

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075563.D
 Acq On : 16 Nov 2014 1:40
 Operator : TP / JJ
 Sample : F4592-03
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T3

Quant Time: Nov 16 06:15:23 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 18:46:55 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	52685	20.00	ng	-0.02
21) Naphthalene-d8	9.14	136	134641	20.00	ng	-0.01
38) Acenaphthene-d10	11.29	164	28764	20.00	ng	-0.05
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-13.19
75) Chrysene-d12	16.49	240	192647	20.00	ng	-0.05
86) Perylene-d12	18.25	264	207003	20.00	ng	-0.18

System Monitoring Compounds

5) 2-Fluorophenol	5.85	112	300171	100.65	ng	-0.01
7) Phenol-d6	7.11	99	360598	100.55	ng	0.00
23) Nitrobenzene-d5	8.25	82	318695	173.54	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	10.46	172	19093	11.99	ng	-0.03
78) Terphenyl-d14	0.00	244	0	0.00	ng	

Target Compounds

						Qvalue
9) Benzaldehyde	6.97	77	56308	23.34	ng	# 1
10) Phenol	7.12	94	15739	3.60	ng	# 1
15) Benzyl Alcohol	7.75	79	11487	4.08	ng	# 36
18) Hexachloroethane	8.14	117	66106	50.38	ng	# 1
19) n-Nitroso-di-n-propylamine	8.09	70	68820	28.16	ng	# 56
20) 3+4-Methylphenols	8.05	107	10144	2.71	ng	# 1
22) Acetophenone	8.05	105	706675	243.30	ng	# 58
24) Nitrobenzene	8.26	77	48220	22.66	ng	# 45
25) Isophorone	8.56	82	226528	54.03	ng	# 1
26) 2-Nitrophenol	8.71	139	24698	25.47	ng	# 1
27) 2,4-Dimethylphenol	8.72	122	48020	25.55	ng	# 4
28) bis(2-Chloroethoxy)methane	8.84	93	13153	5.15	ng	# 1
29) 2,4-Dichlorophenol	8.97	162	36908	22.42	ng	# 11
31) Naphthalene	9.14	128	198462	33.06	ng	# 1
32) Benzoic acid	8.79	122	35470	31.23	ng	# 69
33) 4-Chloroaniline	9.22	127	39854	15.28	ng	# 1
35) Caprolactam	9.66	113	54656	100.16	ng	# 1
36) 4-Chloro-3-methylphenol	9.82	107	71687	39.68	ng	# 30
37) 2-Methylnaphthalene	10.06	142	241059	58.86	ng	# 91
43) 2,4,5-Trichlorophenol	10.42	196	9224	18.84	ng	# 1
45) 1,1'-Biphenyl	10.53	154	4935	2.54	ng	# 1
46) 2-Chloronaphthalene	10.57	162	7254	4.78	ng	# 1
47) 2-Nitroaniline	10.71	65	124515	272.79	ng	# 53
48) Acenaphthylene	11.10	152	130669	52.24	ng	# 1
49) Dimethylphthalate	10.92	163	37655	19.15	ng	# 31
50) 2,6-Dinitrotoluene	11.02	165	61568	158.97	ng	# 43
51) Acenaphthene	11.34	154	23162	15.34	ng	# 53
52) 3-Nitroaniline	11.25	138	37514	82.14	ng	# 46
53) 2,4-Dinitrophenol	11.37	184	3013	20.79	ng	# 1
54) Dibenzofuran	11.57	168	62201	28.83	ng	# 30
55) 4-Nitrophenol	11.41	139	98715	270.41	ng	# 1
56) 2,4-Dinitrotoluene	11.57	165	28839	56.68	ng	# 58
57) Fluorene	12.01	166	78881	45.20	ng	# 1
58) 2,3,4,6-Tetrachlorophenol	11.70	232	4447	11.44	ng	# 1

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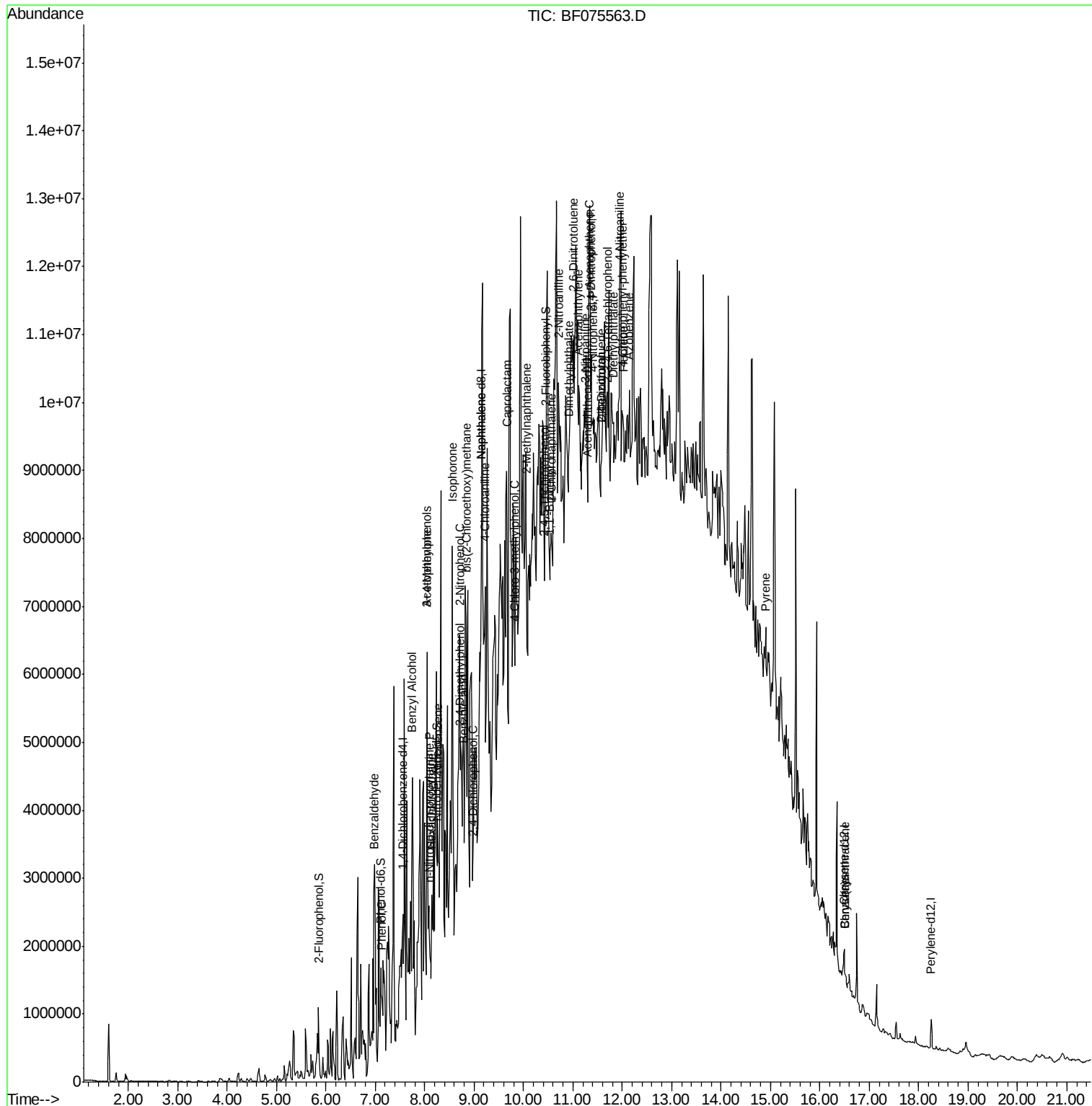
Quant Time: Nov 16 06:15:23 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 18:46:55 2014
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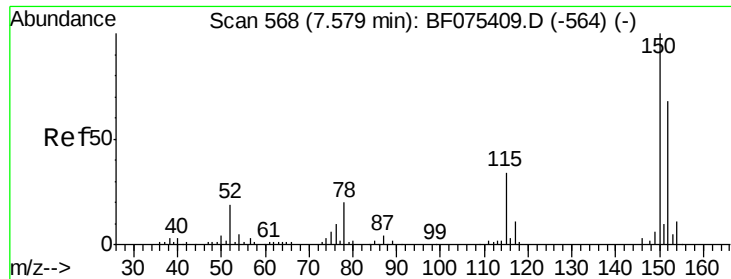
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) Diethylphthalate	11.82	149	27644	13.55	ng	# 1
60) 4-Chlorophenyl-phenylether	12.00	204	9729	12.97	ng	# 1
61) 4-Nitroaniline	11.94	138	21540	47.18	ng	93
62) Azobenzene	12.14	77	14029	7.81	ng	# 7
77) Pyrene	14.89	202	23995	2.14	ng	# 16
