

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
 Data File : BF090455.D
 Acq On : 7 Oct 2016 20:35
 Operator : UM/SJ
 Sample : H5140-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-6

Quant Time: Oct 08 00:00:30 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	236987	20.00	ng	0.00
21) Naphthalene-d8	8.31	136	371179	20.00	ng	0.02
38) Acenaphthene-d10	10.10	164	327032	20.00	ng	0.05
63) Phenanthrene-d10	11.63	188	16911	20.00	ng	0.08
75) Chrysene-d12	14.18	240	443518	20.00	ng	-0.02
86) Perylene-d12	15.68	264	419035	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1512034	95.22	ng	0.00
7) Phenol-d6	6.63	99	1916734	92.16	ng	0.01
23) Nitrobenzene-d5	7.57	82	942659	123.54	ng	0.00
41) 2,4,6-Tribromophenol	10.89	330	286977	107.92	ng	0.03
44) 2-Fluorobiphenyl	9.40	172	1274710	64.94	ng	0.02
78) Terphenyl-d14	13.14	244	1440417	73.01	ng	0.00

Target Compounds

						Qvalue
9) Benzaldehyde	6.53	77	1007695	95.86	ng	# 1
15) Benzyl Alcohol	7.16	79	65080	4.12	ng	# 49
17) 2-Methylphenol	7.29	107	43102	3.00	ng	# 1
18) Hexachloroethane	7.48	117	695247	99.68	ng	# 1
19) n-Nitroso-di-n-propylamine	7.45	70	228015	14.95	ng	# 52
22) Acetophenone	7.41	105	2497425	284.07	ng	# 46
24) Nitrobenzene	7.55	77	541353	71.46	ng	# 50
25) Isophorone	7.85	82	360762	25.86	ng	# 1
26) 2-Nitrophenol	7.94	139	35876	11.00	ng	# 1
27) 2,4-Dimethylphenol	7.96	122	60148	9.49	ng	# 1
28) bis(2-Chloroethoxy)methane	8.07	93	72725	8.81	ng	# 1
29) 2,4-Dichlorophenol	8.14	162	70869	14.70	ng	# 1
30) 1,2,4-Trichlorobenzene	8.21	180	29707	5.98	ng	# 73
31) Naphthalene	8.34	128	4653399	259.86	ng	# 95
32) Benzoic acid	8.10	122	49756	11.29	ng	# 1
33) 4-Chloroaniline	8.43	127	37693	5.09	ng	# 15
35) Caprolactam	8.76	113	510260	314.80	ng	# 48
36) 4-Chloro-3-methylphenol	8.87	107	68379	11.33	ng	# 43
37) 2-Methylnaphthalene	9.06	142	6252645	576.84	ng	# 98
42) 2,4,6-Trichlorophenol	9.32	196	18381	3.09	ng	# 15
45) 1,1'-Biphenyl	9.51	154	1135287	46.85	ng	# 96
46) 2-Chloronaphthalene	9.59	162	85881	4.80	ng	# 1
47) 2-Nitroaniline	9.64	65	65058	9.21	ng	# 4
48) Acenaphthylene	9.96	152	264908	8.97	ng	# 1
49) Dimethylphthalate	9.79	163	168603	8.05	ng	# 88
50) 2,6-Dinitrotoluene	9.72	165	44842	9.64	ng	# 84
51) Acenaphthene	10.13	154	220039	11.94	ng	# 11
52) 3-Nitroaniline	10.05	138	33031	6.08	ng	# 40
53) 2,4-Dinitrophenol	10.17	184	5014	2.42	ng	# 1
54) Dibenzofuran	10.30	168	428011	17.95	ng	# 1
55) 4-Nitrophenol	10.21	139	277145	58.31	ng	# 36
56) 2,4-Dinitrotoluene	10.30	165	152637	24.66	ng	# 61
57) Fluorene	10.65	166	1188908	59.33	ng	# 75
58) 2,3,4,6-Tetrachlorophenol	10.39	232	11274	2.68	ng	# 39

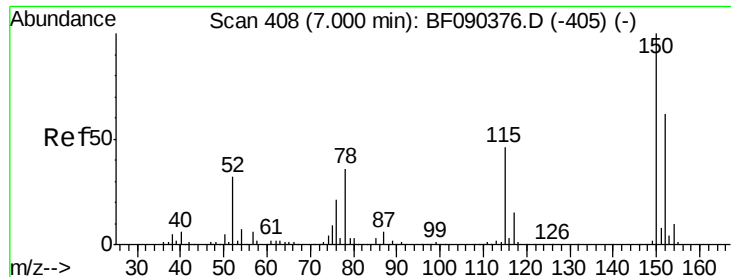
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) Diethylphthalate	10.54	149	57945	2.67	ng	# 19
60) 4-Chlorophenyl-phenylether	10.70	204	30557	3.35	ng	# 1
61) 4-Nitroaniline	10.55	138	51470	9.40	ng	# 91
62) Azobenzene	10.81	77	232528	9.29	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.70	198	10996	90.85	ng	# 1
65) n-Nitrosodiphenylamine	10.81	169	1167972	2061.04	ng	# 44
66) 4-Bromophenyl-phenylether	11.13	248	26921	162.40	ng	# 1
68) Atrazine	11.30	200	97602	698.49	ng	# 12
69) Pentachlorophenol	11.41	266	8622	78.46	ng	# 27
70) Phenanthrene	11.61	178	2620606	3026.31	ng	# 96
71) Anthracene	11.69	178	785400	888.16	ng	# 1
72) Carbazole	11.85	167	41727	50.79	ng	# 1
73) Di-n-butylphthalate	12.22	149	25004	25.01	ng	# 1
74) Fluoranthene	12.84	202	57797	68.05	ng	# 4
77) Pyrene	12.96	202	81138	2.74	ng	# 24

(#) = 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: BF090455.D

Acq: 7 Oct 2016 20:35

Instrument :

BNA_F

ClientSampled :

T-6

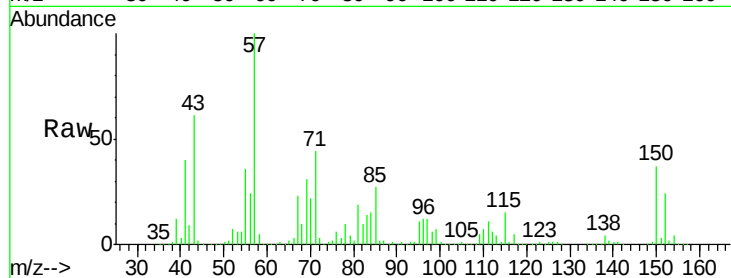
Tgt Ion:152 Resp: 236987

Ion Ratio Lower Upper

152 100

150 156.6 124.6 186.8

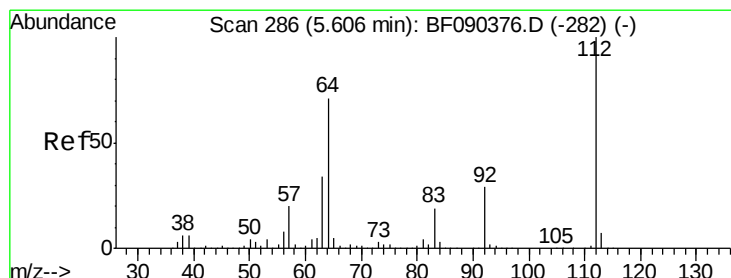
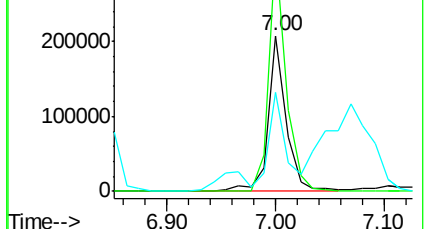
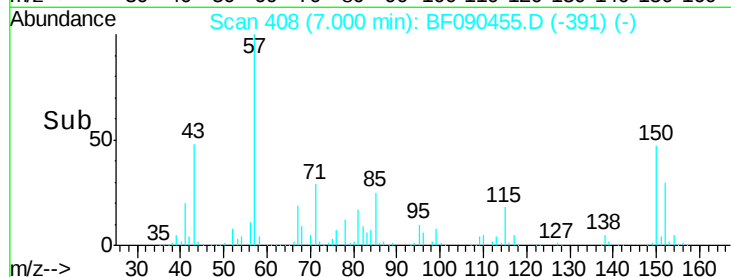
115 63.3 46.2 69.4



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: 95.22 ng

RT: 5.61 min Scan# 286

Delta R.T. 0.00 min

Lab File: BF090455.D

Acq: 7 Oct 2016 20:35

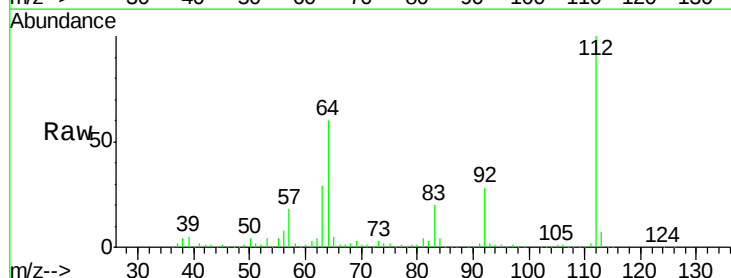
Tgt Ion:112 Resp: 1512034

Ion Ratio Lower Upper

112 100

64 59.9 57.9 86.9

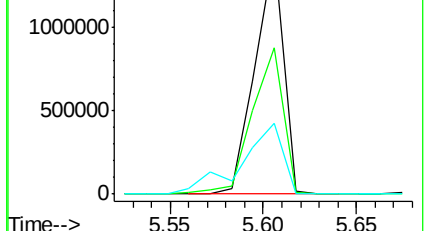
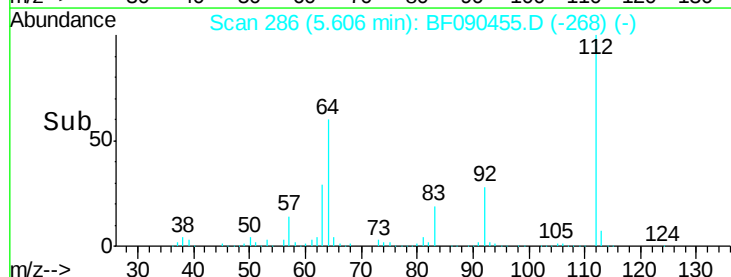
63 29.0 29.6 44.4#

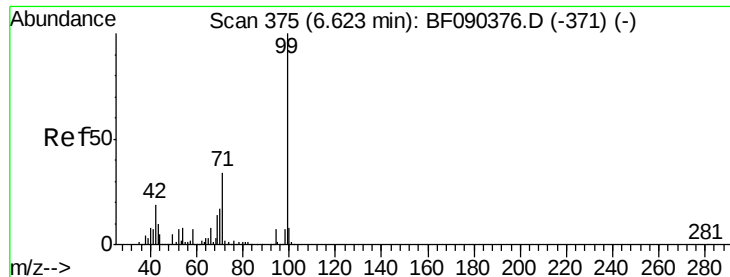


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 92.16 ng

RT: 6.63 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF090455.D

Acq: 7 Oct 2016 20:35

Instrument :

BNA_F

ClientSampleId :

T-6

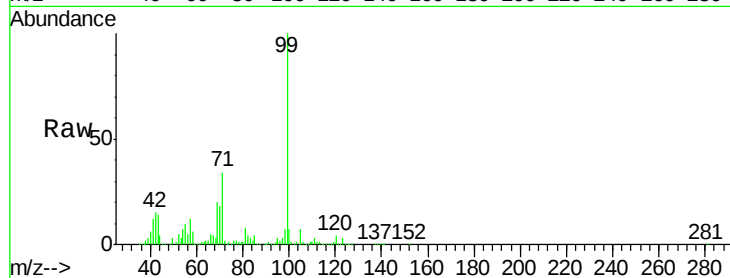
Tgt Ion: 99 Resp: 1916734

Ion Ratio Lower Upper

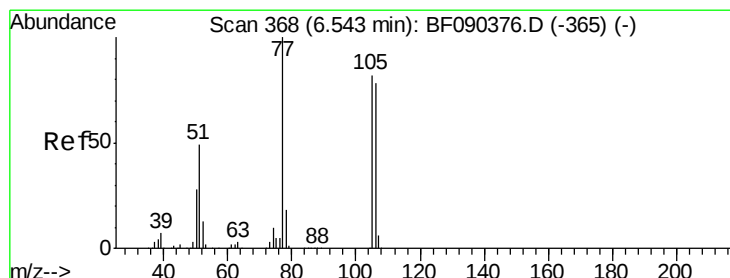
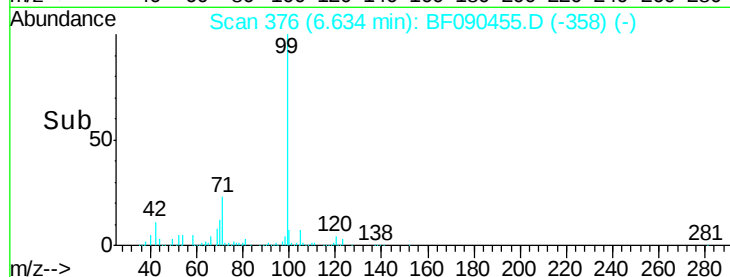
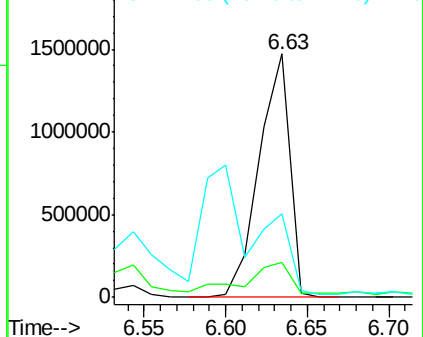
99 100

42 14.6 20.0 30.0#

71 34.1 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: 95.86 ng

RT: 6.53 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF090455.D

Acq: 7 Oct 2016 20:35

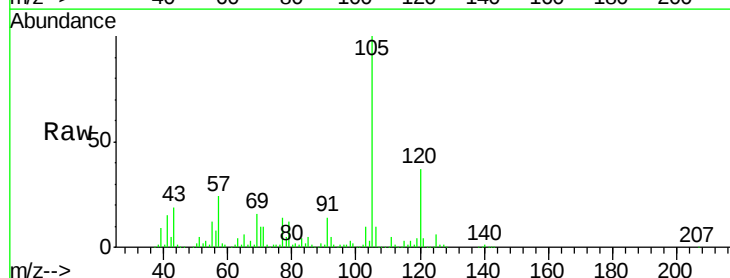
Tgt Ion: 77 Resp: 1007695

Ion Ratio Lower Upper

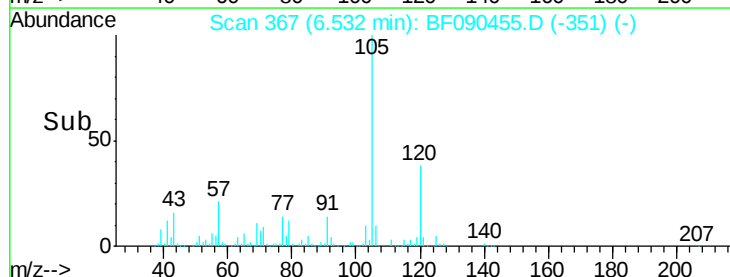
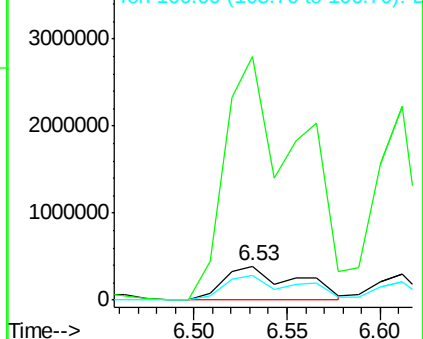
77 100

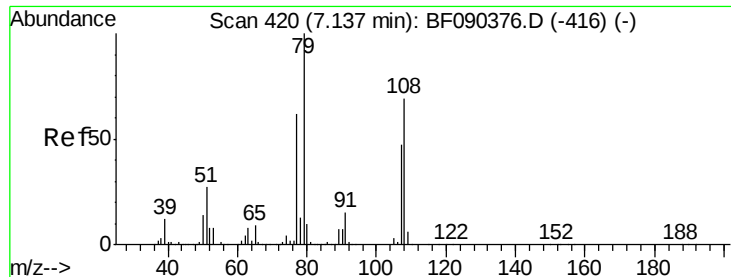
105 717.9 73.1 113.1#

106 71.7 70.2 110.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#15

Benzyl Alcohol

Concen: 4.12 ng

RT: 7.16 min Scan# 422

Delta R.T. 0.02 min

Lab File: BF090455.D

Acq: 7 Oct 2016 20:35

Instrument :

BNA_F

ClientSampled :

T-6

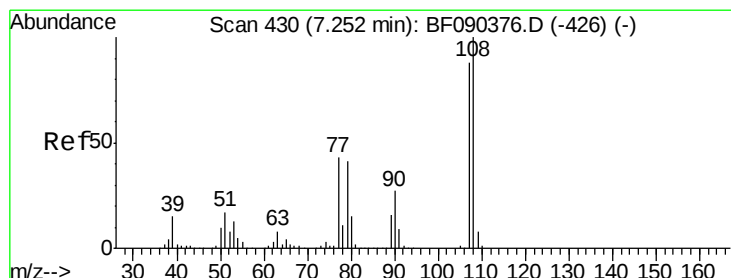
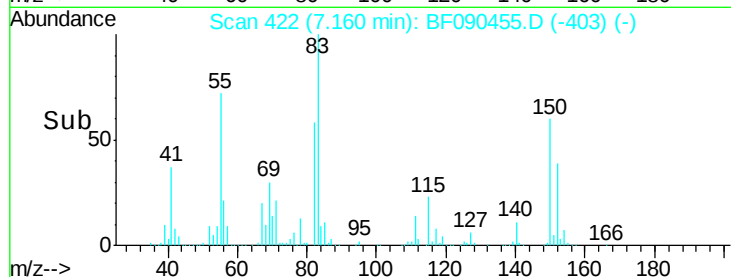
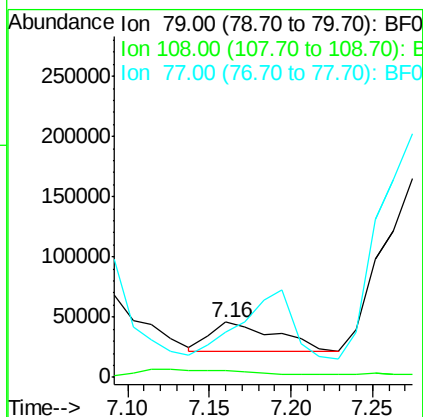
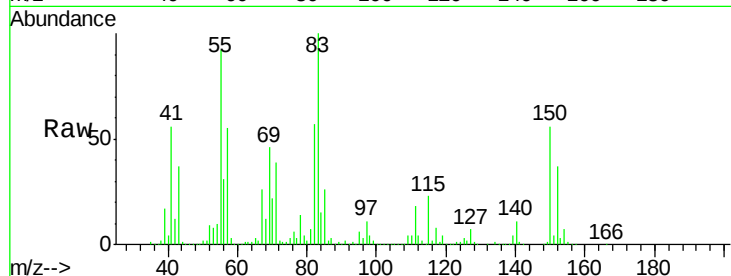
Tgt Ion: 79 Resp: 65080

Ion Ratio Lower Upper

79 100

108 12.2 60.9 91.3#

77 82.3 51.5 77.3#



#17

2-Methylphenol

Concen: 3.00 ng

RT: 7.29 min Scan# 433

Delta R.T. 0.03 min

Lab File: BF090455.D

Acq: 7 Oct 2016 20:35

Tgt Ion: 107 Resp: 43102

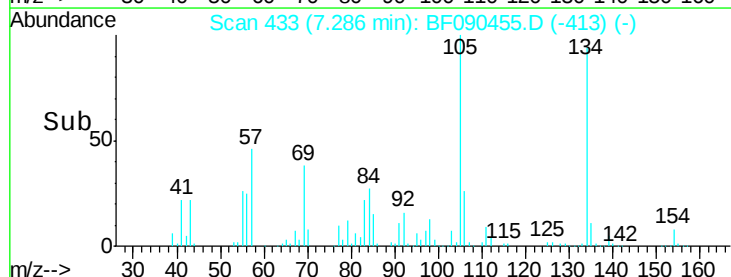
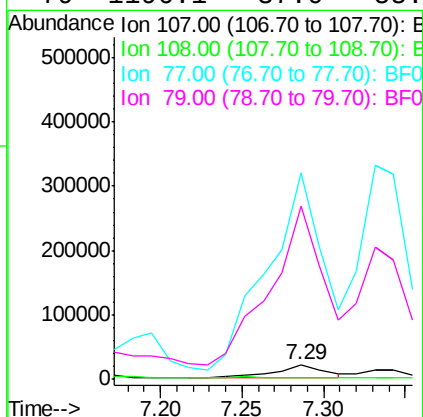
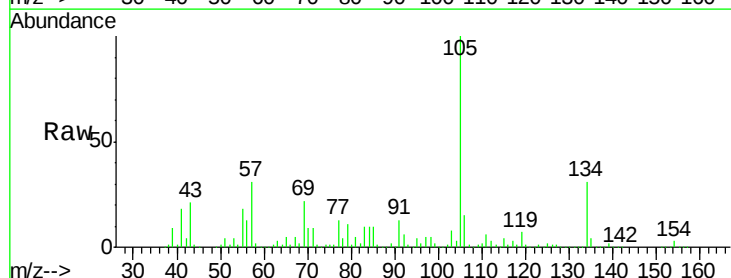
Ion Ratio Lower Upper

