

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
 Data File : BF090454.D
 Acq On : 7 Oct 2016 20:08
 Operator : UM/SJ
 Sample : H5140-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-5

Quant Time: Oct 08 00:00:03 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	242559	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	712288	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	393535	20.00	ng	0.02
63) Phenanthrene-d10	11.56	188	634801	20.00	ng	0.01
75) Chrysene-d12	14.18	240	465207	20.00	ng	-0.02
86) Perylene-d12	15.68	264	404429	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1820178	112.00	ng	0.00
7) Phenol-d6	6.63	99	2747353	129.07	ng	0.01
23) Nitrobenzene-d5	7.56	82	1433566	97.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.86	330	506162	158.18	ng	0.01
44) 2-Fluorobiphenyl	9.38	172	1876629	79.45	ng	0.00
78) Terphenyl-d14	13.14	244	2254971	108.97	ng	0.00

Target Compounds

						Qvalue
9) Benzaldehyde	6.52	77	457979	42.56	ng	# 1
10) Phenol	6.65	94	50851	2.05	ng	93
15) Benzyl Alcohol	7.15	79	62544	3.87	ng	# 47
18) Hexachloroethane	7.57	117	1606461	225.03	ng	# 11
19) n-Nitroso-di-n-propylamine	7.43	70	142592	9.14	ng	# 50
22) Acetophenone	7.40	105	1545748	91.62	ng	# 50
24) Nitrobenzene	7.54	77	339208	23.33	ng	# 44
25) Isophorone	7.82	82	437363	16.34	ng	# 1
26) 2-Nitrophenol	7.91	139	43917	7.02	ng	# 1
27) 2,4-Dimethylphenol	7.95	122	51195	4.21	ng	# 1
28) bis(2-Chloroethoxy)methane	8.06	93	81332	5.14	ng	# 1
29) 2,4-Dichlorophenol	8.13	162	58209	6.29	ng	# 16
31) Naphthalene	8.33	128	3733318	108.64	ng	96
32) Benzoic acid	8.09	122	42010	4.97	ng	# 16
33) 4-Chloroaniline	8.33	127	723819	50.96	ng	# 43
35) Caprolactam	8.74	113	376867	121.16	ng	# 85
36) 4-Chloro-3-methylphenol	8.84	107	86419	7.46	ng	# 34
37) 2-Methylnaphthalene	9.03	142	4674818	224.74	ng	98
42) 2,4,6-Trichlorophenol	9.30	196	21546	3.01	ng	# 11
43) 2,4,5-Trichlorophenol	9.30	196	21546	3.18	ng	# 1
45) 1,1'-Biphenyl	9.48	154	924810	31.71	ng	97
47) 2-Nitroaniline	9.54	65	71957	8.46	ng	# 43
48) Acenaphthylene	9.94	152	185997	5.23	ng	# 1
49) Dimethylphthalate	9.78	163	469666	18.64	ng	# 98
50) 2,6-Dinitrotoluene	9.85	165	67648	12.09	ng	# 59
51) Acenaphthene	10.11	154	268806	12.13	ng	# 6
52) 3-Nitroaniline	10.03	138	62579	9.57	ng	# 33
53) 2,4-Dinitrophenol	10.14	184	5046	2.02	ng	# 1
54) Dibenzofuran	10.28	168	274786	9.58	ng	# 1
55) 4-Nitrophenol	10.18	139	235813	41.23	ng	# 45
56) 2,4-Dinitrotoluene	10.25	165	31226	4.19	ng	# 70
57) Fluorene	10.62	166	740766	30.72	ng	# 90
60) 4-Chlorophenyl-phenylether	10.68	204	31006	2.83	ng	# 1
61) 4-Nitroaniline	10.53	138	46494	7.06	ng	92

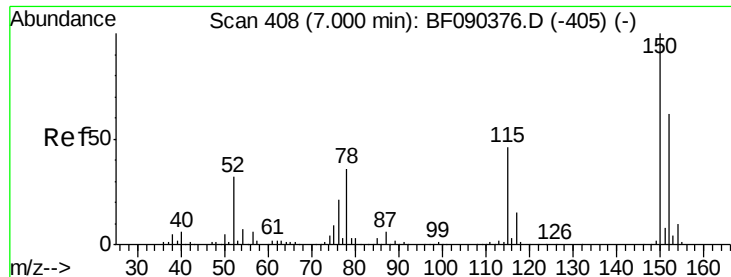
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
62) Azobenzene	10.77	77	180160	5.98	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.65	198	13876	8.31	ng	# 1
65) n-Nitrosodiphenylamine	10.71	169	773887	36.38	ng	# 74
68) Atrazine	11.29	200	71166	13.57	ng	# 1
70) Phenanthrene	11.58	178	2227286	68.52	ng	# 94
71) Anthracene	11.67	178	1050088	31.63	ng	# 1
74) Fluoranthene	12.77	202	305980	9.60	ng	# 89
77) Pyrene	12.99	202	465409	15.00	ng	# 91
80) Benzo(a)anthracene	14.17	228	135019	5.17	ng	# 94
82) Chrysene	14.17	228	135019	5.62	ng	# 92
85) Indeno(1,2,3-cd)pyrene	17.17	276	37334	2.18	ng	# 88
87) Benzo(b)fluoranthene	15.23	252	136703	5.31	ng	# 91
88) Benzo(k)fluoranthene	15.23	252	136703	5.65	ng	# 96
89) Benzo(a)pyrene	15.61	252	69394	3.13	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF090454.D

Acq: 7 Oct 2016 20:08

Instrument :

BNA_F

ClientSampleId :

T-5

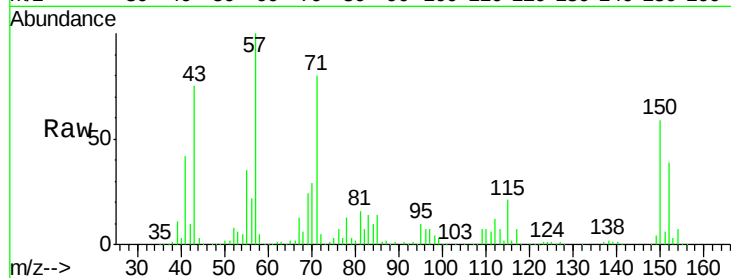
Tgt Ion:152 Resp: 242559

Ion Ratio Lower Upper

152 100

150 153.1 124.6 186.8

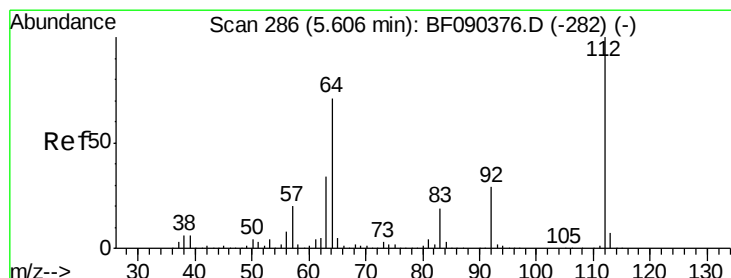
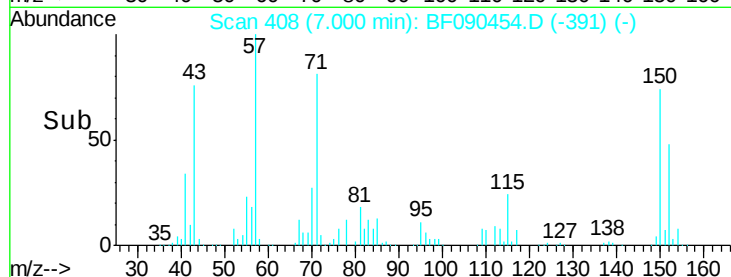
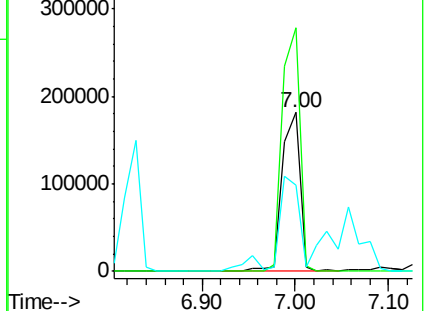
115 54.4 46.2 69.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 112.00 ng

RT: 5.61 min Scan# 286

Delta R.T. 0.00 min

Lab File: BF090454.D

Acq: 7 Oct 2016 20:08

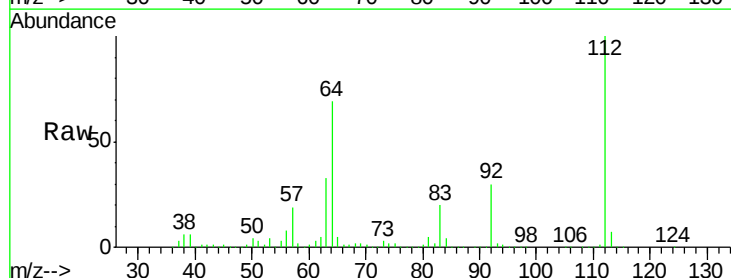
Tgt Ion:112 Resp: 1820178

Ion Ratio Lower Upper

112 100

64 68.7 57.9 86.9

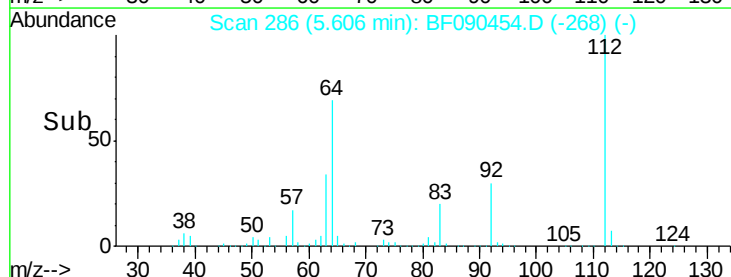
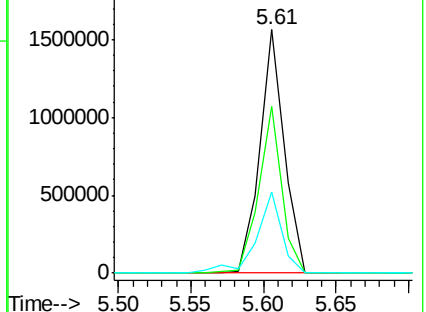
63 33.5 29.6 44.4

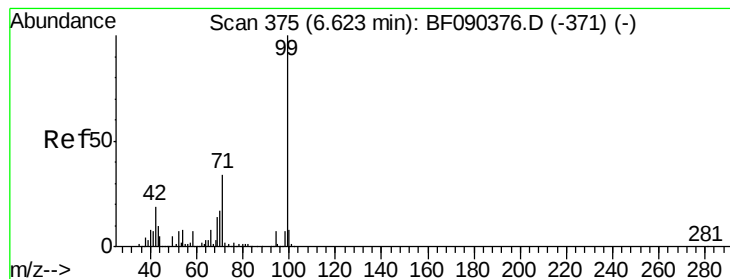


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 129.07 ng

RT: 6.63 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF090454.D

Acq: 7 Oct 2016 20:08

Instrument :

BNA_F

ClientSampled :

T-5

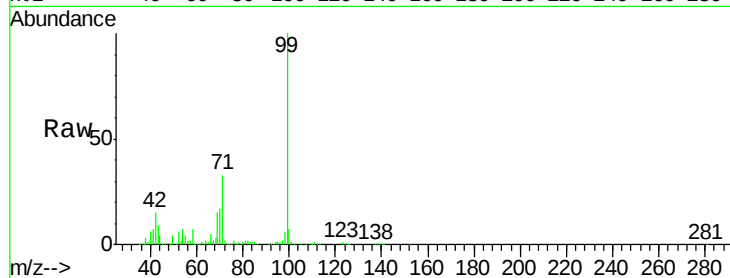
Tgt Ion: 99 Resp: 2747353

Ion Ratio Lower Upper

99 100

42 15.5 20.0 30.0#

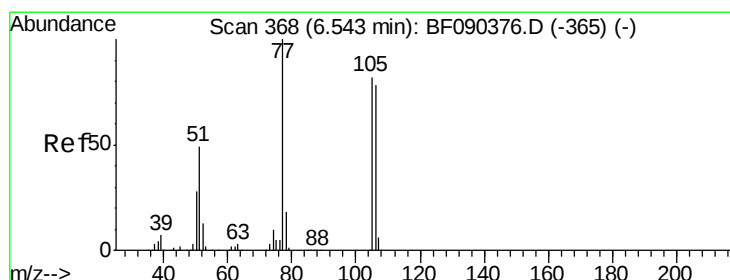
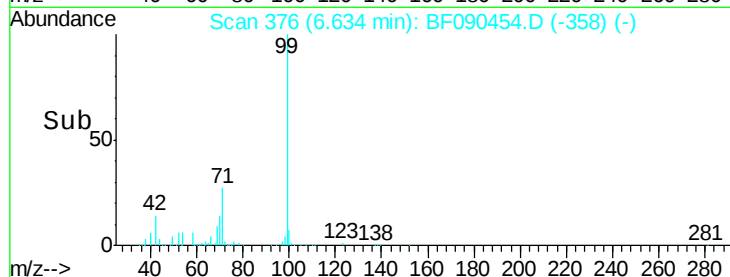
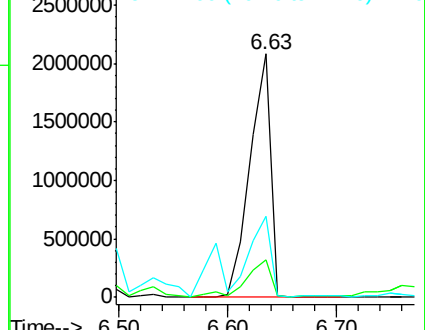
71 33.3 27.9 41.9



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: 42.56 ng

RT: 6.52 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF090454.D

Acq: 7 Oct 2016 20:08

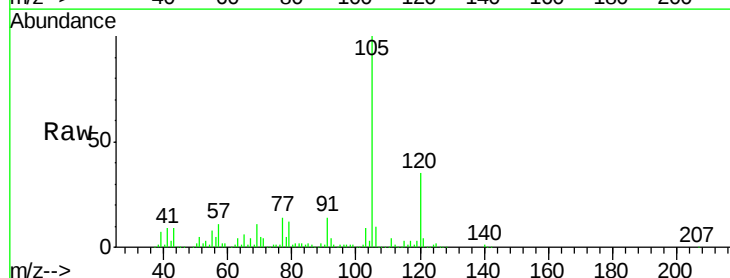
Tgt Ion: 77 Resp: 457979

Ion Ratio Lower Upper

77 100

105 715.9 73.1 113.1#

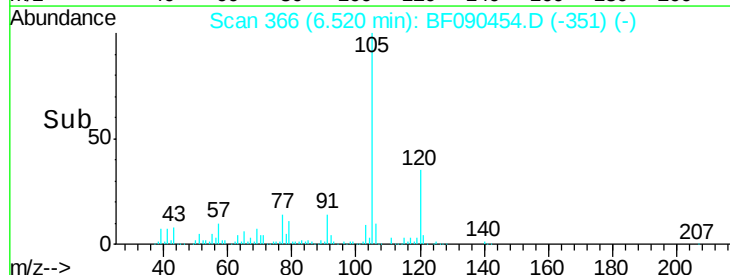
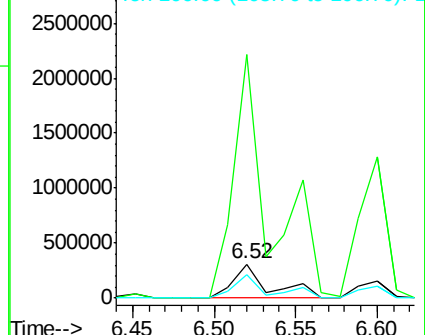
106 69.4 70.2 110.2#

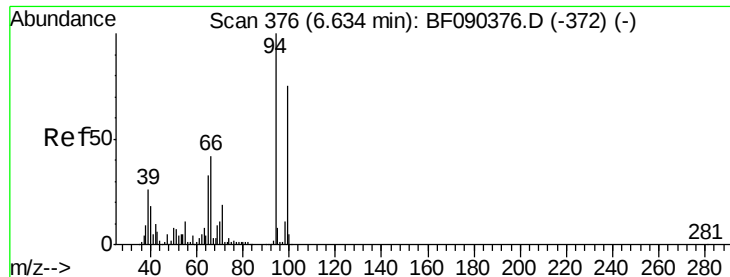


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.05 ng

RT: 6.65 min Scan# 377

Delta R.T. 0.01 min

Lab File: BF090454.D

Acq: 7 Oct 2016 20:08

Instrument :

BNA_F

ClientSampleId :

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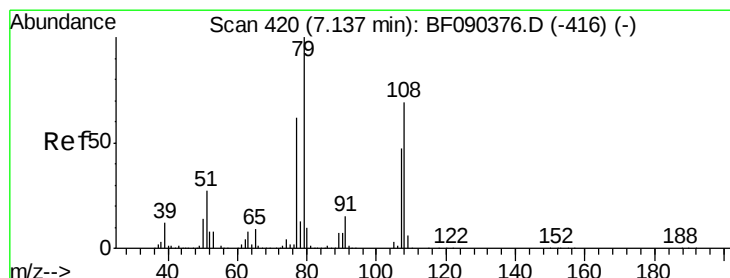
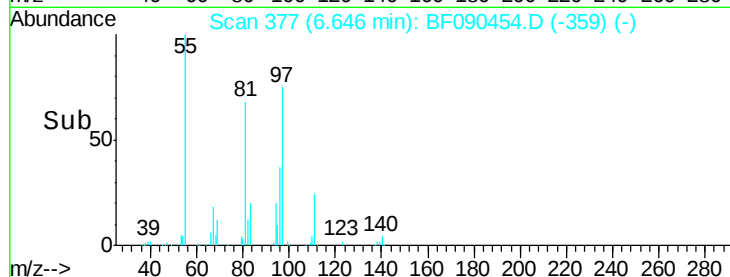
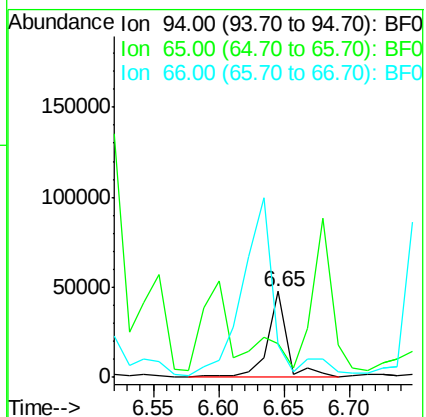
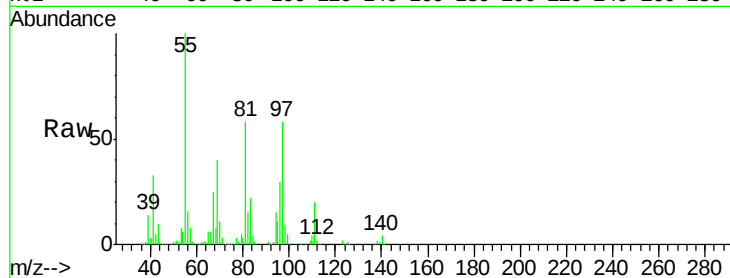
Tgt Ion: 94 Resp: 50851

Ion Ratio Lower Upper

94 100

65 39.6 13.3 53.3

66 38.0 20.4 60.4



#15

Benzyl Alcohol

Concen: 3.87 ng

RT: 7.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: BF090454.D

Acq: 7 Oct 2016 20:08

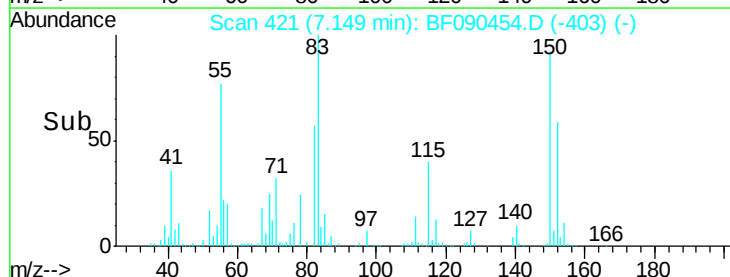
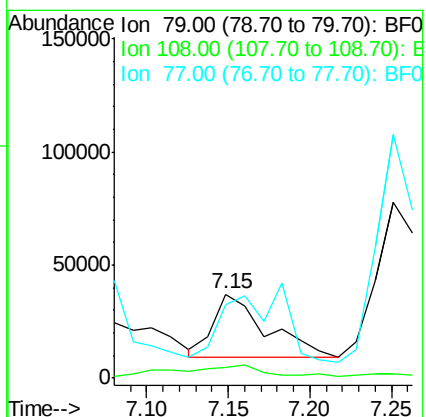
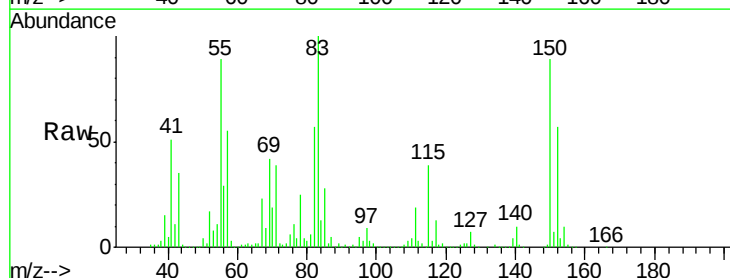
Tgt Ion: 79 Resp: 62544

