

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082015\
 Data File : BF081131.D
 Acq On : 20 Aug 2015 18:37
 Operator : UM/IZ
 Sample : G3350-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-PIPE(4)

Quant Time: Aug 21 01:36:30 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 11:22:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	61468	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	170320	20.00	ng	0.01
38) Acenaphthene-d10	9.67	164	93191	20.00	ng	0.05
63) Phenanthrene-d10	11.13	188	153099	20.00	ng	0.05
75) Chrysene-d12	13.71	240	148255	20.00	ng	0.00
86) Perylene-d12	15.03	264	109963	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	368328	90.13	ng	0.00
7) Phenol-d6	6.23	99	505066	94.72	ng	0.00
23) Nitrobenzene-d5	7.16	82	348773	93.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.45	330	57434	71.10	ng	0.05
44) 2-Fluorobiphenyl	9.00	172	349377	49.12	ng	0.03
78) Terphenyl-d14	12.70	244	335590	48.53	ng	0.02

Target Compounds						Qvalue
9) Benzaldehyde	6.10	77	177386	51.60	ng	# 1
15) Benzyl Alcohol	6.74	79	18710	4.34	ng	# 56
17) 2-Methylphenol	6.88	107	9165	2.39	ng	# 1
18) Hexachloroethane	7.17	117	909955	473.19	ng	# 24
19) n-Nitroso-di-n-propylamine	7.01	70	56552	15.31	ng	# 73
22) Acetophenone	7.00	105	687071	153.66	ng	# 42
24) Nitrobenzene	7.14	77	143964	36.93	ng	# 27
25) Isophorone	7.42	82	92750	13.34	ng	# 1
26) 2-Nitrophenol	7.58	139	18212	11.23	ng	# 1
27) 2,4-Dimethylphenol	7.53	122	14536	5.07	ng	# 1
28) bis(2-Chloroethoxy)methane	7.66	93	41255	10.04	ng	# 1
29) 2,4-Dichlorophenol	7.75	162	21598	8.94	ng	# 5
30) 1,2,4-Trichlorobenzene	7.78	180	6855	2.55	ng	# 82
31) Naphthalene	7.92	128	1478326	155.71	ng	# 90
32) Benzoic acid	7.68	122	9234	5.72	ng	# 1
33) 4-Chloroaniline	7.92	127	306297	76.46	ng	# 48
35) Caprolactam	8.37	113	180629	214.03	ng	# 7
36) 4-Chloro-3-methylphenol	8.36	107	22849	7.94	ng	# 11
37) 2-Methylnaphthalene	8.64	142	3053734	509.20	ng	# 99
42) 2,4,6-Trichlorophenol	8.92	196	6100	2.87	ng	# 13
43) 2,4,5-Trichlorophenol	8.92	196	6100	2.87	ng	# 1
45) 1,1'-Biphenyl	9.09	154	372047	45.32	ng	# 93
46) 2-Chloronaphthalene	9.18	162	35196	5.34	ng	# 1
47) 2-Nitroaniline	9.17	65	55767	20.66	ng	# 55
48) Acenaphthylene	9.53	152	87076	7.38	ng	# 1
49) Dimethylphthalate	9.38	163	40880	5.33	ng	# 55
50) 2,6-Dinitrotoluene	9.52	165	34554	20.97	ng	# 31
51) Acenaphthene	9.70	154	174768	24.75	ng	# 61
52) 3-Nitroaniline	9.66	138	4294	2.08	ng	# 50
53) 2,4-Dinitrophenol	9.74	184	1442	4.52	ng	# 1
54) Dibenzofuran	9.88	168	172945	18.27	ng	# 1
55) 4-Nitrophenol	9.78	139	121752	84.07	ng	# 47
56) 2,4-Dinitrotoluene	9.89	165	25161	11.52	ng	# 62
57) Fluorene	10.22	166	419756	57.66	ng	# 68

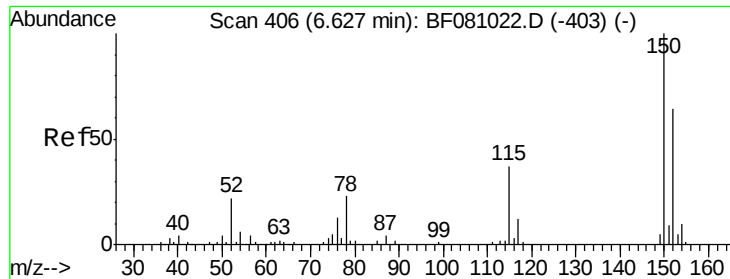
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082015\
 Data File : BF081131.D
 Acq On : 20 Aug 2015 18:37
 Operator : UM/IZ
 Sample : G3350-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-PIPE(4)

Quant Time: Aug 21 01:36:30 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 11:22:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) 2,3,4,6-Tetrachlorophenol	9.99	232	3987	2.43	nq	# 35
60) 4-Chlorophenyl-phenylether	10.16	204	9481	3.08	nq	# 1
62) Azobenzene	10.37	77	50485	5.39	nq	# 1
64) 4,6-Dinitro-2-methylphenol	10.32	198	4318	4.72	nq	# 1
65) n-Nitrosodiphenylamine	10.33	169	266277	48.72	nq	# 62
68) Atrazine	10.87	200	37001	24.30	nq	# 37
70) Phenanthrene	11.17	178	1038306	114.43	nq	# 94
71) Anthracene	11.26	178	94805	10.74	nq	# 1
72) Carbazole	11.35	167	62143	7.31	nq	# 1
74) Fluoranthene	12.55	202	306320	31.29	nq	# 83
77) Pvrene	12.55	202	306320	25.42	nq	# 91
80) Benzo(a)anthracene	13.73	228	28771	2.89	nq	# 19
82) Chrysene	13.73	228	28771	3.21	nq	# 25
83) Bis(2-ethylhexyl)phthalate	13.72	149	23301	3.51	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)

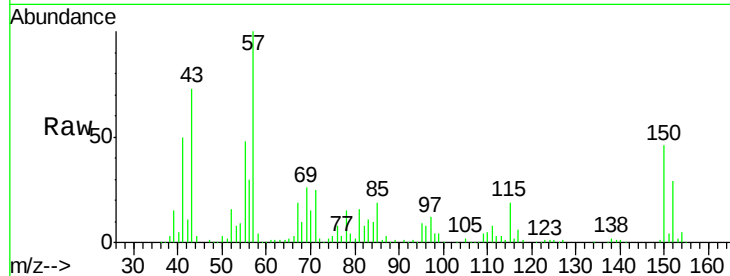
Tot Ion:152 Resp: 61468

Ion Ratio Lower Upper

152 100

150 158.4 123.8 185.6

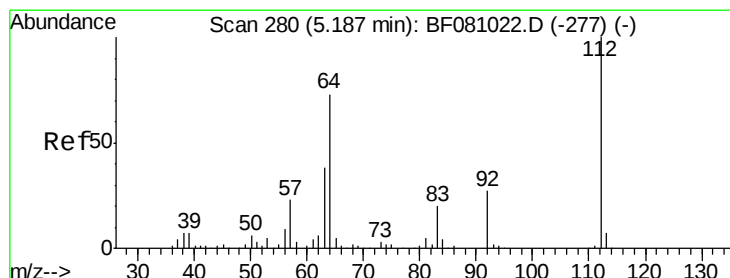
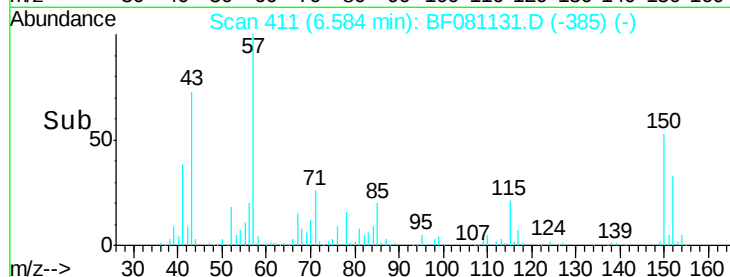
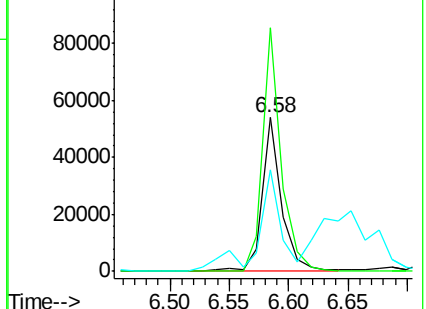
115 66.4 52.1 78.1



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: 90.13 ng

RT: 5.14 min Scan# 285

Delta R.T. -0.00 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

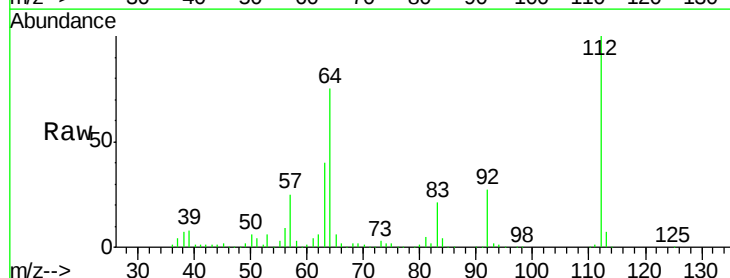
Tgt Ion:112 Resp: 368328

Ion Ratio Lower Upper

112 100

64 75.2 66.9 100.3

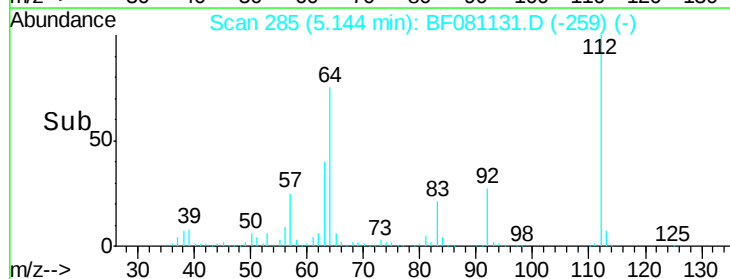
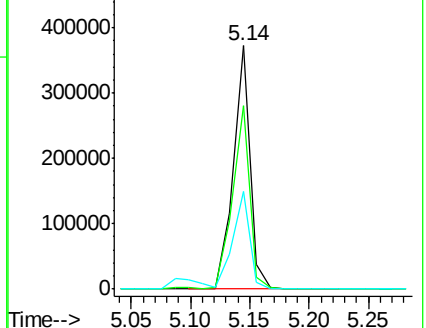
63 40.1 38.1 57.1

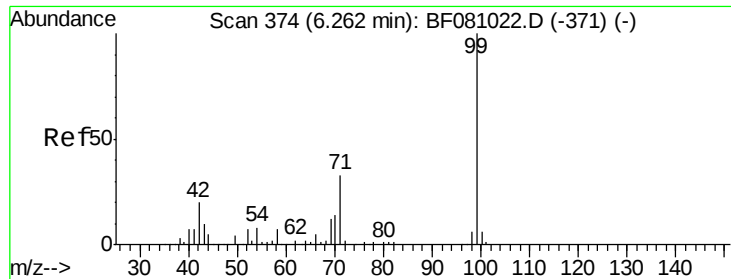


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 94.72 ng

RT: 6.23 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)

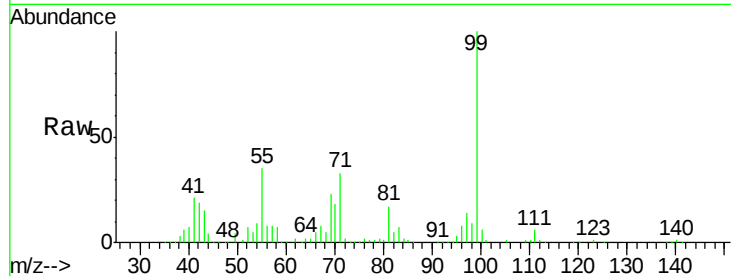
Tot Ion: 99 Resp: 505066

Ion Ratio Lower Upper

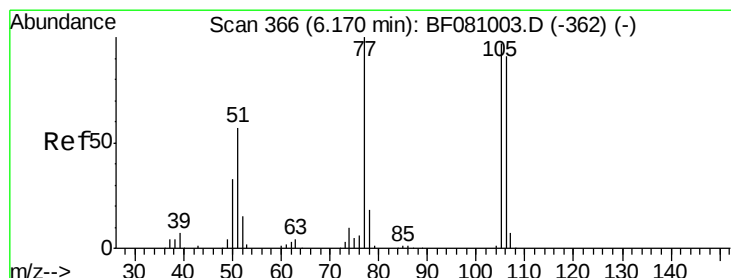
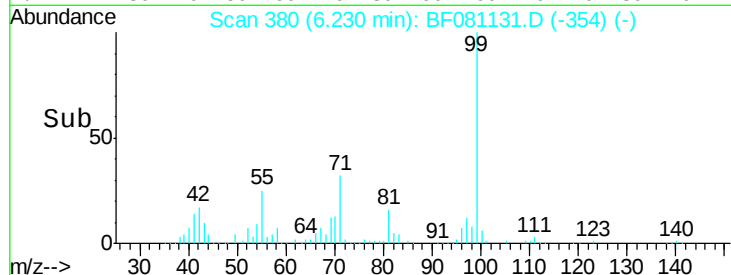
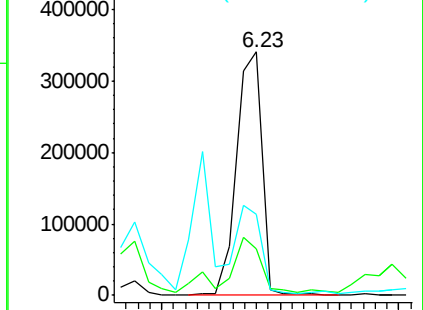
99 100

42 18.9 19.6 29.4#

71 33.1 31.2 46.8



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: 51.60 ng

RT: 6.10 min Scan# 369

Delta R.T. -0.02 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

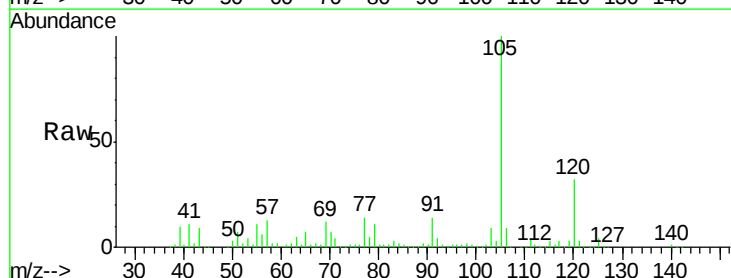
Tgt Ion: 77 Resp: 177386

Ion Ratio Lower Upper

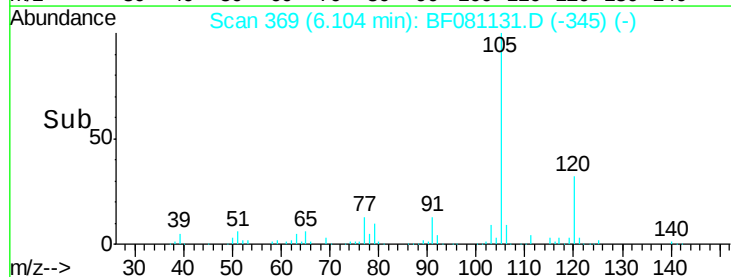
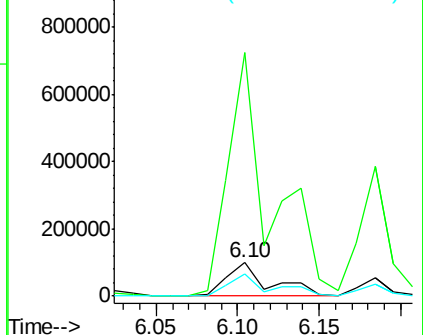
77 100

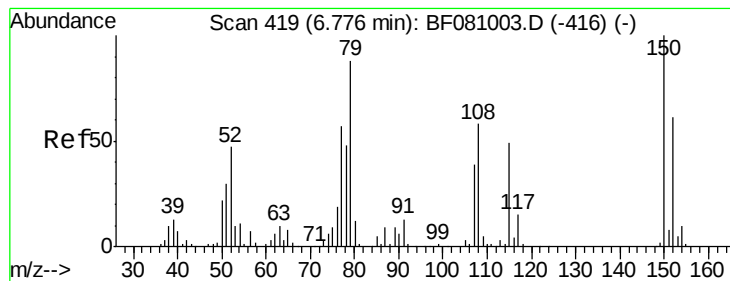
105 735.4 69.6 109.6#

106 66.0 64.0 104.0



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: 4.34 ng

RT: 6.74 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)

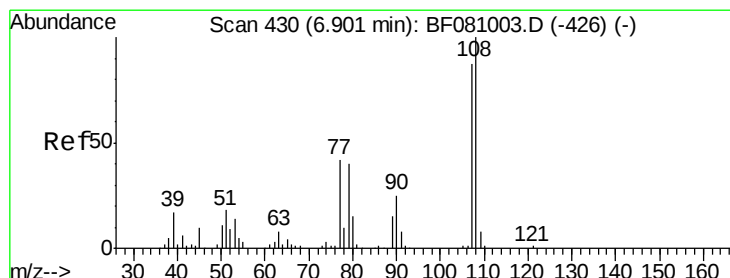
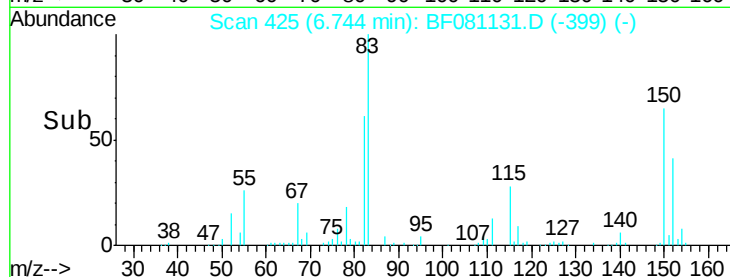
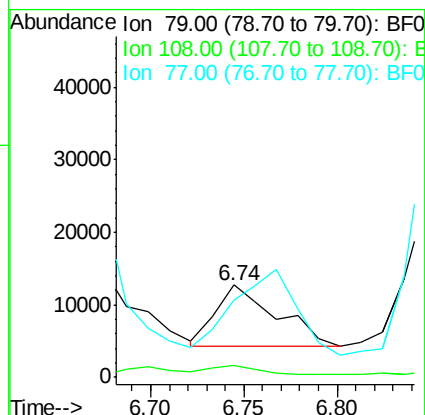
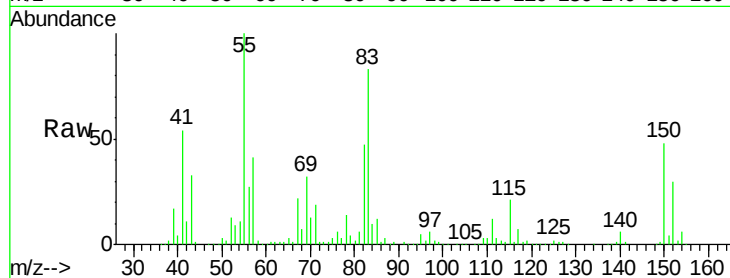
Tot Ion: 79 Resp: 18710

Ion Ratio Lower Upper

79 100

108 13.0 49.4 74.2#

77 83.3 51.4 77.0#



#17

2-Methylphenol

Concen: 2.39 ng

RT: 6.88 min Scan# 437

Delta R.T. 0.02 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

Tgt Ion: 107 Resp: 9165

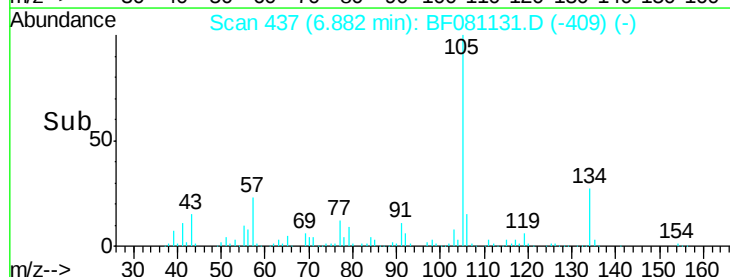
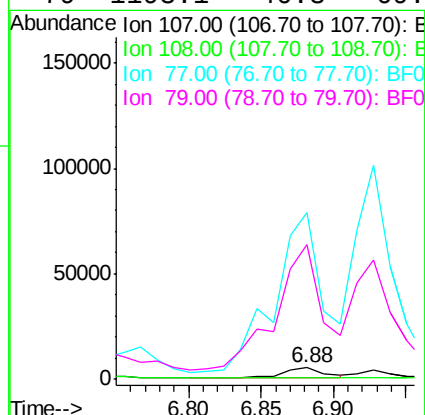
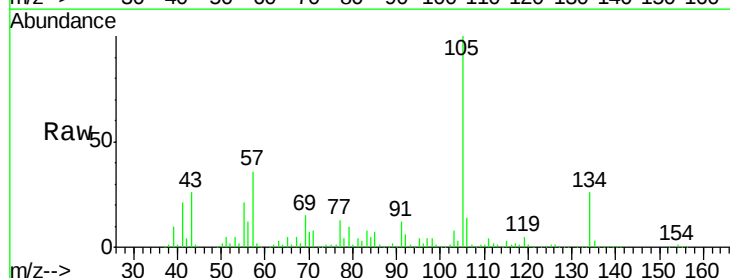
Ion Ratio Lower Upper

