

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100915\
 Data File : BF082155.D
 Acq On : 9 Oct 2015 20:13
 Operator : UM/IZ
 Sample : G3927-01DL 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 22:53:16 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 09 22:47:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	79911	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	276287	20.00	ng	0.01
38) Acenaphthene-d10	9.91	164	115943	20.00	ng	0.01
63) Phenanthrene-d10	11.41	188	192702	20.00	ng	0.02
75) Chrysene-d12	14.02	240	212733	20.00	ng	-0.01
86) Perylene-d12	15.46	264	191024	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	54074	12.28	ng	0.00
7) Phenol-d6	6.48	99	71776	12.96	ng	-0.01
23) Nitrobenzene-d5	7.42	82	89369	21.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	12729	10.84	ng	0.01
44) 2-Fluorobiphenyl	9.22	172	83475	9.46	ng	0.00
78) Terphenyl-d14	12.97	244	73580	7.33	ng	0.00

Target Compounds

						Qvalue
9) Benzaldehyde	6.37	77	7438	2.05	ng	# 15
15) Benzyl Alcohol	7.01	79	10443	2.61	ng	# 30
18) Hexachloroethane	7.42	117	168893	89.98	ng	# 9
19) n-Nitroso-di-n-propylamine	7.28	70	31004	9.21	ng	# 48
22) Acetophenone	7.25	105	30645	5.42	ng	# 15
24) Nitrobenzene	7.50	77	21987	4.89	ng	# 44
25) Isophorone	7.67	82	82738	10.07	ng	# 1
26) 2-Nitrophenol	7.76	139	13955	6.46	ng	# 1
27) 2,4-Dimethylphenol	7.79	122	14728	3.88	ng	# 1
28) bis(2-Chloroethoxy)methane	7.94	93	25217	5.17	ng	# 1
29) 2,4-Dichlorophenol	7.99	162	8124	2.20	ng	# 1
31) Naphthalene	8.17	128	59442	4.86	ng	# 23
32) Benzoic acid	7.93	122	13367	12.32	ng	# 5
33) 4-Chloroaniline	8.26	127	16772	3.17	ng	# 53
35) Caprolactam	8.58	113	123462	121.02	ng	# 37
36) 4-Chloro-3-methylphenol	8.67	107	18370	5.10	ng	# 28
42) 2,4,6-Trichlorophenol	9.14	196	6896	2.83	ng	# 13
43) 2,4,5-Trichlorophenol	9.19	196	7102	2.83	ng	# 1
47) 2-Nitroaniline	9.46	65	6201	3.01	ng	# 1
48) Acenaphthylene	9.77	152	39444	3.51	ng	# 2
49) Dimethylphthalate	9.62	163	26395	3.30	ng	# 1
50) 2,6-Dinitrotoluene	9.68	165	16723	9.62	ng	# 86
51) Acenaphthene	9.94	154	59259	8.88	ng	# 79
52) 3-Nitroaniline	9.86	138	6850	3.41	ng	# 46
53) 2,4-Dinitrophenol	9.93	184	613	Below Cal		# 1
54) Dibenzofuran	10.11	168	38754	4.11	ng	# 1
55) 4-Nitrophenol	10.02	139	32969	22.70	ng	# 1
56) 2,4-Dinitrotoluene	10.11	165	18957	8.56	ng	# 63
57) Fluorene	10.46	166	97184	12.88	ng	# 65
64) 4,6-Dinitro-2-methylphenol	10.53	198	1569	3.34	ng	# 1
65) n-Nitrosodiphenylamine	10.57	169	160075	27.46	ng	# 55
70) Phenanthrene	11.43	178	311374	33.14	ng	# 91
71) Anthracene	11.47	178	134202	13.70	ng	# 82
73) Di-n-butylphthalate	11.93	149	6703	Below Cal		# 1

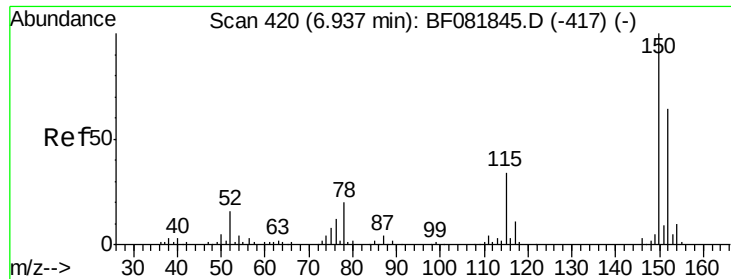
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100915\
 Data File : BF082155.D
 Acq On : 9 Oct 2015 20:13
 Operator : UM/IZ
 Sample : G3927-01DL 10X
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) Fluoranthene	12.61	202	127488	12.35	ng	88
77) Pyrene	12.84	202	296349	23.32	ng	95
80) Benzo(a)anthracene	14.01	228	63506	5.54	ng	# 83
82) Chrysene	14.01	228	63506	5.13	ng	# 85
85) Indeno(1,2,3-cd)pyrene	16.87	276	28674	3.20	ng	# 87
87) Benzo(b)fluoranthene	15.05	252	92322	8.47	ng	# 88
88) Benzo(k)fluoranthene	15.05	252	92322	9.24	ng	# 88
89) Benzo(a)pyrene	15.40	252	66464	7.03	ng	# 89
91) Benzo(g,h,i)perylene	17.30	276	36729	4.52	ng	# 75

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

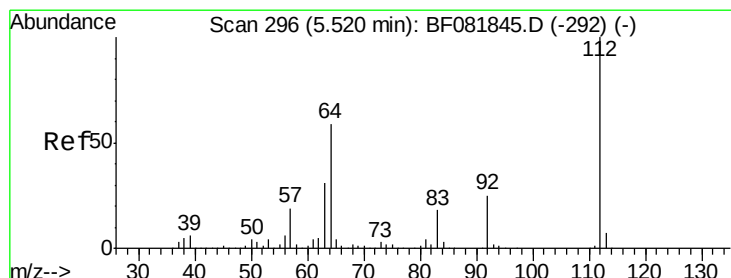
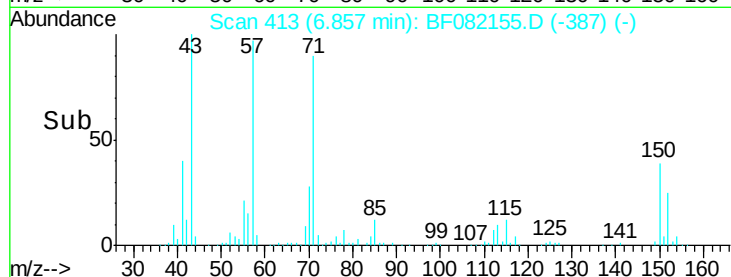
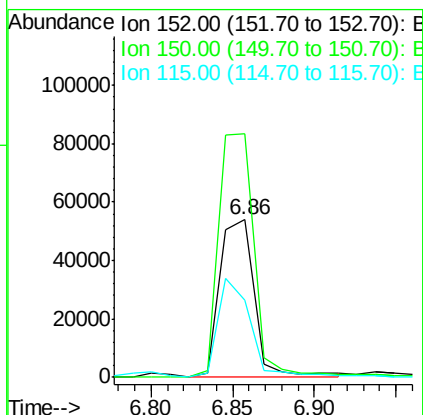
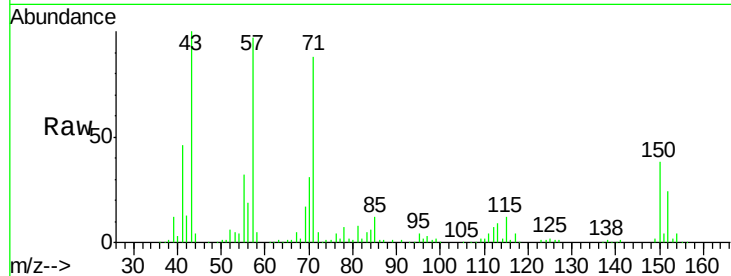


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF082155.D
Acq: 9 Oct 2015 20:13

Instrument :
BNA_F
ClientSampleId :

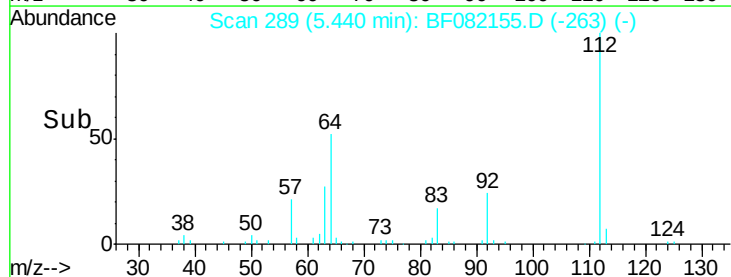
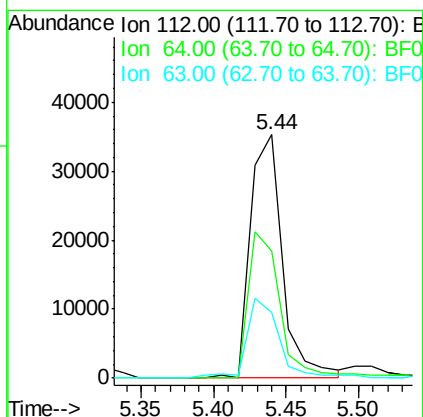
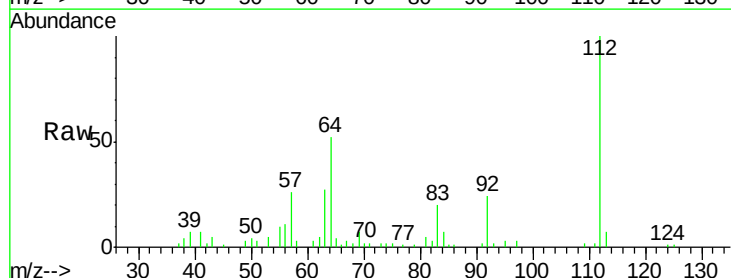
Tot Ion:152 Resp: 79911
Ion Ratio Lower Upper
152 100
150 154.4 124.7 187.1
115 48.7 39.0 58.4

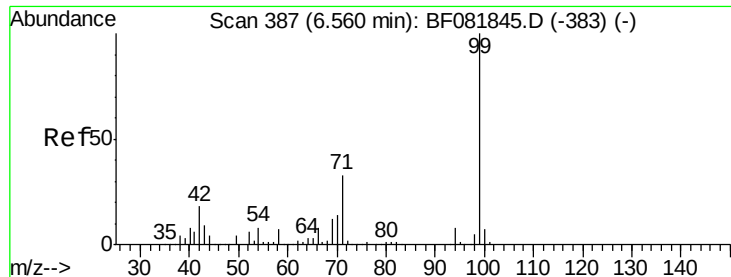


#5

2-Fluorophenol
Concen: 12.28 ng
RT: 5.44 min Scan# 289
Delta R.T. -0.00 min
Lab File: BF082155.D
Acq: 9 Oct 2015 20:13

Tgt Ion:112 Resp: 54074
Ion Ratio Lower Upper
112 100
64 52.4 39.7 59.5
63 27.0 17.4 26.0#





#7

Phenol-d6

Concen: 12.96 ng

RT: 6.48 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF082155.D

Acq: 9 Oct 2015 20:13

Instrument :

BNA_F

ClientSampled :

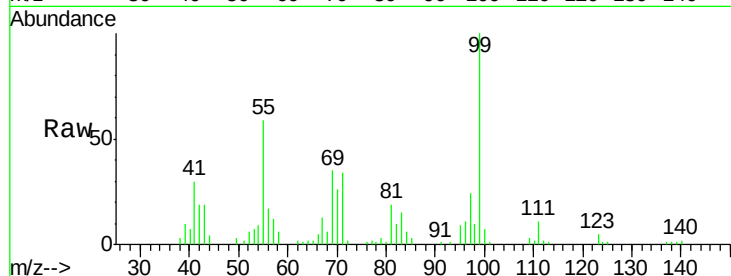
Tot Ion: 99 Resp: 71776

Ion Ratio Lower Upper

99 100

42 19.3 13.7 20.5

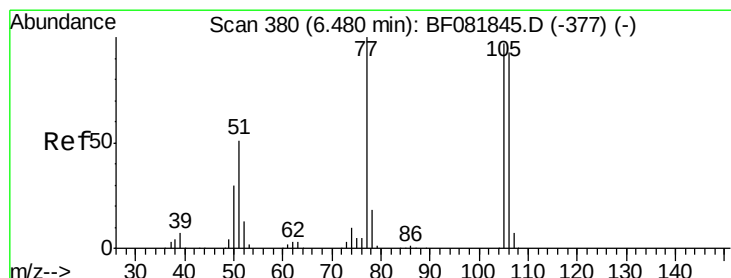
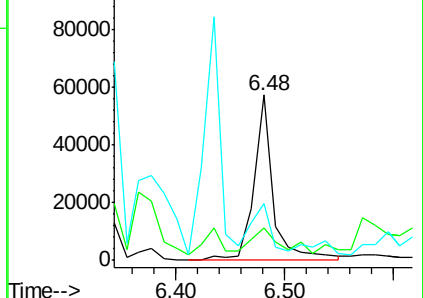
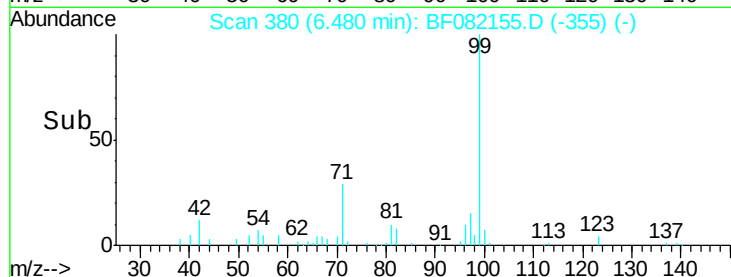
71 34.3 14.2 21.2#



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: 2.05 ng

RT: 6.37 min Scan# 370

Delta R.T. -0.03 min

Lab File: BF082155.D

Acq: 9 Oct 2015 20:13

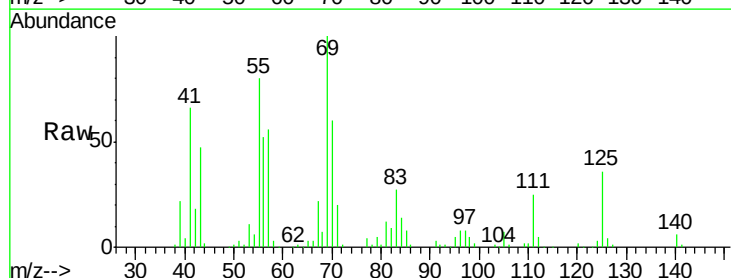
Tgt Ion: 77 Resp: 7438

Ion Ratio Lower Upper

77 100

105 191.7 91.6 131.6#

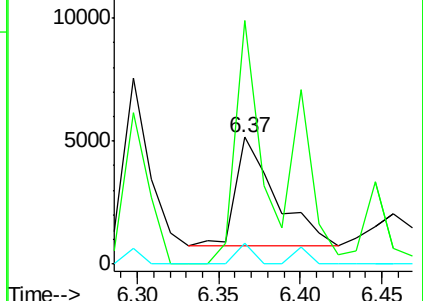
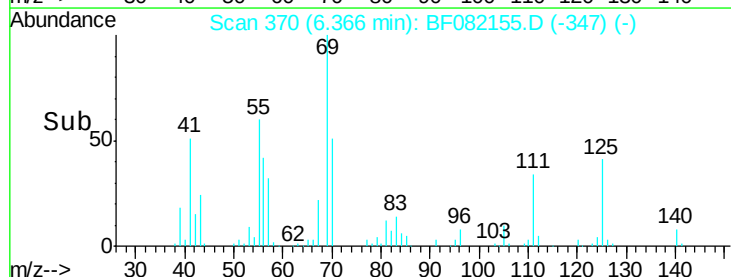
106 16.7 102.6 142.6#

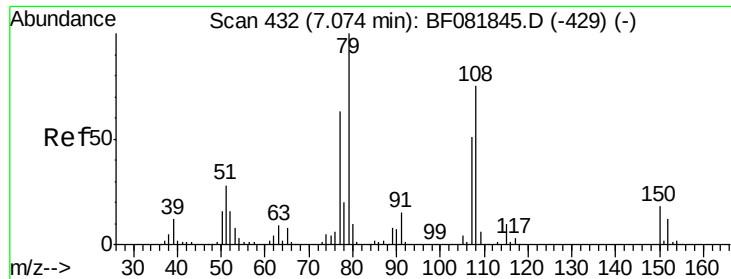


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.61 ng

RT: 7.01 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF082155.D

Acq: 9 Oct 2015 20:13

Instrument :

BNA_F

ClientSampled :