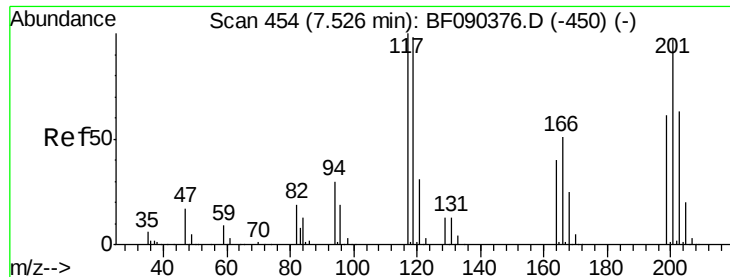
107 100

108 8.4 90.9 136.3#

77 1430.9 38.2 57.4#

79 1196.1 37.0 55.4#

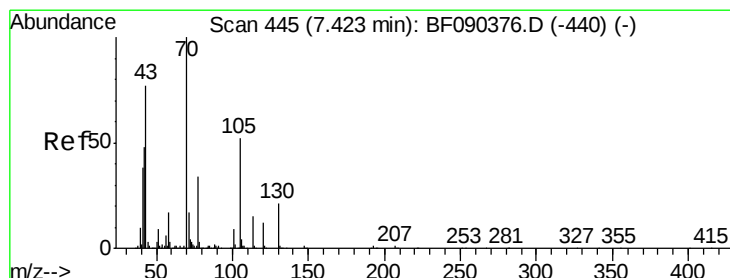
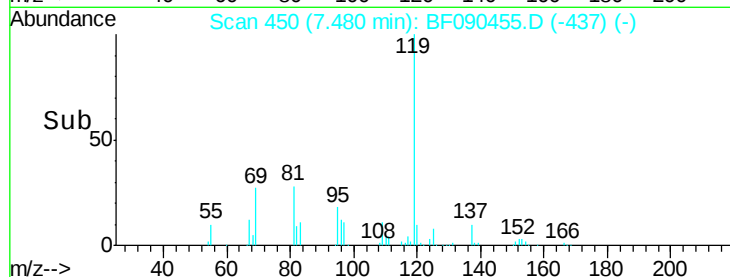
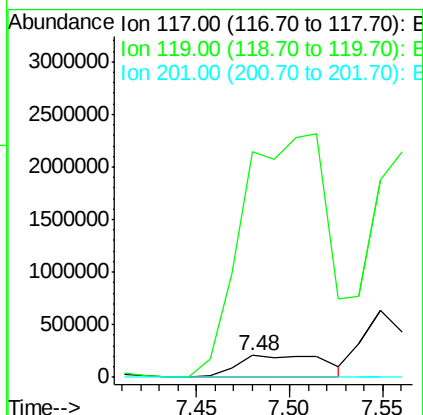
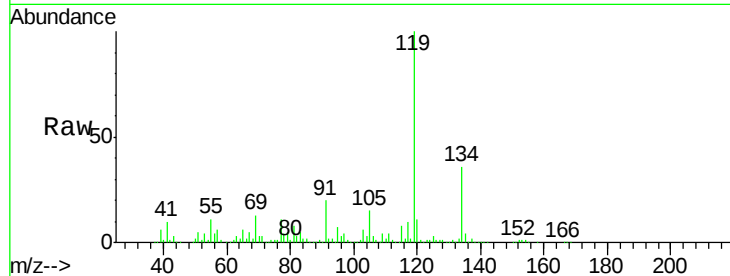




#18
Hexachloroethane
Concen: 99.68 ng
RT: 7.48 min Scan# 450
Delta R.T. -0.05 min
Lab File: BF090455.D
Acq: 7 Oct 2016 20:35

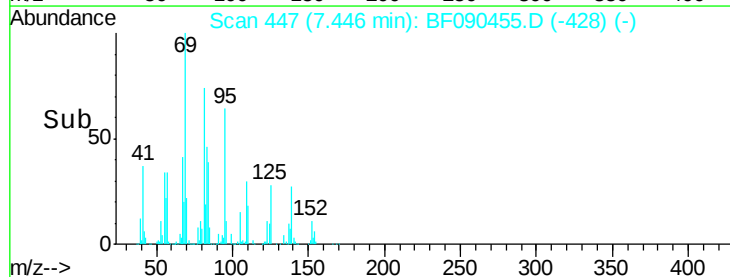
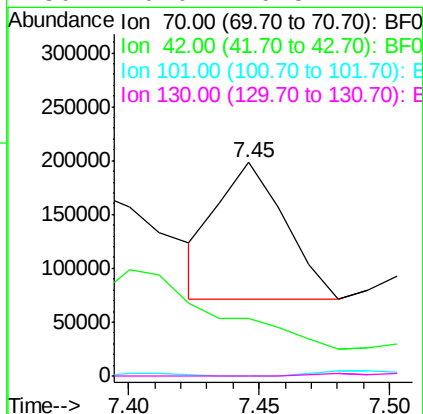
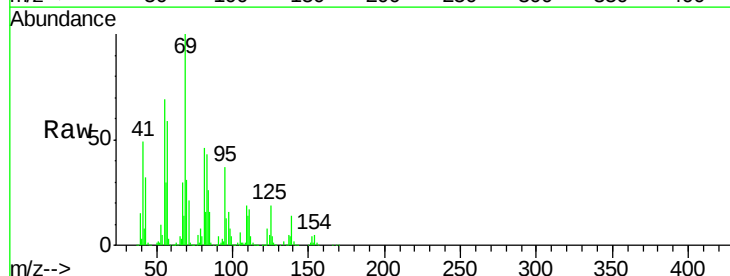
Instrument :
BNA_F
ClientSampleId :
T-6

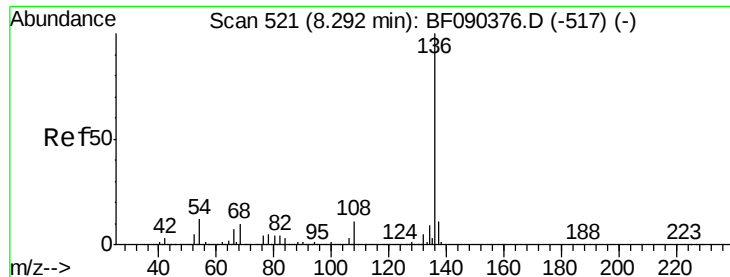
Tgt Ion: 117 Resp: 695247
Ion Ratio Lower Upper
117 100
119 1021.0 75.9 113.9#
201 0.0 66.5 99.7#



#19
n-Nitroso-di-n-propylamine
Concen: 14.95 ng
RT: 7.45 min Scan# 447
Delta R.T. 0.02 min
Lab File: BF090455.D
Acq: 7 Oct 2016 20:35

Tgt Ion: 70 Resp: 228015
Ion Ratio Lower Upper
70 100
42 26.8 55.4 83.2#
101 0.2 7.6 11.4#
130 0.0 16.5 24.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.31 min Scan# 523

Delta R.T. 0.02 min

Lab File: BF090455.D

Acq: 7 Oct 2016 20:35

Instrument :

BNA_F

ClientSampled :

T-6

Tgt Ion:136 Resp: 371179

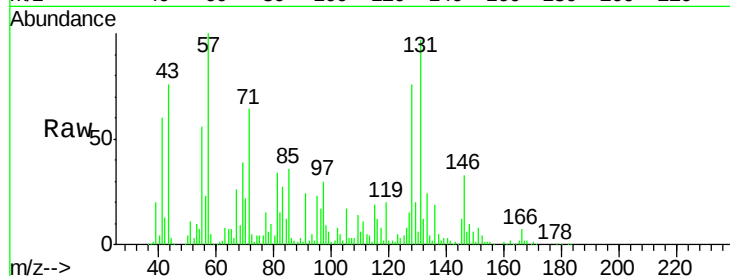
Ion Ratio Lower Upper

136 100

137 25.8 9.0 13.6#

54 35.2 6.6 10.0#

68 46.3 5.0 7.6#

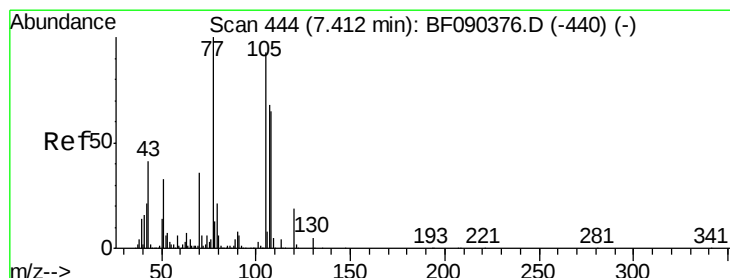
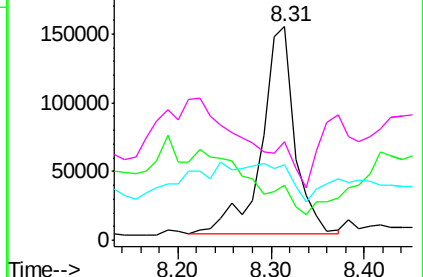
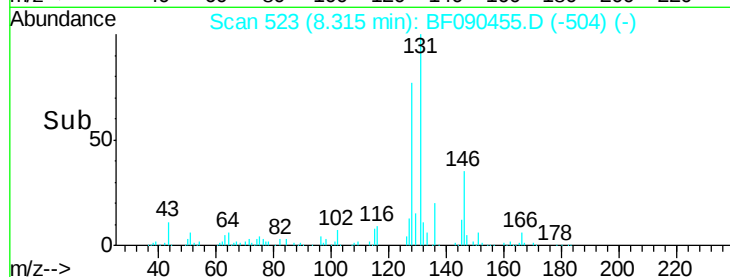


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 284.07 ng

RT: 7.41 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF090455.D

Acq: 7 Oct 2016 20:35

Tgt Ion:105 Resp: 2497425

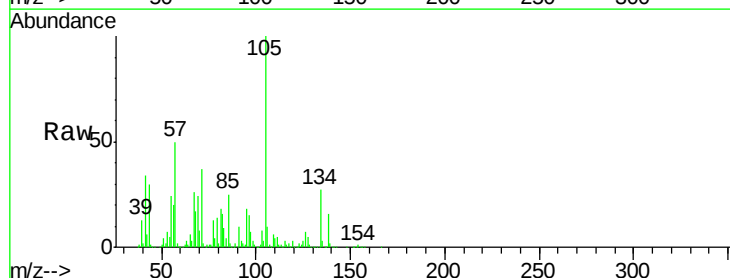
Ion Ratio Lower Upper

105 100

71 36.6 3.8 5.6#

51 4.3 28.2 42.4#

120 0.3 17.4 26.2#

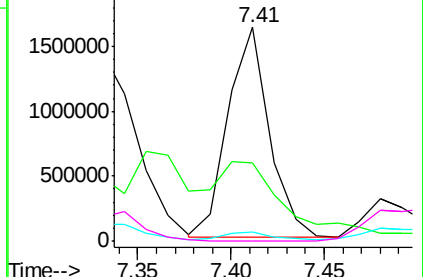
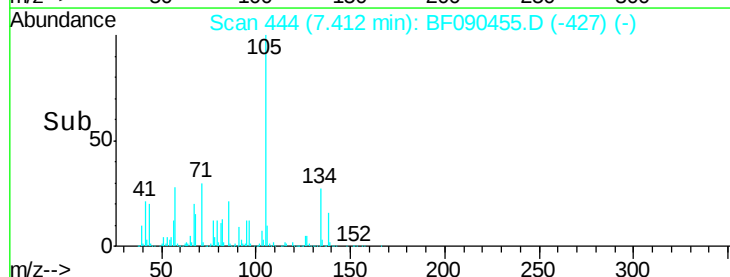


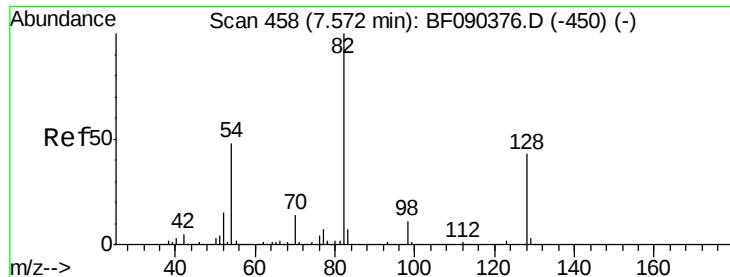
Abundance Ion 105.00 (104.70 to 105.70): E

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

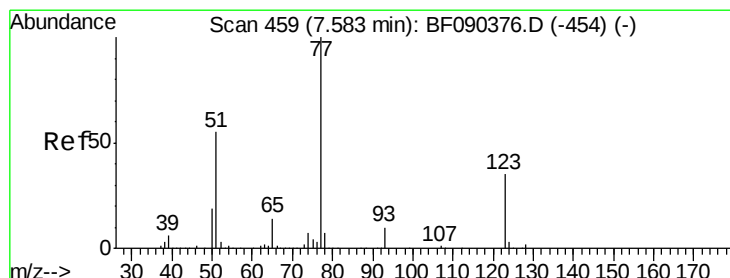
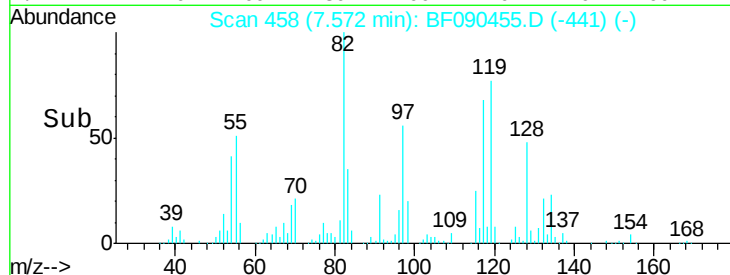
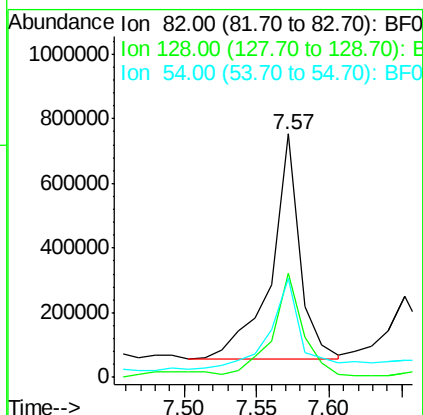
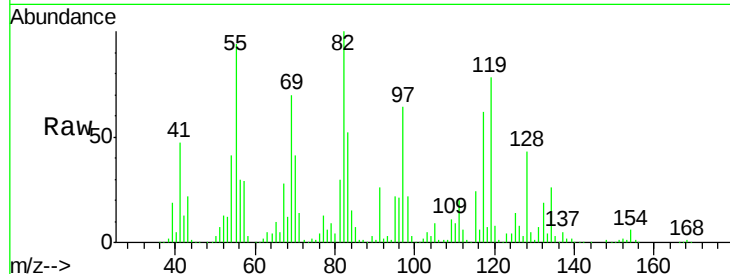




#23
Nitrobenzene-d5
Concen: 123.54 ng
RT: 7.57 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF090455.D
Acq: 7 Oct 2016 20:35

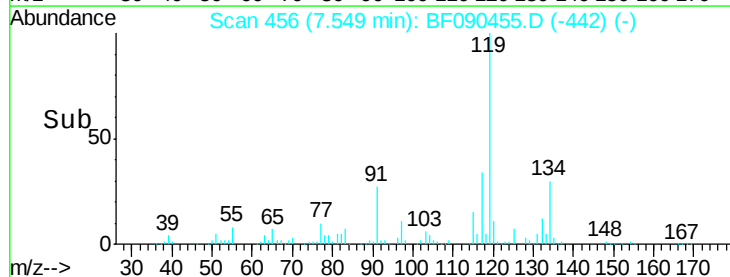
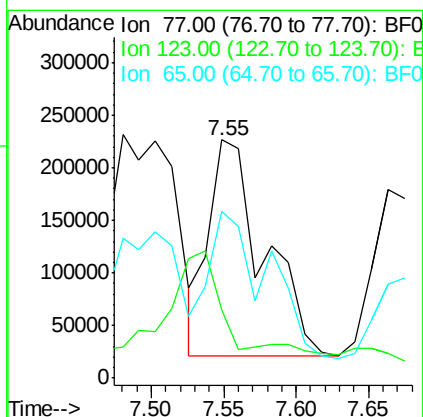
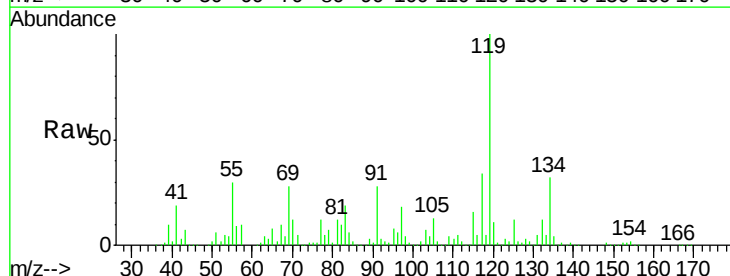
Instrument :
BNA_F
ClientSampleId :
T-6

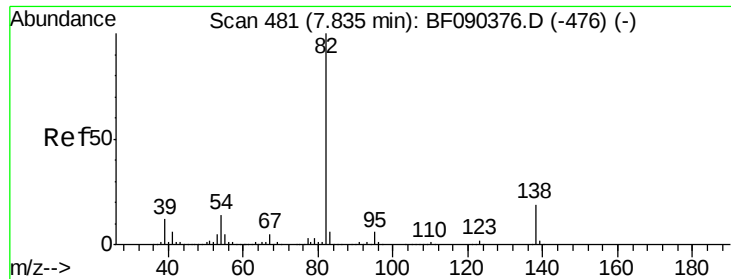
Tgt Ion: 82 Resp: 942659
Ion Ratio Lower Upper
82 100
128 43.0 40.0 60.0
54 40.6 42.6 64.0#



#24
Nitrobenzene
Concen: 71.46 ng
RT: 7.55 min Scan# 456
Delta R.T. -0.03 min
Lab File: BF090455.D
Acq: 7 Oct 2016 20:35

Tgt Ion: 77 Resp: 541353
Ion Ratio Lower Upper
77 100
123 28.9 33.0 49.4#
65 70.0 12.0 18.0#





#25

Isophorone

Concen: 25.86 ng

RT: 7.85 min Scan# 482

Delta R.T. 0.01 min

Lab File: BF090455.D

Acq: 7 Oct 2016 20:35

Instrument :

BNA_F

ClientSampleId :

T-6

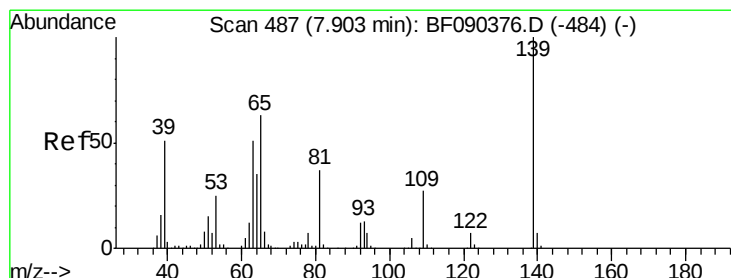
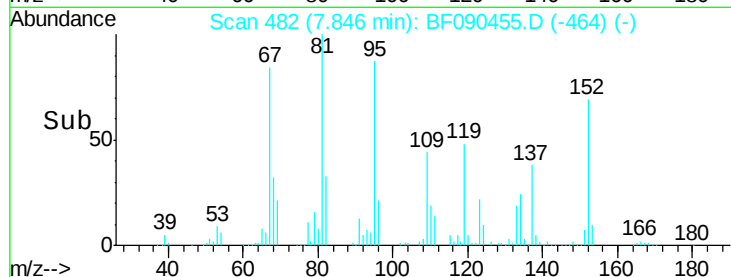
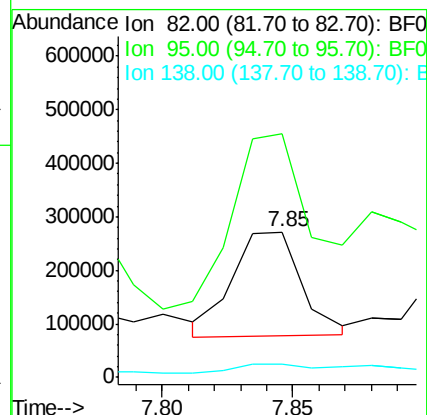
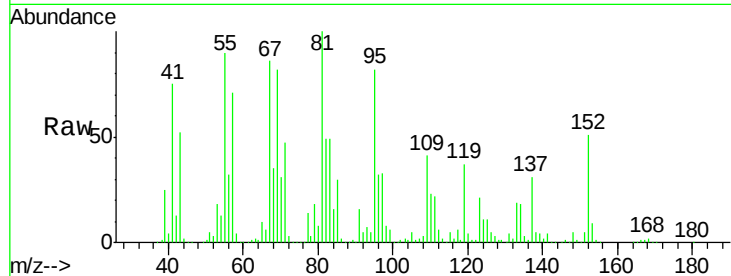
Tgt Ion: 82 Resp: 360762

Ion Ratio Lower Upper

82 100

95 167.2 5.2 7.8#

138 9.3 13.0 19.4#



#26

2-Nitrophenol

Concen: 11.00 ng

RT: 7.94 min Scan# 490

Delta R.T. 0.03 min

Lab File: BF090455.D

Acq: 7 Oct 2016 20:35

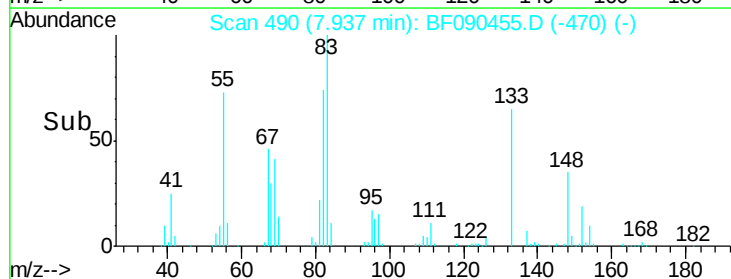
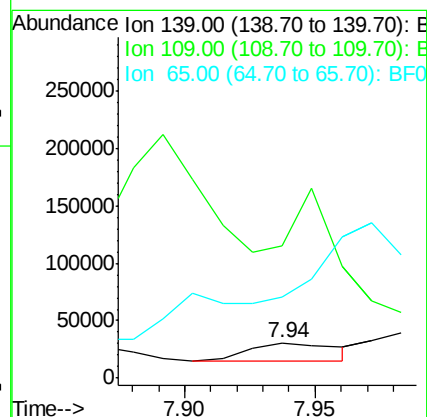
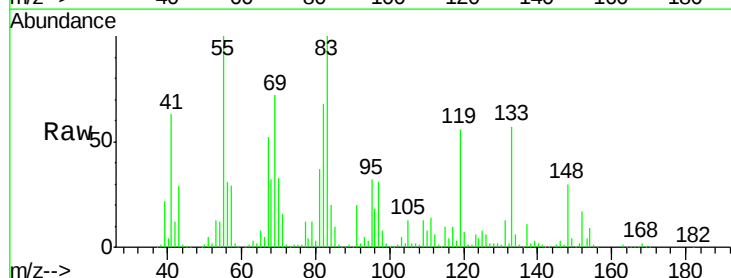
Tgt Ion: 139 Resp: 35876