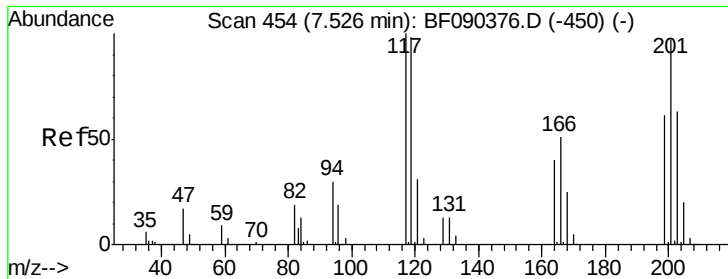
Ion Ratio Lower Upper

79 100

108 13.1 60.9 91.3#

77 87.4 51.5 77.3#

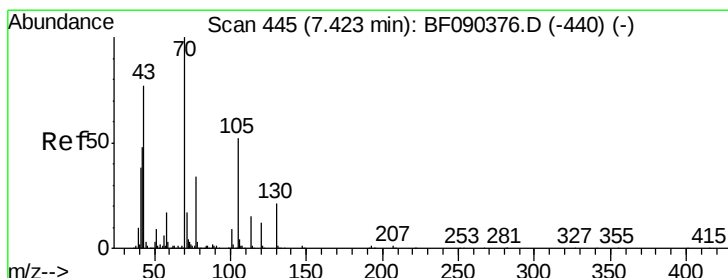
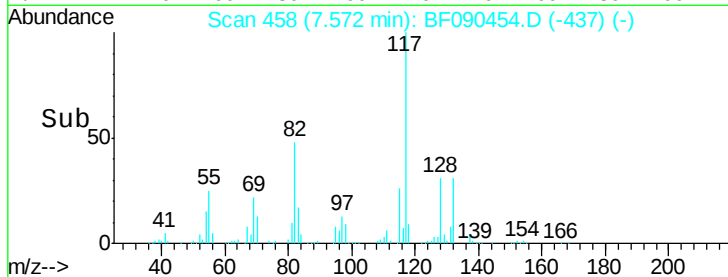
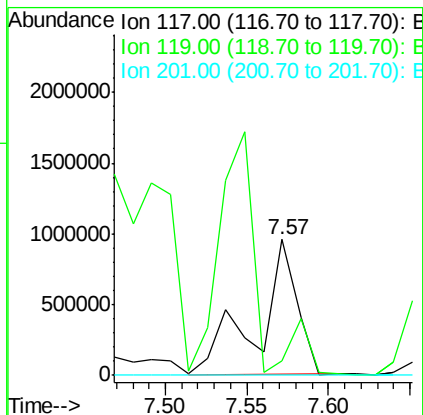
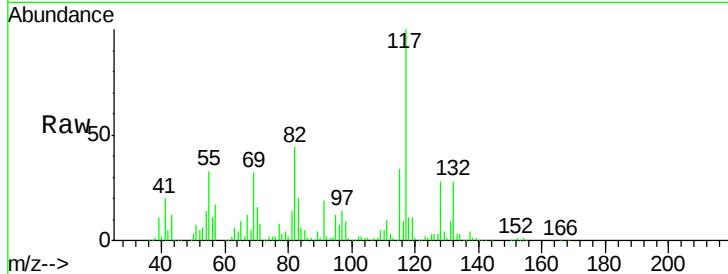




#18
Hexachloroethane
Concen: 225.03 ng
RT: 7.57 min Scan# 458
Delta R.T. 0.05 min
Lab File: BF090454.D
Acq: 7 Oct 2016 20:08

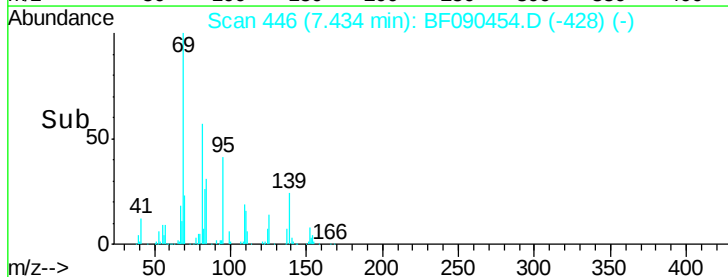
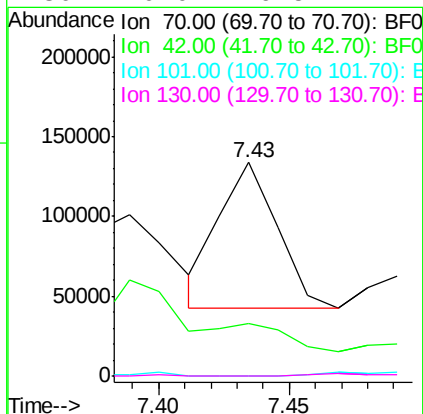
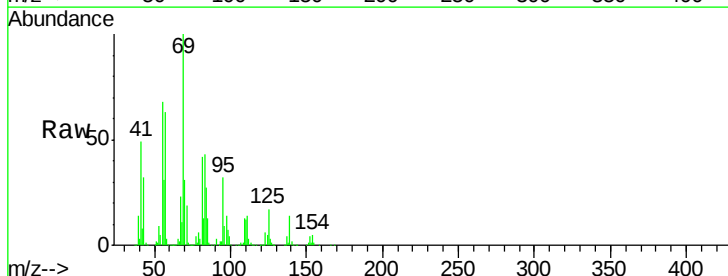
Instrument :
BNA_F
ClientSampled :
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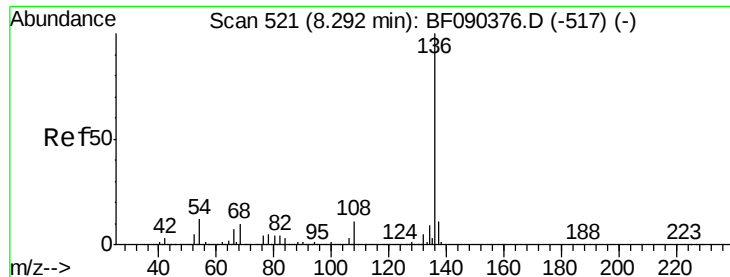
Tgt Ion:117 Resp: 1606461
Ion Ratio Lower Upper
117 100
119 10.8 75.9 113.9#
201 0.0 66.5 99.7#



#19
n-Nitroso-di-n-propylamine
Concen: 9.14 ng
RT: 7.43 min Scan# 446
Delta R.T. 0.01 min
Lab File: BF090454.D
Acq: 7 Oct 2016 20:08

Tgt Ion: 70 Resp: 142592
Ion Ratio Lower Upper
70 100
42 24.9 55.4 83.2#
101 0.0 7.6 11.4#
130 0.0 16.5 24.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.29 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF090454.D

Acq: 7 Oct 2016 20:08

Instrument :

BNA_F

ClientSampleId :

T-5

Tgt Ion:136 Resp: 712288

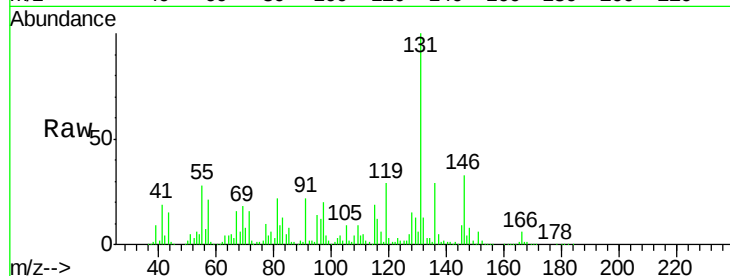
Ion Ratio Lower Upper

136 100

137 16.4 9.0 13.6#

54 17.0 6.6 10.0#

68 22.1 5.0 7.6#

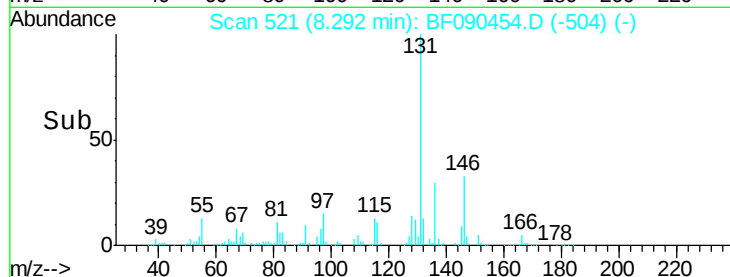


Abundance Ion 136.00 (135.70 to 136.70): E

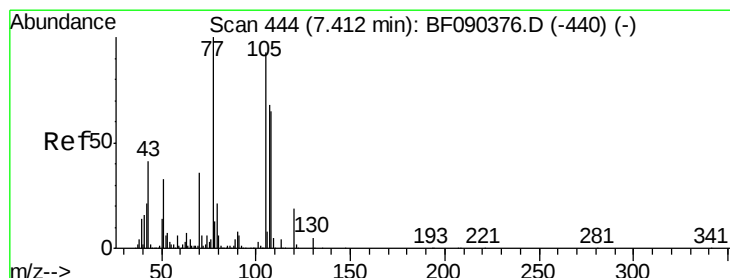
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 91.62 ng

RT: 7.40 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF090454.D

Acq: 7 Oct 2016 20:08

Tgt Ion:105 Resp: 1545748

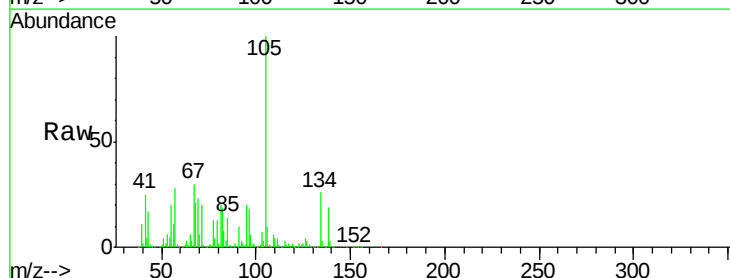
Ion Ratio Lower Upper

105 100

71 19.6 3.8 5.6#

51 4.0 28.2 42.4#

120 0.3 17.4 26.2#

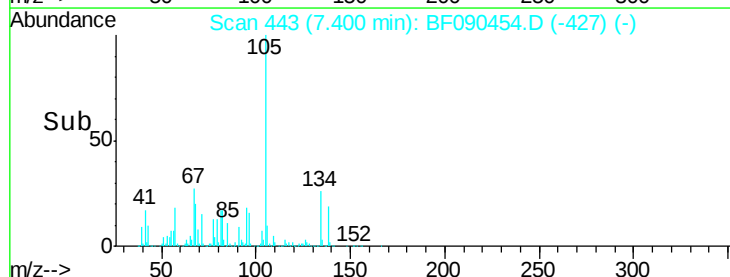


Abundance Ion 105.00 (104.70 to 105.70): E

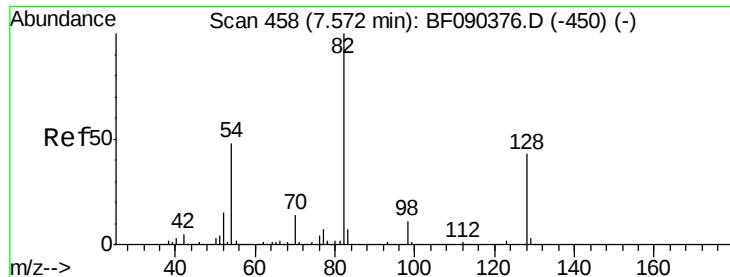
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



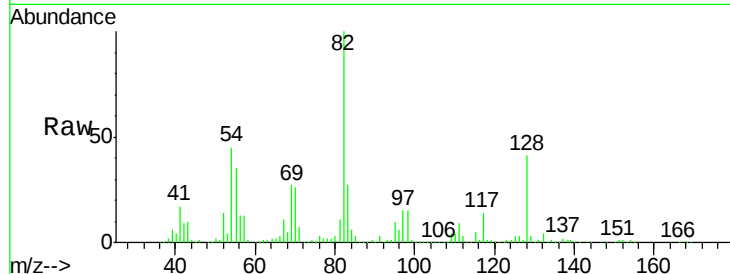
Time-->



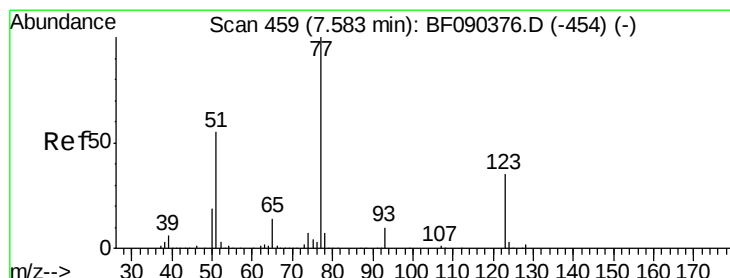
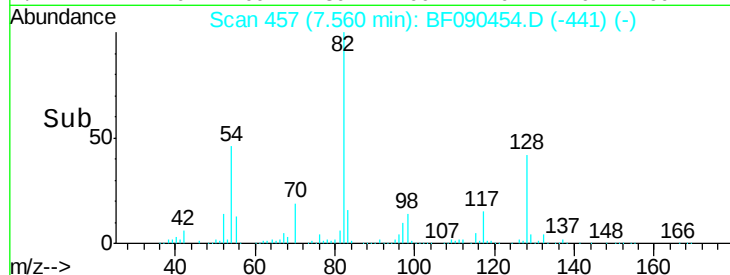
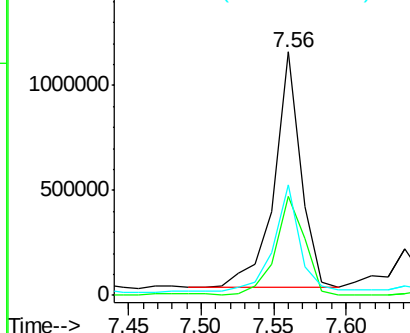
#23
 Nitrobenzene-d5
 Concen: 97.90 ng
 RT: 7.56 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF090454.D
 Acq: 7 Oct 2016 20:08

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion: 82 Resp: 1433566
 Ion Ratio Lower Upper
 82 100
 128 40.9 40.0 60.0
 54 45.4 42.6 64.0

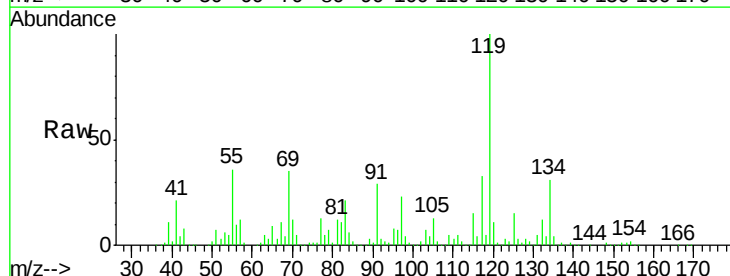


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

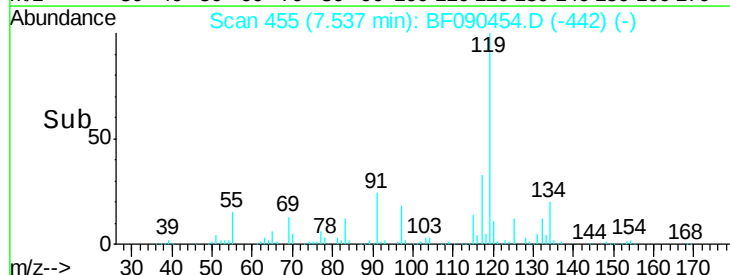
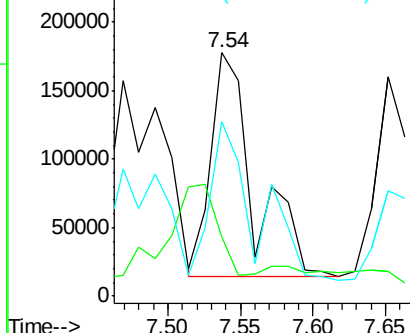


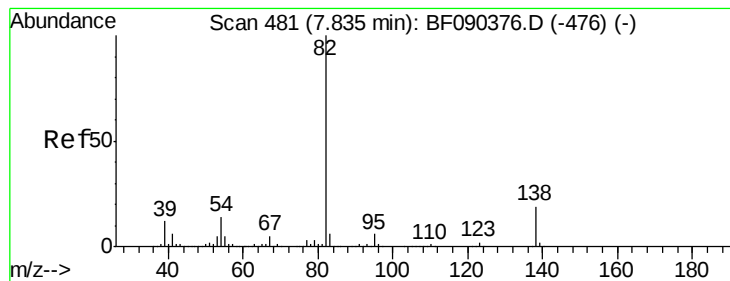
#24
 Nitrobenzene
 Concen: 23.33 ng
 RT: 7.54 min Scan# 455
 Delta R.T. -0.05 min
 Lab File: BF090454.D
 Acq: 7 Oct 2016 20:08

Tgt Ion: 77 Resp: 339208
 Ion Ratio Lower Upper
 77 100
 123 24.5 33.0 49.4#
 65 71.8 12.0 18.0#



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





#25

Isophorone

Concen: 16.34 ng

RT: 7.82 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF090454.D

Acq: 7 Oct 2016 20:08

Instrument :

BNA_F

ClientSampleId :

T-5

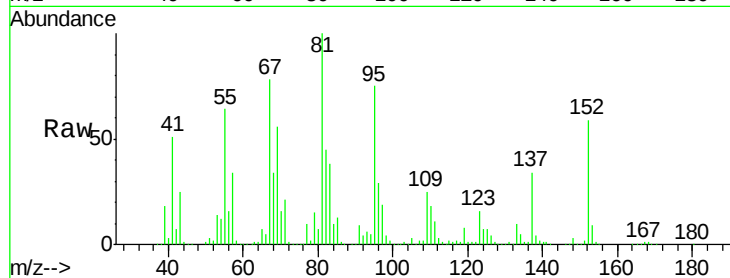
Tgt Ion: 82 Resp: 437363

Ion Ratio Lower Upper

82 100

95 166.3 5.2 7.8#

138 9.5 13.0 19.4#

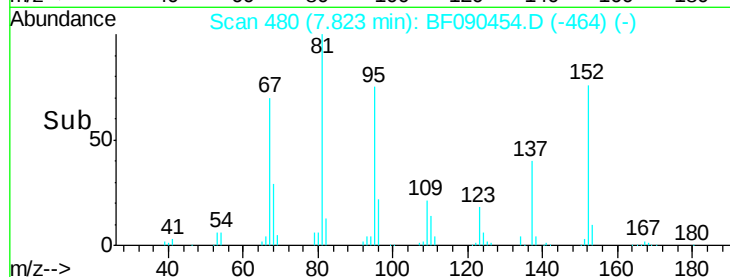


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

Time-->

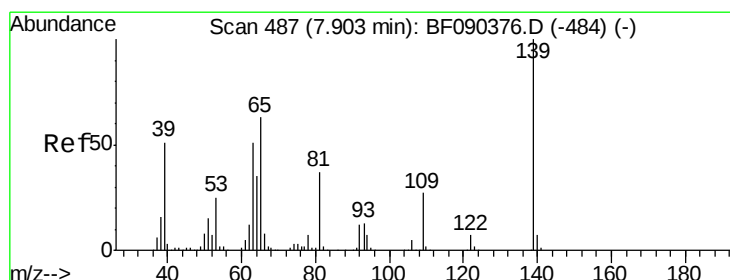


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

Time-->



#26

2-Nitrophenol

Concen: 7.02 ng

RT: 7.91 min Scan# 488

Delta R.T. 0.01 min

Lab File: BF090454.D

Acq: 7 Oct 2016 20:08

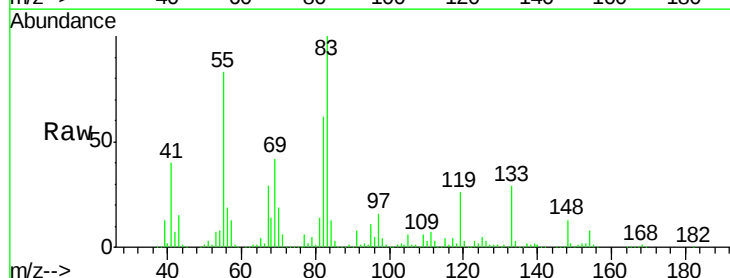
Tgt Ion: 139 Resp: 43917

Ion Ratio Lower Upper

139 100

109 260.9 18.9 28.3#

65 192.4 31.6 47.4#

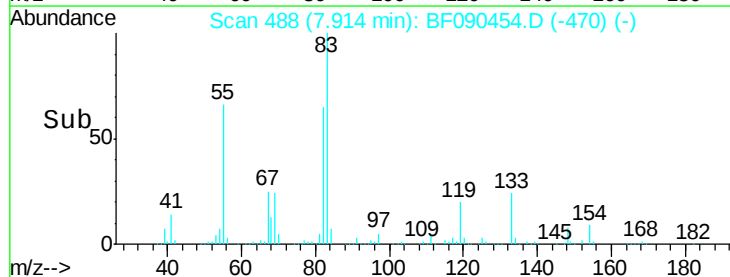


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Time-->

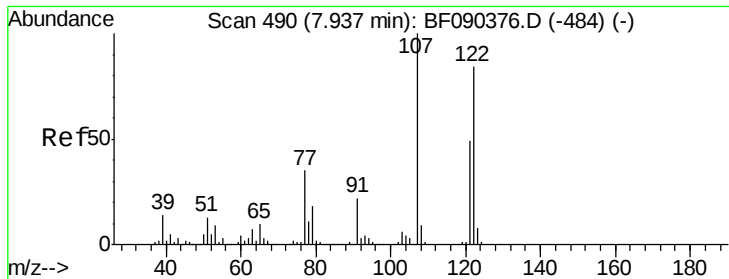


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

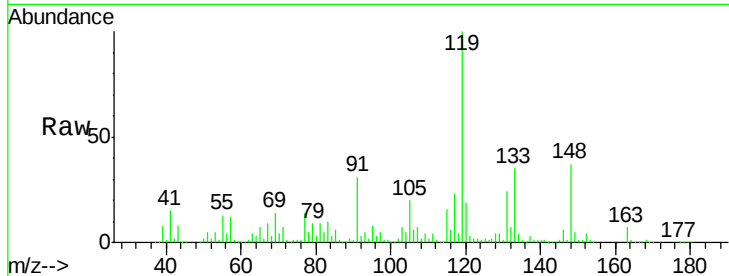
Time-->



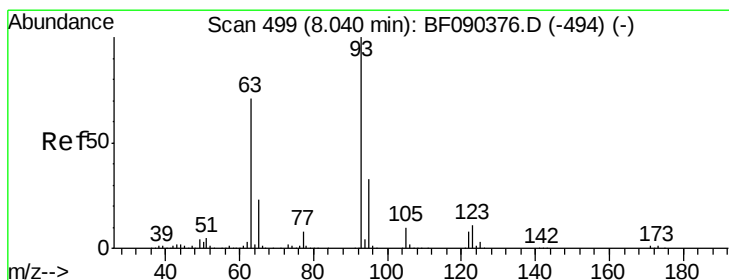
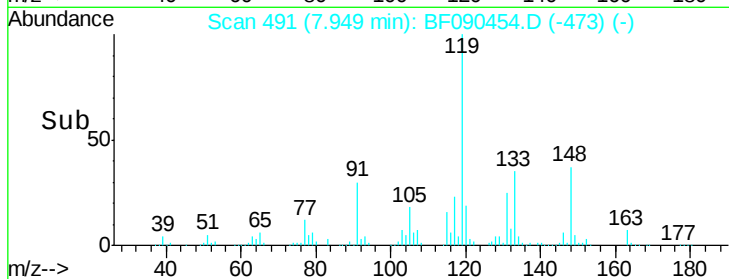
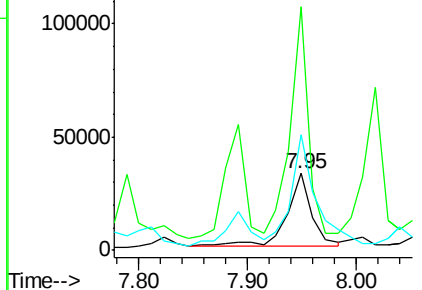
#27
 2,4-Dimethylphenol
 Concen: 4.21 ng
 RT: 7.95 min Scan# 491
 Delta R.T. 0.01 min
 Lab File: BF090454.D
 Acq: 7 Oct 2016 20:08