80) Benzo(a)anthracene	16.51	228	52684	5.21	ng	# 14
82) Chrysene	16.51	228	48782	5.57	ng	# 20

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

```
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Operator  : TP / JJ  
Sample    : F4592-03  
Misc      :  
ALS Vial  : 61    Sample Multiplier: 1
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 566

Delta R.T. -0.02 min

Lab File: BF075563.D

Acq: 16 Nov 2014 1:40

Instrument :

BNA_F

ClientSampleId :

T3

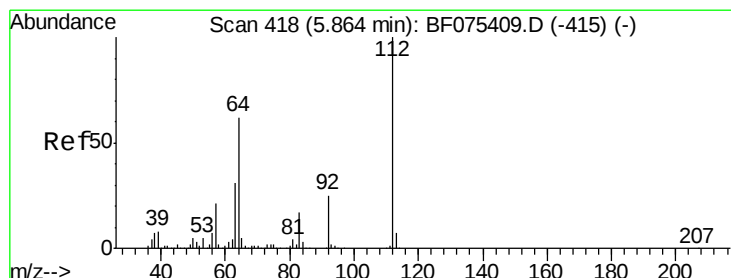
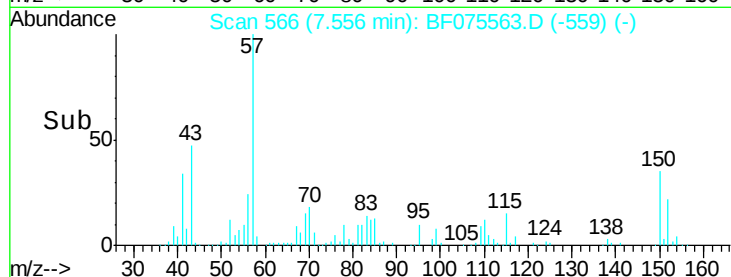
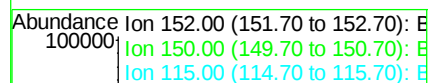
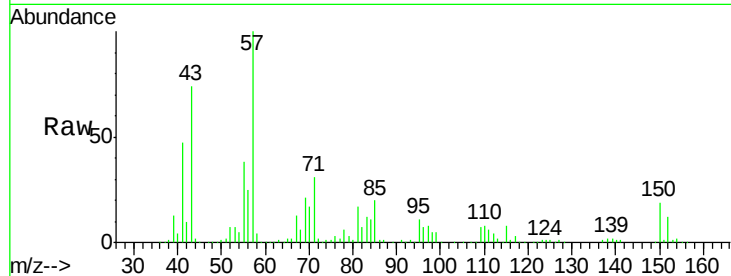
Tgt Ion:152 Resp: 52685

Ion Ratio Lower Upper

152 100

150 156.0 127.2 190.8

115 68.6 57.1 85.7



#5

2-Fluorophenol

Concen: 100.65 ng

RT: 5.85 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF075563.D

Acq: 16 Nov 2014 1:40

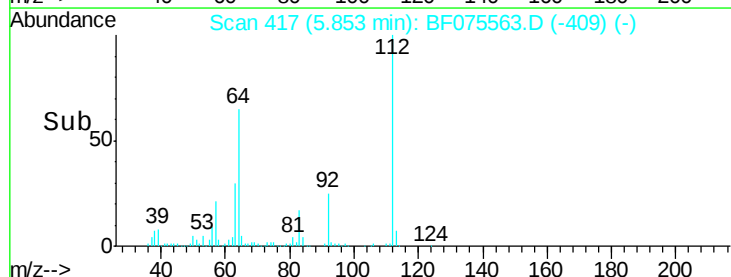
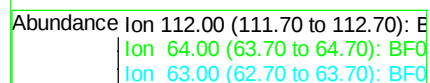
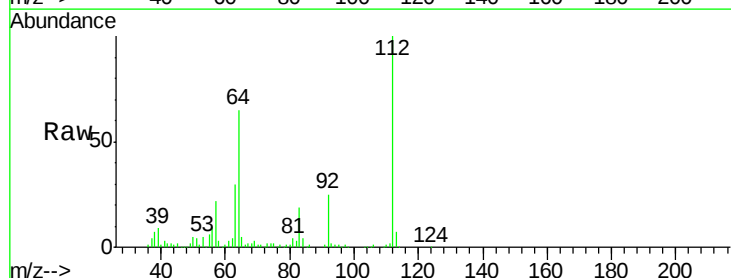
Tgt Ion:112 Resp: 300171

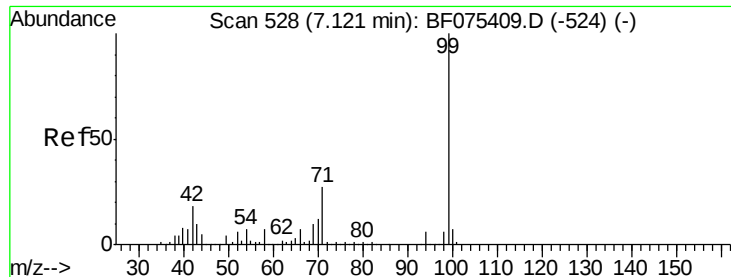
Ion Ratio Lower Upper

112 100

64 64.7 45.8 68.6

63 30.5 22.7 34.1





#7

Phenol-d6

Concen: 100.55 ng

RT: 7.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF075563.D

Acq: 16 Nov 2014 1:40

Instrument :

BNA_F

ClientSampled :

T3

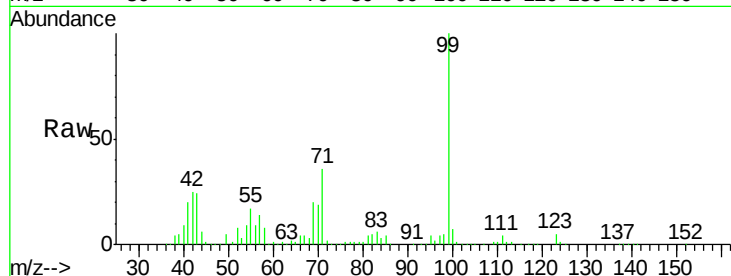
Tgt Ion: 99 Resp: 360598

Ion Ratio Lower Upper

99 100

42 24.8 19.8 29.6

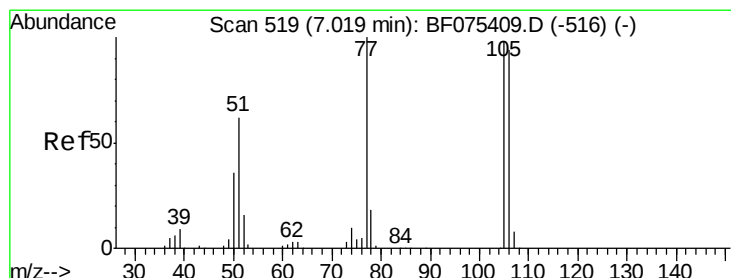
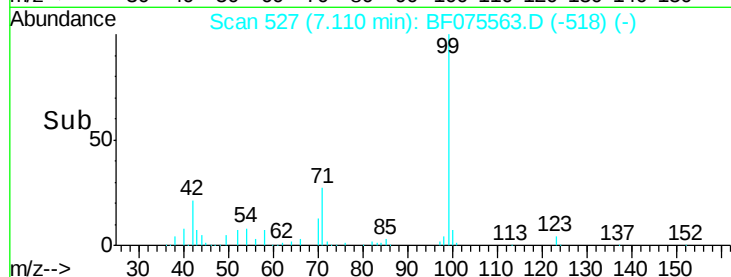
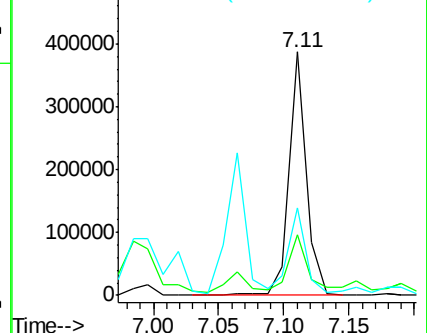
71 35.9 25.5 38.3



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



#9

Benzaldehyde

Concen: 23.34 ng

RT: 6.97 min Scan# 515

Delta R.T. -0.05 min

Lab File: BF075563.D

Acq: 16 Nov 2014 1:40

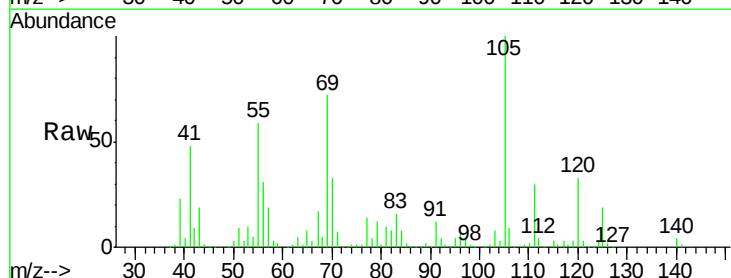
Tgt Ion: 77 Resp: 56308

Ion Ratio Lower Upper

77 100

105 726.4 81.6 121.6#

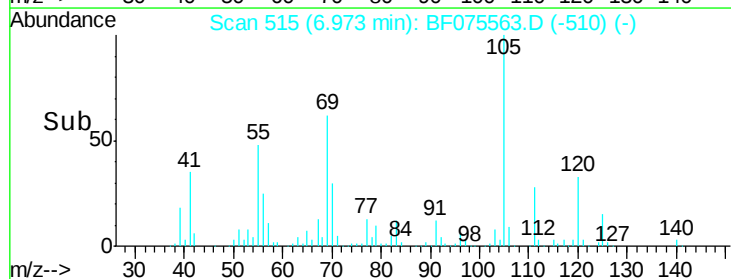
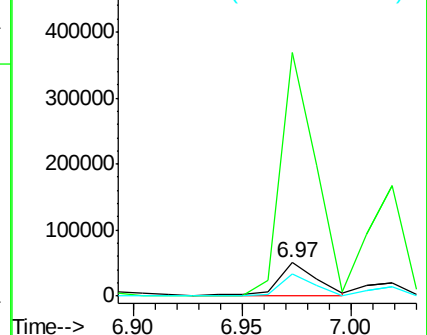
106 64.5 77.5 117.5#

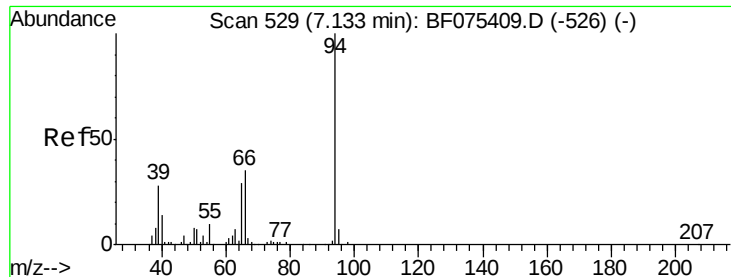


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

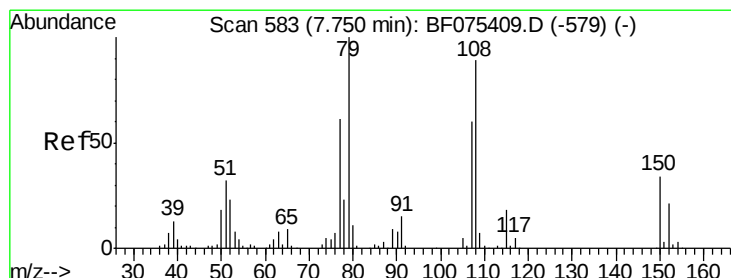
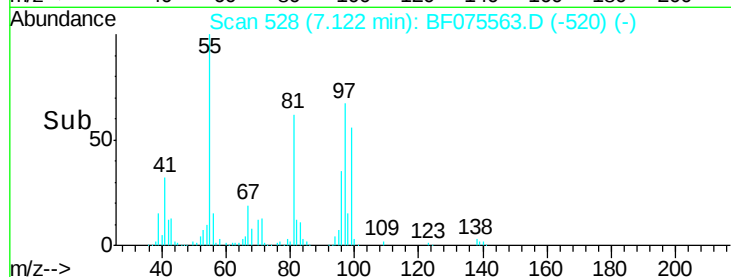
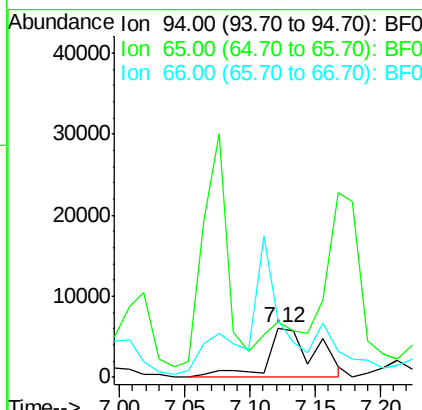
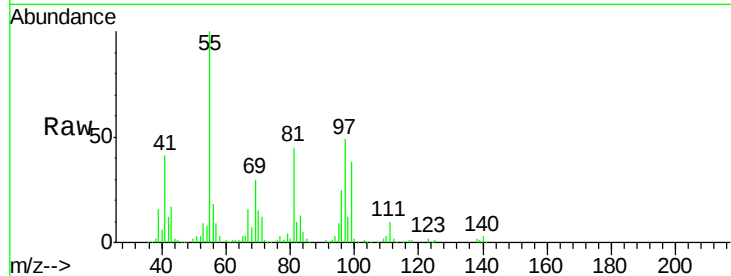




#10
Phenol
Concen: 3.60 ng
RT: 7.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF075563.D
Acq: 16 Nov 2014 1:40

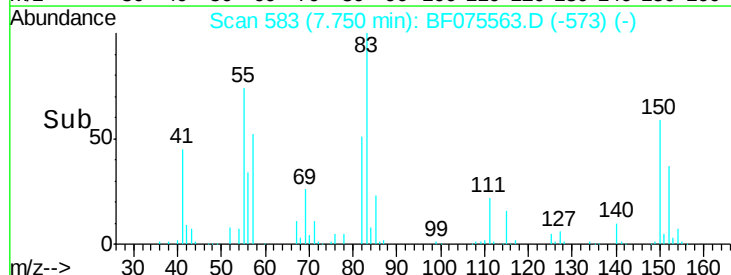
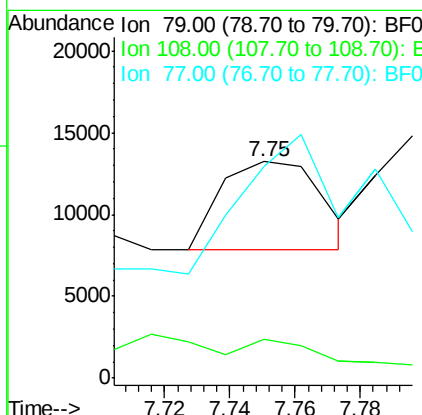
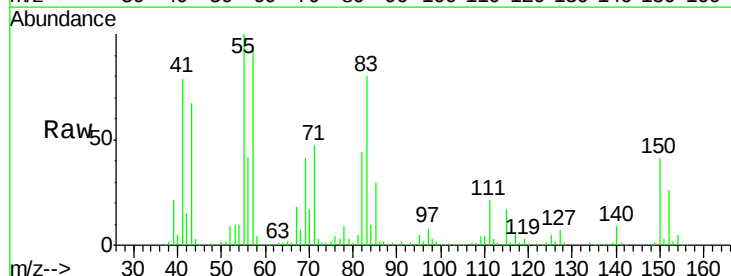
Instrument :
BNA_F
ClientSampled :
T3

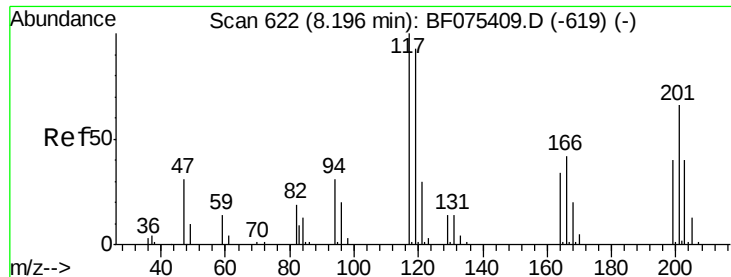
Tgt Ion: 94 Resp: 15739
Ion Ratio Lower Upper
94 100
65 111.6 13.1 53.1#
66 114.6 20.8 60.8#



#15
Benzyl Alcohol
Concen: 4.08 ng
RT: 7.75 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF075563.D
Acq: 16 Nov 2014 1:40

Tgt Ion: 79 Resp: 11487
Ion Ratio Lower Upper
79 100
108 18.1 75.5 113.3#
77 97.7 52.1 78.1#

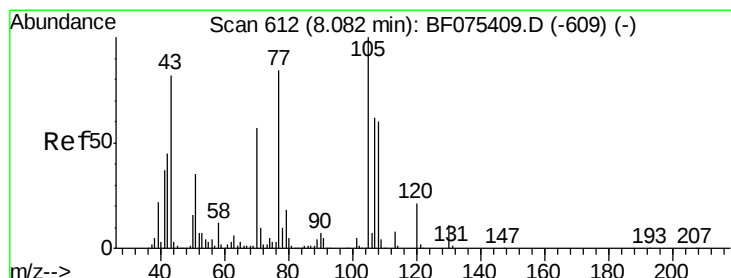
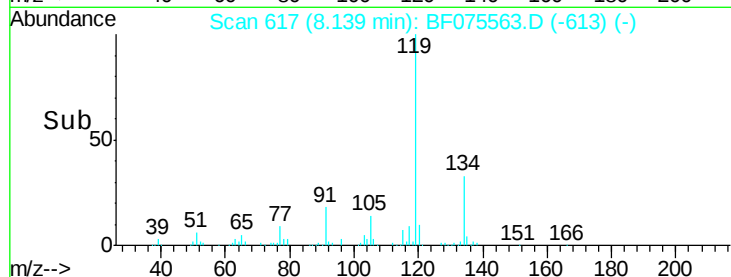
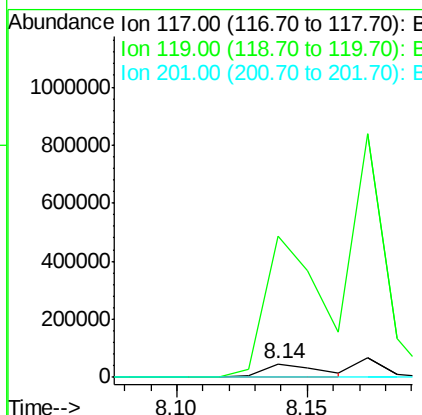
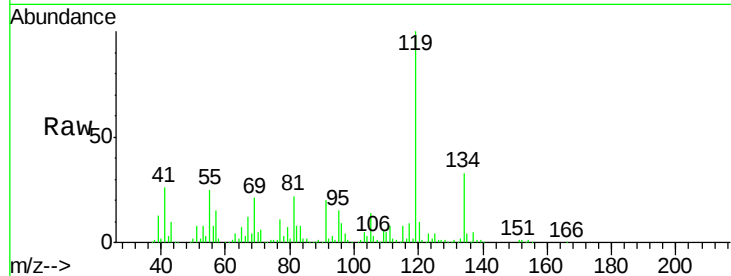




#18
Hexachloroethane
Concen: 50.38 ng
RT: 8.14 min Scan# 617
Delta R.T. -0.06 min
Lab File: BF075563.D
Acq: 16 Nov 2014 1:40

