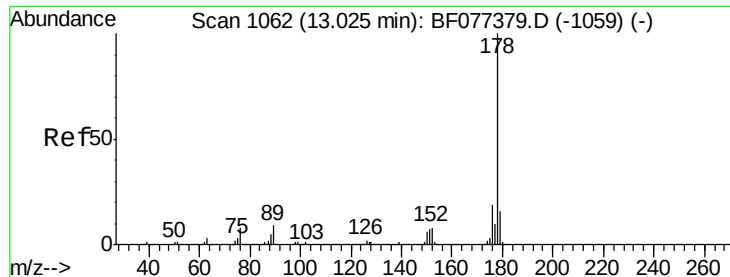
#70
 Phenanthrene
 Concen: 31.71 ng
 RT: 12.80 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Tgt Ion:178 Resp: 358064
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.5 23.3
 179 16.5 12.2 18.2



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

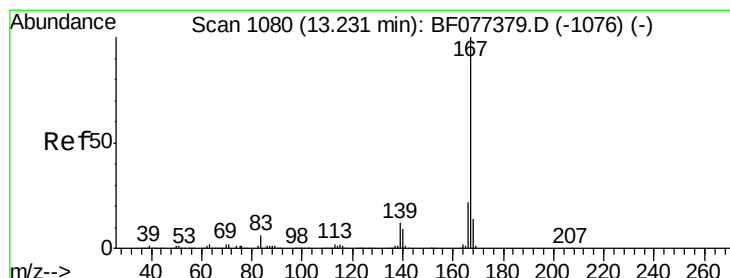
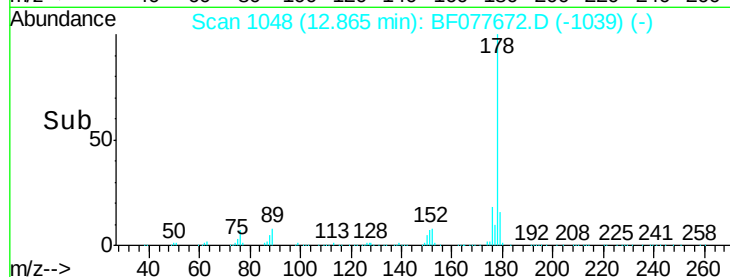
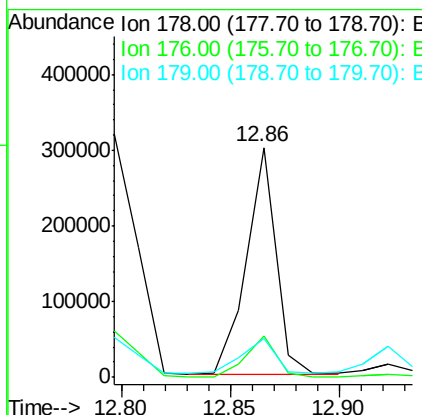
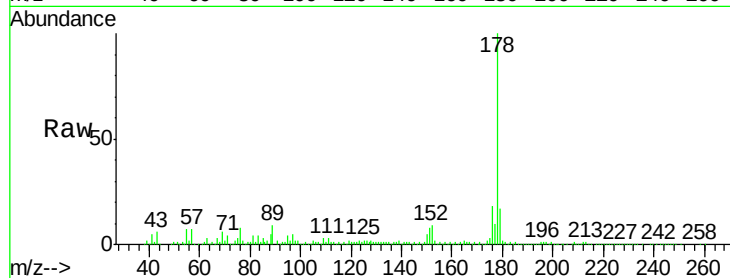




#71
 Anthracene
 Concen: 25.14 ng
 RT: 12.86 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

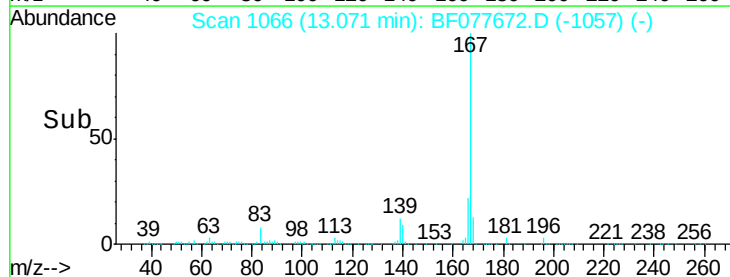
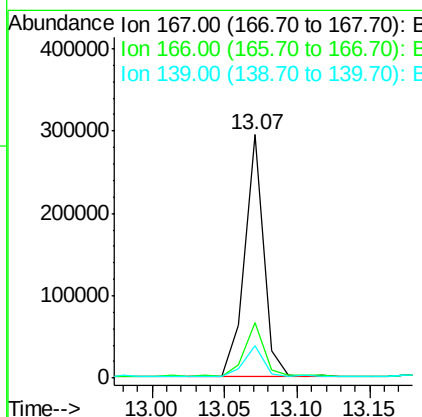
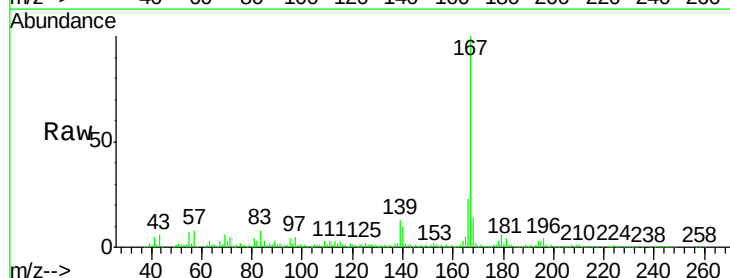
Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MSD

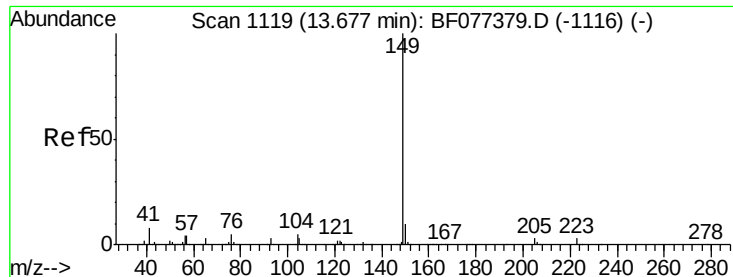
Tgt Ion:178 Resp: 281756
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.4 23.0
 179 17.0 12.9 19.3



#72
 Carbazole
 Concen: 25.17 ng
 RT: 13.07 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Tgt Ion:167 Resp: 268151
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.6 26.4
 139 13.2 9.9 14.9