Instrument :
 BNA_F
 ClientSampleId :
 T-5

Tgt Ion: 122 Resp: 51195
 Ion Ratio Lower Upper
 122 100
 107 316.0 88.6 132.8#
 121 149.9 47.5 71.3#

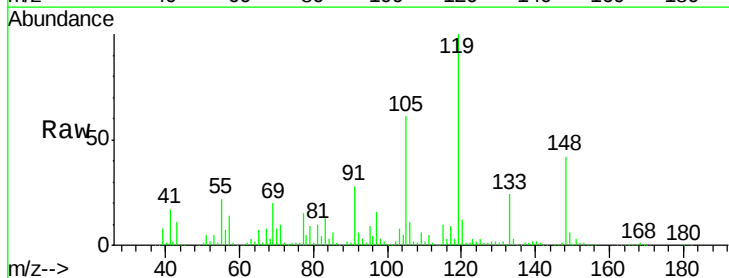


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

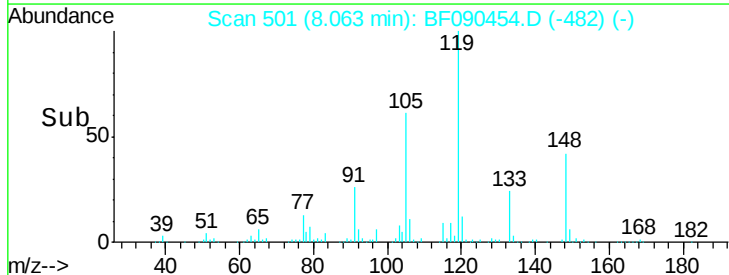
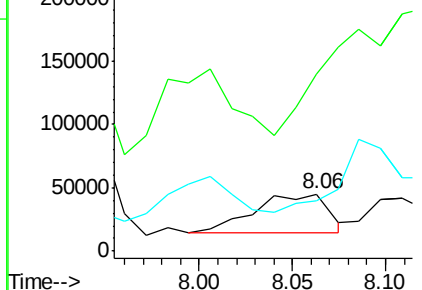


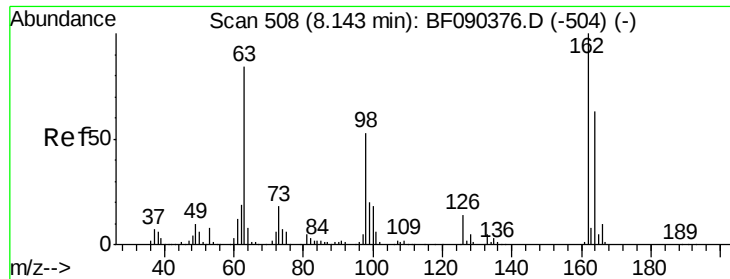
#28
 bis(2-Chloroethoxy)methane
 Concen: 5.14 ng
 RT: 8.06 min Scan# 501
 Delta R.T. 0.02 min
 Lab File: BF090454.D
 Acq: 7 Oct 2016 20:08

Tgt Ion: 93 Resp: 81332
 Ion Ratio Lower Upper
 93 100
 95 310.7 27.0 40.4#
 123 89.4 11.1 16.7#



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

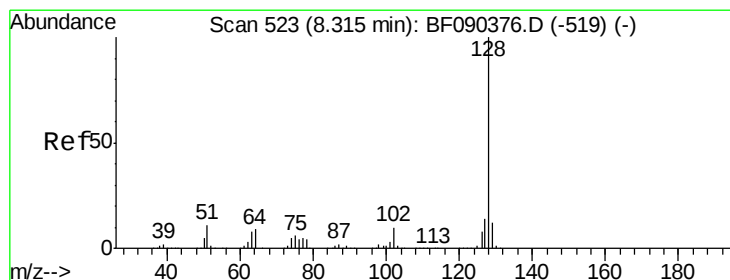
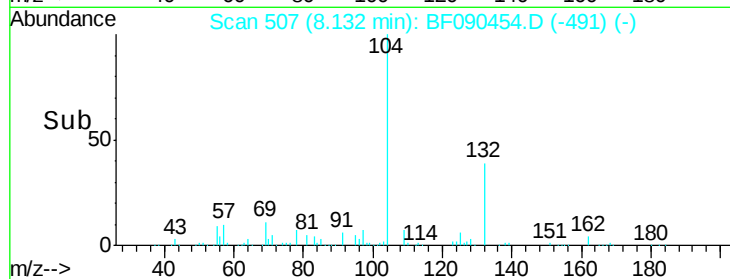
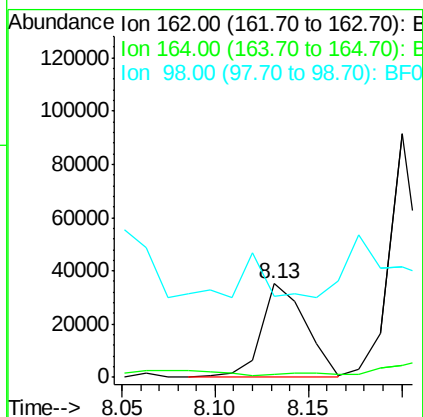
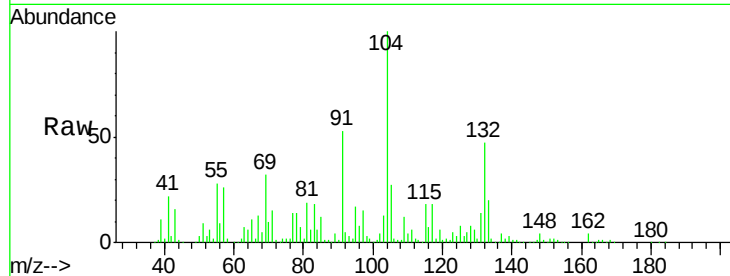




#29
2,4-Dichlorophenol
Concen: 6.29 ng
RT: 8.13 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF090454.D
Acq: 7 Oct 2016 20:08

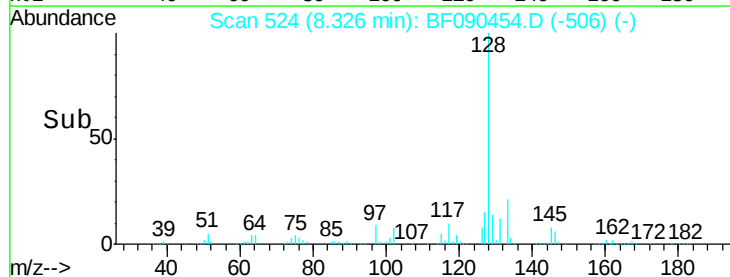
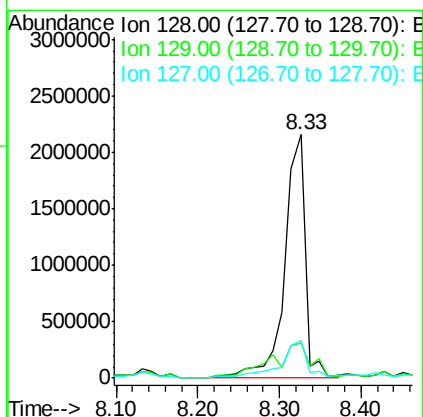
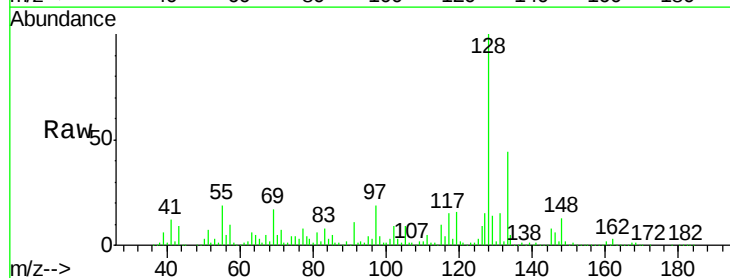
Instrument :
BNA_F
ClientSampleId :
T-5

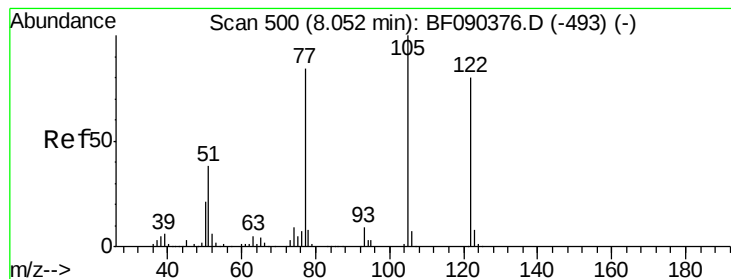
Tgt Ion:162 Resp: 58209
Ion Ratio Lower Upper
162 100
164 3.5 45.7 85.7#
98 86.4 13.3 53.3#



#31
Naphthalene
Concen: 108.64 ng
RT: 8.33 min Scan# 524
Delta R.T. 0.01 min
Lab File: BF090454.D
Acq: 7 Oct 2016 20:08

Tgt Ion:128 Resp: 3733318
Ion Ratio Lower Upper
128 100
129 14.5 9.7 14.5
127 15.4 11.7 17.5





#32

Benzoic acid

Concen: 4.97 ng

RT: 8.09 min Scan# 503

Delta R.T. 0.03 min

Lab File: BF090454.D

Acq: 7 Oct 2016 20:08

Instrument :

BNA_F

ClientSampleId :

T-5

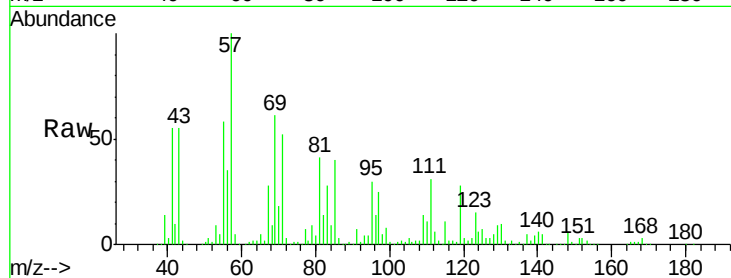
Tgt Ion:122 Resp: 42010

Ion Ratio Lower Upper

122 100

105 118.3 103.9 143.9

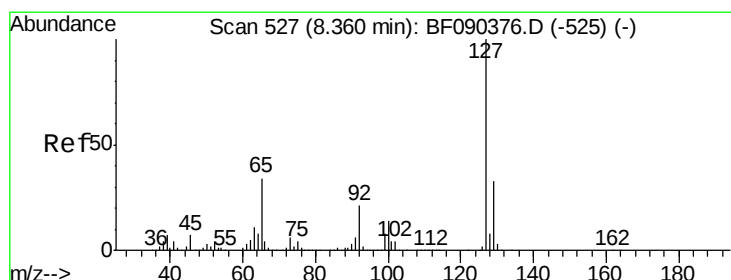
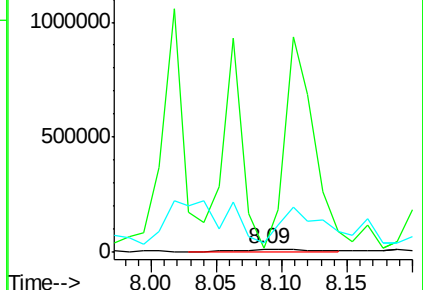
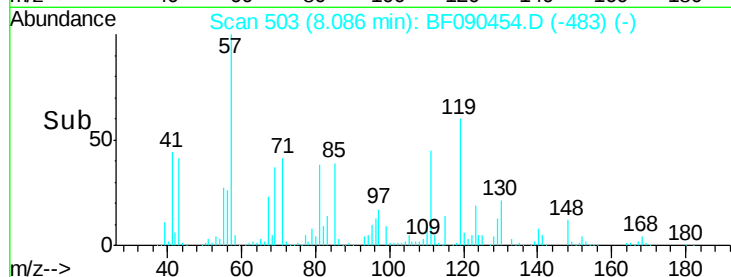
77 276.2 74.6 114.6#



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: 50.96 ng

RT: 8.33 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF090454.D

Acq: 7 Oct 2016 20:08

Tgt Ion:127 Resp: 723819

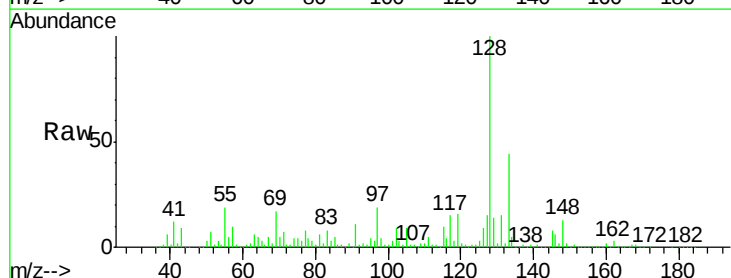
Ion Ratio Lower Upper

127 100

129 94.0 26.2 39.4#

65 21.5 32.5 48.7#

92 7.3 17.2 25.8#

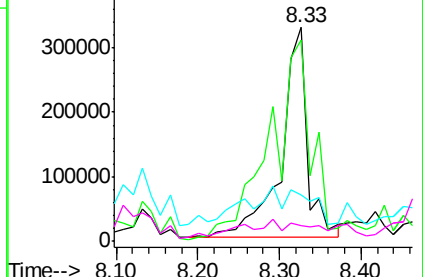
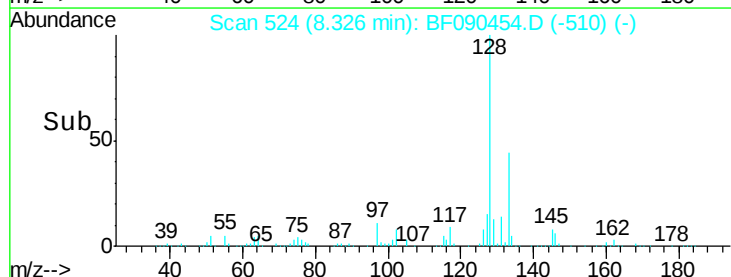


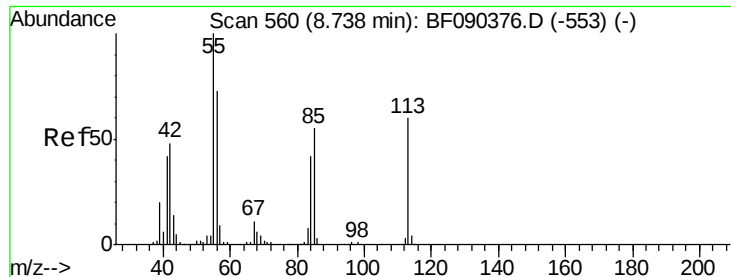
Abundance Ion 127.00 (126.70 to 127.70): E

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





#35

Caprolactam

Concen: 121.16 ng

RT: 8.74 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF090454.D

Acq: 7 Oct 2016 20:08

Instrument :

BNA_F

ClientSampleId :

T-5

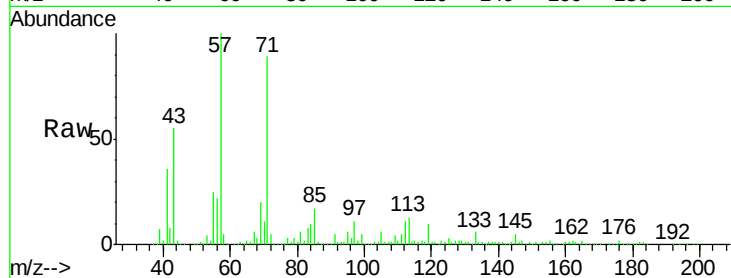
Tgt Ion:113 Resp: 376867

Ion Ratio Lower Upper

113 100

55 191.3 203.3 243.3#

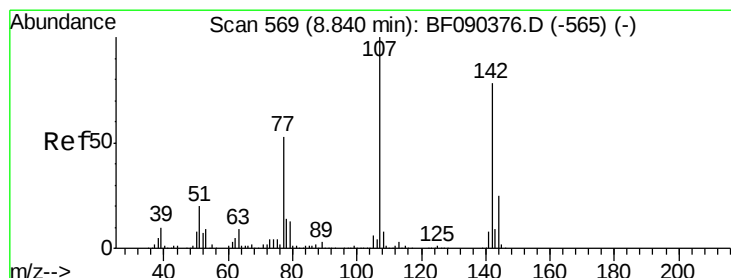
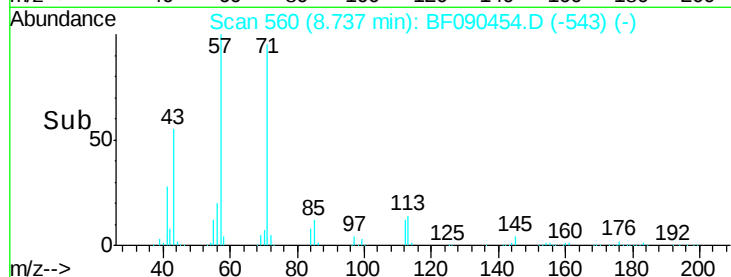
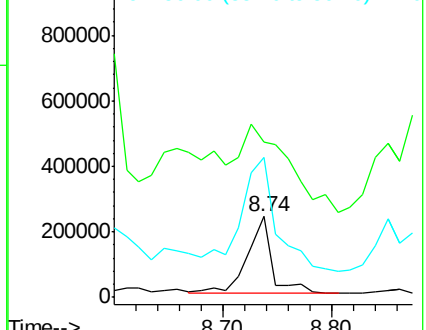
56 172.7 140.5 180.5



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: 7.46 ng

RT: 8.84 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF090454.D

Acq: 7 Oct 2016 20:08

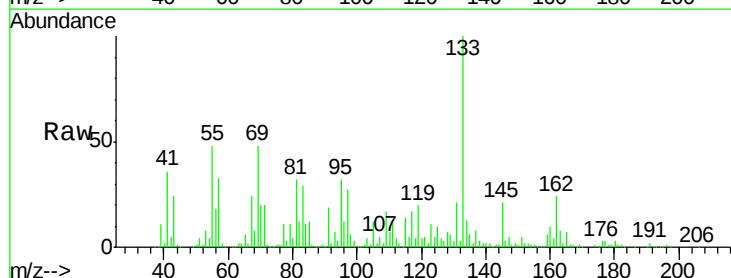
Tgt Ion:107 Resp: 86419

Ion Ratio Lower Upper

107 100

144 11.3 19.8 29.8#

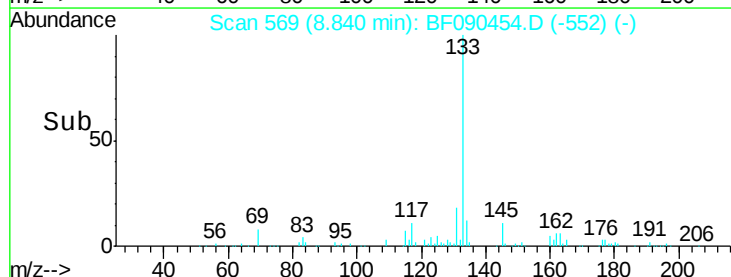
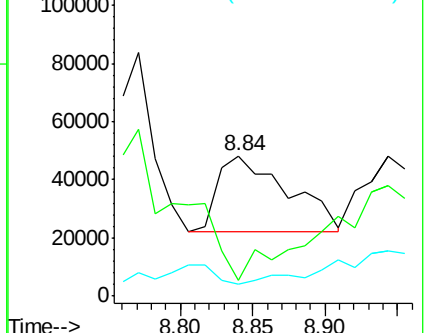
142 8.8 60.7 91.1#