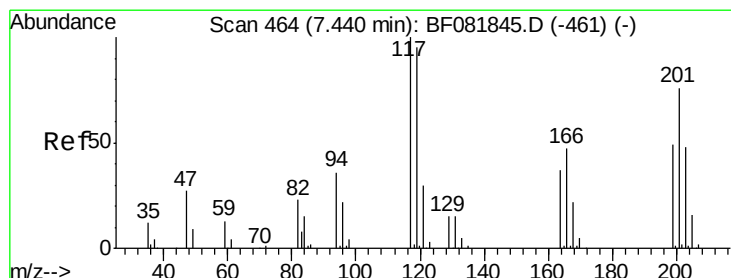
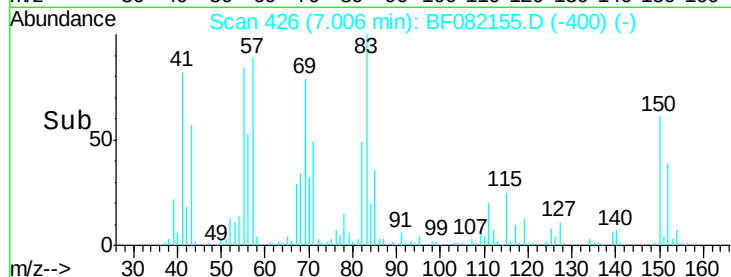
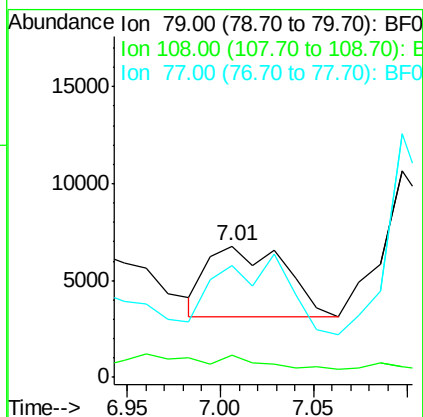
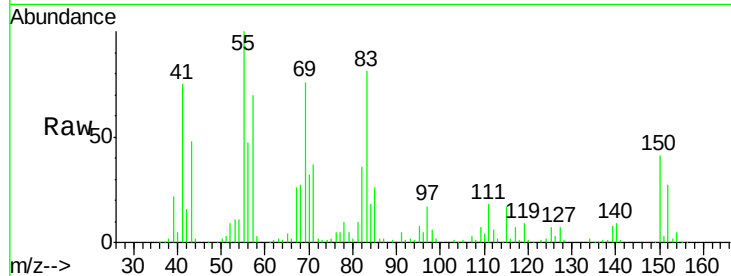
Tot Ion: 79 Resp: 10443

Ion Ratio Lower Upper

79 100

108 17.0 88.6 132.8#

77 85.4 47.0 70.4#



#18

Hexachloroethane

Concen: 89.98 ng

RT: 7.42 min Scan# 462

Delta R.T. 0.06 min

Lab File: BF082155.D

Acq: 9 Oct 2015 20:13

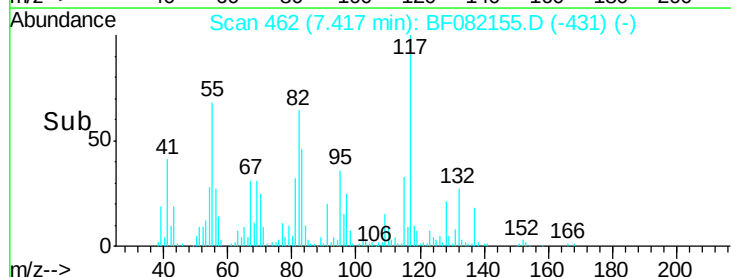
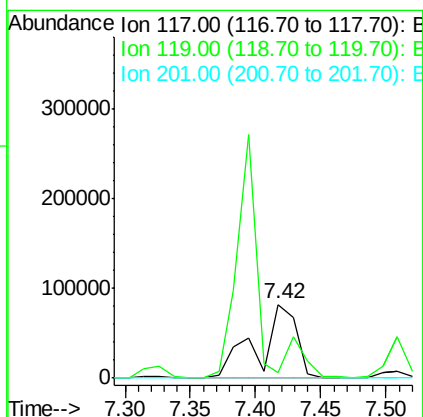
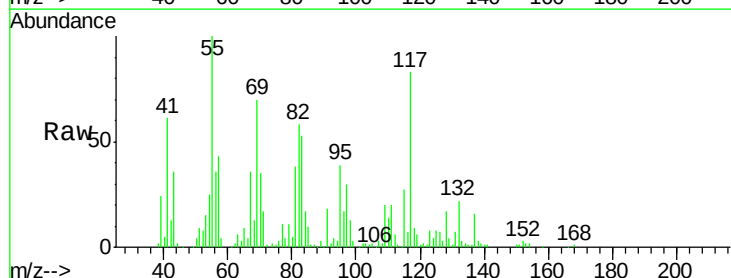
Tgt Ion: 117 Resp: 168893

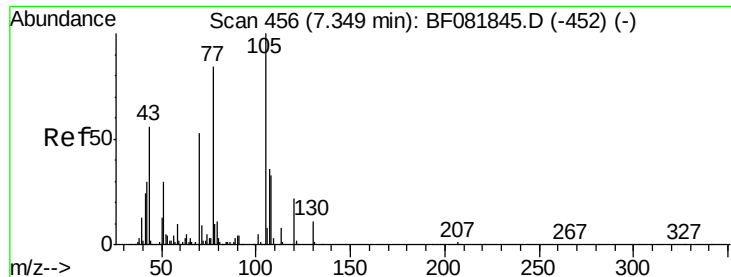
Ion Ratio Lower Upper

117 100

119 6.7 83.8 125.6#

201 0.0 55.1 82.7#

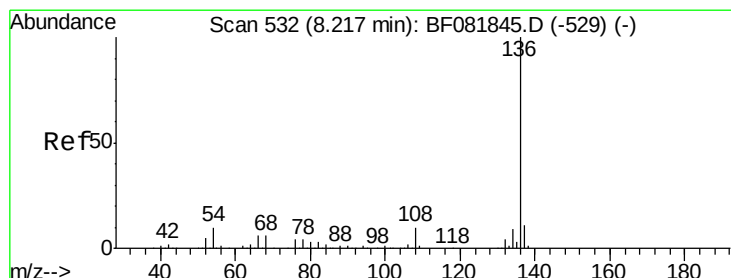
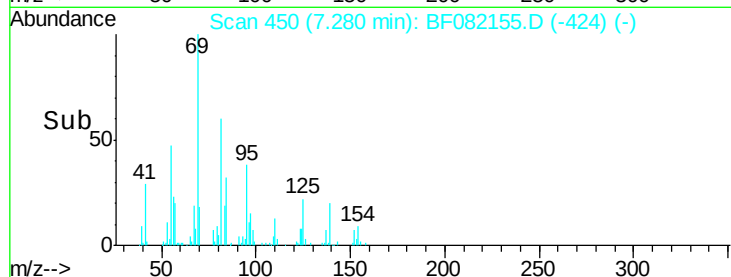
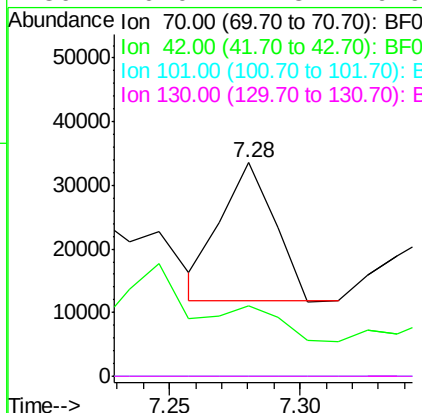
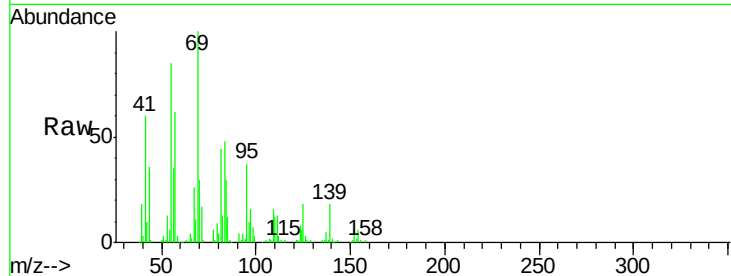




#19
n-Nitroso-di-n-propylamine
Concen: 9.21 ng
RT: 7.28 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF082155.D
Acq: 9 Oct 2015 20:13

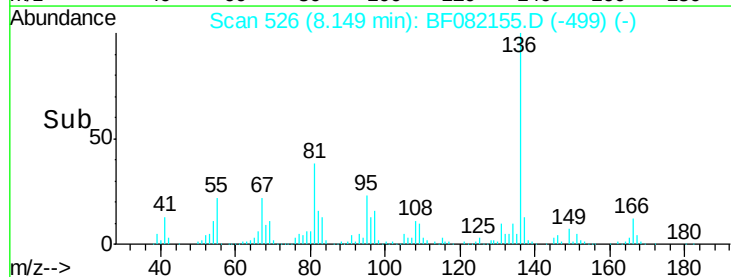
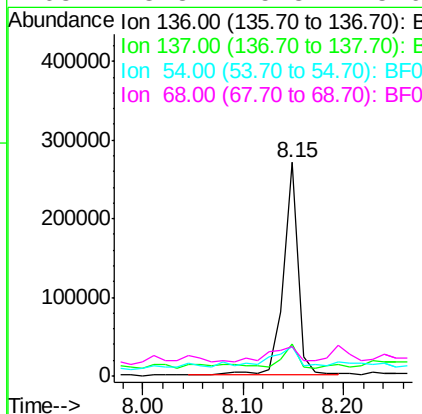
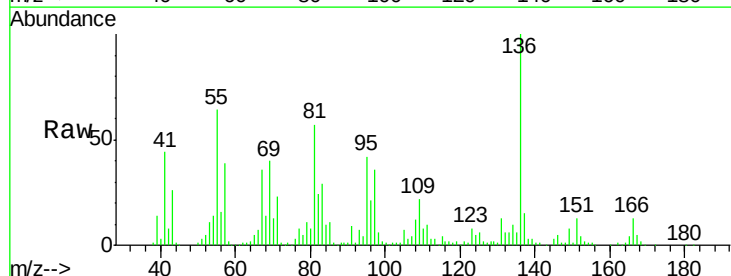
Instrument :
BNA_F
ClientSampleId :

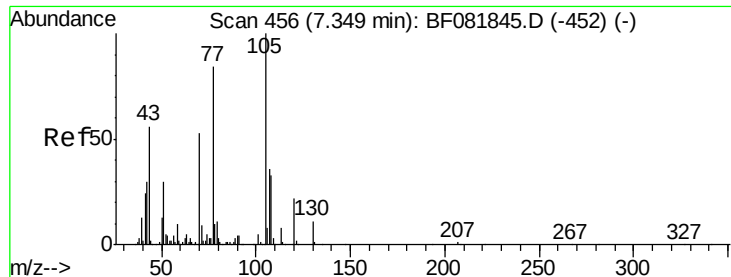
Tot Ion	Ratio	Lower	Upper
70	100		
42	33.2	63.8	95.6#
101	0.0	9.2	13.8#
130	0.0	27.3	40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 526
Delta R.T. 0.01 min
Lab File: BF082155.D
Acq: 9 Oct 2015 20:13

Tgt Ion	Ratio	Lower	Upper
136	100		
137	15.3	9.0	13.6#
54	13.5	8.2	12.2#
68	13.8	5.8	8.6#





#22

Acetophenone

Concen: 5.42 ng

RT: 7.25 min Scan# 447

Delta R.T. -0.02 min

Lab File: BF082155.D

Acq: 9 Oct 2015 20:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 30645

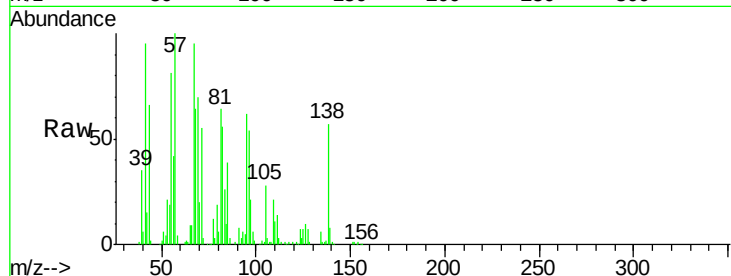
Ion Ratio Lower Upper

105 100

71 197.3 4.7 7.1#

51 21.7 22.0 33.0#

120 0.0 30.1 45.1#

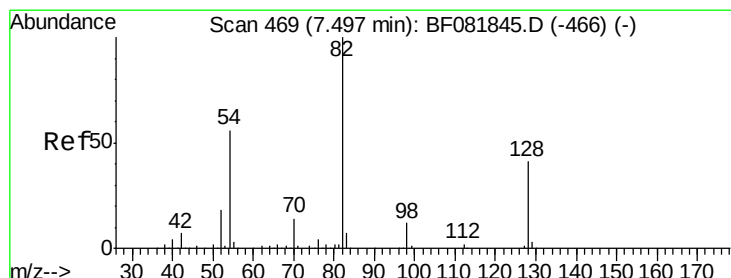
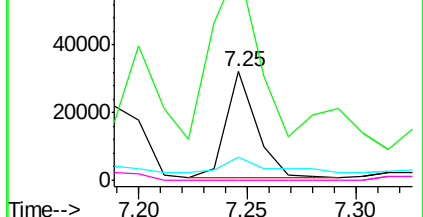
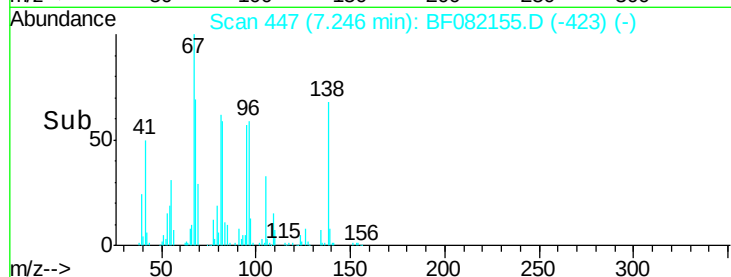


Abundance Ion 105.00 (104.70 to 105.70): E

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: 21.56 ng

RT: 7.42 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF082155.D

Acq: 9 Oct 2015 20:13

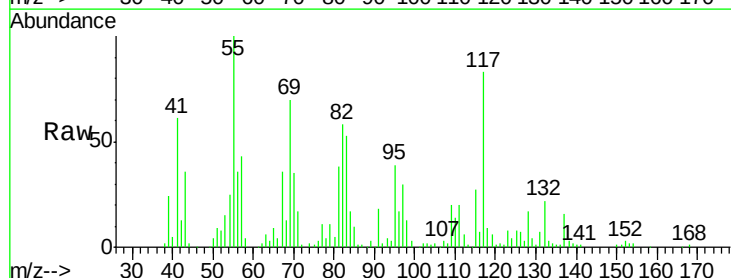
Tgt Ion: 82 Resp: 89369

Ion Ratio Lower Upper

82 100

128 29.9 51.0 76.6#

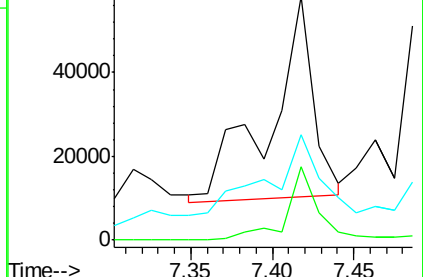
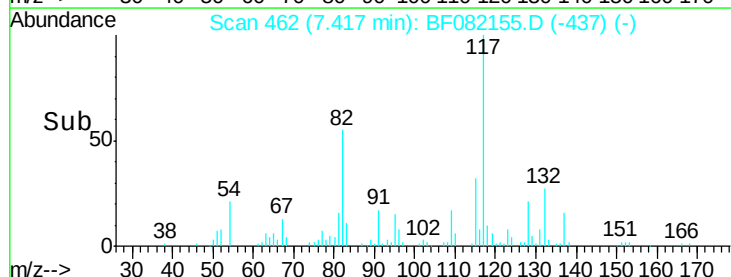
54 43.3 47.5 71.3#