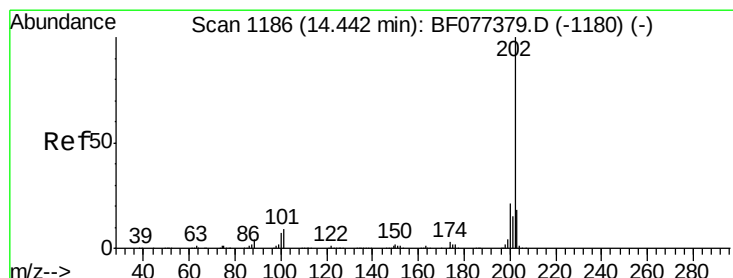
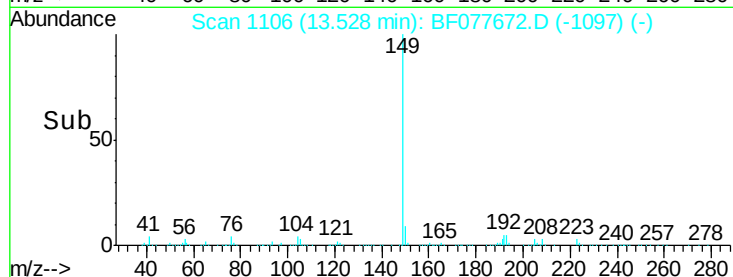
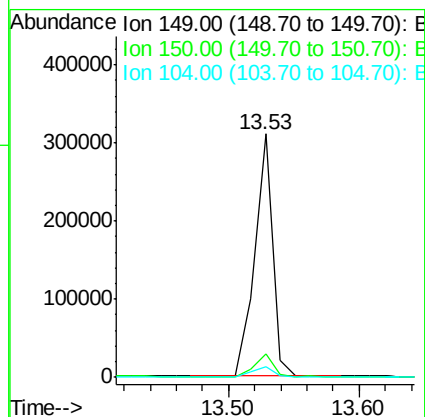
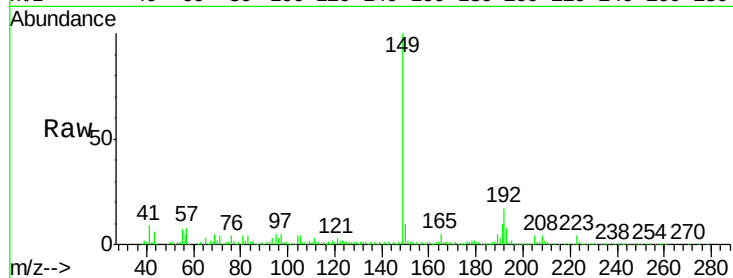




#73
Di-n-butylphthalate
Concen: 23.55 ng
RT: 13.53 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

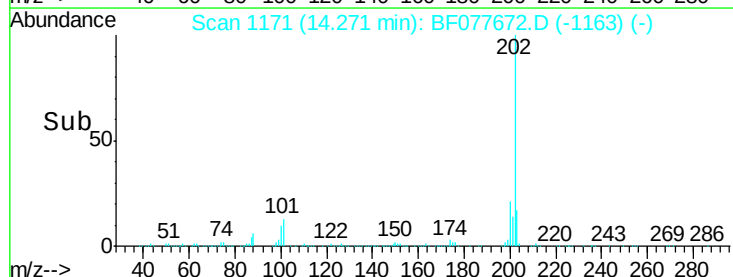
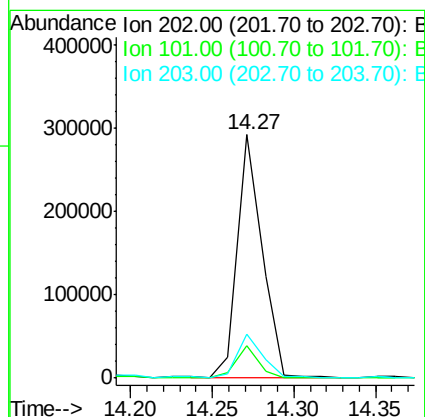
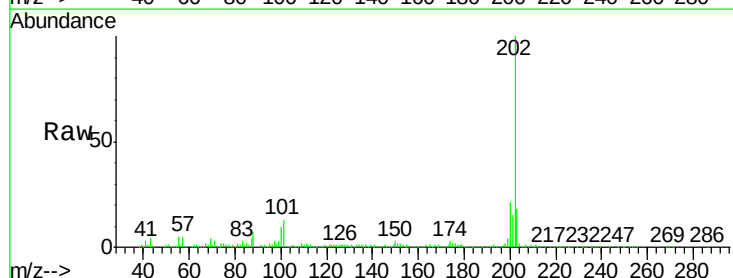
Instrument :
BNA_F
ClientSampleId :
B2(8-9)MSD

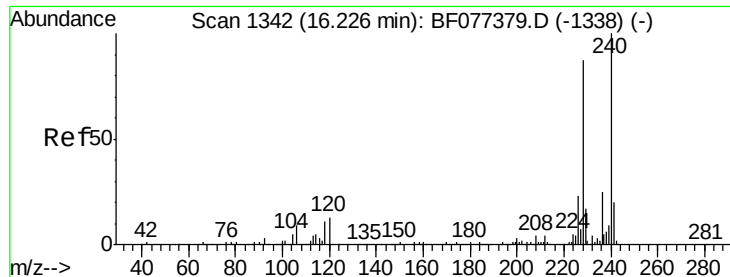
Tgt Ion:149 Resp: 294703
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.8
104 4.4 4.1 6.1



#74
Fluoranthene
Concen: 24.51 ng
RT: 14.27 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Tgt Ion:202 Resp: 302278
Ion Ratio Lower Upper
202 100
101 13.1 0.0 30.8
203 17.9 0.0 37.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.09 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Instrument :

BNA_F

ClientSampleId :

B2(8-9)MSD

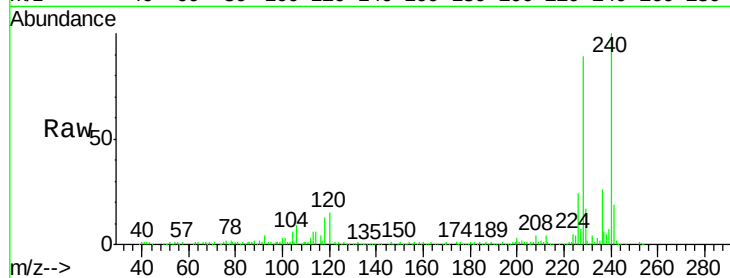
Tgt Ion:240 Resp: 215906

Ion Ratio Lower Upper

240 100

120 15.0 8.8 13.2#

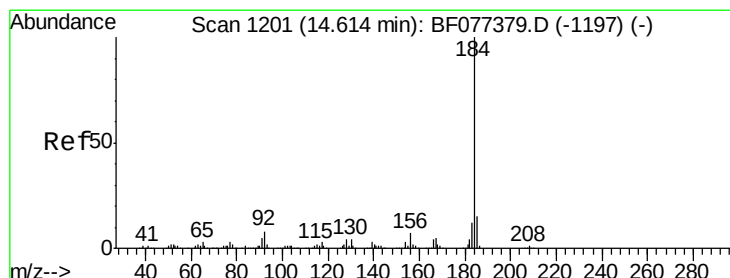
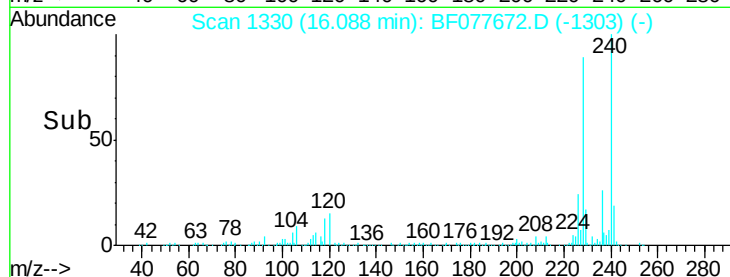
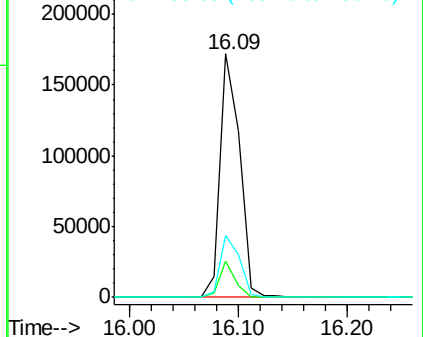
236 25.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.77 ng