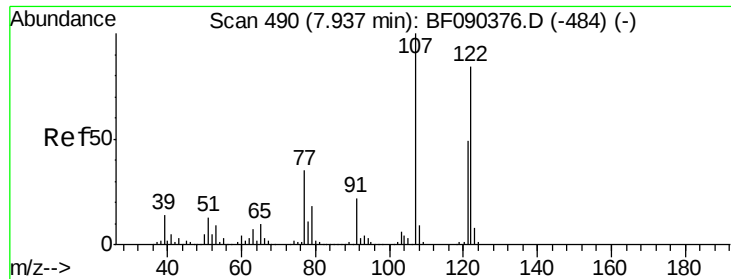
Ion Ratio Lower Upper

139 100

109 374.7 18.9 28.3#

65 231.1 31.6 47.4#

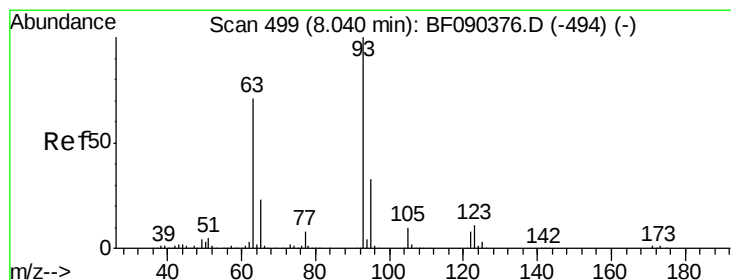
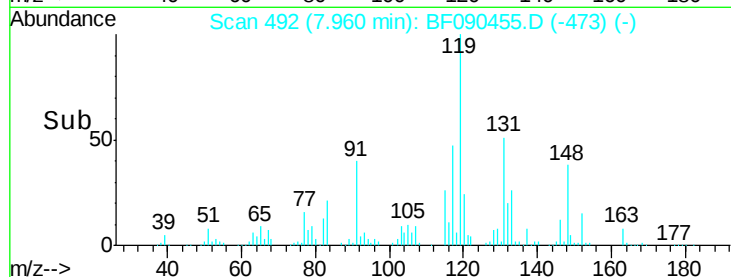
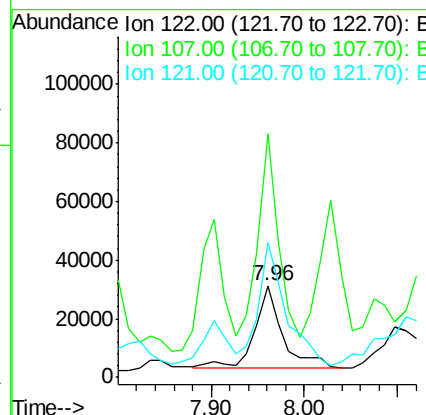
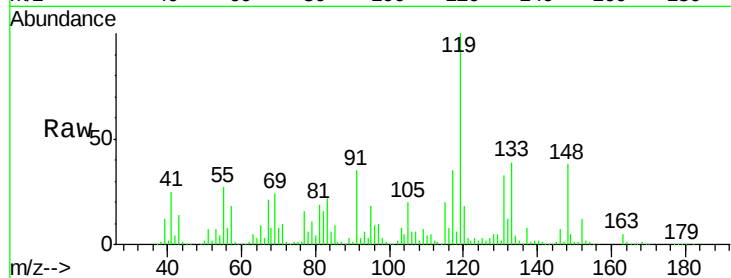




#27
 2,4-Dimethylphenol
 Concen: 9.49 ng
 RT: 7.96 min Scan# 492
 Delta R.T. 0.02 min
 Lab File: BF090455.D
 Acq: 7 Oct 2016 20:35

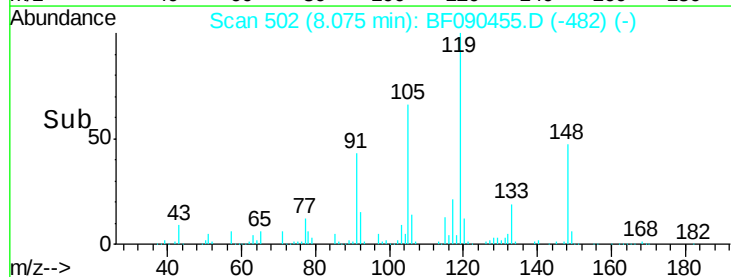
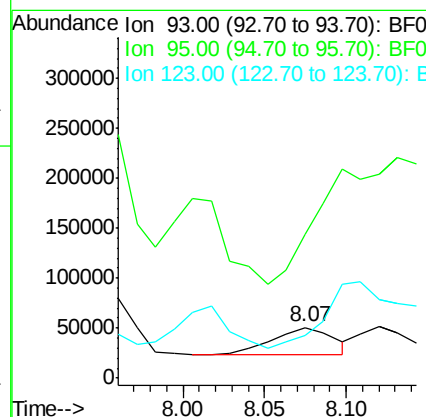
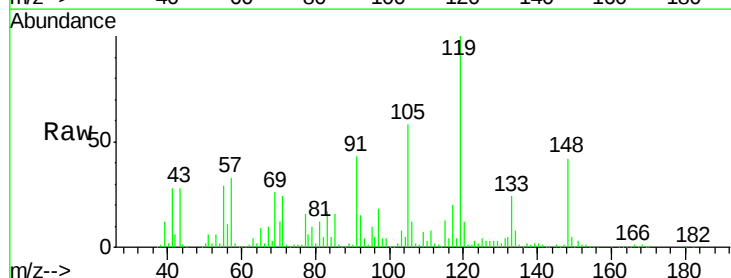
Instrument :
 BNA_F
 ClientSampleId :
 T-6

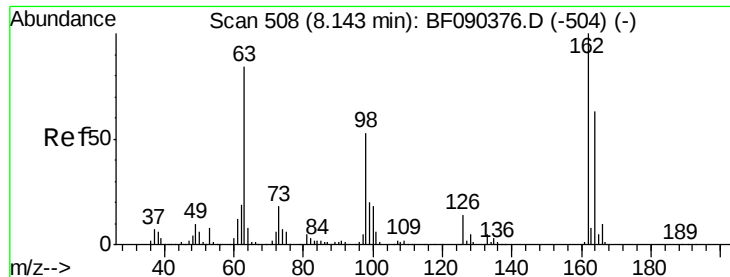
Tgt Ion: 122 Resp: 60148
 Ion Ratio Lower Upper
 122 100
 107 265.7 88.6 132.8#
 121 146.8 47.5 71.3#



#28
 bis(2-Chloroethoxy)methane
 Concen: 8.81 ng
 RT: 8.07 min Scan# 502
 Delta R.T. 0.03 min
 Lab File: BF090455.D
 Acq: 7 Oct 2016 20:35

Tgt Ion: 93 Resp: 72725
 Ion Ratio Lower Upper
 93 100
 95 285.7 27.0 40.4#
 123 85.3 11.1 16.7#

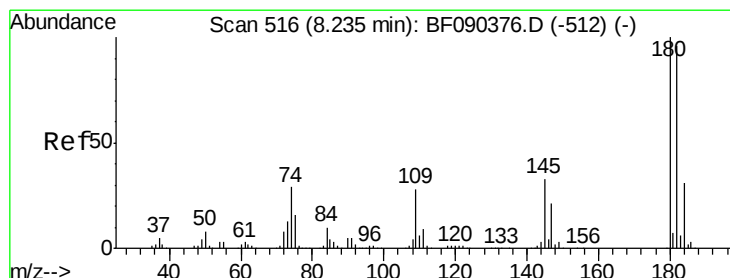
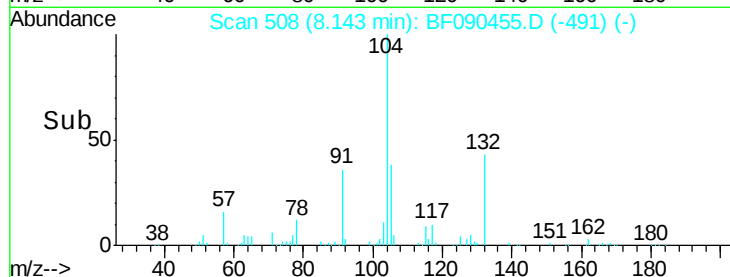
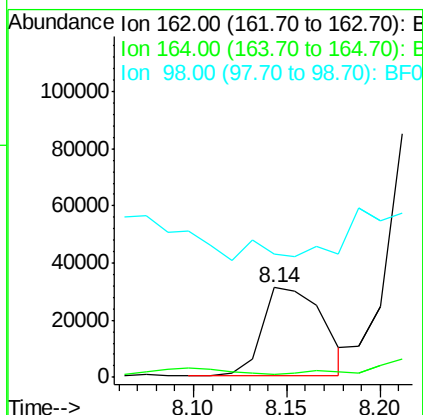
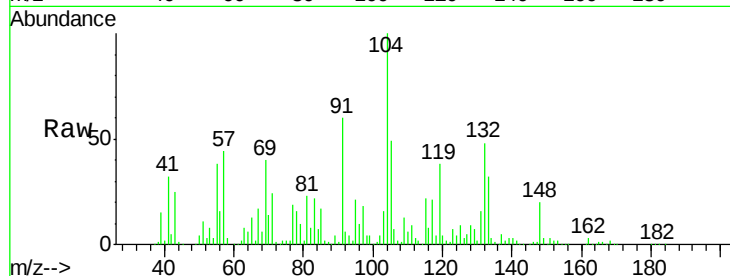




#29
2,4-Dichlorophenol
Concen: 14.70 ng
RT: 8.14 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF090455.D
Acq: 7 Oct 2016 20:35

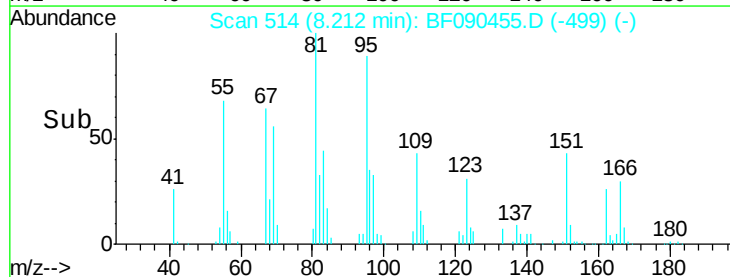
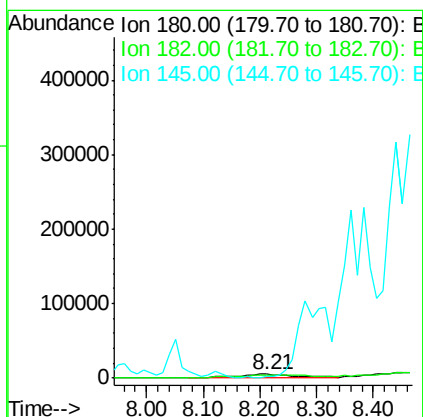
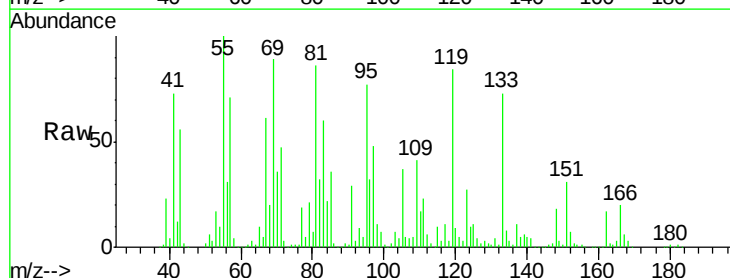
Instrument :
BNA_F
ClientSampleId :
T-6

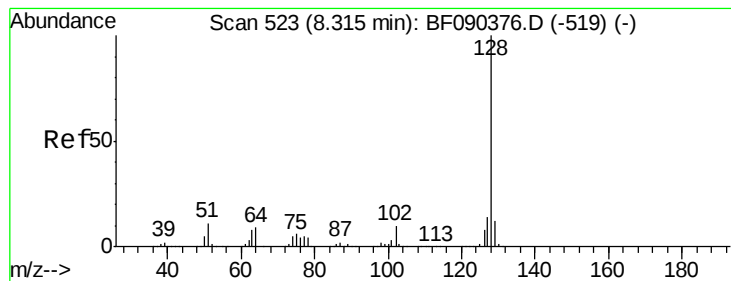
Tgt Ion:162 Resp: 70869
Ion Ratio Lower Upper
162 100
164 4.0 45.7 85.7#
98 136.7 13.3 53.3#



#30
1,2,4-Trichlorobenzene
Concen: 5.98 ng
RT: 8.21 min Scan# 514
Delta R.T. -0.02 min
Lab File: BF090455.D
Acq: 7 Oct 2016 20:35

Tgt Ion:180 Resp: 29707
Ion Ratio Lower Upper
180 100
182 60.6 75.3 112.9#
145 30.7 27.7 41.5





#31

Naphthalene

Concen: 259.86 ng

RT: 8.34 min Scan# 525

Delta R.T. 0.02 min

Lab File: BF090455.D

Acq: 7 Oct 2016 20:35

Instrument :

BNA_F

ClientSampleId :

T-6

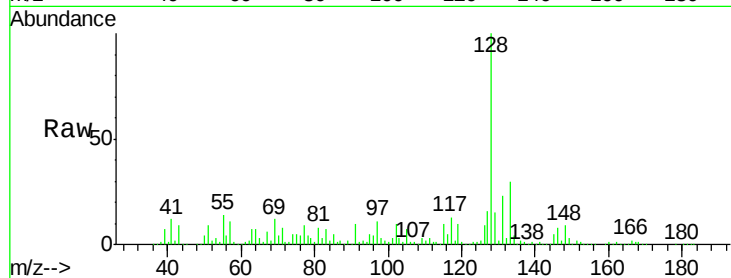
Tgt Ion:128 Resp: 4653399

Ion Ratio Lower Upper

128 100

129 15.2 9.7 14.5#

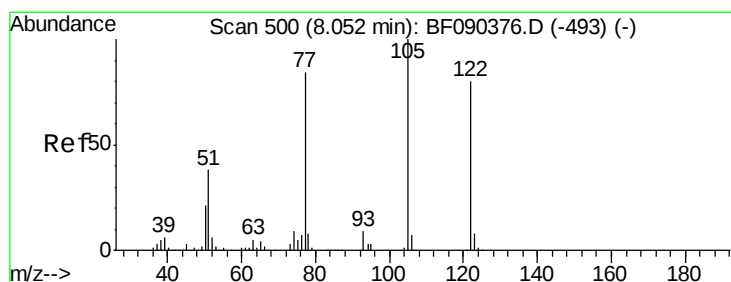
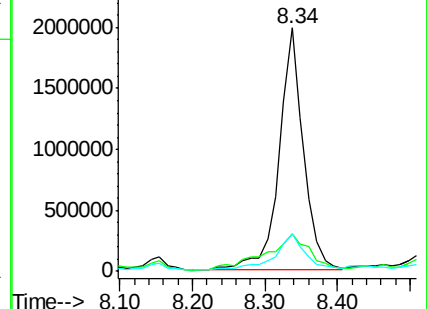
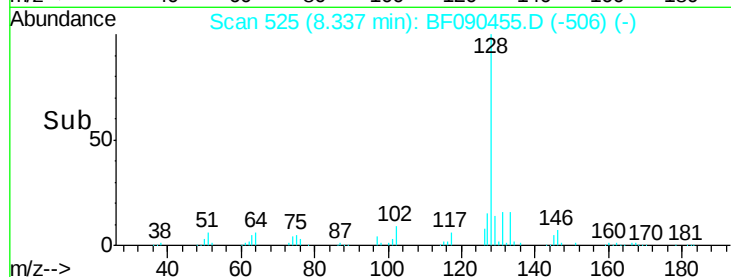
127 15.6 11.7 17.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 11.29 ng

RT: 8.10 min Scan# 504

Delta R.T. 0.05 min

Lab File: BF090455.D

Acq: 7 Oct 2016 20:35

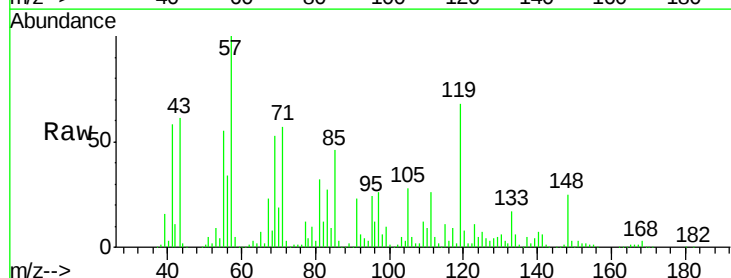
Tgt Ion:122 Resp: 49756

Ion Ratio Lower Upper

122 100

105 1413.2 103.9 143.9#

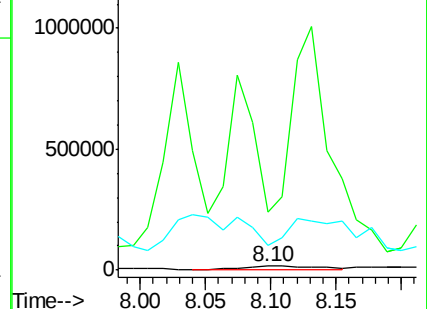
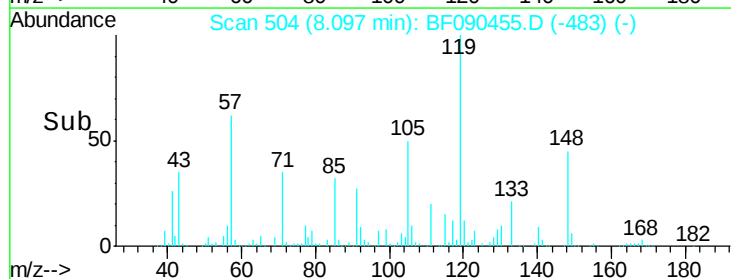
77 582.2 74.6 114.6#

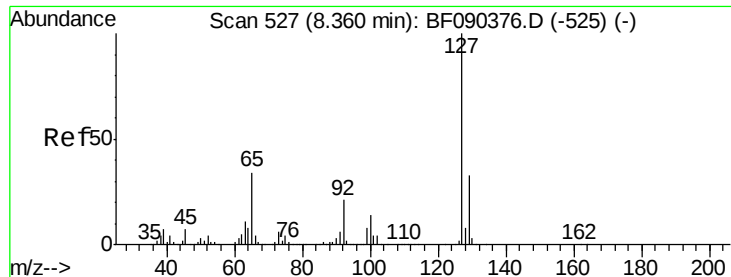


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

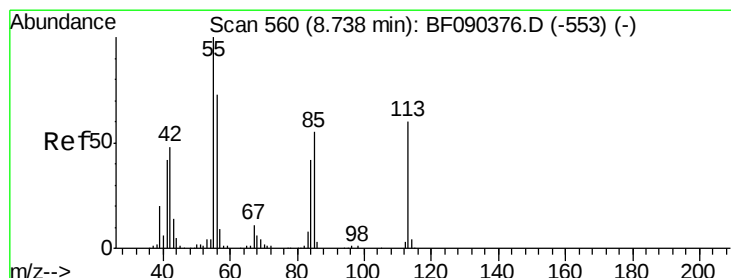
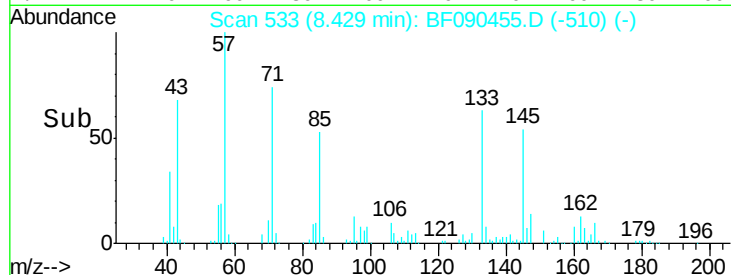
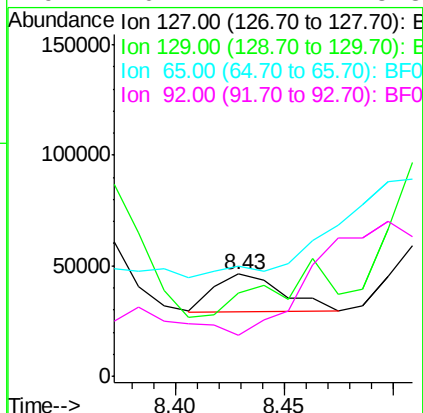
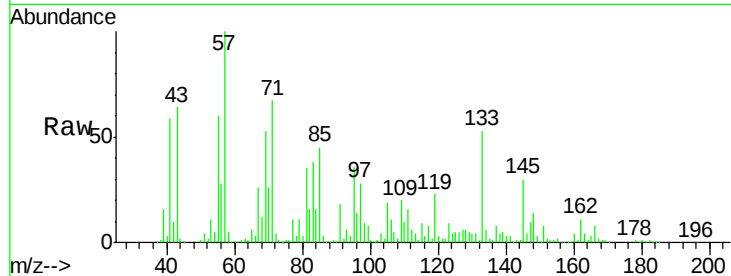




#33
4-Chloroaniline
Concen: 5.09 ng
RT: 8.43 min Scan# 533
Delta R.T. 0.07 min
Lab File: BF090455.D
Acq: 7 Oct 2016 20:35

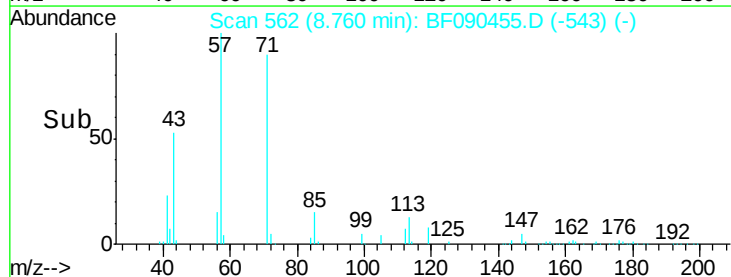
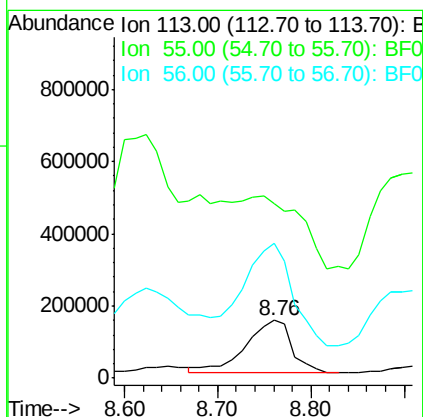
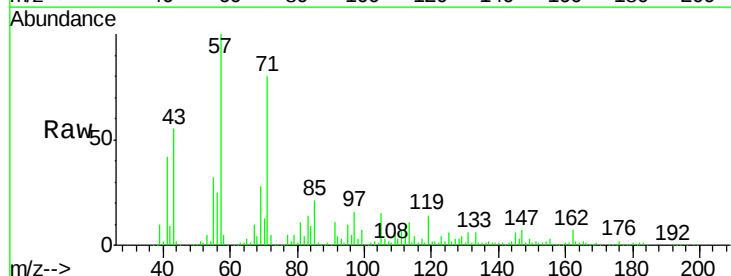
Instrument :
BNA_F
ClientSampled :
T-6