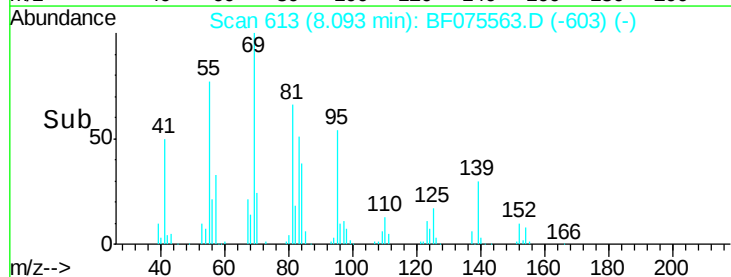
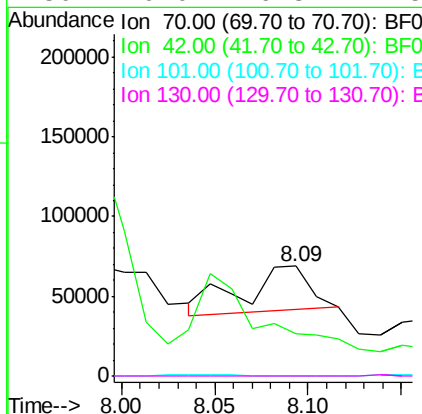
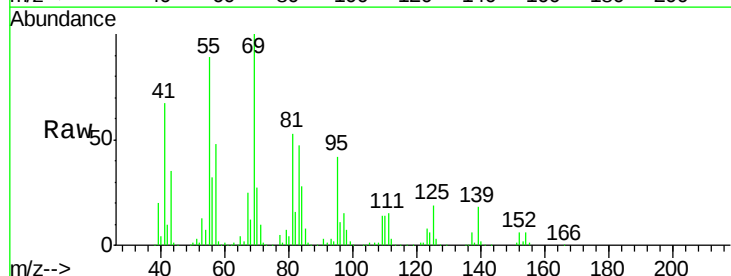
Instrument :
BNA_F
ClientSampled :
T3

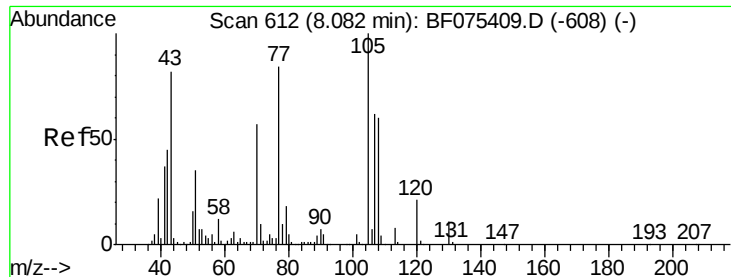
Tgt Ion: 117 Resp: 66106
Ion Ratio Lower Upper
117 100
119 1070.6 72.9 109.3#
201 0.0 48.2 72.4#



#19
n-Nitroso-di-n-propylamine
Concen: 28.16 ng
RT: 8.09 min Scan# 613
Delta R.T. 0.01 min
Lab File: BF075563.D
Acq: 16 Nov 2014 1:40

Tgt Ion: 70 Resp: 68820
Ion Ratio Lower Upper
70 100
42 38.2 63.0 94.6#
101 0.0 7.5 11.3#
130 0.0 16.3 24.5#

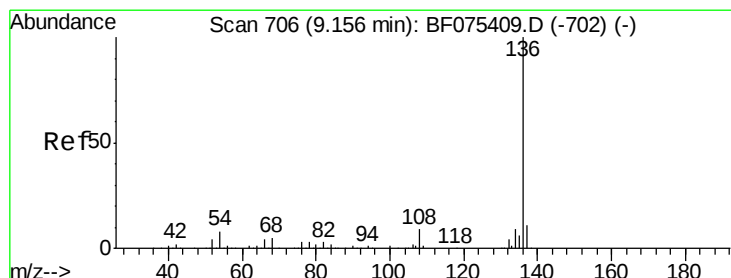
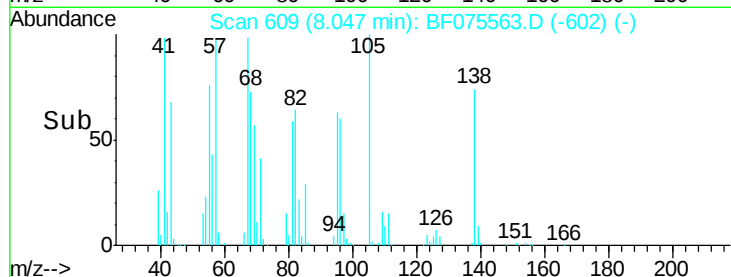
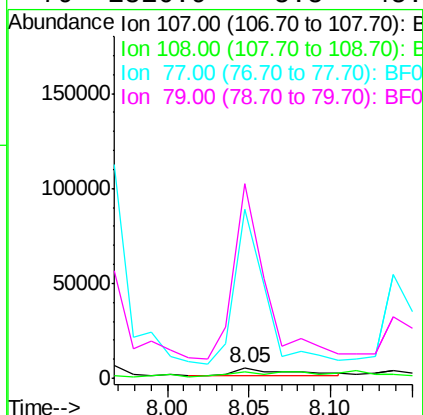
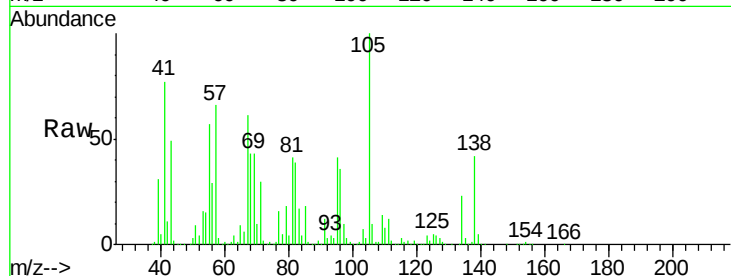




#20
3+4-Methylphenols
Concen: 2.71 ng
RT: 8.05 min Scan# 609
Delta R.T. -0.02 min
Lab File: BF075563.D
Acq: 16 Nov 2014 1:40

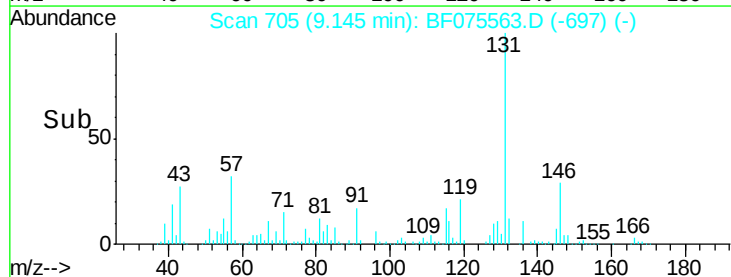
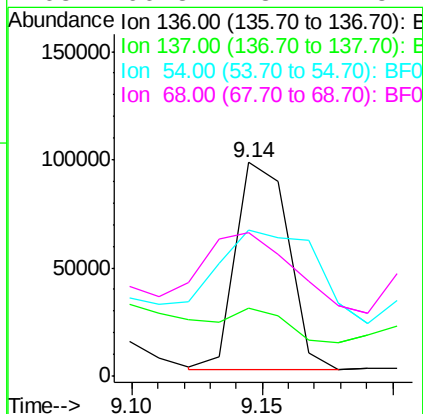
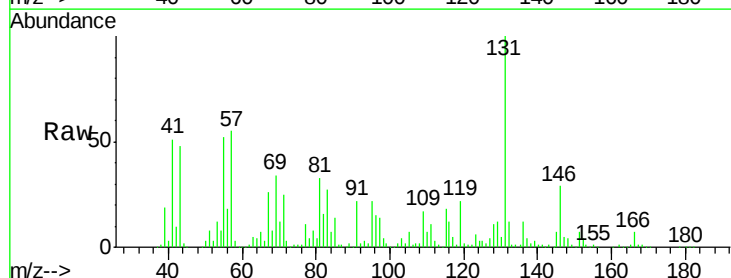
Instrument :
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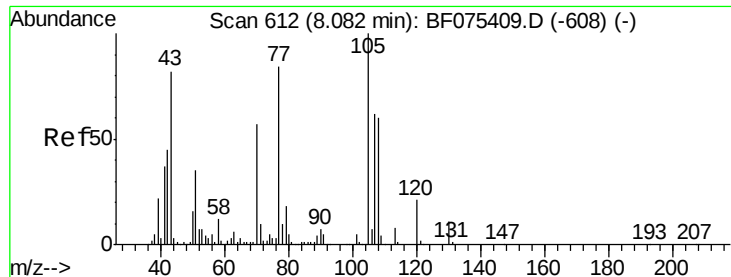
Tgt Ion:107 Resp: 10144
Ion Ratio Lower Upper
107 100
108 57.7 69.6 109.6#
77 1580.0 84.4 124.4#
79 1816.9 5.5 45.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.14 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF075563.D
Acq: 16 Nov 2014 1:40

Tgt Ion:136 Resp: 134641
Ion Ratio Lower Upper
136 100
137 31.8 8.2 12.4#
54 68.4 6.2 9.4#
68 66.8 3.4 5.2#





#22

Acetophenone

Concen: 243.30 ng

RT: 8.05 min Scan# 609

Delta R.T. -0.02 min

Lab File: BF075563.D

Acq: 16 Nov 2014 1:40

Instrument :

BNA_F

ClientSampleId :

T3

Tgt Ion:105 Resp: 706675

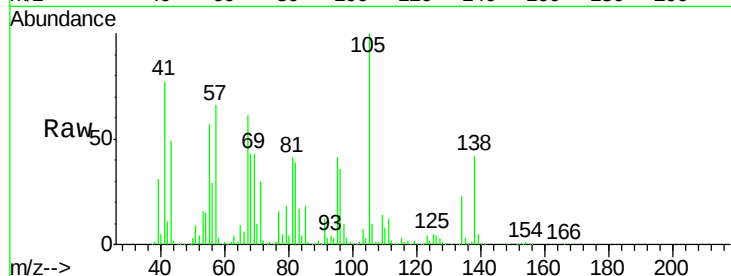
Ion Ratio Lower Upper

105 100

71 29.6 10.5 15.7#

51 8.7 24.2 36.2#

120 0.2 17.5 26.3#

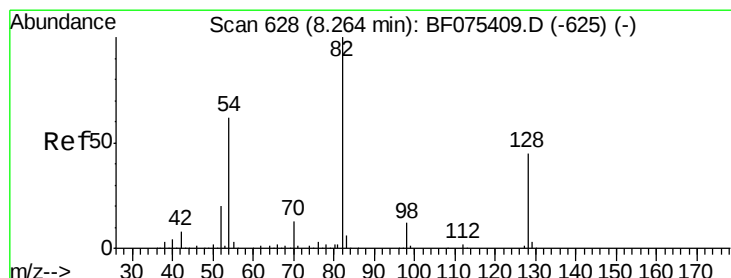
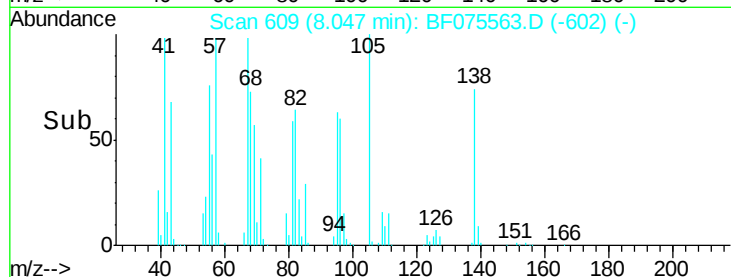
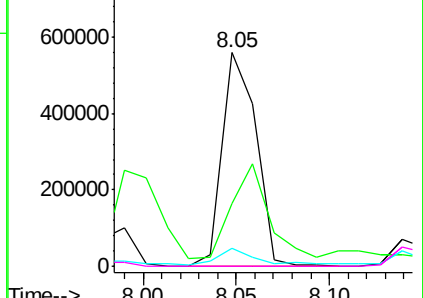


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 173.54 ng

RT: 8.25 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF075563.D

Acq: 16 Nov 2014 1:40

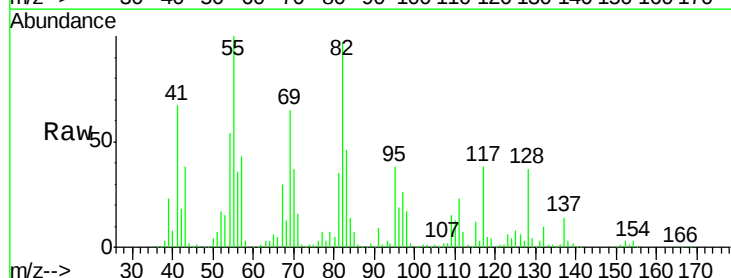
Tgt Ion: 82 Resp: 318695

Ion Ratio Lower Upper

82 100

128 38.4 37.8 56.6

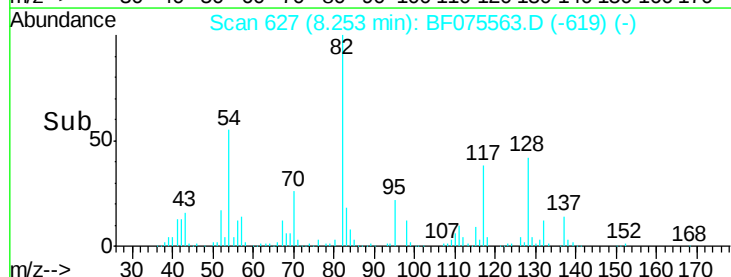
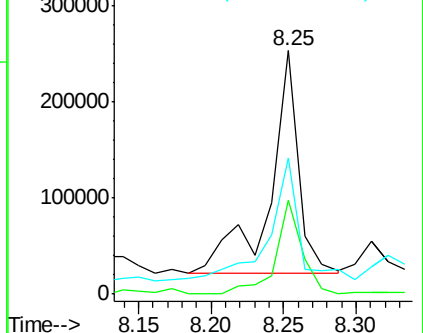
54 56.1 49.8 74.8

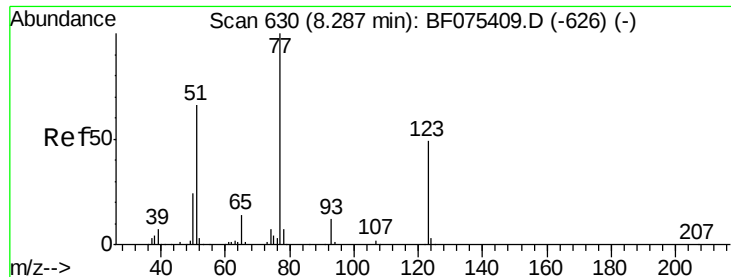


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

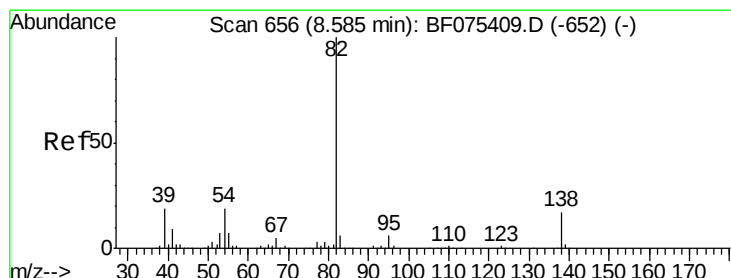
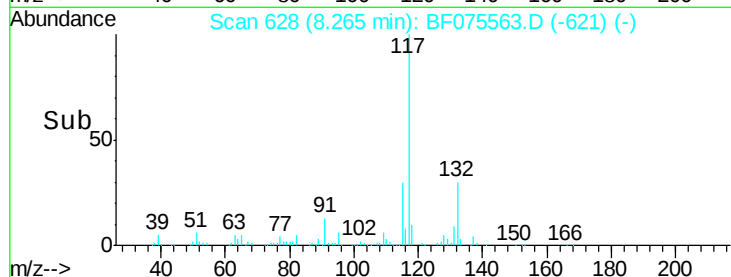
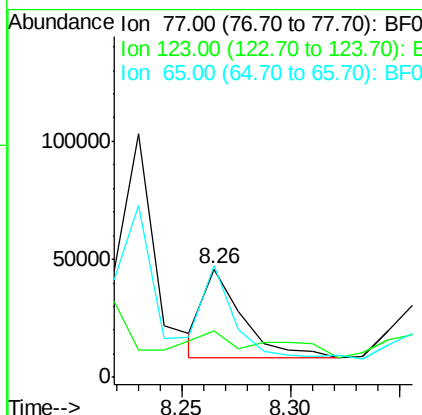
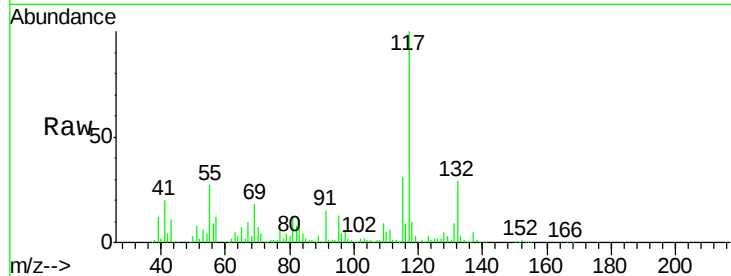




#24
Nitrobenzene
Concen: 22.66 ng
RT: 8.26 min Scan# 628
Delta R.T. -0.02 min
Lab File: BF075563.D
Acq: 16 Nov 2014 1:40

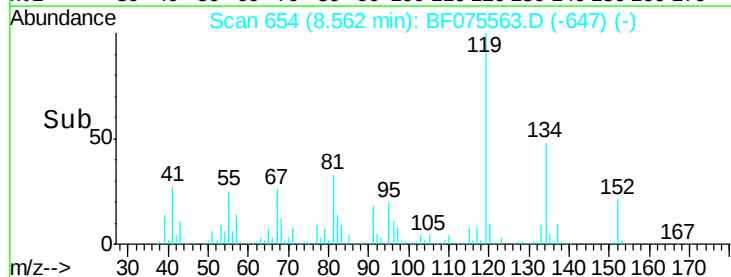
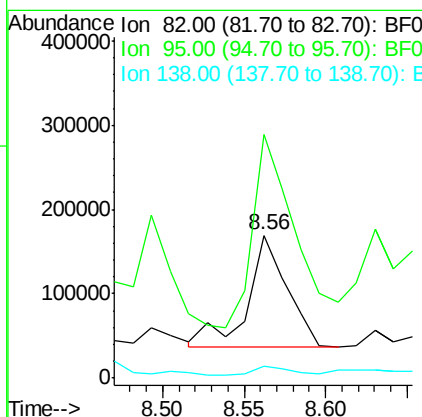
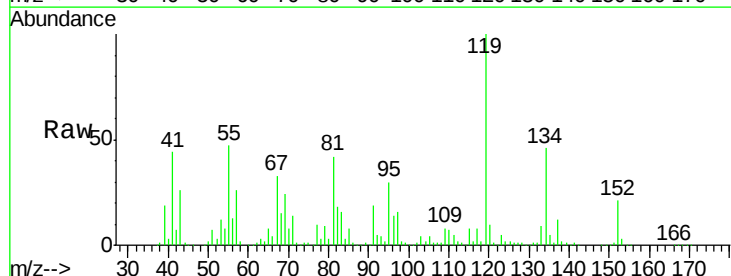
Instrument :
BNA_F
ClientSampled :
T3

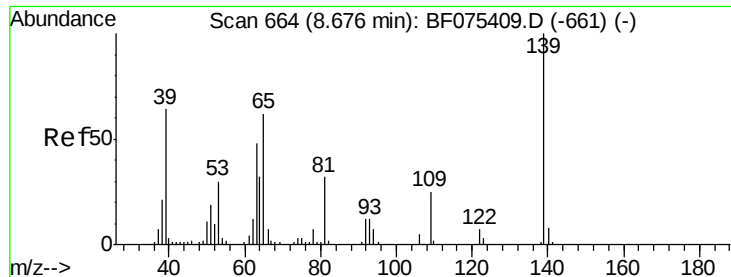
Tgt Ion: 77 Resp: 48220
Ion Ratio Lower Upper
77 100
123 42.6 39.0 58.4
65 103.4 10.6 15.8#



#25
Isophorone
Concen: 54.03 ng
RT: 8.56 min Scan# 654
Delta R.T. -0.02 min
Lab File: BF075563.D
Acq: 16 Nov 2014 1:40

Tgt Ion: 82 Resp: 226528
Ion Ratio Lower Upper
82 100
95 170.7 5.2 7.8#
138 8.6 15.0 22.6#