RT: 14.46 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

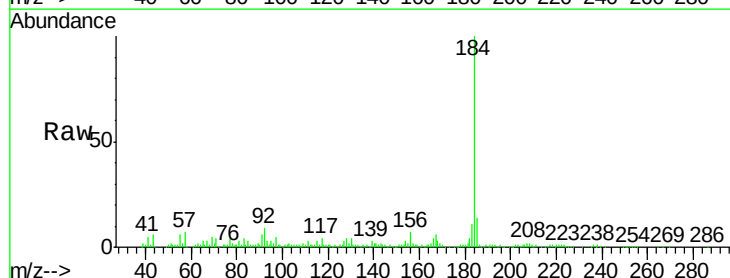
Tgt Ion:184 Resp: 180719

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

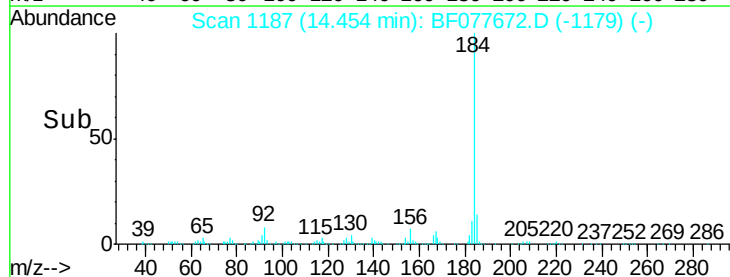
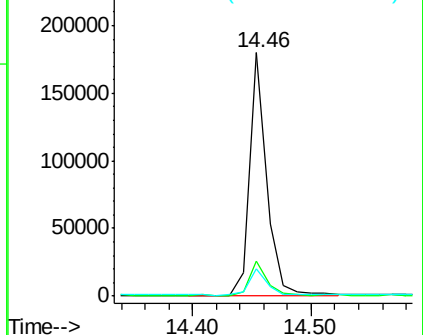
183 11.4 9.3 13.9

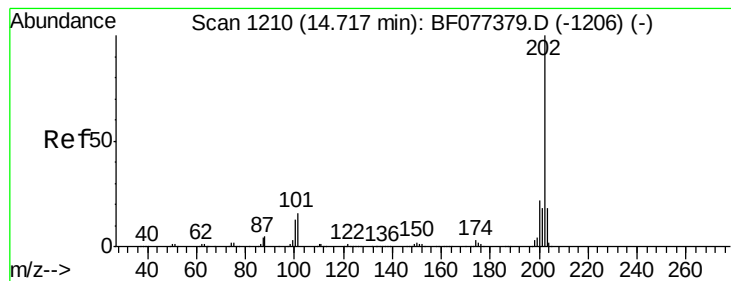


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 25.43 ng

RT: 14.55 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Instrument :

BNA_F

ClientSampleId :

B2(8-9)MSD

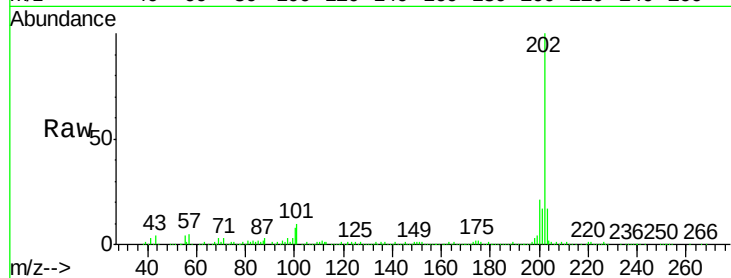
Tgt Ion: 202 Resp: 335862

Ion Ratio Lower Upper

202 100

200 20.6 17.1 25.7

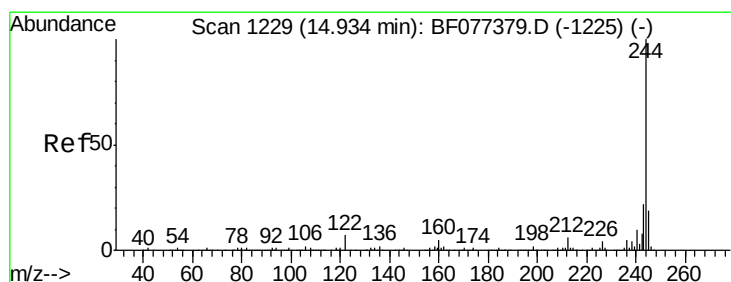
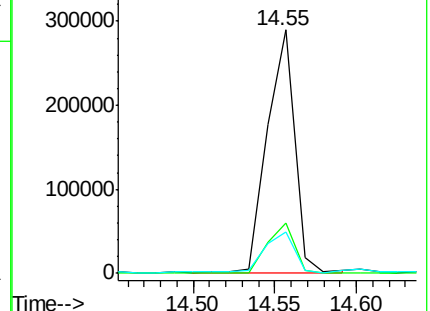
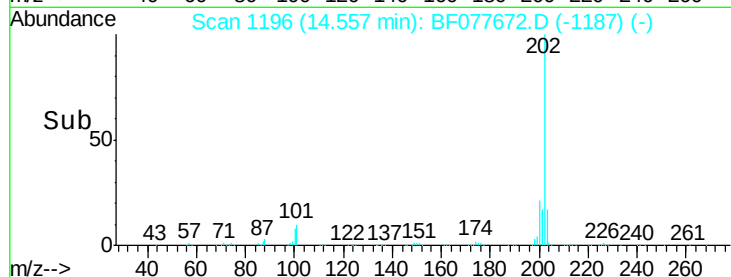
203 17.1 14.2 21.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 46.07 ng

RT: 14.77 min Scan# 1214

Delta R.T. -0.00 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

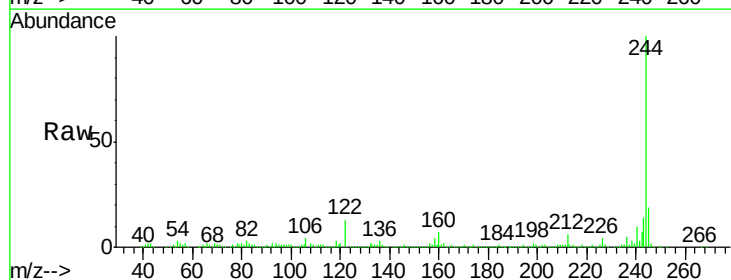
Tgt Ion: 244 Resp: 425479

Ion Ratio Lower Upper

244 100

212 6.5 5.2 7.8

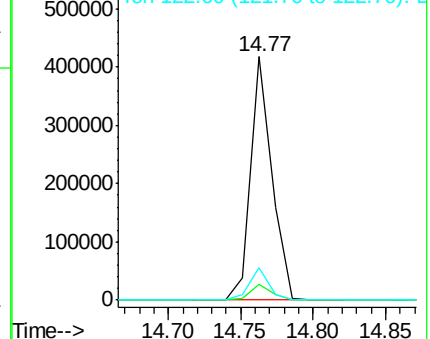
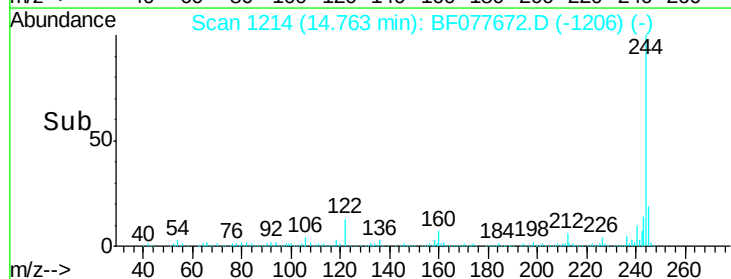
122 13.3 7.8 11.8#