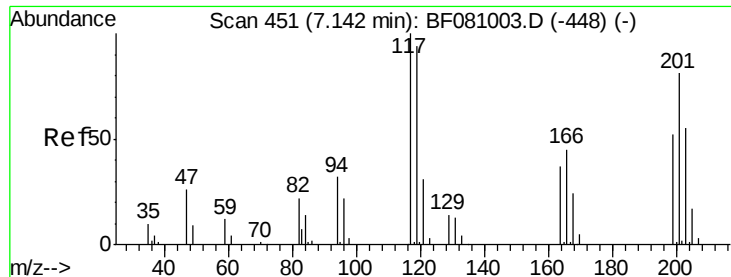
107 100

108 10.4 90.4 135.6#

77 1470.2 46.5 69.7#

79 1193.1 46.3 69.5#

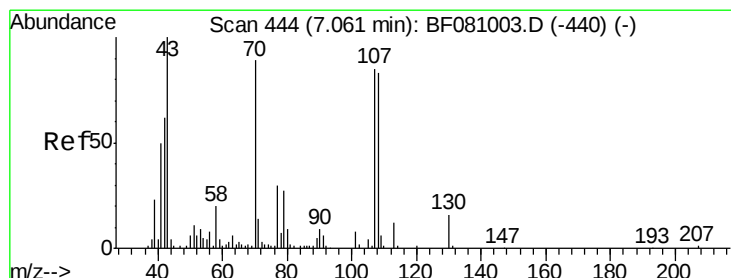
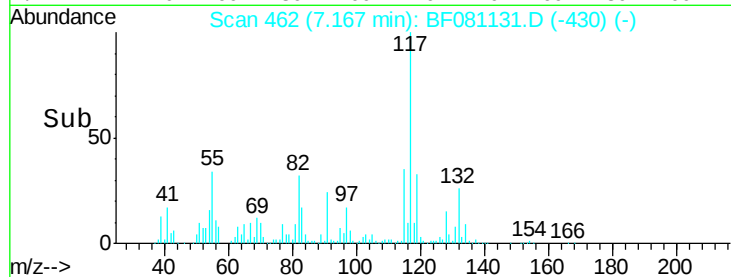
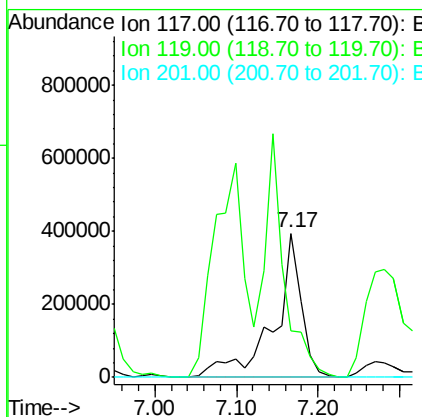
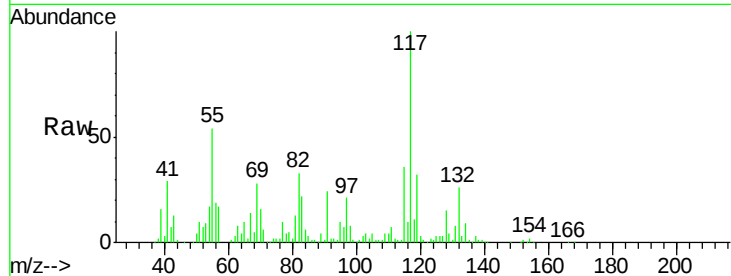




#18
Hexachloroethane
Concen: 473.19 ng
RT: 7.17 min Scan# 462
Delta R.T. 0.07 min
Lab File: BF081131.D
Acq: 20 Aug 2015 18:37

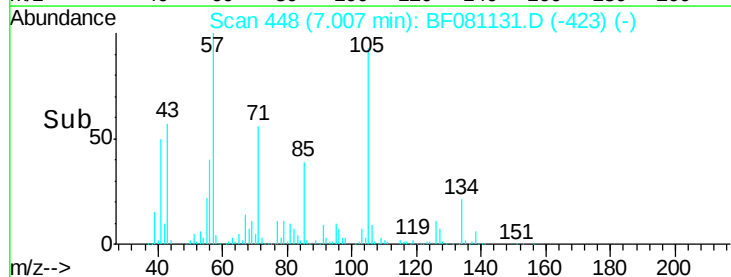
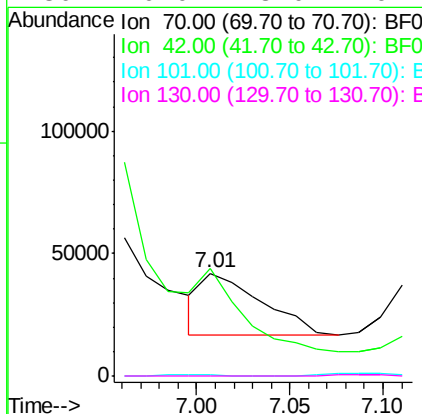
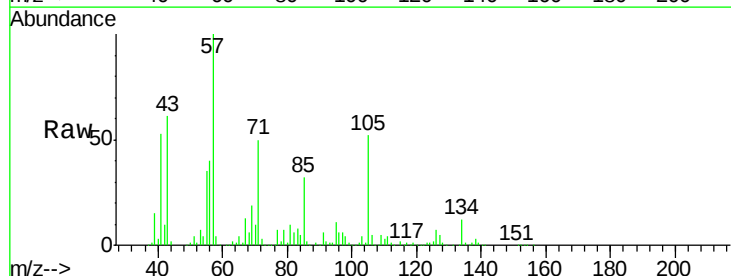
Instrument :
BNA_F
ClientSampleId :
A-PIPE(4)

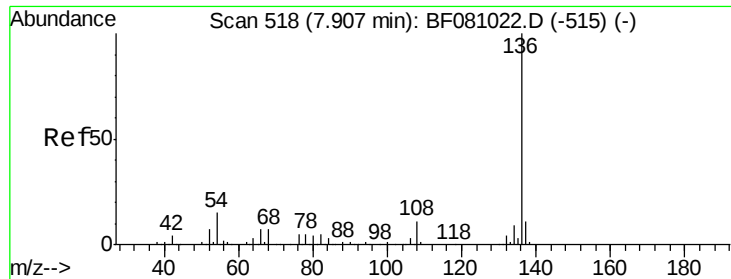
Tot Ion:117 Resp: 909955
Ion Ratio Lower Upper
117 100
119 32.4 77.9 116.9#
201 0.0 61.3 91.9#



#19
n-Nitroso-di-n-propylamine
Concen: 15.31 ng
RT: 7.01 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF081131.D
Acq: 20 Aug 2015 18:37

Tgt Ion: 70 Resp: 56552
Ion Ratio Lower Upper
70 100
42 104.0 65.0 97.4#
101 0.9 7.4 11.2#
130 0.0 13.0 19.4#

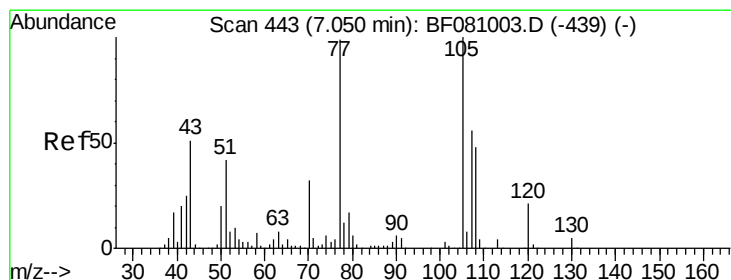
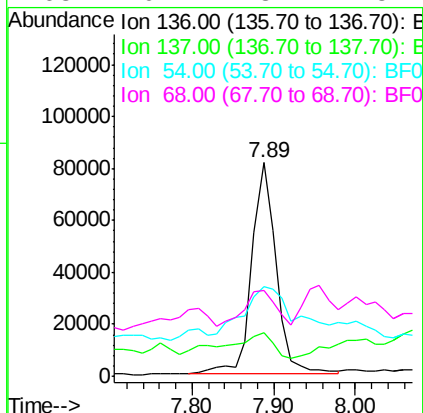
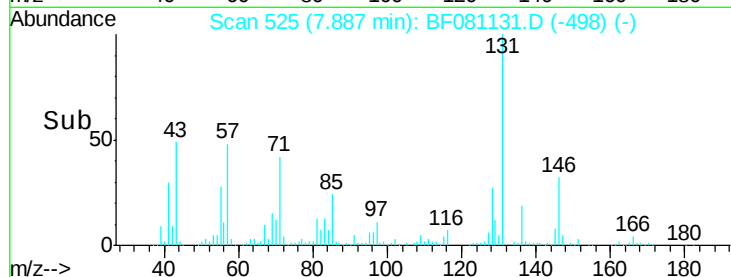
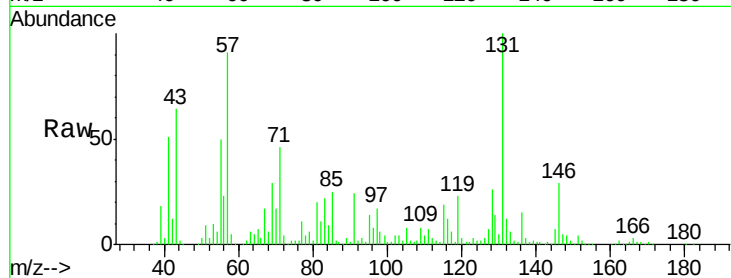




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.89 min Scan# 525
Delta R.T. 0.01 min
Lab File: BF081131.D
Acq: 20 Aug 2015 18:37

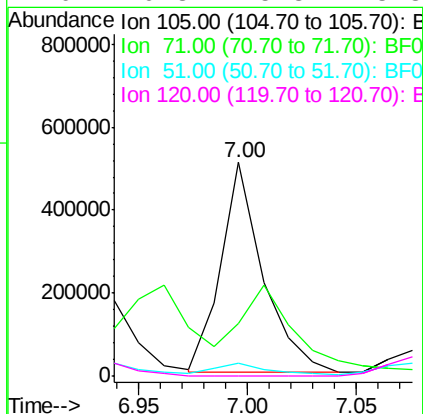
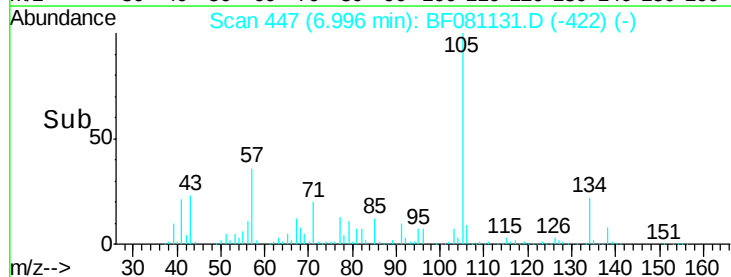
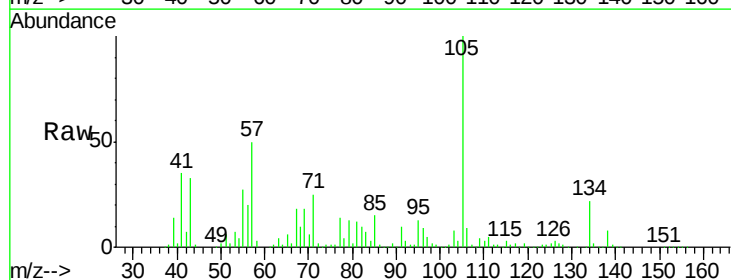
Instrument :
BNA_F
ClientSampleId :
A-PIPE(4)

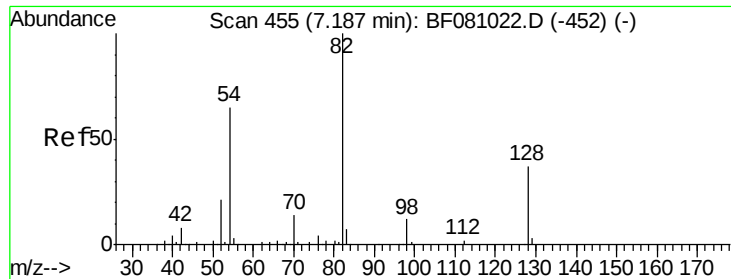
Tot Ion:136	Resp:	170320
Ion Ratio	Lower	Upper
136	100	
137	20.2	8.2 12.2#
54	41.8	7.7 11.5#
68	40.4	3.4 5.2#



#22
Acetophenone
Concen: 153.66 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF081131.D
Acq: 20 Aug 2015 18:37

Tgt Ion:105	Resp:	687071
Ion Ratio	Lower	Upper
105	100	
71	24.5	3.0 4.6#
51	5.9	39.8 59.8#
120	0.3	15.8 23.8#

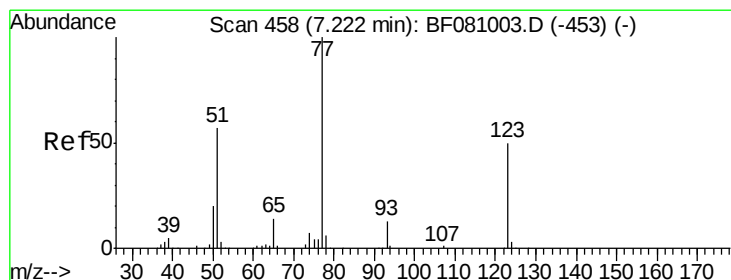
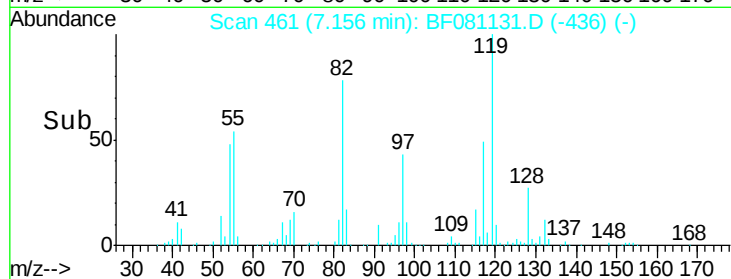
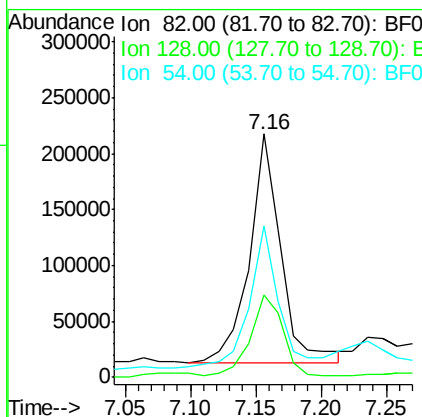
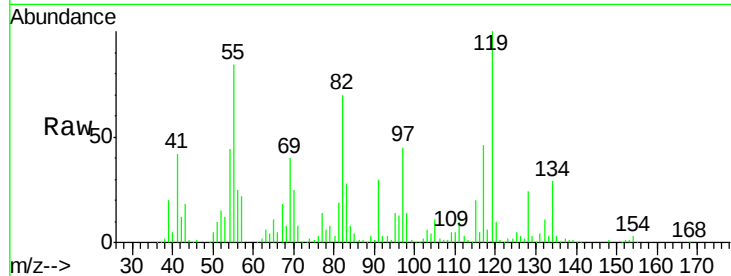




#23
 Nitrobenzene-d5
 Concen: 93.54 ng
 RT: 7.16 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF081131.D
 Acq: 20 Aug 2015 18:37

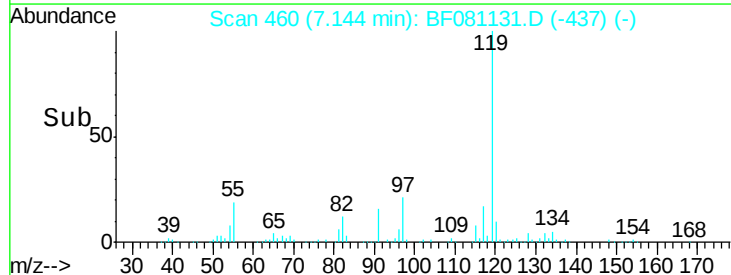
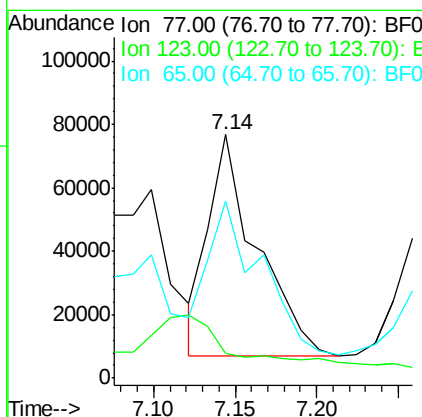
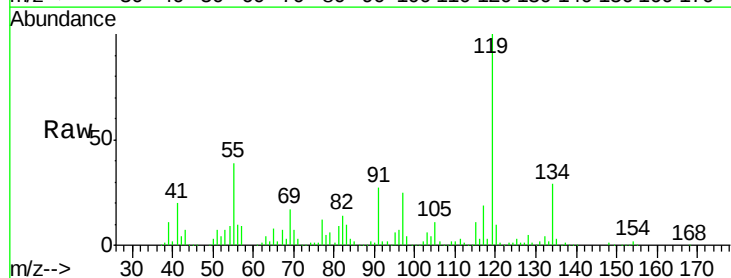
Instrument :
 BNA_F
 ClientSampleId :
 A-PIPE(4)

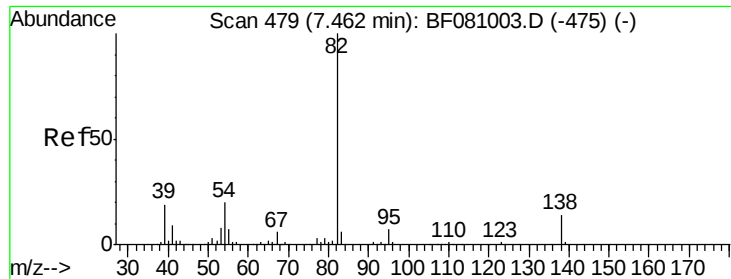
Tot Ion	82	Resp	348773
Ion Ratio	100	Lower	Upper
128	33.9	28.6	42.8
54	62.0	55.1	82.7



#24
 Nitrobenzene
 Concen: 36.93 ng
 RT: 7.14 min Scan# 460
 Delta R.T. -0.03 min
 Lab File: BF081131.D
 Acq: 20 Aug 2015 18:37

Tgt Ion	77	Resp	143964
Ion Ratio	100	Lower	Upper
123	10.2	32.9	49.3#
65	72.8	12.5	18.7#





#25

Isophorone

Concen: 13.34 ng

RT: 7.42 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)

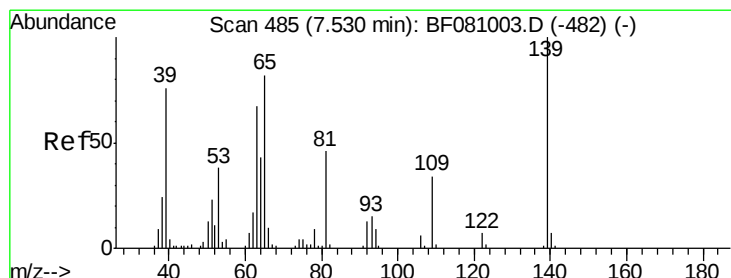
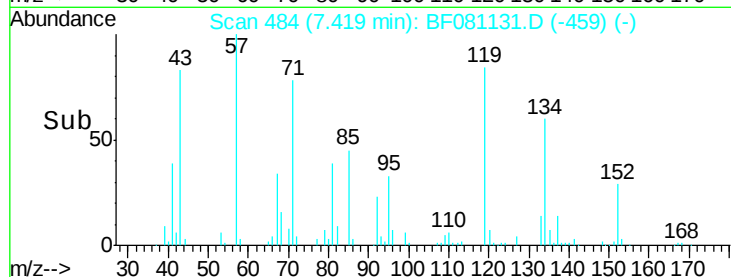
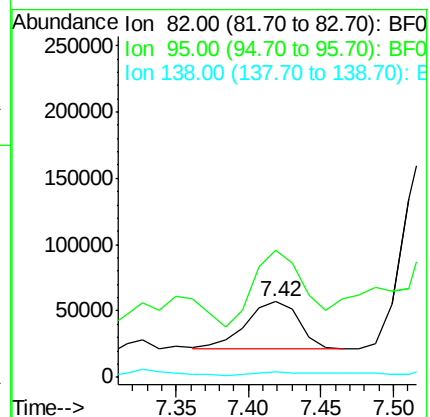
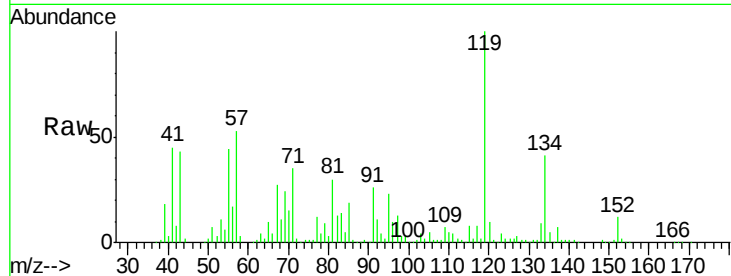
Tot Ion: 82 Resp: 92750