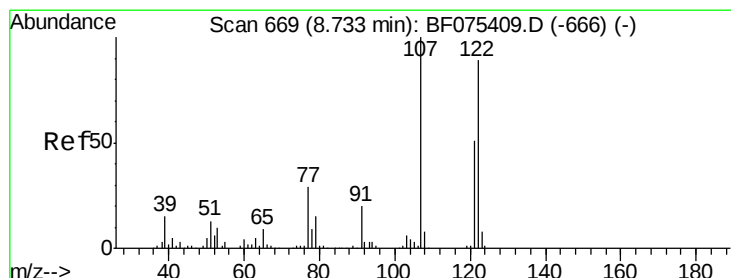
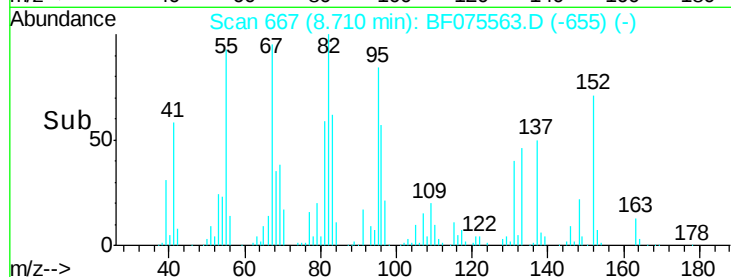
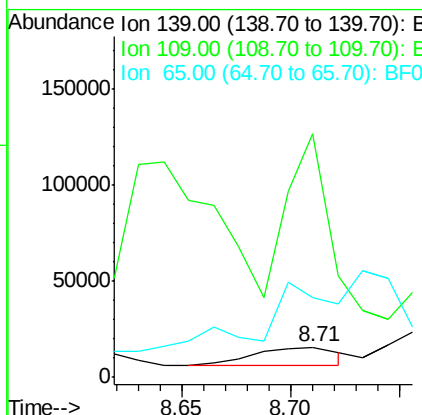
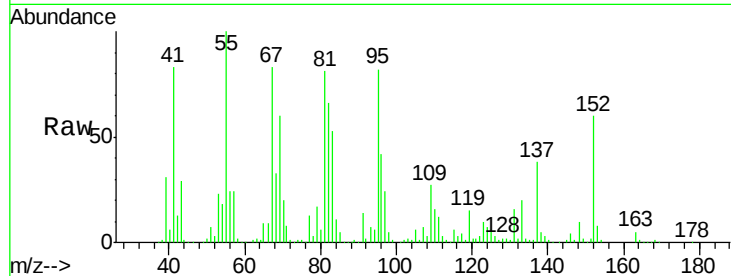




#26
2-Nitrophenol
Concen: 25.47 ng
RT: 8.71 min Scan# 667
Delta R.T. 0.03 min
Lab File: BF075563.D
Acq: 16 Nov 2014 1:40

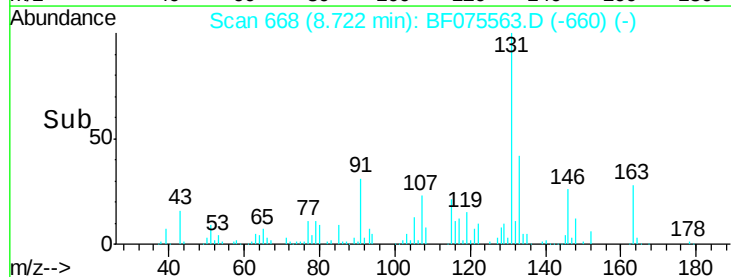
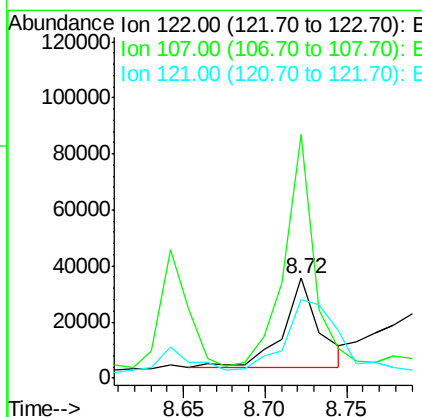
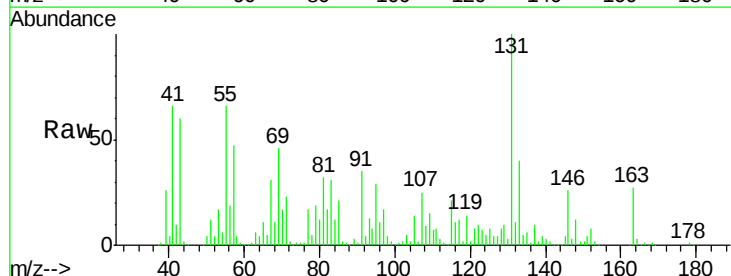
Instrument :
BNA_F
ClientSampled :
T3

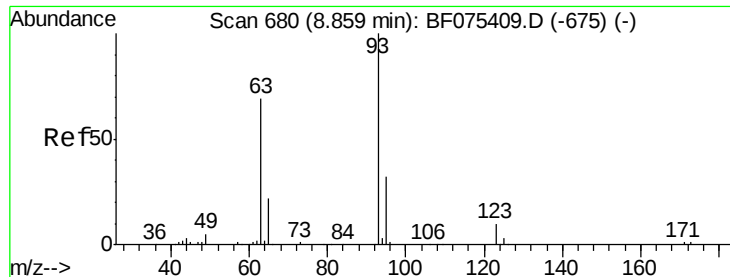
Tgt Ion:139 Resp: 24698
Ion Ratio Lower Upper
139 100
109 800.7 22.3 33.5#
65 263.0 49.1 73.7#



#27
2,4-Dimethylphenol
Concen: 25.55 ng
RT: 8.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF075563.D
Acq: 16 Nov 2014 1:40

Tgt Ion:122 Resp: 48020
Ion Ratio Lower Upper
122 100
107 244.2 86.5 129.7#
121 79.1 45.4 68.2#

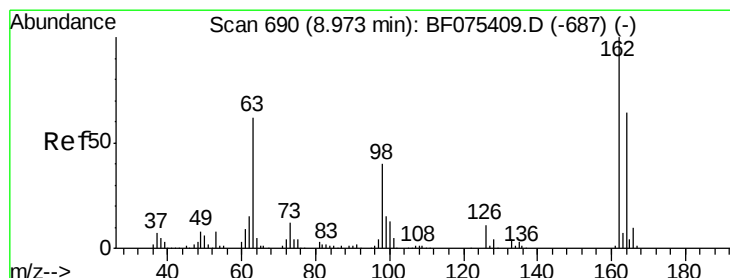
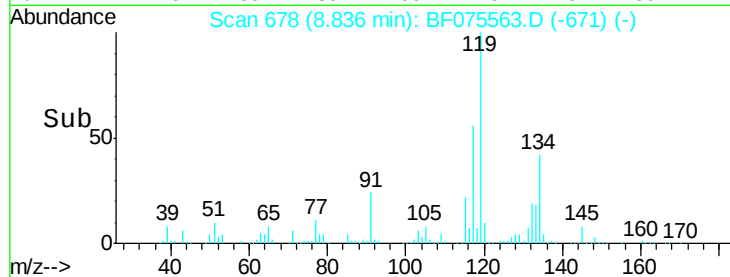
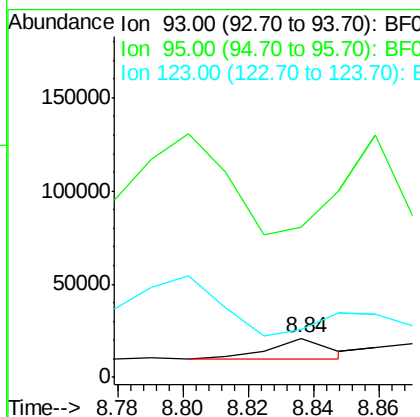
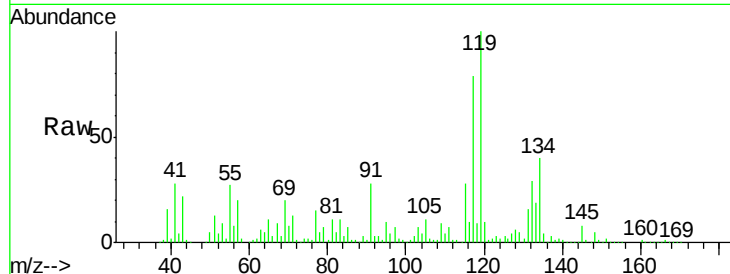




#28
bis(2-Chloroethoxy)methane
Concen: 5.15 ng
RT: 8.84 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF075563.D
Acq: 16 Nov 2014 1:40

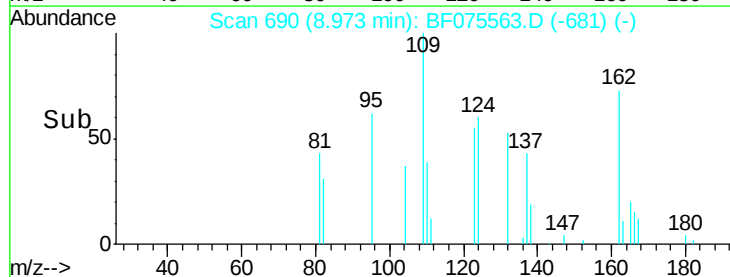
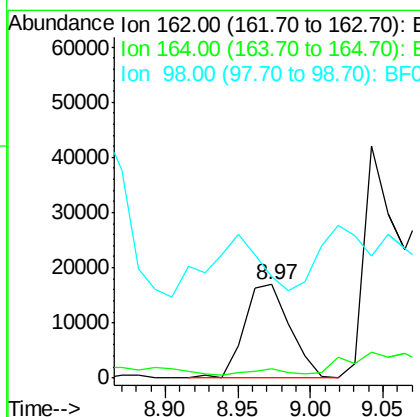
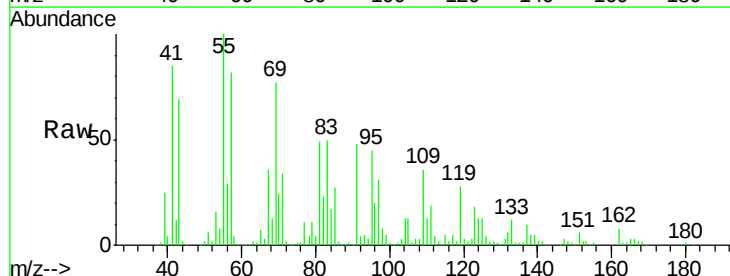
Instrument :
BNA_F
ClientSampleId :
T3

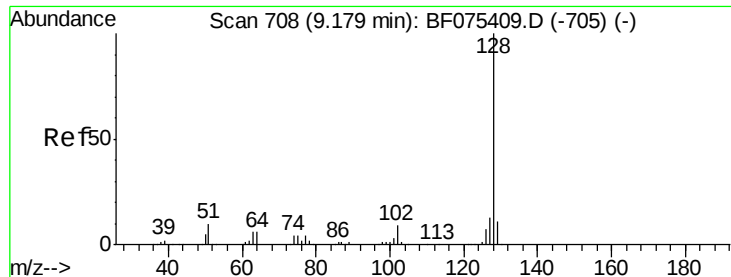
Tgt Ion: 93 Resp: 13153
Ion Ratio Lower Upper
93 100
95 387.3 26.2 39.4#
123 123.0 8.8 13.2#



#29
2,4-Dichlorophenol
Concen: 22.42 ng
RT: 8.97 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF075563.D
Acq: 16 Nov 2014 1:40

Tgt Ion: 162 Resp: 36908
Ion Ratio Lower Upper
162 100
164 10.2 43.8 83.8#
98 108.1 14.6 54.6#

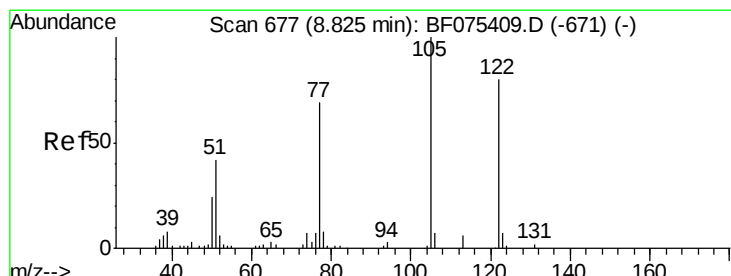
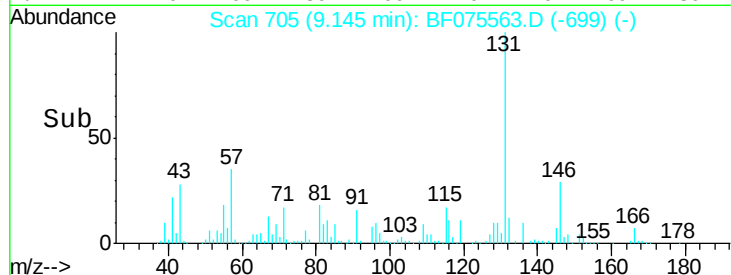
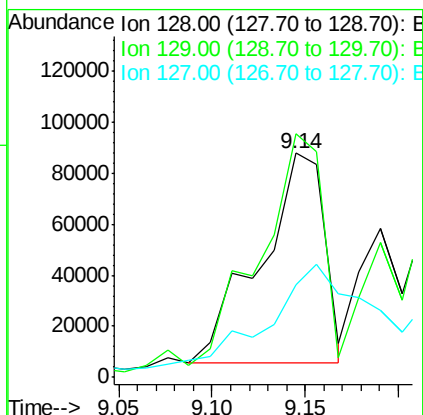
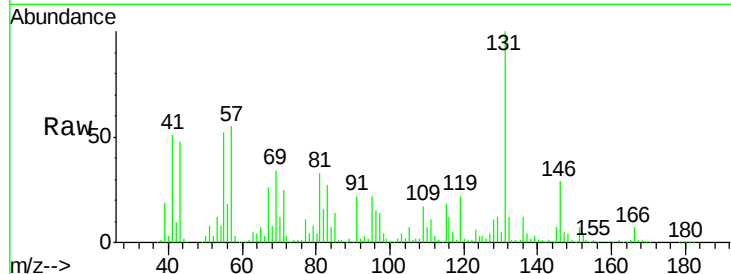




#31
Naphthalene
Concen: 33.06 ng
RT: 9.14 min Scan# 705
Delta R.T. -0.03 min
Lab File: BF075563.D
Acq: 16 Nov 2014 1:40

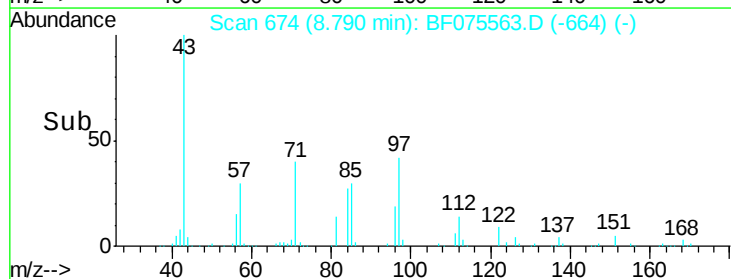
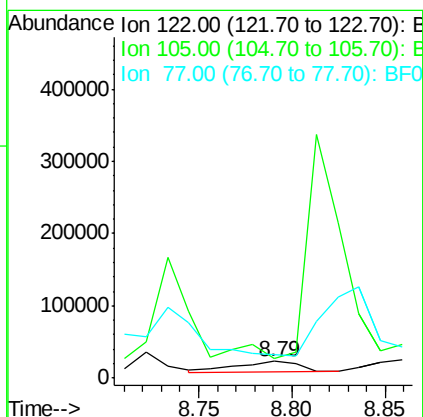
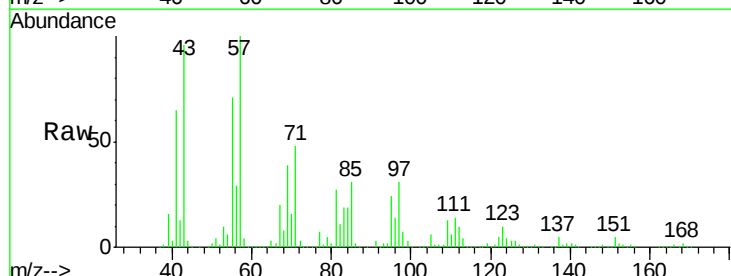
Instrument :
BNA_F
ClientSampleId :
T3

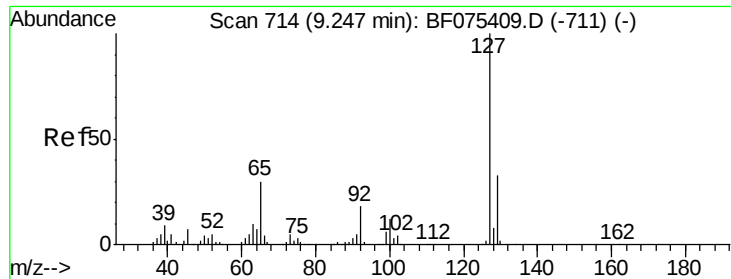
Tgt Ion:128 Resp: 198462
Ion Ratio Lower Upper
128 100
129 108.6 9.0 13.4#
127 41.4 10.2 15.4#



#32
Benzoic acid
Concen: 31.23 ng
RT: 8.79 min Scan# 674
Delta R.T. 0.01 min
Lab File: BF075563.D
Acq: 16 Nov 2014 1:40

Tgt Ion:122 Resp: 35470
Ion Ratio Lower Upper
122 100
105 121.7 95.1 135.1
77 141.1 62.6 102.6#

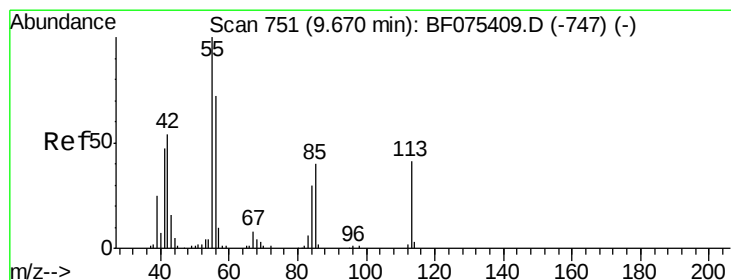
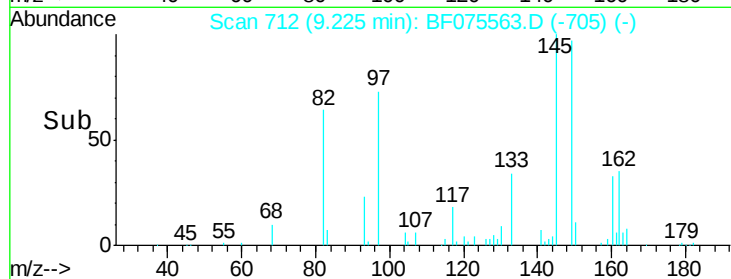
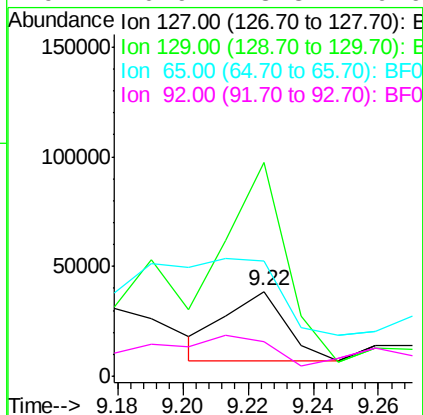
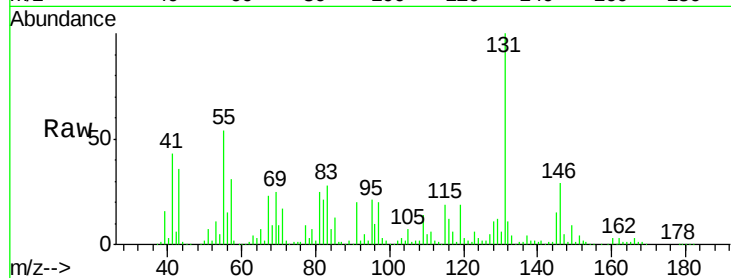




#33
4-Chloroaniline
Concen: 15.28 ng
RT: 9.22 min Scan# 712
Delta R.T. -0.02 min
Lab File: BF075563.D
Acq: 16 Nov 2014 1:40

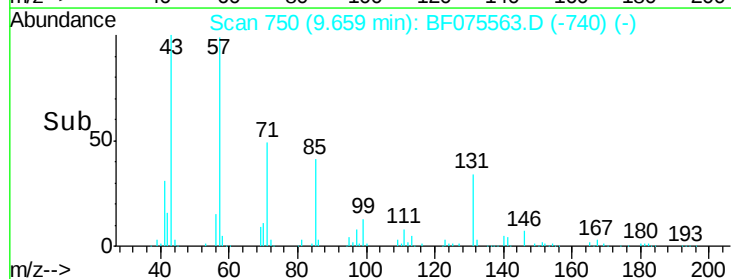
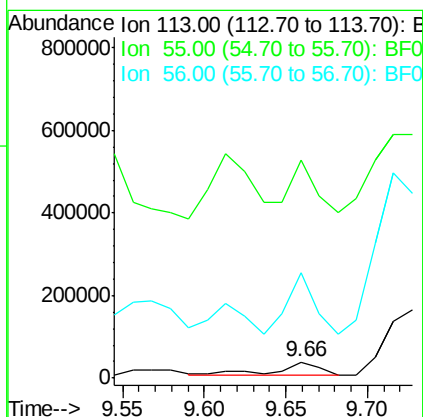
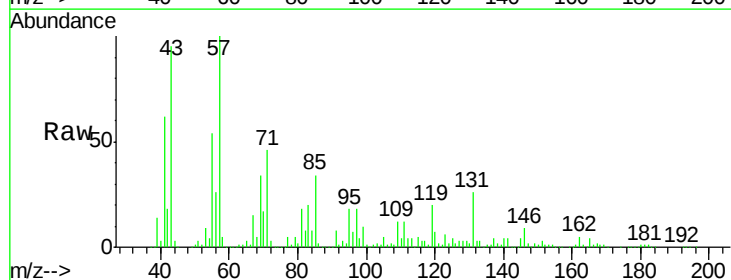
Instrument :
BNA_F
ClientSampled :
T3

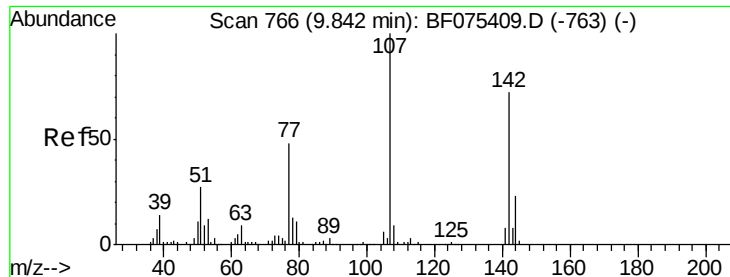
Tgt Ion:	127	Resp:	39854
Ion	Ratio	Lower	Upper
127	100		
129	252.6	25.5	38.3#
65	136.5	22.8	34.2#
92	40.9	13.8	20.6#



#35
Caprolactam
Concen: 100.16 ng
RT: 9.66 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF075563.D