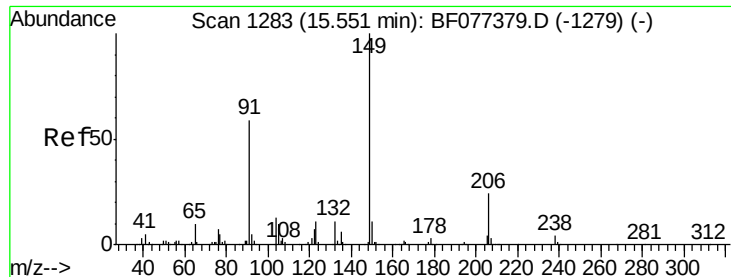


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

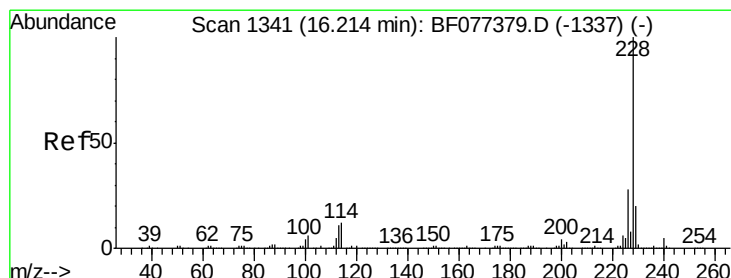
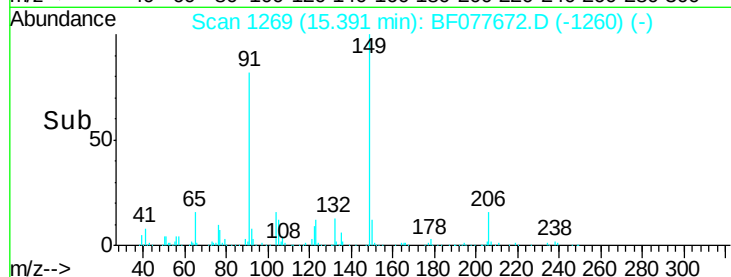
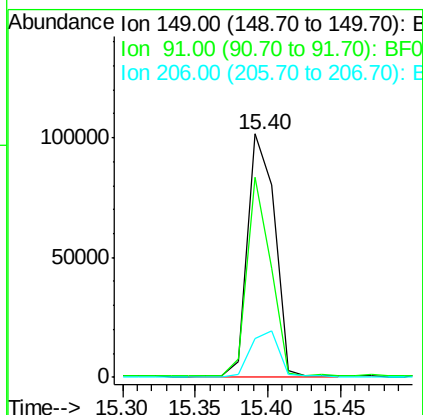
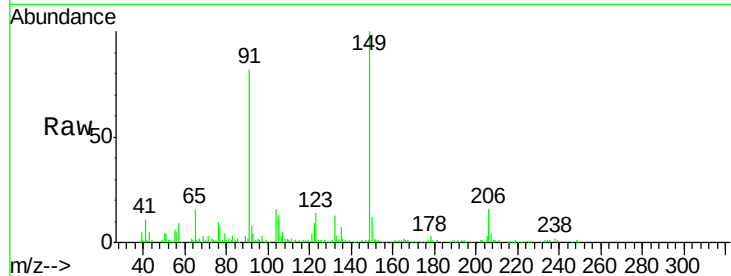




#79
Butylbenzylphthalate
Concen: 24.08 ng
RT: 15.40 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

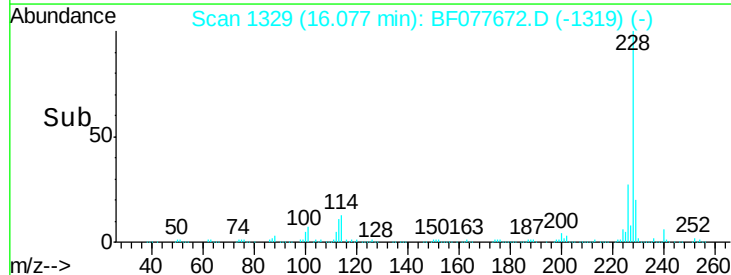
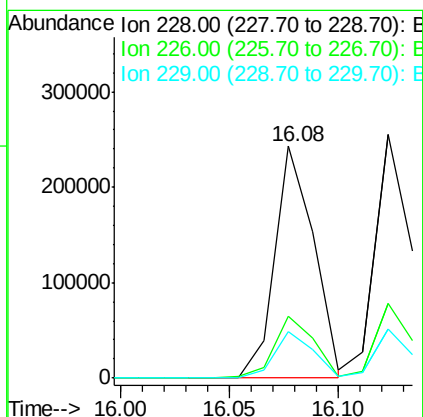
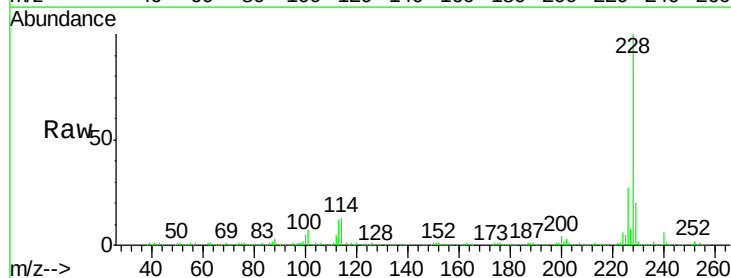
Instrument :
BNA_F
ClientSampleId :
B2(8-9)MSD

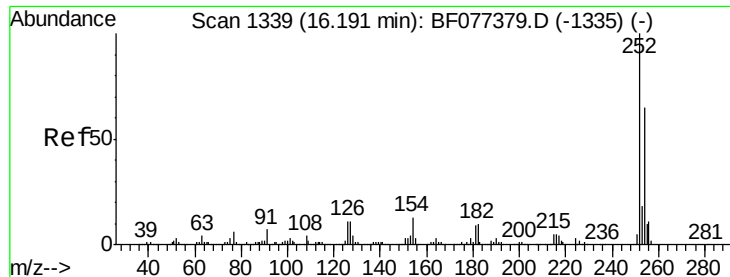
Tgt Ion:149 Resp: 130824
Ion Ratio Lower Upper
149 100
91 82.4 51.2 76.8#
206 16.2 17.8 26.8#



#80
Benzo(a)anthracene
Concen: 24.12 ng
RT: 16.08 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF077672.D
Acq: 10 Mar 2015 20:32

Tgt Ion:228 Resp: 305267
Ion Ratio Lower Upper
228 100
226 26.9 22.0 33.0
229 20.1 15.8 23.8