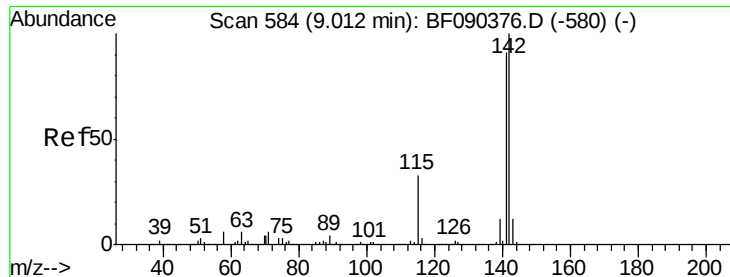


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

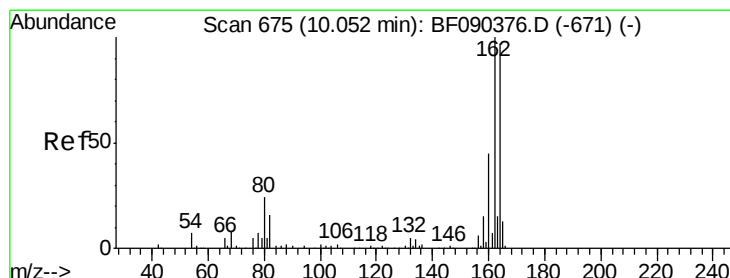
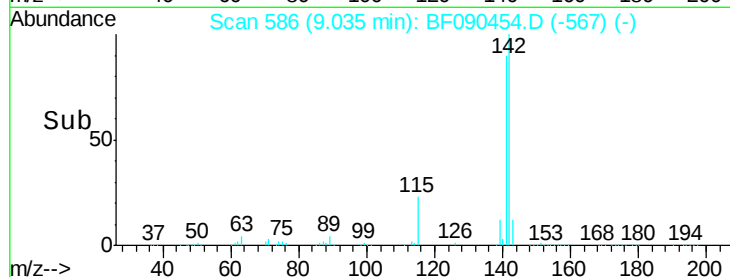
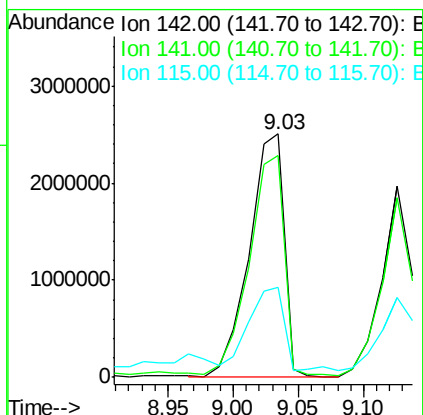
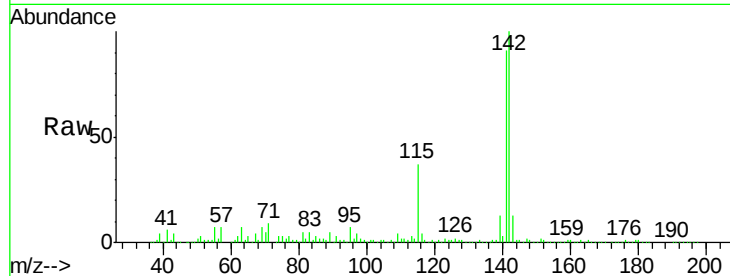




#37
 2-Methylnaphthalene
 Concen: 224.74 ng
 RT: 9.03 min Scan# 586
 Delta R.T. 0.02 min
 Lab File: BF090454.D
 Acq: 7 Oct 2016 20:08

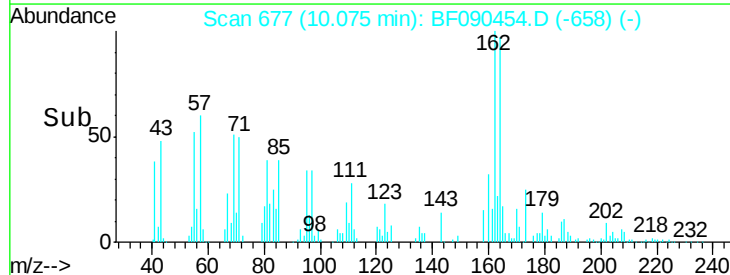
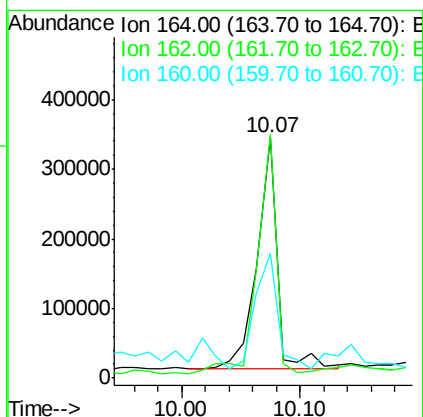
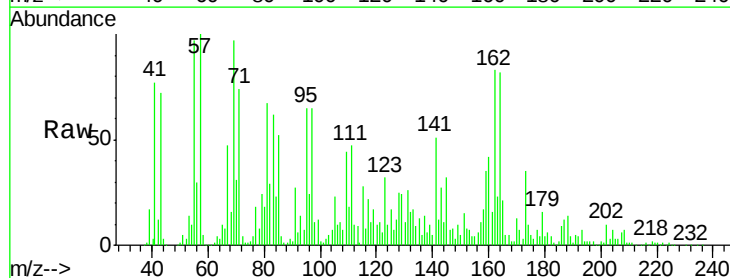
Instrument :
 BNA_F
 ClientSampleId :
 T-5

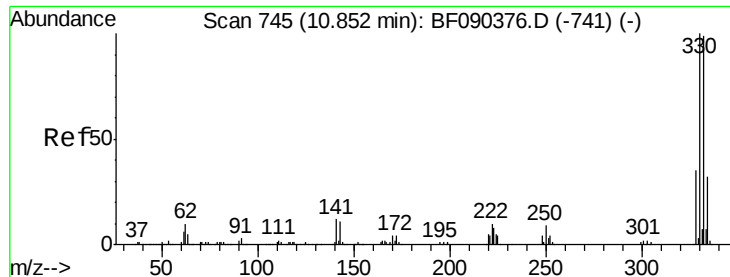
Tgt Ion:142 Resp: 4674818
 Ion Ratio Lower Upper
 142 100
 141 91.2 71.8 107.8
 115 37.1 28.8 43.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.07 min Scan# 677
 Delta R.T. 0.02 min
 Lab File: BF090454.D
 Acq: 7 Oct 2016 20:08

Tgt Ion:164 Resp: 393535
 Ion Ratio Lower Upper
 164 100
 162 101.2 80.1 120.1
 160 51.7 36.3 54.5

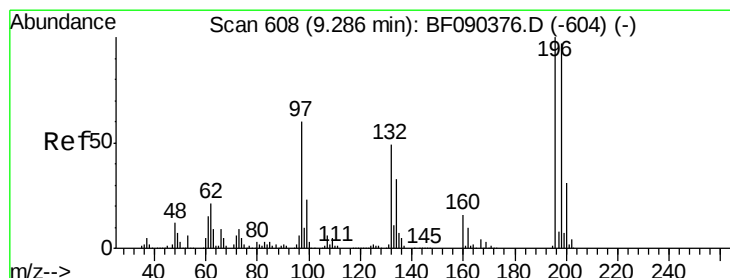
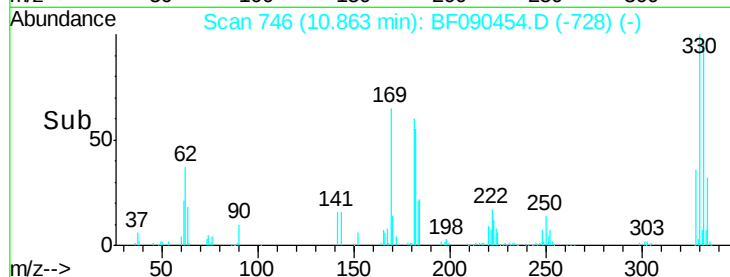
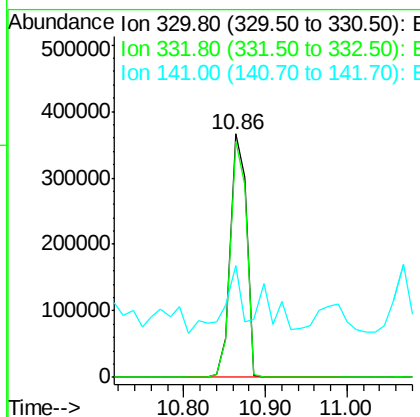
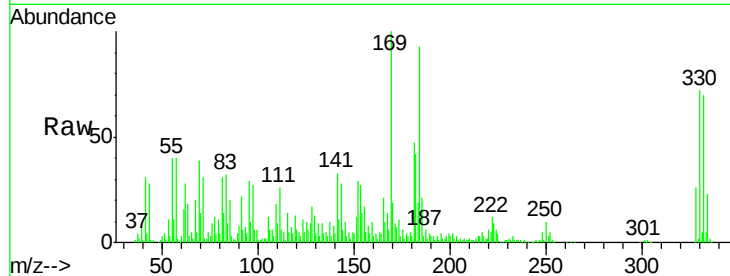




#41
 2,4,6-Tribromophenol
 Concen: 158.18 ng
 RT: 10.86 min Scan# 746
 Delta R.T. 0.01 min
 Lab File: BF090454.D
 Acq: 7 Oct 2016 20:08

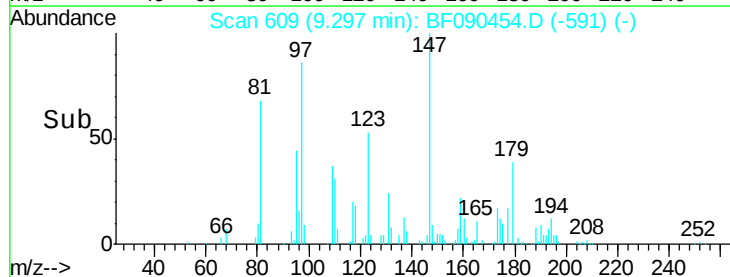
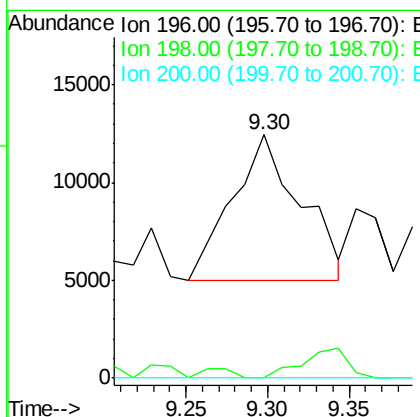
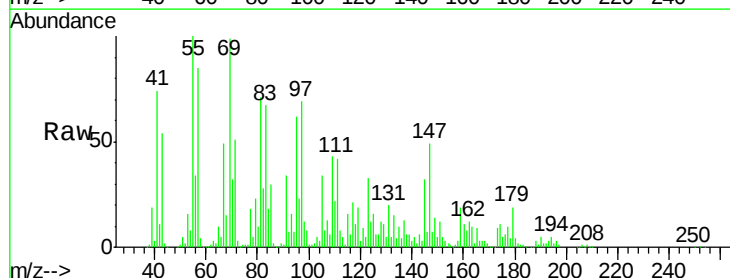
Instrument :
 BNA_F
 ClientSampled :
 T-5

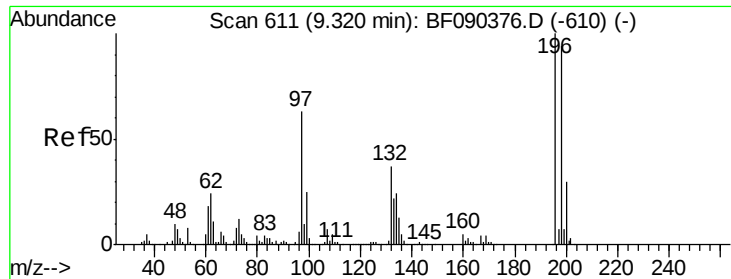
Tgt Ion:330 Resp: 506162
 Ion Ratio Lower Upper
 330 100
 332 96.6 75.4 113.0
 141 26.9 26.9 40.3



#42
 2,4,6-Trichlorophenol
 Concen: 3.01 ng
 RT: 9.30 min Scan# 609
 Delta R.T. 0.01 min
 Lab File: BF090454.D
 Acq: 7 Oct 2016 20:08

Tgt Ion:196 Resp: 21546
 Ion Ratio Lower Upper
 196 100
 198 0.0 78.9 118.3#
 200 0.0 25.4 38.2#





#43

2,4,5-Trichlorophenol

Concen: 3.18 ng

RT: 9.30 min Scan# 609

Delta R.T. -0.02 min

Lab File: BF090454.D

Acq: 7 Oct 2016 20:08

Instrument :

BNA_F

ClientSampleId :

T-5

Tgt Ion:196 Resp: 21546

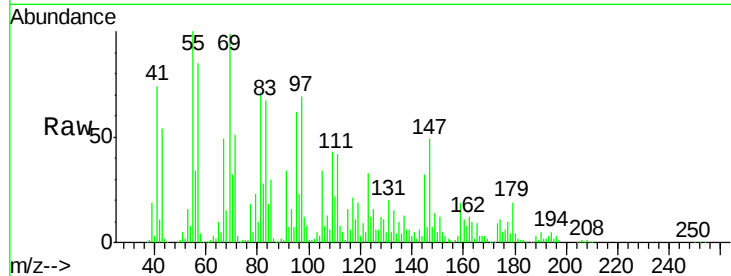
Ion Ratio Lower Upper

196 100

198 0.0 78.1 117.1#

97 2482.8 48.1 72.1#

132 192.5 27.4 41.2#

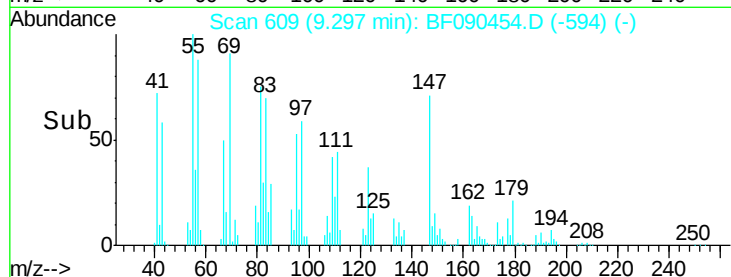


Abundance Ion 196.00 (195.70 to 196.70): E

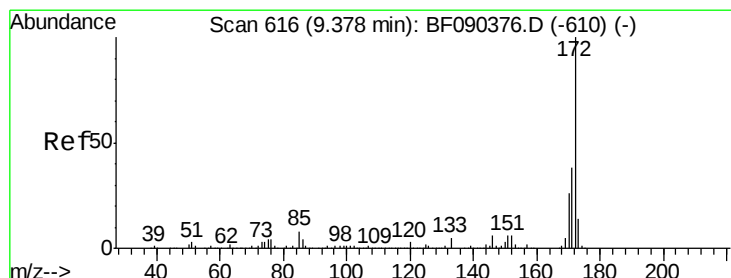
Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



Time-->



#44

2-Fluorobiphenyl

Concen: 79.45 ng

RT: 9.38 min Scan# 616

Delta R.T. -0.00 min

Lab File: BF090454.D

Acq: 7 Oct 2016 20:08

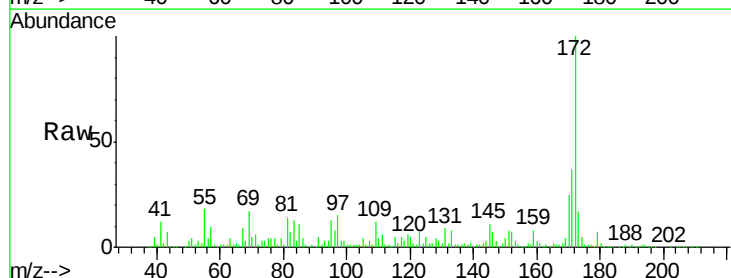
Tgt Ion:172 Resp: 1876629

Ion Ratio Lower Upper

172 100

171 37.2 31.8 47.8

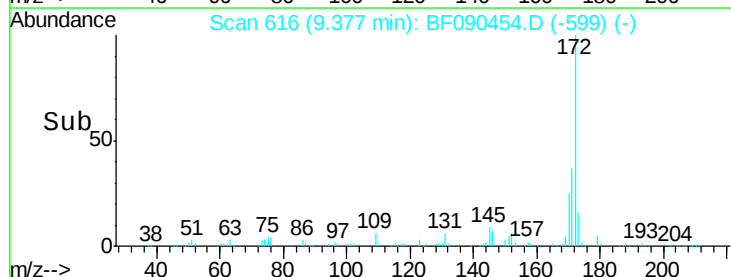
170 24.6 21.7 32.5



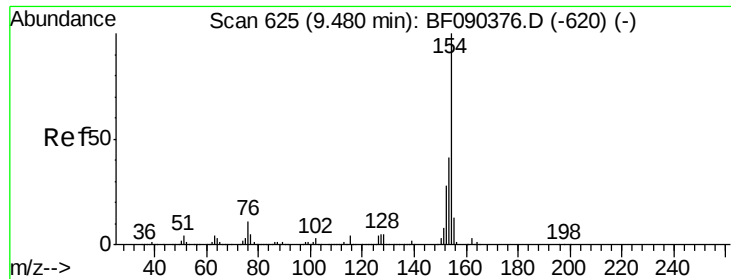
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->



#45

1,1'-Biphenyl

Concen: 31.71 ng

RT: 9.48 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF090454.D

Acq: 7 Oct 2016 20:08

Instrument :

BNA_F

ClientSampleId :

T-5

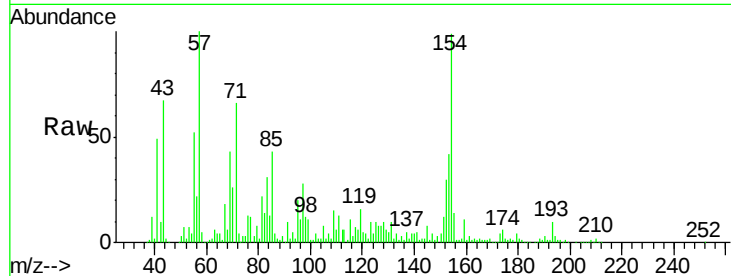
Tgt Ion:154 Resp: 924810

Ion Ratio Lower Upper

154 100

153 42.6 23.8 63.8

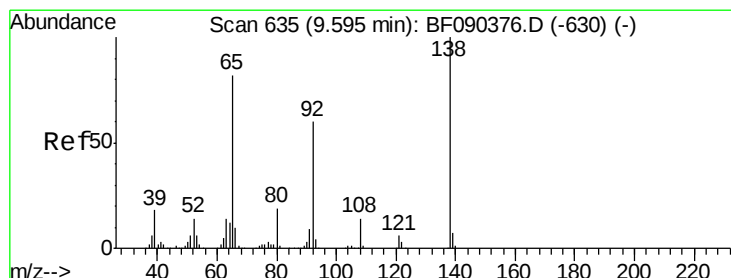
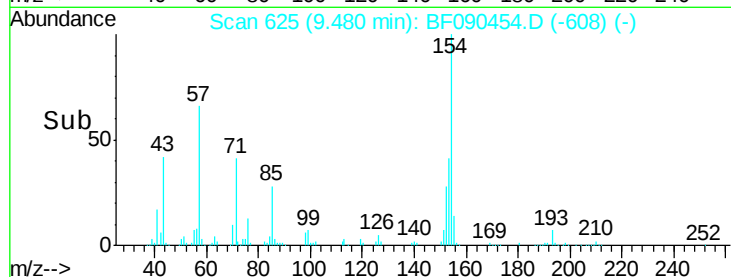
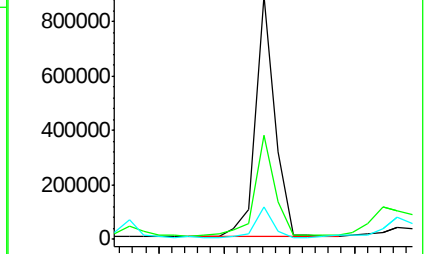
76 13.4 0.0 35.8