Ion Ratio Lower Upper

82 100

95 167.8 6.2 9.2#

138 7.0 10.5 15.7#



#26

2-Nitrophenol

Concen: 11.23 ng

RT: 7.58 min Scan# 498

Delta R.T. 0.08 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

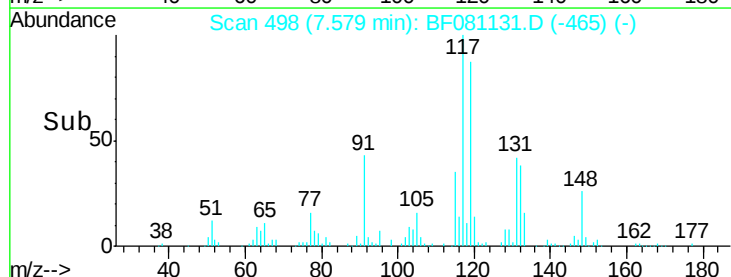
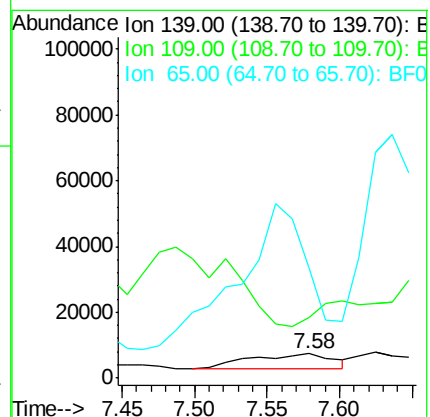
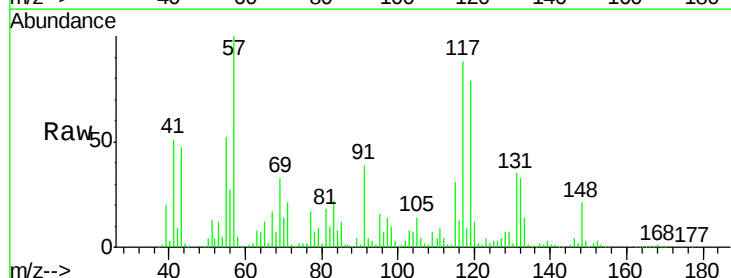
Tgt Ion: 139 Resp: 18212

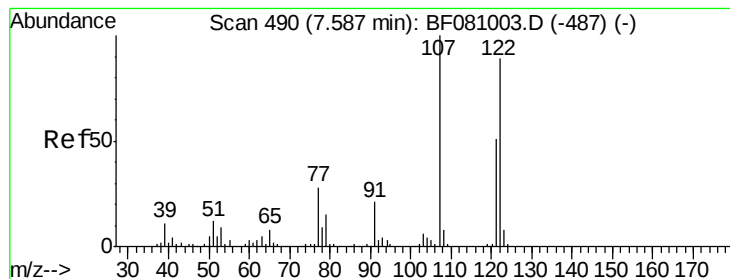
Ion Ratio Lower Upper

139 100

109 246.4 32.1 48.1#

65 451.1 69.9 104.9#





#27

2,4-Dimethylphenol

Concen: 5.07 ng

RT: 7.53 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)

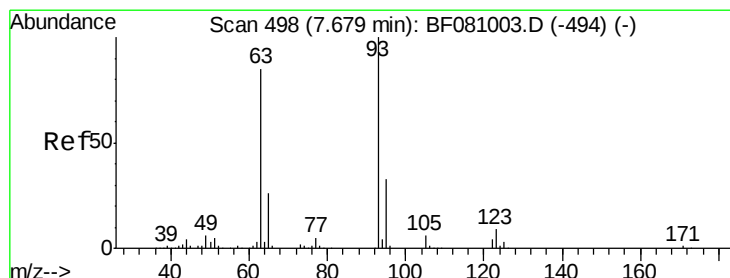
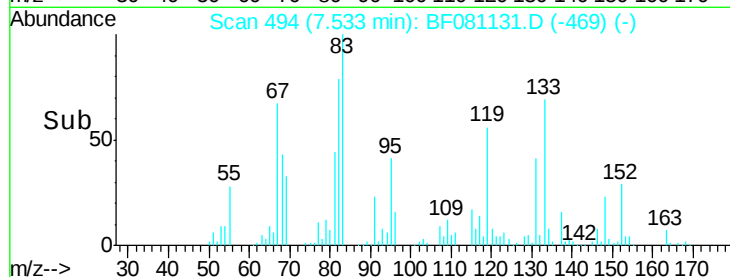
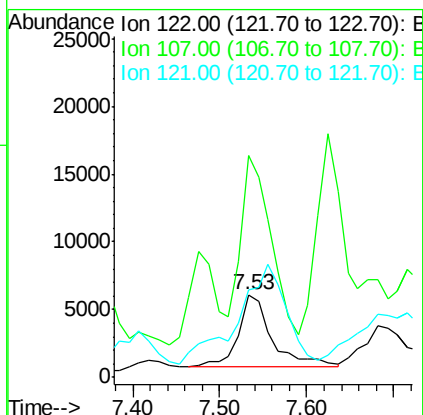
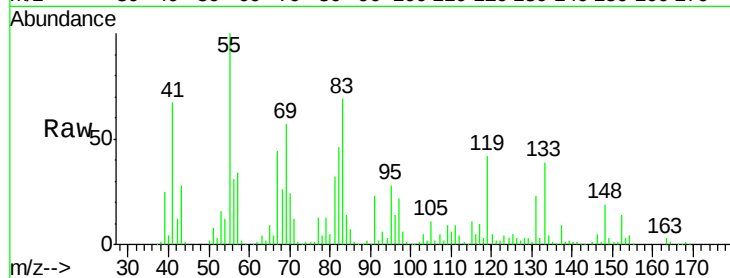
Tot Ion:122 Resp: 14536

Ion Ratio Lower Upper

122 100

107 268.4 103.8 155.6#

121 106.2 47.0 70.4#



#28

bis(2-Chloroethoxy)methane

Concen: 10.04 ng

RT: 7.66 min Scan# 505

Delta R.T. 0.01 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

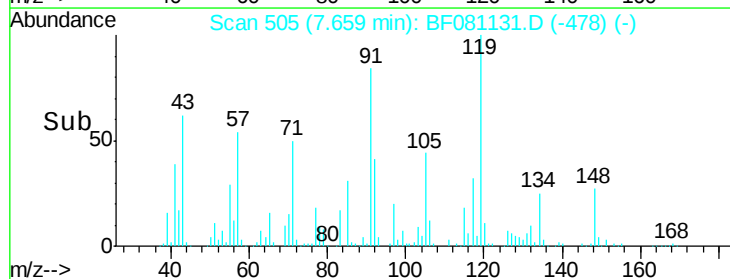
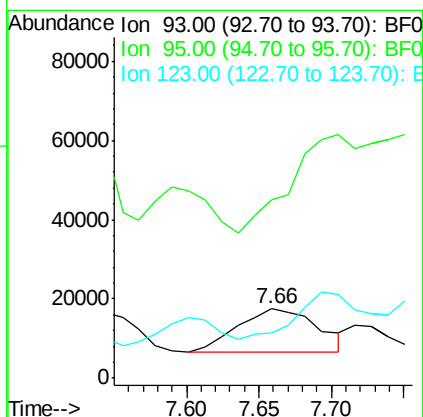
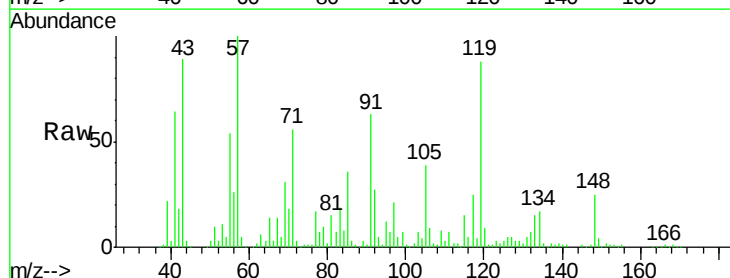
Tgt Ion: 93 Resp: 41255

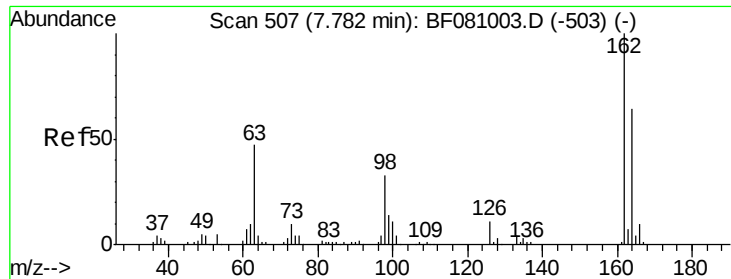
Ion Ratio Lower Upper

93 100

95 257.7 25.8 38.8#

123 65.6 7.4 11.0#





#29

2,4-Dichlorophenol

Concen: 8.94 ng

RT: 7.75 min Scan# 513

Delta R.T. 0.01 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)

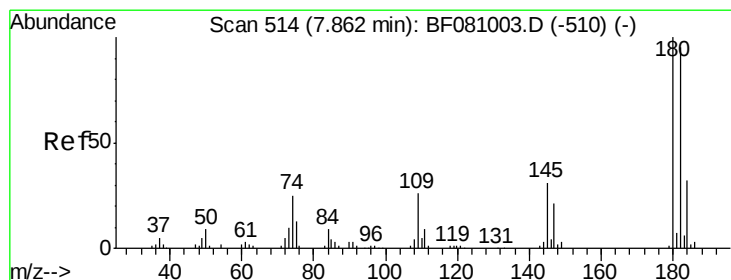
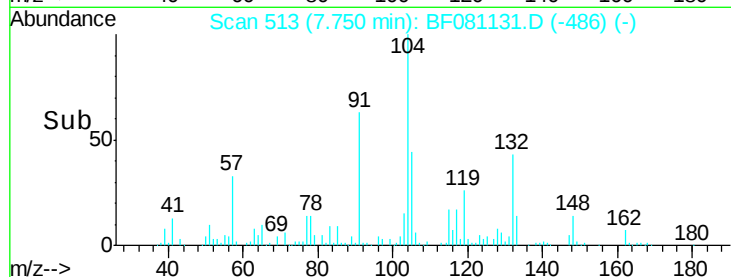
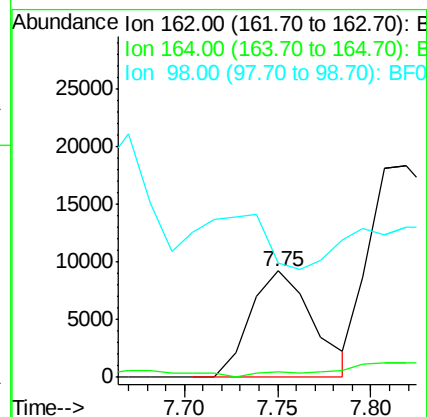
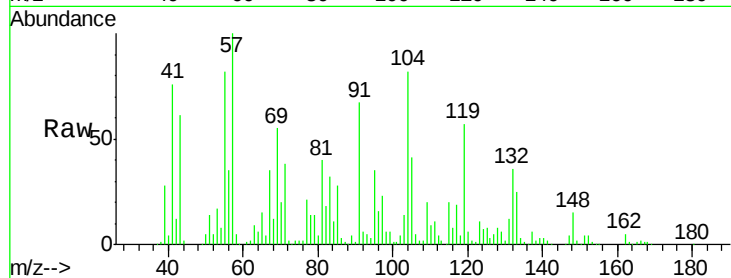
Tot Ion:162 Resp: 21598

Ion Ratio Lower Upper

162 100

164 4.7 43.2 83.2#

98 107.4 12.3 52.3#



#30

1,2,4-Trichlorobenzene

Concen: 2.55 ng

RT: 7.78 min Scan# 516

Delta R.T. -0.03 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

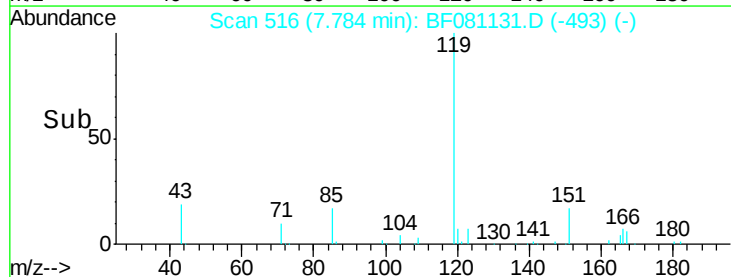
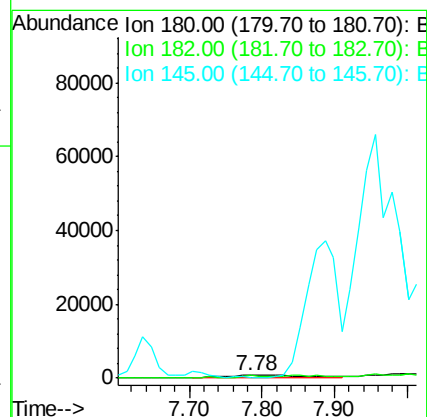
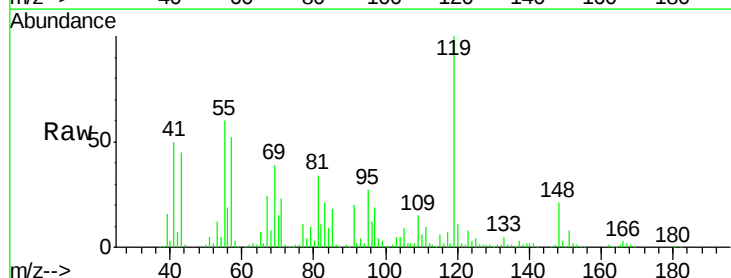
Tgt Ion:180 Resp: 6855

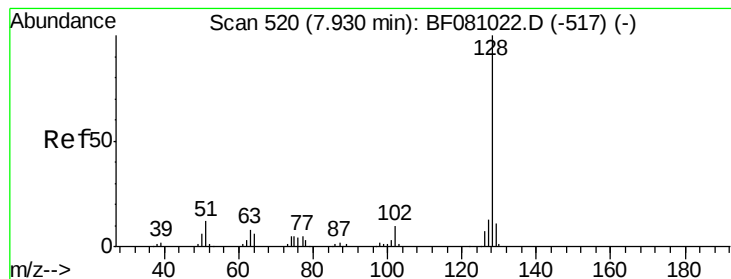
Ion Ratio Lower Upper

180 100

182 90.3 76.4 114.6

145 0.0 25.4 38.2#





#31

Naphthalene

Concen: 155.71 ng

RT: 7.92 min Scan# 528

Delta R.T. 0.02 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)

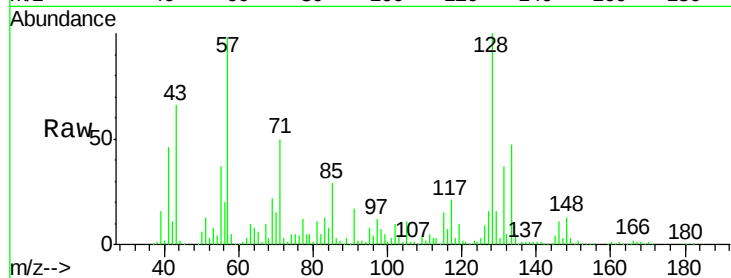
Tot Ion:128 Resp: 1478326

Ion Ratio Lower Upper

128 100

129 16.1 8.4 12.6#

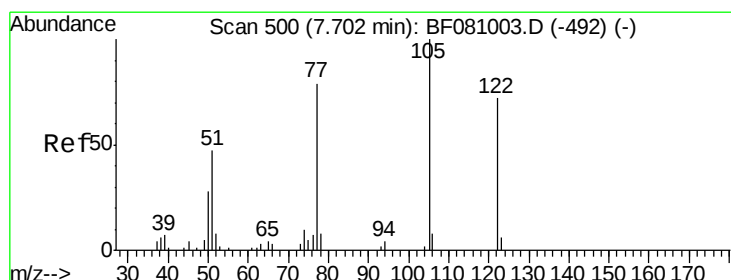
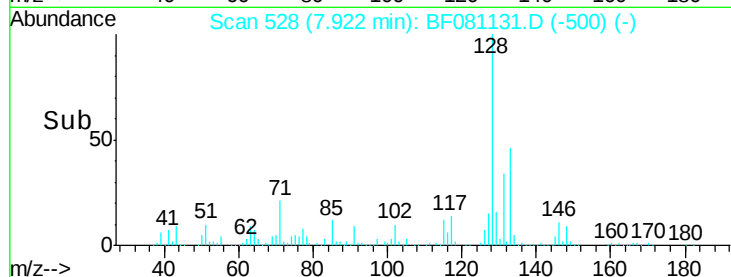
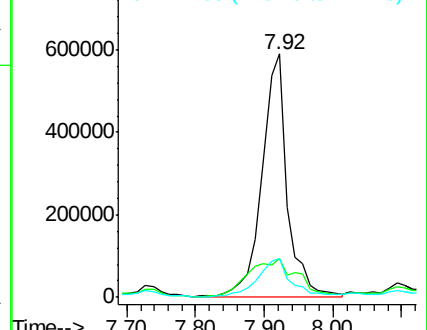
127 15.8 10.6 16.0



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: 5.72 ng

RT: 7.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

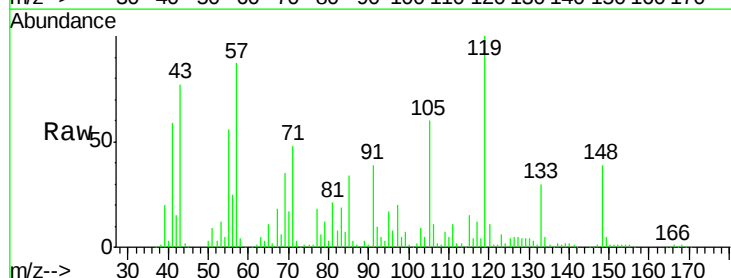
Tgt Ion:122 Resp: 9234

Ion Ratio Lower Upper

122 100

105 5165.4 113.8 153.8#

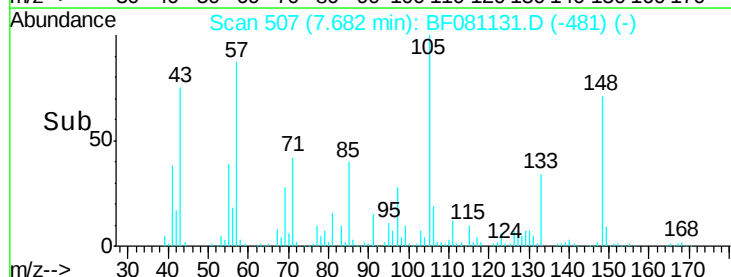
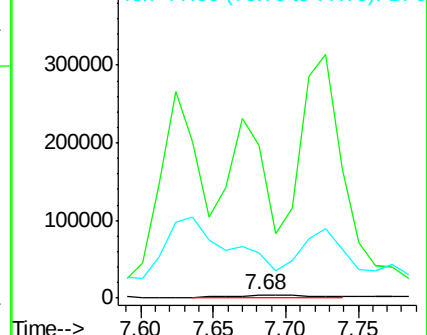
77 1547.1 93.8 133.8#

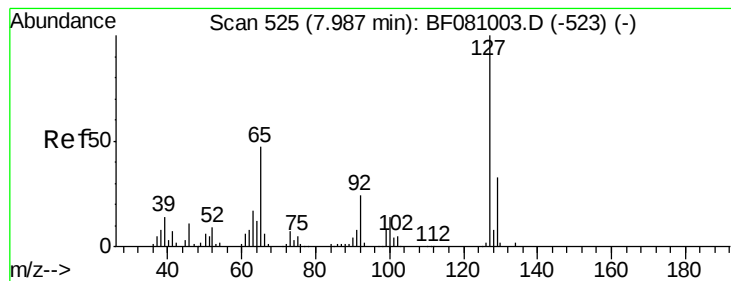


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 76.46 ng

RT: 7.92 min Scan# 528

Delta R.T. -0.03 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)

Tot Ion:127 Resp: 306297

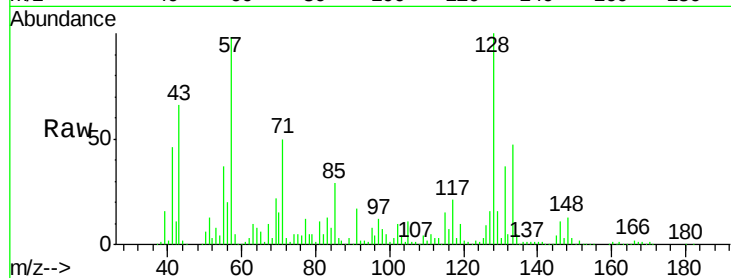
Ion Ratio Lower Upper

127 100

129 102.2 25.2 37.8#

65 37.5 37.8 56.6#

92 10.5 19.5 29.3#

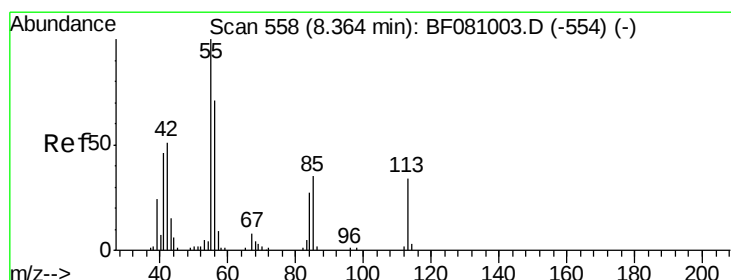
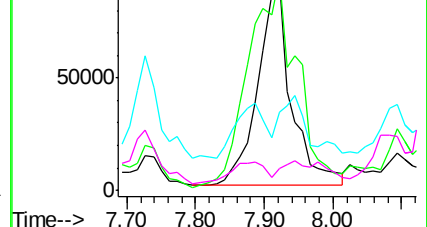
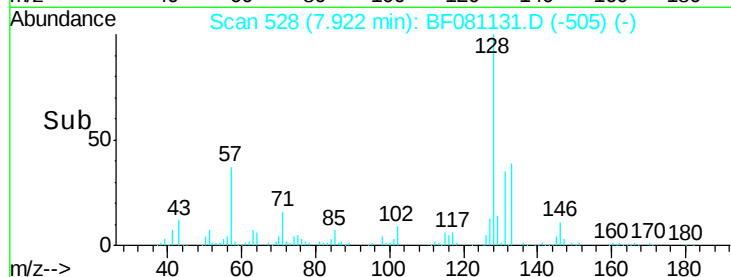