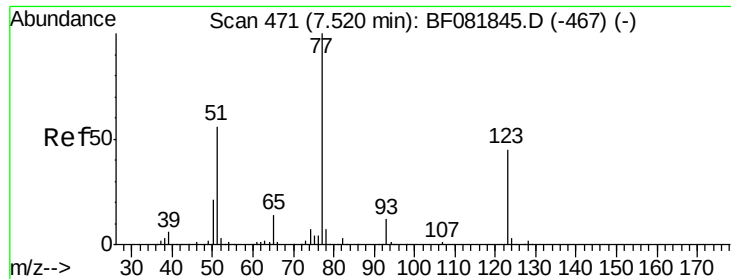


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

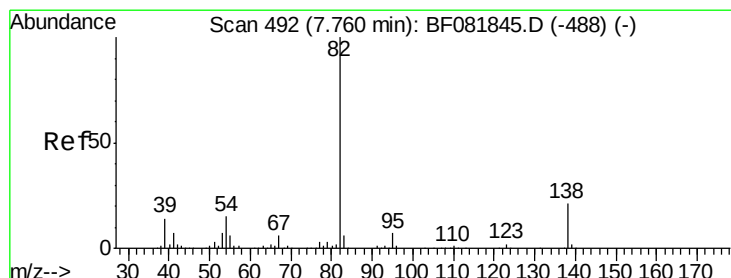
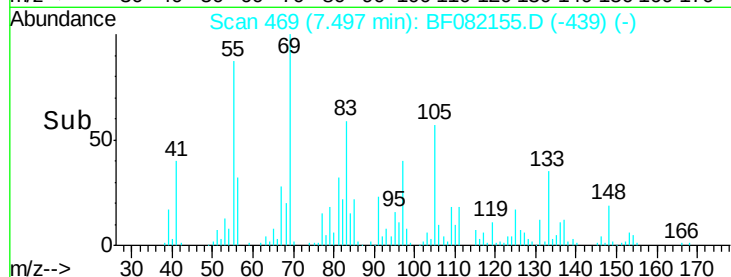
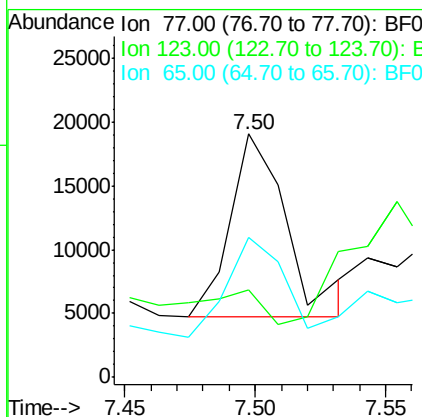
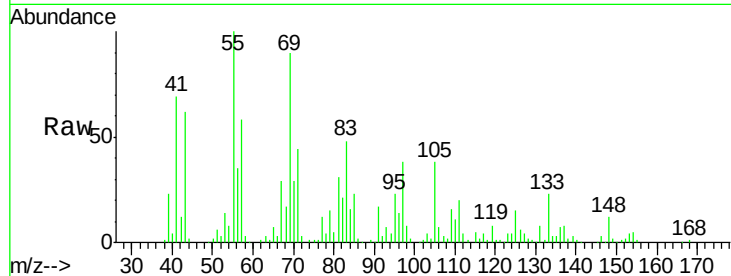




#24
Nitrobenzene
Concen: 4.89 ng
RT: 7.50 min Scan# 469
Delta R.T. 0.05 min
Lab File: BF082155.D
Acq: 9 Oct 2015 20:13

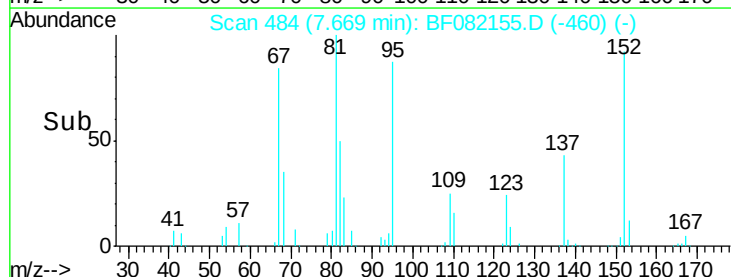
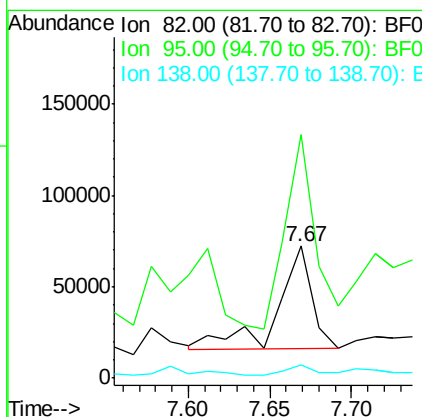
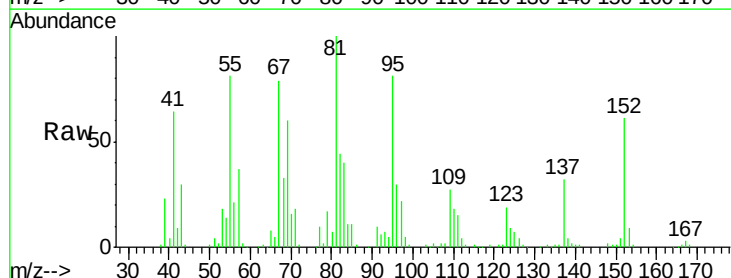
Instrument :
BNA_F
ClientSampled :

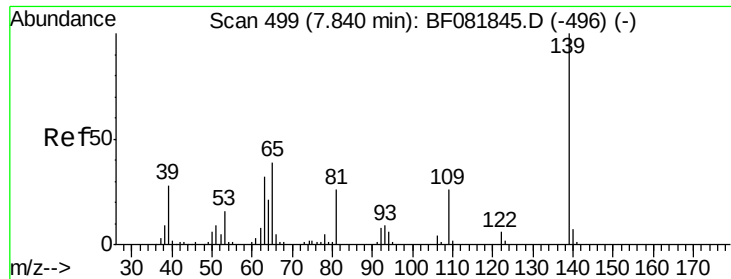
Tot Ion: 77 Resp: 21987
Ion Ratio Lower Upper
77 100
123 35.9 59.8 89.8#
65 57.6 10.2 15.4#



#25
Isophorone
Concen: 10.07 ng
RT: 7.67 min Scan# 484
Delta R.T. -0.02 min
Lab File: BF082155.D
Acq: 9 Oct 2015 20:13

Tgt Ion: 82 Resp: 82738
Ion Ratio Lower Upper
82 100
95 184.6 4.0 6.0#
138 9.7 18.3 27.5#





#26

2-Nitrophenol

Concen: 6.46 ng

RT: 7.76 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF082155.D

Acq: 9 Oct 2015 20:13

Instrument :

BNA_F

ClientSampled :

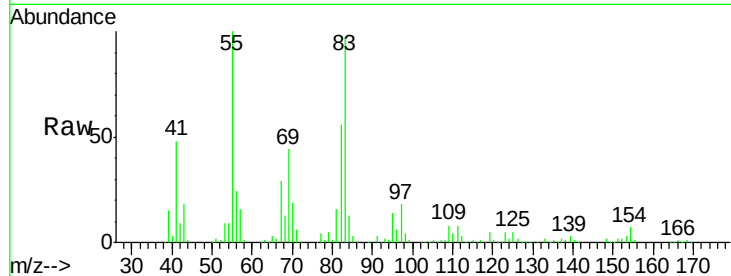
Tot Ion:139 Resp: 13955

Ion Ratio Lower Upper

139 100

109 282.1 11.0 16.4#

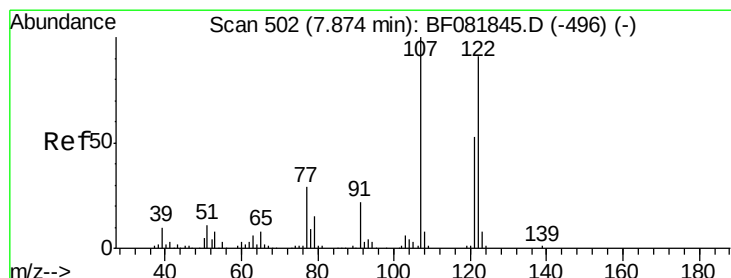
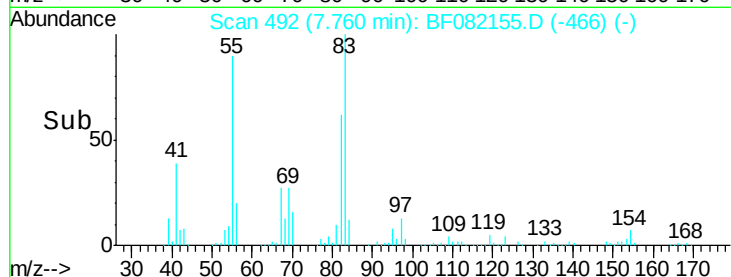
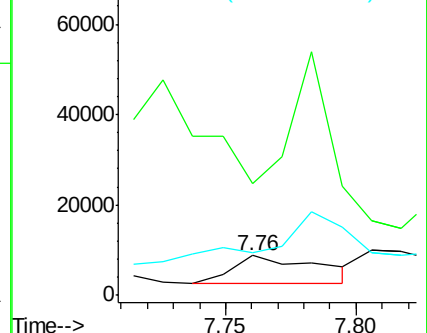
65 107.5 24.7 37.1#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#27

2,4-Dimethylphenol

Concen: 3.88 ng

RT: 7.79 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF082155.D

Acq: 9 Oct 2015 20:13

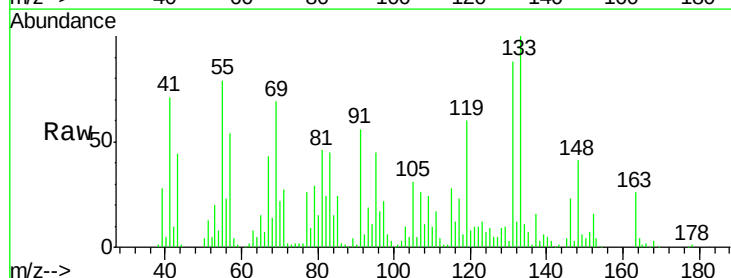
Tgt Ion:122 Resp: 14728

Ion Ratio Lower Upper

122 100

107 273.3 71.8 107.6#

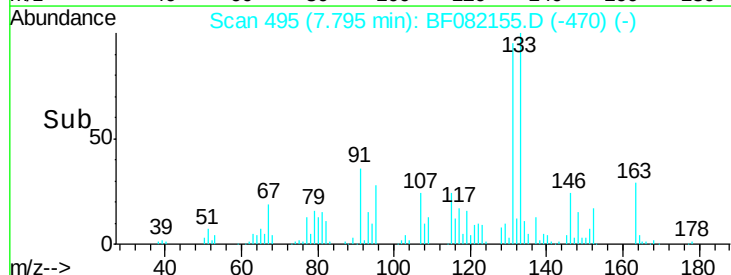
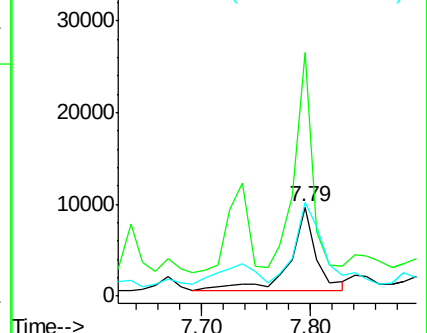
121 104.8 42.3 63.5#

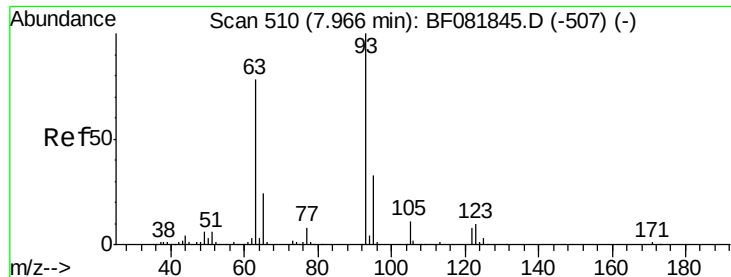


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 5.17 ng

RT: 7.94 min Scan# 508

Delta R.T. 0.05 min

Lab File: BF082155.D

Acq: 9 Oct 2015 20:13

Instrument :

BNA_F

ClientSampled :

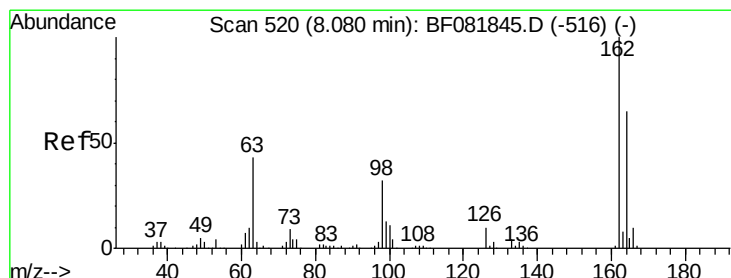
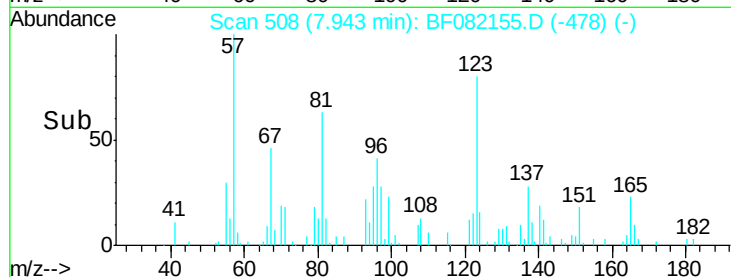
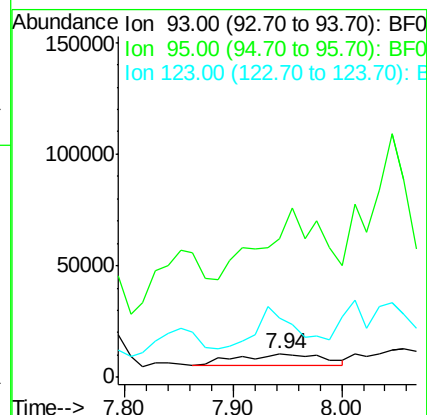
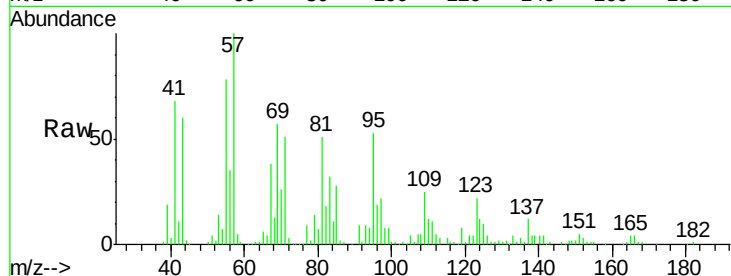
Tot Ion: 93 Resp: 25217

Ion Ratio Lower Upper

93 100

95 580.7 27.5 41.3#

123 247.0 13.7 20.5#



#29

2,4-Dichlorophenol

Concen: 2.20 ng

RT: 7.99 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF082155.D

Acq: 9 Oct 2015 20:13

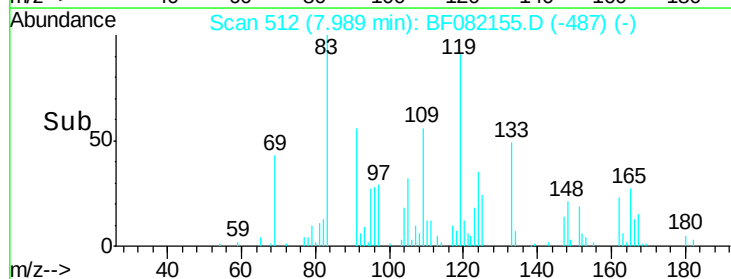
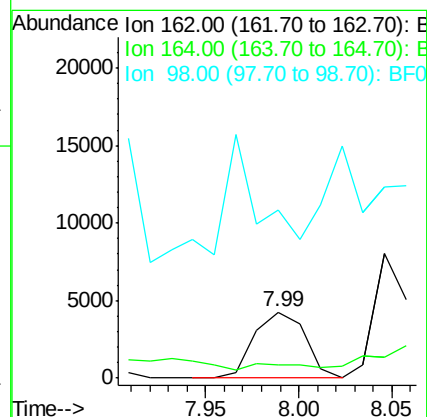
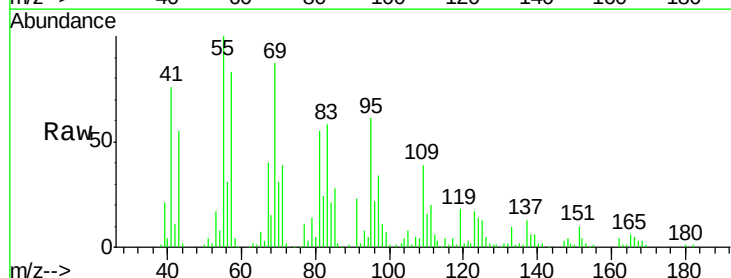
Tgt Ion: 162 Resp: 8124