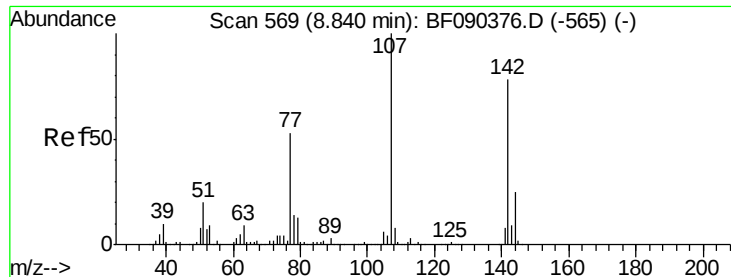
Tgt Ion:127 Resp: 37693
Ion Ratio Lower Upper
127 100
129 81.2 26.2 39.4#
65 108.3 32.5 48.7#
92 40.2 17.2 25.8#



#35
Caprolactam
Concen: 314.80 ng
RT: 8.76 min Scan# 562
Delta R.T. 0.02 min
Lab File: BF090455.D
Acq: 7 Oct 2016 20:35

Tgt Ion:113 Resp: 510260
Ion Ratio Lower Upper
113 100
55 303.2 203.3 243.3#
56 235.6 140.5 180.5#

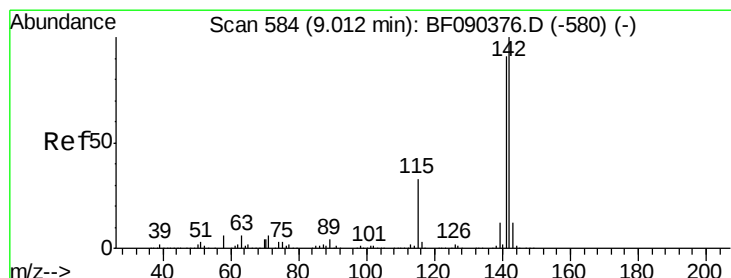
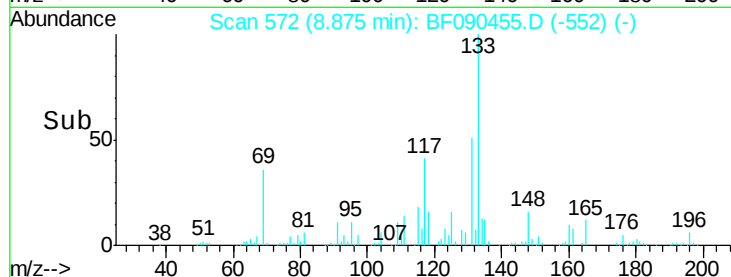
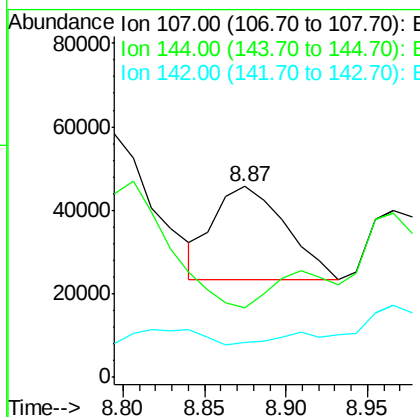
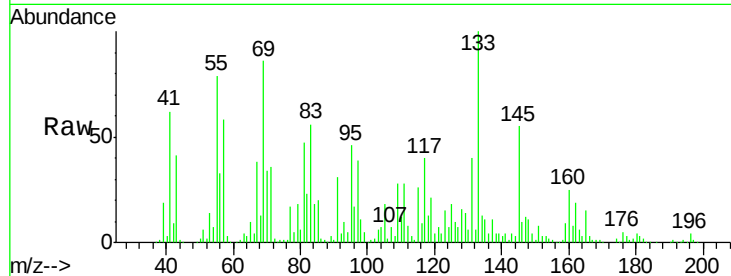




#36
4-Chloro-3-methylphenol
Concen: 11.33 ng
RT: 8.87 min Scan# 572
Delta R.T. 0.03 min
Lab File: BF090455.D
Acq: 7 Oct 2016 20:35

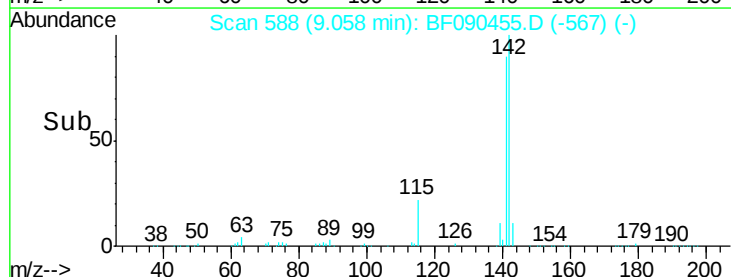
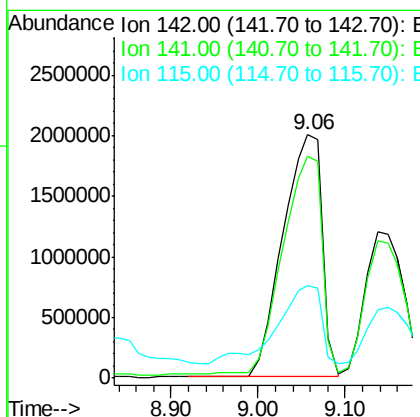
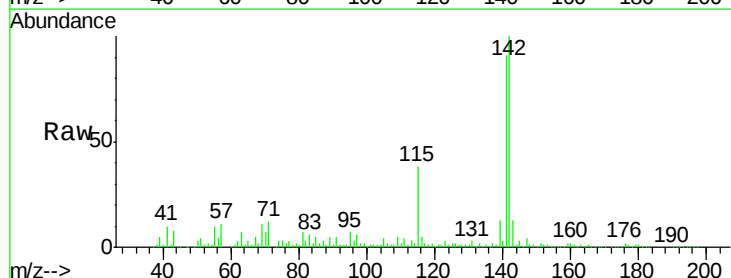
Instrument :
BNA_F
ClientSampleId :
T-6

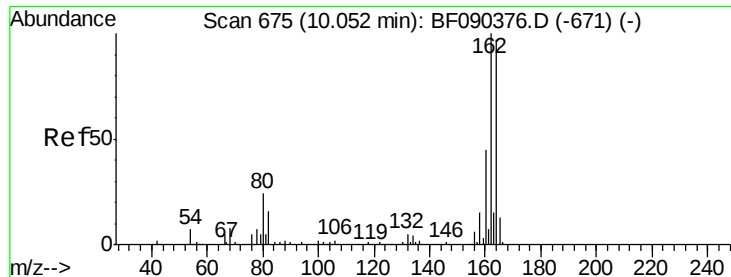
Tgt Ion:107 Resp: 68379
Ion Ratio Lower Upper
107 100
144 36.3 19.8 29.8#
142 18.0 60.7 91.1#



#37
2-Methylnaphthalene
Concen: 576.84 ng
RT: 9.06 min Scan# 588
Delta R.T. 0.05 min
Lab File: BF090455.D
Acq: 7 Oct 2016 20:35

Tgt Ion:142 Resp: 6252645
Ion Ratio Lower Upper
142 100
141 91.1 71.8 107.8
115 38.0 28.8 43.2

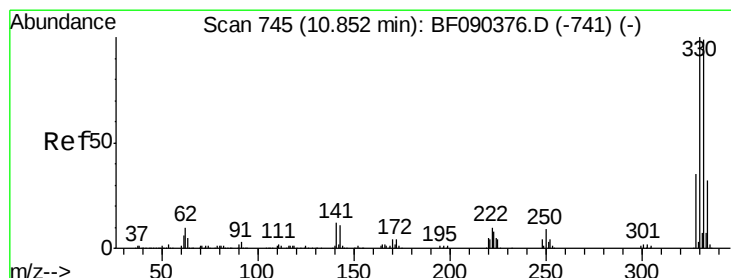
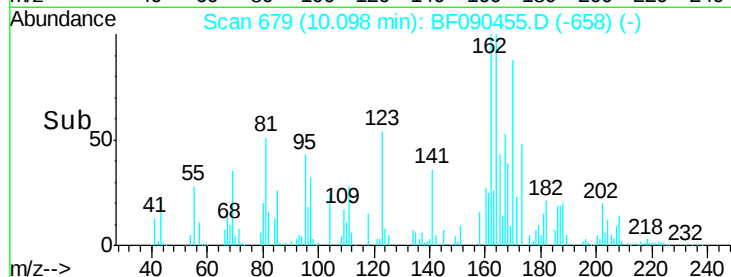
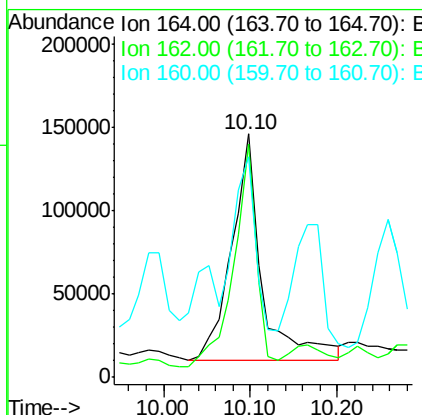
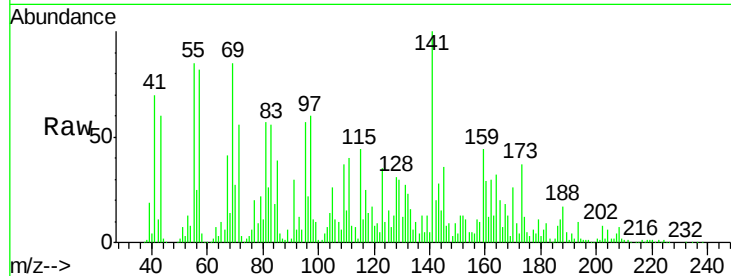




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.10 min Scan# 679
Delta R.T. 0.05 min
Lab File: BF090455.D
Acq: 7 Oct 2016 20:35

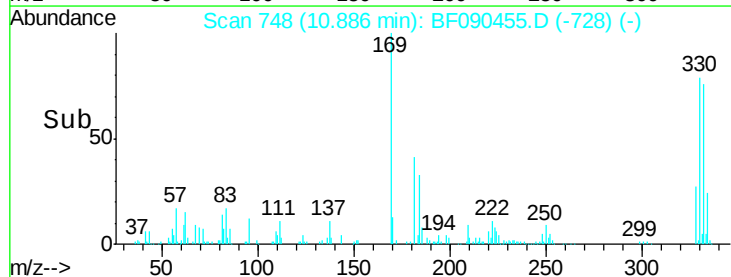
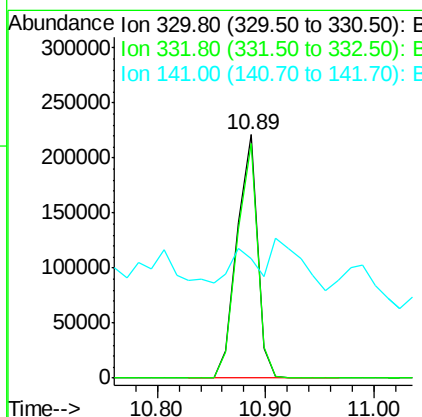
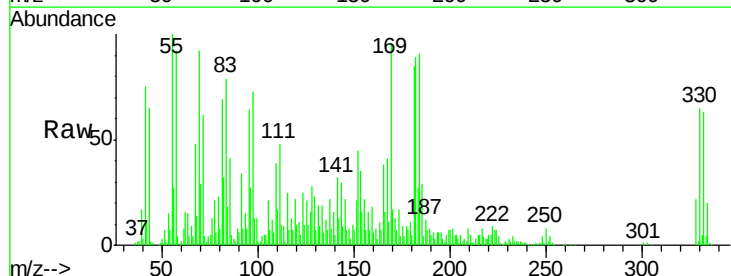
Instrument :
BNA_F
ClientSampleId :
T-6

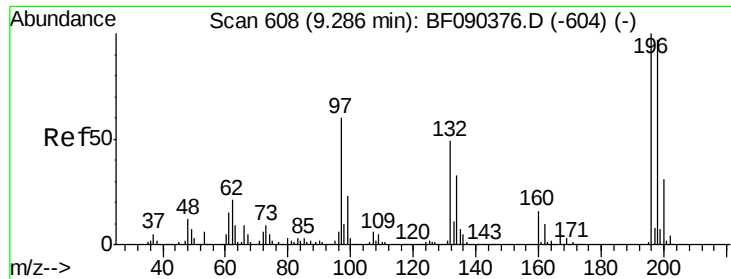
Tgt Ion:164 Resp: 327032
Ion Ratio Lower Upper
164 100
162 96.0 80.1 120.1
160 90.4 36.3 54.5#



#41
2,4,6-Tribromophenol
Concen: 107.92 ng
RT: 10.89 min Scan# 748
Delta R.T. 0.03 min
Lab File: BF090455.D
Acq: 7 Oct 2016 20:35

Tgt Ion:330 Resp: 286977
Ion Ratio Lower Upper
330 100
332 96.5 75.4 113.0
141 32.2 26.9 40.3

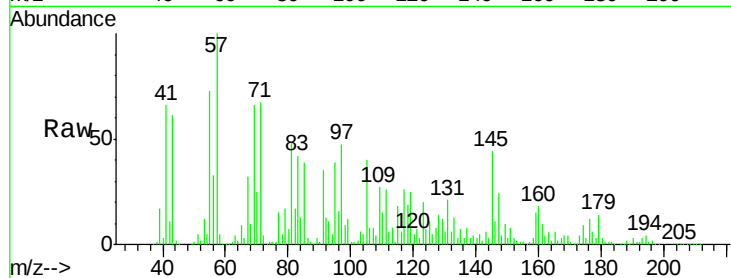




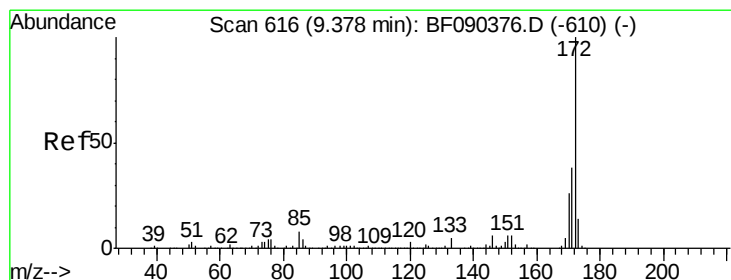
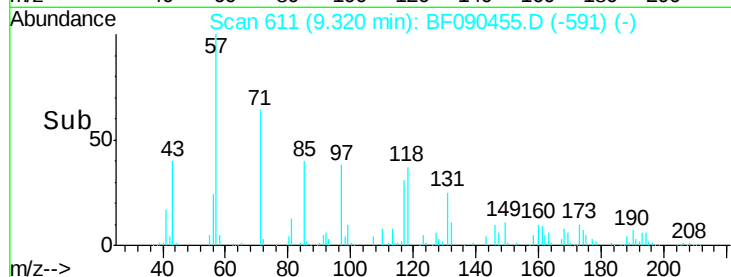
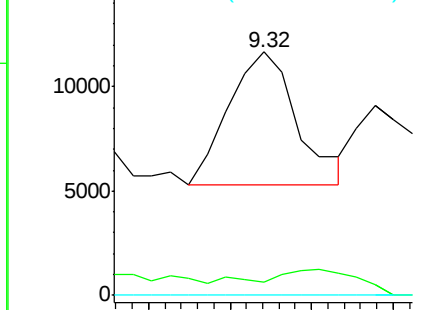
#42
 2,4,6-Trichlorophenol
 Concen: 3.09 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.03 min
 Lab File: BF090455.D
 Acq: 7 Oct 2016 20:35

Instrument :
 BNA_F
 ClientSampleId :
 T-6

Tgt Ion:196 Resp: 18381
 Ion Ratio Lower Upper
 196 100
 198 5.5 78.9 118.3#
 200 0.0 25.4 38.2#

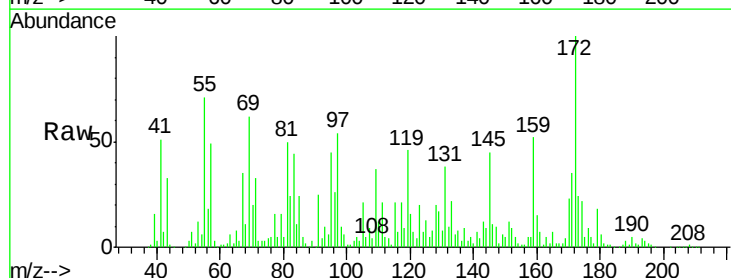


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

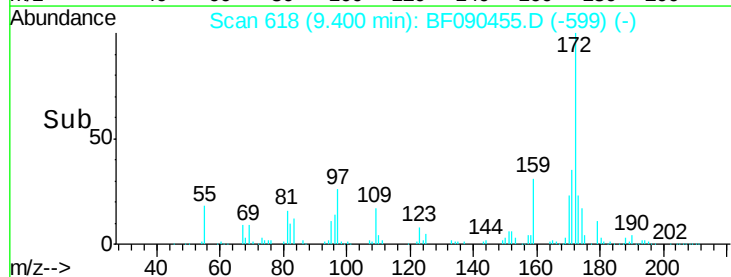
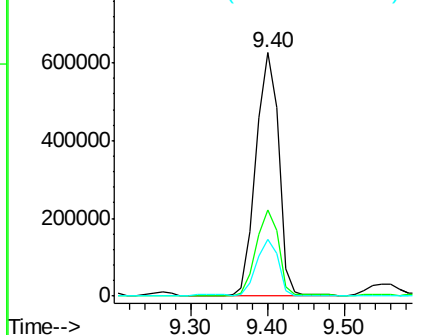


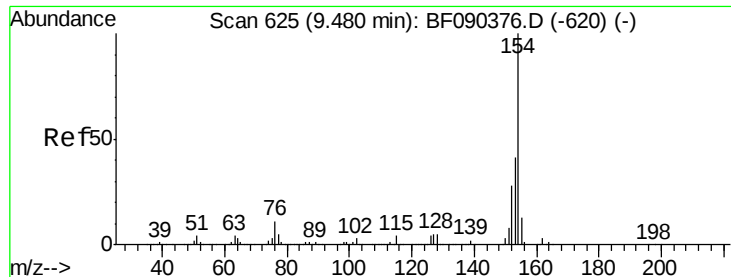
#44
 2-Fluorobiphenyl
 Concen: 64.94 ng
 RT: 9.40 min Scan# 618
 Delta R.T. 0.02 min
 Lab File: BF090455.D
 Acq: 7 Oct 2016 20:35

Tgt Ion:172 Resp: 1274710
 Ion Ratio Lower Upper
 172 100
 171 35.2 31.8 47.8
 170 23.1 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

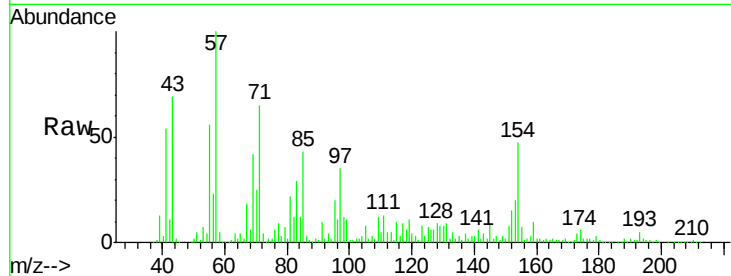




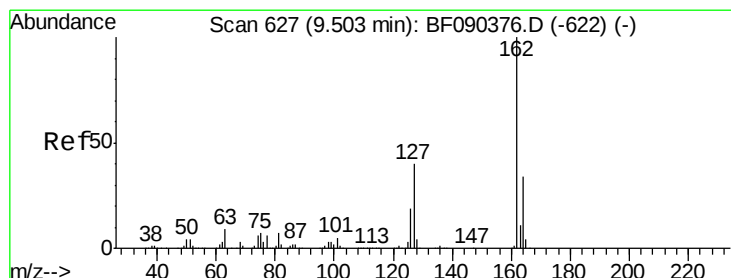
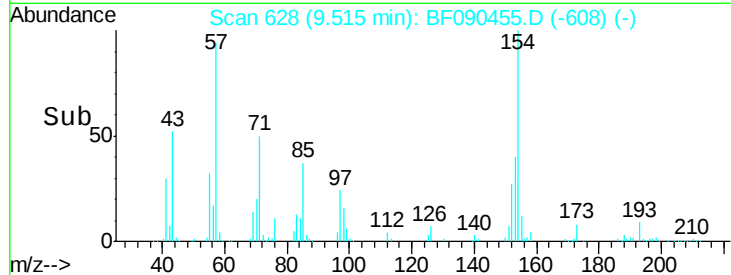
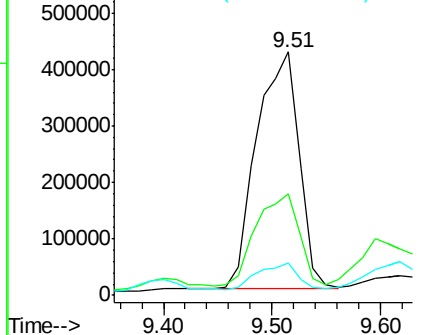
#45
 1,1'-Biphenyl
 Concen: 46.85 ng
 RT: 9.51 min Scan# 628
 Delta R.T. 0.03 min
 Lab File: BF090455.D
 Acq: 7 Oct 2016 20:35

Instrument :
 BNA_F
 ClientSampled :
 T-6

Tgt Ion:154 Resp: 1135287
 Ion Ratio Lower Upper
 154 100
 153 41.9 23.8 63.8
 76 13.3 0.0 35.8