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



#47

2-Nitroaniline

Concen: 8.46 ng

RT: 9.54 min Scan# 630

Delta R.T. -0.06 min

Lab File: BF090454.D

Acq: 7 Oct 2016 20:08

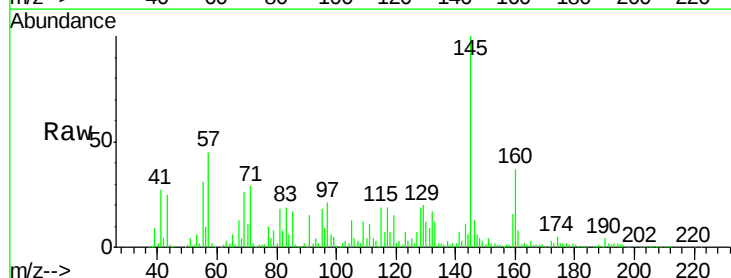
Tgt Ion: 65 Resp: 71957

Ion Ratio Lower Upper

65 100

92 40.3 51.7 77.5#

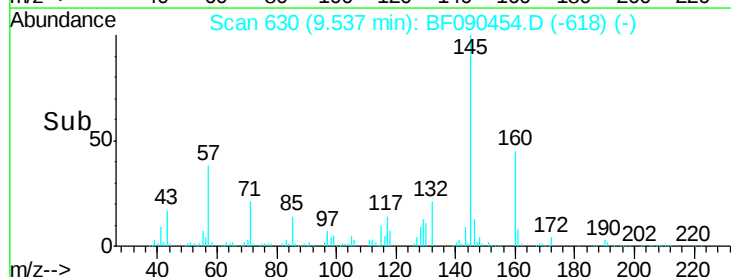
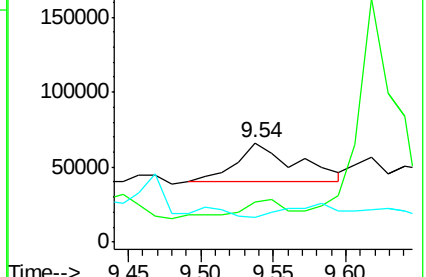
138 25.3 79.0 118.4#

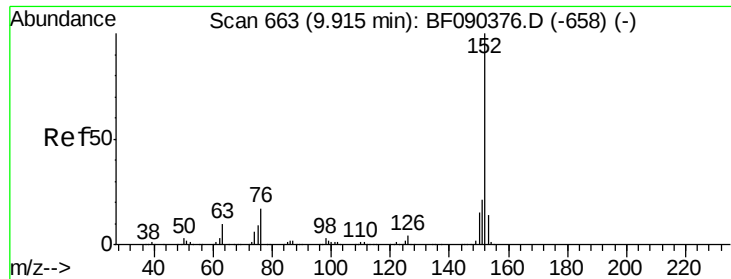


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 5.23 ng

RT: 9.94 min Scan# 665

Delta R.T. 0.02 min

Lab File: BF090454.D

Acq: 7 Oct 2016 20:08

Instrument :

BNA_F

ClientSampleId :

T-5

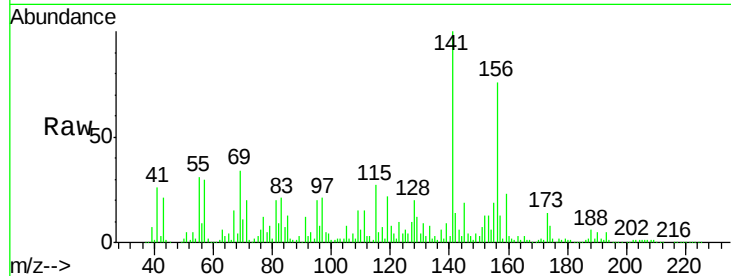
Tgt Ion:152 Resp: 185997

Ion Ratio Lower Upper

152 100

151 51.1 17.4 26.0#

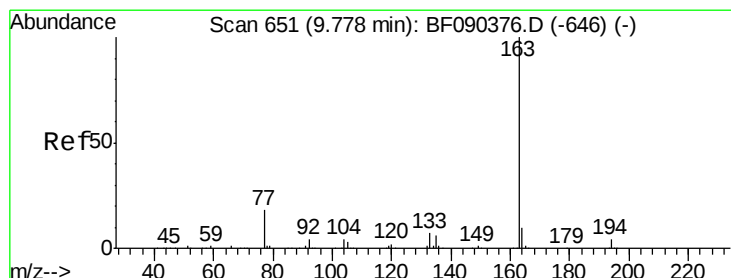
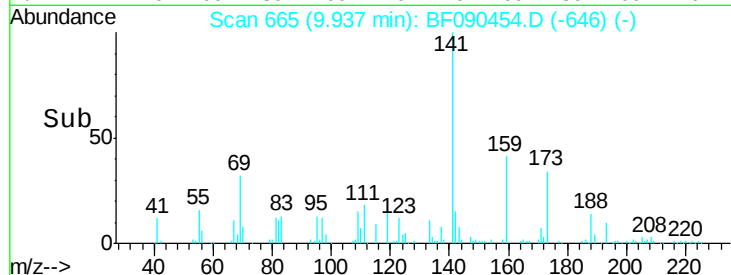
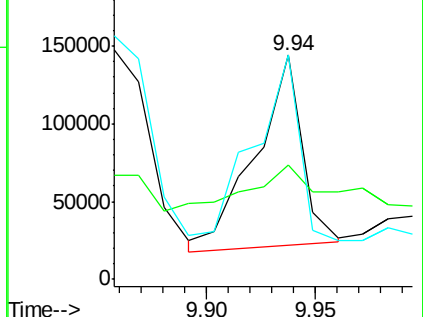
153 100.0 11.6 17.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 18.64 ng

RT: 9.78 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF090454.D

Acq: 7 Oct 2016 20:08

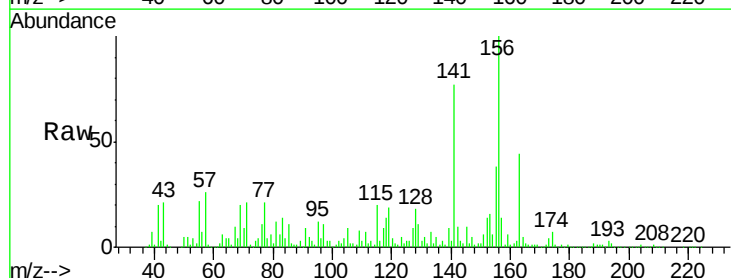
Tgt Ion:163 Resp: 469666

Ion Ratio Lower Upper

163 100

194 5.1 2.8 4.2#

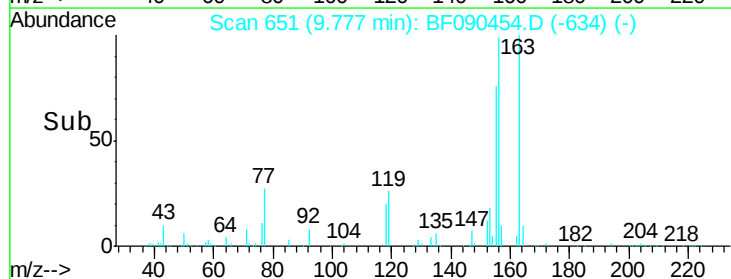
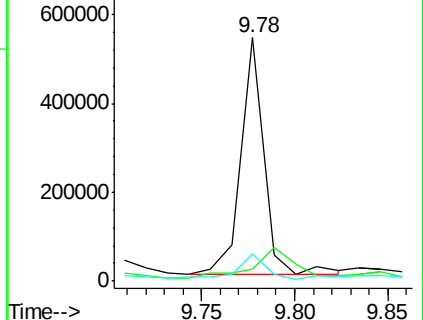
164 11.5 9.0 13.4

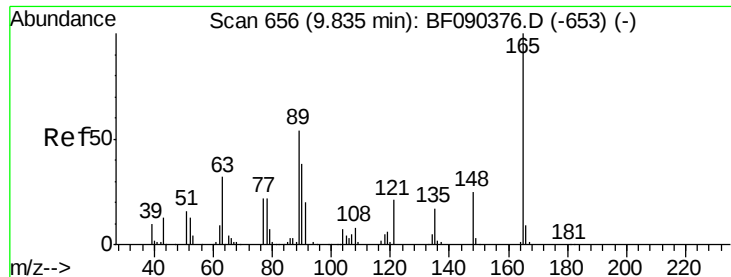


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 12.09 ng

RT: 9.85 min Scan# 657

Delta R.T. 0.01 min

Lab File: BF090454.D

Acq: 7 Oct 2016 20:08

Instrument :

BNA_F

ClientSampleId :

T-5

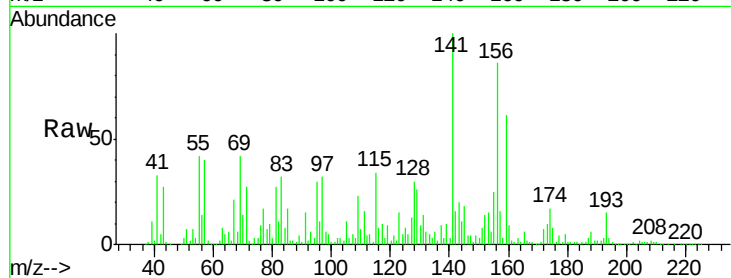
Tgt Ion:165 Resp: 67648

Ion Ratio Lower Upper

165 100

63 135.7 58.0 87.0#

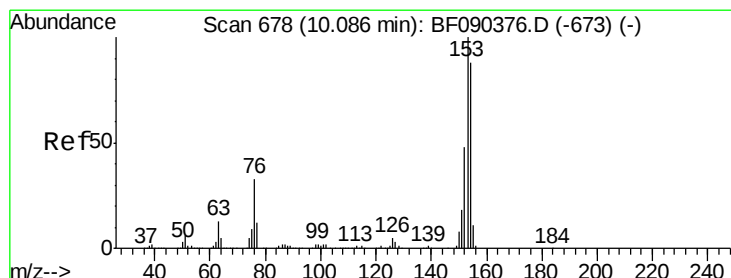
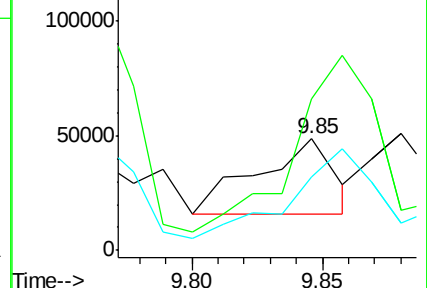
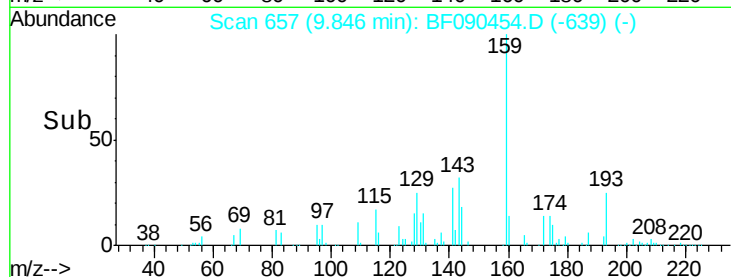
89 65.7 51.2 76.8



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: 12.13 ng

RT: 10.11 min Scan# 680

Delta R.T. 0.02 min

Lab File: BF090454.D

Acq: 7 Oct 2016 20:08

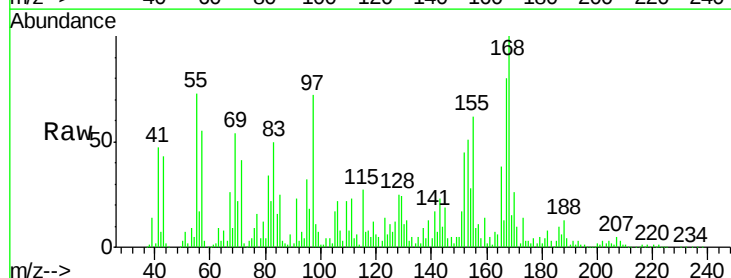
Tgt Ion:154 Resp: 268806

Ion Ratio Lower Upper

154 100

153 182.9 88.6 133.0#

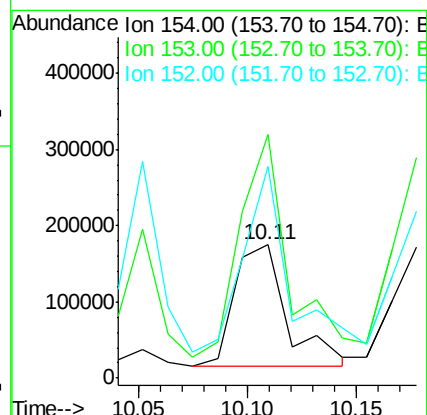
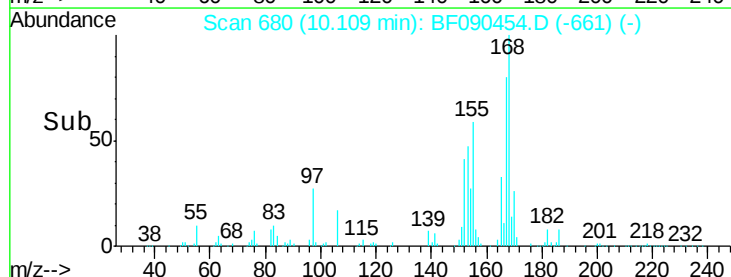
152 159.0 42.6 64.0#

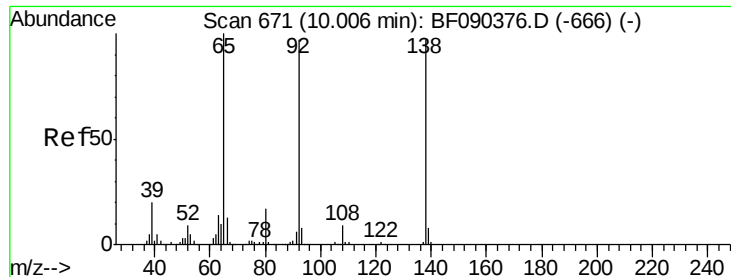


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

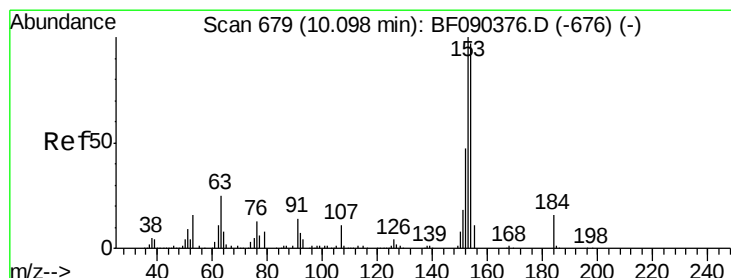
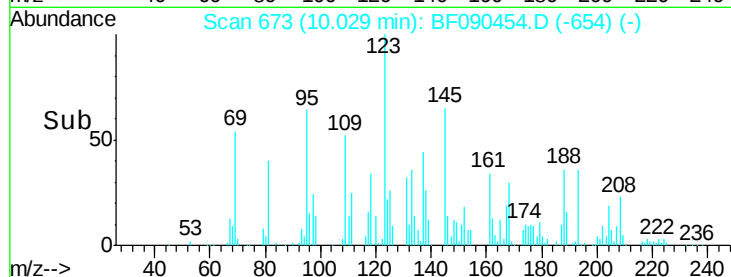
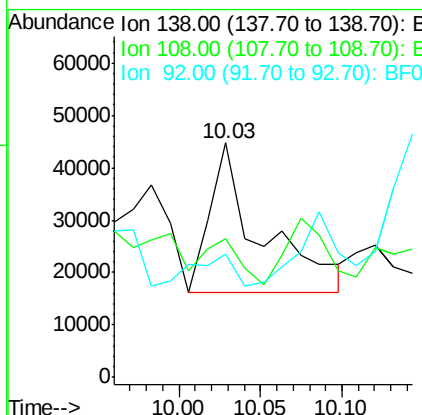
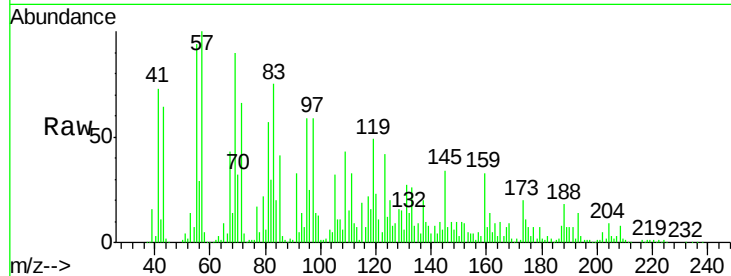




#52
 3-Nitroaniline
 Concen: 9.57 ng
 RT: 10.03 min Scan# 673
 Delta R.T. 0.02 min
 Lab File: BF090454.D
 Acq: 7 Oct 2016 20:08

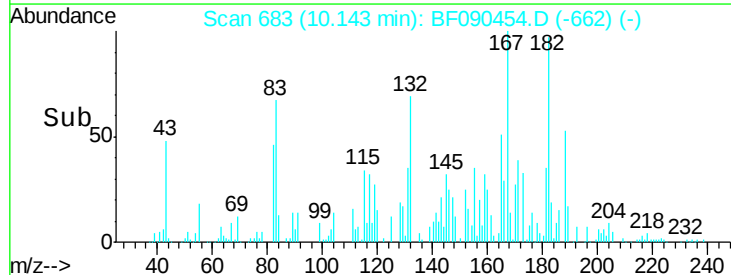
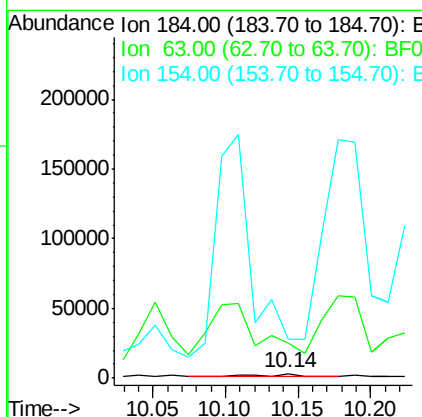
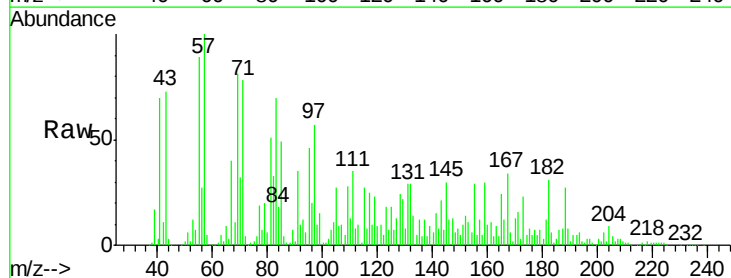
Instrument :
 BNA_F
 ClientSampleId :
 T-5

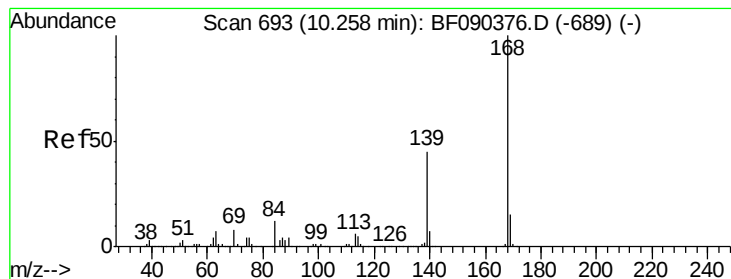
Tgt Ion:138 Resp: 62579
 Ion Ratio Lower Upper
 138 100
 108 59.2 9.7 14.5#
 92 52.7 97.1 145.7#



#53
 2,4-Dinitrophenol
 Concen: 2.02 ng
 RT: 10.14 min Scan# 683
 Delta R.T. 0.05 min
 Lab File: BF090454.D
 Acq: 7 Oct 2016 20:08

Tgt Ion:184 Resp: 5046
 Ion Ratio Lower Upper
 184 100
 63 801.3 41.9 62.9#
 154 863.8 48.9 73.3#





#54

Dibenzofuran

Concen: 9.58 ng

RT: 10.28 min Scan# 695

Delta R.T. 0.02 min

Lab File: BF090454.D

Acq: 7 Oct 2016 20:08

Instrument :

BNA_F

ClientSampleId :

T-5

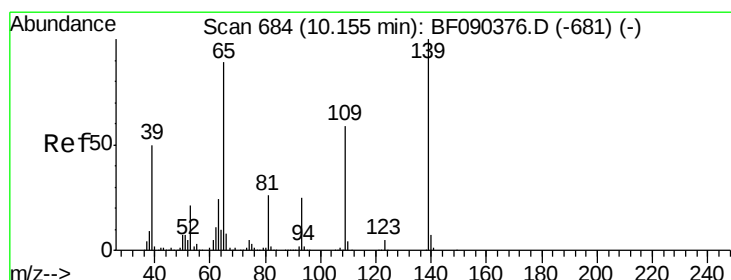
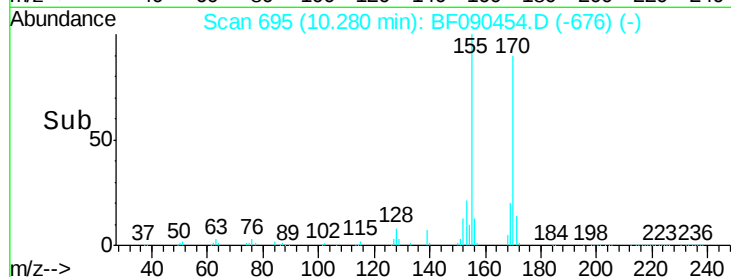
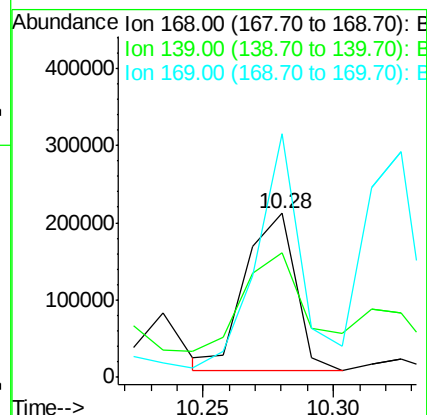
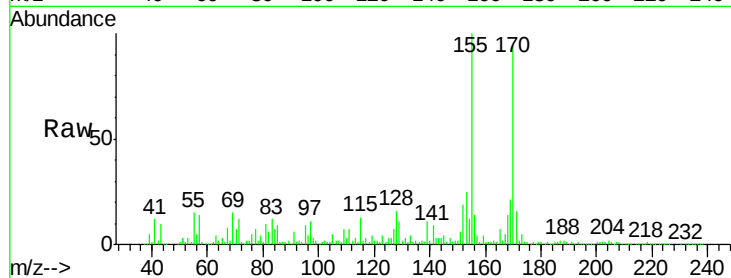
Tgt Ion:168 Resp: 274786