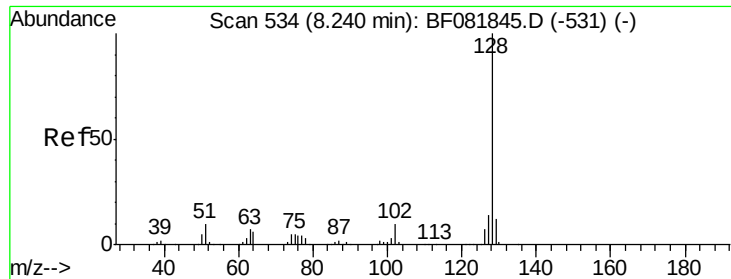
Ion Ratio Lower Upper

162 100

164 19.9 44.9 84.9#

98 254.6 13.0 53.0#

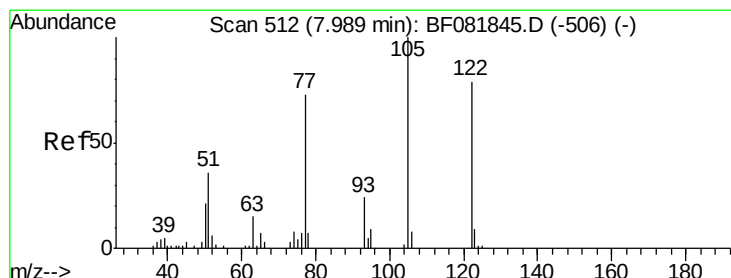
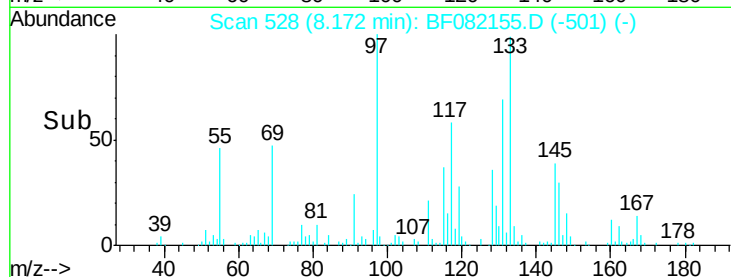
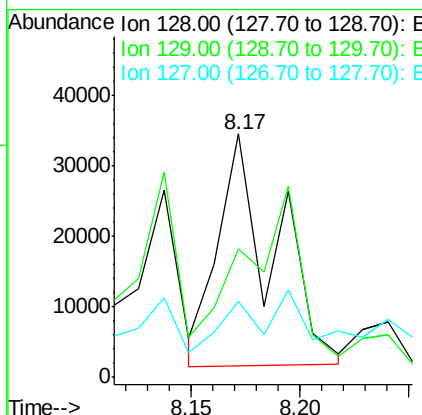
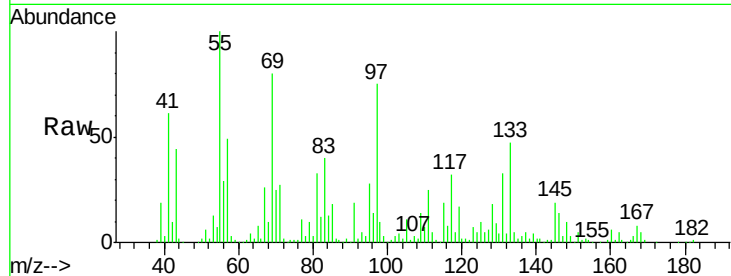




#31
Naphthalene
Concen: 4.86 ng
RT: 8.17 min Scan# 528
Delta R.T. 0.01 min
Lab File: BF082155.D
Acq: 9 Oct 2015 20:13

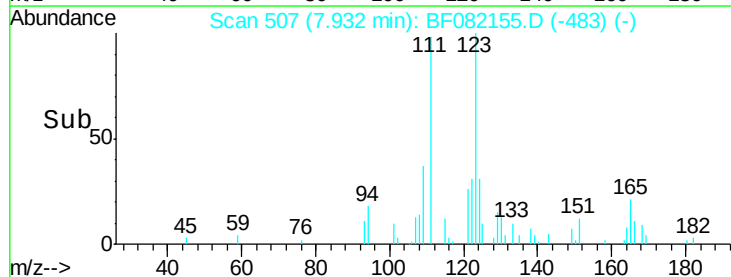
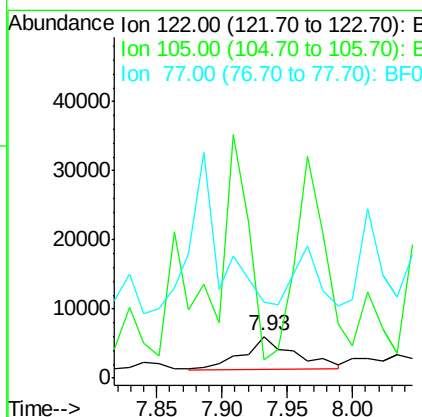
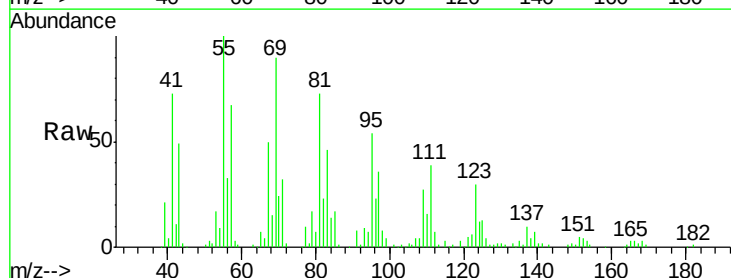
Instrument :
BNA_F
ClientSampled :

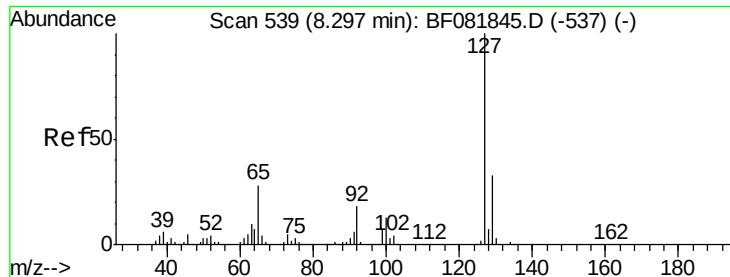
Tot Ion:128 Resp: 59442
Ion Ratio Lower Upper
128 100
129 52.5 8.4 12.6#
127 31.0 9.9 14.9#



#32
Benzoic acid
Concen: 12.32 ng
RT: 7.93 min Scan# 507
Delta R.T. -0.02 min
Lab File: BF082155.D
Acq: 9 Oct 2015 20:13

Tgt Ion:122 Resp: 13367
Ion Ratio Lower Upper
122 100
105 43.5 76.1 116.1#
77 181.5 40.5 80.5#

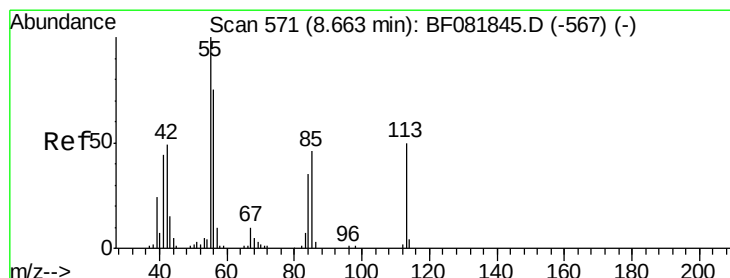
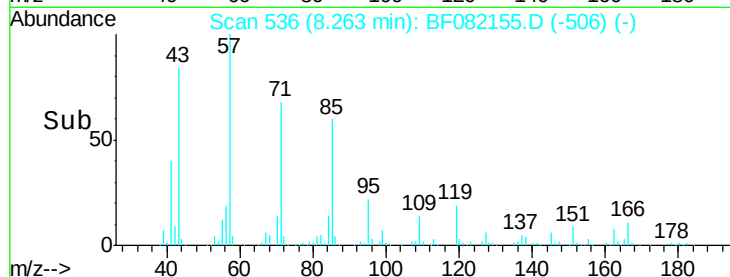
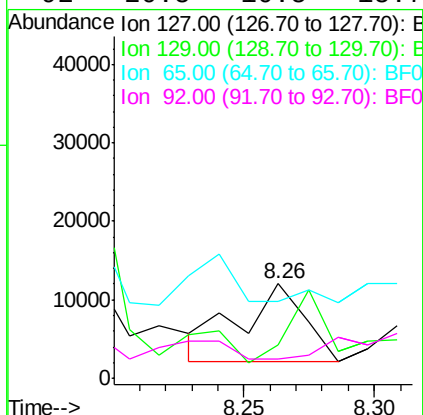
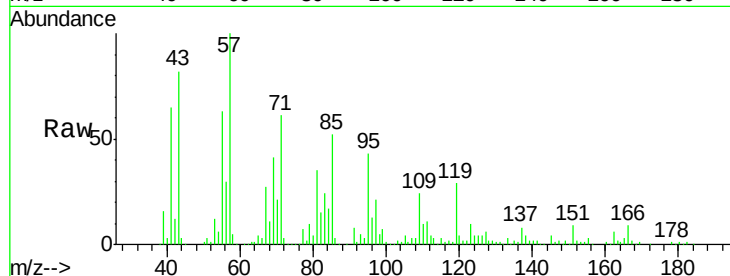




#33
4-Chloroaniline
Concen: 3.17 ng
RT: 8.26 min Scan# 536
Delta R.T. 0.05 min
Lab File: BF082155.D
Acq: 9 Oct 2015 20:13

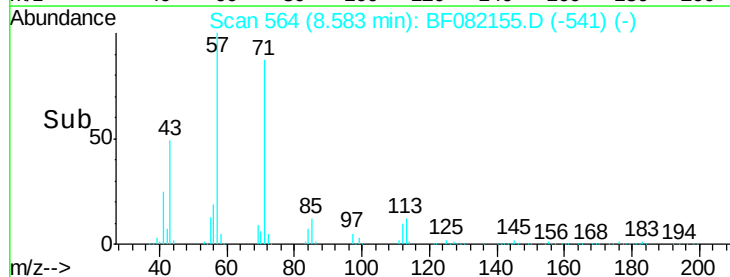
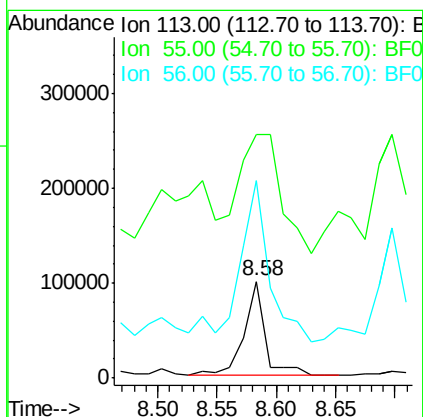
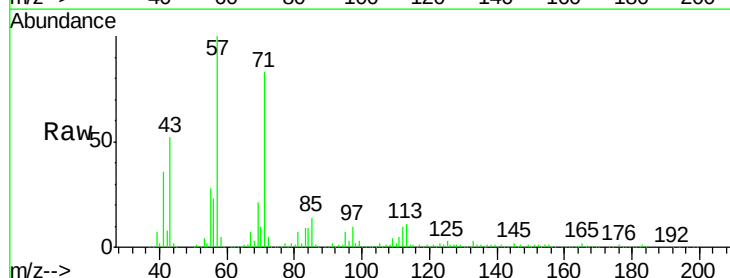
Instrument :
BNA_F
ClientSampleId :

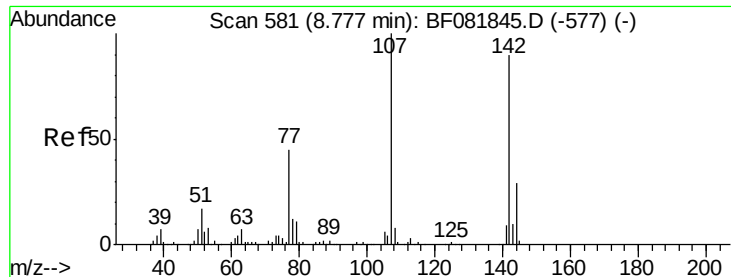
Tot Ion:	127	Resp:	16772
Ion	Ratio	Lower	Upper
127	100		
129	35.2	25.8	38.6
65	81.6	17.9	26.9#
92	20.5	10.5	15.7#



#35
Caprolactam
Concen: 121.02 ng
RT: 8.58 min Scan# 564
Delta R.T. -0.03 min
Lab File: BF082155.D
Acq: 9 Oct 2015 20:13

Tgt Ion:	113	Resp:	123462
Ion	Ratio	Lower	Upper
113	100		
55	251.9	152.4	192.4#
56	204.8	104.6	144.6#

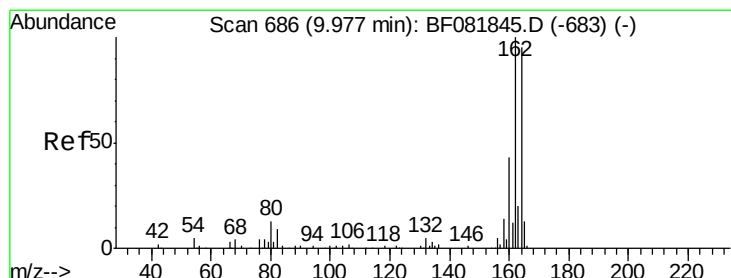
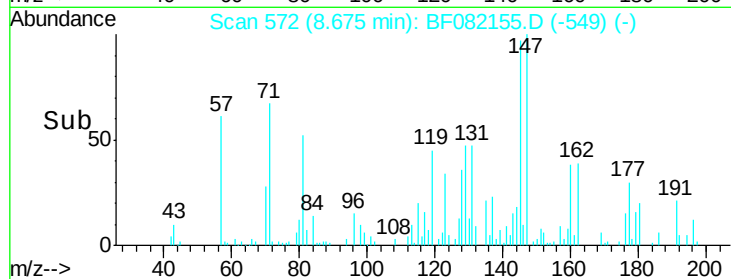
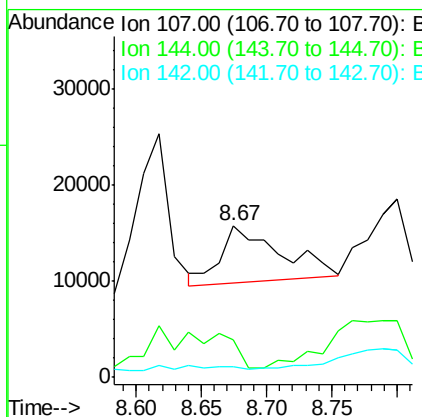
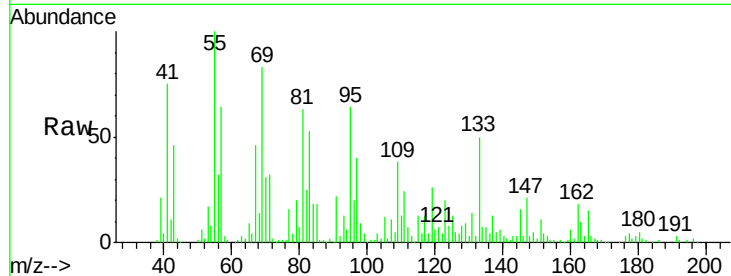




#36
4-Chloro-3-methylphenol
Concen: 5.10 ng
RT: 8.67 min Scan# 572
Delta R.T. -0.03 min
Lab File: BF082155.D
Acq: 9 Oct 2015 20:13

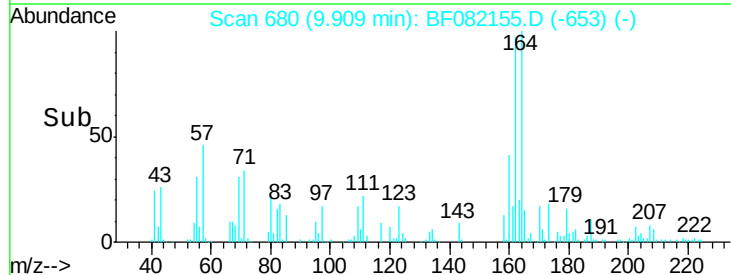
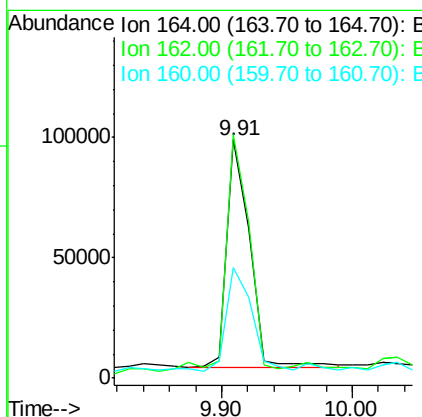
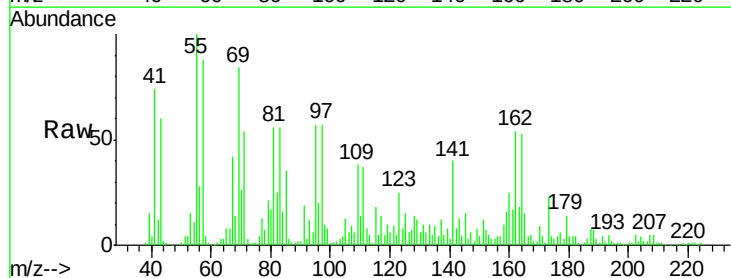
Instrument :
BNA_F
ClientSampleId :

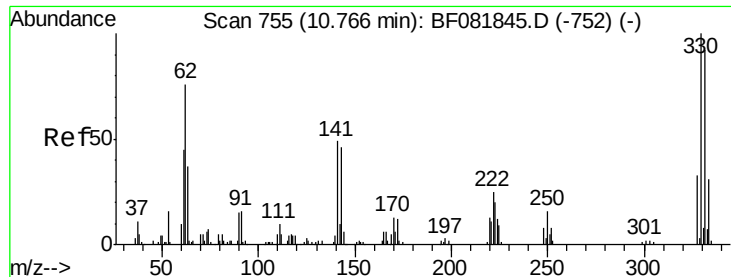
Tot Ion:107 Resp: 18370
Ion Ratio Lower Upper
107 100
144 24.6 25.4 38.0#
142 7.0 77.3 115.9#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 680
Delta R.T. 0.01 min
Lab File: BF082155.D
Acq: 9 Oct 2015 20:13