Abundance Ion 127.00 (126.70 to 127.70): E

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: 214.03 ng

RT: 8.37 min Scan# 567

Delta R.T. 0.02 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

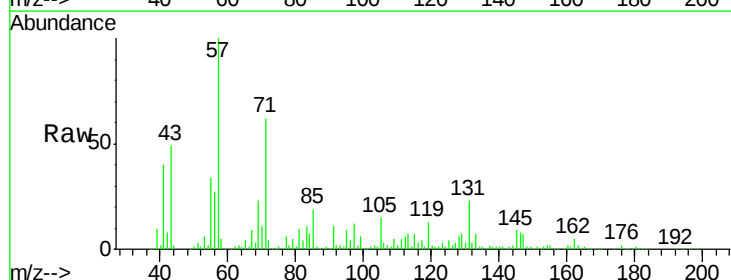
Tgt Ion:113 Resp: 180629

Ion Ratio Lower Upper

113 100

55 481.7 280.4 320.4#

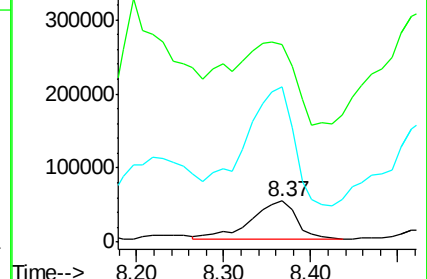
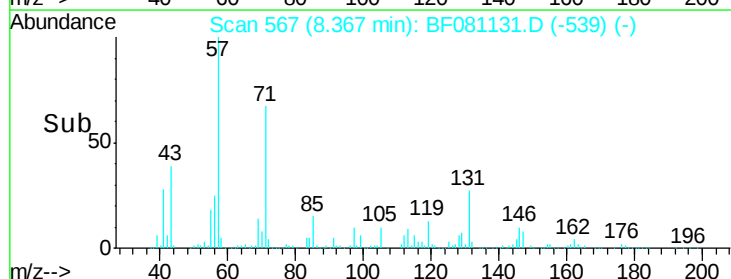
56 379.4 205.9 245.9#

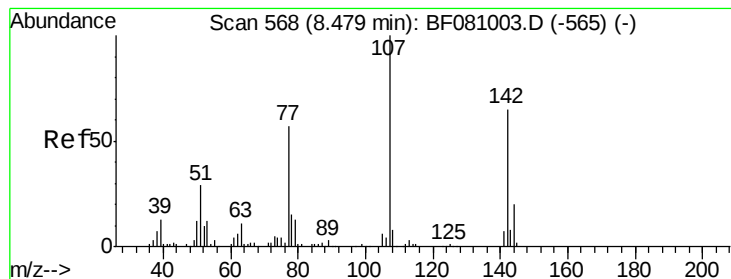


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

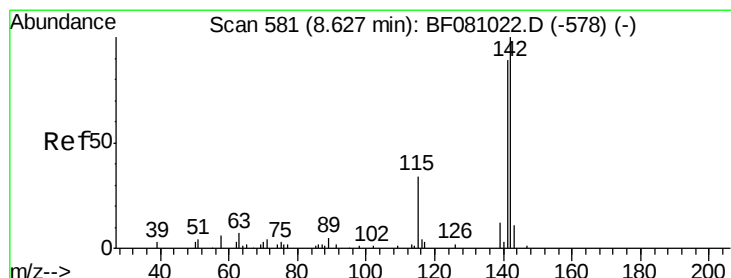
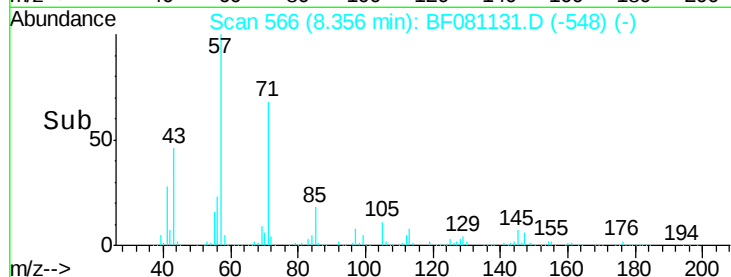
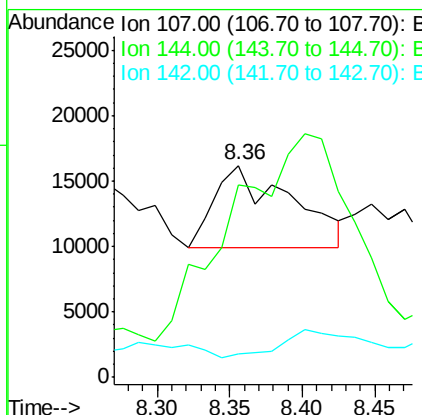
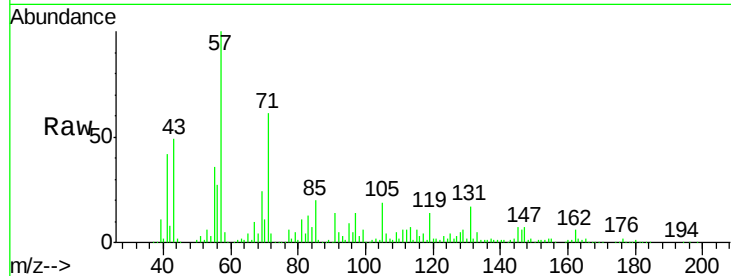




#36
 4-Chloro-3-methylphenol
 Concen: 7.94 ng
 RT: 8.36 min Scan# 566
 Delta R.T. -0.09 min
 Lab File: BF081131.D
 Acq: 20 Aug 2015 18:37

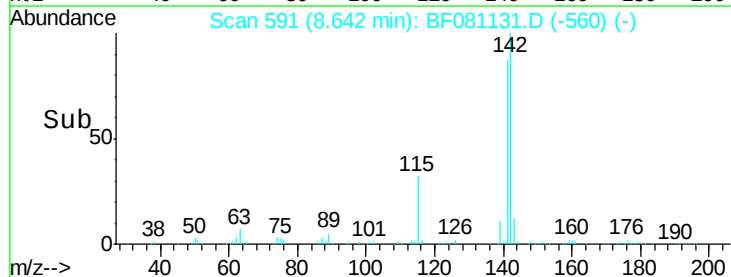
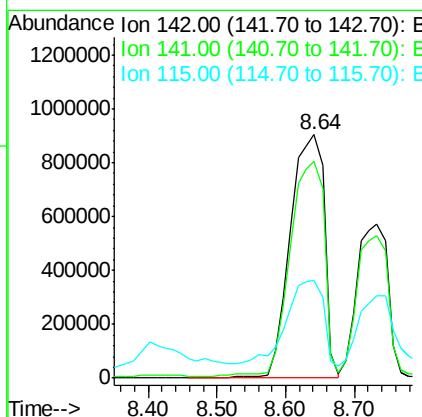
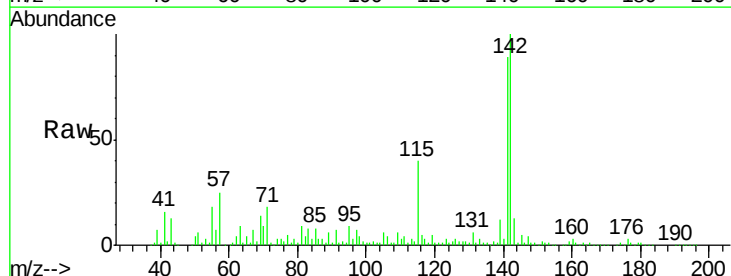
Instrument :
 BNA_F
 ClientSampleId :
 A-PIPE(4)

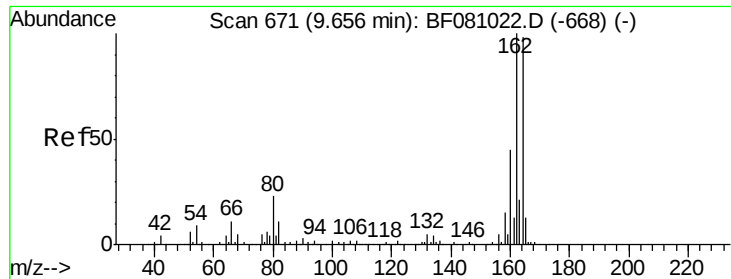
Tot Ion:107 Resp: 22849
 Ion Ratio Lower Upper
 107 100
 144 90.7 17.2 25.8#
 142 11.1 54.9 82.3#



#37
 2-Methylnaphthalene
 Concen: 509.20 ng
 RT: 8.64 min Scan# 591
 Delta R.T. 0.06 min
 Lab File: BF081131.D
 Acq: 20 Aug 2015 18:37

Tgt Ion:142 Resp: 3053734
 Ion Ratio Lower Upper
 142 100
 141 88.9 71.4 107.2
 115 40.0 33.4 50.0

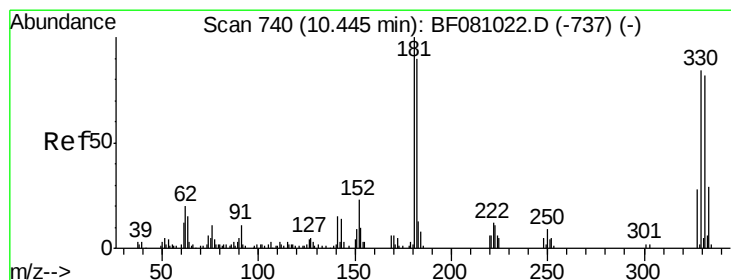
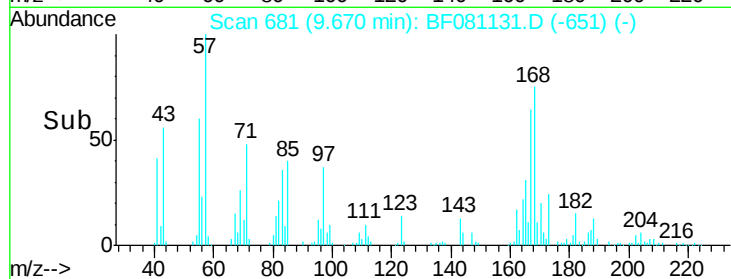
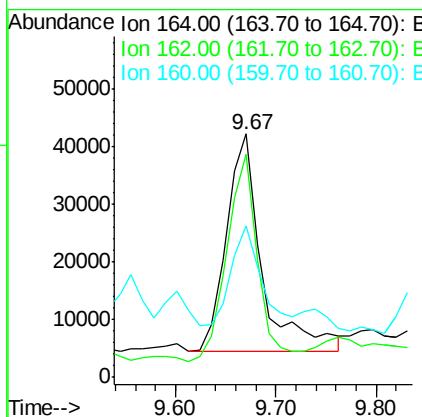
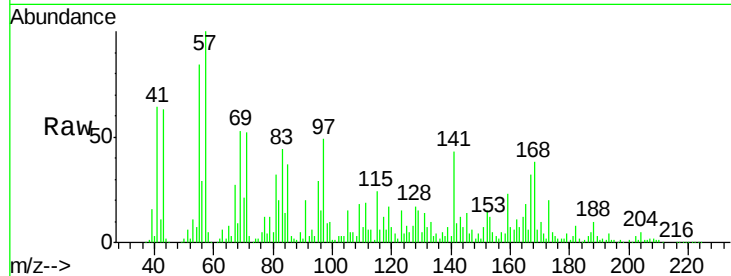




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 681
 Delta R.T. 0.05 min
 Lab File: BF081131.D
 Acq: 20 Aug 2015 18:37

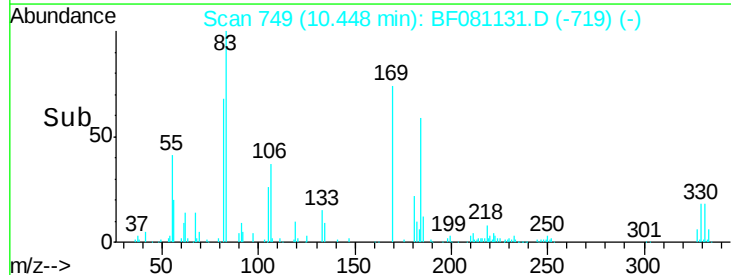
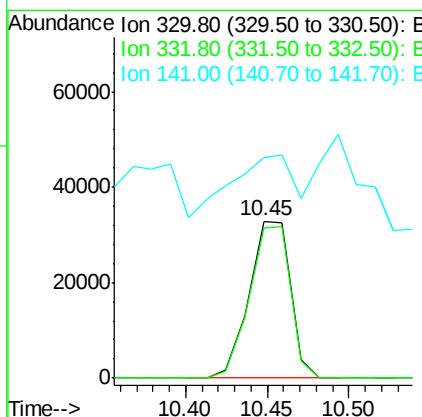
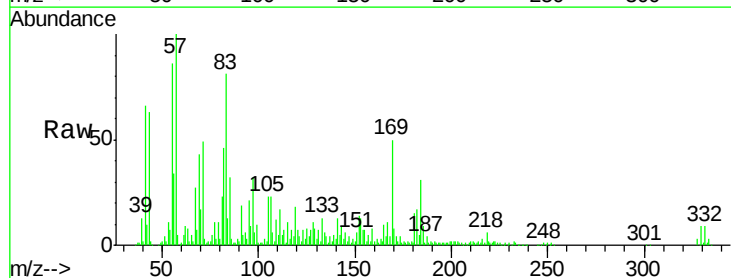
Instrument :
 BNA_F
 ClientSampleId :
 A-PIPE(4)

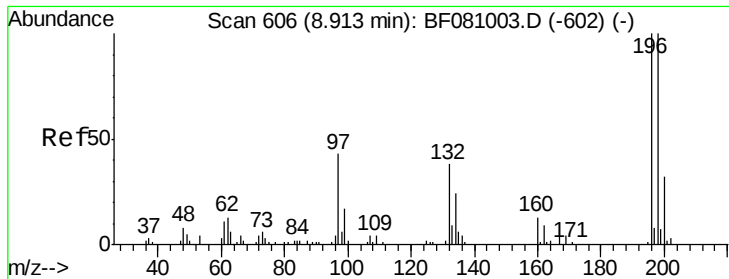
Tot Ion:164 Resp: 93191
 Ion Ratio Lower Upper
 164 100
 162 91.9 83.8 125.8
 160 62.2 39.8 59.8#



#41
 2,4,6-Tribromophenol
 Concen: 71.10 ng
 RT: 10.45 min Scan# 749
 Delta R.T. 0.05 min
 Lab File: BF081131.D
 Acq: 20 Aug 2015 18:37

Tgt Ion:330 Resp: 57434
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.3 115.9
 141 59.8 44.9 67.3





#42

2,4,6-Trichlorophenol

Concen: 2.87 ng

RT: 8.92 min Scan# 615

Delta R.T. 0.05 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)

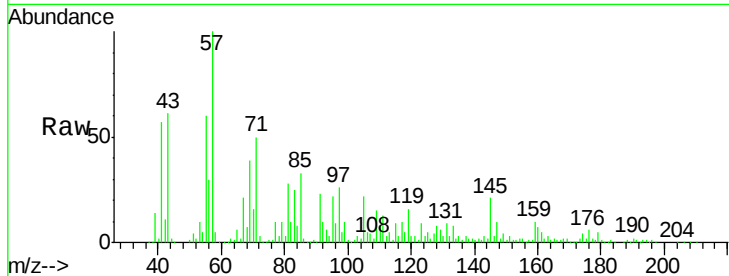
Tot Ion:196 Resp: 6100

Ion Ratio Lower Upper

196 100

198 0.0 74.6 111.8#

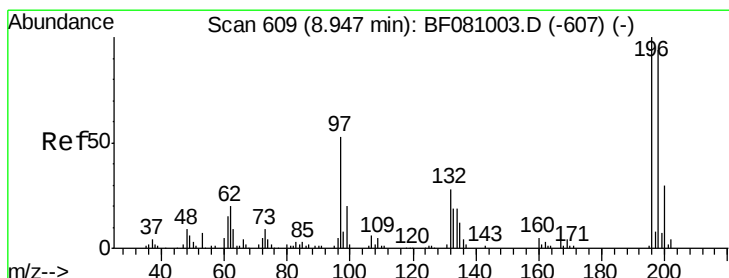
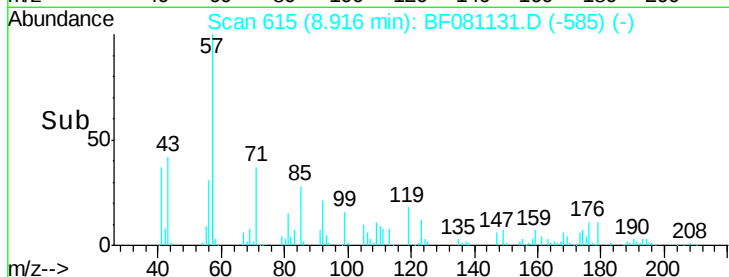
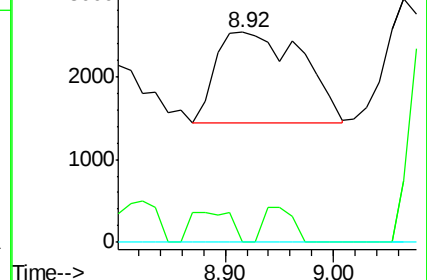
200 0.0 22.7 34.1#



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 2.87 ng

RT: 8.92 min Scan# 615

Delta R.T. 0.01 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

Tgt Ion:196 Resp: 6100

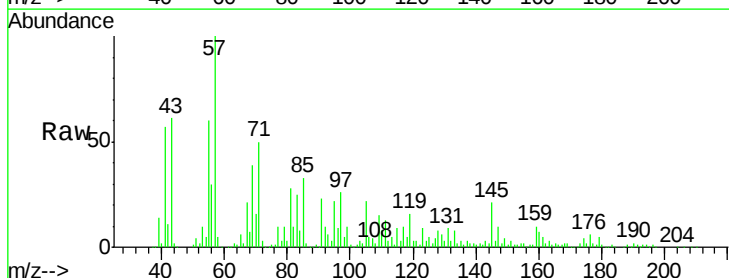
Ion Ratio Lower Upper

196 100

198 0.0 78.3 117.5#

97 4644.5 42.7 64.1#

132 585.5 23.3 34.9#

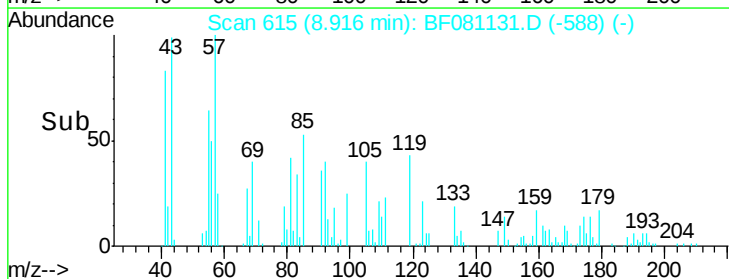
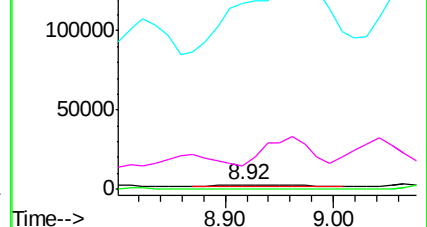


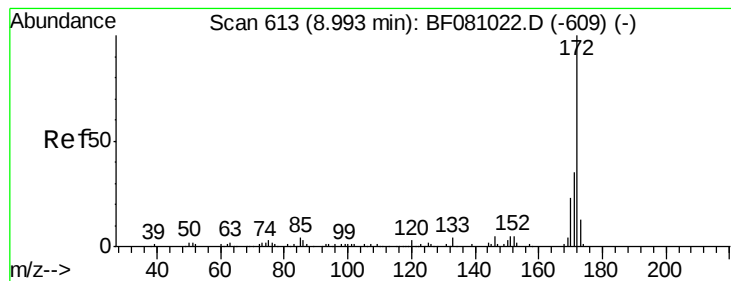
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E





#44

2-Fluorobiphenyl

Concen: 49.12 ng

RT: 9.00 min Scan# 622

Delta R.T. 0.03 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)