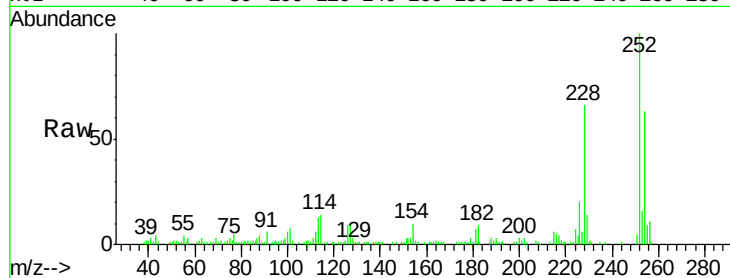




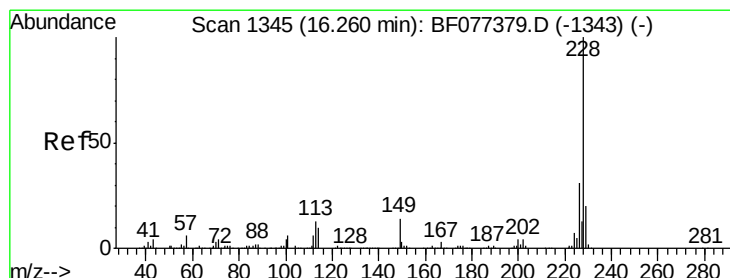
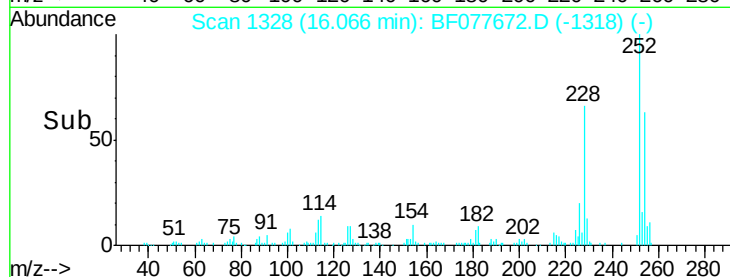
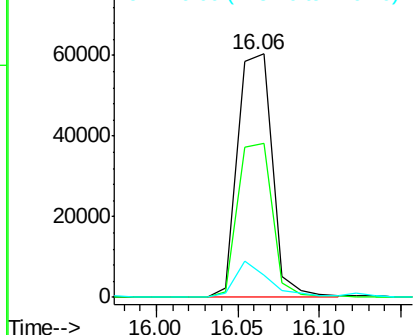
#81
 3,3'-Dichlorobenzidine
 Concen: 19.15 ng
 RT: 16.06 min Scan# 1328
 Delta R.T. 0.01 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MSD

Tgt Ion:252 Resp: 88778
 Ion Ratio Lower Upper
 252 100
 254 63.2 52.9 79.3
 126 9.1 7.3 10.9

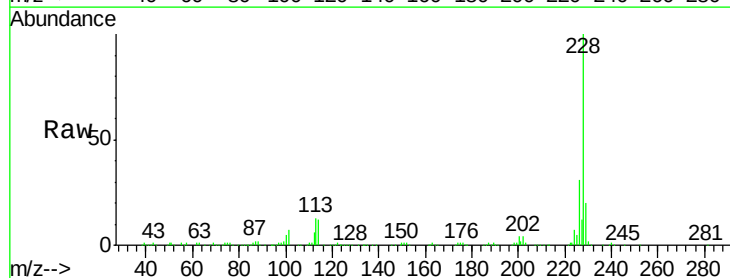


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

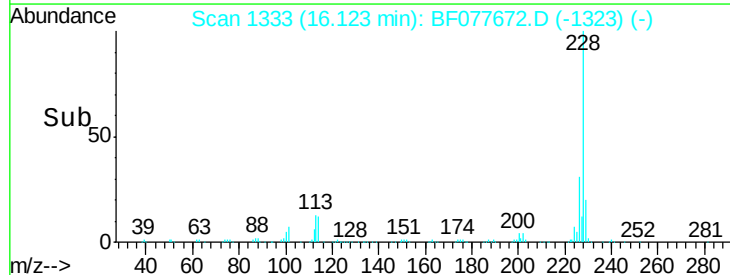
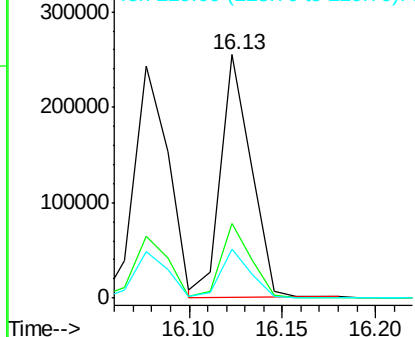


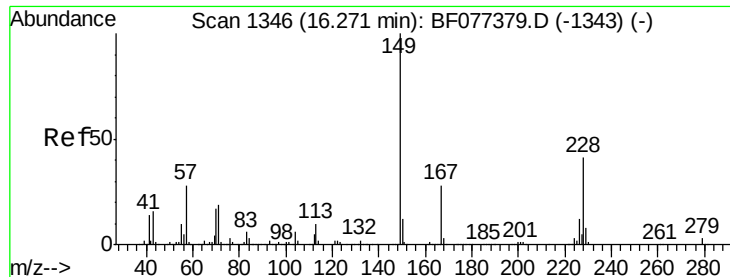
#82
 Chrysene
 Concen: 24.43 ng
 RT: 16.13 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Tgt Ion:228 Resp: 290218
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.9 37.3
 229 20.0 16.4 24.6



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

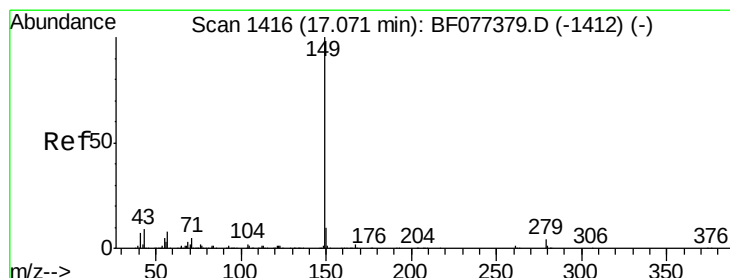
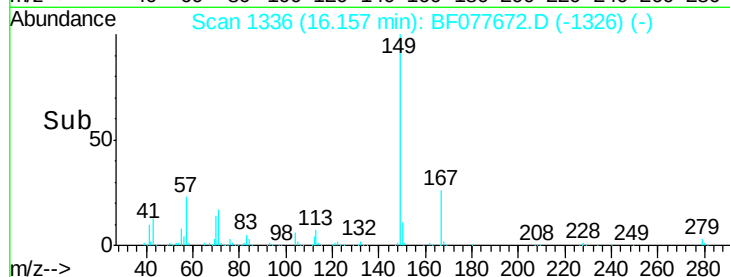
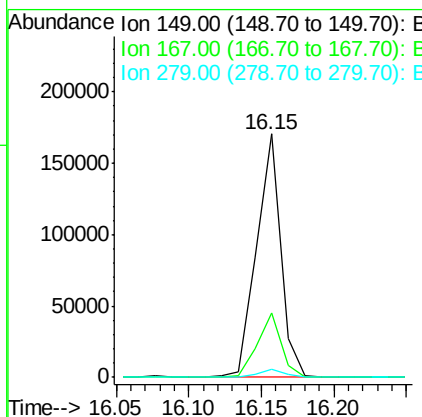
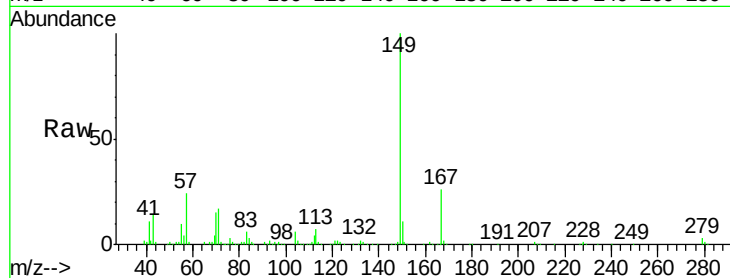