Acq: 16 Nov 2014 1:40

Tgt Ion:	113	Resp:	54656
Ion	Ratio	Lower	Upper
113	100		
55	1362.0	226.9	266.9#
56	655.1	148.4	188.4#

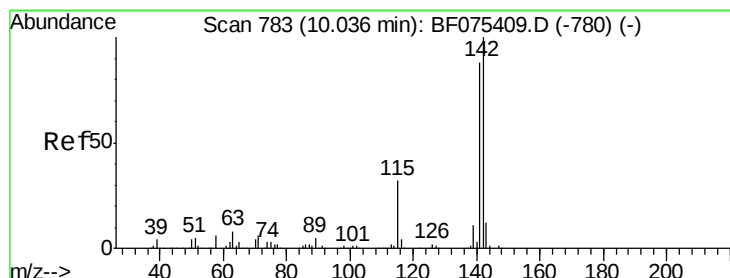
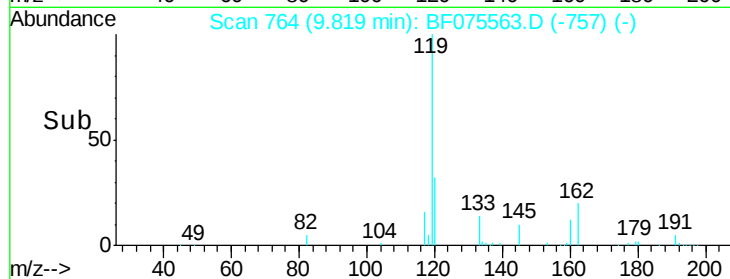
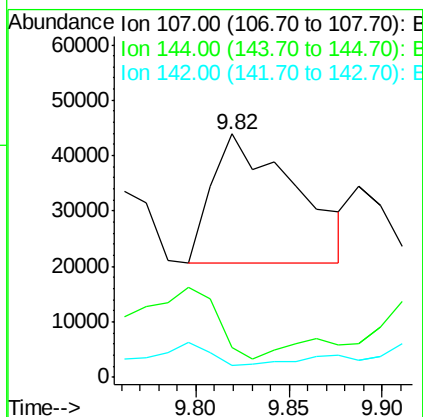
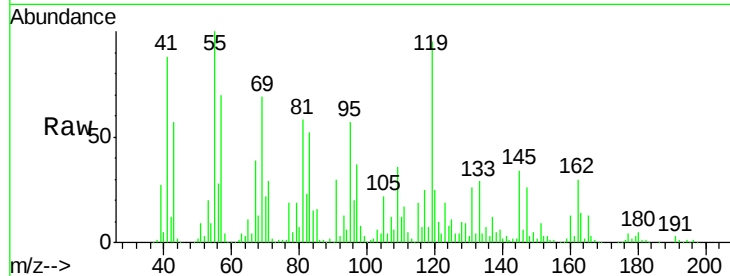




#36
 4-Chloro-3-methylphenol
 Concen: 39.68 ng
 RT: 9.82 min Scan# 764
 Delta R.T. -0.02 min
 Lab File: BF075563.D
 Acq: 16 Nov 2014 1:40

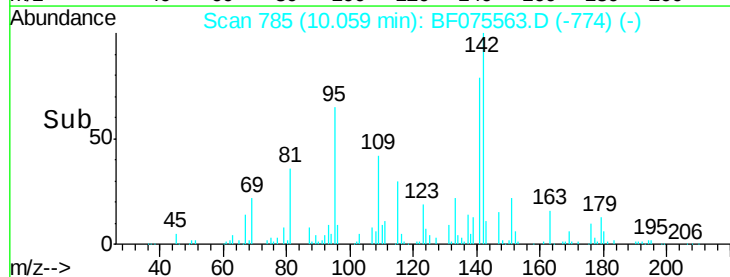
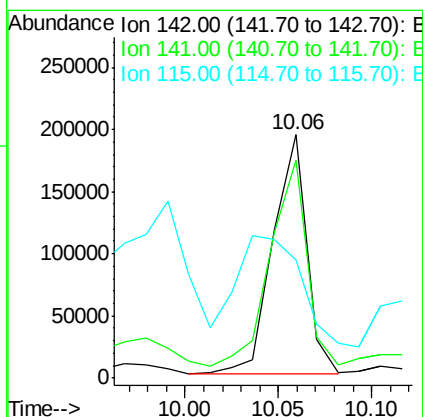
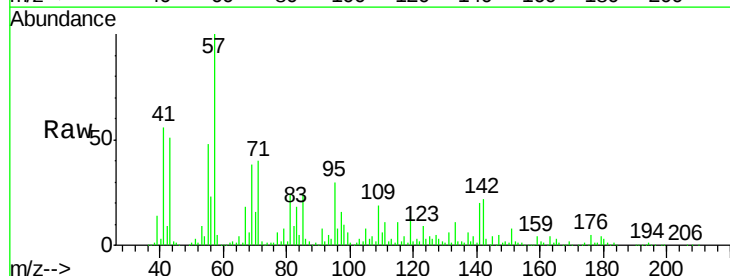
Instrument :
 BNA_F
 ClientSampleId :
 T3

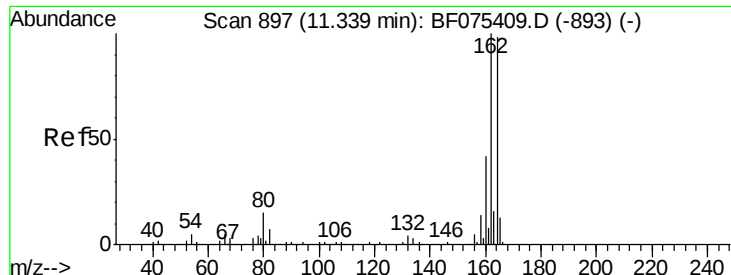
Tgt Ion:107 Resp: 71687
 Ion Ratio Lower Upper
 107 100
 144 12.2 19.1 28.7#
 142 5.0 62.9 94.3#



#37
 2-Methylnaphthalene
 Concen: 58.86 ng
 RT: 10.06 min Scan# 785
 Delta R.T. 0.02 min
 Lab File: BF075563.D
 Acq: 16 Nov 2014 1:40

Tgt Ion:142 Resp: 241059
 Ion Ratio Lower Upper
 142 100
 141 89.7 69.9 104.9
 115 48.5 27.6 41.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 893

Delta R.T. -0.05 min

Lab File: BF075563.D

Acq: 16 Nov 2014 1:40

Instrument :

BNA_F

ClientSampleId :

T3

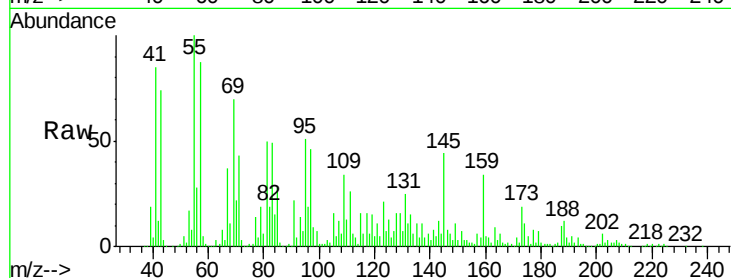
Tgt Ion:164 Resp: 28764

Ion Ratio Lower Upper

164 100

162 49.1 79.1 118.7#

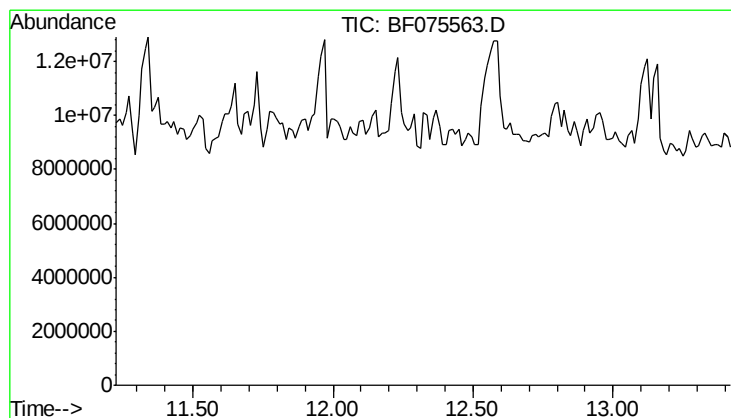
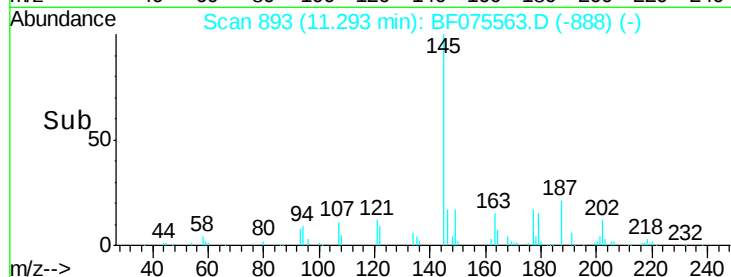
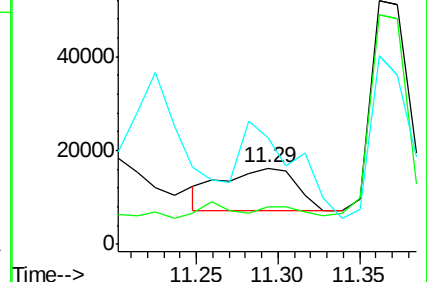
160 139.5 34.6 51.8#



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



#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 12.32 min

Lab File: BF075563.D

Acq: 16 Nov 2014 1:40

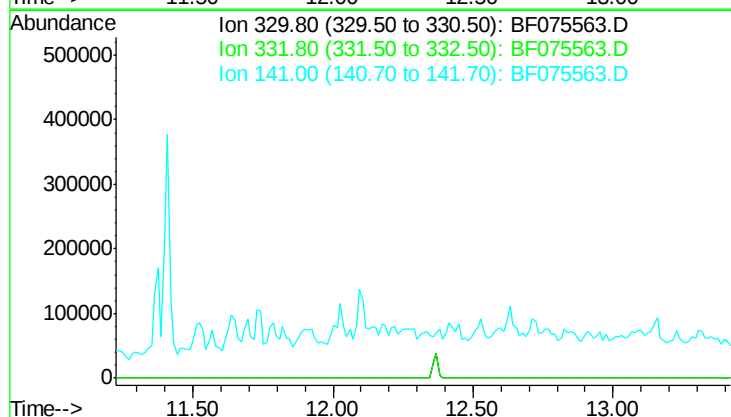
Tgt Ion: 330

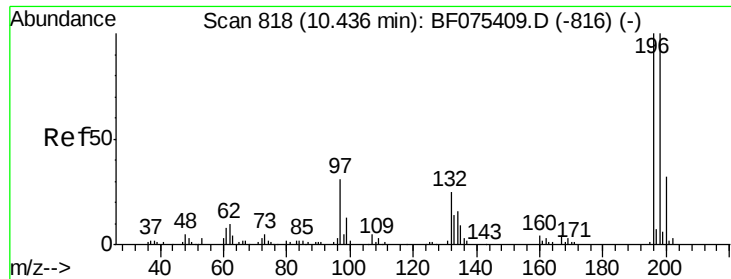
Sig Exp Ratio

330 100

332 93.1

141 38.4

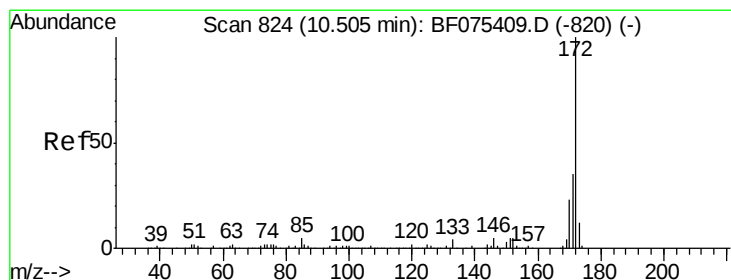
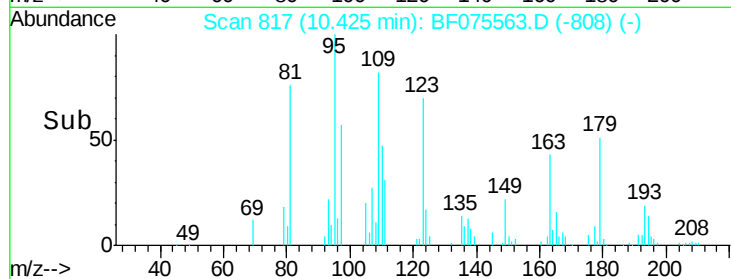
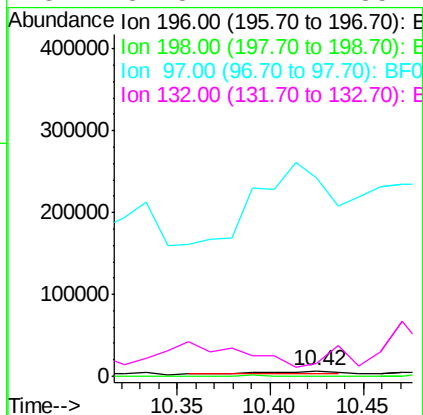
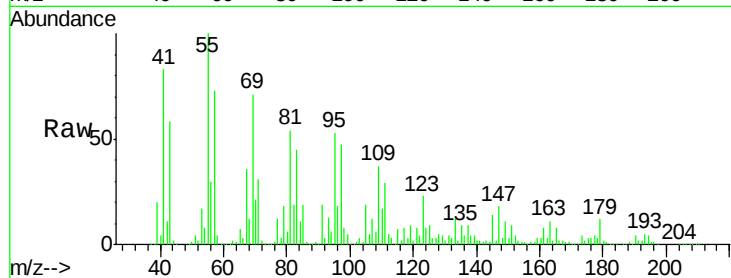




#43
 2,4,5-Trichlorophenol
 Concen: 18.84 ng
 RT: 10.42 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF075563.D
 Acq: 16 Nov 2014 1:40

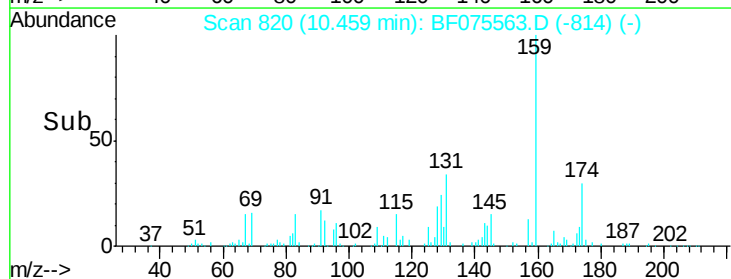
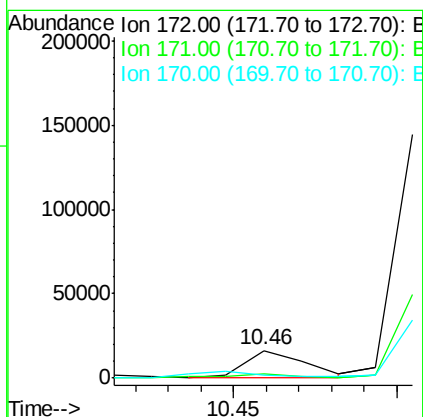
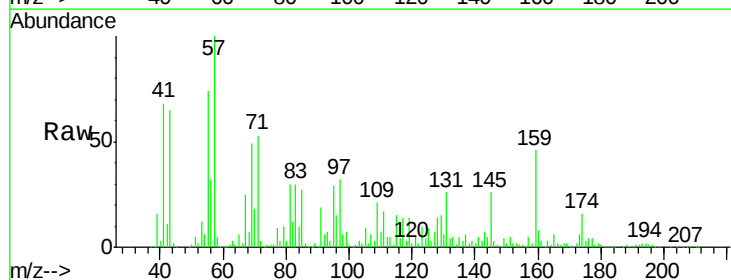
Instrument :
 BNA_F
 ClientSampleId :
 T3

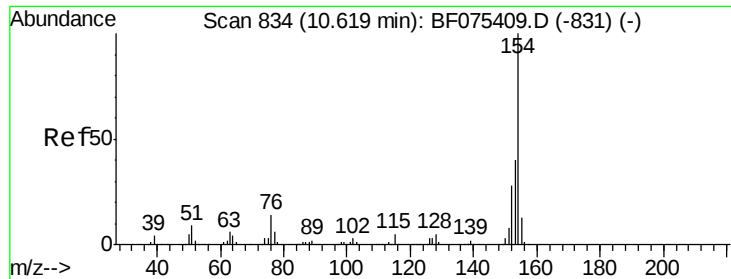
Tgt Ion:196 Resp: 9224
 Ion Ratio Lower Upper
 196 100
 198 0.0 78.2 117.4#
 97 3662.8 29.9 44.9#
 132 232.8 22.2 33.2#



#44
 2-Fluorobiphenyl
 Concen: 11.99 ng
 RT: 10.46 min Scan# 820
 Delta R.T. -0.03 min
 Lab File: BF075563.D
 Acq: 16 Nov 2014 1:40

Tgt Ion:172 Resp: 19093
 Ion Ratio Lower Upper
 172 100
 171 13.5 27.3 40.9#
 170 10.8 18.4 27.6#

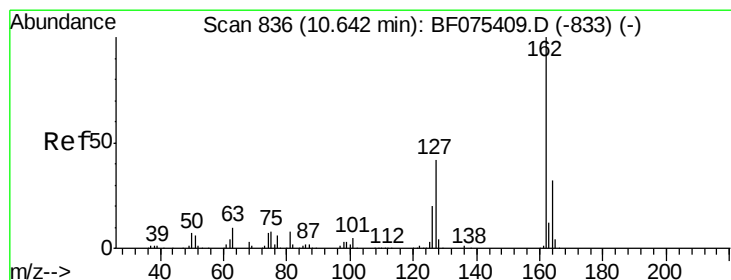
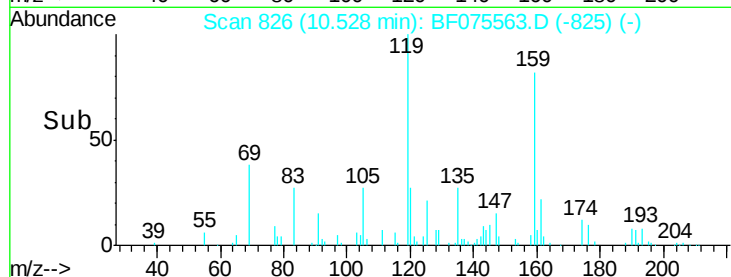
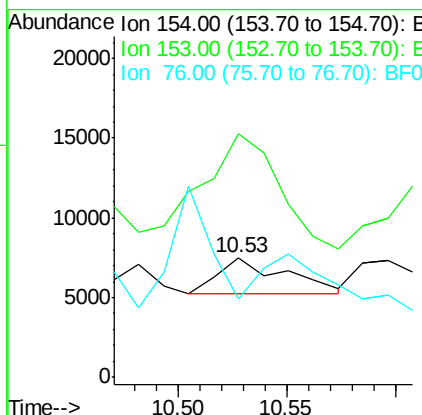
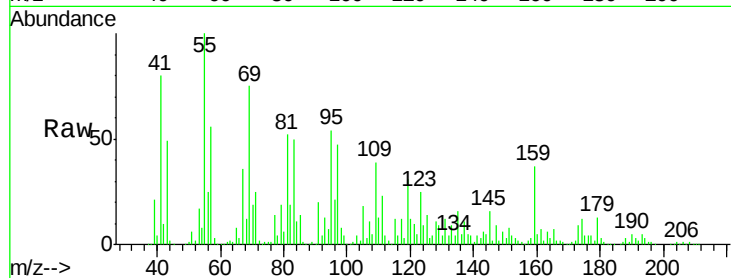




#45
 1,1'-Biphenyl
 Concen: 2.54 ng
 RT: 10.53 min Scan# 826
 Delta R.T. -0.09 min
 Lab File: BF075563.D
 Acq: 16 Nov 2014 1:40

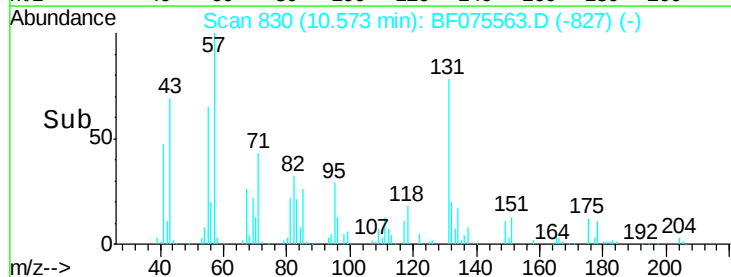
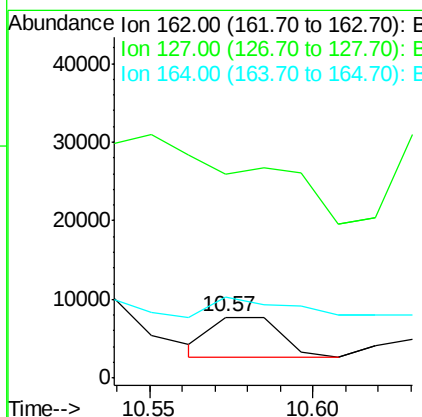
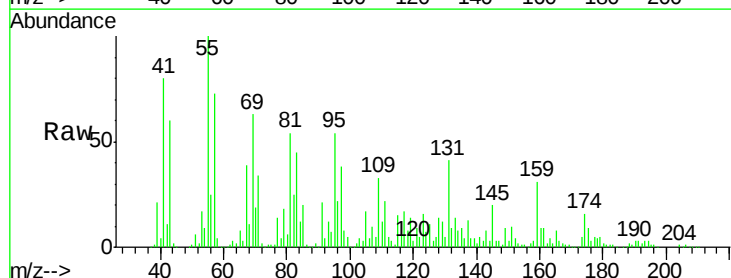
Instrument :
 BNA_F
 ClientSampleId :
 T3

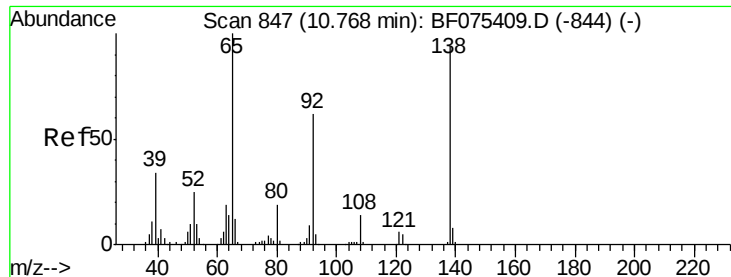
Tgt Ion:154 Resp: 4935
 Ion Ratio Lower Upper
 154 100
 153 203.7 19.3 59.3#