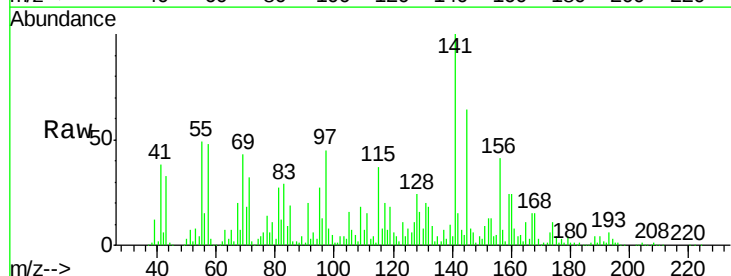


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

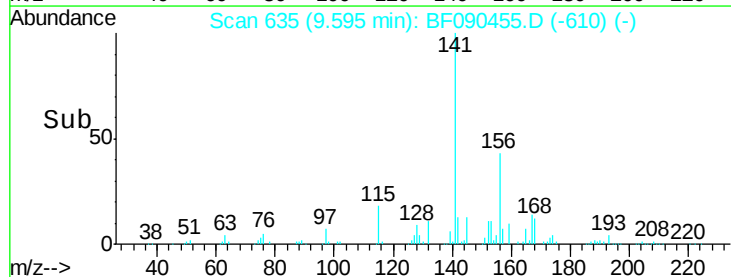
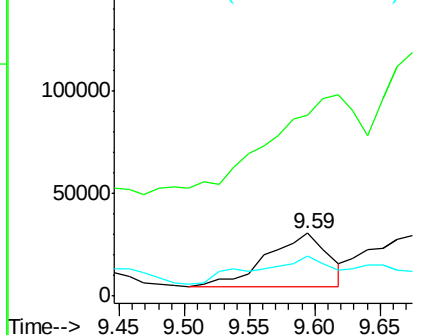


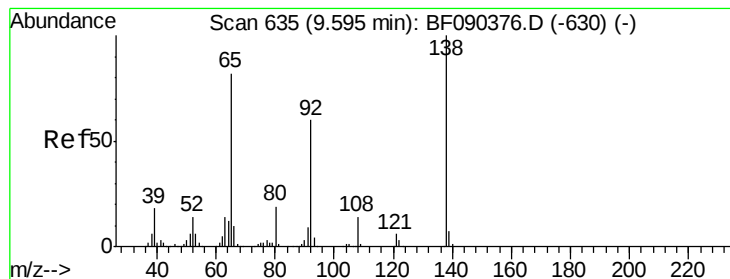
#46
 2-Chloronaphthalene
 Concen: 4.80 ng
 RT: 9.59 min Scan# 635
 Delta R.T. 0.09 min
 Lab File: BF090455.D
 Acq: 7 Oct 2016 20:35

Tgt Ion:162 Resp: 85881
 Ion Ratio Lower Upper
 162 100
 127 287.3 35.6 53.4#
 164 64.2 27.5 41.3#



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





#47

2-Nitroaniline

Concen: 9.21 ng

RT: 9.64 min Scan# 639

Delta R.T. 0.05 min

Lab File: BF090455.D

Acq: 7 Oct 2016 20:35

Instrument :

BNA_F

ClientSampled :

T-6

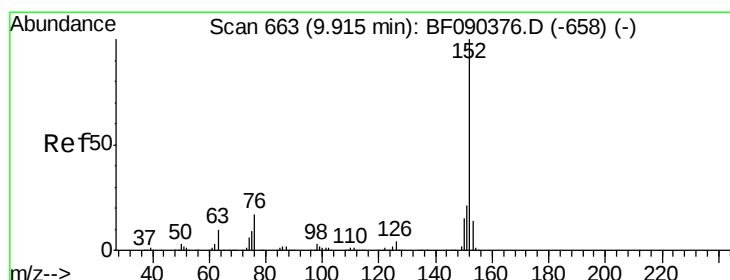
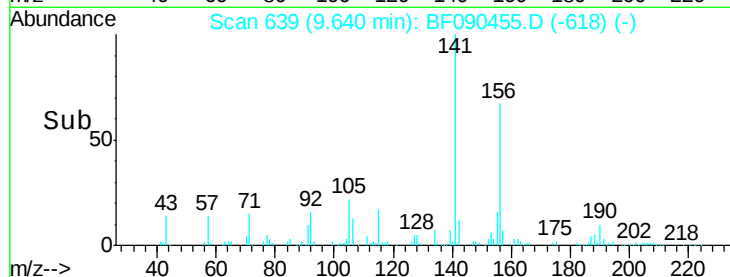
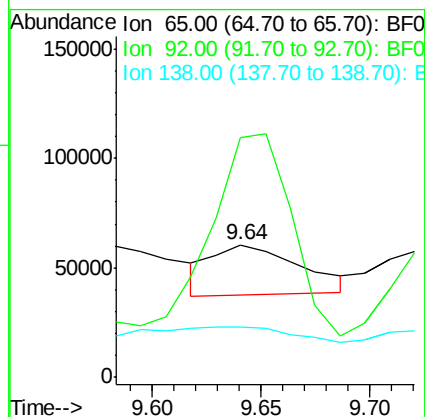
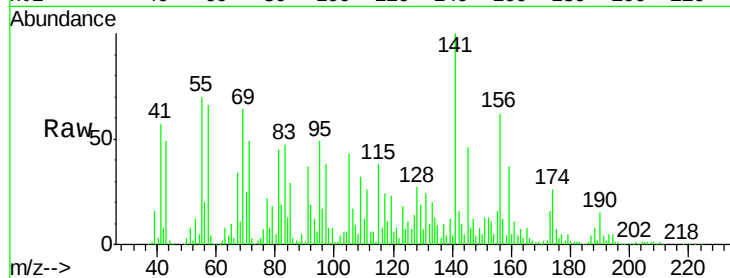
Tgt Ion: 65 Resp: 65058

Ion Ratio Lower Upper

65 100

92 180.8 51.7 77.5#

138 37.9 79.0 118.4#



#48

Acenaphthylene

Concen: 8.97 ng

RT: 9.96 min Scan# 667

Delta R.T. 0.05 min

Lab File: BF090455.D

Acq: 7 Oct 2016 20:35

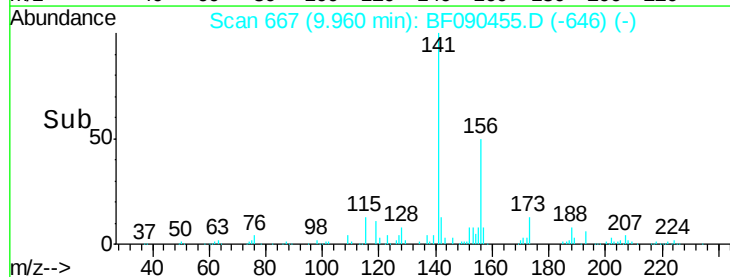
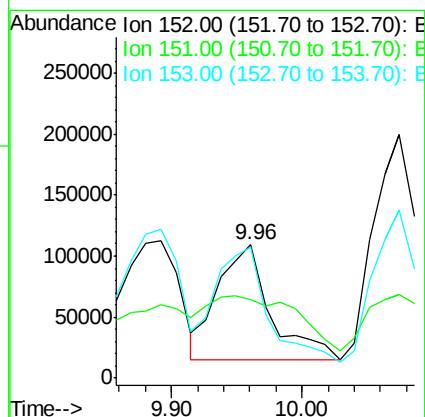
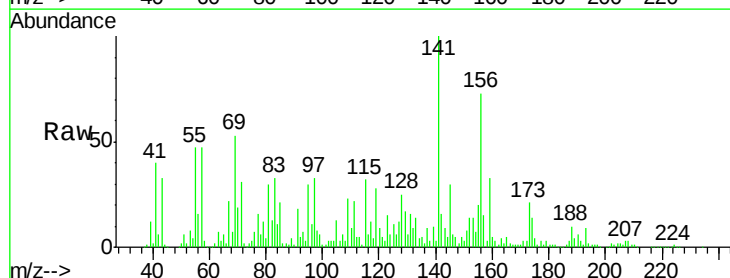
Tgt Ion: 152 Resp: 264908

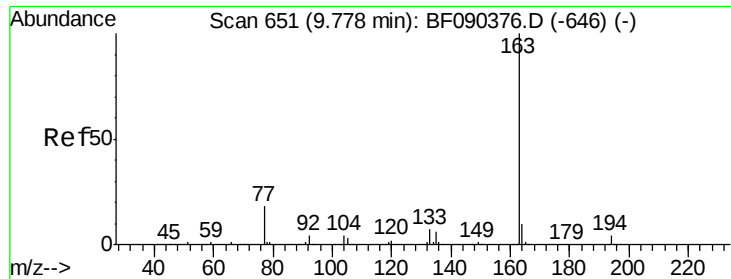
Ion Ratio Lower Upper

152 100

151 58.6 17.4 26.0#

153 98.7 11.6 17.4#

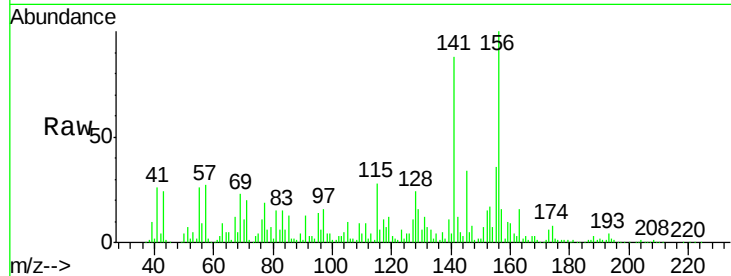




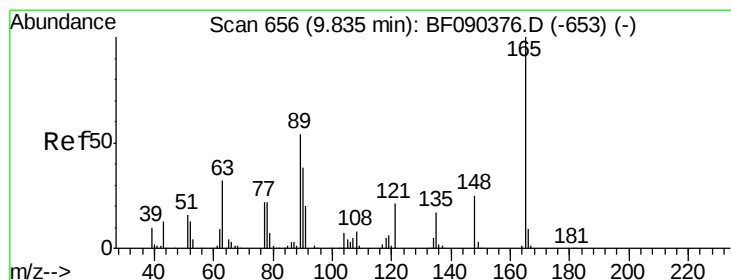
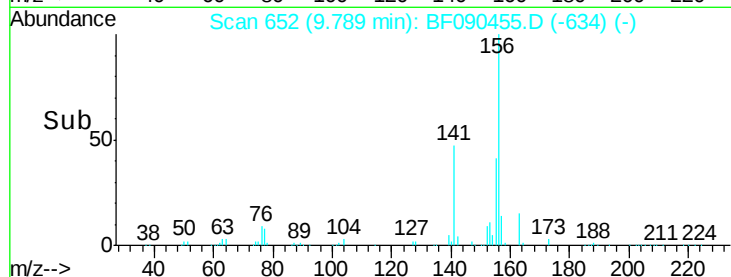
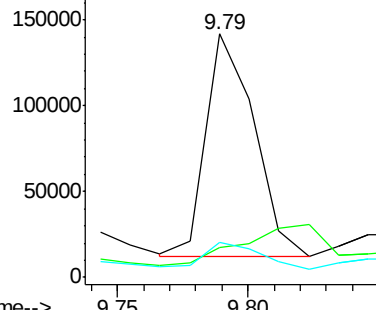
#49
Dimethylphthalate
Concen: 8.05 ng
RT: 9.79 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF090455.D
Acq: 7 Oct 2016 20:35

Instrument :
BNA_F
ClientSampleId :
T-6

Tgt Ion:163 Resp: 168603
Ion Ratio Lower Upper
163 100
194 12.1 2.8 4.2#
164 14.3 9.0 13.4#

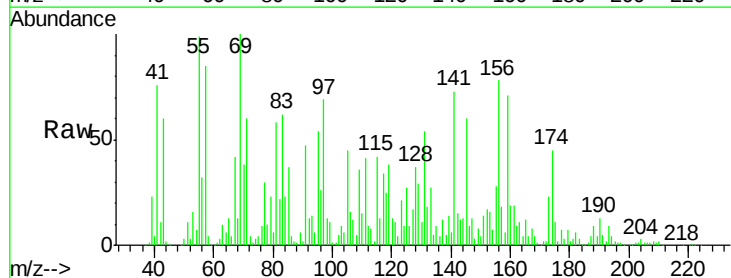


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

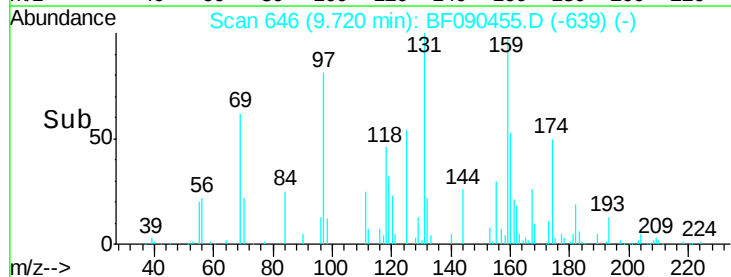
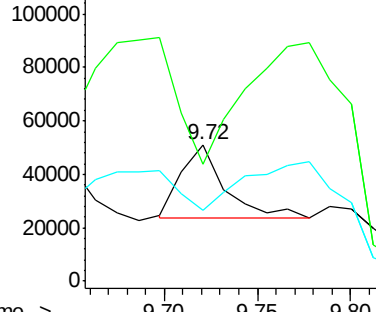


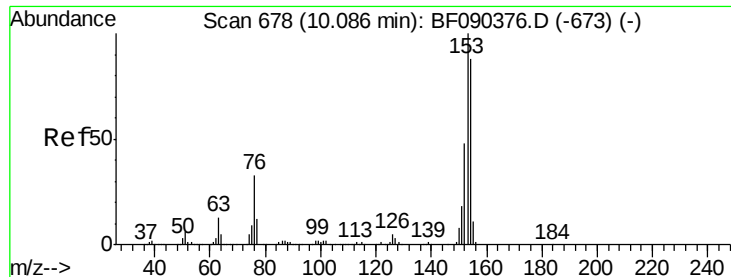
#50
2,6-Dinitrotoluene
Concen: 9.64 ng
RT: 9.72 min Scan# 646
Delta R.T. -0.11 min
Lab File: BF090455.D
Acq: 7 Oct 2016 20:35

Tgt Ion:165 Resp: 44842
Ion Ratio Lower Upper
165 100
63 85.6 58.0 87.0
89 52.0 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: 11.94 ng

RT: 10.13 min Scan# 682

Delta R.T. 0.05 min

Lab File: BF090455.D

Acq: 7 Oct 2016 20:35

Instrument :

BNA_F

ClientSampled :

T-6

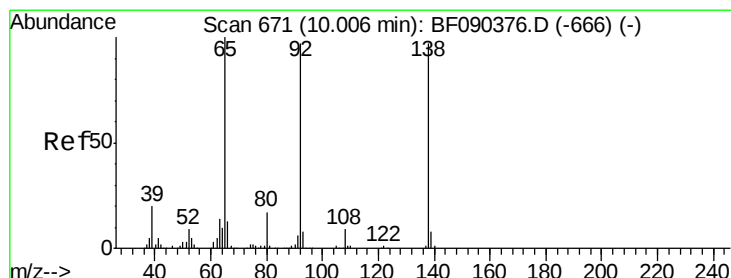
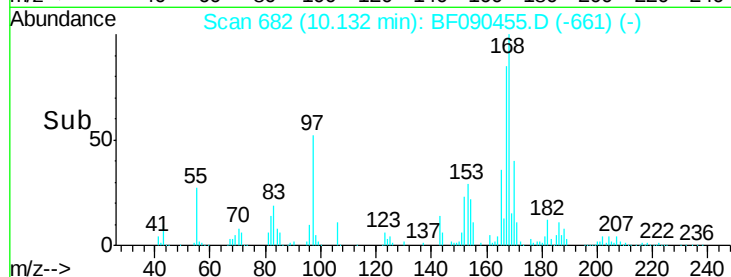
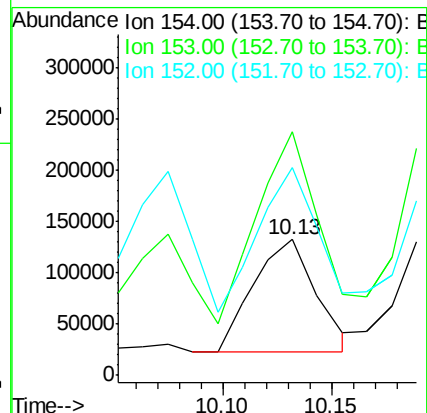
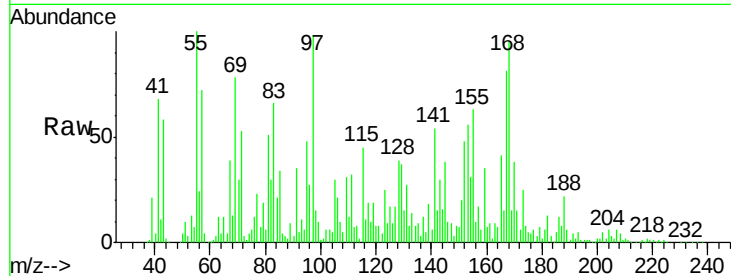
Tgt Ion:154 Resp: 220039

Ion Ratio Lower Upper

154 100

153 179.7 88.6 133.0#

152 153.1 42.6 64.0#



#52

3-Nitroaniline

Concen: 6.08 ng

RT: 10.05 min Scan# 675

Delta R.T. 0.05 min

Lab File: BF090455.D

Acq: 7 Oct 2016 20:35

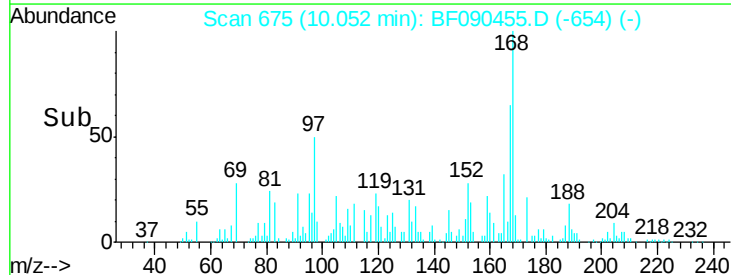
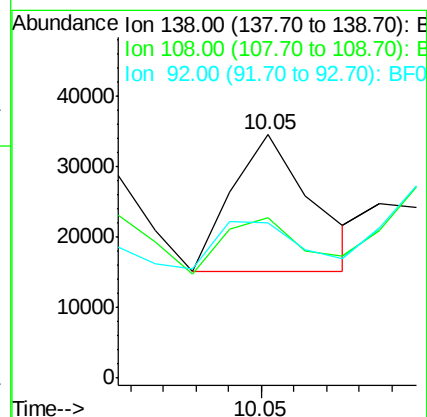
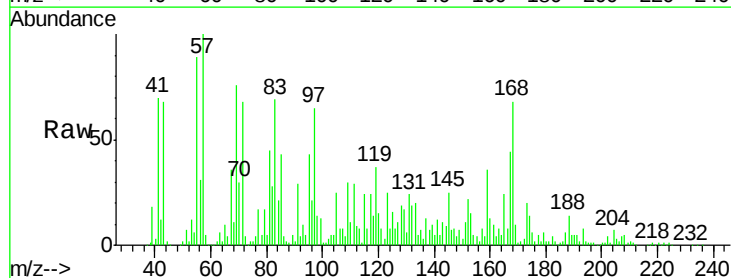
Tgt Ion:138 Resp: 33031

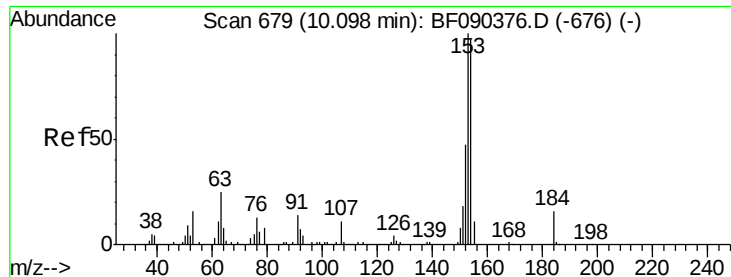
Ion Ratio Lower Upper

138 100

108 66.1 9.7 14.5#

92 63.5 97.1 145.7#

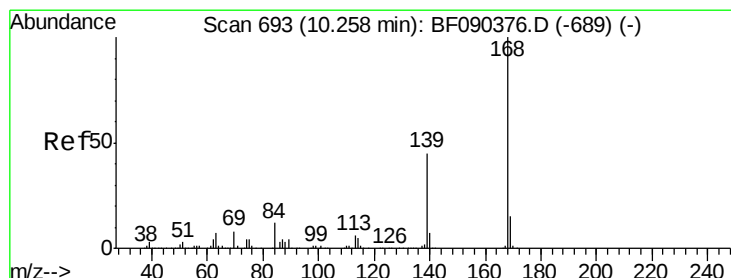
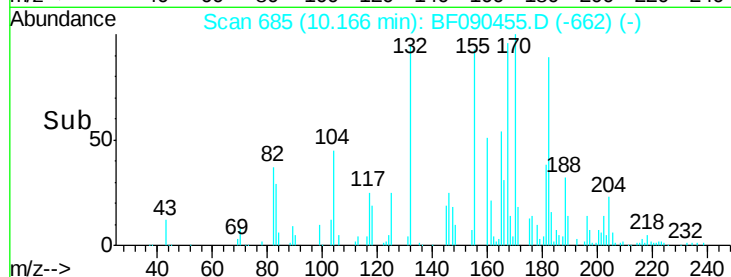
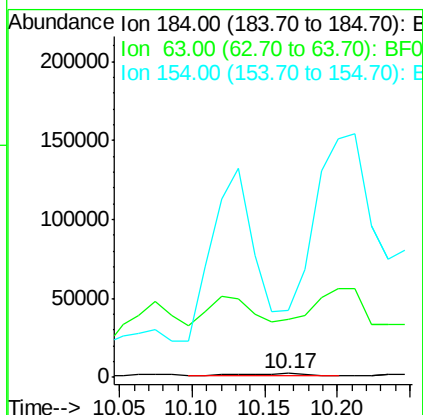
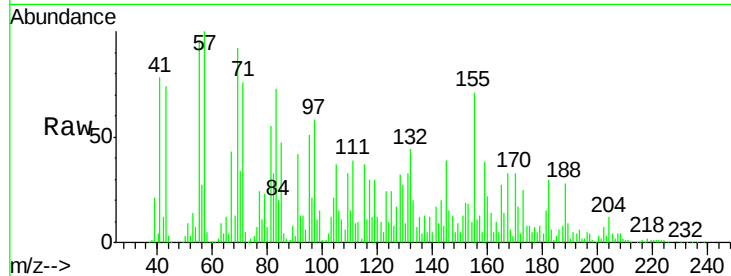




#53
2,4-Dinitrophenol
Concen: 2.42 ng
RT: 10.17 min Scan# 685
Delta R.T. 0.07 min
Lab File: BF090455.D
Acq: 7 Oct 2016 20:35