Ion Ratio Lower Upper

168 100

139 75.8 29.6 44.4#

169 148.6 11.3 16.9#



#55

4-Nitrophenol

Concen: 41.23 ng

RT: 10.18 min Scan# 686

Delta R.T. 0.02 min

Lab File: BF090454.D

Acq: 7 Oct 2016 20:08

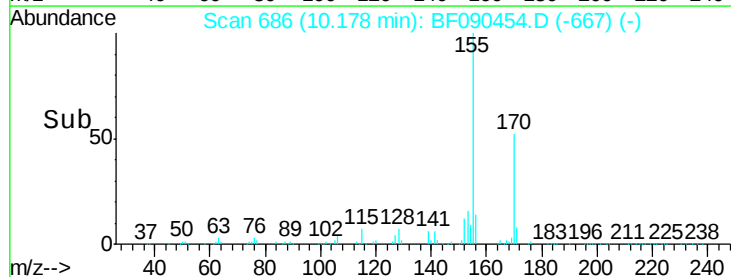
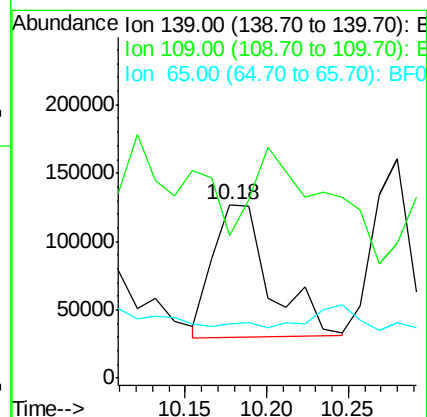
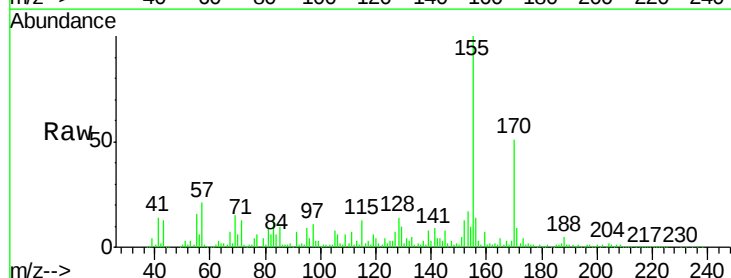
Tgt Ion:139 Resp: 235813

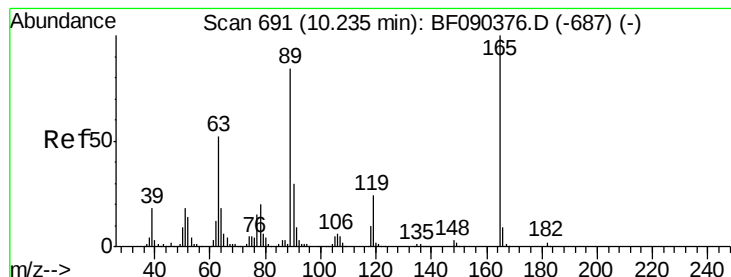
Ion Ratio Lower Upper

139 100

109 82.4 43.6 83.6

65 31.1 87.5 127.5#





#56

2,4-Dinitrotoluene

Concen: 4.19 ng

RT: 10.25 min Scan# 692

Delta R.T. 0.01 min

Lab File: BF090454.D

Acq: 7 Oct 2016 20:08

Instrument :

BNA_F

ClientSampleId :

T-5

Tgt Ion:165 Resp: 31226

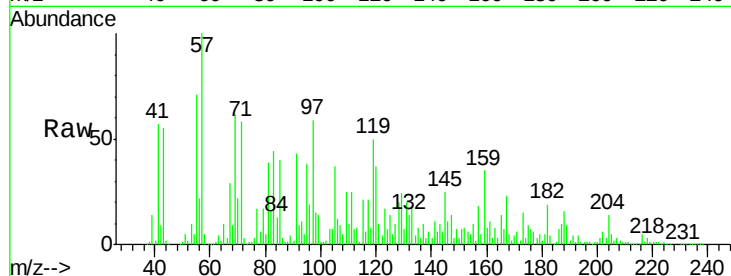
Ion Ratio Lower Upper

165 100

63 28.3 17.8 26.6#

89 30.7 33.2 49.8#

182 129.4 2.1 3.1#

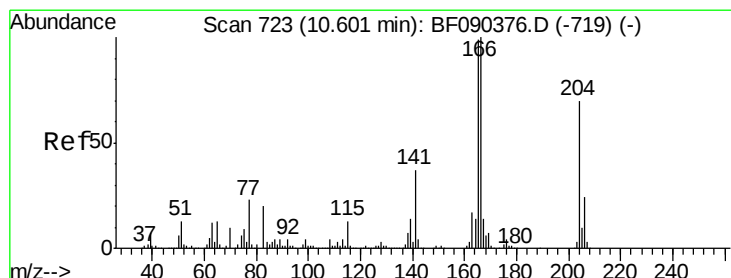
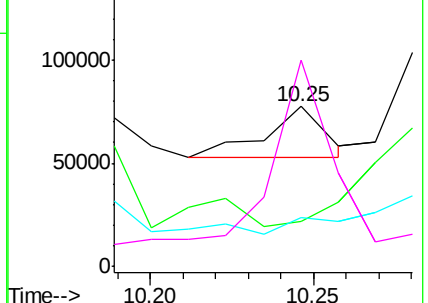
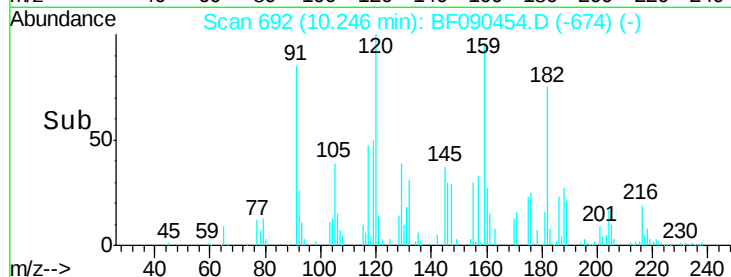


Abundance Ion 165.00 (164.70 to 165.70): E

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: 30.72 ng

RT: 10.62 min Scan# 725

Delta R.T. 0.02 min

Lab File: BF090454.D

Acq: 7 Oct 2016 20:08

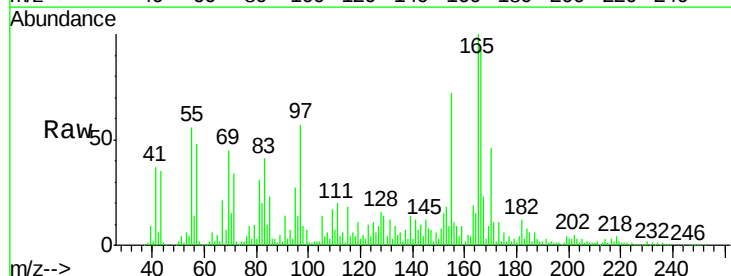
Tgt Ion:166 Resp: 740766

Ion Ratio Lower Upper

166 100

165 106.3 79.2 118.8

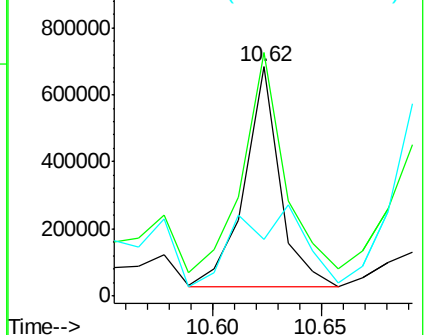
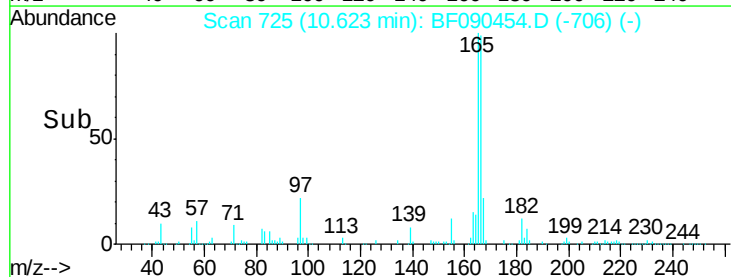
167 24.8 11.1 16.7#

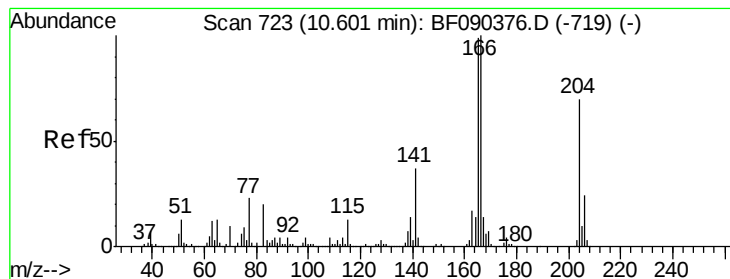


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#60

4-Chlorophenyl-phenylether

Concen: 2.83 ng

RT: 10.68 min Scan# 730

Delta R.T. 0.08 min

Lab File: BF090454.D

Acq: 7 Oct 2016 20:08

Instrument :

BNA_F

ClientSampled :

T-5

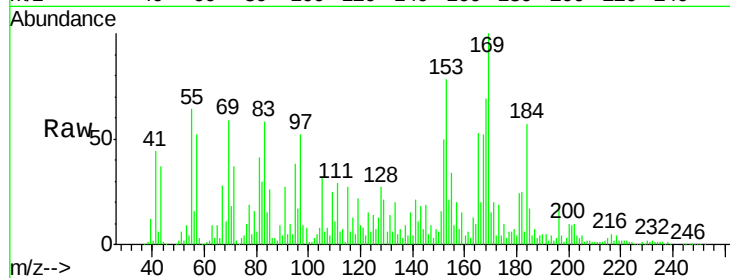
Tgt Ion:204 Resp: 31006

Ion Ratio Lower Upper

204 100

206 42.7 26.7 40.1#

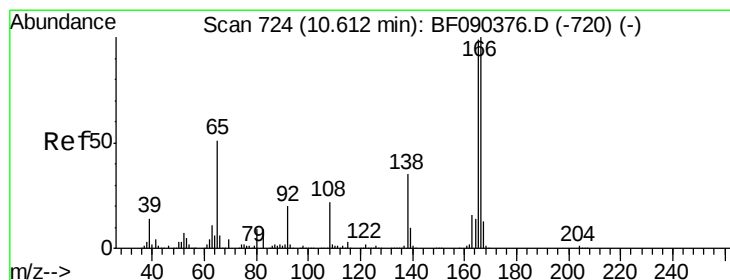
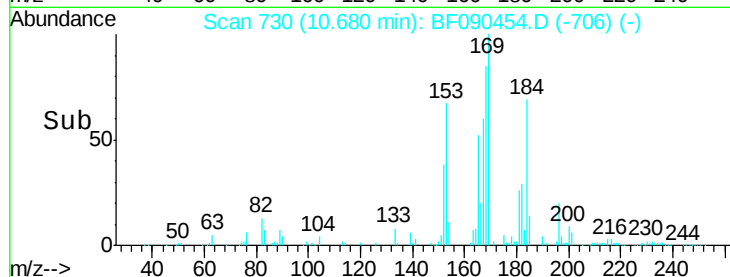
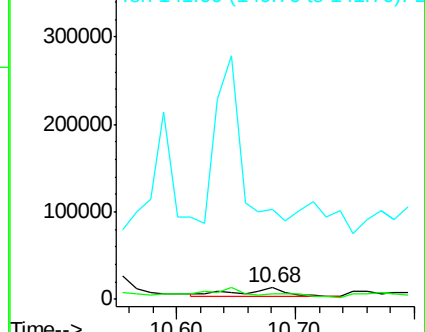
141 757.5 51.7 77.5#



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: 7.06 ng

RT: 10.53 min Scan# 717

Delta R.T. -0.08 min

Lab File: BF090454.D

Acq: 7 Oct 2016 20:08

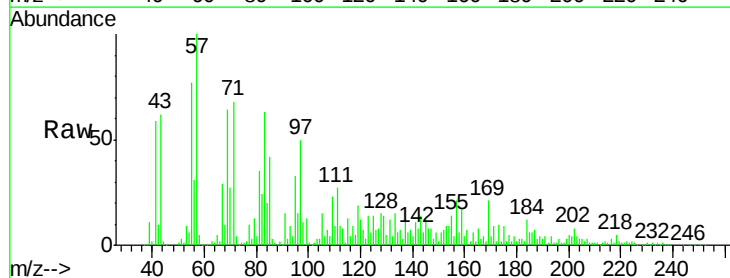
Tgt Ion:138 Resp: 46494

Ion Ratio Lower Upper

138 100

92 53.0 33.2 73.2

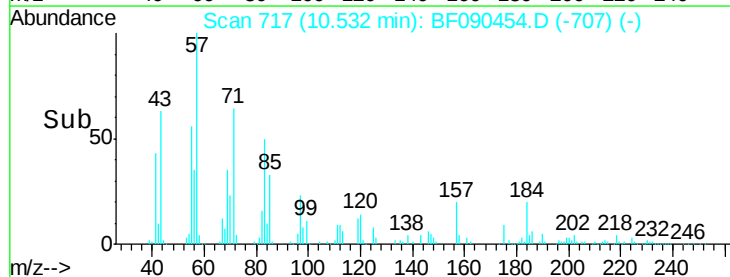
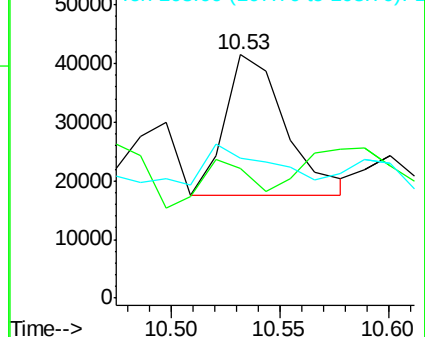
108 57.3 48.5 88.5

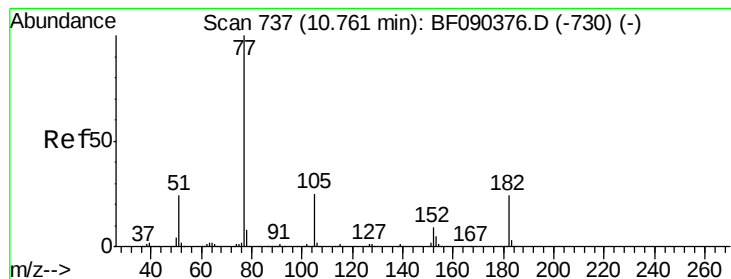


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 5.98 ng

RT: 10.77 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF090454.D

Acq: 7 Oct 2016 20:08

Instrument :

BNA_F

ClientSampleId :

T-5

Tgt Ion: 77 Resp: 180160

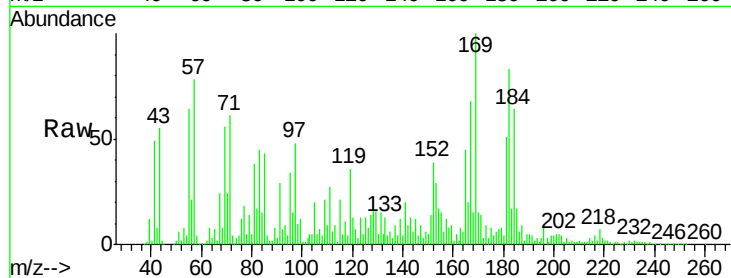
Ion Ratio Lower Upper

77 100

182 457.6 3.2 43.2#

105 108.9 2.9 42.9#

51 35.4 14.2 54.2

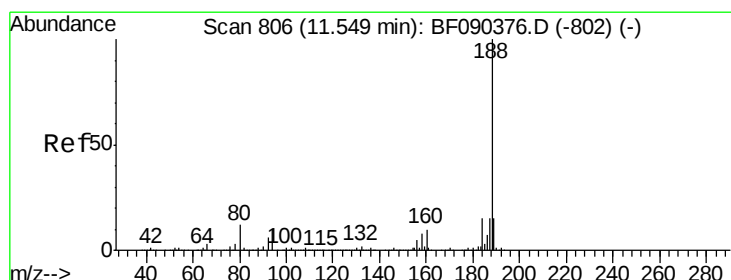
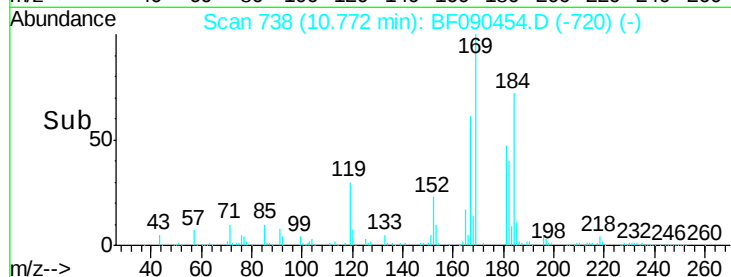
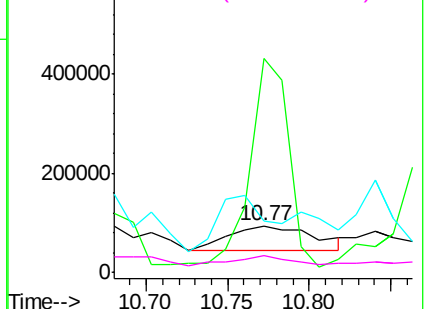


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.56 min Scan# 807

Delta R.T. 0.01 min

Lab File: BF090454.D

Acq: 7 Oct 2016 20:08

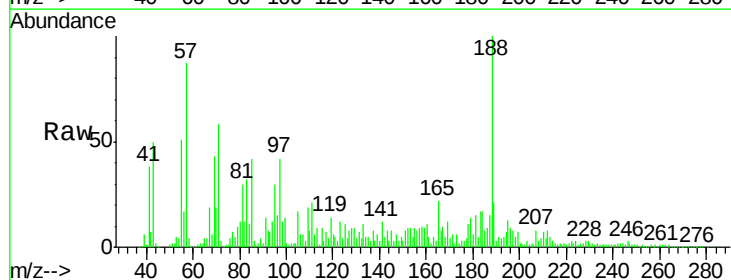
Tgt Ion: 188 Resp: 634801

Ion Ratio Lower Upper

188 100

94 12.2 8.2 12.2

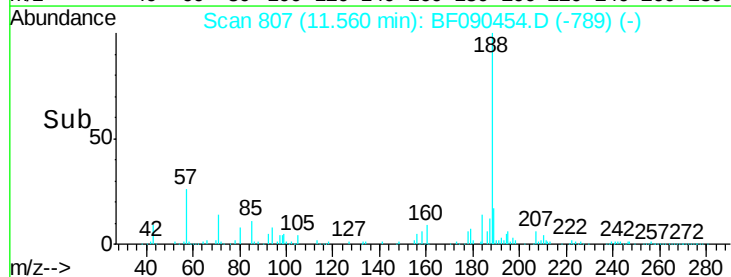
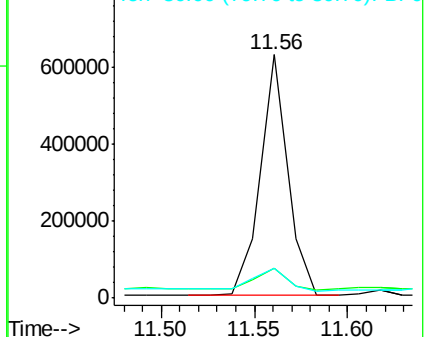
80 12.4 8.8 13.2

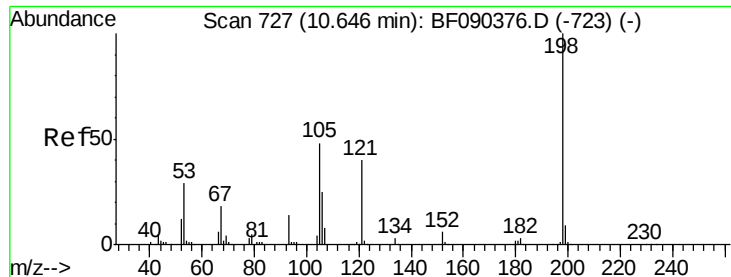


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 8.31 ng

RT: 10.65 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF090454.D

Acq: 7 Oct 2016 20:08

Instrument :

BNA_F

ClientSampleId :