 76 66.2 0.0 35.0#



#46
 2-Chloronaphthalene
 Concen: 4.78 ng
 RT: 10.57 min Scan# 830
 Delta R.T. -0.07 min
 Lab File: BF075563.D
 Acq: 16 Nov 2014 1:40

Tgt Ion:162 Resp: 7254
 Ion Ratio Lower Upper
 162 100
 127 333.2 34.6 51.8#
 164 132.4 25.1 37.7#

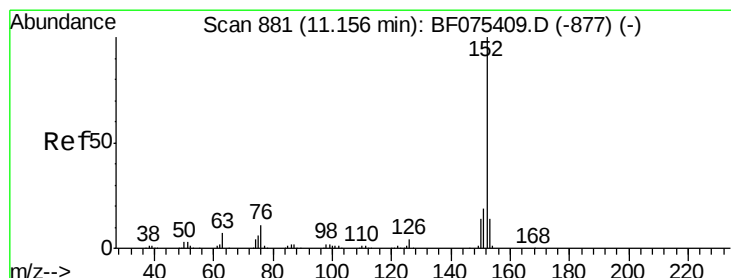
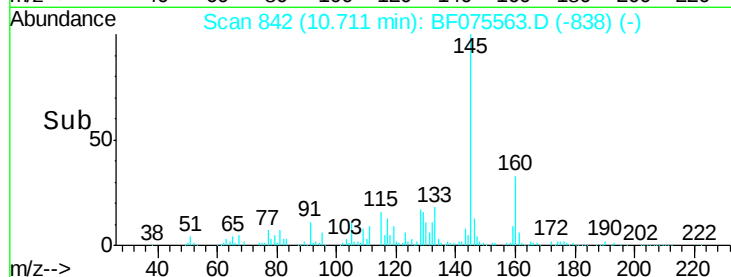
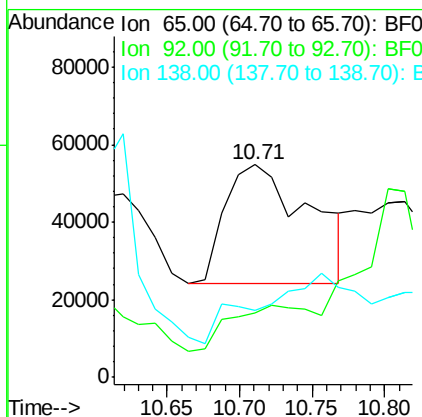
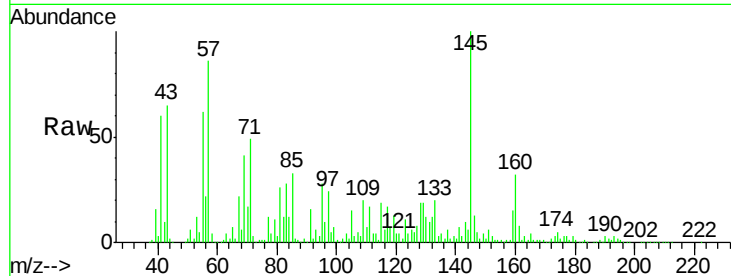




#47
2-Nitroaniline
Concen: 272.79 ng
RT: 10.71 min Scan# 842
Delta R.T. -0.06 min
Lab File: BF075563.D
Acq: 16 Nov 2014 1:40

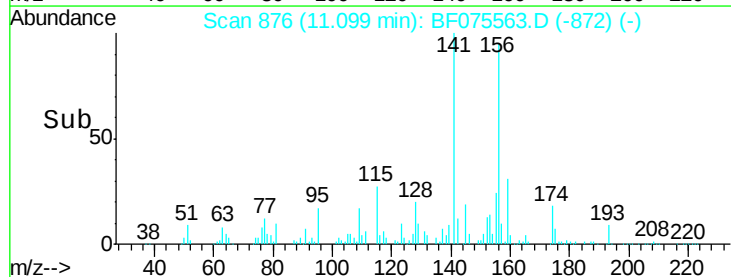
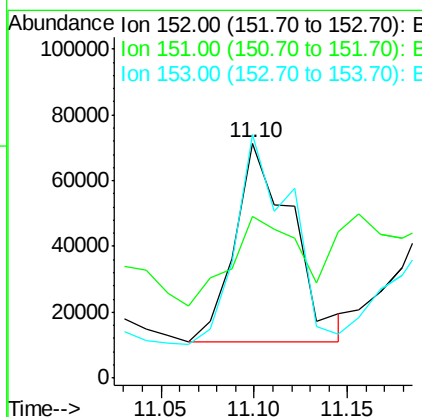
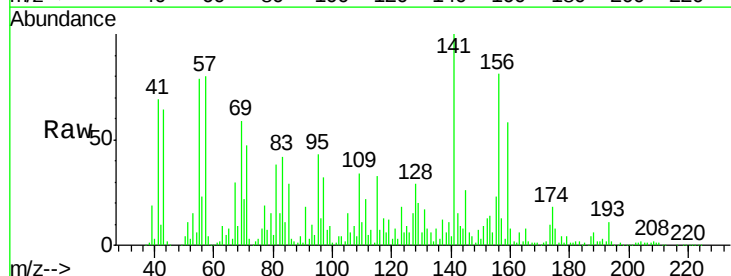
Instrument :
BNA_F
ClientSampled :
T3

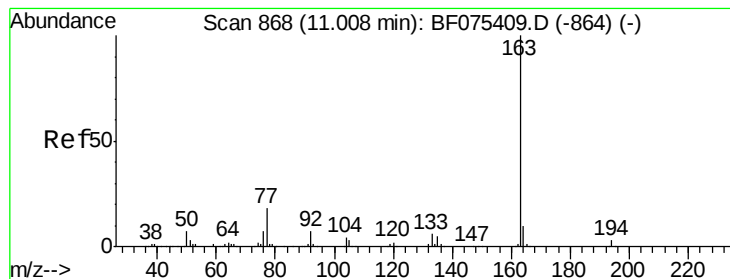
Tgt Ion: 65 Resp: 124515
Ion Ratio Lower Upper
65 100
92 30.2 46.7 70.1#
138 31.7 62.8 94.2#



#48
Acenaphthylene
Concen: 52.24 ng
RT: 11.10 min Scan# 876
Delta R.T. -0.06 min
Lab File: BF075563.D
Acq: 16 Nov 2014 1:40

Tgt Ion: 152 Resp: 130669
Ion Ratio Lower Upper
152 100
151 68.7 15.4 23.2#
153 103.7 10.0 15.0#





#49

Dimethylphthalate

Concen: 19.15 ng

RT: 10.92 min Scan# 860

Delta R.T. -0.09 min

Lab File: BF075563.D

Acq: 16 Nov 2014 1:40

Instrument :

BNA_F

ClientSampleId :

T3

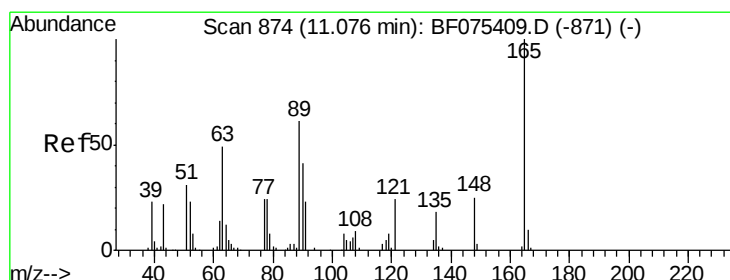
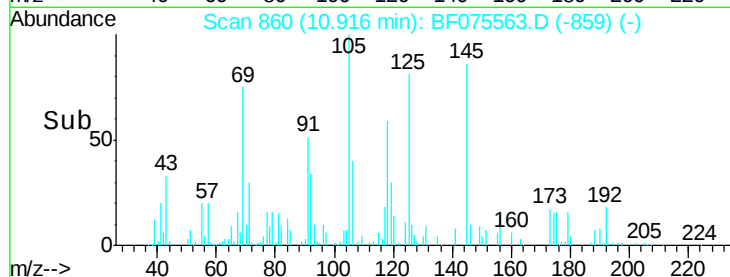
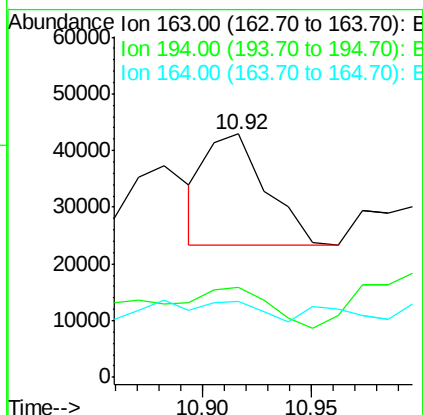
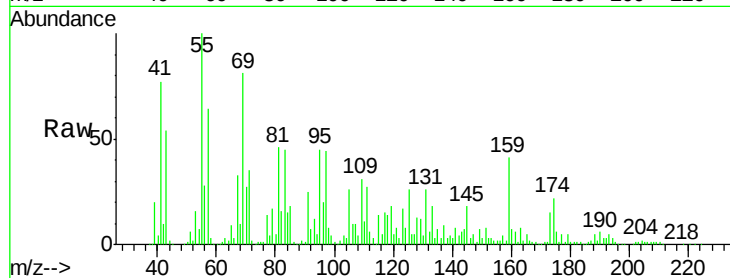
Tgt Ion:163 Resp: 37655

Ion Ratio Lower Upper

163 100

194 37.2 2.7 4.1#

164 31.4 8.0 12.0#



#50

2,6-Dinitrotoluene

Concen: 158.97 ng

RT: 11.02 min Scan# 869

Delta R.T. -0.06 min

Lab File: BF075563.D

Acq: 16 Nov 2014 1:40

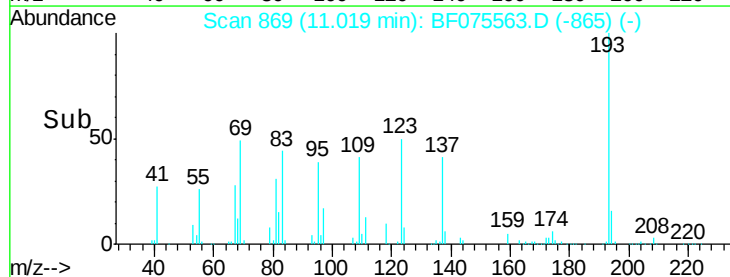
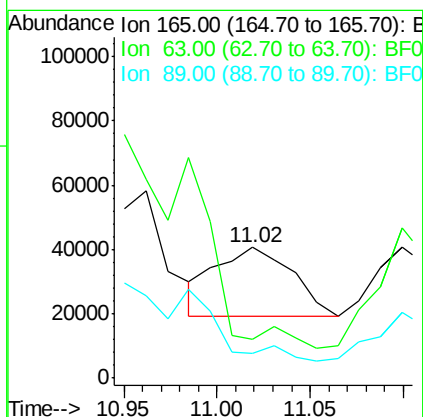
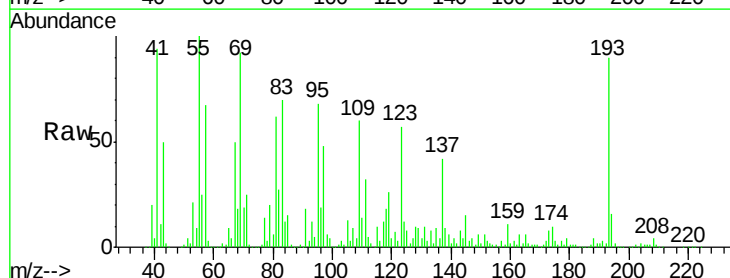
Tgt Ion:165 Resp: 61568

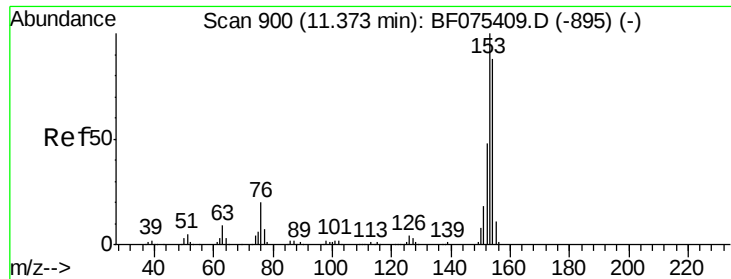
Ion Ratio Lower Upper

165 100

63 29.7 61.2 91.8#

89 18.8 52.5 78.7#





#51

Acenaphthene

Concen: 15.34 ng

RT: 11.34 min Scan# 897

Delta R.T. -0.03 min

Lab File: BF075563.D

Acq: 16 Nov 2014 1:40

Instrument :

BNA_F

ClientSampled :

T3

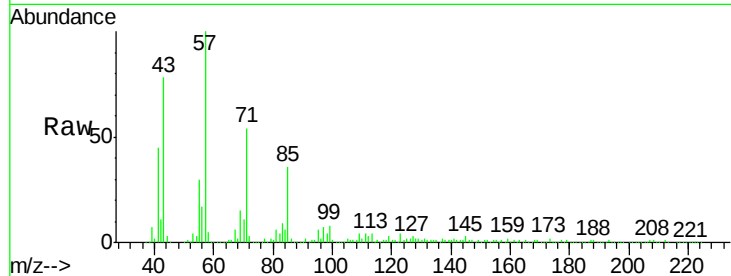
Tgt Ion:154 Resp: 23162

Ion Ratio Lower Upper

154 100

153 48.2 91.2 136.8#

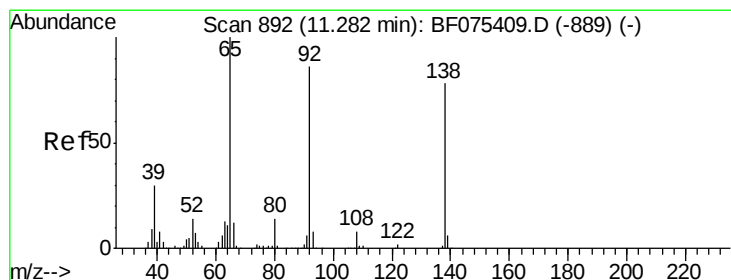
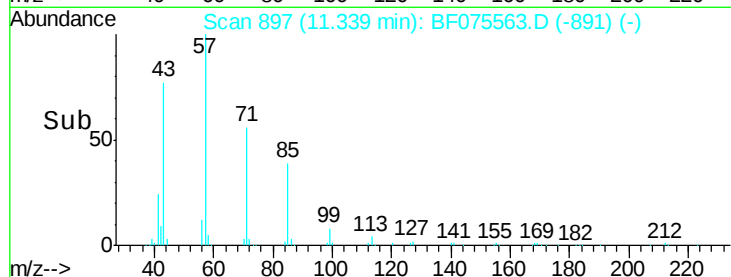
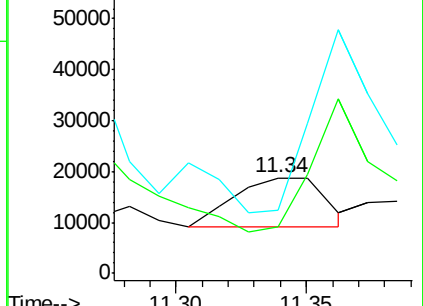
152 66.1 43.4 65.0#



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: 82.14 ng

RT: 11.25 min Scan# 889

Delta R.T. -0.03 min

Lab File: BF075563.D

Acq: 16 Nov 2014 1:40

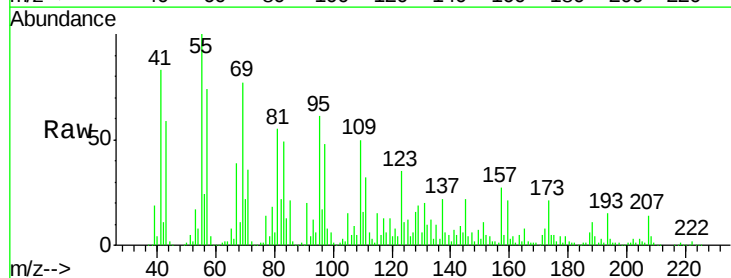
Tgt Ion:138 Resp: 37514

Ion Ratio Lower Upper

138 100

108 75.1 10.2 15.2#

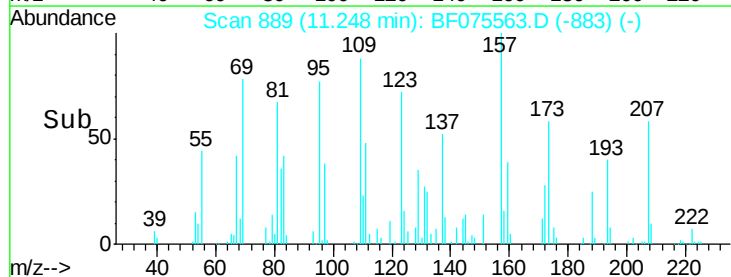
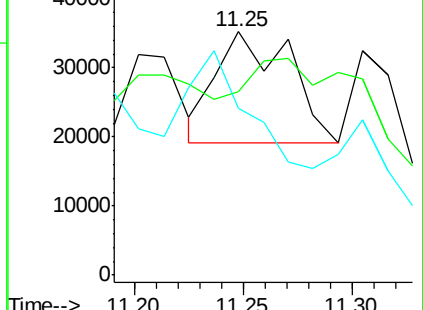
92 68.6 91.0 136.6#

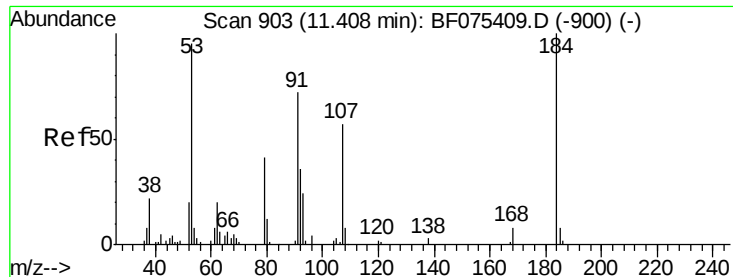


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

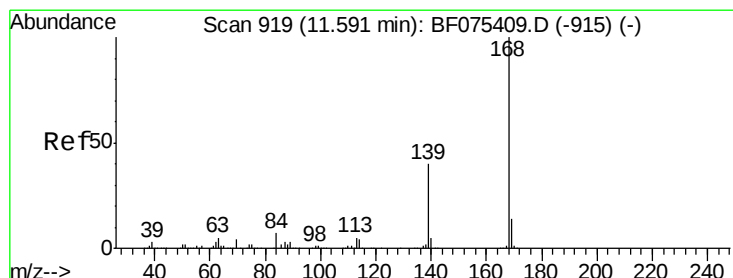
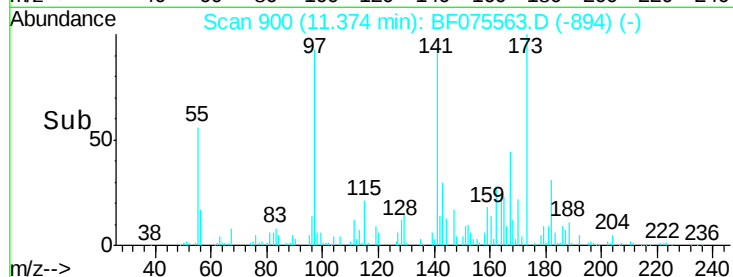
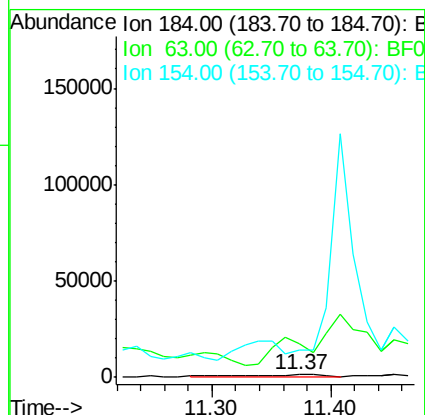
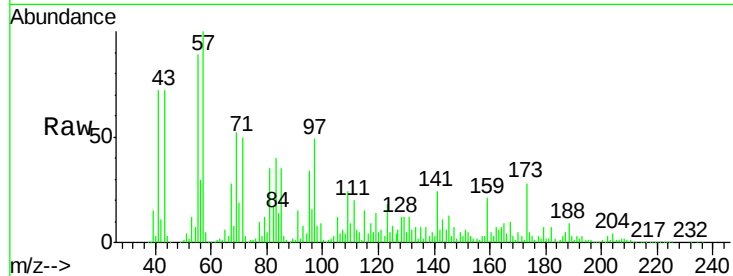




#53
2,4-Dinitrophenol
Concen: 20.79 ng
RT: 11.37 min Scan# 900
Delta R.T. -0.03 min
Lab File: BF075563.D
Acq: 16 Nov 2014 1:40

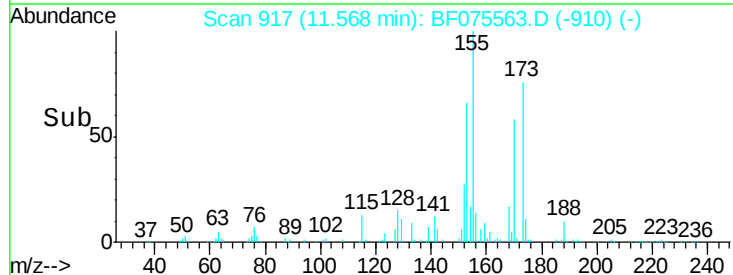