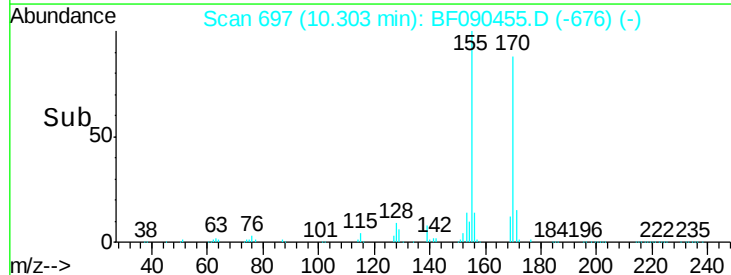
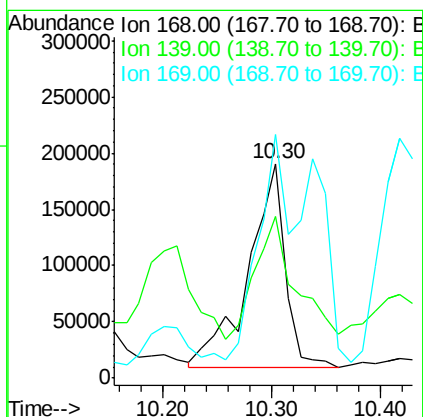
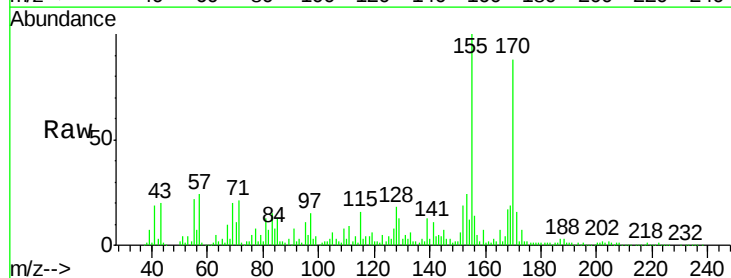
Instrument :
BNA_F
ClientSampled :
T-6

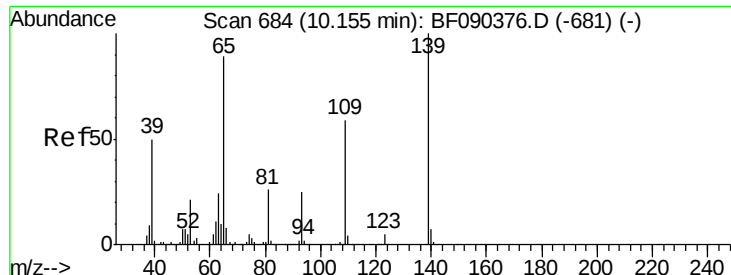
Tgt Ion:184 Resp: 5014
Ion Ratio Lower Upper
184 100
63 1407.7 41.9 62.9#
154 1633.3 48.9 73.3#



#54
Dibenzofuran
Concen: 17.95 ng
RT: 10.30 min Scan# 697
Delta R.T. 0.05 min
Lab File: BF090455.D
Acq: 7 Oct 2016 20:35

Tgt Ion:168 Resp: 428011
Ion Ratio Lower Upper
168 100
139 75.3 29.6 44.4#
169 113.4 11.3 16.9#

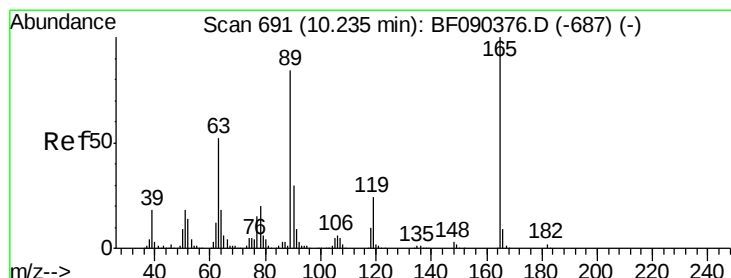
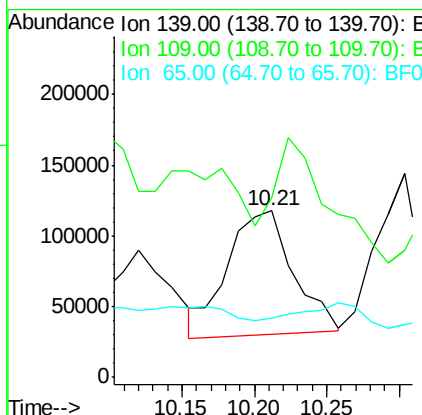
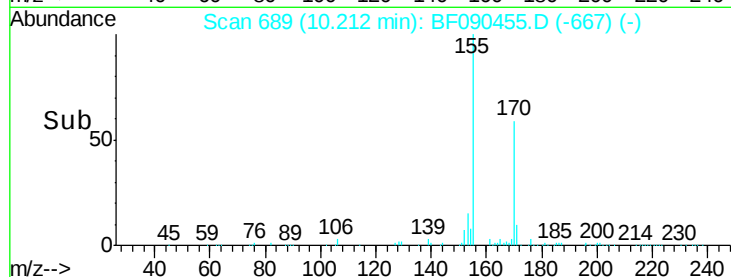
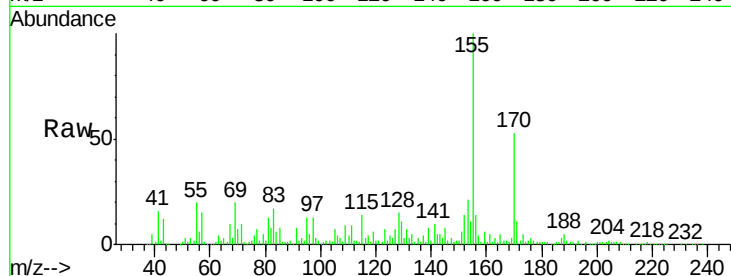




#55
4-Nitrophenol
Concen: 58.31 ng
RT: 10.21 min Scan# 689
Delta R.T. 0.06 min
Lab File: BF090455.D
Acq: 7 Oct 2016 20:35

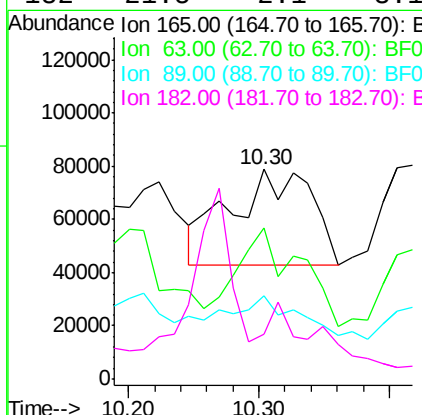
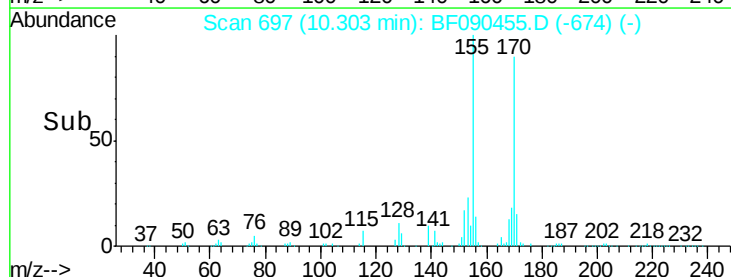
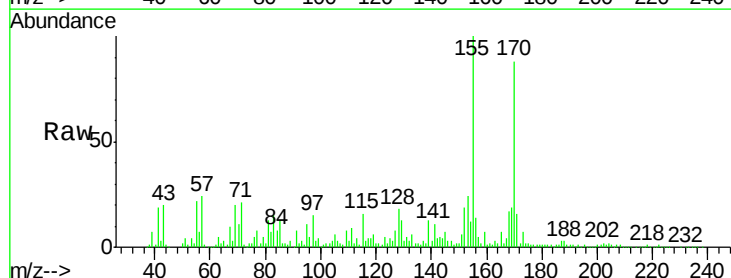
Instrument :
BNA_F
ClientSampled :
T-6

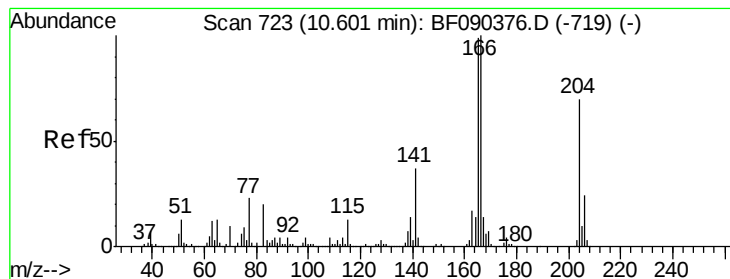
Tgt Ion:139 Resp: 277145
Ion Ratio Lower Upper
139 100
109 107.6 43.6 83.6#
65 35.5 87.5 127.5#



#56
2,4-Dinitrotoluene
Concen: 24.66 ng
RT: 10.30 min Scan# 697
Delta R.T. 0.07 min
Lab File: BF090455.D
Acq: 7 Oct 2016 20:35

Tgt Ion:165 Resp: 152637
Ion Ratio Lower Upper
165 100
63 72.1 17.8 26.6#
89 39.6 33.2 49.8
182 21.5 2.1 3.1#





#57

Fluorene

Concen: 59.33 ng

RT: 10.65 min Scan# 727

Delta R.T. 0.05 min

Lab File: BF090455.D

Acq: 7 Oct 2016 20:35

Instrument :

BNA_F

ClientSampleId :

T-6

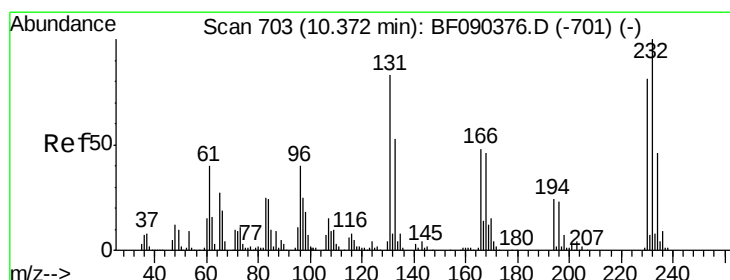
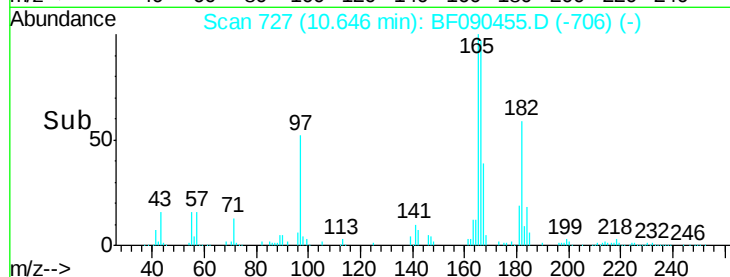
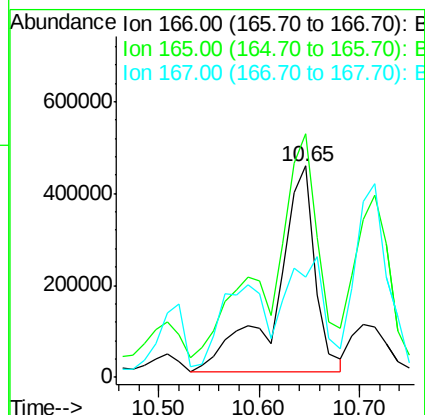
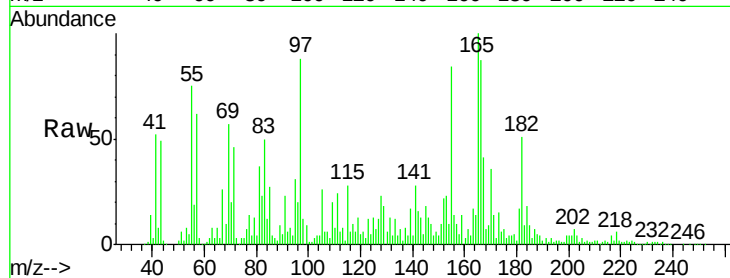
Tgt Ion:166 Resp: 1188908

Ion Ratio Lower Upper

166 100

165 115.3 79.2 118.8

167 47.5 11.1 16.7#



#58

2,3,4,6-Tetrachlorophenol

Concen: 2.68 ng

RT: 10.39 min Scan# 705

Delta R.T. 0.02 min

Lab File: BF090455.D

Acq: 7 Oct 2016 20:35

Tgt Ion:232 Resp: 11274

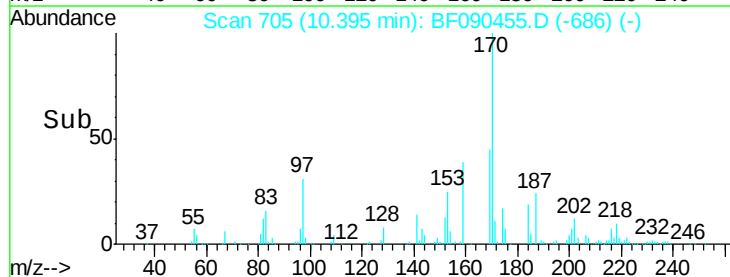
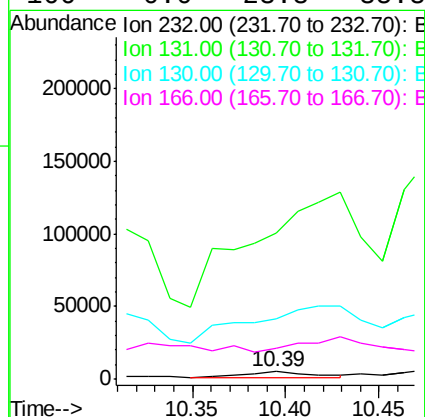
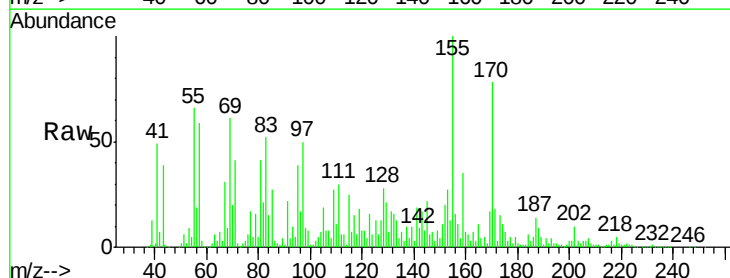
Ion Ratio Lower Upper

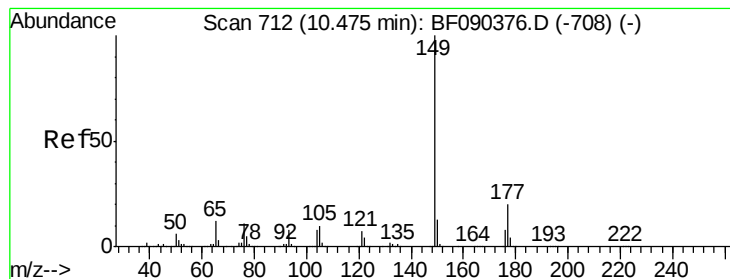
232 100

131 0.0 34.5 51.7#

130 0.0 1.6 2.4#

166 0.0 23.8 35.8#





#59

Diethylphthalate

Concen: 2.67 ng

RT: 10.54 min Scan# 718

Delta R.T. 0.07 min

Lab File: BF090455.D

Acq: 7 Oct 2016 20:35

Instrument :

BNA_F

ClientSampled :

T-6

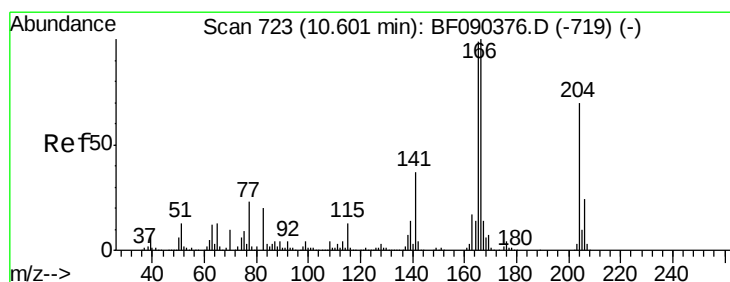
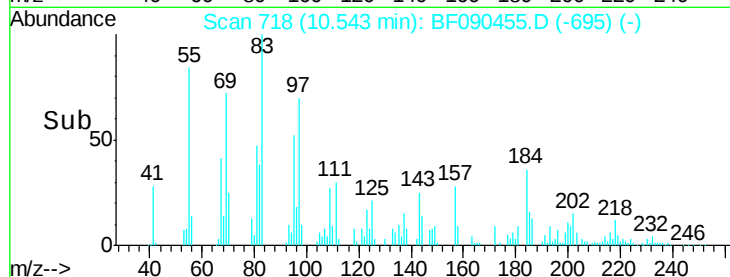
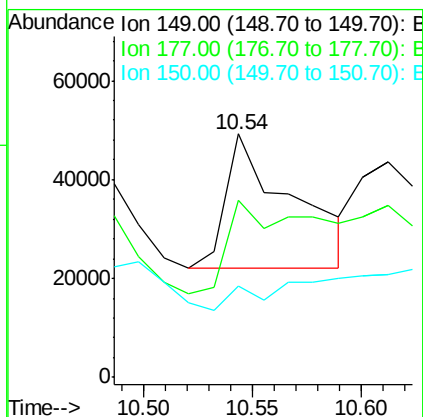
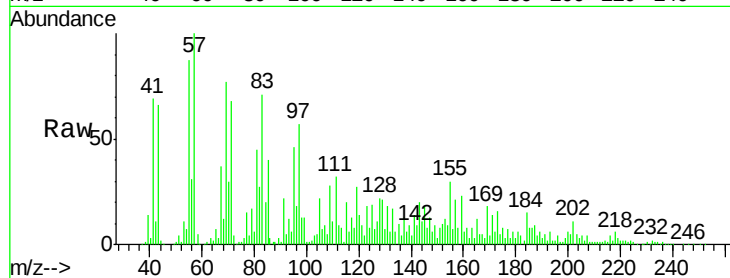
Tgt Ion:149 Resp: 57945

Ion Ratio Lower Upper

149 100

177 72.7 21.1 31.7#

150 37.7 10.2 15.2#



#60

4-Chlorophenyl-phenylether

Concen: 3.35 ng

RT: 10.70 min Scan# 732

Delta R.T. 0.10 min

Lab File: BF090455.D

Acq: 7 Oct 2016 20:35

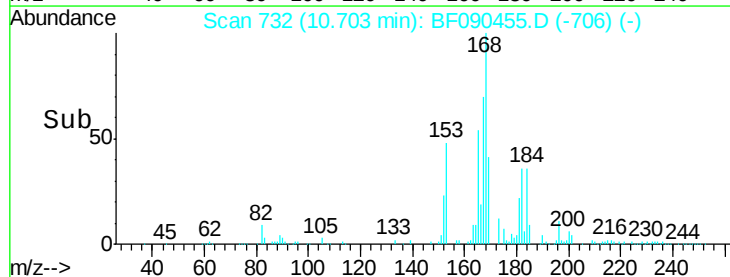
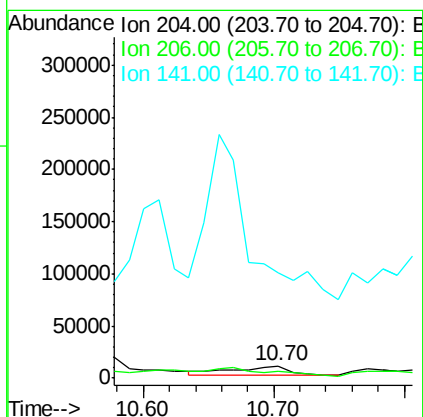
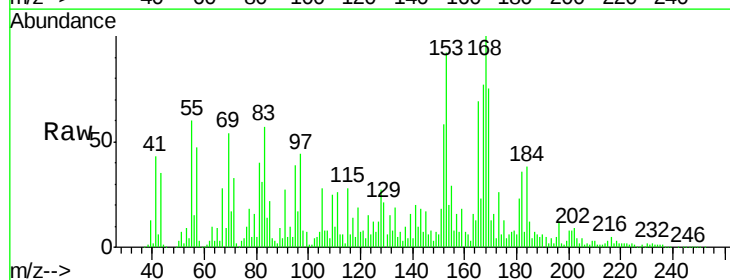
Tgt Ion:204 Resp: 30557

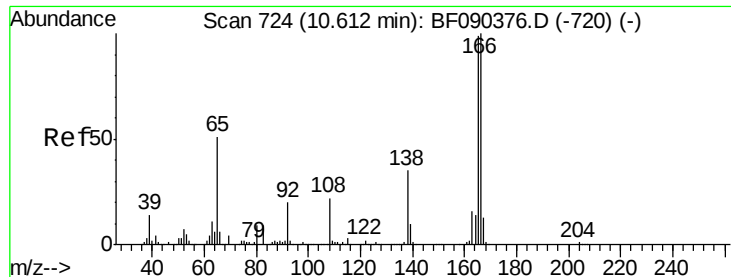
Ion Ratio Lower Upper

204 100

206 51.1 26.7 40.1#

141 858.2 51.7 77.5#





#61

4-Nitroaniline

Concen: 9.40 ng

RT: 10.55 min Scan# 719

Delta R.T. -0.06 min

Lab File: BF090455.D

Acq: 7 Oct 2016 20:35

Instrument :

BNA_F

ClientSampleId :