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 22.69 ng
 RT: 16.15 min Scan# 1336
 Delta R.T. 0.02 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

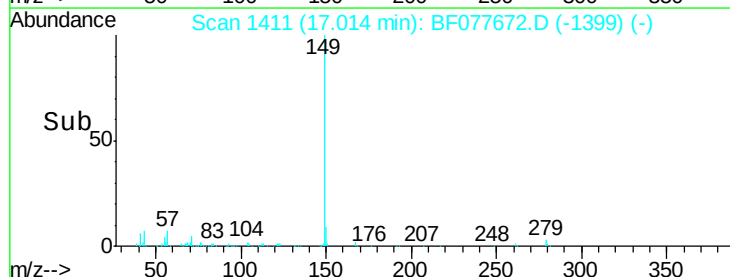
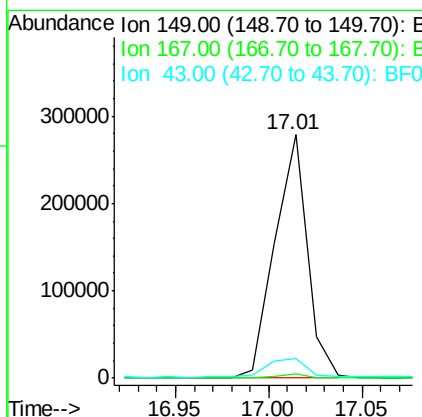
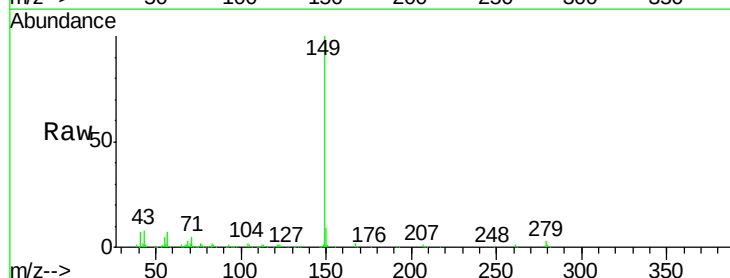
Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MSD

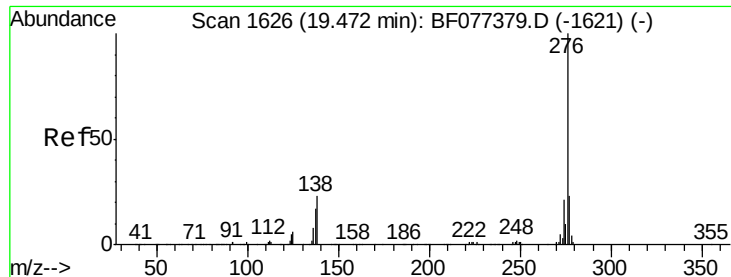
Tgt Ion:149 Resp: 197734
 Ion Ratio Lower Upper
 149 100
 167 26.2 22.8 34.2
 279 3.4 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 23.27 ng
 RT: 17.01 min Scan# 1411
 Delta R.T. 0.04 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Tgt Ion:149 Resp: 338569
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 9.5 8.1 12.1

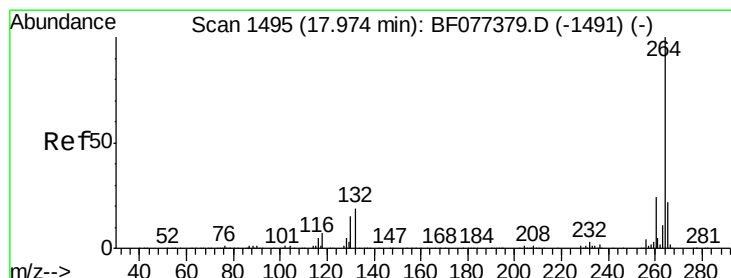
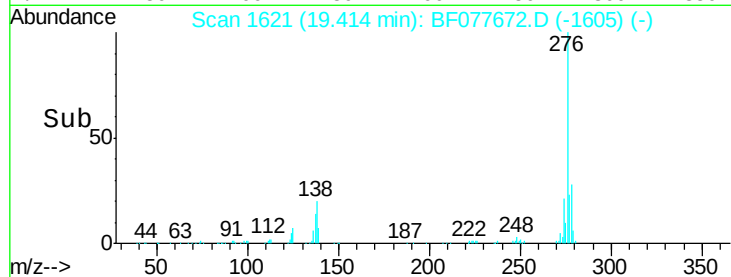
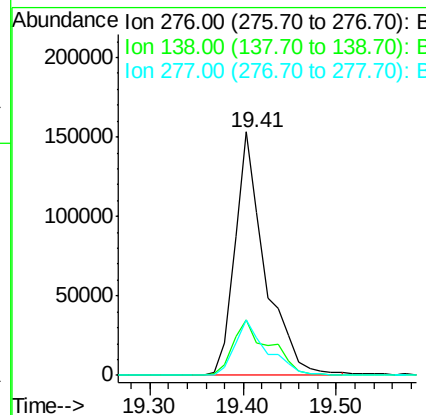
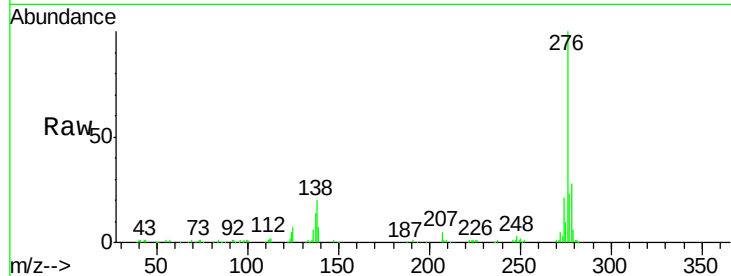




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 25.36 ng
 RT: 19.41 min Scan# 1621
 Delta R.T. 0.08 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

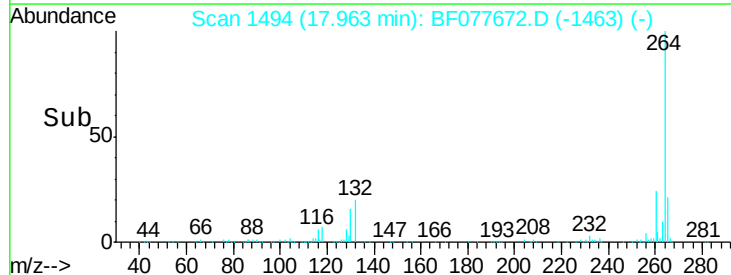
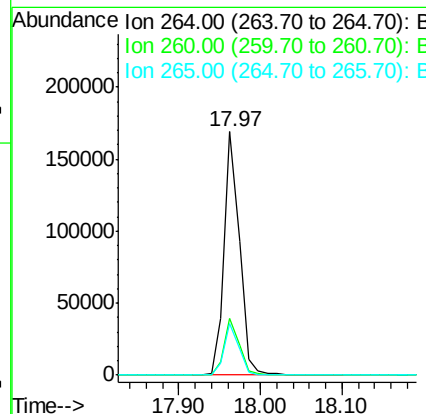
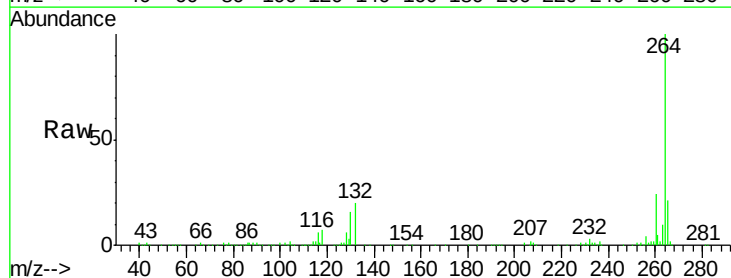
Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MSD