Tgt Ion:164 Resp: 115943
Ion Ratio Lower Upper
164 100
162 102.3 75.2 112.8
160 46.3 31.5 47.3

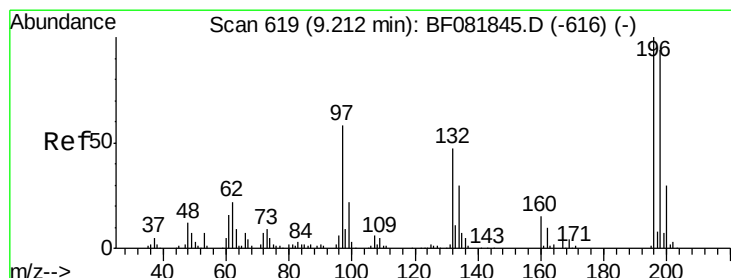
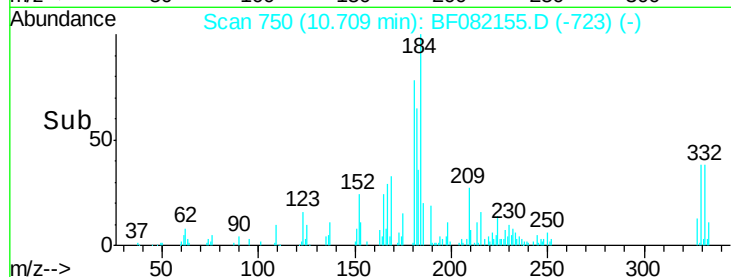
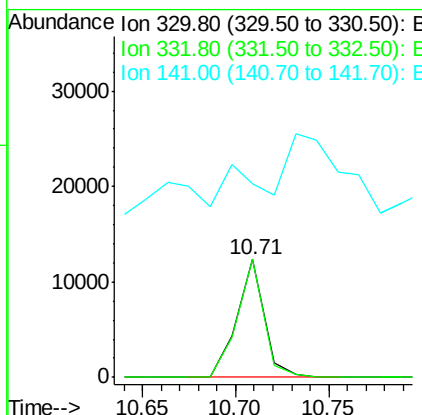
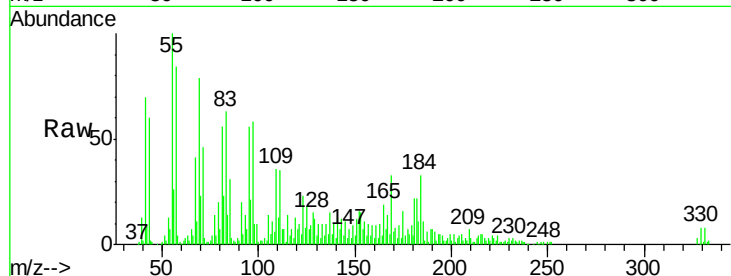




#41
 2,4,6-Tribromophenol
 Concen: 10.84 ng
 RT: 10.71 min Scan# 750
 Delta R.T. 0.01 min
 Lab File: BF082155.D
 Acq: 9 Oct 2015 20:13

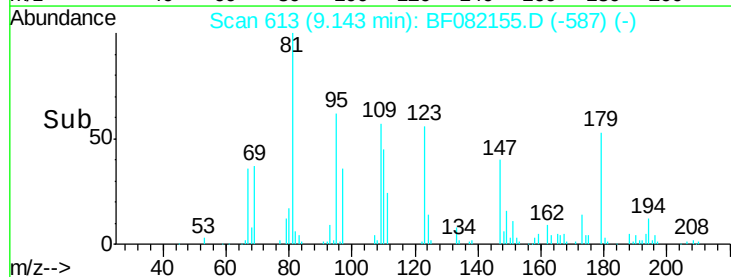
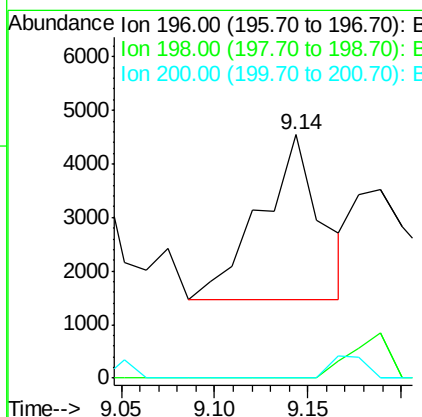
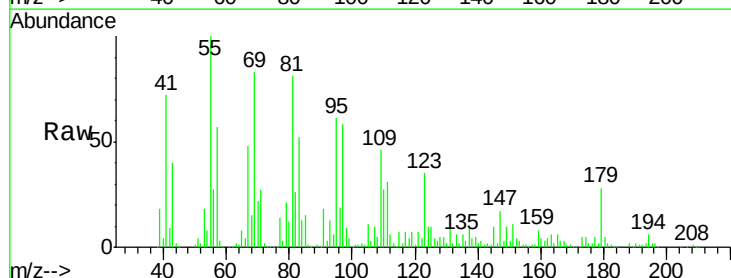
Instrument :
 BNA_F
 ClientSampled :

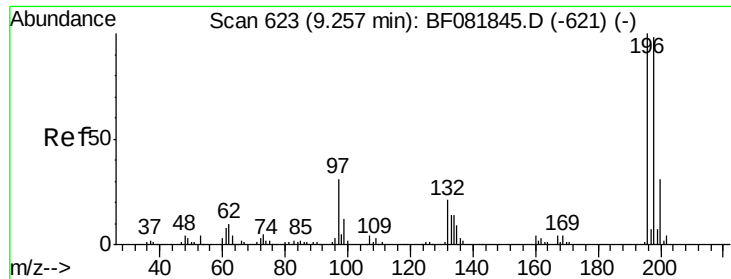
Tot Ion:330 Resp: 12729
 Ion Ratio Lower Upper
 330 100
 332 98.4 76.6 114.8
 141 0.0 29.7 44.5#



#42
 2,4,6-Trichlorophenol
 Concen: 2.83 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082155.D
 Acq: 9 Oct 2015 20:13

Tgt Ion:196 Resp: 6896
 Ion Ratio Lower Upper
 196 100
 198 0.0 75.7 113.5#
 200 0.0 23.9 35.9#

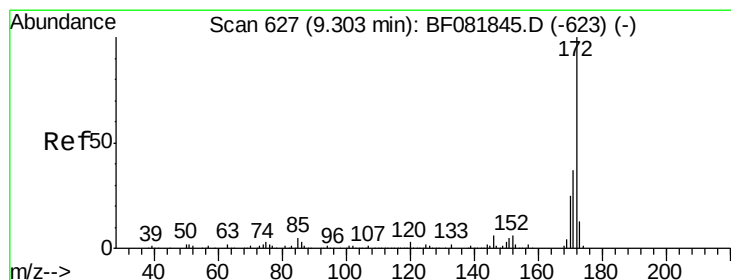
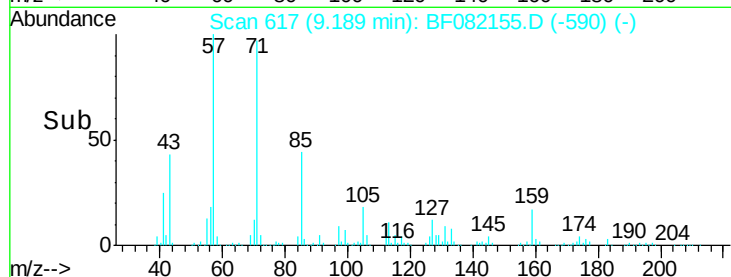
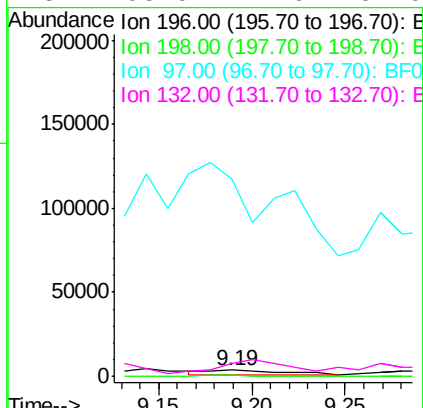
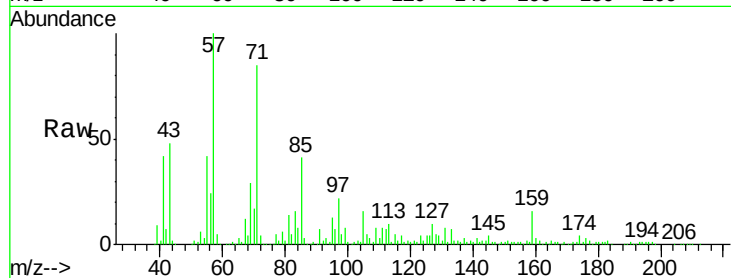




#43
 2,4,5-Trichlorophenol
 Concen: 2.83 ng
 RT: 9.19 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF082155.D
 Acq: 9 Oct 2015 20:13

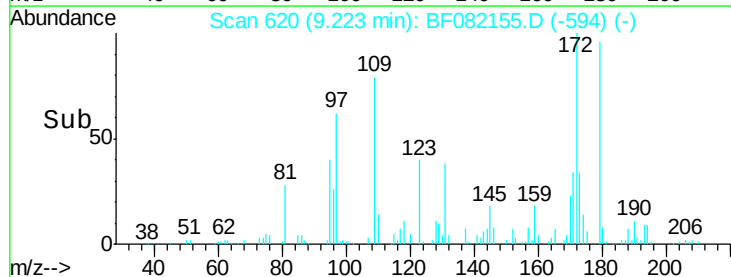
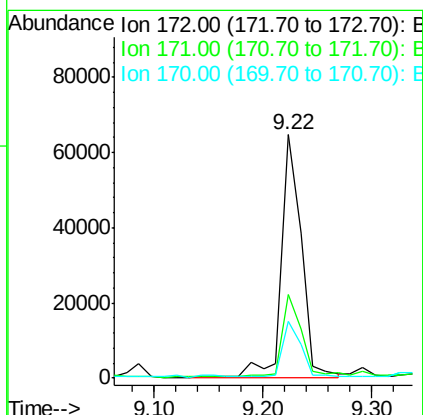
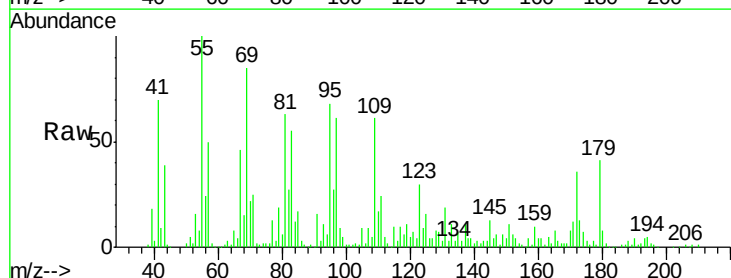
Instrument :
 BNA_F
 ClientSampleId :

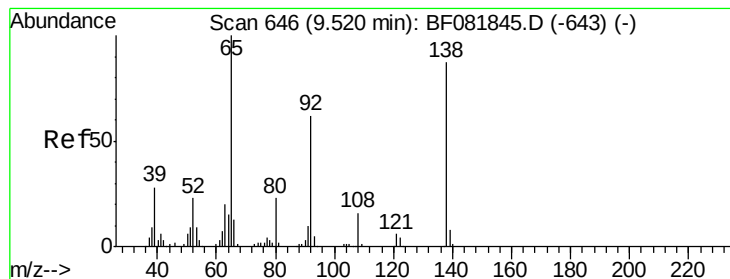
Tot Ion:196 Resp: 7102
 Ion Ratio Lower Upper
 196 100
 198 24.0 75.4 113.0#
 97 3338.6 33.3 49.9#
 132 208.0 24.6 37.0#



#44
 2-Fluorobiphenyl
 Concen: 9.46 ng
 RT: 9.22 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF082155.D
 Acq: 9 Oct 2015 20:13

Tgt Ion:172 Resp: 83475
 Ion Ratio Lower Upper
 172 100
 171 34.2 26.1 39.1
 170 23.2 17.4 26.2





#47

2-Nitroaniline

Concen: 3.01 ng

RT: 9.46 min Scan# 641

Delta R.T. 0.01 min

Lab File: BF082155.D

Acq: 9 Oct 2015 20:13

Instrument :

BNA_F

ClientSampleId :

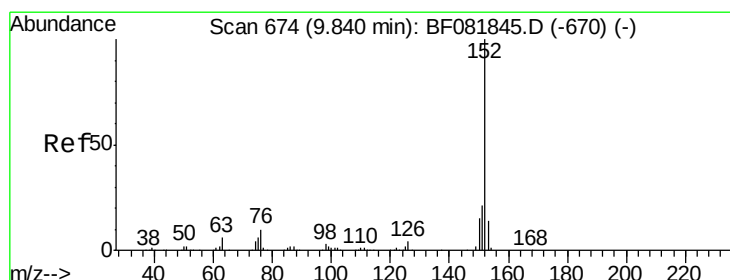
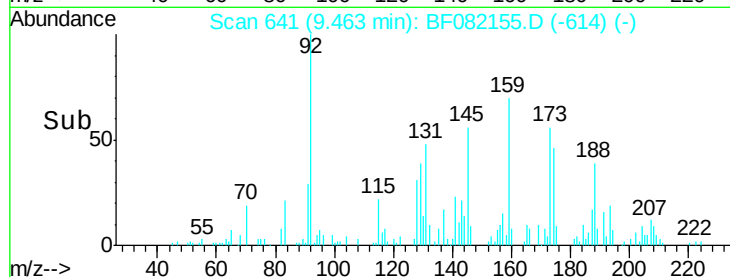
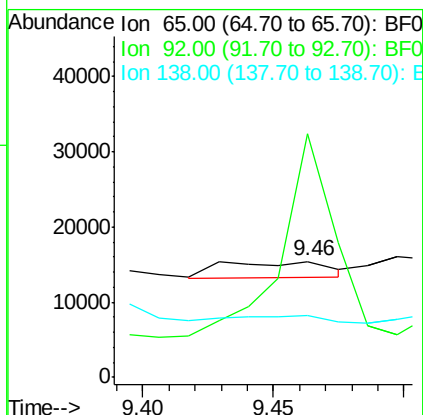
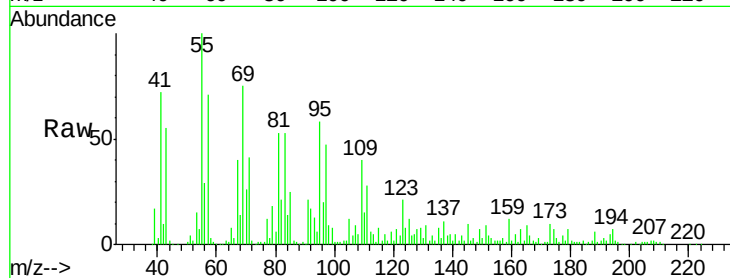
Tot Ion: 65 Resp: 6201

Ion Ratio Lower Upper

65 100

92 210.5 55.4 83.0#

138 53.3 115.5 173.3#



#48

Acenaphthylene

Concen: 3.51 ng

RT: 9.77 min Scan# 668

Delta R.T. 0.01 min

Lab File: BF082155.D

Acq: 9 Oct 2015 20:13

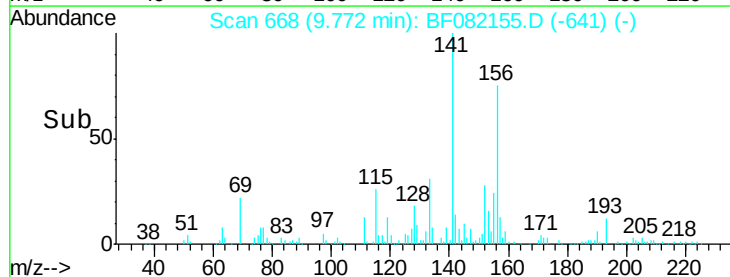
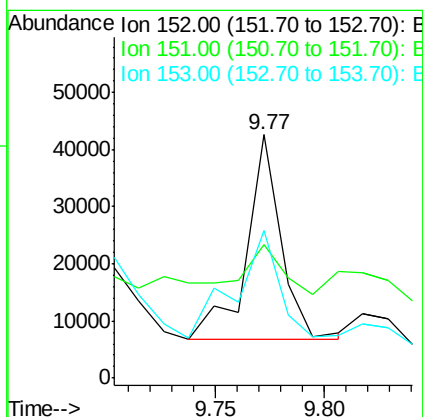
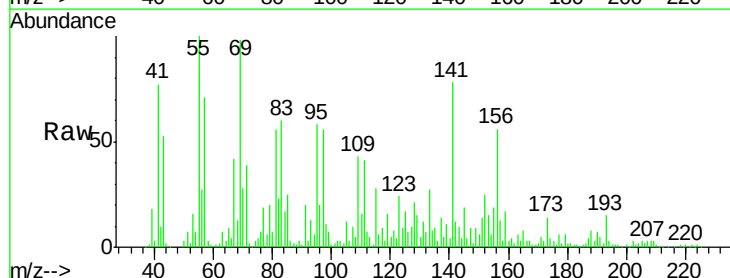
Tgt Ion: 152 Resp: 39444