T-5

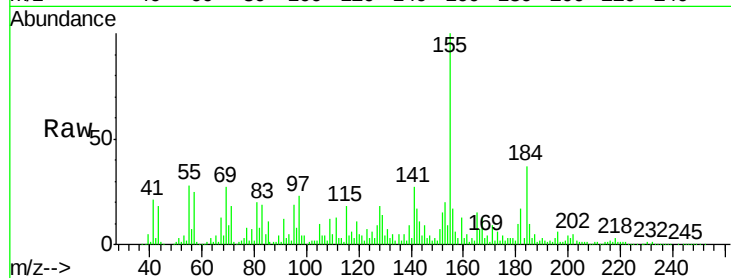
Tgt Ion:198 Resp: 13876

Ion Ratio Lower Upper

198 100

51 330.0 67.3 107.3#

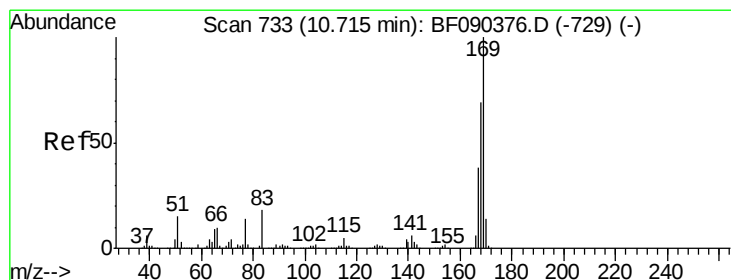
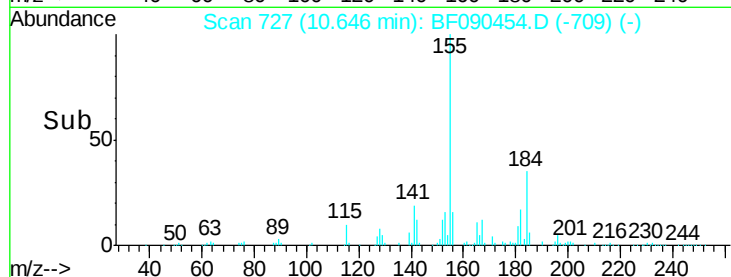
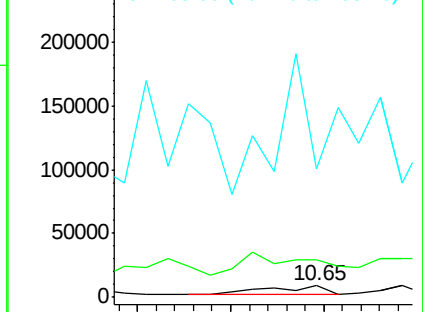
105 1129.5 42.6 82.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 36.38 ng

RT: 10.71 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF090454.D

Acq: 7 Oct 2016 20:08

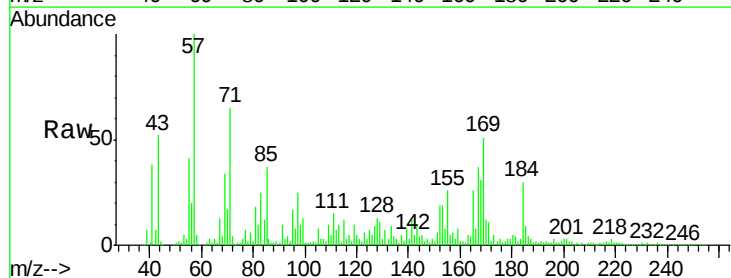
Tgt Ion:169 Resp: 773887

Ion Ratio Lower Upper

169 100

168 61.2 53.8 80.6

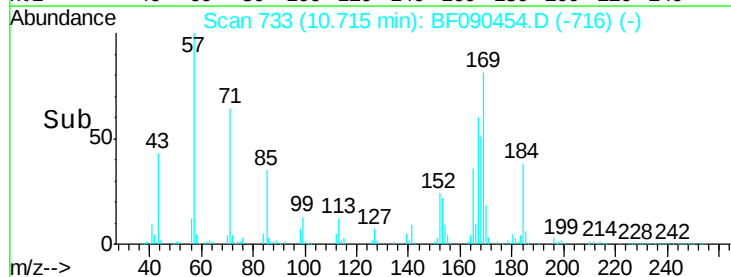
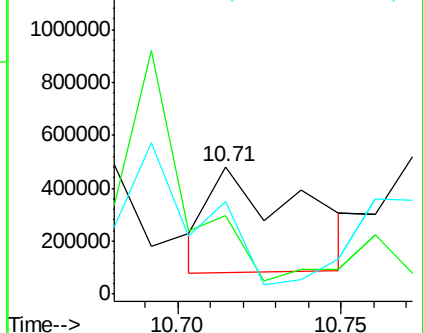
167 72.2 29.8 44.8#

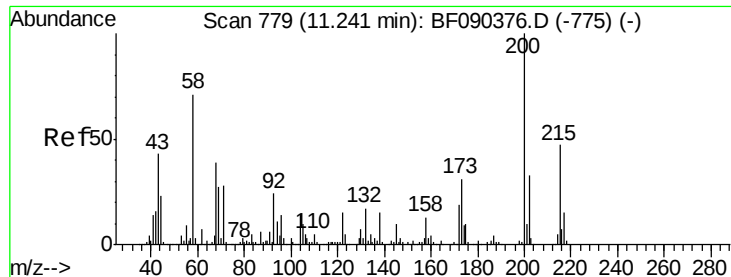


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

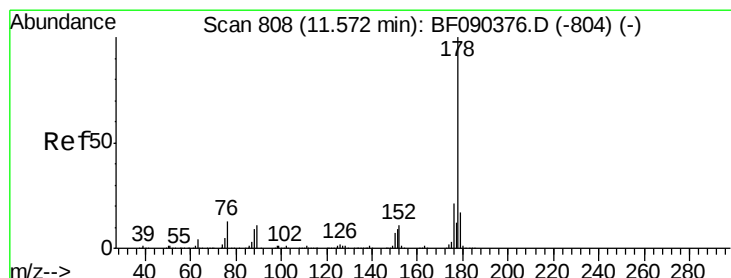
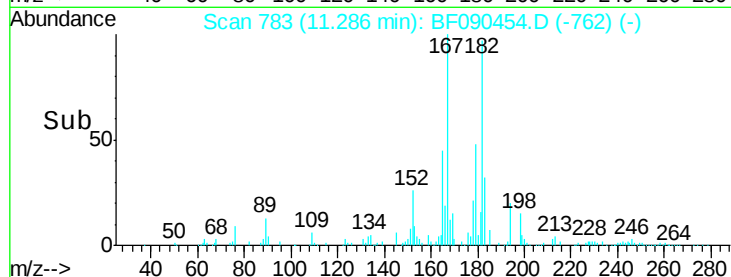
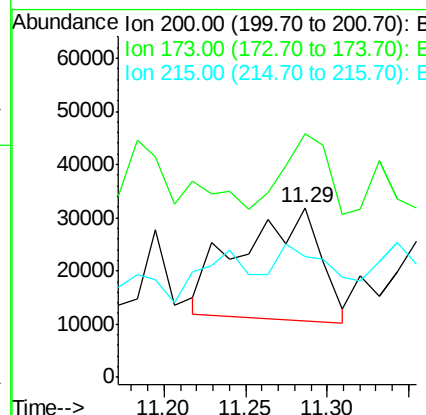
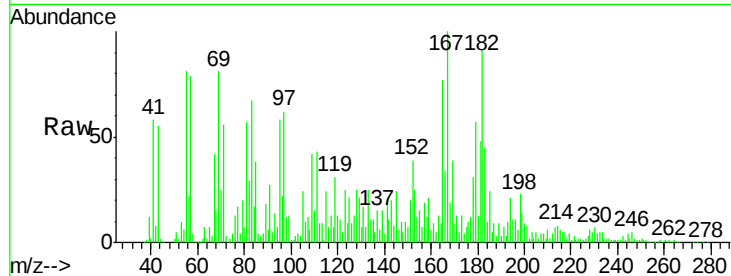




#68
Atrazine
Concen: 13.57 ng
RT: 11.29 min Scan# 783
Delta R.T. 0.05 min
Lab File: BF090454.D
Acq: 7 Oct 2016 20:08

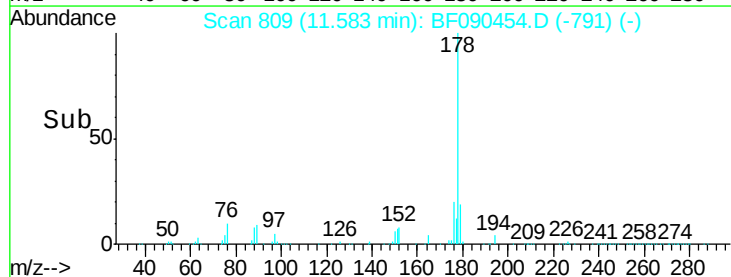
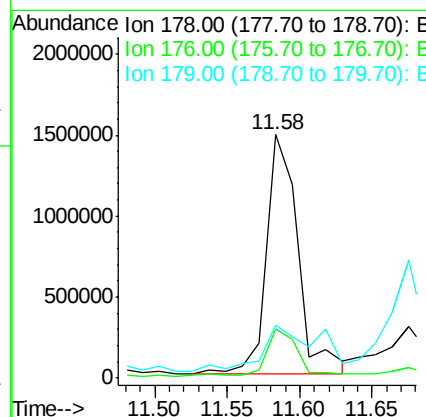
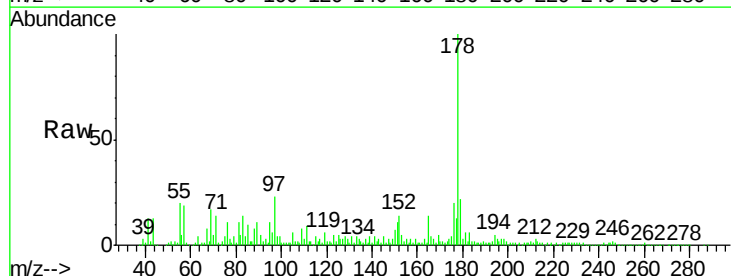
Instrument :
BNA_F
ClientSampleId :
T-5

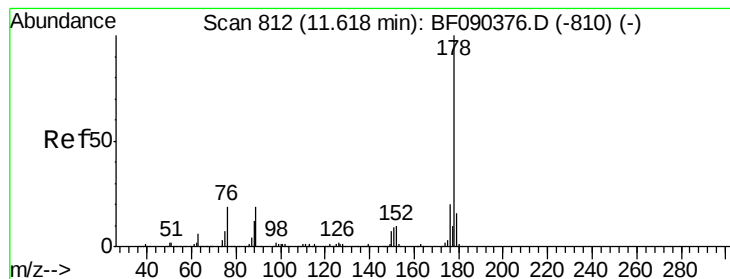
Tgt Ion:200 Resp: 71166
Ion Ratio Lower Upper
200 100
173 143.5 9.0 49.0#
215 71.4 24.8 64.8#



#70
Phenanthrene
Concen: 68.52 ng
RT: 11.58 min Scan# 809
Delta R.T. 0.01 min
Lab File: BF090454.D
Acq: 7 Oct 2016 20:08

Tgt Ion:178 Resp: 2227286
Ion Ratio Lower Upper
178 100
176 20.4 17.3 25.9
179 21.7 13.8 20.6#





#71

Anthracene

Concen: 31.63 ng

RT: 11.67 min Scan# 817

Delta R.T. 0.06 min

Lab File: BF090454.D

Acq: 7 Oct 2016 20:08

Instrument :

BNA_F

ClientSampleId :

T-5

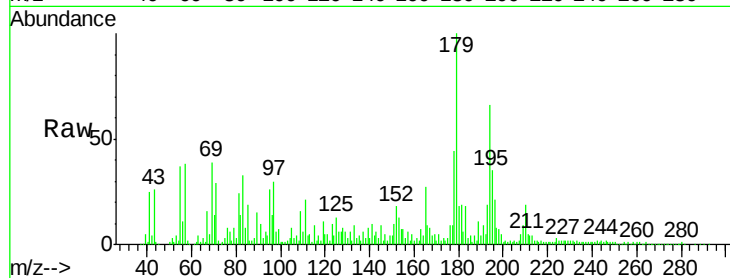
Tgt Ion:178 Resp: 1050088

Ion Ratio Lower Upper

178 100

176 21.1 16.8 25.2

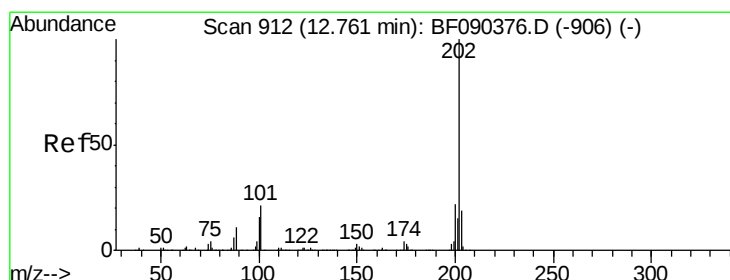
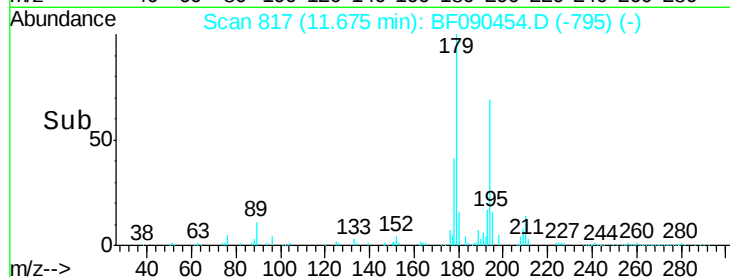
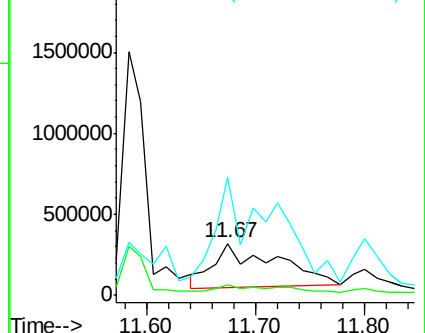
179 227.6 13.4 20.2#



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



#74

Fluoranthene

Concen: 9.60 ng

RT: 12.77 min Scan# 913

Delta R.T. 0.01 min

Lab File: BF090454.D

Acq: 7 Oct 2016 20:08

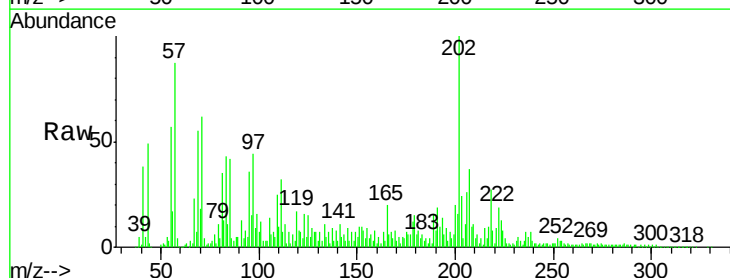
Tgt Ion:202 Resp: 305980

Ion Ratio Lower Upper

202 100

101 11.8 0.0 37.2

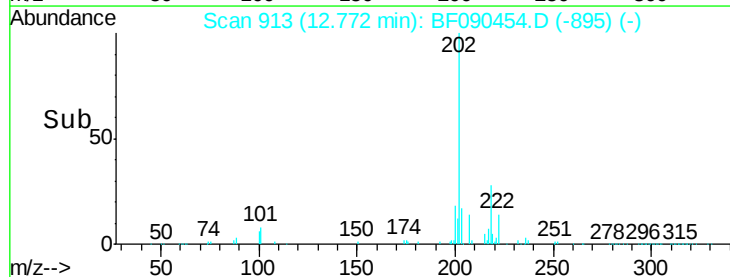
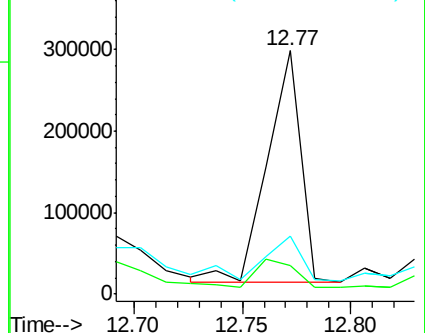
203 23.9 0.0 39.3

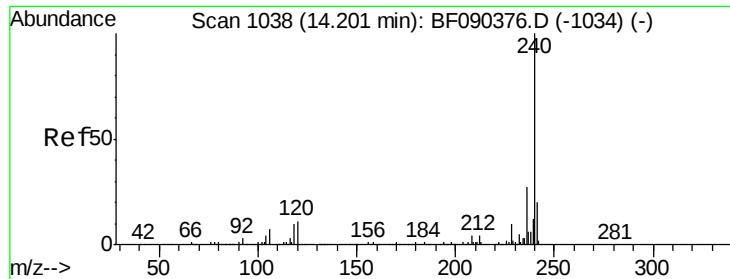


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

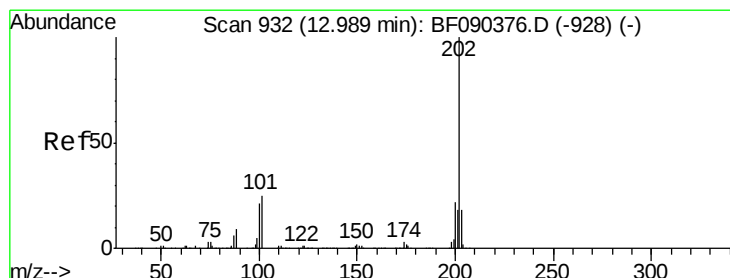
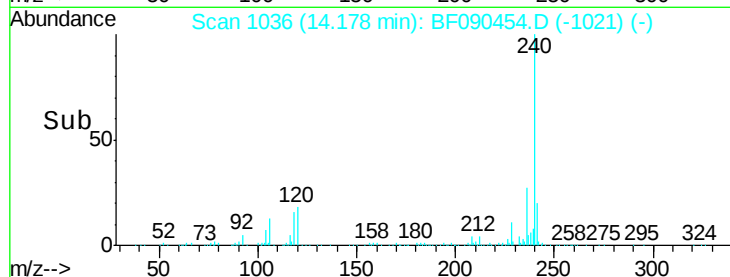
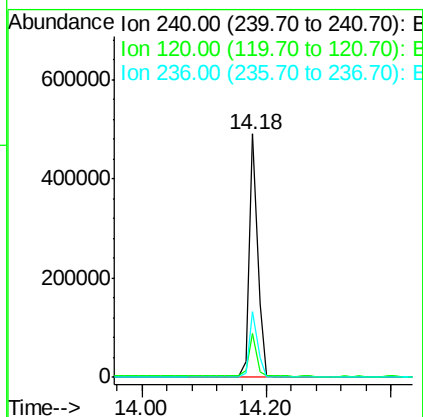
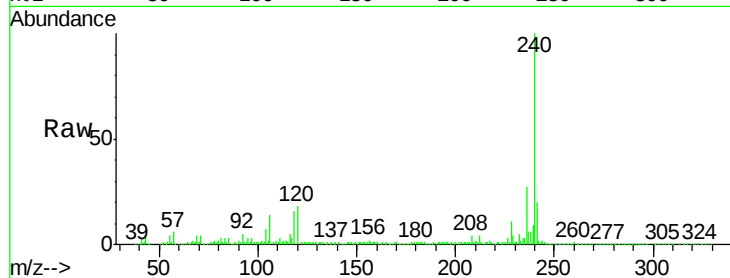




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF090454.D
Acq: 7 Oct 2016 20:08

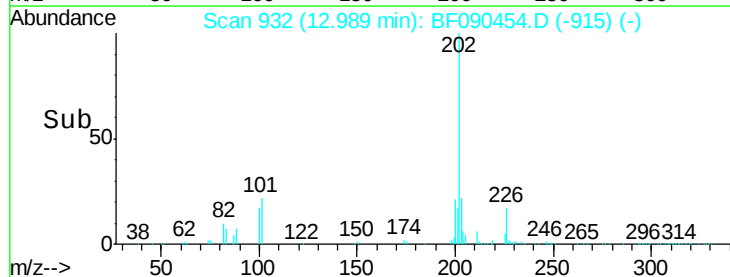
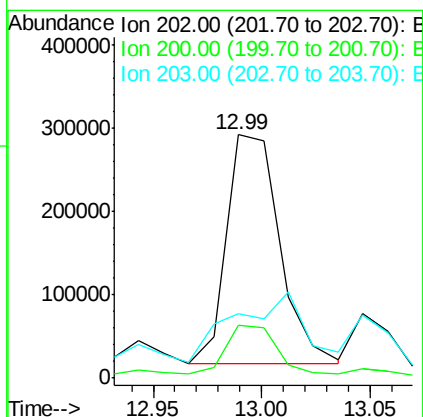
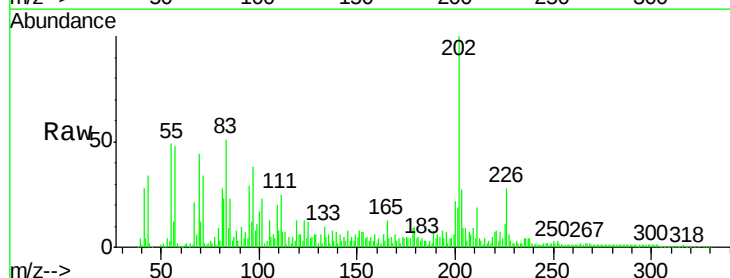
Instrument :
BNA_F
ClientSampleId :
T-5

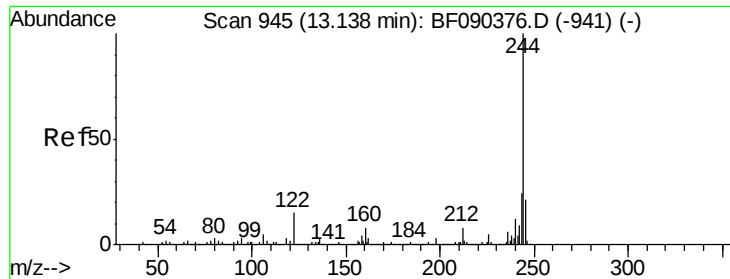
Tgt Ion:240 Resp: 465207
Ion Ratio Lower Upper
240 100
120 18.2 8.6 13.0#
236 27.0 21.6 32.4