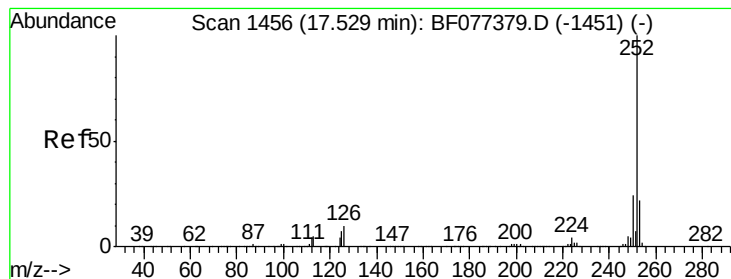
Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.3	21.2	31.8
277	24.8	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.97 min Scan# 1494
 Delta R.T. 0.06 min
 Lab File: BF077672.D
 Acq: 10 Mar 2015 20:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.3	28.9
265	21.2	16.8	25.2





#87

Benzo(b)fluoranthene

Concen: 23.49 ng

RT: 17.51 min Scan# 1455

Delta R.T. 0.08 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Instrument :

BNA_F

ClientSampleId :

B2(8-9)MSD

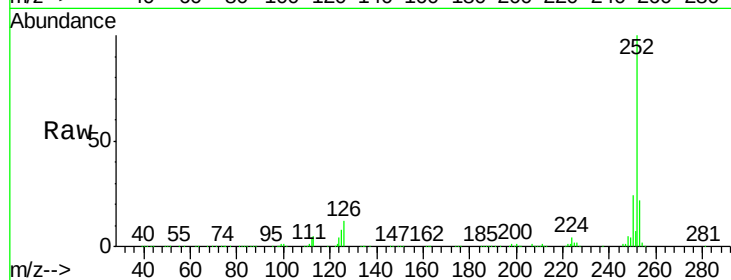
Tgt Ion:252 Resp: 300265

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

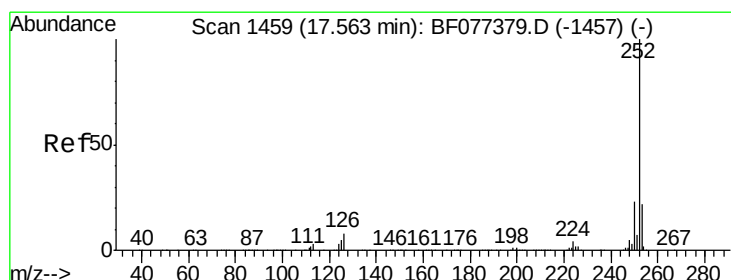
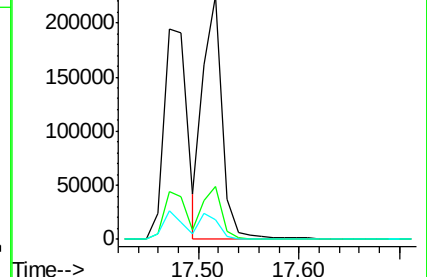
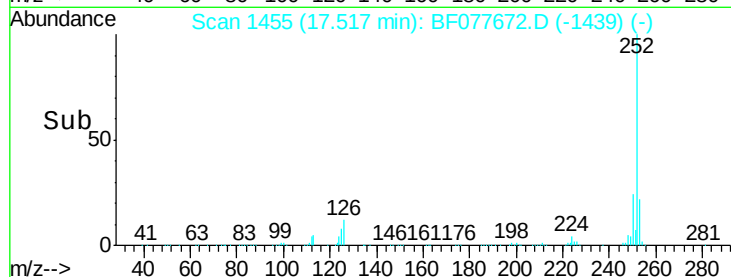
125 8.1 5.4 8.2



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



#88

Benzo(k)fluoranthene

Concen: 23.95 ng

RT: 17.51 min Scan# 1455

Delta R.T. 0.04 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

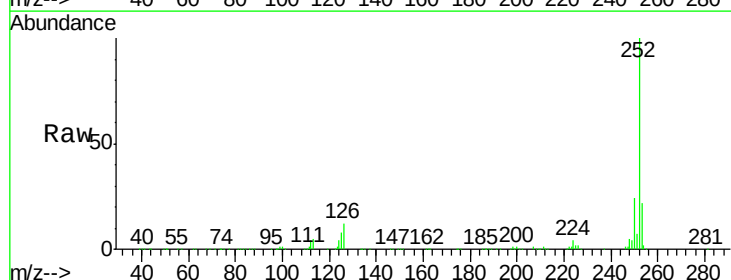
Tgt Ion:252 Resp: 299981

Ion Ratio Lower Upper

252 100

253 21.9 18.1 27.1

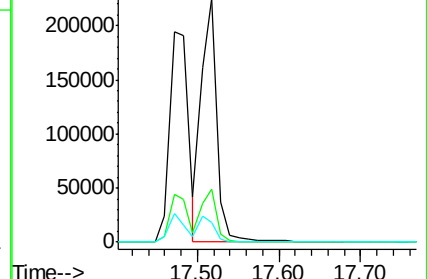
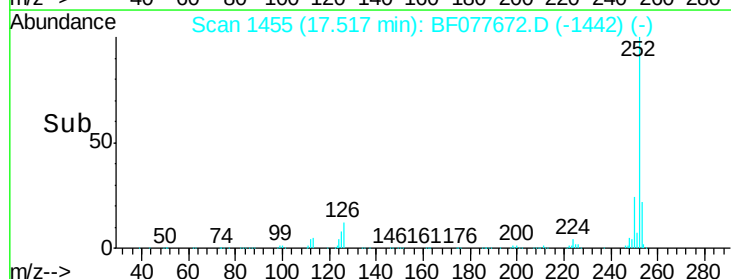
125 8.1 10.1 15.1#

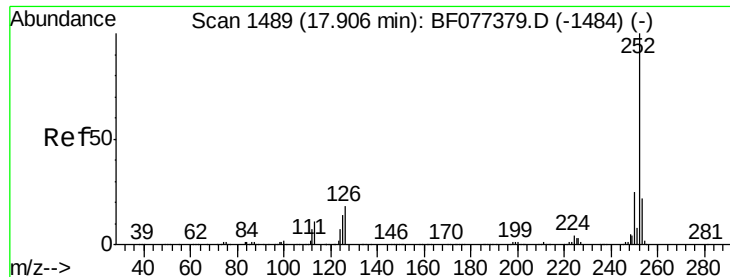


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 24.57 ng

RT: 17.90 min Scan# 1488

Delta R.T. 0.06 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

Instrument :

BNA_F

ClientSampleId :