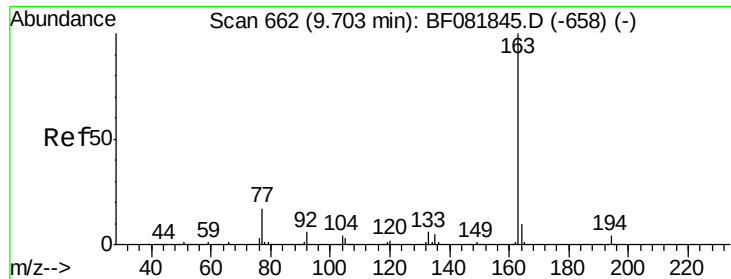
Ion Ratio Lower Upper

152 100

151 55.1 14.6 22.0#

153 60.8 10.3 15.5#

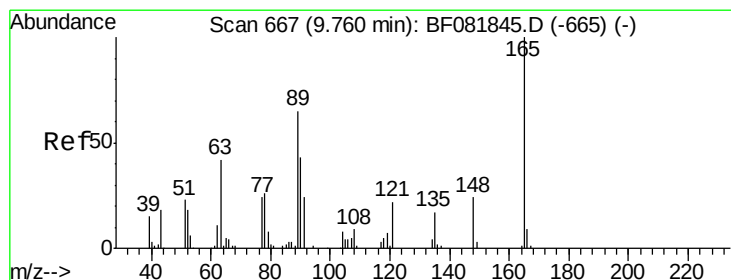
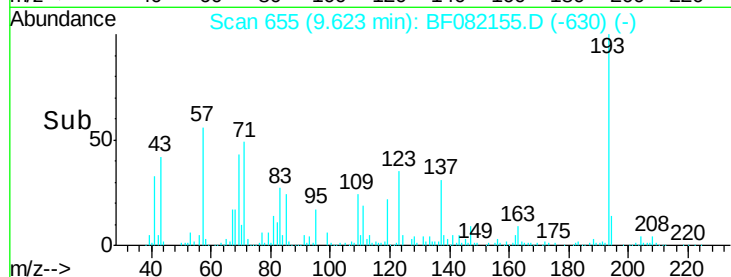
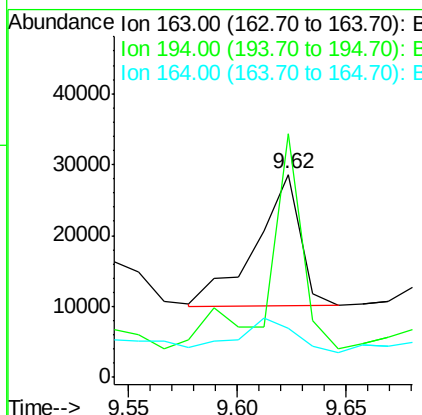
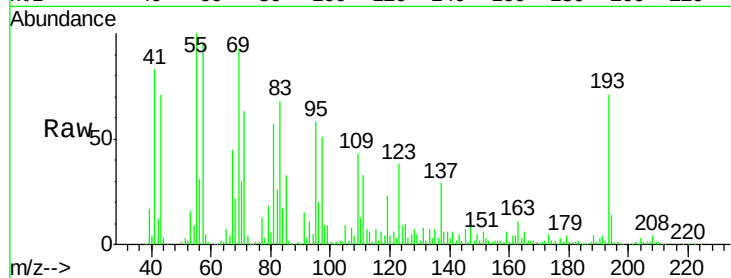




#49
Dimethylphthalate
Concen: 3.30 ng
RT: 9.62 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF082155.D
Acq: 9 Oct 2015 20:13

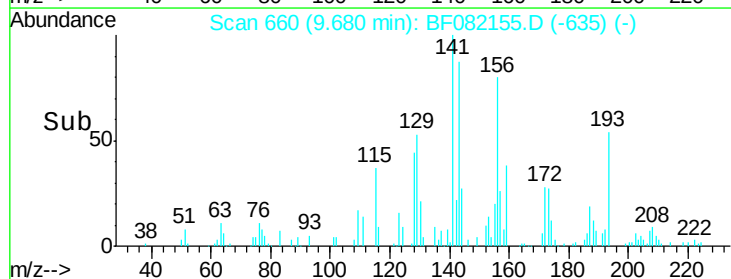
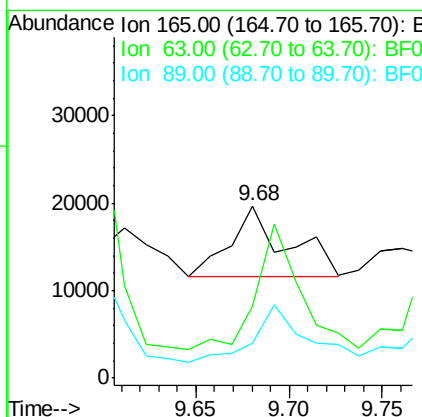
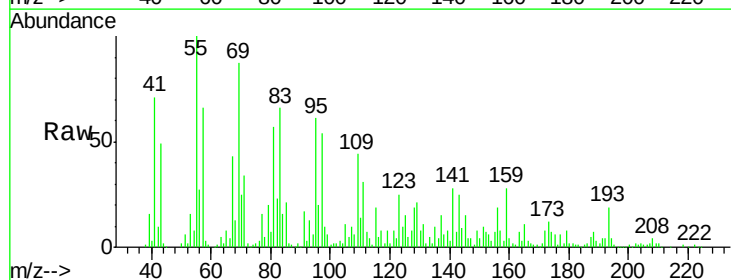
Instrument :
BNA_F
ClientSampled :

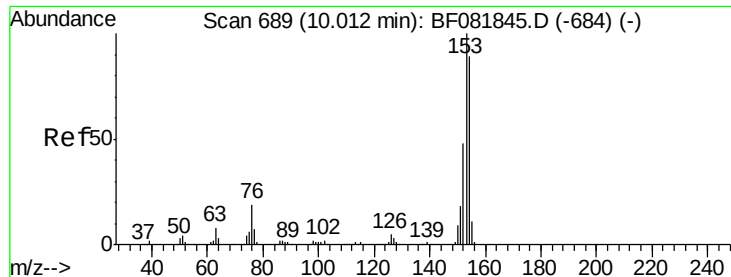
Tot Ion:163 Resp: 26395
Ion Ratio Lower Upper
163 100
194 119.8 4.4 6.6#
164 24.0 8.3 12.5#



#50
2,6-Dinitrotoluene
Concen: 9.62 ng
RT: 9.68 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF082155.D
Acq: 9 Oct 2015 20:13

Tgt Ion:165 Resp: 16723
Ion Ratio Lower Upper
165 100
63 42.1 32.3 48.5
89 20.0 28.6 43.0#





#51

Acenaphthene

Concen: 8.88 ng

RT: 9.94 min Scan# 683

Delta R.T. 0.01 min

Lab File: BF082155.D

Acq: 9 Oct 2015 20:13

Instrument :

BNA_F

ClientSampleId :

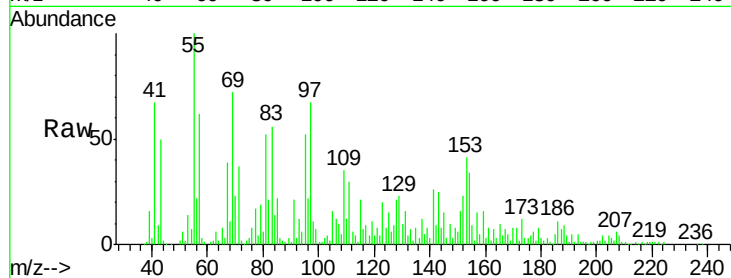
Tot Ion:154 Resp: 59259

Ion Ratio Lower Upper

154 100

153 119.9 82.1 123.1

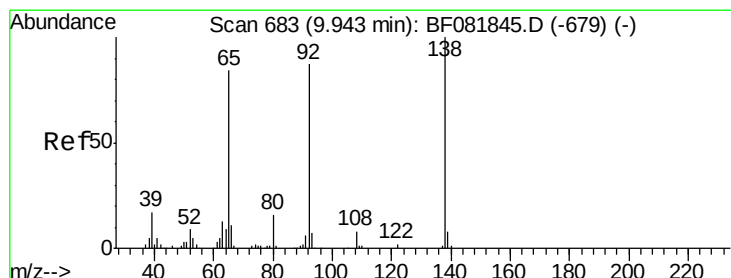
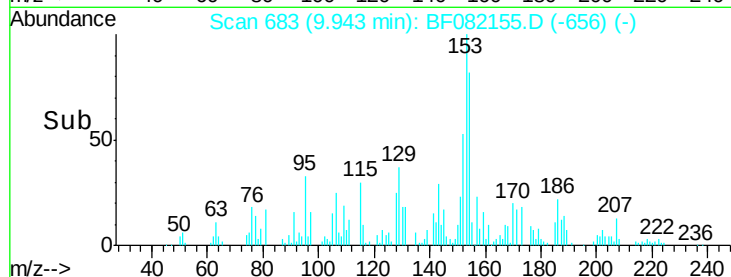
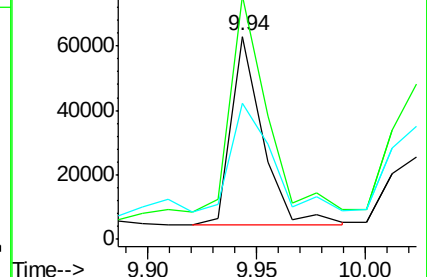
152 67.3 37.9 56.9#



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: 3.41 ng

RT: 9.86 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF082155.D

Acq: 9 Oct 2015 20:13

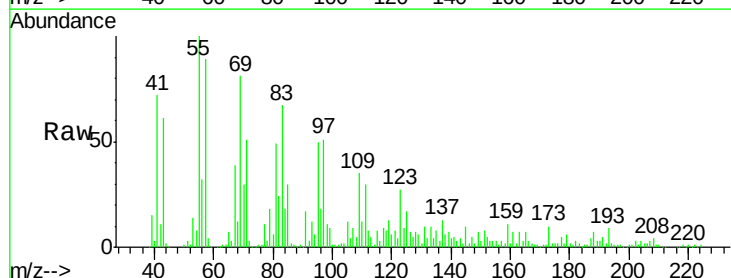
Tgt Ion:138 Resp: 6850

Ion Ratio Lower Upper

138 100

108 80.0 5.7 8.5#

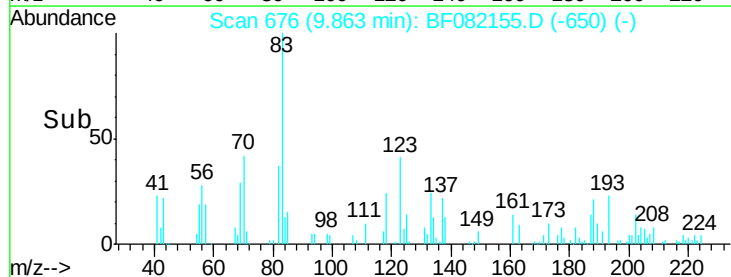
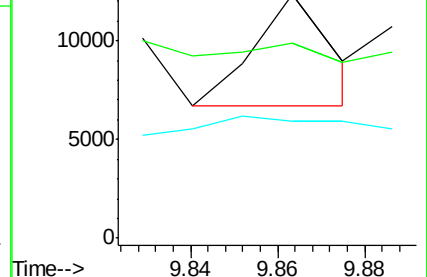
92 47.8 67.7 101.5#

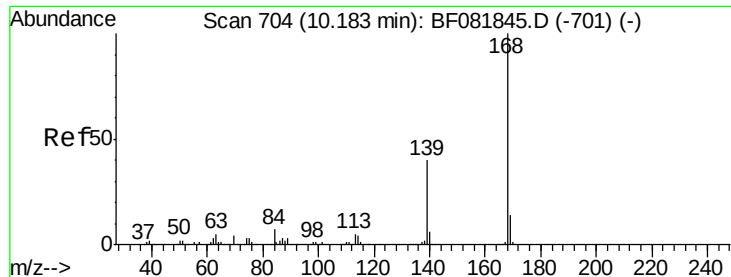


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

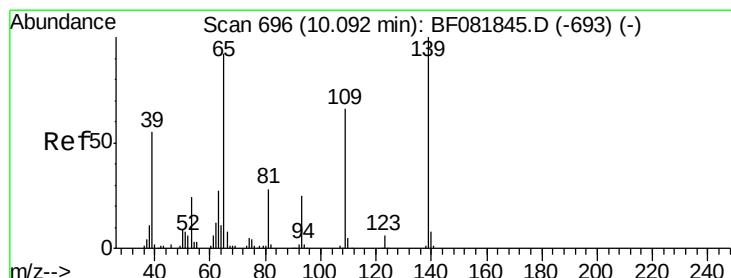
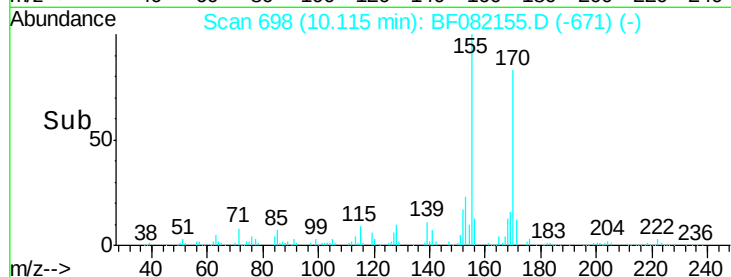
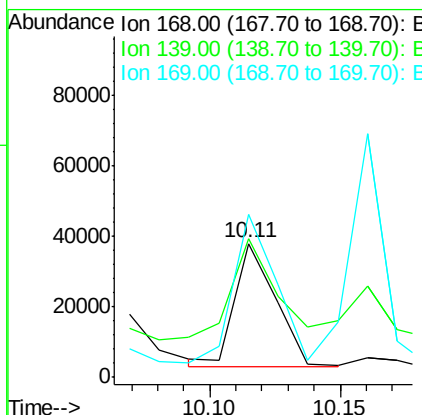
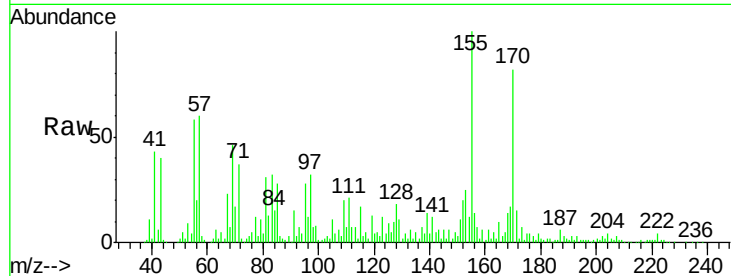




#54
Dibenzofuran
Concen: 4.11 ng
RT: 10.11 min Scan# 698
Delta R.T. 0.01 min
Lab File: BF082155.D
Acq: 9 Oct 2015 20:13

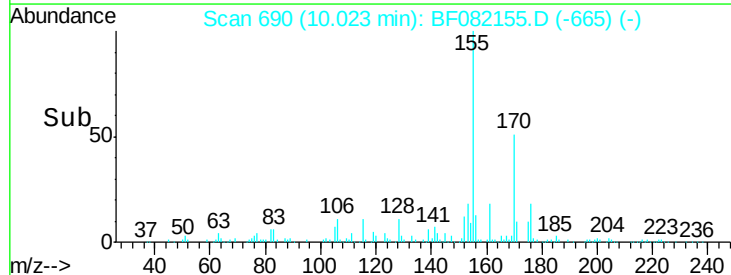
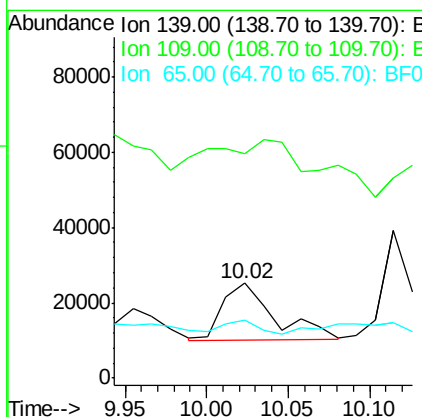
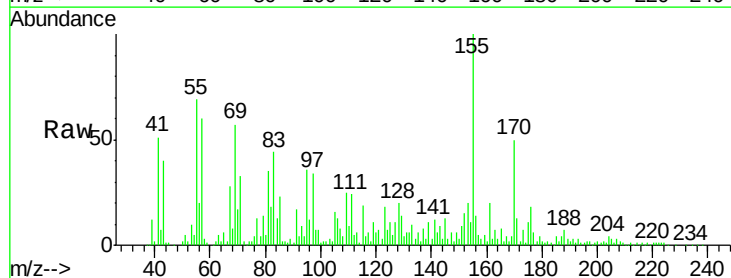
Instrument :
BNA_F
ClientSampled :