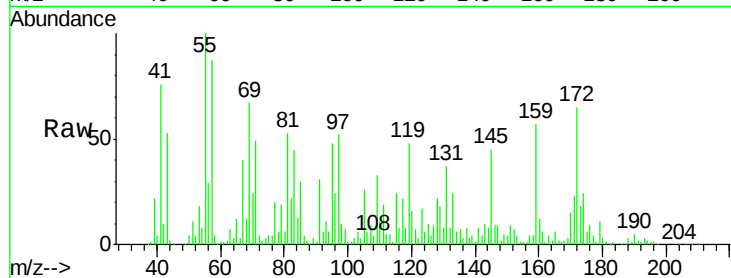
Tot Ion:172 Resp: 349377

Ion Ratio Lower Upper

172 100

171 34.7 28.9 43.3

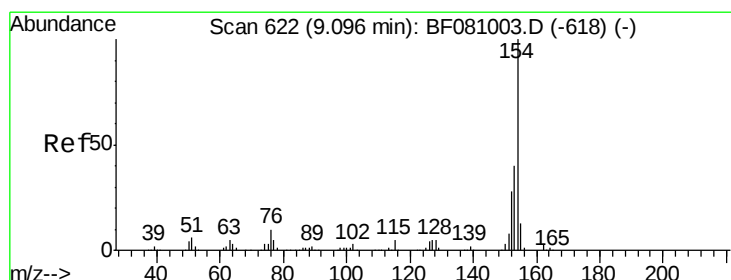
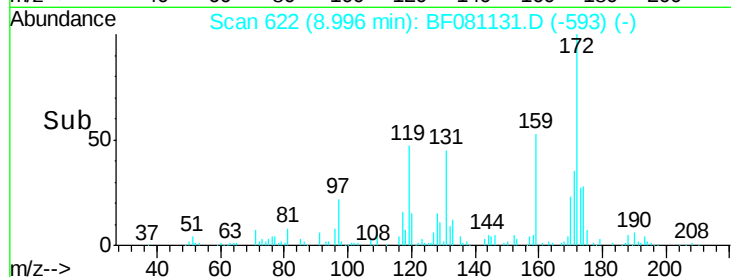
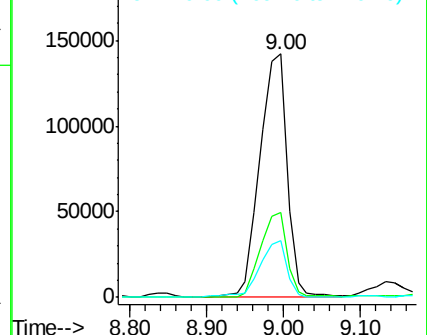
170 23.1 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 45.32 ng

RT: 9.09 min Scan# 630

Delta R.T. 0.03 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

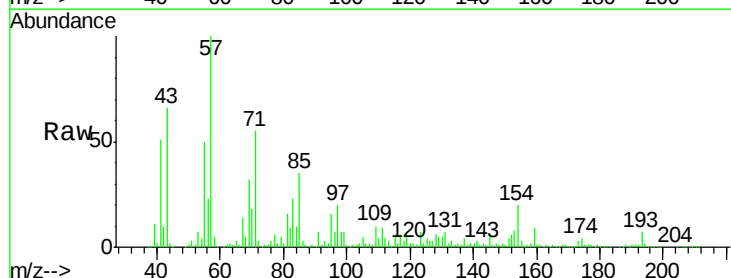
Tgt Ion:154 Resp: 372047

Ion Ratio Lower Upper

154 100

153 42.7 19.5 59.5

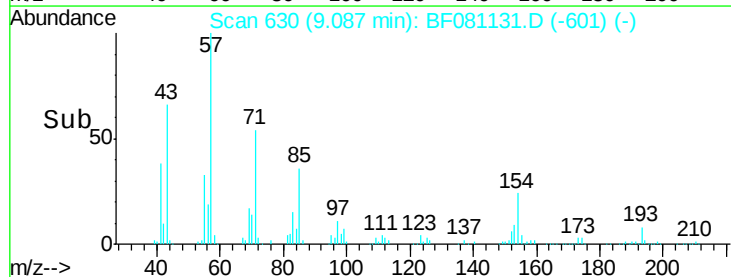
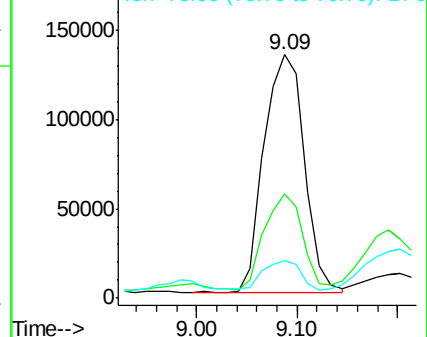
76 15.4 0.0 29.3

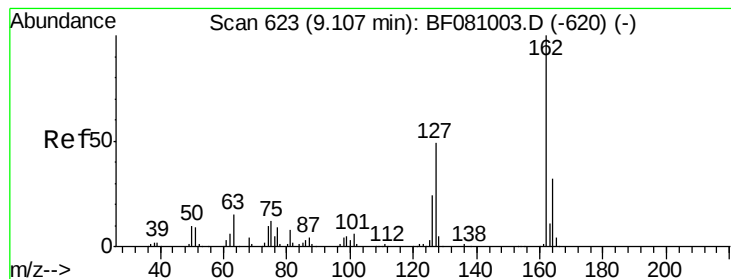


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#46

2-Chloronaphthalene

Concen: 5.34 ng

RT: 9.18 min Scan# 638

Delta R.T. 0.10 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)

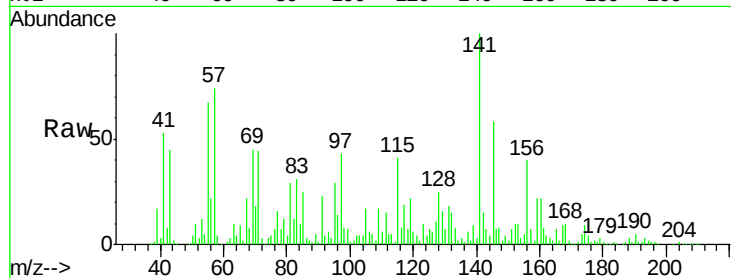
Tot Ion:162 Resp: 35196

Ion Ratio Lower Upper

162 100

127 275.4 31.3 46.9#

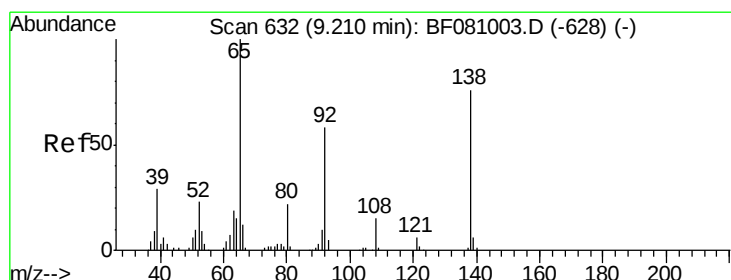
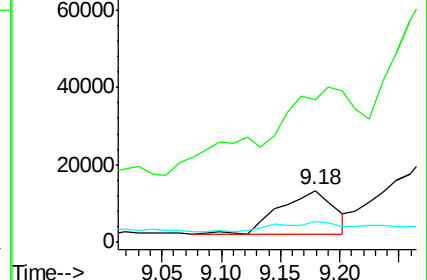
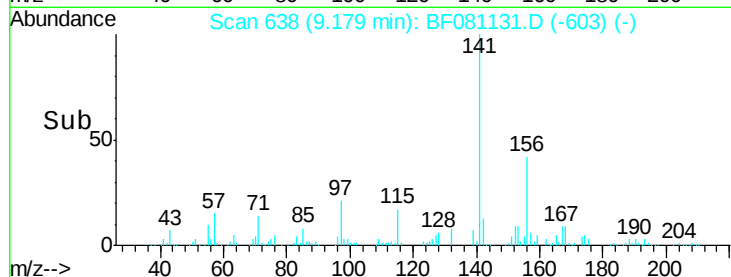
164 41.2 26.3 39.5#



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: 20.66 ng

RT: 9.17 min Scan# 637

Delta R.T. -0.01 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

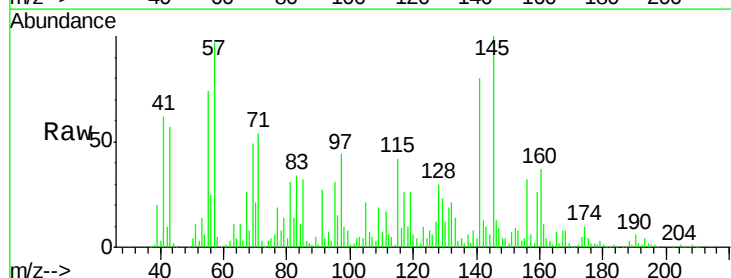
Tgt Ion: 65 Resp: 55767

Ion Ratio Lower Upper

65 100

92 37.6 45.6 68.4#

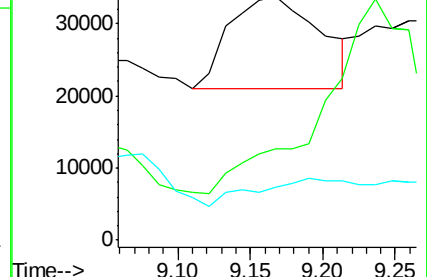
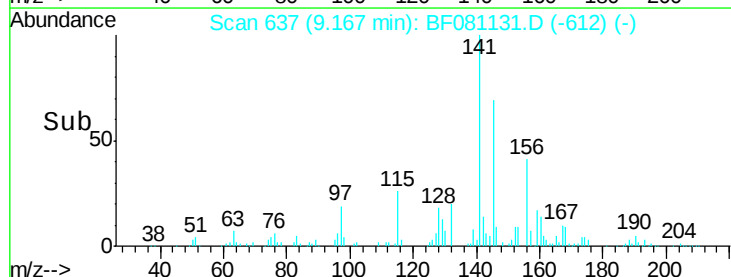
138 21.8 57.9 86.9#

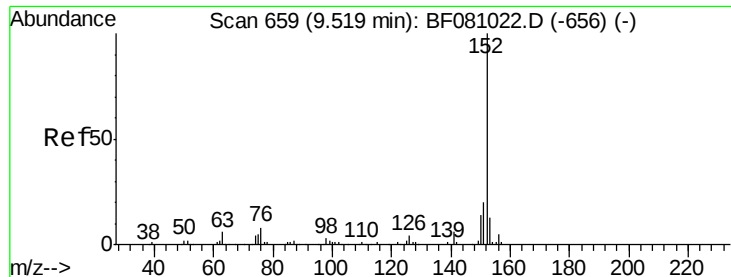


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 7.38 ng

RT: 9.53 min Scan# 669

Delta R.T. 0.05 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)

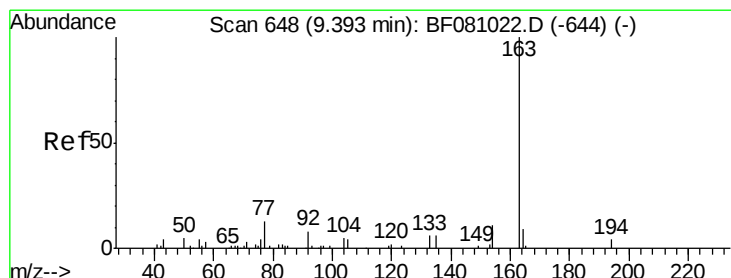
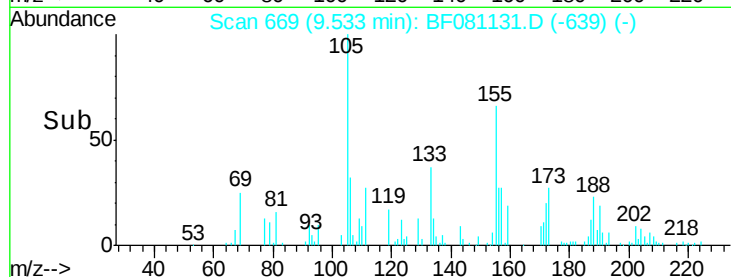
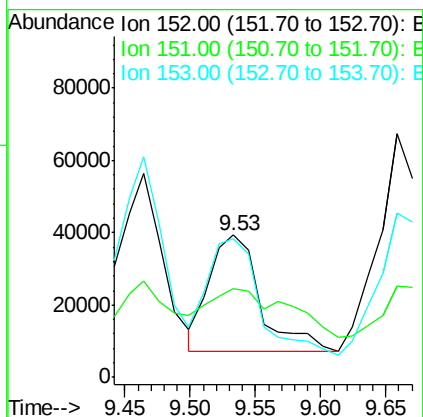
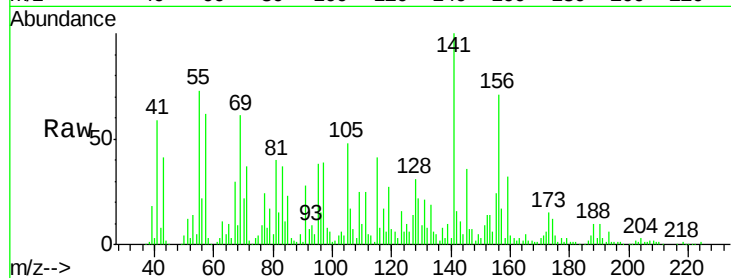
Tot Ion:152 Resp: 87076

Ion Ratio Lower Upper

152 100

151 62.5 16.1 24.1#

153 97.6 9.8 14.6#



#49

Dimethylphthalate

Concen: 5.33 ng

RT: 9.38 min Scan# 656

Delta R.T. 0.02 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

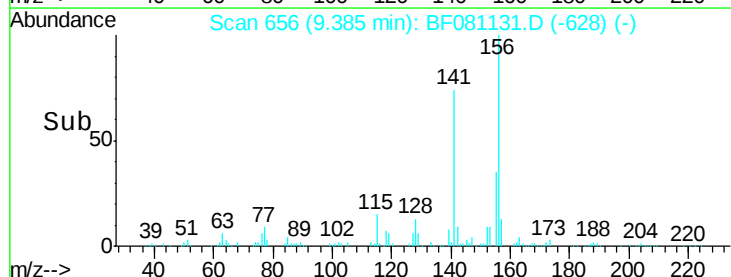
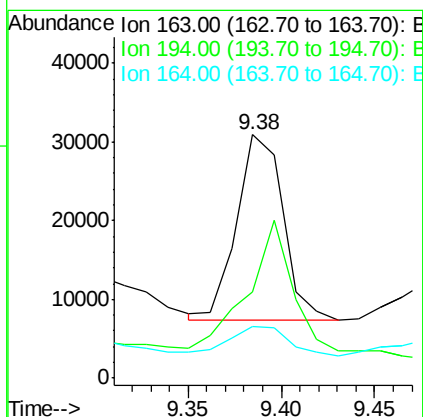
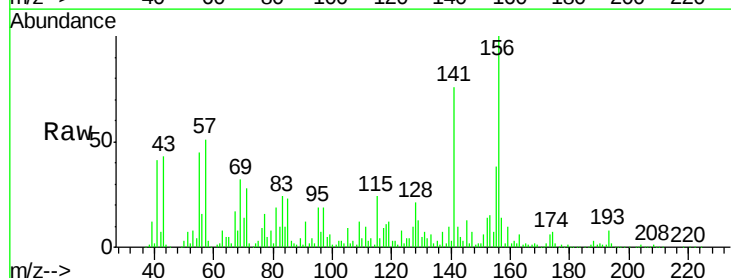
Tgt Ion:163 Resp: 40880

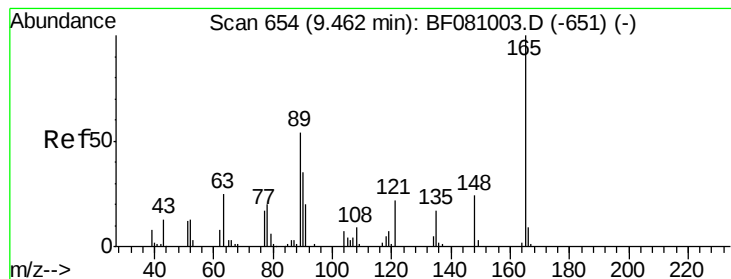
Ion Ratio Lower Upper

163 100

194 35.2 2.5 3.7#

164 21.1 8.1 12.1#





#50

2,6-Dinitrotoluene

Concen: 20.97 ng

RT: 9.52 min Scan# 668

Delta R.T. 0.10 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)

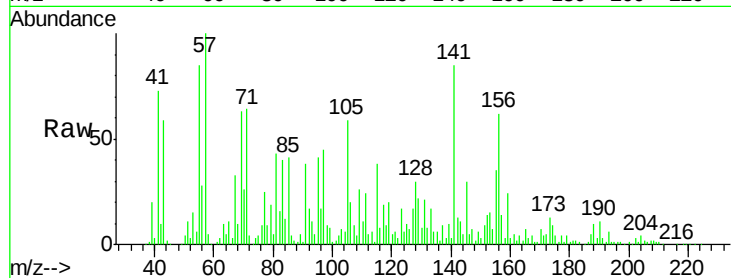
Tot Ion:165 Resp: 34554

Ion Ratio Lower Upper

165 100

63 149.1 49.5 74.3#

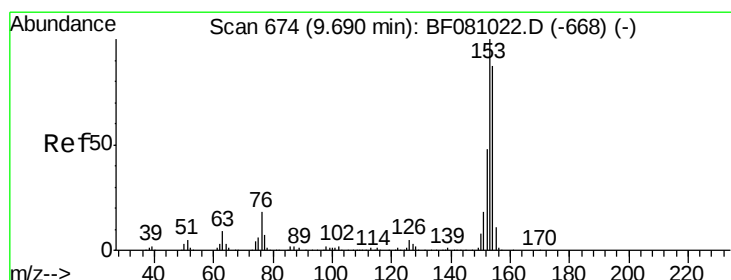
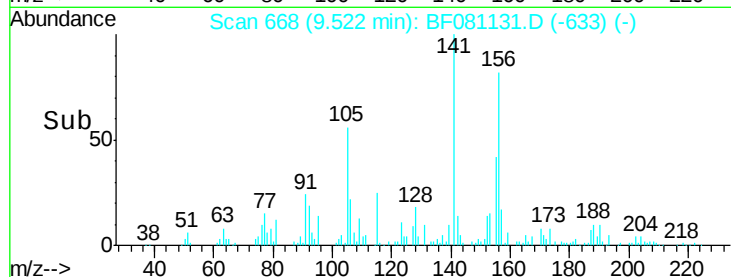
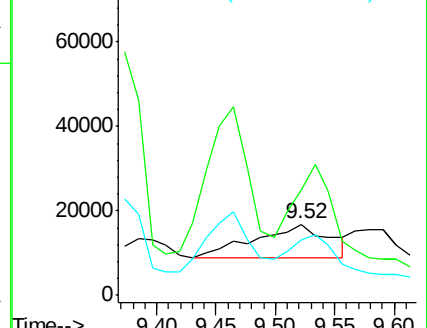
89 77.4 47.6 71.4#



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: 24.75 ng

RT: 9.70 min Scan# 684

Delta R.T. 0.05 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

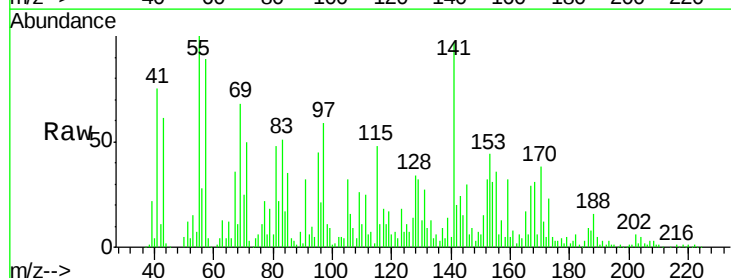
Tgt Ion:154 Resp: 174768

Ion Ratio Lower Upper

154 100

153 143.1 91.4 137.2#

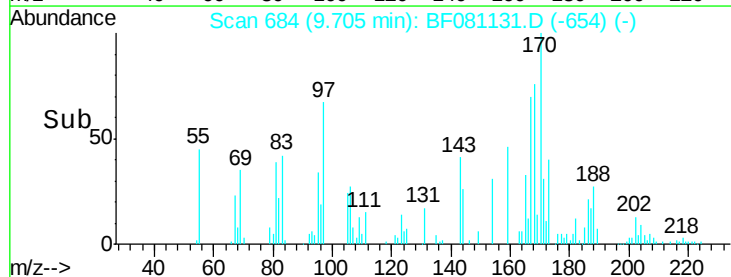
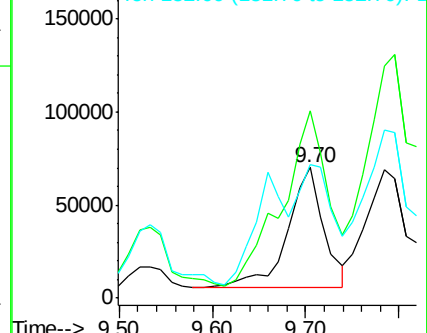
152 102.2 43.7 65.5#