B2(8-9)MSD

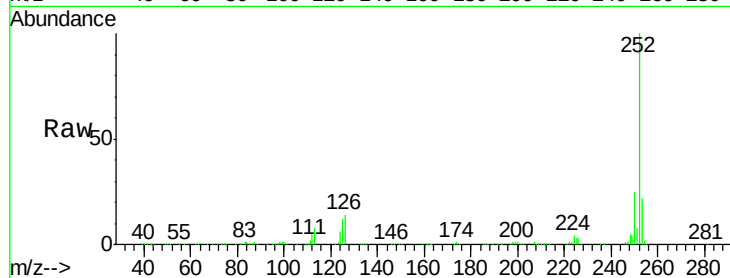
Tgt Ion:252 Resp: 299086

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

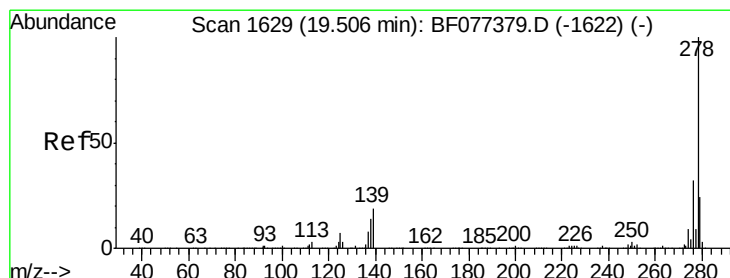
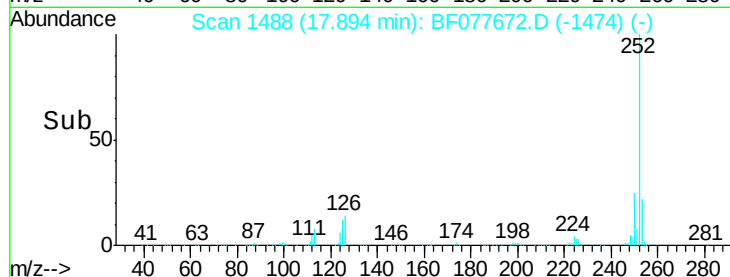
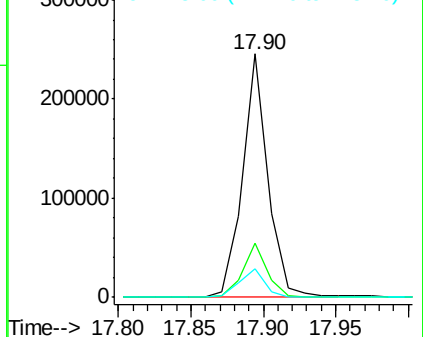
125 11.7 8.3 12.5



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: 25.03 ng

RT: 19.44 min Scan# 1623

Delta R.T. 0.08 min

Lab File: BF077672.D

Acq: 10 Mar 2015 20:32

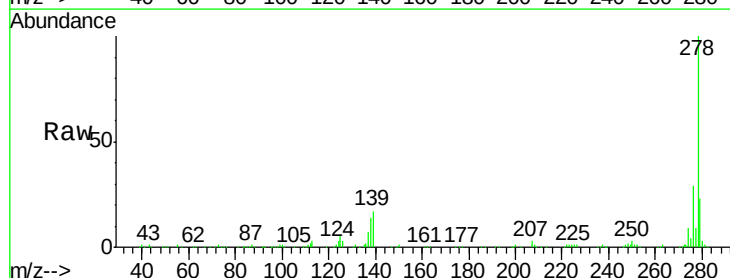
Tgt Ion:278 Resp: 290631

Ion Ratio Lower Upper

278 100

139 17.1 14.3 21.5

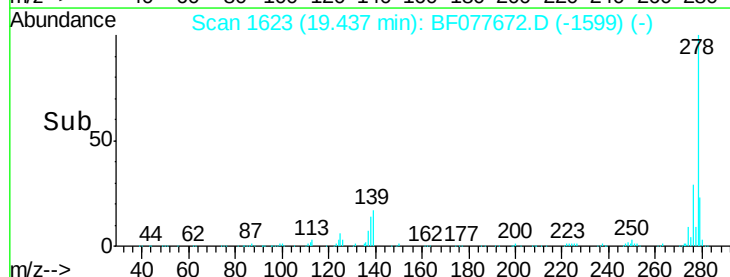
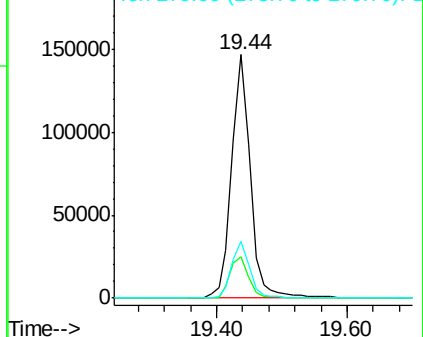
279 23.4 19.0 28.6

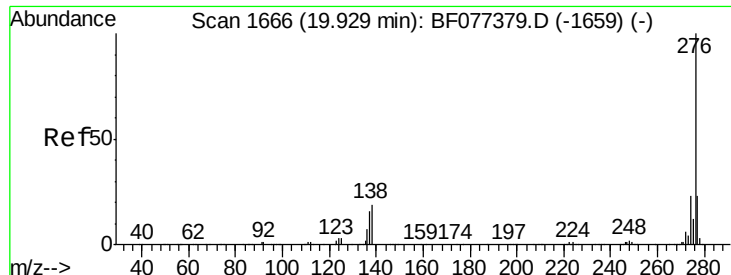


Abundance Ion 278.00 (277.70 to 278.70): E

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: 25.04 ng

RT: 19.82 min Scan# 1657

Delta R.T. 0.07 min

Lab File: BF077672.D

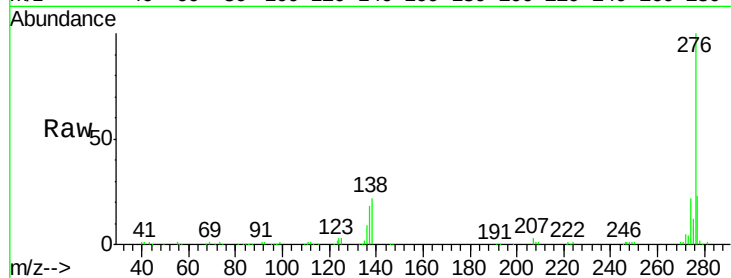
Acq: 10 Mar 2015 20:32

Instrument :

BNA_F

ClientSampleId :

B2(8-9)MSD



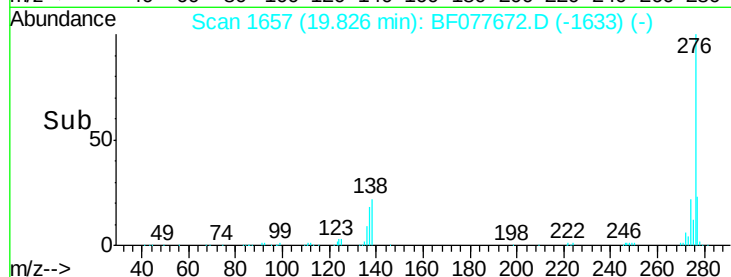
Tgt Ion: 276 Resp: 293401

Ion Ratio Lower Upper

276 100

277 23.3 18.9 28.3

138 22.2 20.5 30.7



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