T-6

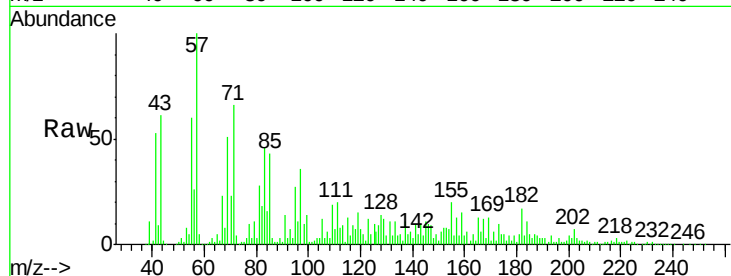
Tgt Ion:138 Resp: 51470

Ion Ratio Lower Upper

138 100

92 54.4 33.2 73.2

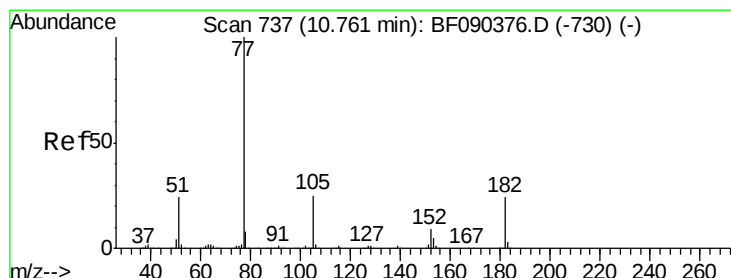
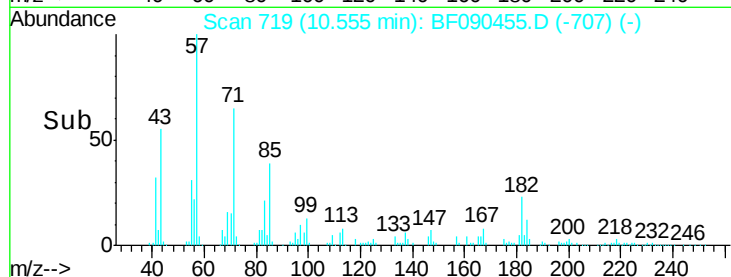
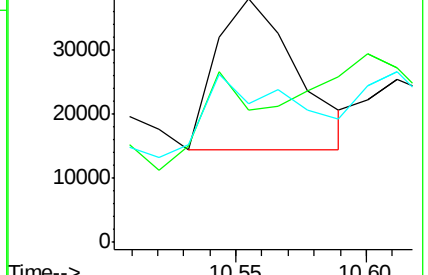
108 56.8 48.5 88.5



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: 9.29 ng

RT: 10.81 min Scan# 741

Delta R.T. 0.05 min

Lab File: BF090455.D

Acq: 7 Oct 2016 20:35

Tgt Ion: 77 Resp: 232528

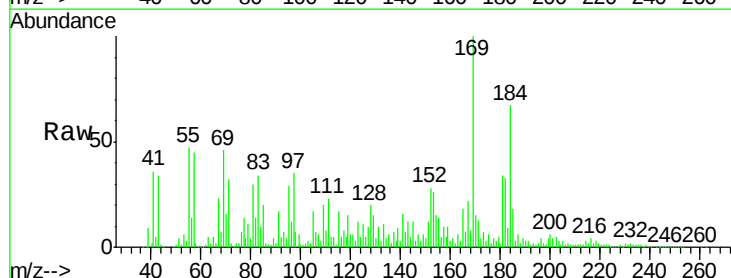
Ion Ratio Lower Upper

77 100

182 244.8 3.2 43.2#

105 124.2 2.9 42.9#

51 30.5 14.2 54.2

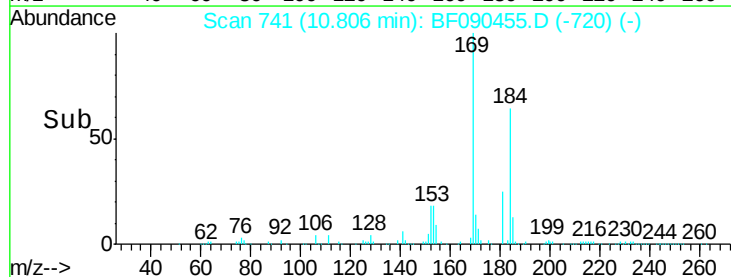
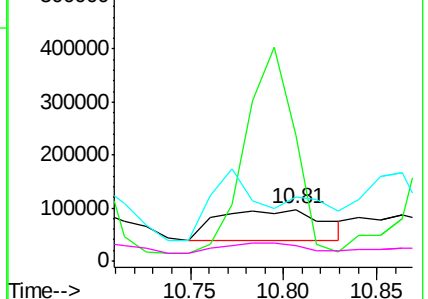


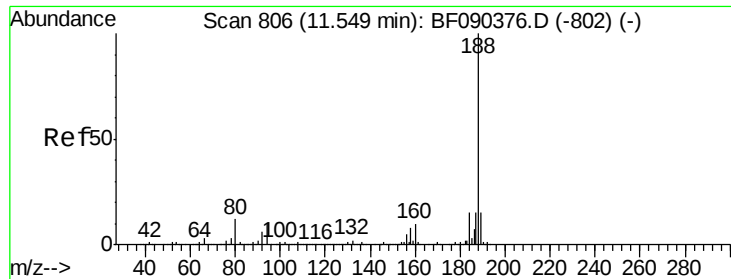
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

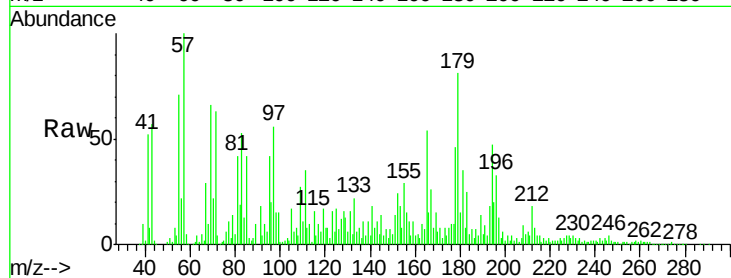




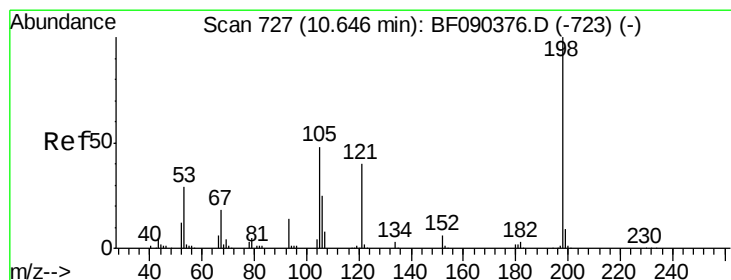
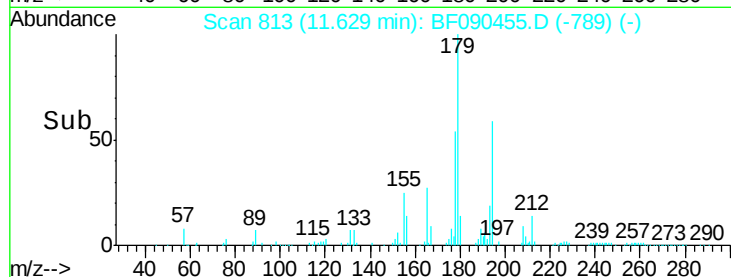
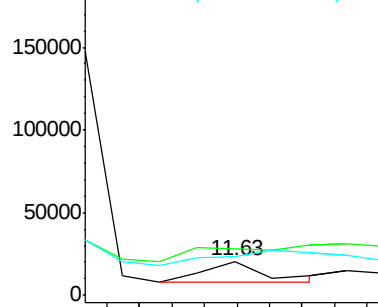
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.63 min Scan# 813
Delta R.T. 0.08 min
Lab File: BF090455.D
Acq: 7 Oct 2016 20:35

Instrument :
BNA_F
ClientSampled :
T-6

Tgt Ion:188 Resp: 16911
Ion Ratio Lower Upper
188 100
94 138.1 8.2 12.2#
80 117.0 8.8 13.2#

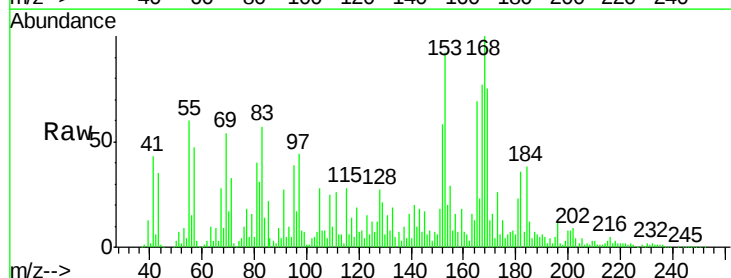


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

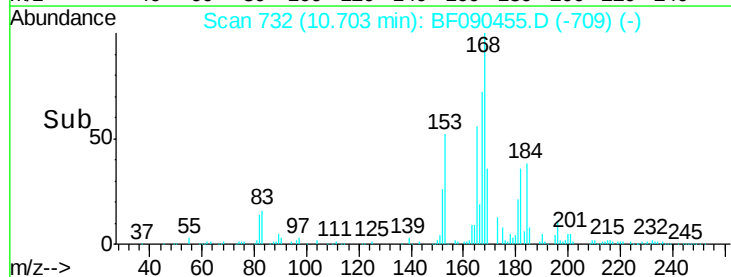
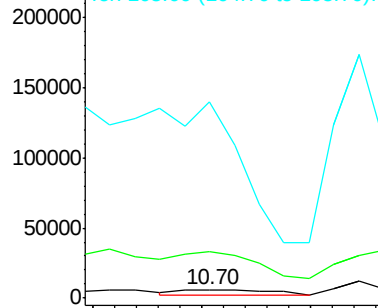


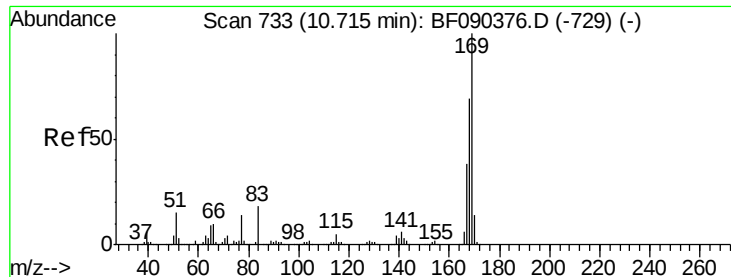
#64
4,6-Dinitro-2-methylphenol
Concen: 90.85 ng
RT: 10.70 min Scan# 732
Delta R.T. 0.06 min
Lab File: BF090455.D
Acq: 7 Oct 2016 20:35

Tgt Ion:198 Resp: 10996
Ion Ratio Lower Upper
198 100
51 543.9 67.3 107.3#
105 2265.5 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: 2061.04 ng

RT: 10.81 min Scan# 741

Delta R.T. 0.09 min

Lab File: BF090455.D

Acq: 7 Oct 2016 20:35

Instrument :

BNA_F

ClientSampleId :

T-6

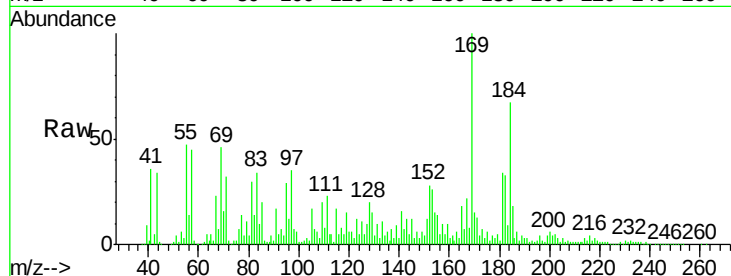
Tgt Ion:169 Resp: 1167972

Ion Ratio Lower Upper

169 100

168 8.0 53.8 80.6#

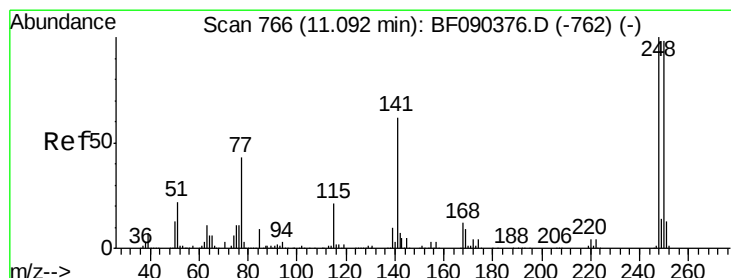
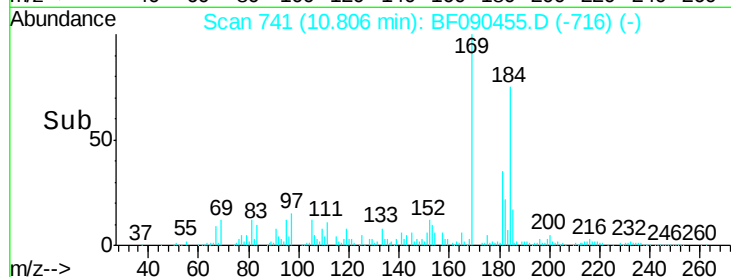
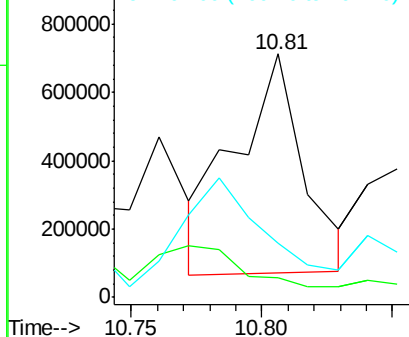
167 22.5 29.8 44.8#



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



#66

4-Bromophenyl-phenylether

Concen: 162.40 ng

RT: 11.13 min Scan# 769

Delta R.T. 0.03 min

Lab File: BF090455.D

Acq: 7 Oct 2016 20:35

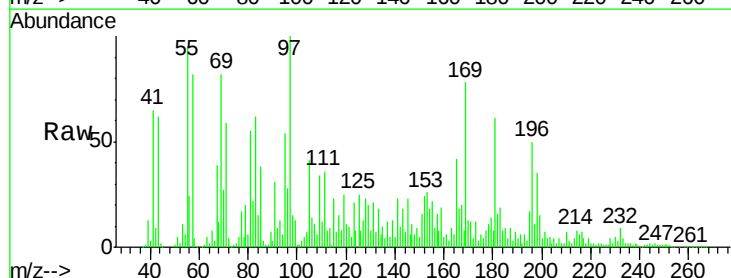
Tgt Ion:248 Resp: 26921

Ion Ratio Lower Upper

248 100

250 109.1 76.5 114.7

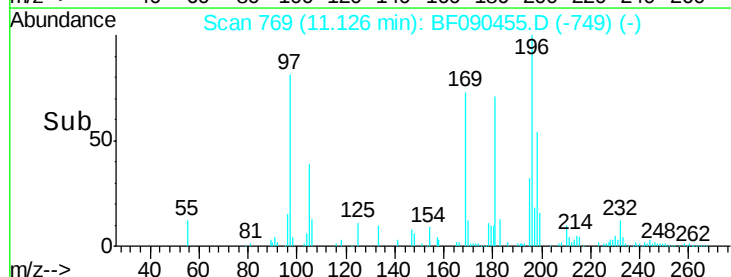
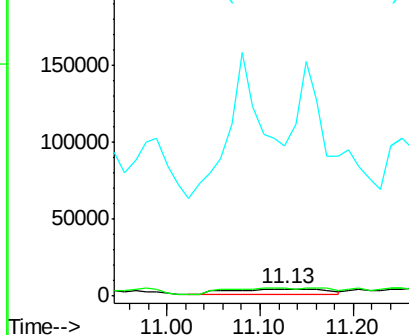
141 2052.1 59.8 89.6#

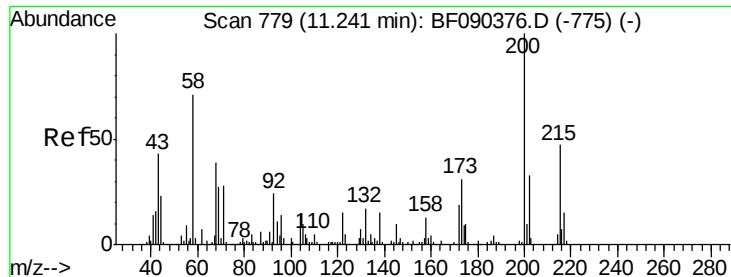


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#68

Atrazine

Concen: 698.49 ng

RT: 11.30 min Scan# 784

Delta R.T. 0.06 min

Lab File: BF090455.D

Acq: 7 Oct 2016 20:35

Instrument :

BNA_F

ClientSampled :

T-6

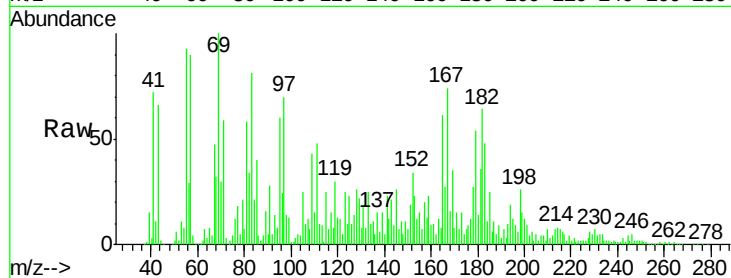
Tgt Ion:200 Resp: 97602

Ion Ratio Lower Upper

200 100

173 129.9 9.0 49.0#

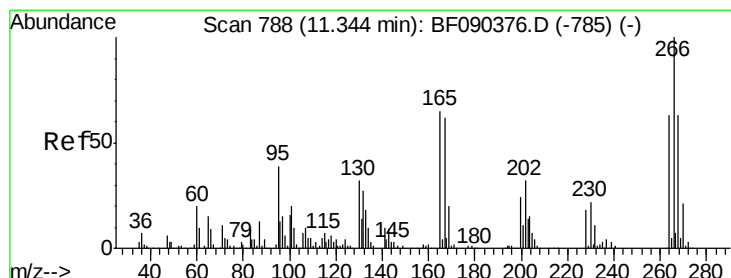
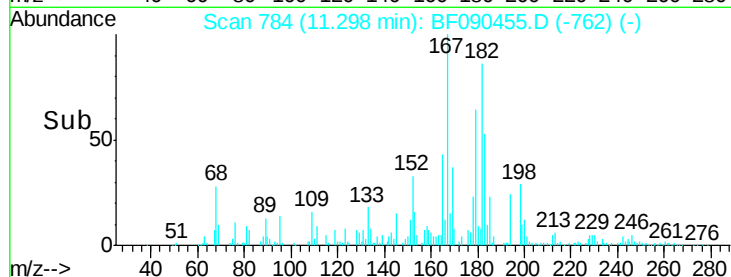
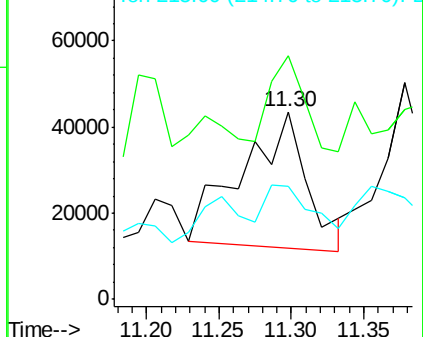
215 60.1 24.8 64.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 78.46 ng

RT: 11.41 min Scan# 794

Delta R.T. 0.07 min

Lab File: BF090455.D

Acq: 7 Oct 2016 20:35

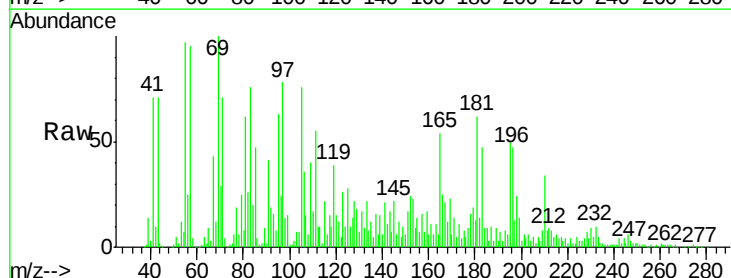
Tgt Ion:266 Resp: 8622

Ion Ratio Lower Upper

266 100

268 0.0 50.9 76.3#

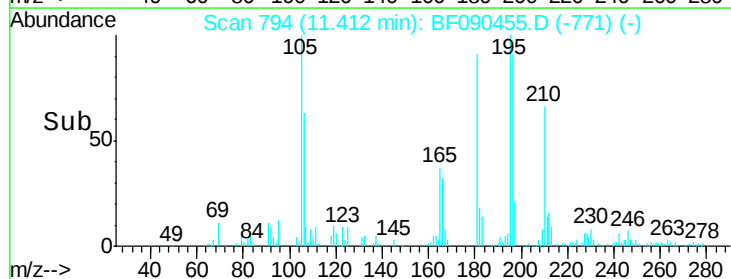
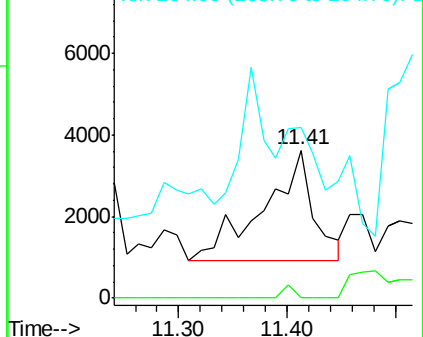
264 115.2 51.5 77.3#

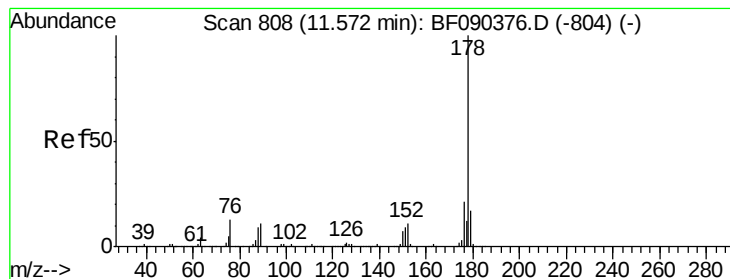


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 3026.31 ng

RT: 11.61 min Scan# 811

Delta R.T. 0.03 min

Lab File: BF090455.D

Acq: 7 Oct 2016 20:35

Instrument :

BNA_F

ClientSampleId :

T-6

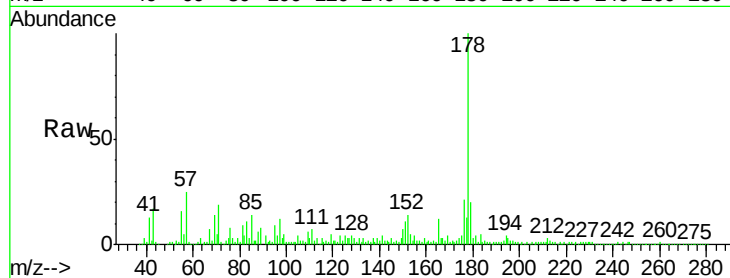
Tgt Ion:178 Resp: 2620606

Ion Ratio Lower Upper

178 100

176 20.5 17.3 25.9

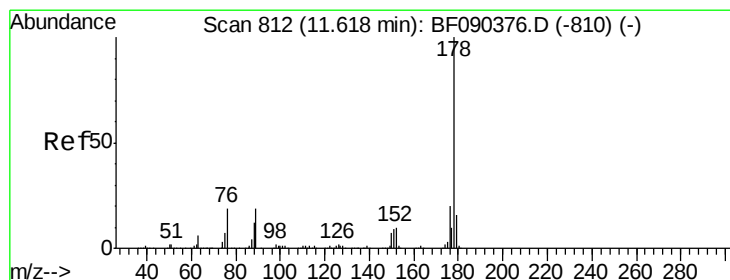
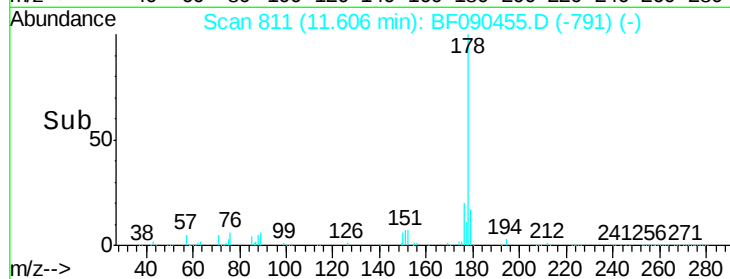
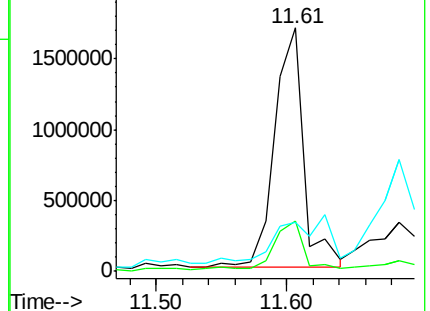
179 20.2 13.8 20.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 888.16 ng