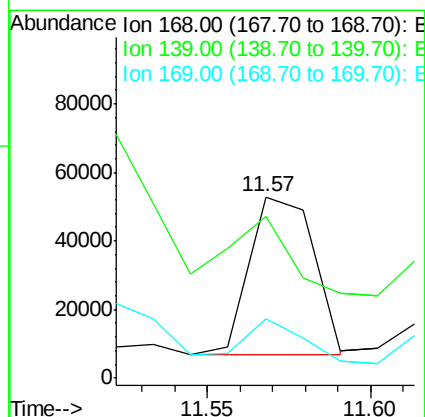
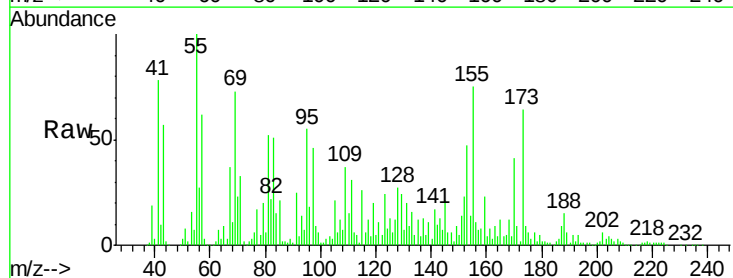
Instrument :
BNA_F
ClientSampleId :
T3

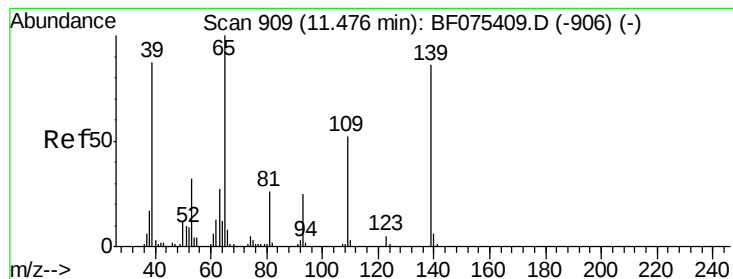
Tgt Ion:184 Resp: 3013
Ion Ratio Lower Upper
184 100
63 1262.9 96.3 144.5#
154 1025.9 56.2 84.4#



#54
Dibenzofuran
Concen: 28.83 ng
RT: 11.57 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF075563.D
Acq: 16 Nov 2014 1:40

Tgt Ion:168 Resp: 62201
Ion Ratio Lower Upper
168 100
139 89.5 33.0 49.4#
169 32.8 10.8 16.2#





#55

4-Nitrophenol

Concen: 270.41 ng

RT: 11.41 min Scan# 903

Delta R.T. -0.07 min

Lab File: BF075563.D

Acq: 16 Nov 2014 1:40

Instrument :

BNA_F

ClientSampleId :

T3

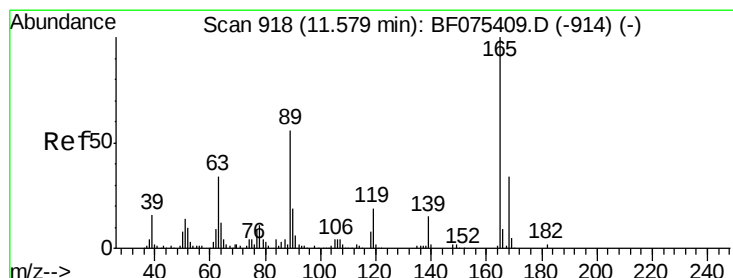
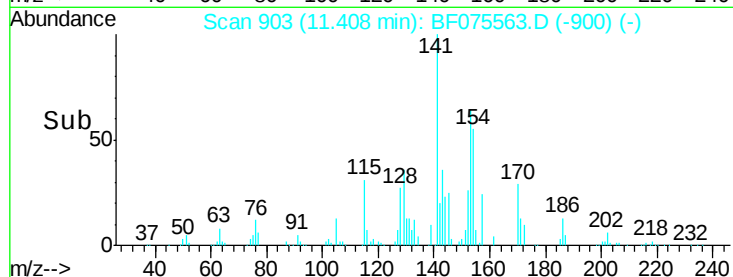
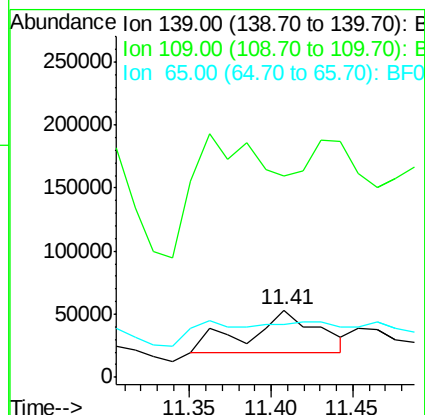
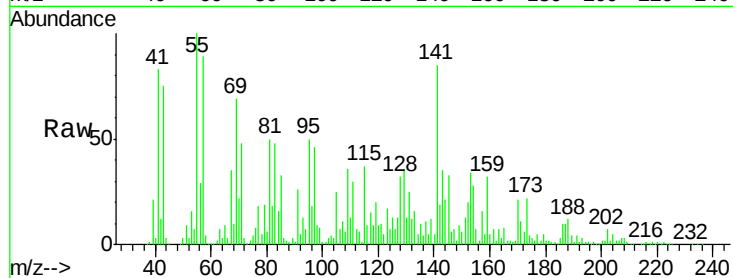
Tgt Ion:139 Resp: 98715

Ion Ratio Lower Upper

139 100

109 299.6 45.8 85.8#

65 79.2 94.8 134.8#



#56

2,4-Dinitrotoluene

Concen: 56.68 ng

RT: 11.57 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF075563.D

Acq: 16 Nov 2014 1:40

Tgt Ion:165 Resp: 28839

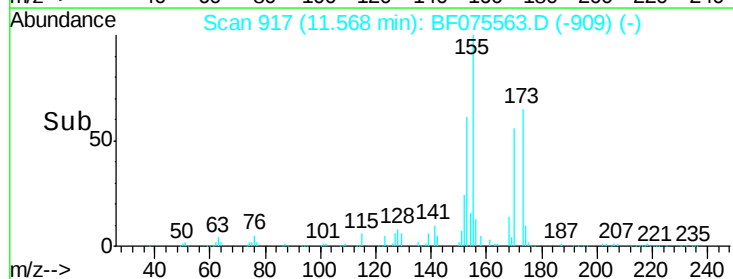
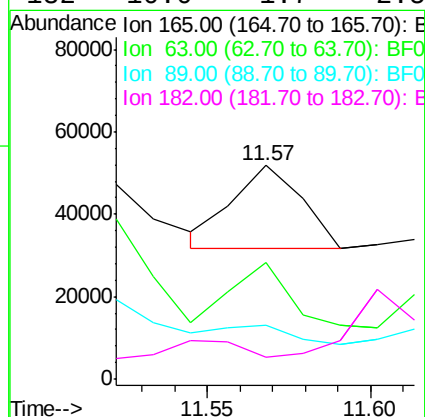
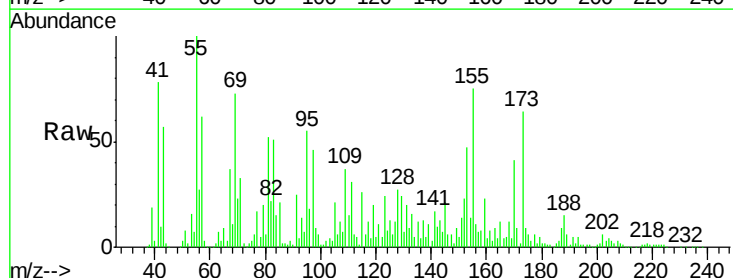
Ion Ratio Lower Upper

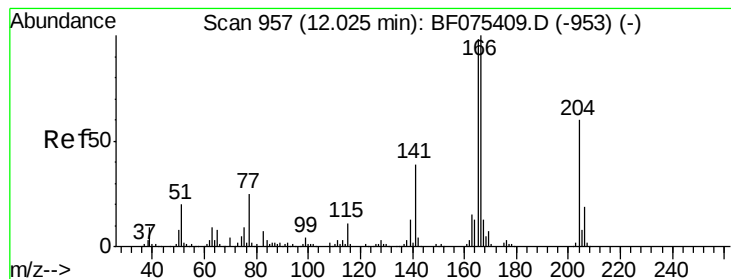
165 100

63 54.5 27.0 40.6#

89 25.1 47.8 71.6#

182 10.0 1.7 2.5#





#57

Fluorene

Concen: 45.20 ng

RT: 12.01 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF075563.D

Acq: 16 Nov 2014 1:40

Instrument :

BNA_F

ClientSampled :

T3

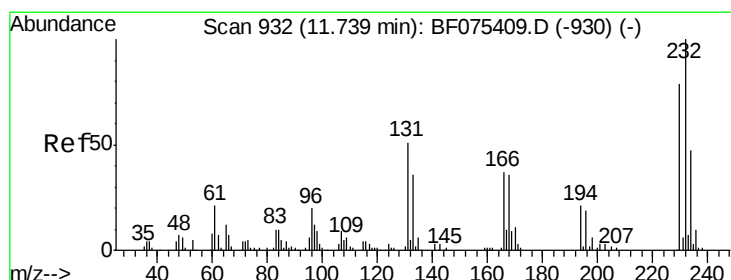
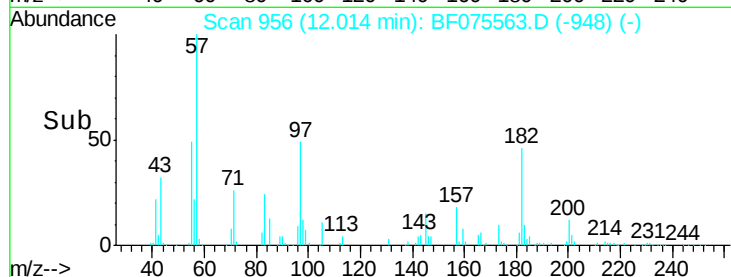
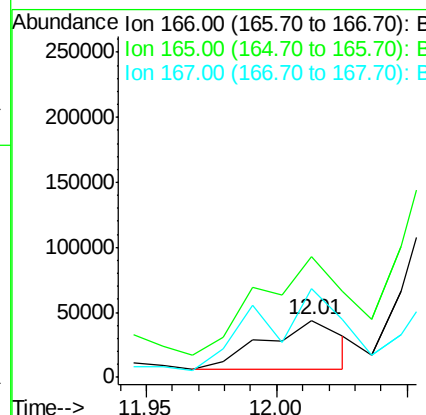
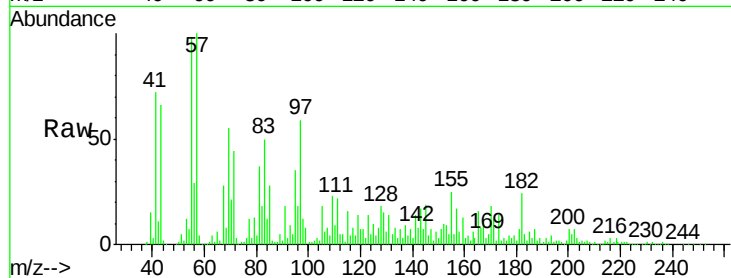
Tgt Ion:166 Resp: 78881

Ion Ratio Lower Upper

166 100

165 209.7 78.8 118.2#

167 153.9 10.6 15.8#



#58

2,3,4,6-Tetrachlorophenol

Concen: 11.44 ng

RT: 11.70 min Scan# 929

Delta R.T. -0.03 min

Lab File: BF075563.D

Acq: 16 Nov 2014 1:40

Tgt Ion:232 Resp: 4447

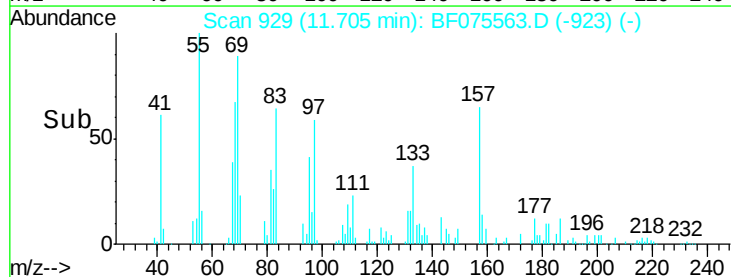
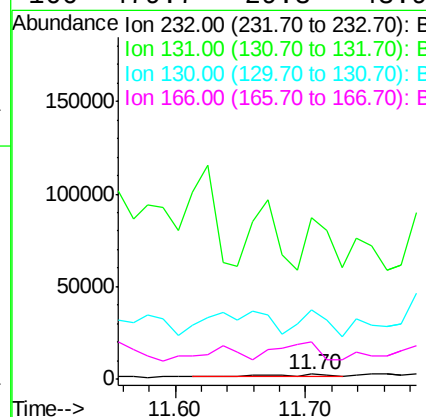
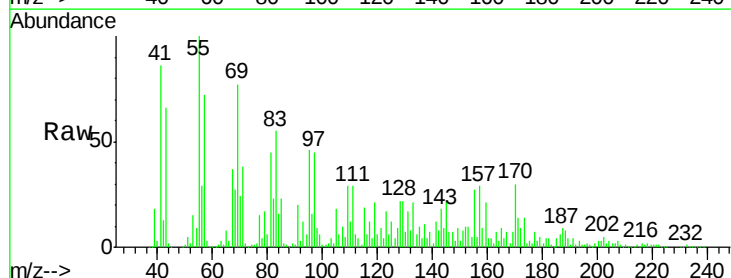
Ion Ratio Lower Upper

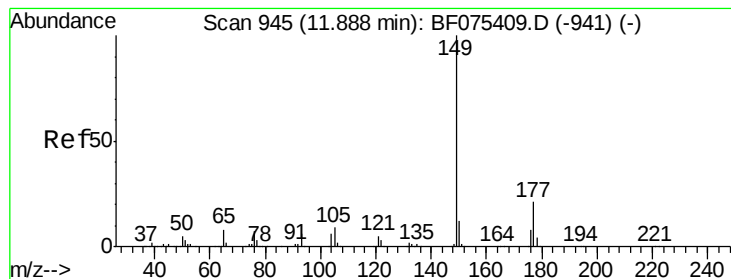
232 100

131 782.8 44.6 67.0#

130 458.4 2.5 3.7#

166 479.7 29.3 43.9#





#59

Diethylphthalate

Concen: 13.55 ng

RT: 11.82 min Scan# 939

Delta R.T. -0.07 min

Lab File: BF075563.D

Acq: 16 Nov 2014 1:40

Instrument :

BNA_F

ClientSampleId :

T3

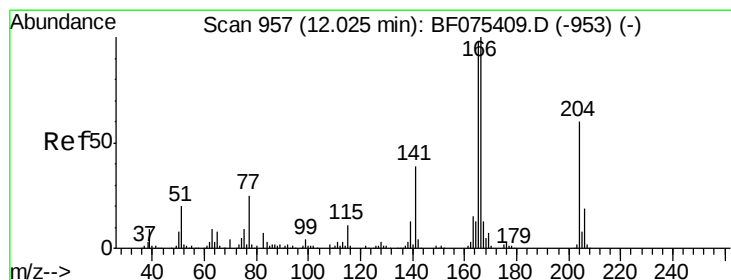
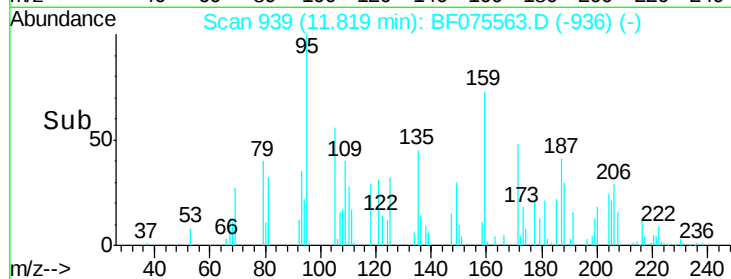
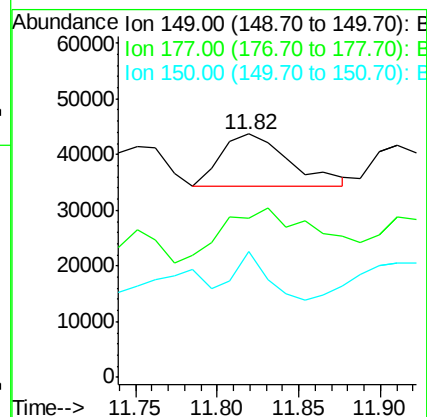
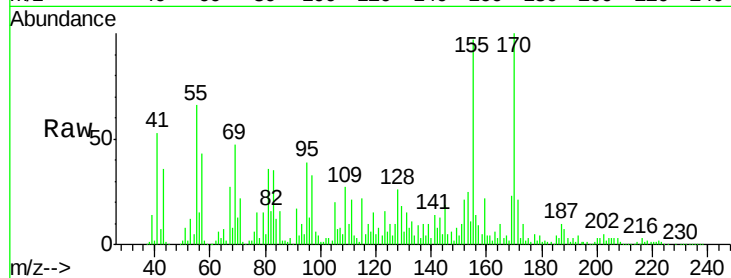
Tgt Ion:149 Resp: 27644

Ion Ratio Lower Upper

149 100

177 65.6 15.8 23.8#

150 51.6 9.9 14.9#



#60

4-Chlorophenyl-phenylether

Concen: 12.97 ng

RT: 12.00 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF075563.D

Acq: 16 Nov 2014 1:40

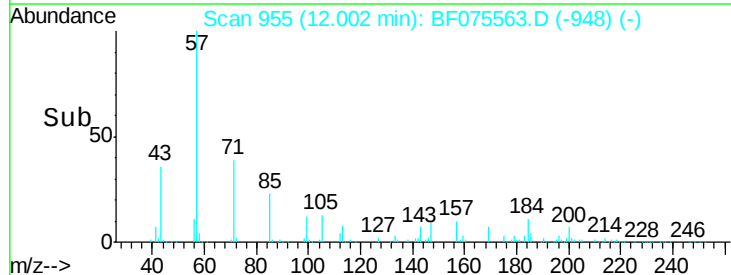
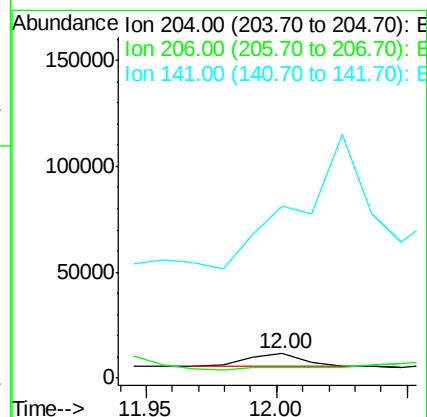
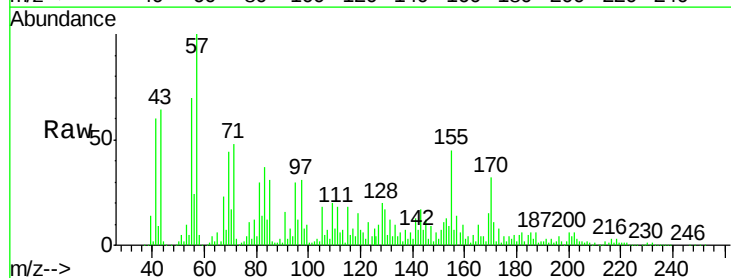
Tgt Ion:204 Resp: 9729

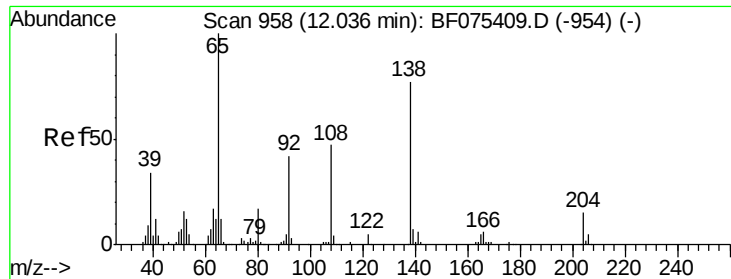
Ion Ratio Lower Upper

204 100

206 43.2 25.1 37.7#

141 711.2 58.6 87.8#

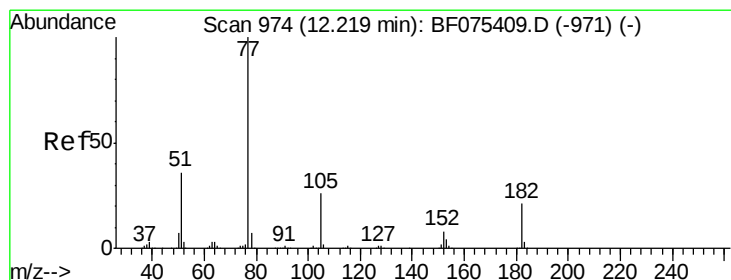
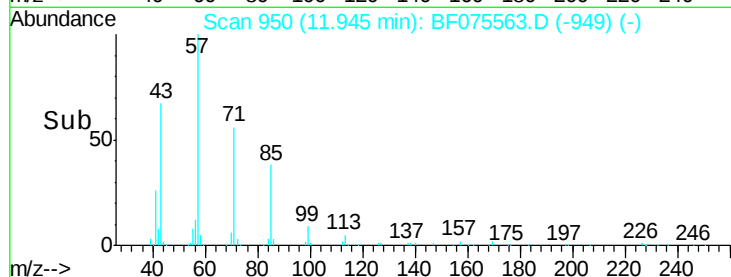
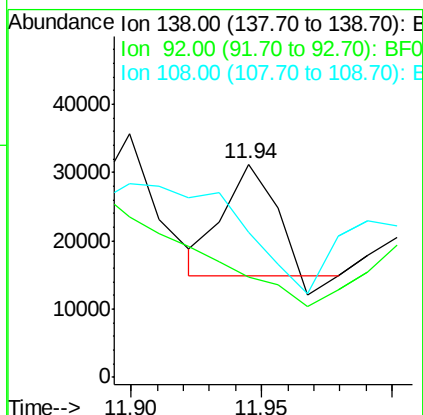