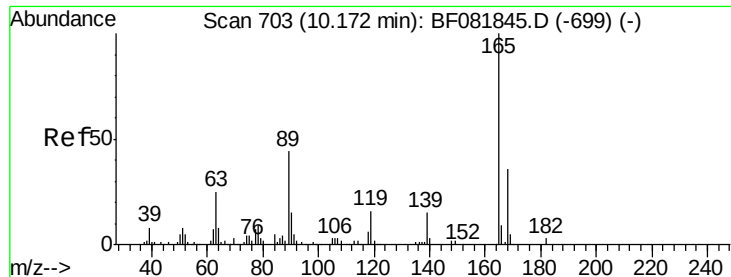
Tot Ion:168 Resp: 38754
Ion Ratio Lower Upper
168 100
139 103.5 24.2 36.2#
169 122.1 10.6 15.8#



#55
4-Nitrophenol
Concen: 22.70 ng
RT: 10.02 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF082155.D
Acq: 9 Oct 2015 20:13

Tgt Ion:139 Resp: 32969
Ion Ratio Lower Upper
139 100
109 235.7 12.7 52.7#
65 61.3 45.9 85.9

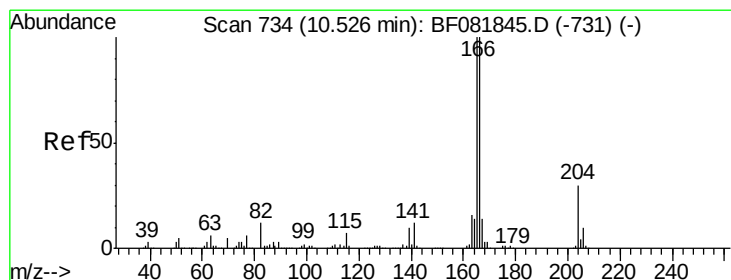
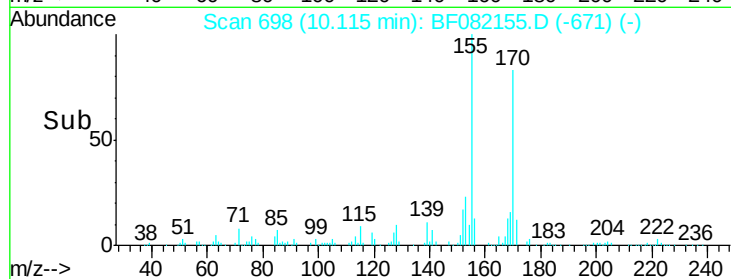
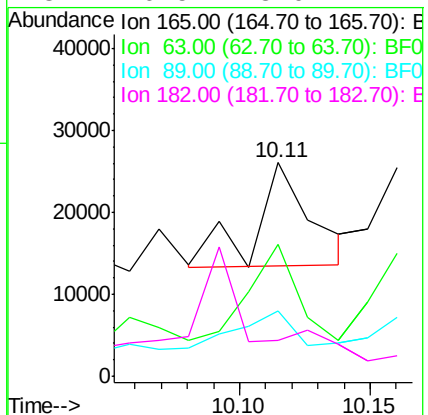
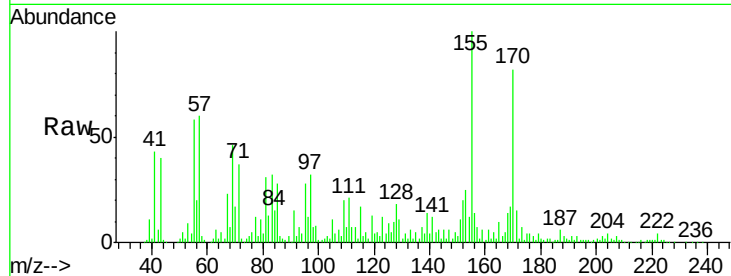




#56
2,4-Dinitrotoluene
Concen: 8.56 ng
RT: 10.11 min Scan# 698
Delta R.T. 0.01 min
Lab File: BF082155.D
Acq: 9 Oct 2015 20:13

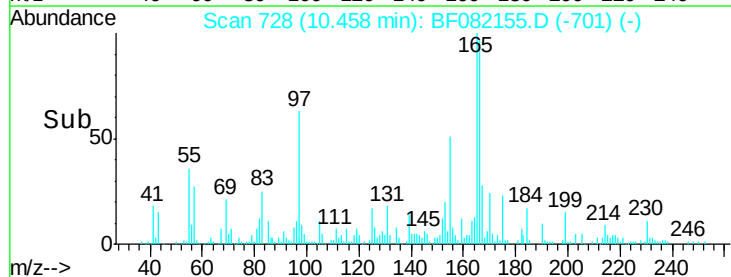
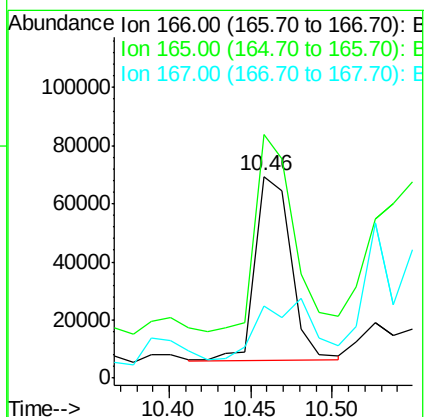
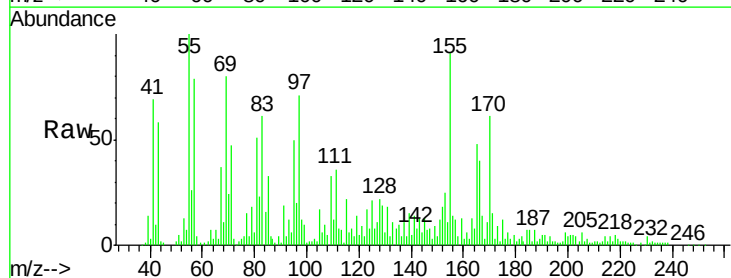
Instrument :
BNA_F
ClientSampled :

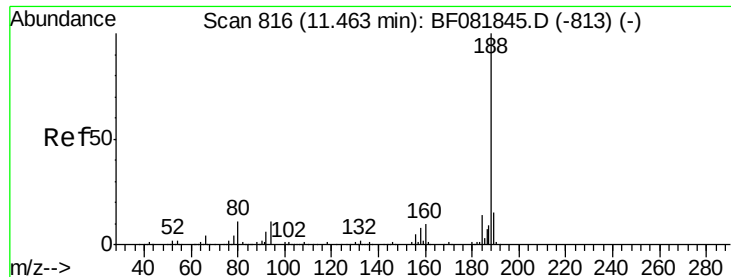
Tot Ion:165 Resp: 18957
Ion Ratio Lower Upper
165 100
63 61.9 29.8 44.6#
89 30.5 44.5 66.7#
182 16.5 3.0 4.4#



#57
Fluorene
Concen: 12.88 ng
RT: 10.46 min Scan# 728
Delta R.T. 0.01 min
Lab File: BF082155.D
Acq: 9 Oct 2015 20:13

Tgt Ion:166 Resp: 97184
Ion Ratio Lower Upper
166 100
165 120.8 72.6 109.0#
167 35.6 10.6 16.0#

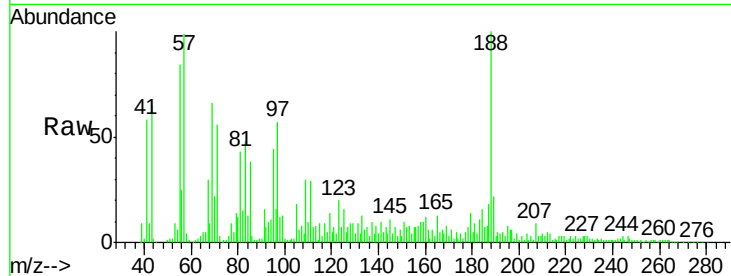




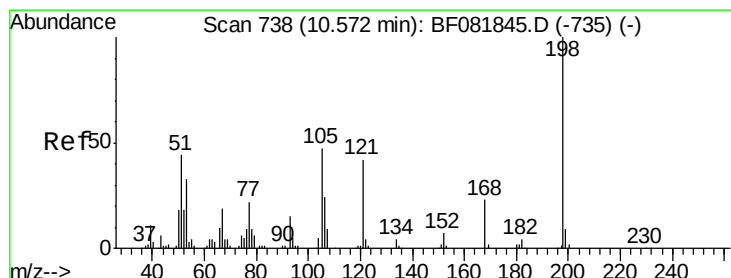
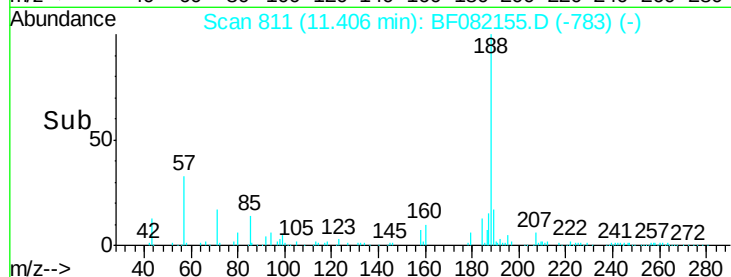
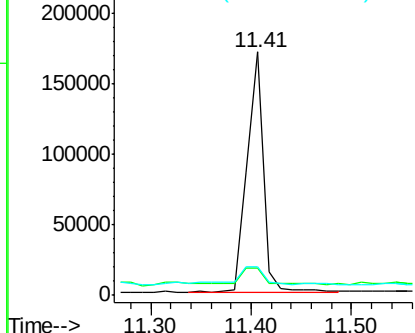
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 811
Delta R.T. 0.02 min
Lab File: BF082155.D
Acq: 9 Oct 2015 20:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 192702
Ion Ratio Lower Upper
188 100
94 11.3 11.1 16.7
80 11.9 11.0 16.4

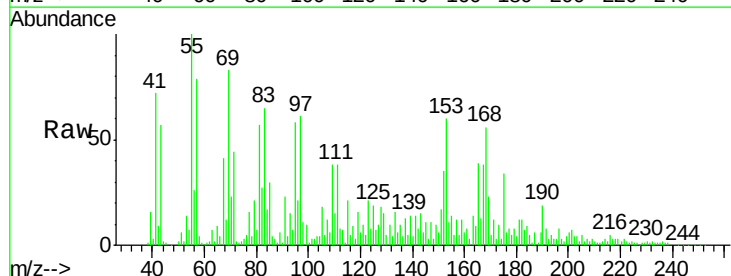


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

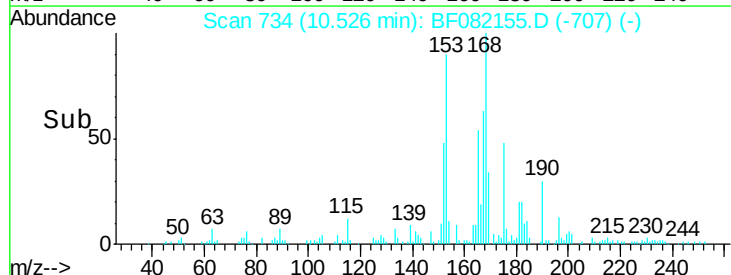
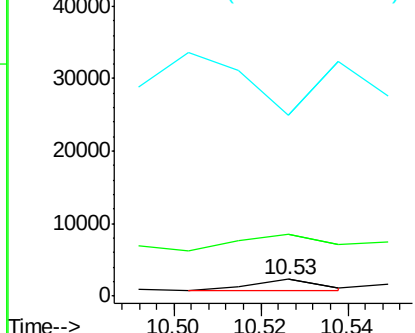


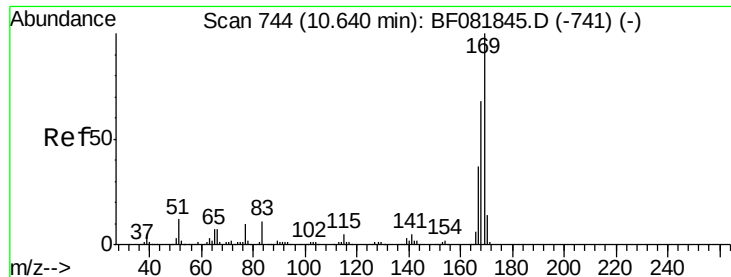
#64
4,6-Dinitro-2-methylphenol
Concen: 3.34 ng
RT: 10.53 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF082155.D
Acq: 9 Oct 2015 20:13

Tgt Ion:198 Resp: 1569
Ion Ratio Lower Upper
198 100
51 371.7 39.6 79.6#
105 1087.7 28.5 68.5#



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: 27.46 ng

RT: 10.57 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF082155.D

Acq: 9 Oct 2015 20:13

Instrument :

BNA_F

ClientSampleId :

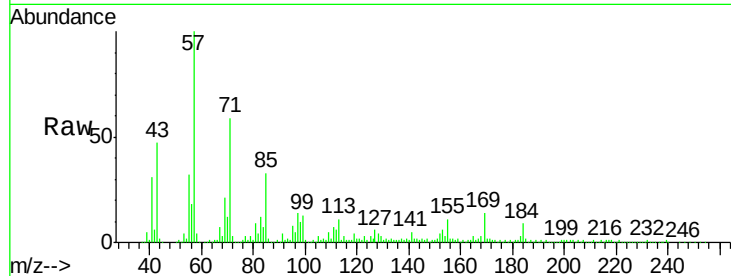
Tot Ion:169 Resp: 160075

Ion Ratio Lower Upper

169 100

168 22.6 48.9 73.3#

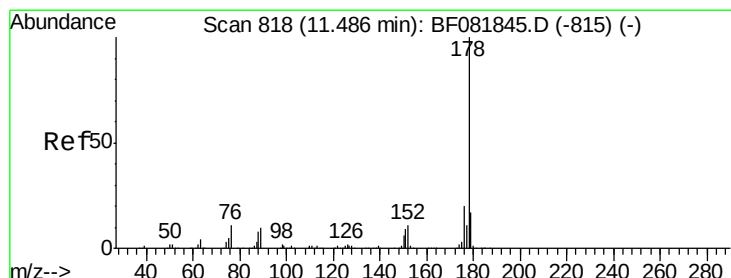
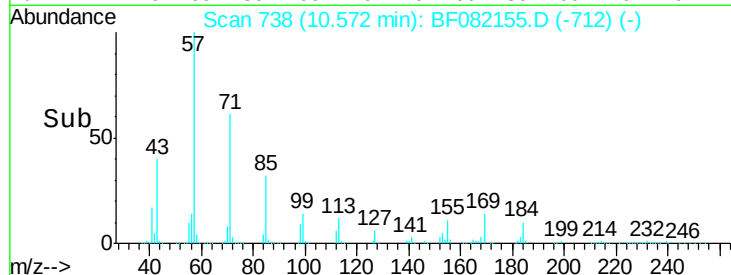
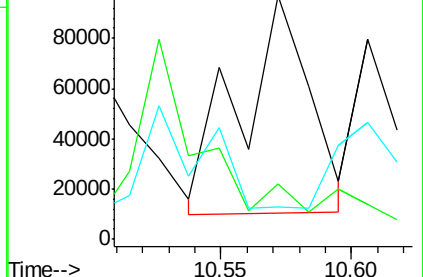
167 13.2 26.2 39.4#



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



#70

Phenanthrene

Concen: 33.14 ng

RT: 11.43 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF082155.D

Acq: 9 Oct 2015 20:13

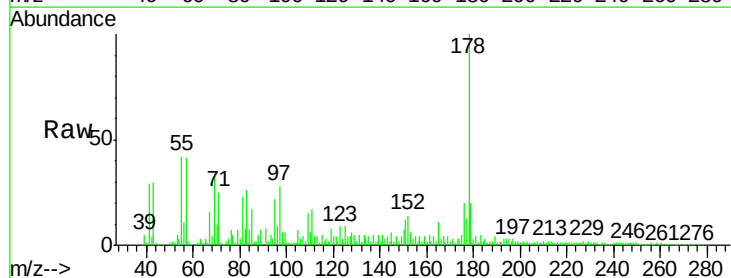
Tgt Ion:178 Resp: 311374

Ion Ratio Lower Upper

178 100

176 20.1 13.8 20.8

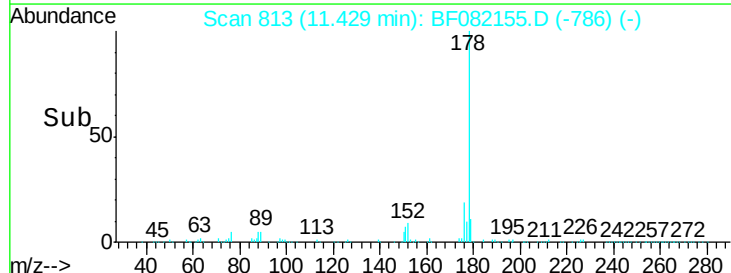
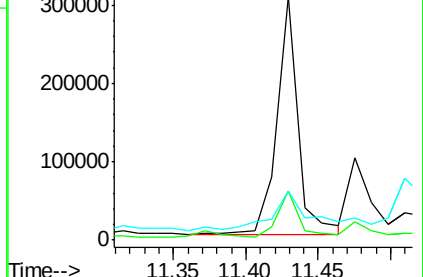
179 20.4 12.2 18.2#