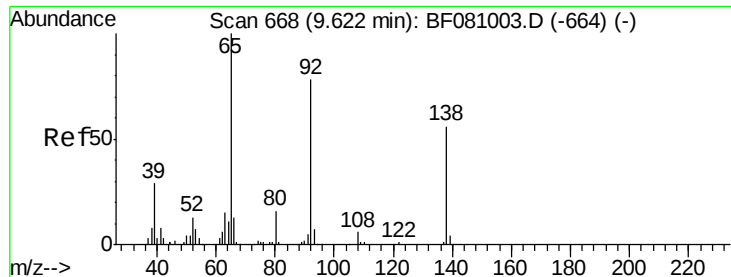


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

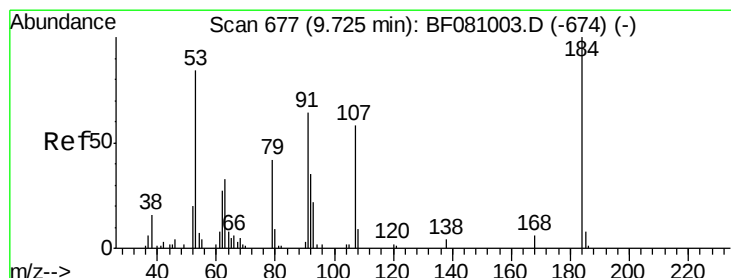
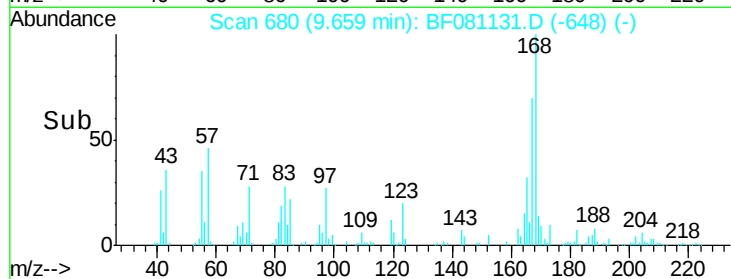
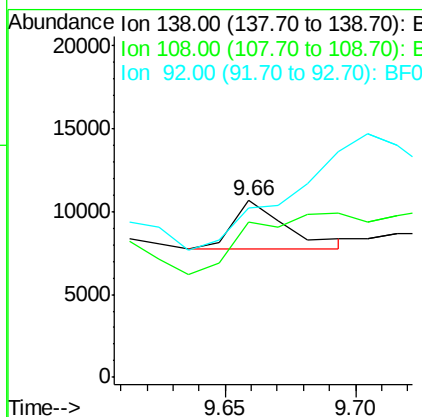
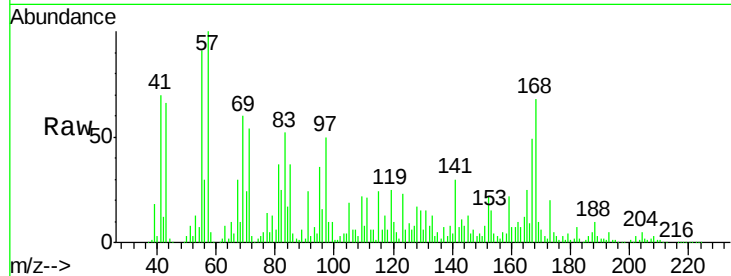




#52
 3-Nitroaniline
 Concen: 2.08 ng
 RT: 9.66 min Scan# 680
 Delta R.T. 0.07 min
 Lab File: BF081131.D
 Acq: 20 Aug 2015 18:37

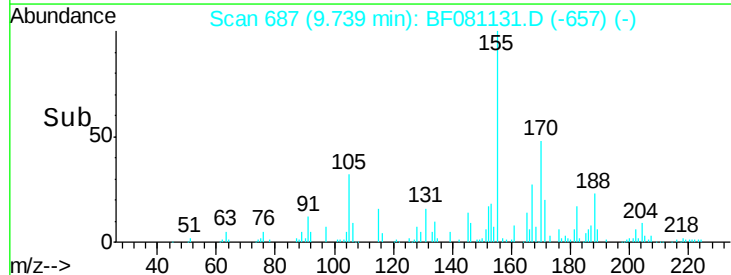
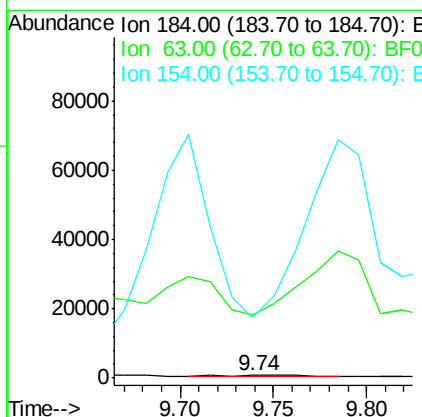
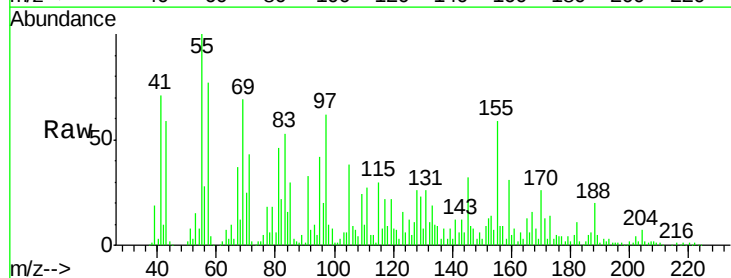
Instrument :
 BNA_F
 ClientSampleId :
 A-PIPE(4)

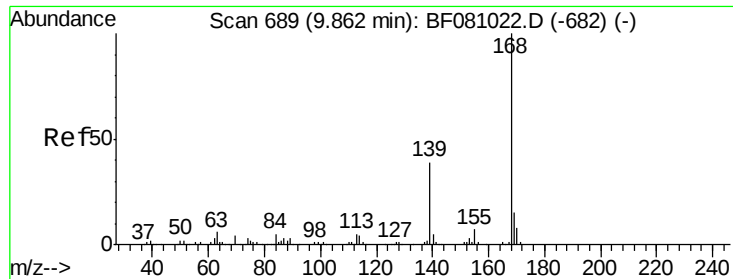
Tot Ion:138 Resp: 4294
 Ion Ratio Lower Upper
 138 100
 108 88.0 9.4 14.2#
 92 95.8 113.2 169.8#



#53
 2,4-Dinitrophenol
 Concen: 4.52 ng
 RT: 9.74 min Scan# 687
 Delta R.T. 0.05 min
 Lab File: BF081131.D
 Acq: 20 Aug 2015 18:37

Tgt Ion:184 Resp: 1442
 Ion Ratio Lower Upper
 184 100
 63 2261.2 101.7 152.5#
 154 2153.2 67.4 101.0#





#54

Dibenzofuran

Concen: 18.27 ng

RT: 9.88 min Scan# 699

Delta R.T. 0.05 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)

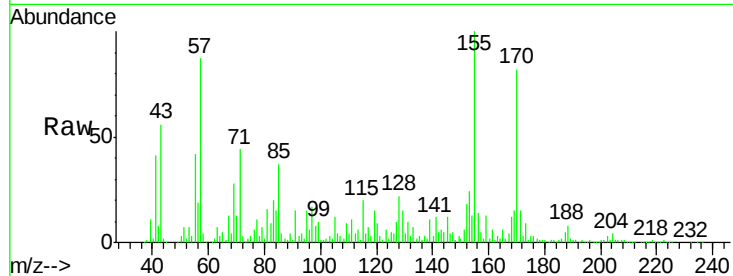
Tot Ion:168 Resp: 172945

Ion Ratio Lower Upper

168 100

139 90.2 29.3 43.9#

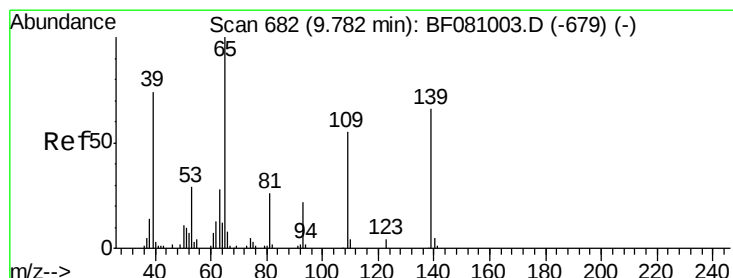
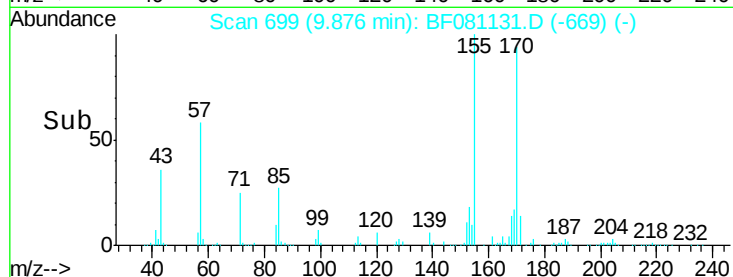
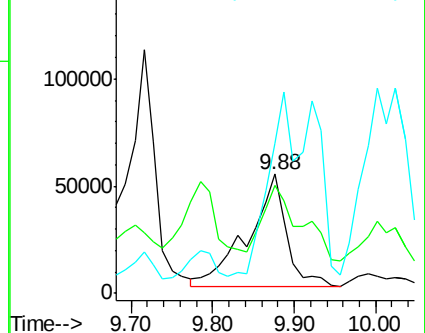
169 126.0 10.3 15.5#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 84.07 ng

RT: 9.78 min Scan# 691

Delta R.T. 0.03 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

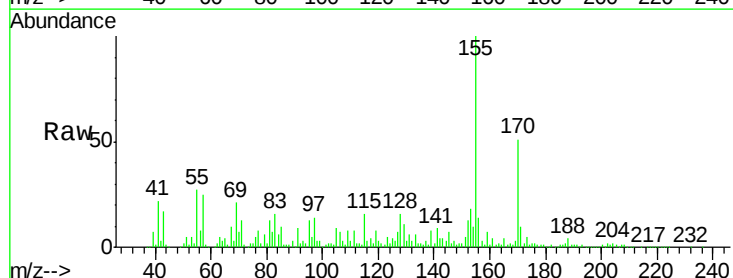
Tgt Ion:139 Resp: 121752

Ion Ratio Lower Upper

139 100

109 104.6 80.0 120.0

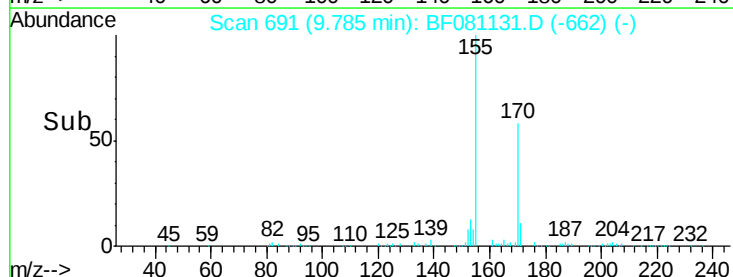
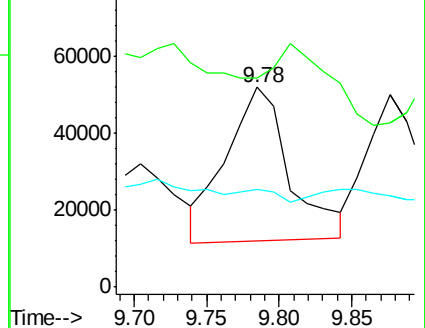
65 48.6 138.3 178.3#

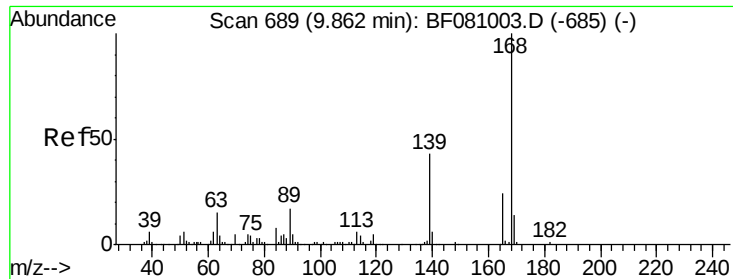


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

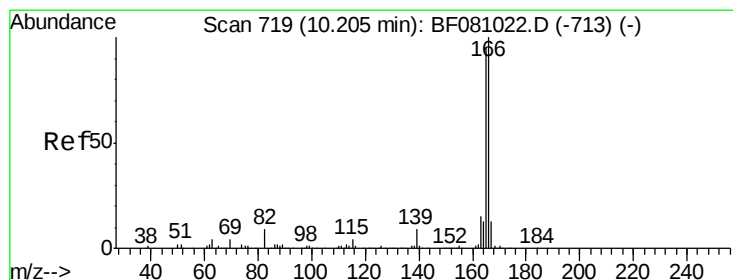
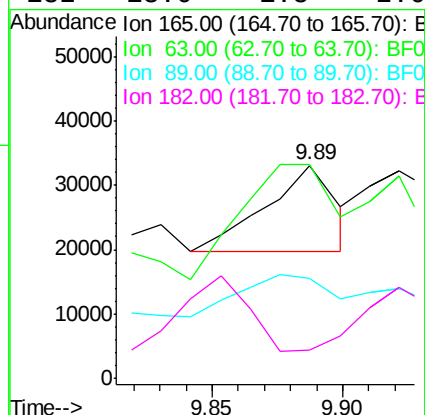
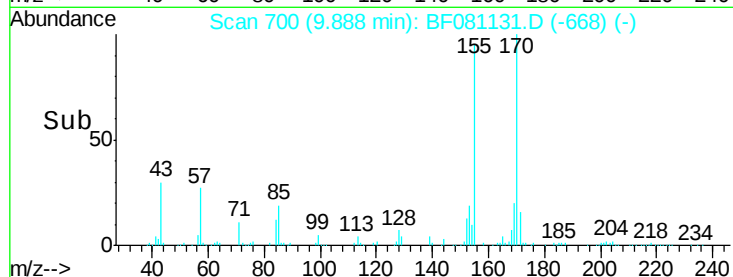
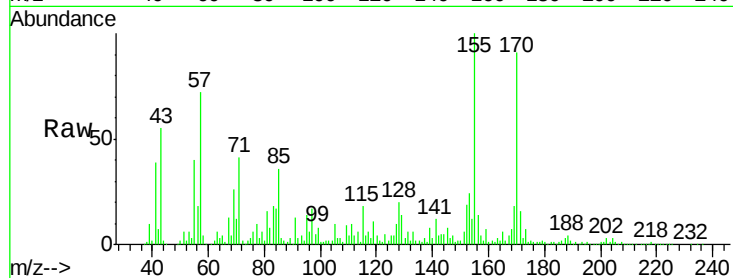




#56
2,4-Dinitrotoluene
Concen: 11.52 ng
RT: 9.89 min Scan# 700
Delta R.T. 0.07 min
Lab File: BF081131.D
Acq: 20 Aug 2015 18:37

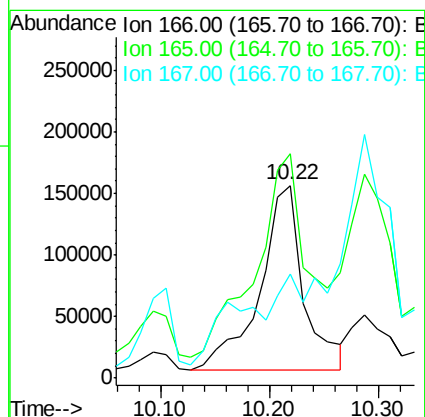
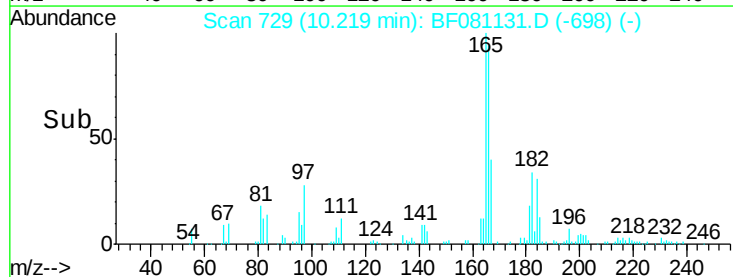
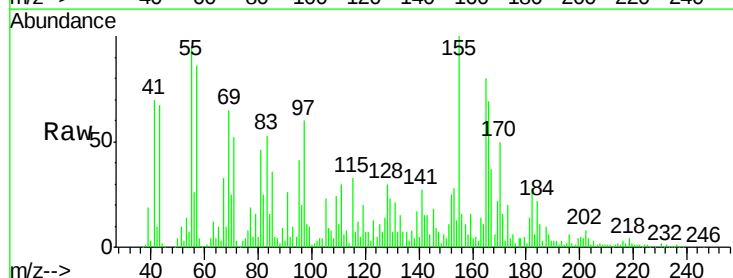
Instrument :
BNA_F
ClientSampleId :
A-PIPE(4)

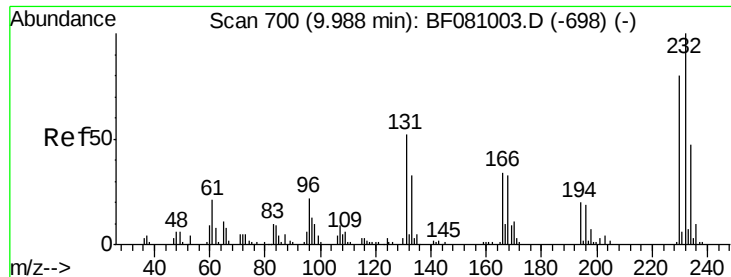
Tot Ion:165 Resp: 25161
Ion Ratio Lower Upper
165 100
63 100.3 52.2 78.4#
89 46.6 60.1 90.1#
182 13.0 1.8 2.6#



#57
Fluorene
Concen: 57.66 ng
RT: 10.22 min Scan# 729
Delta R.T. 0.06 min
Lab File: BF081131.D
Acq: 20 Aug 2015 18:37

Tgt Ion:166 Resp: 419756
Ion Ratio Lower Upper
166 100
165 116.3 75.8 113.8#
167 54.0 11.3 16.9#

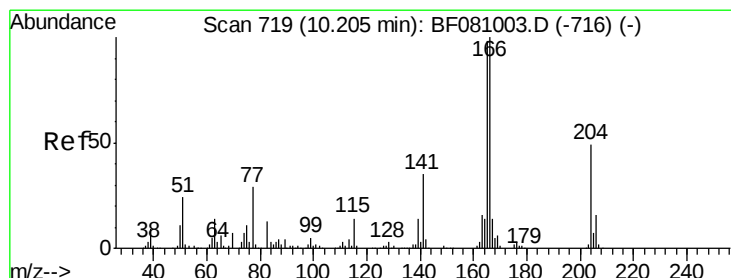
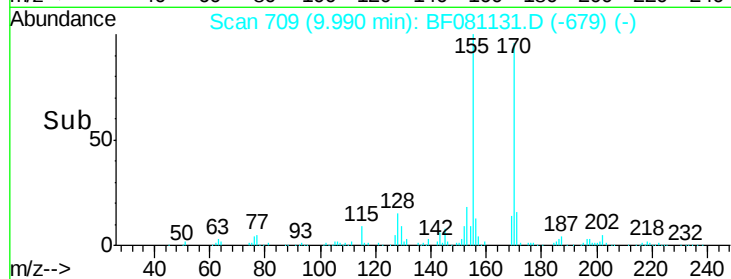
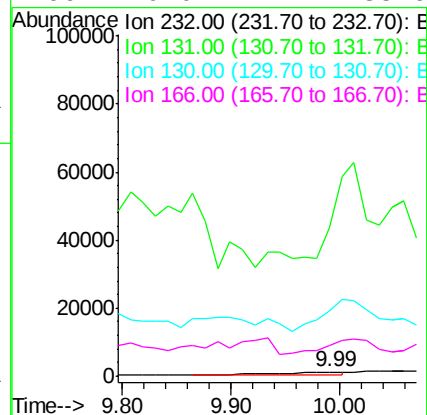
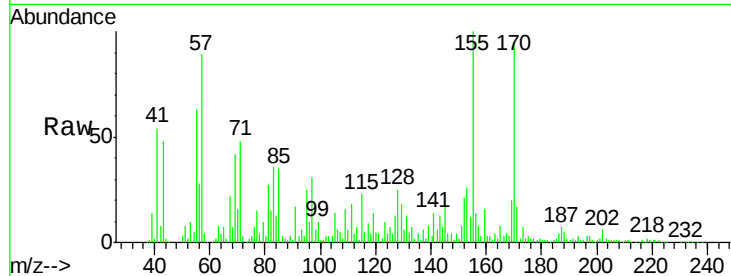




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.43 ng
 RT: 9.99 min Scan# 709
 Delta R.T. 0.05 min
 Lab File: BF081131.D
 Acq: 20 Aug 2015 18:37

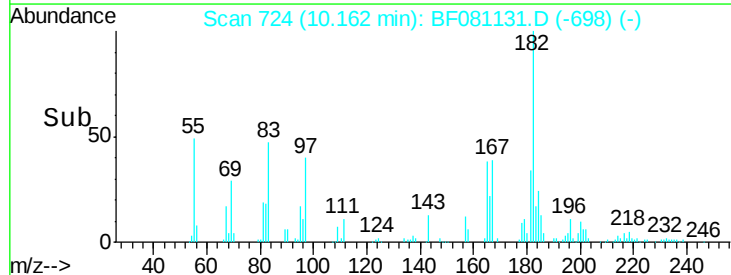
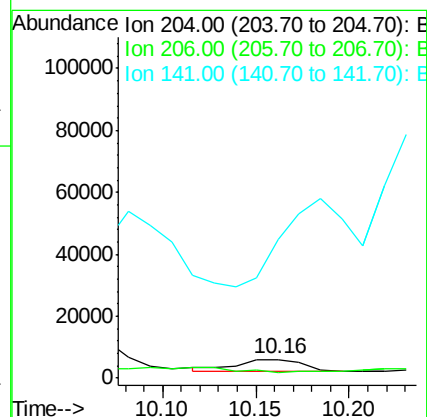
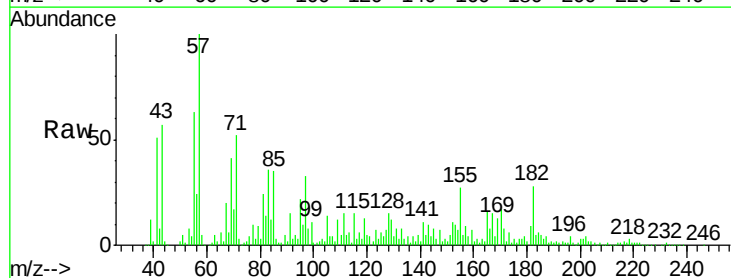
Instrument :
 BNA_F
 ClientSampleId :
 A-PIPE(4)