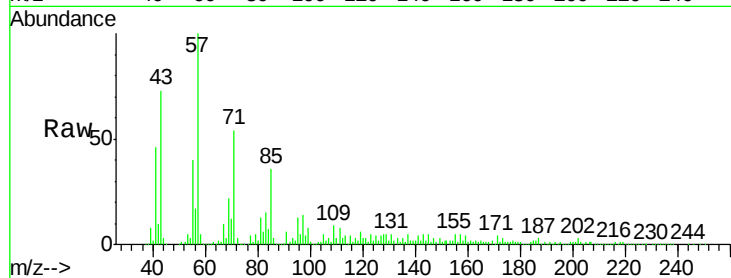




#61
4-Nitroaniline
Concen: 47.18 ng
RT: 11.94 min Scan# 950
Delta R.T. -0.09 min
Lab File: BF075563.D
Acq: 16 Nov 2014 1:40

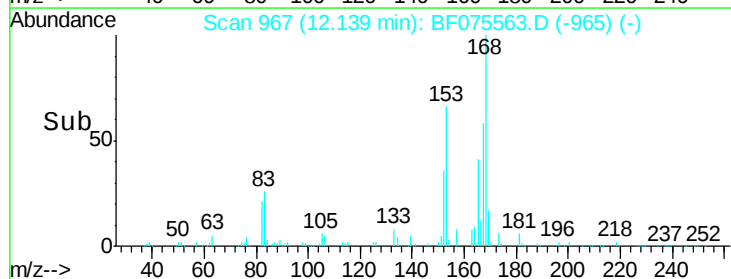
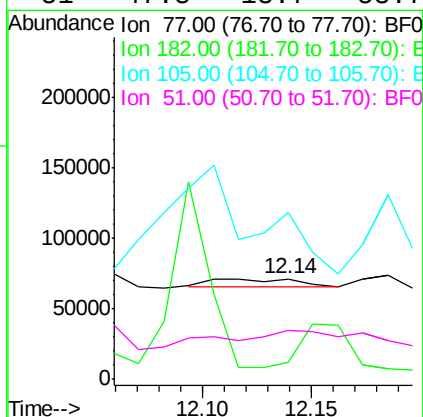
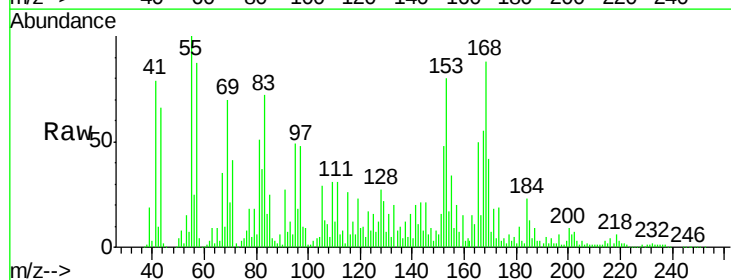
Instrument :
BNA_F
ClientSampled :
T3

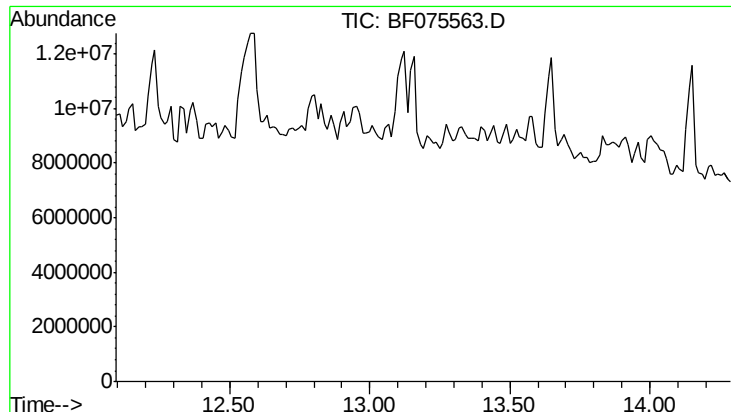
Tgt Ion:138 Resp: 21540
Ion Ratio Lower Upper
138 100
92 47.0 34.8 74.8
108 67.9 50.6 90.6



#62
Azobenzene
Concen: 7.81 ng
RT: 12.14 min Scan# 967
Delta R.T. -0.08 min
Lab File: BF075563.D
Acq: 16 Nov 2014 1:40

Tgt Ion: 77 Resp: 14029
Ion Ratio Lower Upper
77 100
182 17.2 0.0 37.1
105 165.5 3.7 43.7#
51 47.8 18.7 58.7



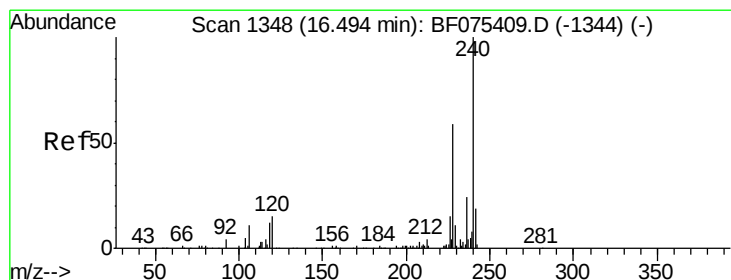
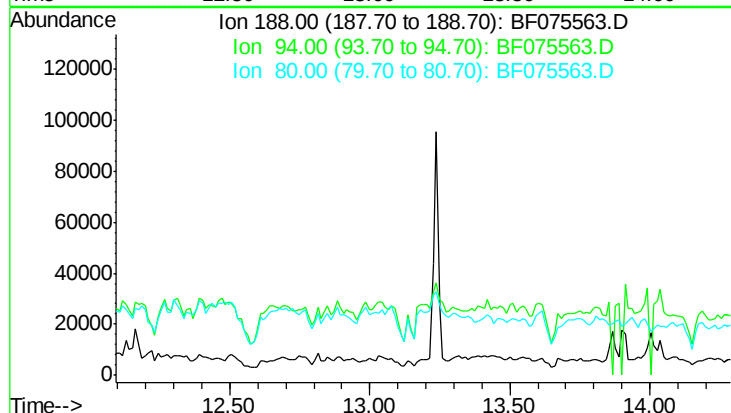


#63
 Phenanthrene-d10
 Concen: 0.00 ng
 Expected RT: 13.19 min
 Lab File: BF075563.D
 Acq: 16 Nov 2014 1:40

Instrument :
 BNA_F
 ClientSampleId :
 T3

Tgt Ion: 188

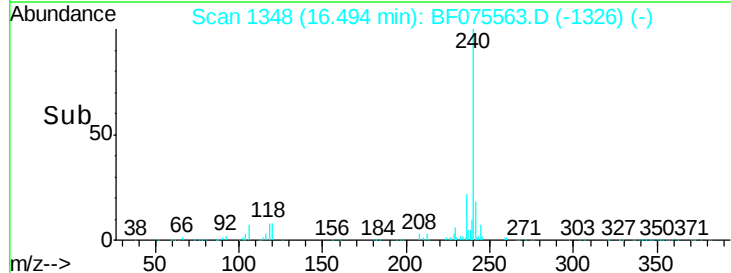
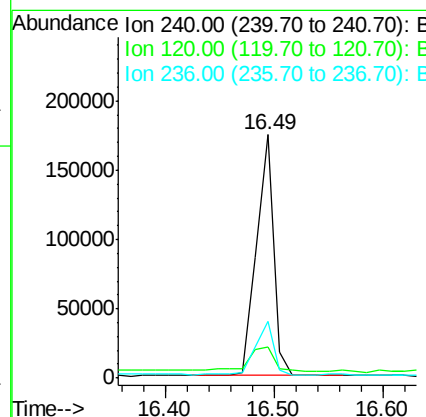
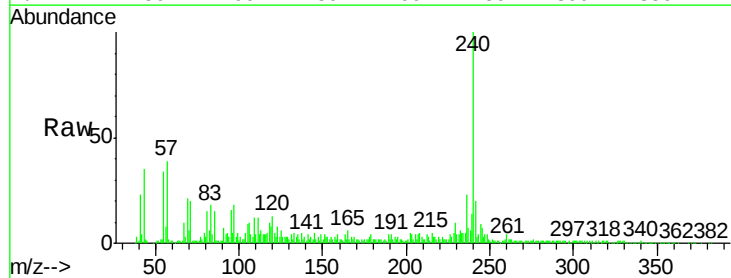
Sig	Exp Ratio
188	100
94	9.7
80	10.0

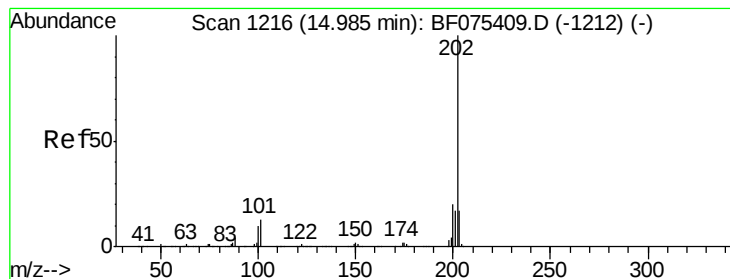


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.49 min Scan# 1348
 Delta R.T. -0.05 min
 Lab File: BF075563.D
 Acq: 16 Nov 2014 1:40

Tgt Ion: 240 Resp: 192647

Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.6	14.4
236	23.5	18.9	28.3





#77

Pyrene

Concen: 2.14 ng

RT: 14.89 min Scan# 1208

Delta R.T. -0.09 min

Lab File: BF075563.D

Acq: 16 Nov 2014 1:40

Instrument :

BNA_F

ClientSampleId :

T3

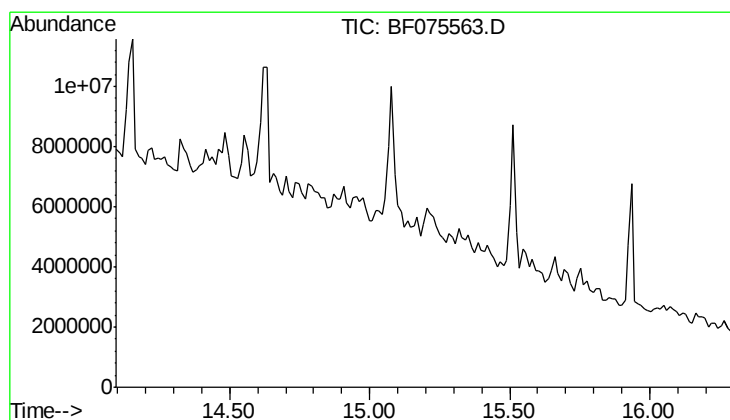
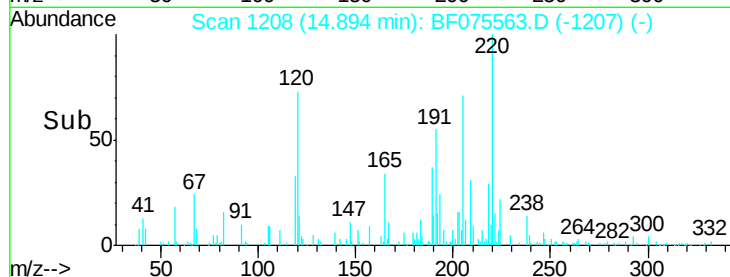
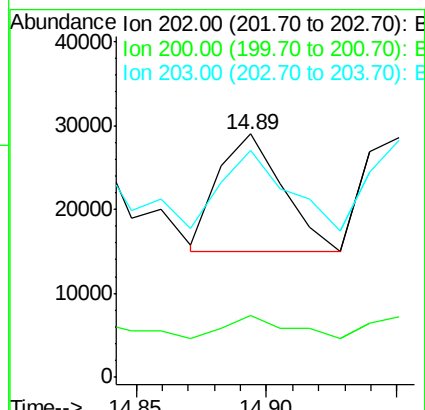
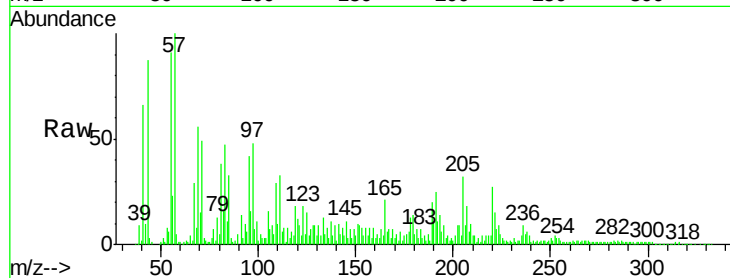
Tgt Ion: 202 Resp: 23995

Ion Ratio Lower Upper

202 100

200 25.6 16.8 25.2#

203 93.1 14.3 21.5#



#78

Terphenyl-d14

Concen: 0.00 ng

Expected RT: 15.19 min

Lab File: BF075563.D

Acq: 16 Nov 2014 1:40

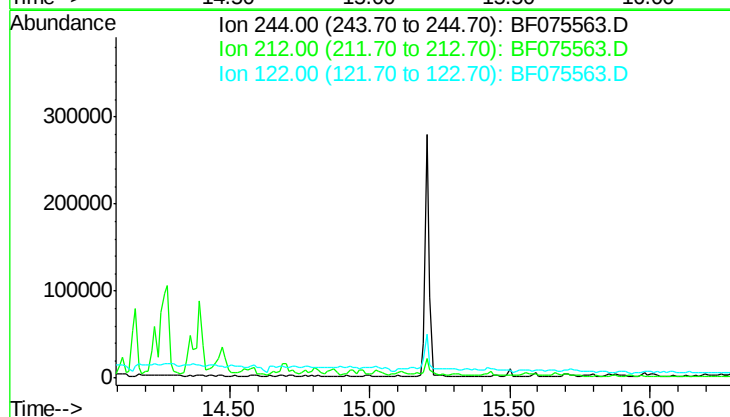
Tgt Ion: 244

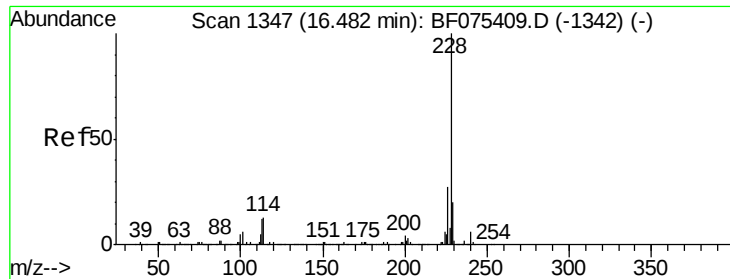
Sig Exp Ratio

244 100

212 6.9

122 12.1





#80

Benzo(a)anthracene

Concen: 5.21 ng

RT: 16.51 min Scan# 1349

Delta R.T. -0.02 min

Lab File: BF075563.D

Acq: 16 Nov 2014 1:40

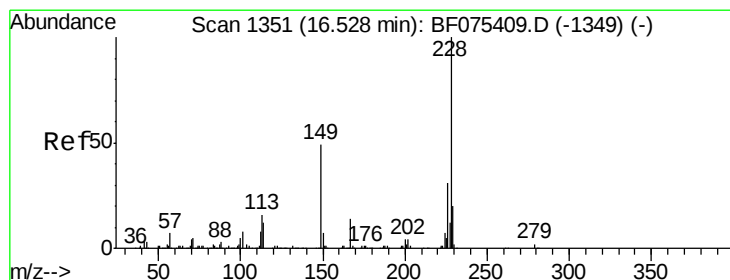
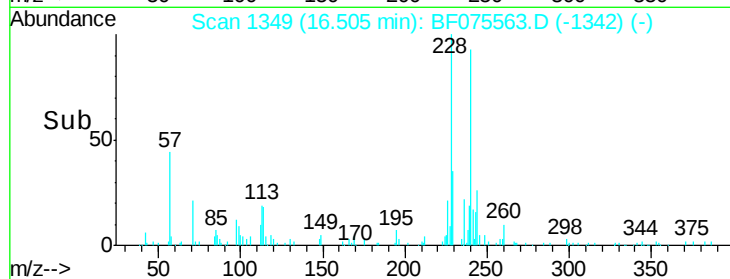
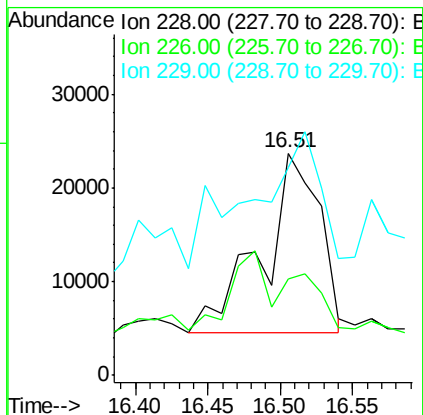
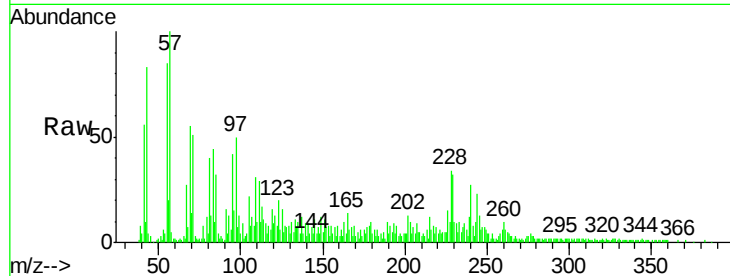
Instrument :

BNA_F

ClientSampleId :

T3

Tgt Ion:	228	Resp:	52684
Ion	Ratio	Lower	Upper
228	100		
226	43.6	21.8	32.8#
229	93.8	15.3	22.9#



#82

Chrysene

Concen: 5.57 ng

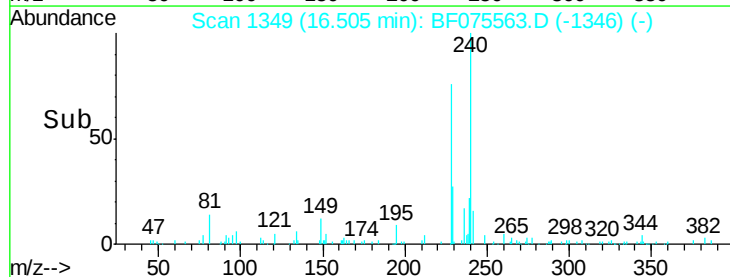
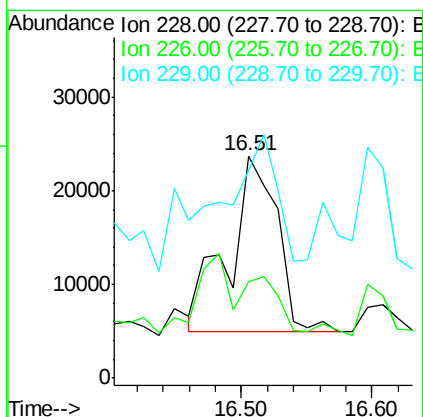
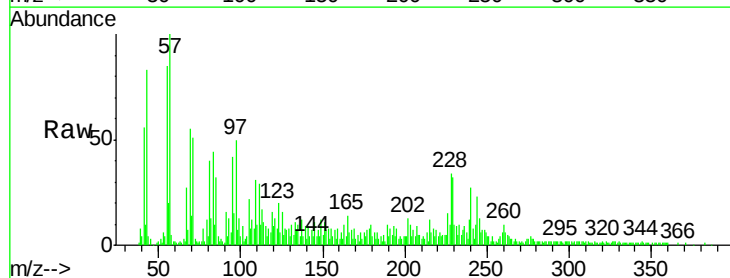
RT: 16.51 min Scan# 1349

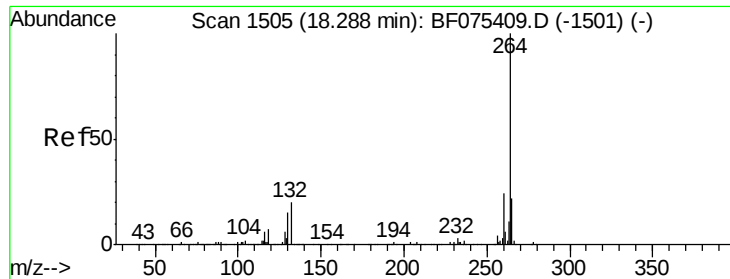
Delta R.T. -0.07 min

Lab File: BF075563.D

Acq: 16 Nov 2014 1:40

Tgt Ion:	228	Resp:	48782
Ion	Ratio	Lower	Upper
228	100		
226	43.6	23.8	35.6#
229	93.8	15.8	23.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 18.25 min Scan# 1502
Delta R.T. -0.18 min
Lab File: BF075563.D
Acq: 16 Nov 2014 1:40

Instrument :
BNA_F
ClientSampleId :
T3

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.9	26.9
265	21.7	16.3	24.5