#77
Pyrene
Concen: 15.00 ng
RT: 12.99 min Scan# 932
Delta R.T. -0.00 min
Lab File: BF090454.D
Acq: 7 Oct 2016 20:08

Tgt Ion:202 Resp: 465409
Ion Ratio Lower Upper
202 100
200 21.9 18.5 27.7
203 26.7 15.0 22.6#

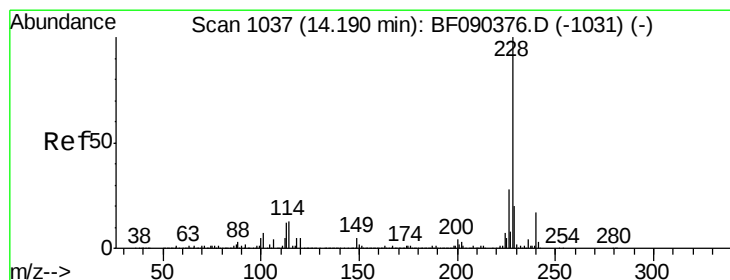
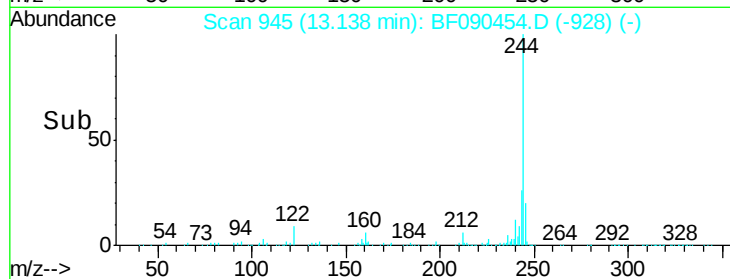
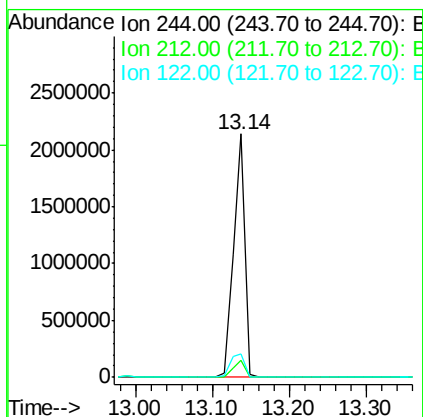
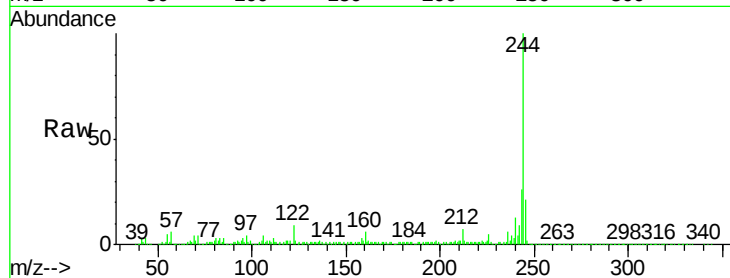




#78
 Terphenyl-d14
 Concen: 108.97 ng
 RT: 13.14 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF090454.D
 Acq: 7 Oct 2016 20:08

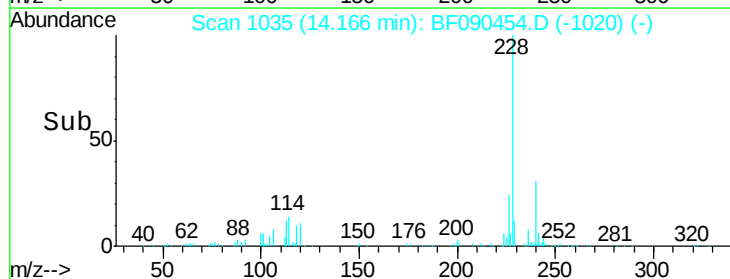
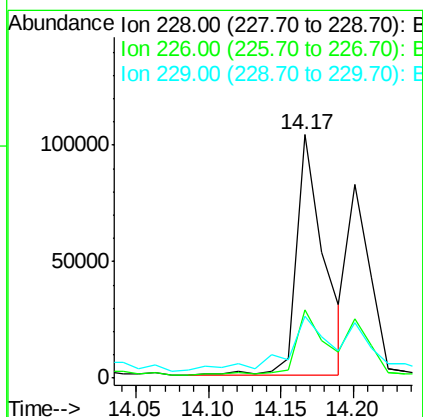
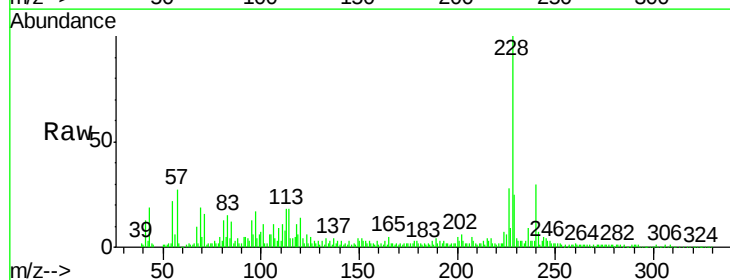
Instrument :
 BNA_F
 ClientSampled :
 T-5

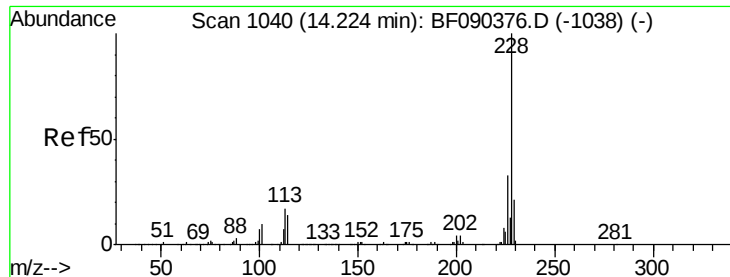
Tgt Ion:244 Resp: 2254971
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.8 10.2
 122 9.5 13.3 19.9#



#80
 Benzo(a)anthracene
 Concen: 5.17 ng
 RT: 14.17 min Scan# 1035
 Delta R.T. -0.02 min
 Lab File: BF090454.D
 Acq: 7 Oct 2016 20:08

Tgt Ion:228 Resp: 135019
 Ion Ratio Lower Upper
 228 100
 226 27.8 23.6 35.4
 229 25.4 16.6 25.0#





#82

Chrysene

Concen: 5.62 ng

RT: 14.17 min Scan# 1035

Delta R.T. -0.06 min

Lab File: BF090454.D

Acq: 7 Oct 2016 20:08

Instrument :

BNA_F

ClientSampled :

T-5

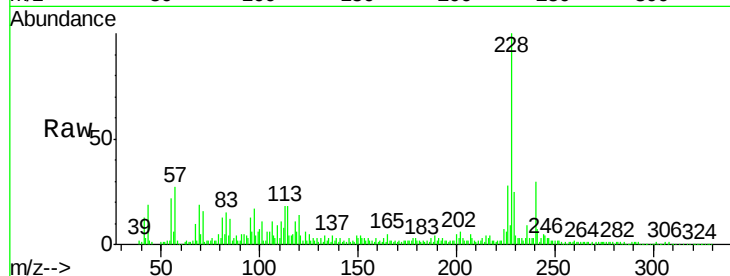
Tgt Ion:228 Resp: 135019

Ion Ratio Lower Upper

228 100

226 27.8 25.8 38.6

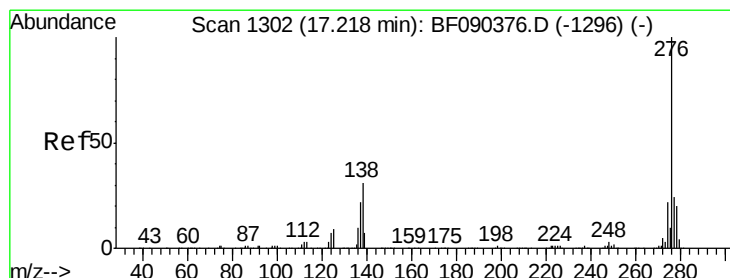
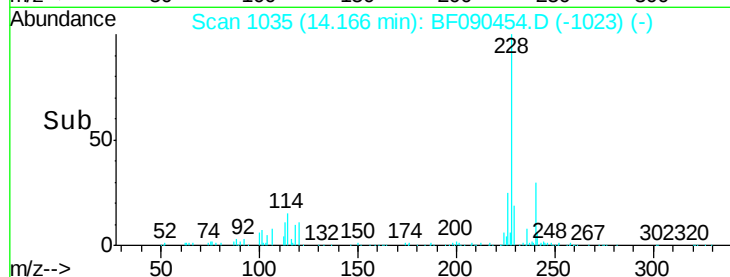
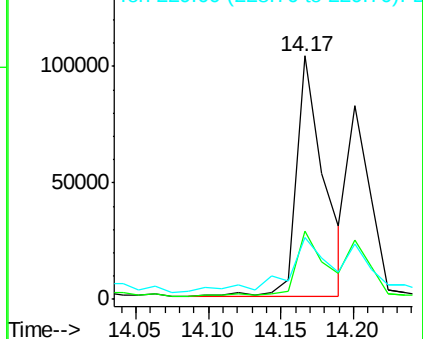
229 25.4 16.9 25.3#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.18 ng

RT: 17.17 min Scan# 1298

Delta R.T. -0.05 min

Lab File: BF090454.D

Acq: 7 Oct 2016 20:08

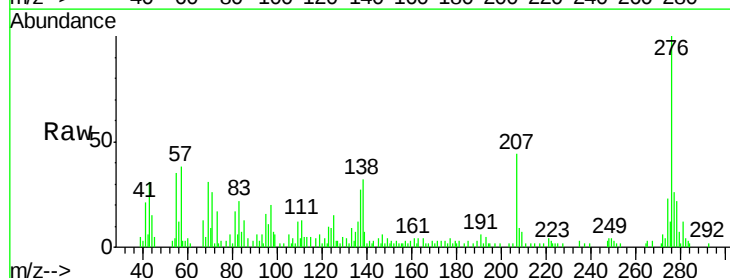
Tgt Ion:276 Resp: 37334

Ion Ratio Lower Upper

276 100

138 35.7 23.8 35.8

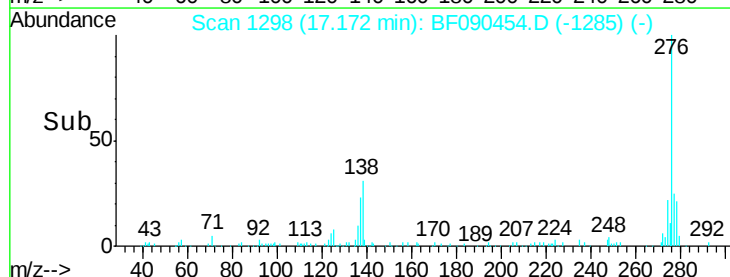
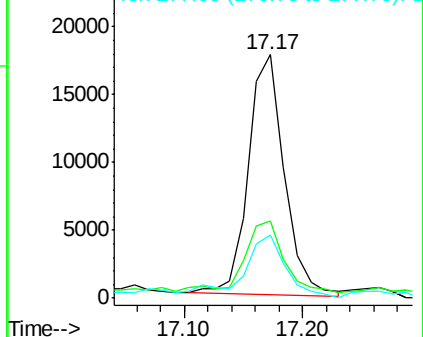
277 32.4 20.4 30.6#

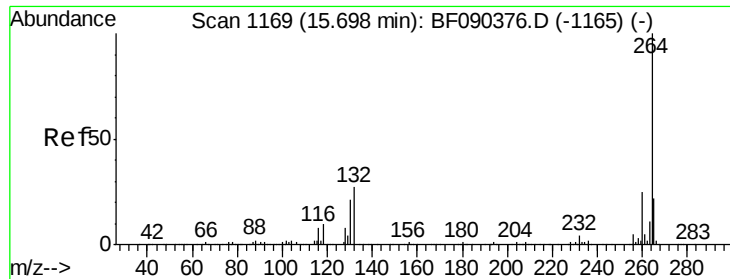


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



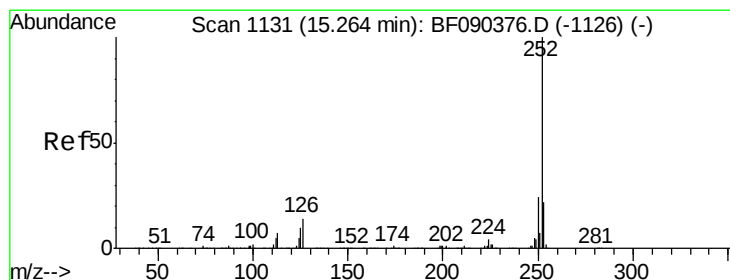
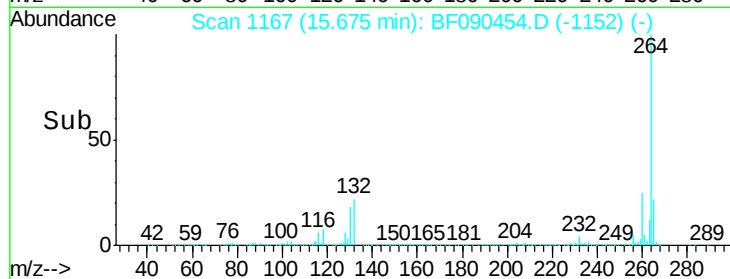
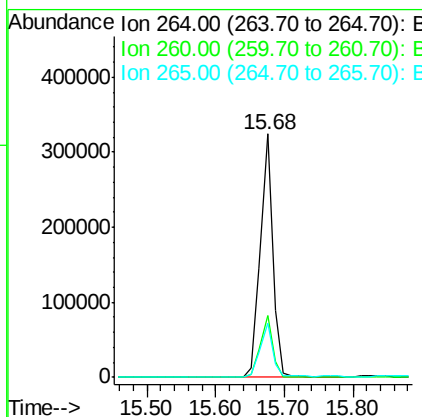
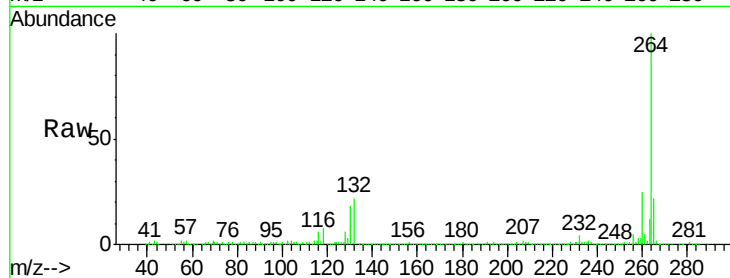


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.68 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF090454.D
Acq: 7 Oct 2016 20:08

Instrument :
BNA_F
ClientSampleId :
T-5

Tgt Ion: 264 Resp: 404429

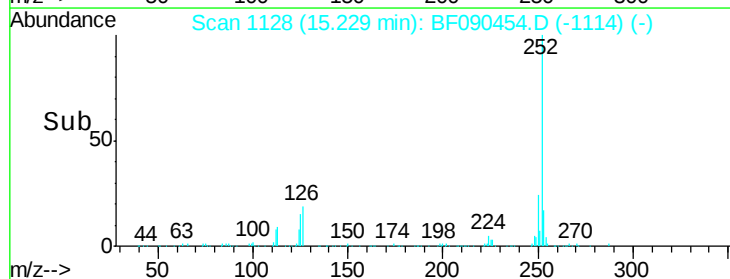
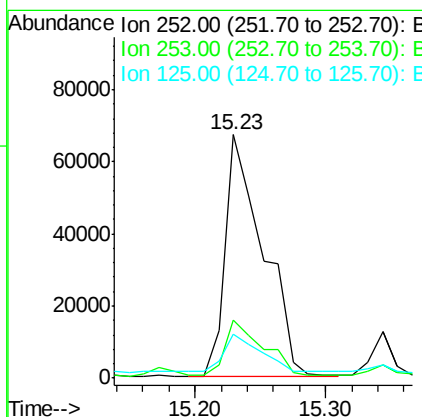
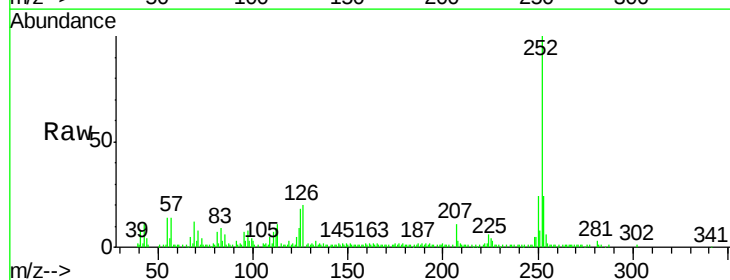
Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.3	28.9
265	22.2	17.4	26.0

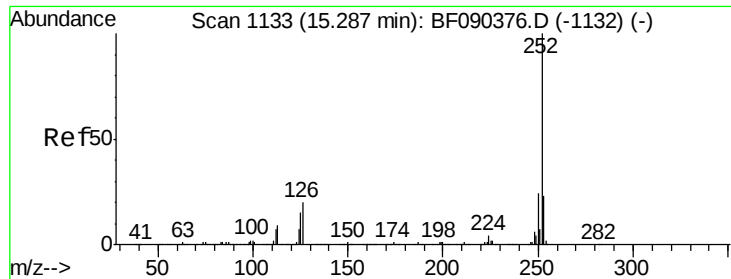


#87
Benzo(b)fluoranthene
Concen: 5.31 ng
RT: 15.23 min Scan# 1128
Delta R.T. -0.03 min
Lab File: BF090454.D
Acq: 7 Oct 2016 20:08

Tgt Ion: 252 Resp: 136703

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.2
125	18.2	7.0	10.4

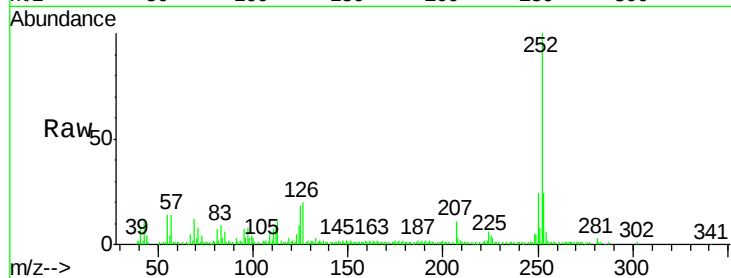




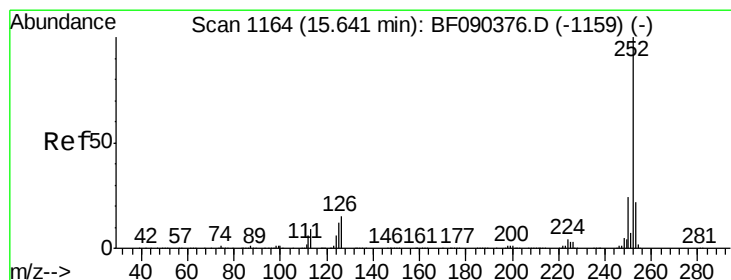
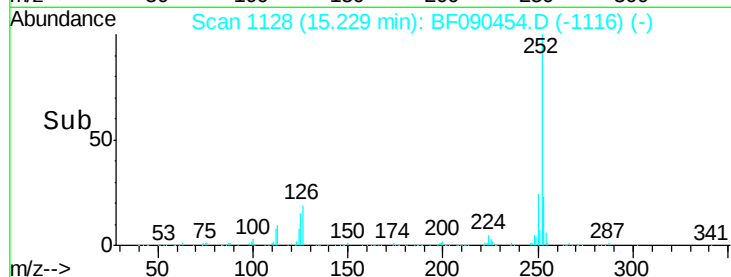
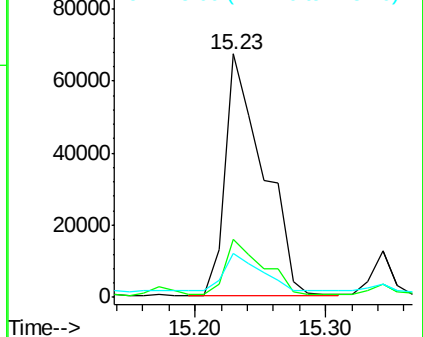
#88
Benzo(k)fluoranthene
Concen: 5.65 ng
RT: 15.23 min Scan# 1128
Delta R.T. -0.06 min
Lab File: BF090454.D
Acq: 7 Oct 2016 20:08

Instrument :
BNA_F
ClientSampleId :
T-5

Tgt Ion:252 Resp: 136703
Ion Ratio Lower Upper
252 100
253 23.8 18.6 27.8
125 18.2 11.7 17.5#

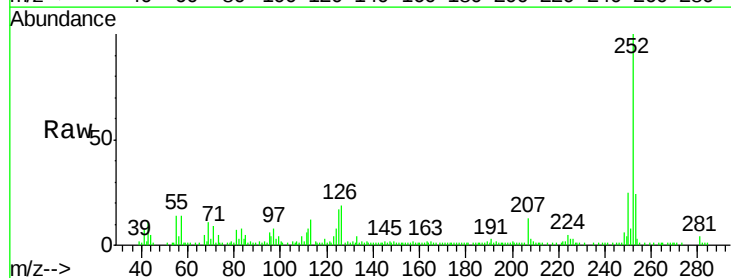


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(a)pyrene
Concen: 3.13 ng
RT: 15.61 min Scan# 1161
Delta R.T. -0.03 min
Lab File: BF090454.D
Acq: 7 Oct 2016 20:08

Tgt Ion:252 Resp: 69394
Ion Ratio Lower Upper
252 100
253 24.0 18.2 27.4
125 17.4 9.8 14.8#



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