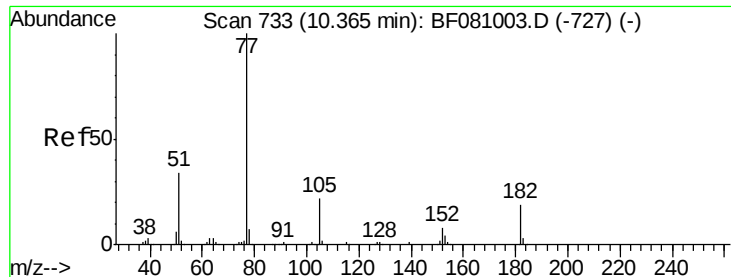
Tot Ion:232 Resp: 3987
 Ion Ratio Lower Upper
 232 100
 131 0.0 42.2 63.4#
 130 0.0 2.1 3.1#
 166 0.0 22.4 33.6#



#60
 4-Chlorophenyl-phenylether
 Concen: 3.08 ng
 RT: 10.16 min Scan# 724
 Delta R.T. -0.00 min
 Lab File: BF081131.D
 Acq: 20 Aug 2015 18:37

Tgt Ion:204 Resp: 9481
 Ion Ratio Lower Upper
 204 100
 206 31.9 26.2 39.2
 141 733.7 59.6 89.4#





#62

Azobenzene

Concen: 5.39 ng

RT: 10.37 min Scan# 742

Delta R.T. 0.05 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)

Tot Ion: 77 Resp: 50485

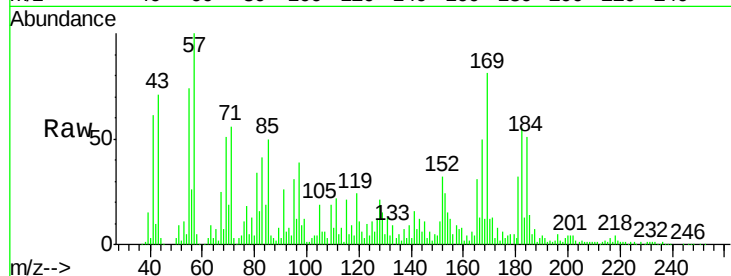
Ion Ratio Lower Upper

77 100

182 308.3 0.0 39.0#

105 109.1 0.2 40.2#

51 48.5 18.0 58.0

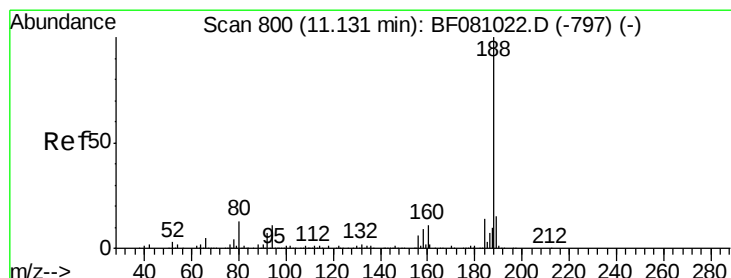
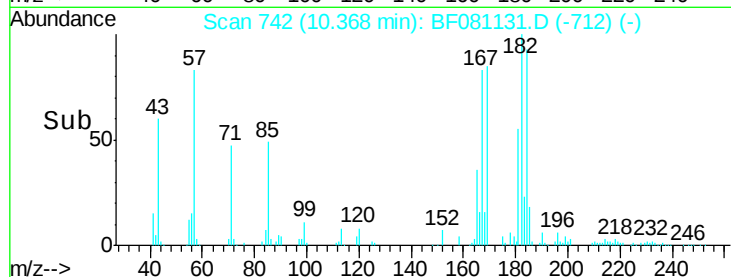
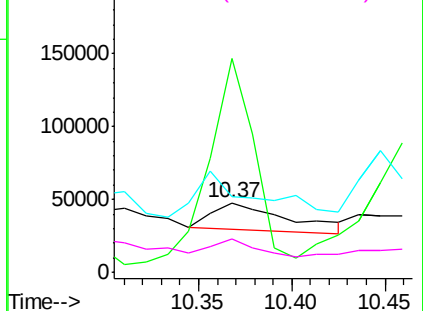


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.13 min Scan# 809

Delta R.T. 0.05 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

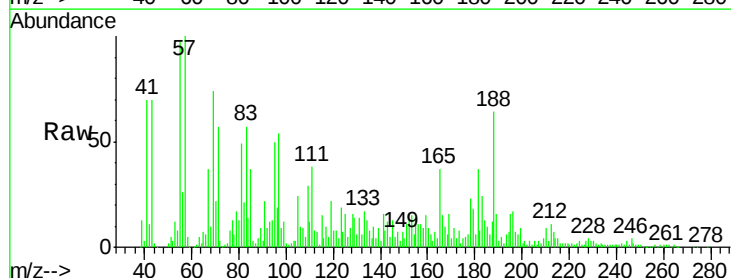
Tgt Ion: 188 Resp: 153099

Ion Ratio Lower Upper

188 100

94 19.9 8.2 12.2#

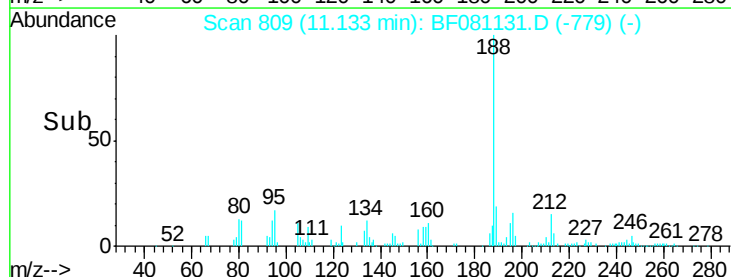
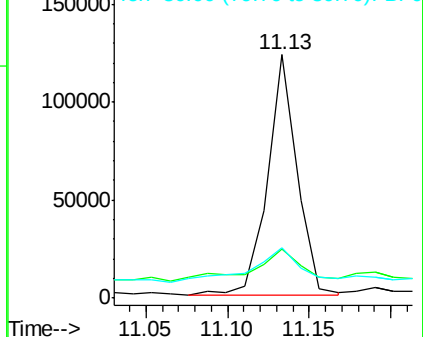
80 20.6 9.5 14.3#

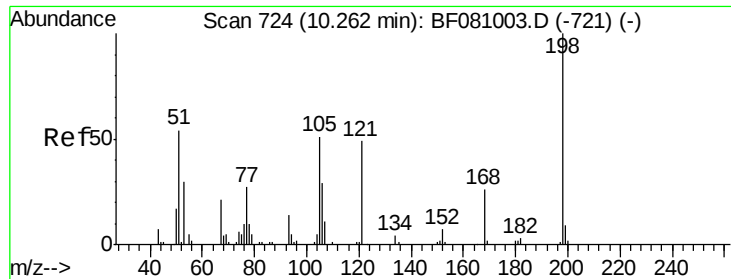


Abundance Ion 188.00 (187.70 to 188.70): E

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: 4.72 ng

RT: 10.32 min Scan# 738

Delta R.T. 0.09 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)

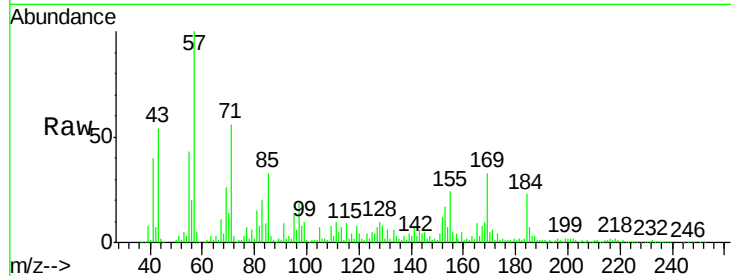
Tot Ion:198 Resp: 4318

Ion Ratio Lower Upper

198 100

51 585.0 79.7 119.7#

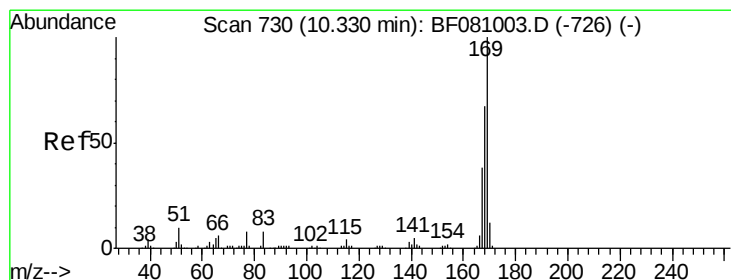
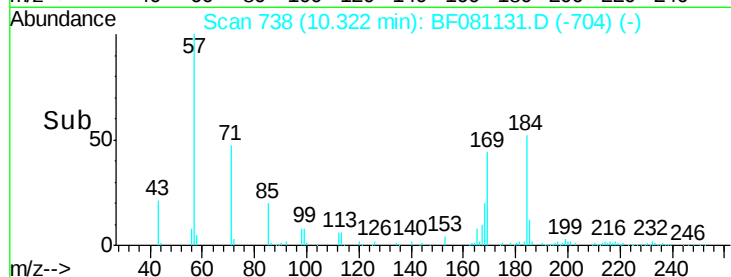
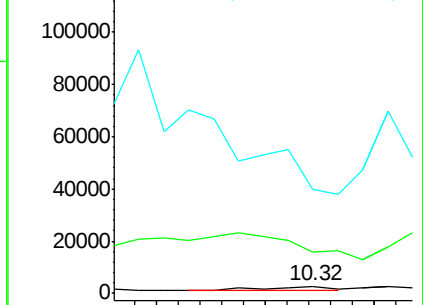
105 1458.5 47.0 87.0#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 48.72 ng

RT: 10.33 min Scan# 739

Delta R.T. 0.05 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

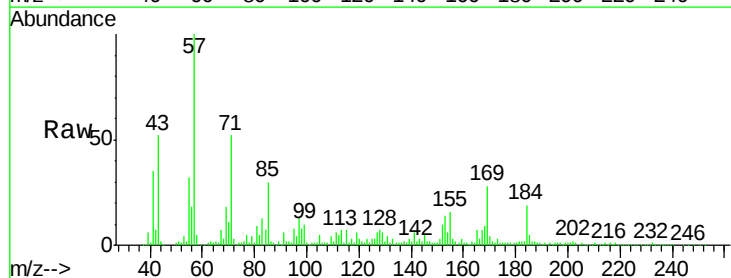
Tgt Ion:169 Resp: 266277

Ion Ratio Lower Upper

169 100

168 31.2 55.3 82.9#

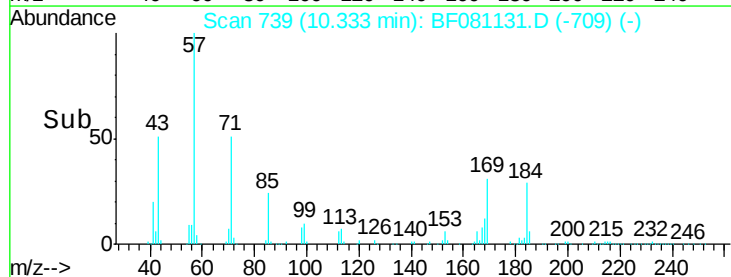
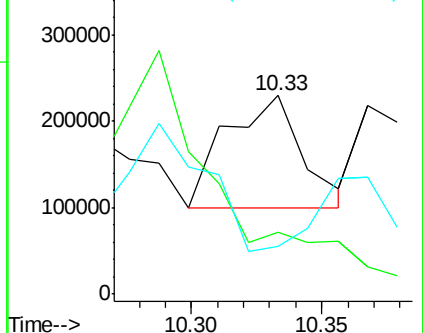
167 24.2 30.8 46.2#

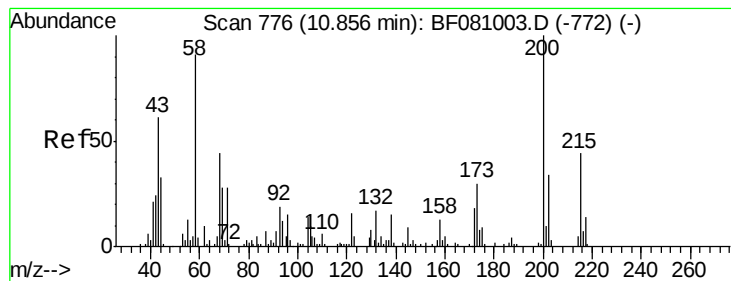


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#68

Atrazine

Concen: 24.30 ng

RT: 10.87 min Scan# 786

Delta R.T. 0.06 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

Instrument :

BNA_F

ClientSampled :

A-PIPE(4)

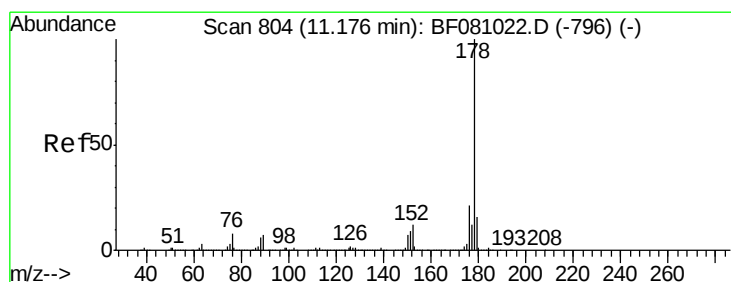
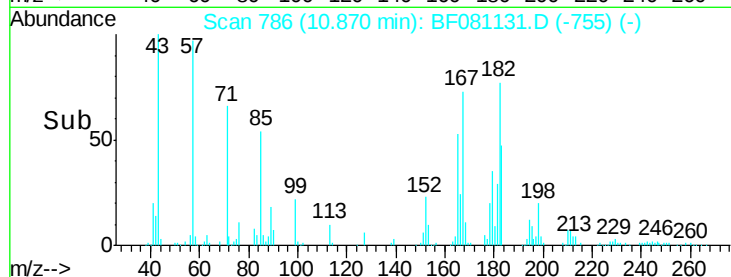
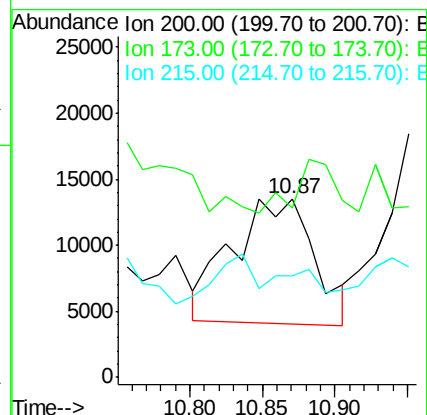
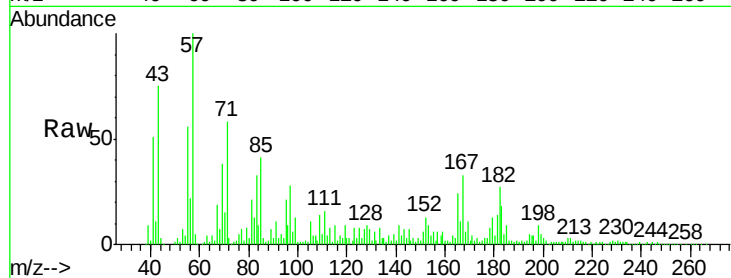
Tot Ion:200 Resp: 37001

Ion Ratio Lower Upper

200 100

173 95.0 8.1 48.1#

215 57.1 23.3 63.3



#70

Phenanthrene

Concen: 114.43 ng

RT: 11.17 min Scan# 812

Delta R.T. 0.05 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

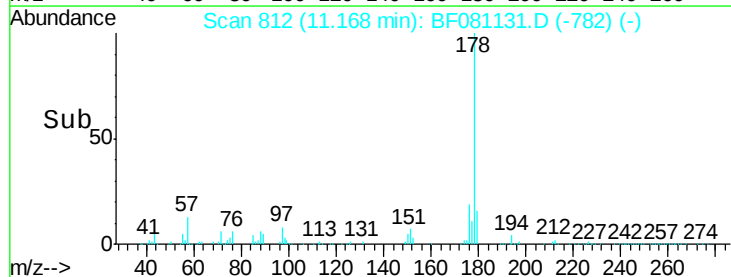
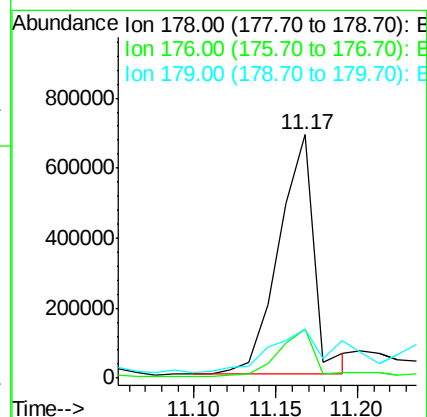
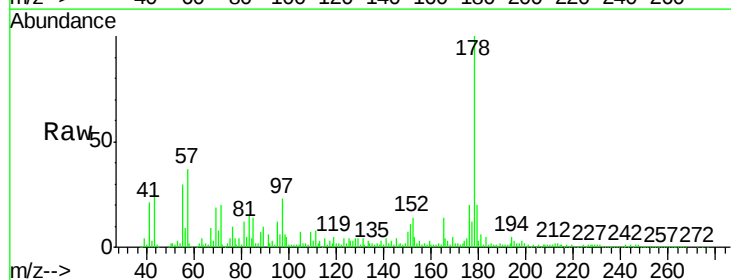
Tgt Ion:178 Resp: 1038306

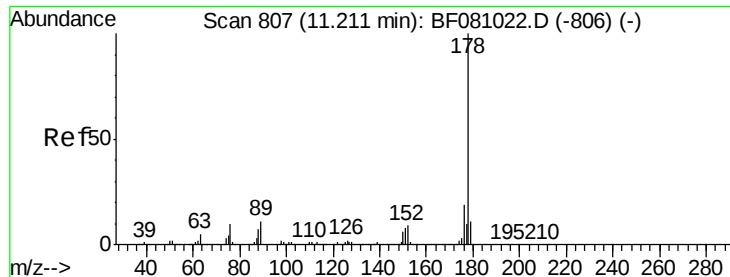
Ion Ratio Lower Upper

178 100

176 19.9 15.7 23.5

179 20.1 12.2 18.2#





#71

Anthracene

Concen: 10.74 ng

RT: 11.26 min Scan# 820

Delta R.T. 0.09 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)

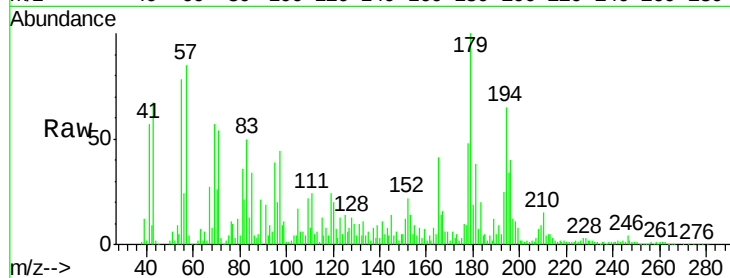
Tot Ion:178 Resp: 94805

Ion Ratio Lower Upper

178 100

176 21.6 15.7 23.5

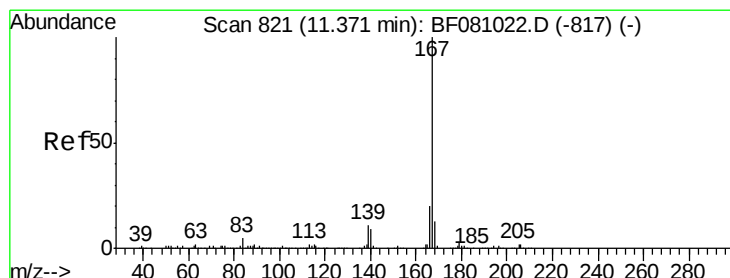
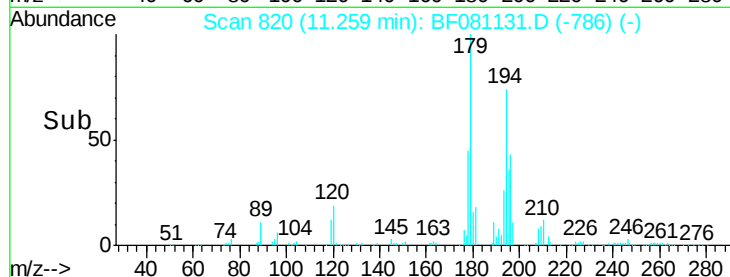
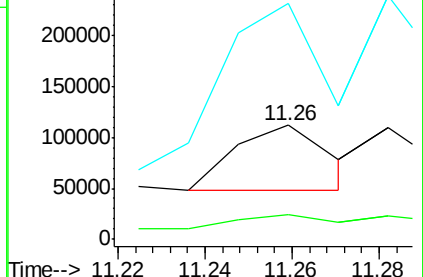
179 206.9 12.7 19.1#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 7.31 ng