RT: 11.69 min Scan# 818

Delta R.T. 0.07 min

Lab File: BF090455.D

Acq: 7 Oct 2016 20:35

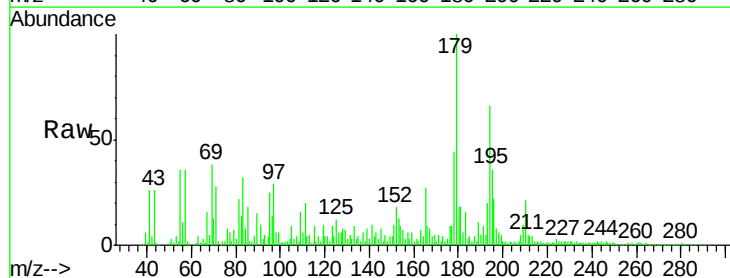
Tgt Ion:178 Resp: 785400

Ion Ratio Lower Upper

178 100

176 20.7 16.8 25.2

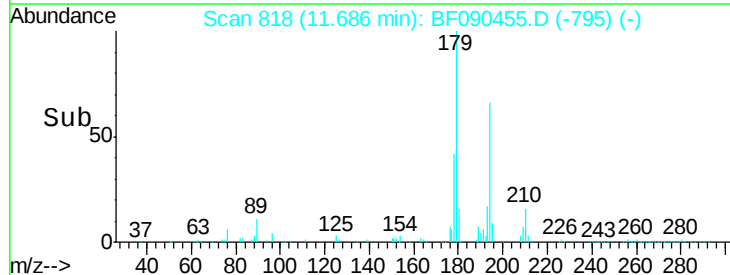
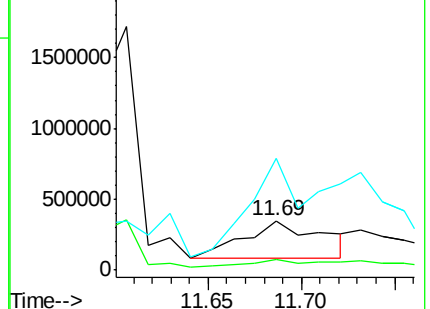
179 224.7 13.4 20.2#

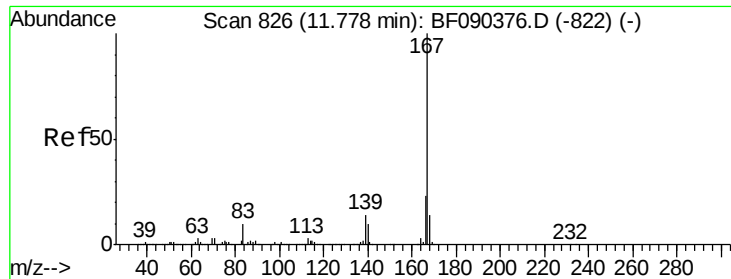


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

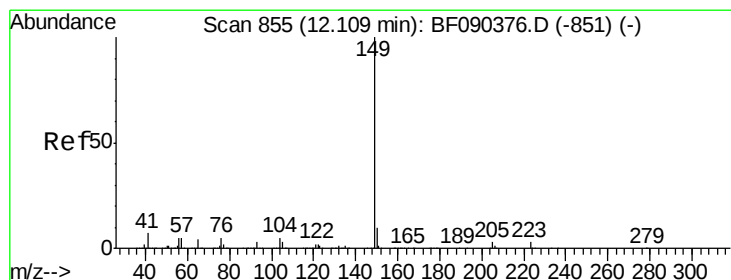
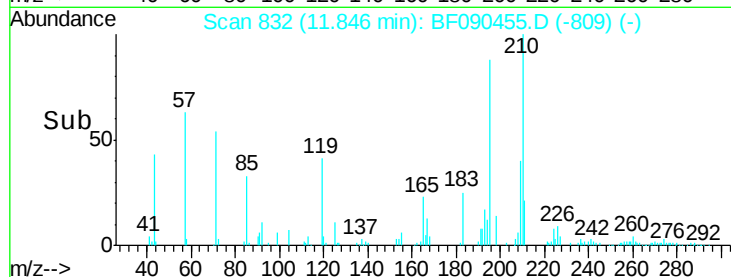
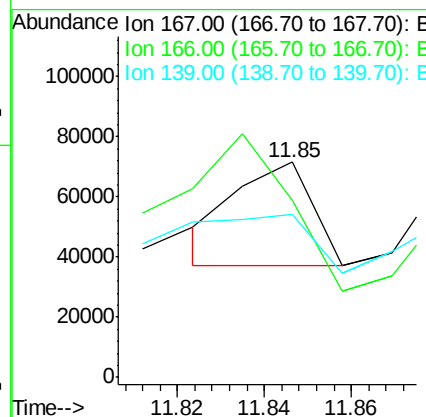
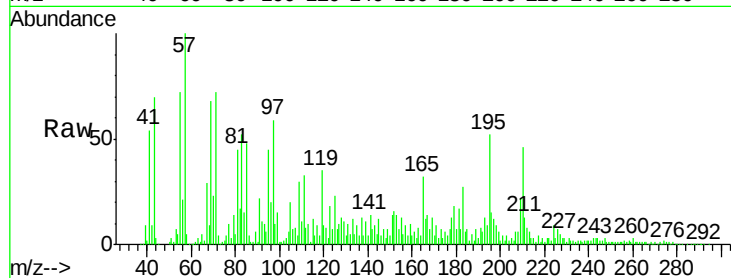




#72
 Carbazole
 Concen: 50.79 ng
 RT: 11.85 min Scan# 832
 Delta R.T. 0.07 min
 Lab File: BF090455.D
 Acq: 7 Oct 2016 20:35

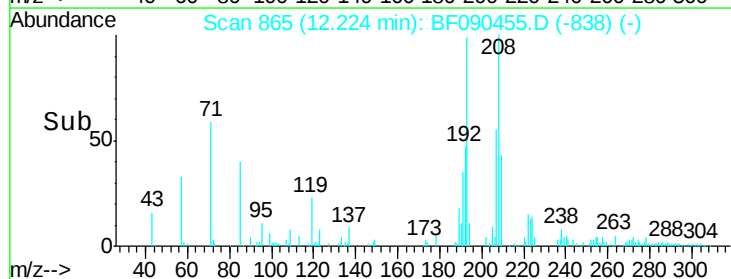
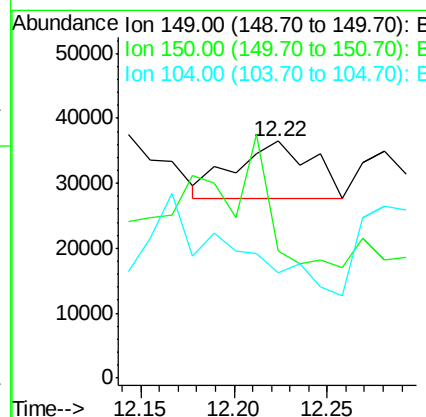
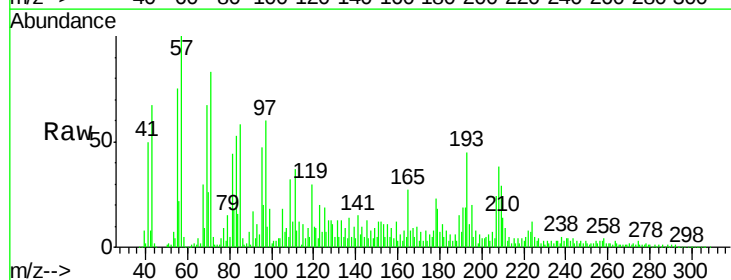
Instrument :
 BNA_F
 ClientSampled :
 T-6

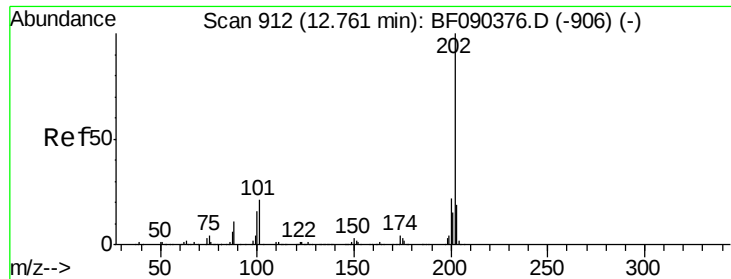
Tgt Ion:167 Resp: 41727
 Ion Ratio Lower Upper
 167 100
 166 82.3 19.1 28.7#
 139 75.5 12.1 18.1#



#73
 Di-n-butylphthalate
 Concen: 25.01 ng
 RT: 12.22 min Scan# 865
 Delta R.T. 0.11 min
 Lab File: BF090455.D
 Acq: 7 Oct 2016 20:35

Tgt Ion:149 Resp: 25004
 Ion Ratio Lower Upper
 149 100
 150 53.7 8.6 12.8#
 104 44.4 4.7 7.1#





#74

Fluoranthene

Concen: 68.05 ng

RT: 12.84 min Scan# 919

Delta R.T. 0.08 min

Lab File: BF090455.D

Acq: 7 Oct 2016 20:35

Instrument :

BNA_F

ClientSampleId :

T-6

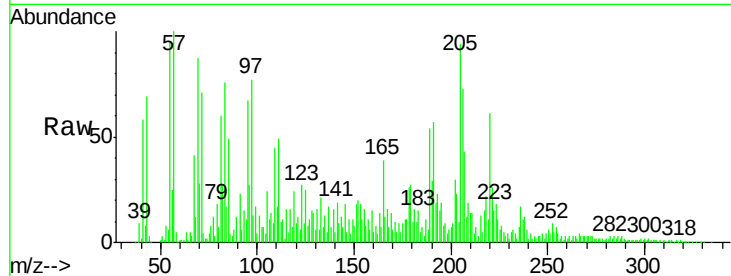
Tgt Ion:202 Resp: 57797

Ion Ratio Lower Upper

202 100

101 43.8 0.0 37.2#

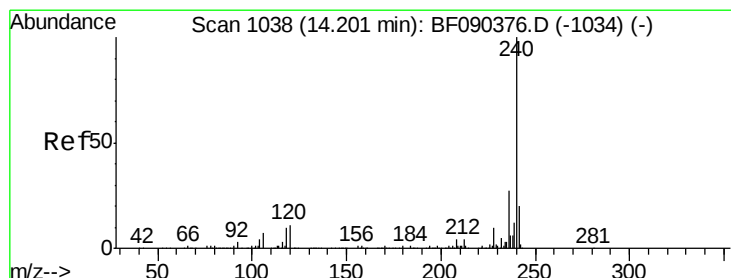
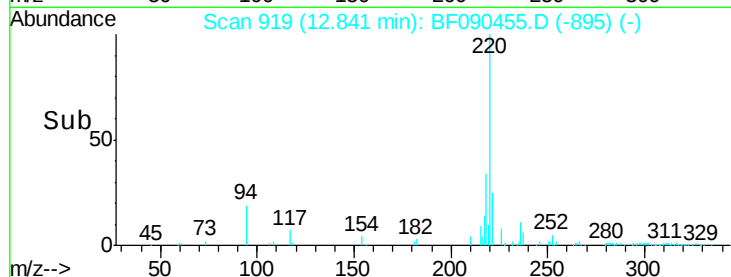
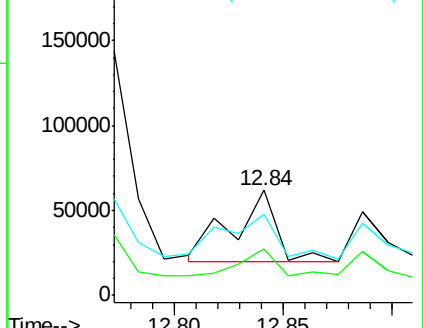
203 77.1 0.0 39.3#



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: BF090455.D

Acq: 7 Oct 2016 20:35

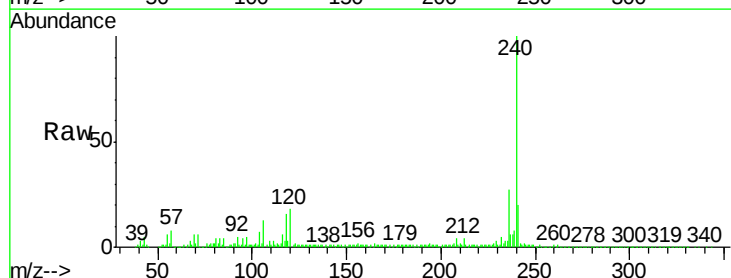
Tgt Ion:240 Resp: 443518

Ion Ratio Lower Upper

240 100

120 18.0 8.6 13.0#

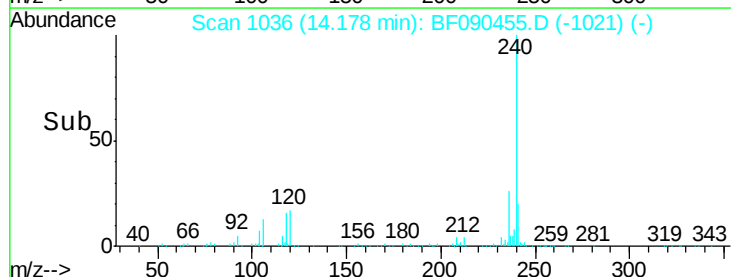
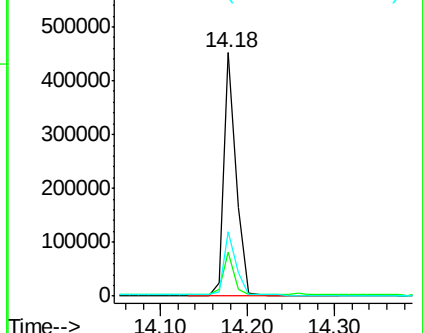
236 26.6 21.6 32.4

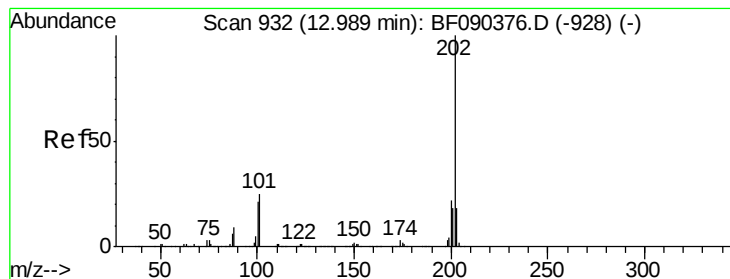


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 2.74 ng

RT: 12.96 min Scan# 929

Delta R.T. -0.03 min

Lab File: BF090455.D

Acq: 7 Oct 2016 20:35

Instrument :

BNA_F

ClientSampleId :

T-6

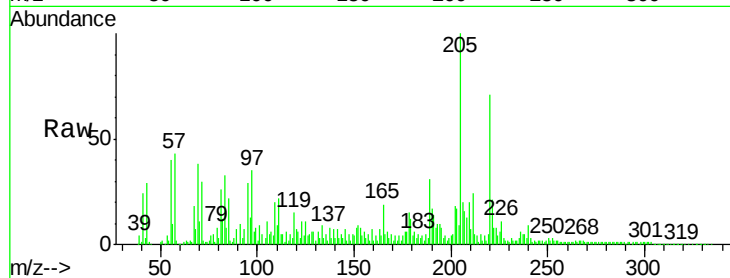
Tgt Ion:202 Resp: 81138

Ion Ratio Lower Upper

202 100

200 19.6 18.5 27.7

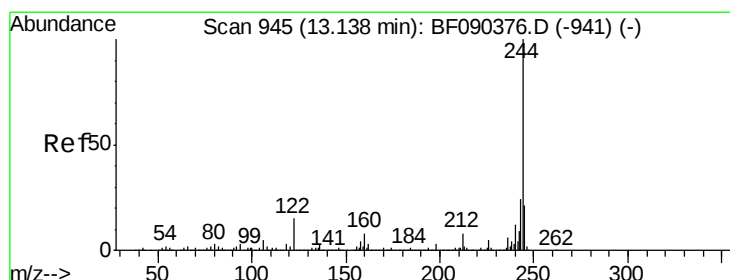
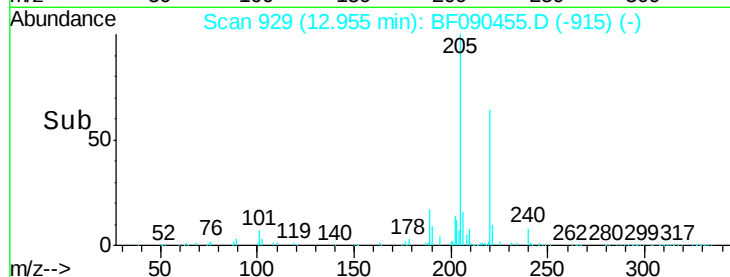
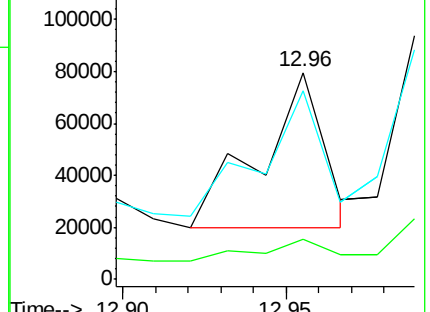
203 91.1 15.0 22.6#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 73.01 ng

RT: 13.14 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF090455.D

Acq: 7 Oct 2016 20:35

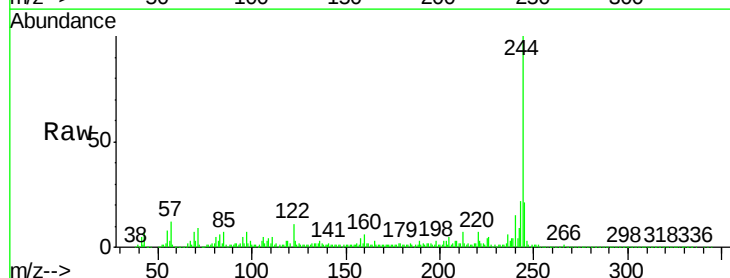
Tgt Ion:244 Resp: 1440417

Ion Ratio Lower Upper

244 100

212 7.0 6.8 10.2

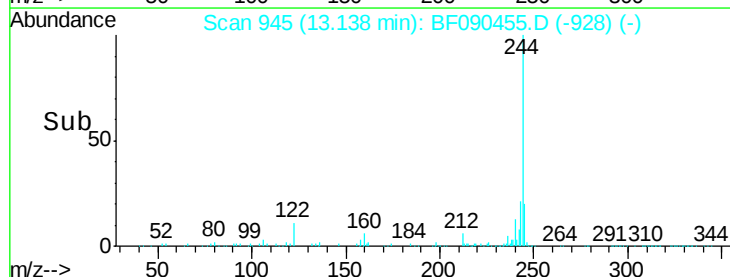
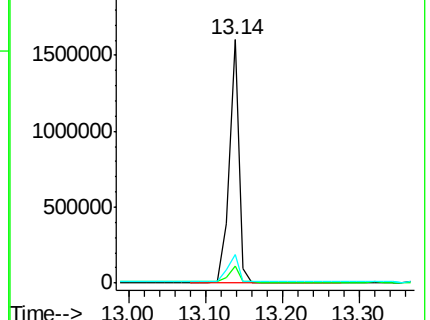
122 11.5 13.3 19.9#

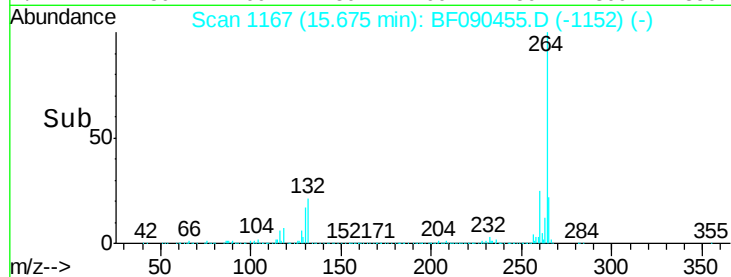
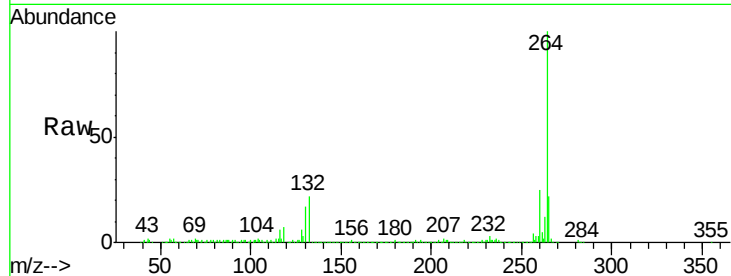
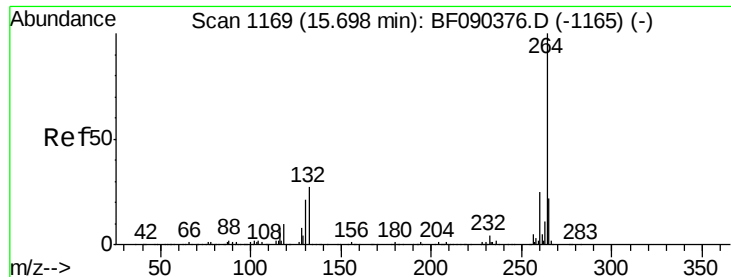


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.68 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF090455.D
Acq: 7 Oct 2016 20:35

Instrument :
BNA_F
ClientSampleId :
T-6

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.3	28.9
265	21.8	17.4	26.0