RT: 11.35 min Scan# 828

Delta R.T. 0.02 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

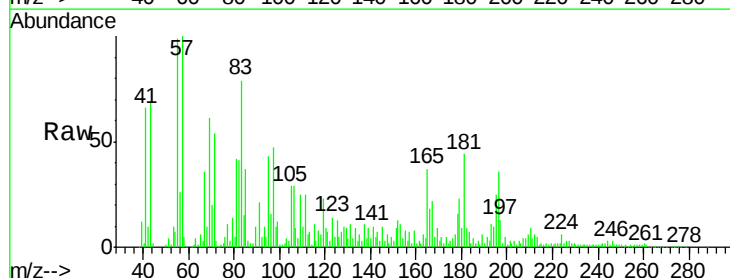
Tgt Ion:167 Resp: 62143

Ion Ratio Lower Upper

167 100

166 82.7 17.4 26.0#

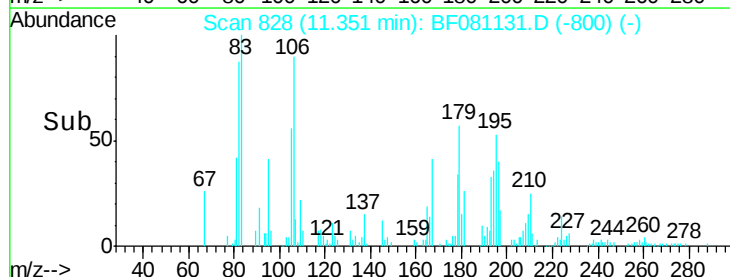
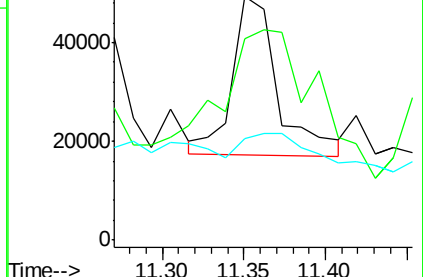
139 41.5 10.6 16.0#

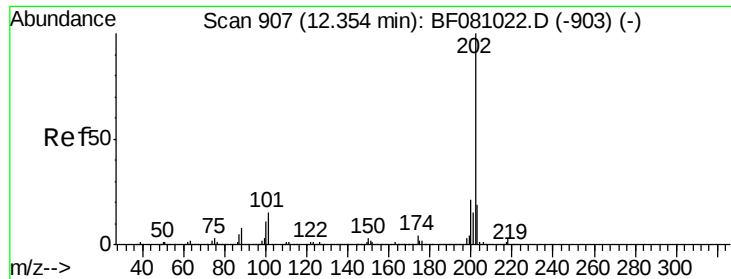


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 31.29 ng

RT: 12.55 min Scan# 933

Delta R.T. 0.26 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)

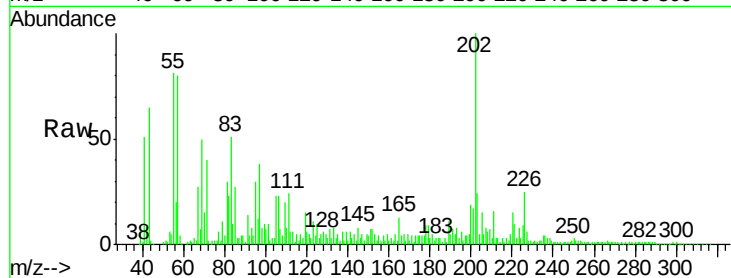
Tot Ion:202 Resp: 306320

Ion Ratio Lower Upper

202 100

101 10.4 0.0 24.8

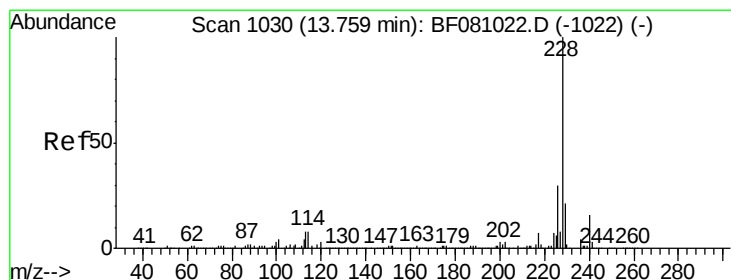
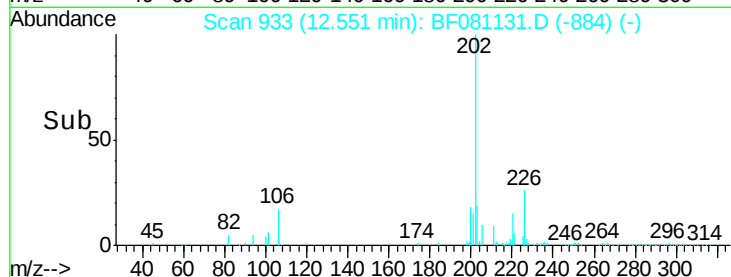
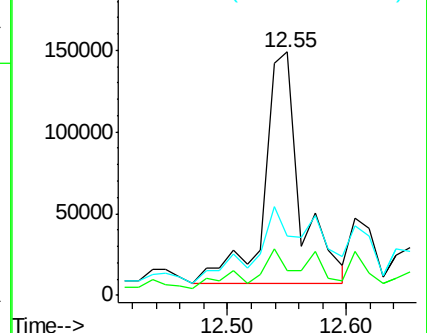
203 24.2 0.0 36.9



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: 13.71 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

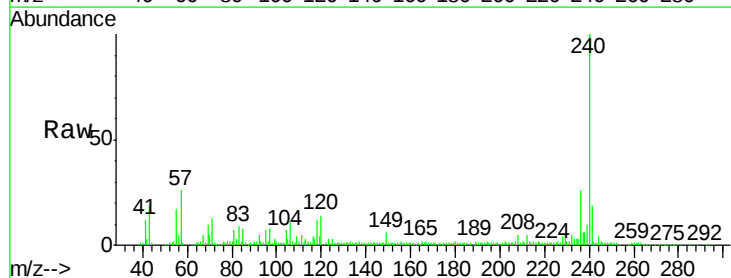
Tgt Ion:240 Resp: 148255

Ion Ratio Lower Upper

240 100

120 14.2 5.6 8.4#

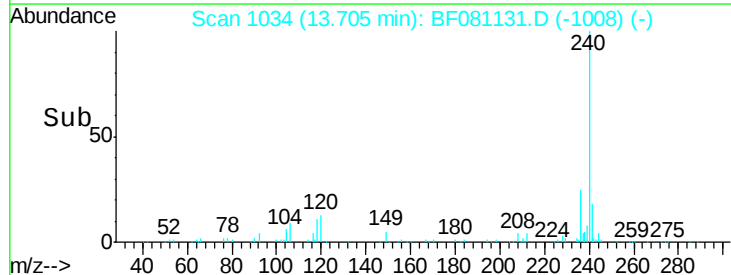
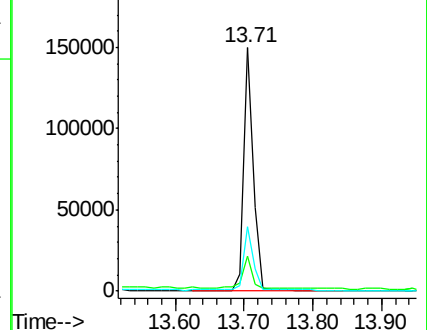
236 26.2 20.6 30.8

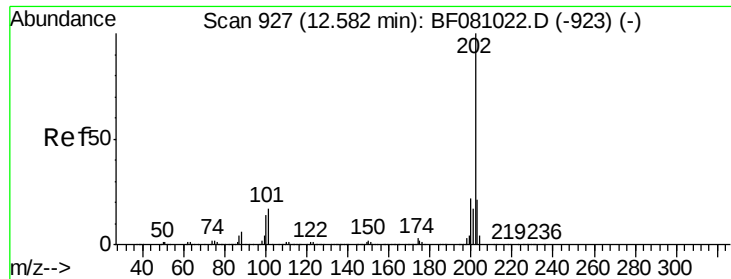


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 25.42 ng

RT: 12.55 min Scan# 933

Delta R.T. 0.03 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)

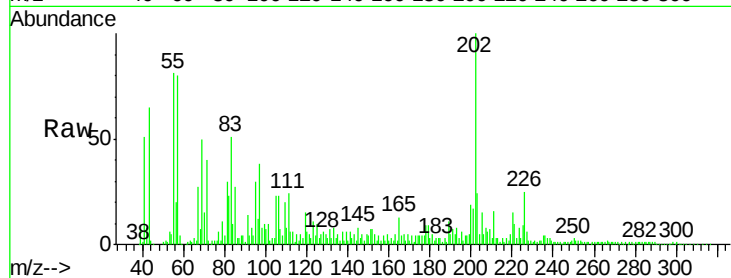
Tot Ion:202 Resp: 306320

Ion Ratio Lower Upper

202 100

200 19.2 16.6 24.8

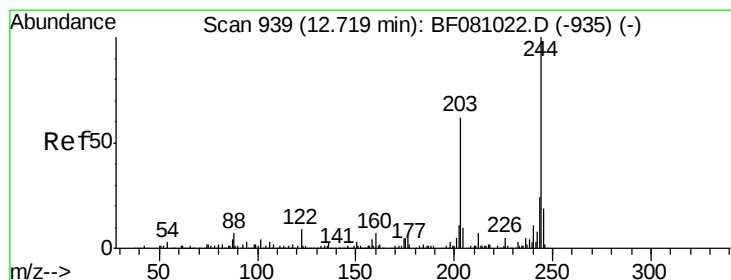
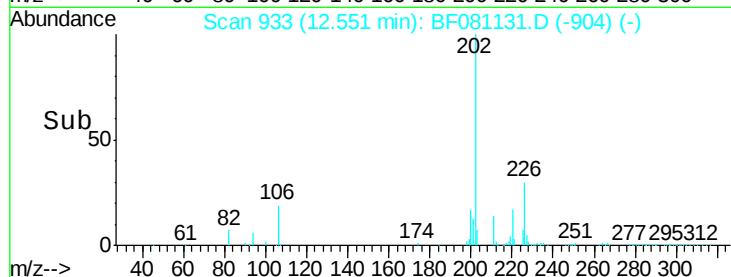
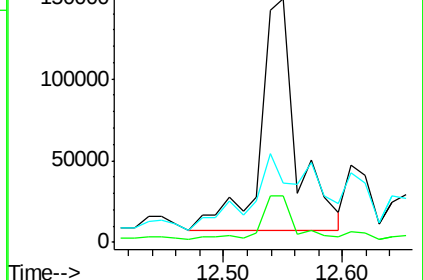
203 24.2 14.1 21.1#



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: 48.53 ng

RT: 12.70 min Scan# 946

Delta R.T. 0.02 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

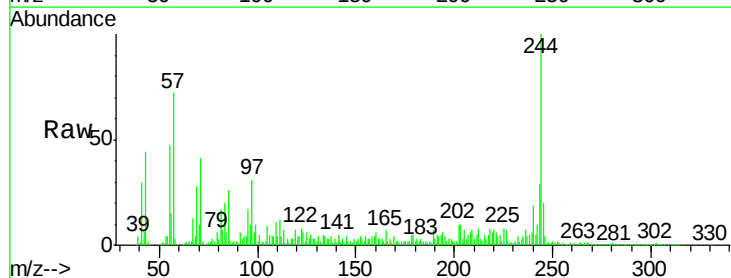
Tgt Ion:244 Resp: 335590

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

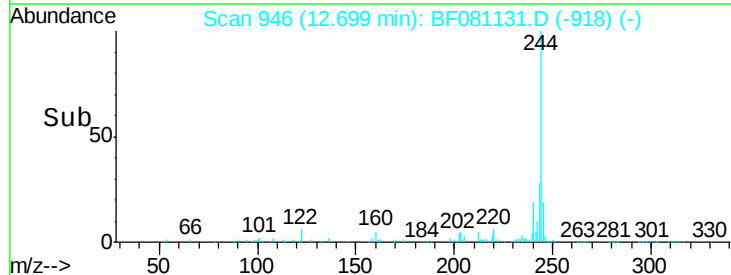
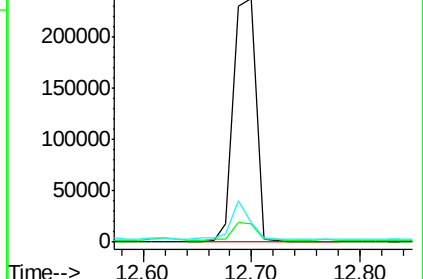
122 7.9 8.2 12.4#

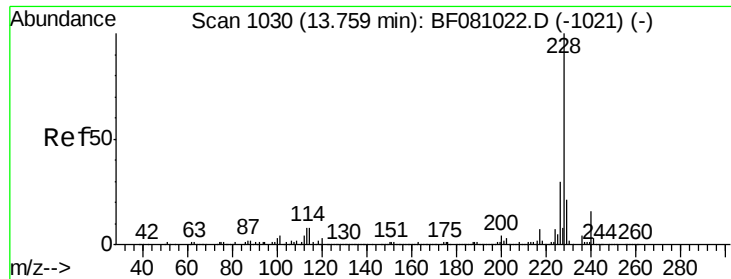


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 2.89 ng

RT: 13.73 min Scan# 1036

Delta R.T. 0.03 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)

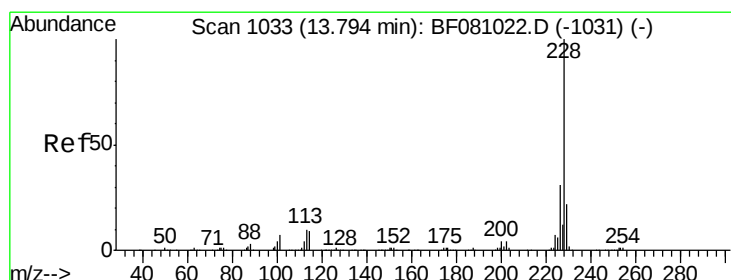
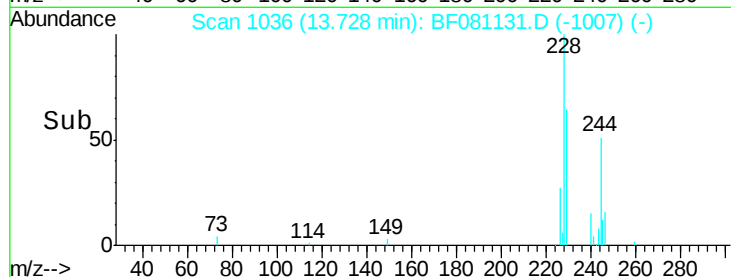
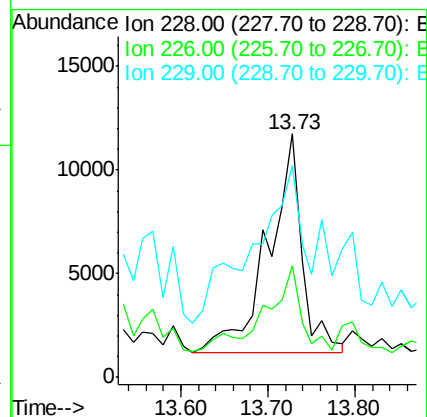
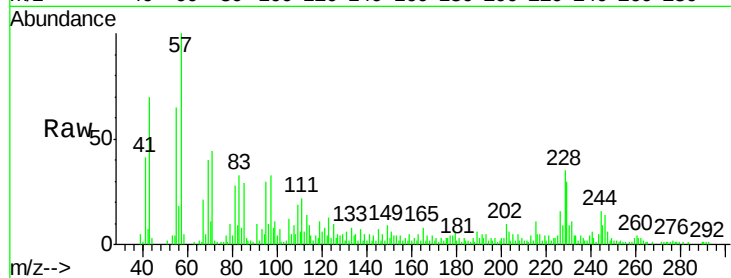
Tot Ion:228 Resp: 28771

Ion Ratio Lower Upper

228 100

226 45.9 22.3 33.5#

229 86.8 15.9 23.9#



#82

Chrysene

Concen: 3.21 ng

RT: 13.73 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

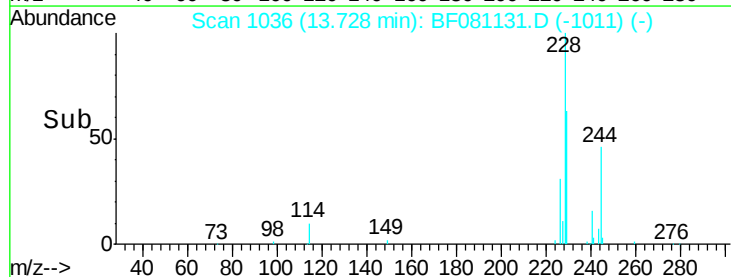
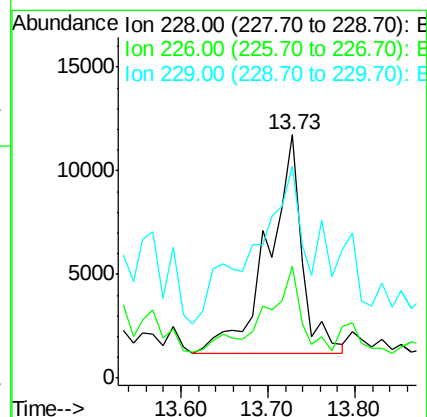
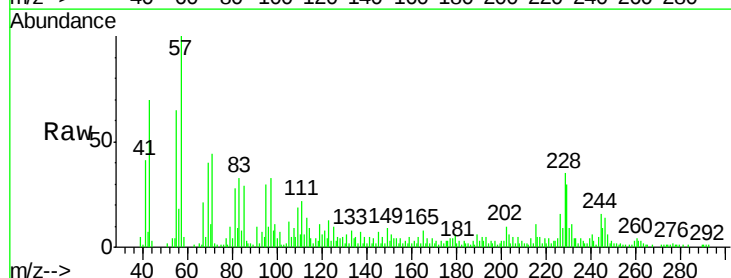
Tgt Ion:228 Resp: 28771

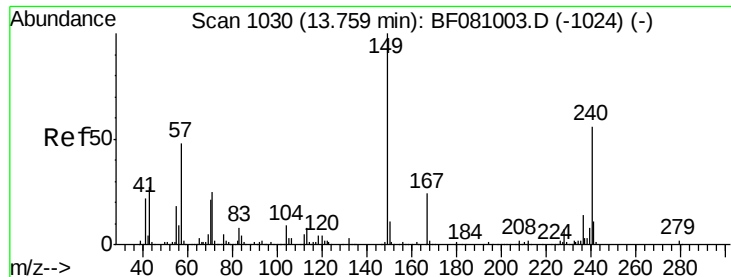
Ion Ratio Lower Upper

228 100

226 45.9 24.4 36.6#

229 86.8 16.0 24.0#





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.51 ng

RT: 13.72 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)

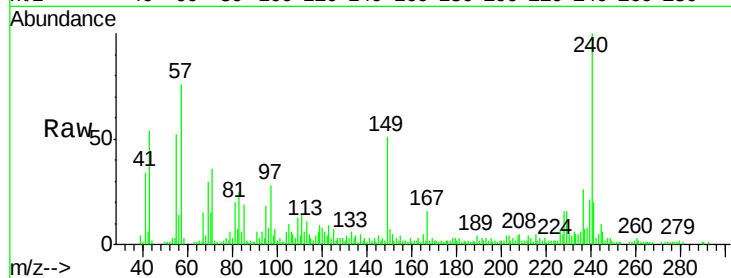
Tot Ion:149 Resp: 23301

Ion Ratio Lower Upper

149 100

167 30.4 20.7 31.1

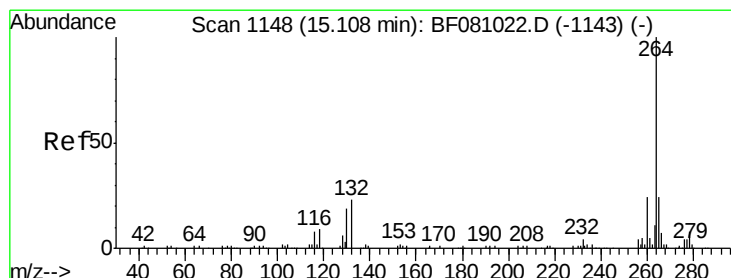
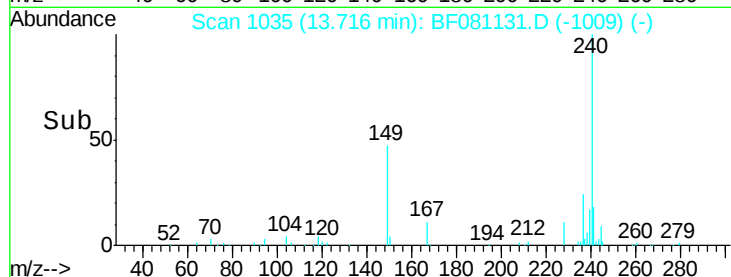
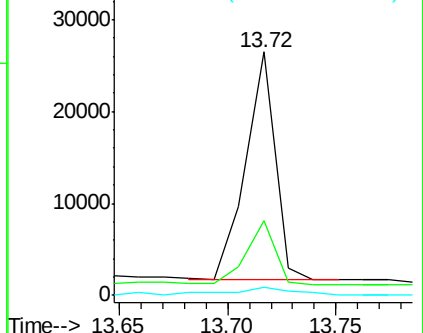
279 3.4 2.2 3.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.03 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF081131.D

Acq: 20 Aug 2015 18:37

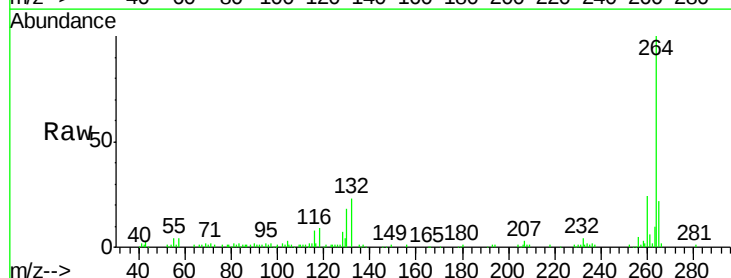
Tgt Ion:264 Resp: 109963

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

265 21.6 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