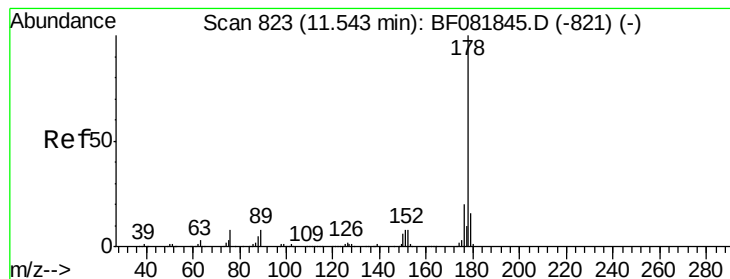


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 13.70 ng

RT: 11.47 min Scan# 817

Delta R.T. 0.01 min

Lab File: BF082155.D

Acq: 9 Oct 2015 20:13

Instrument :

BNA_F

ClientSampleId :

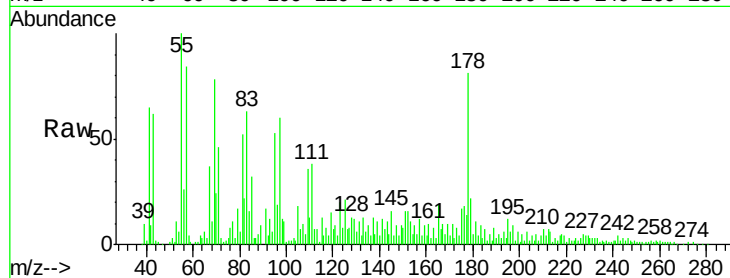
Tot Ion:178 Resp: 134202

Ion Ratio Lower Upper

178 100

176 21.8 14.1 21.1#

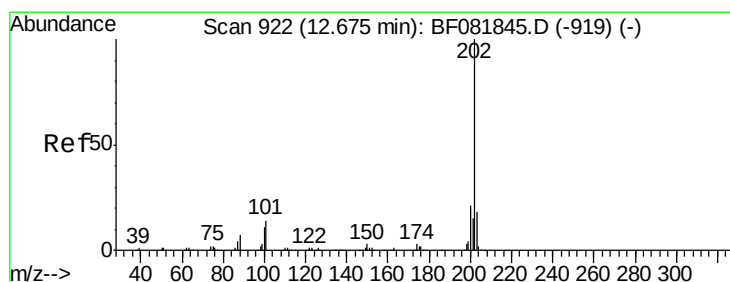
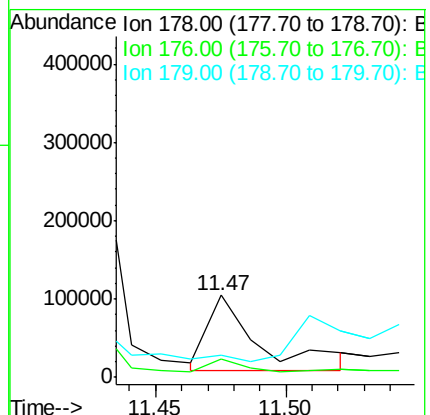
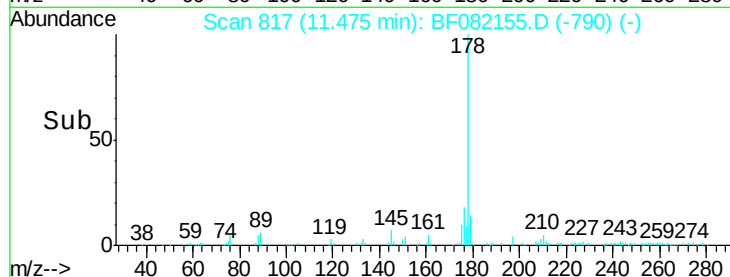
179 26.5 12.2 18.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 12.35 ng

RT: 12.61 min Scan# 916

Delta R.T. -0.00 min

Lab File: BF082155.D

Acq: 9 Oct 2015 20:13

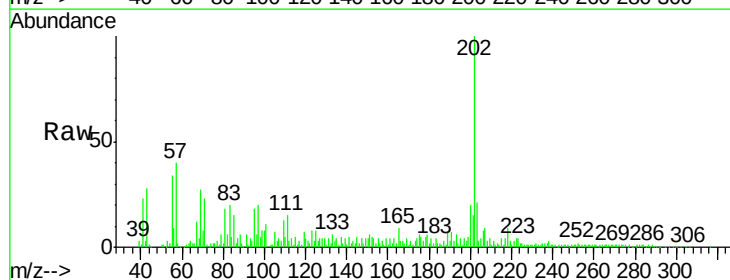
Tgt Ion:202 Resp: 127488

Ion Ratio Lower Upper

202 100

101 11.3 0.0 38.3

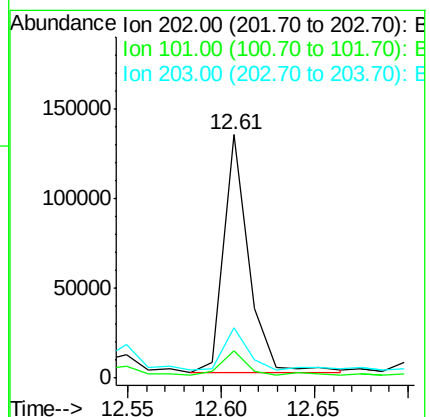
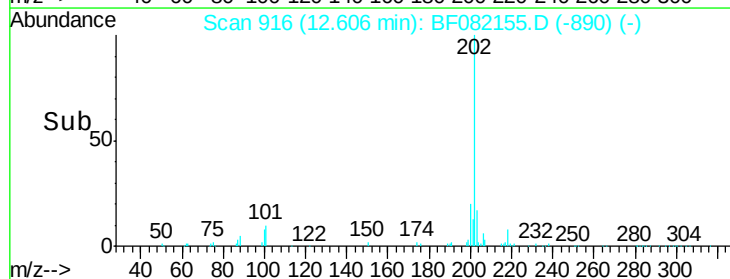
203 20.8 0.0 37.3

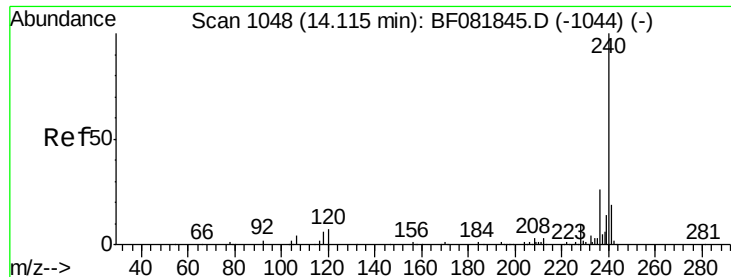


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.02 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF082155.D

Acq: 9 Oct 2015 20:13

Instrument :

BNA_F

ClientSampled :

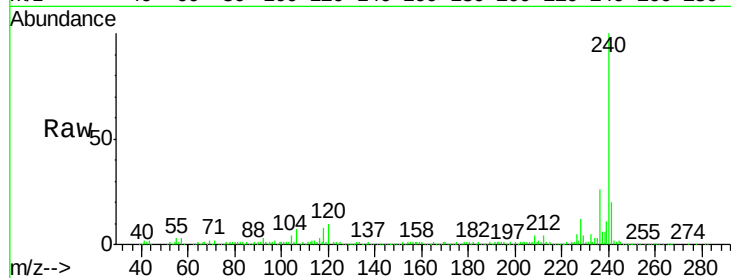
Tot Ion:240 Resp: 212733

Ion Ratio Lower Upper

240 100

120 9.7 16.2 24.2#

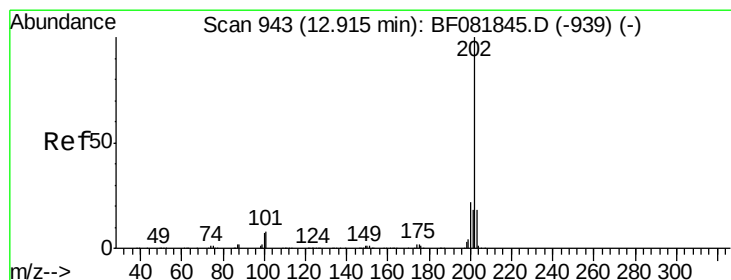
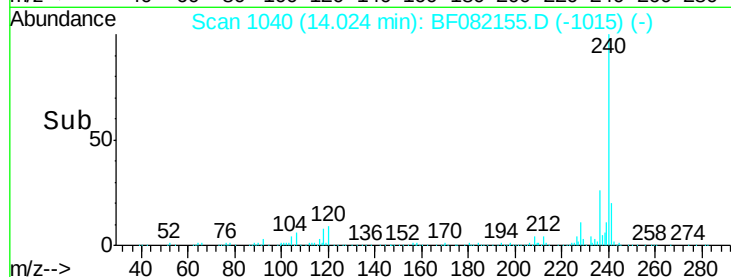
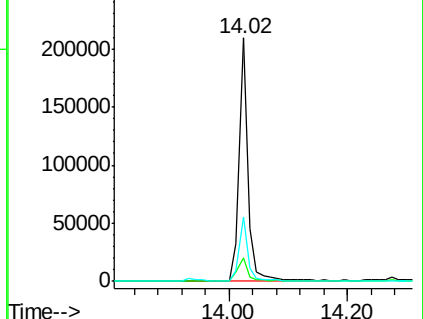
236 26.2 18.4 27.6



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: 23.32 ng

RT: 12.84 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF082155.D

Acq: 9 Oct 2015 20:13

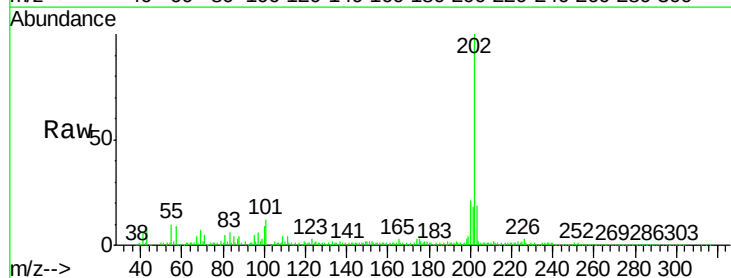
Tgt Ion:202 Resp: 296349

Ion Ratio Lower Upper

202 100

200 21.5 15.0 22.4

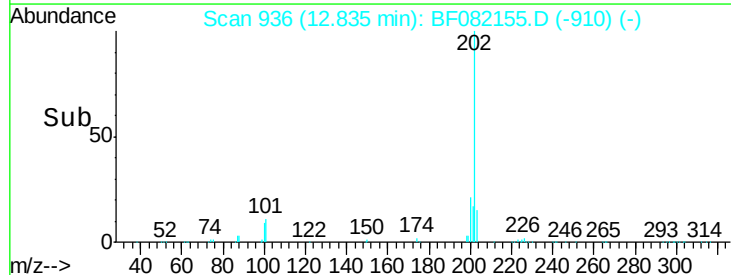
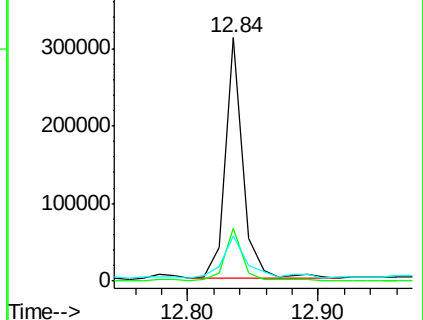
203 18.8 14.1 21.1

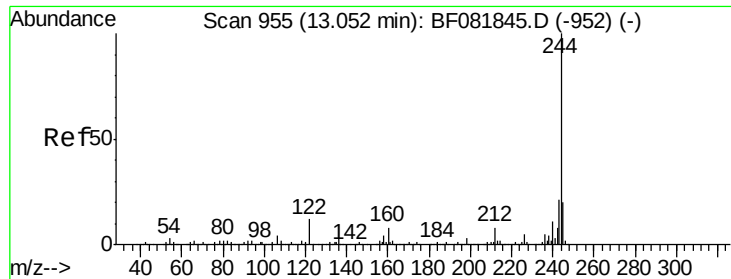


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

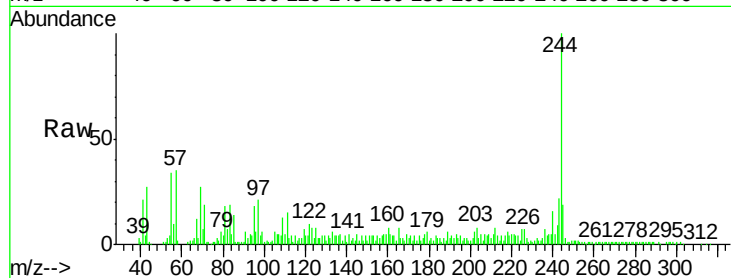




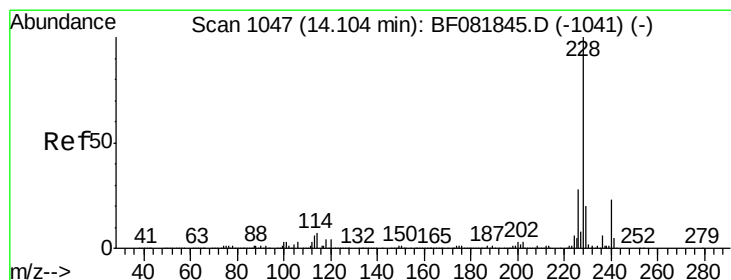
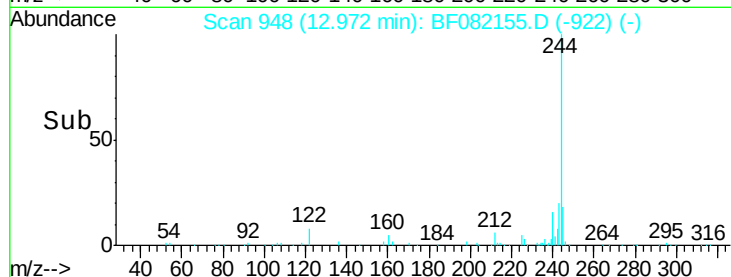
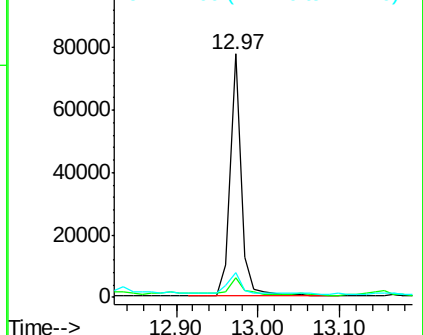
#78
 Terphenyl-d14
 Concen: 7.33 ng
 RT: 12.97 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BF082155.D
 Acq: 9 Oct 2015 20:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 73580
 Ion Ratio Lower Upper
 244 100
 212 8.0 4.3 6.5#
 122 10.2 17.4 26.2#

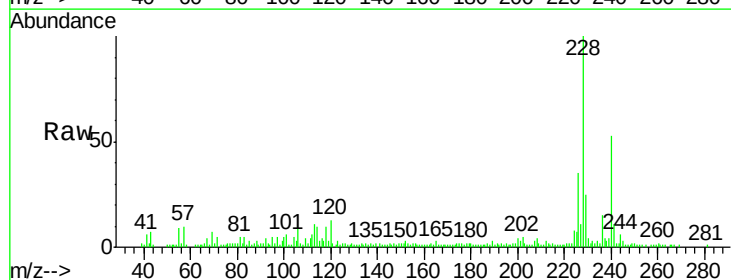


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

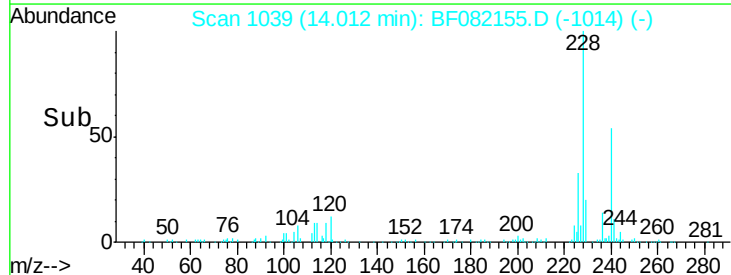
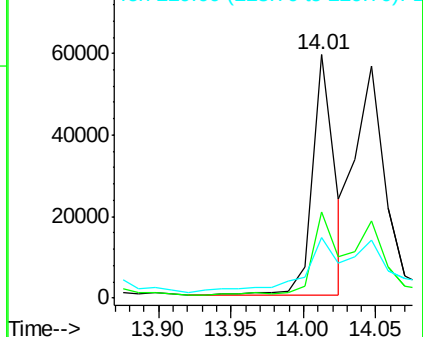


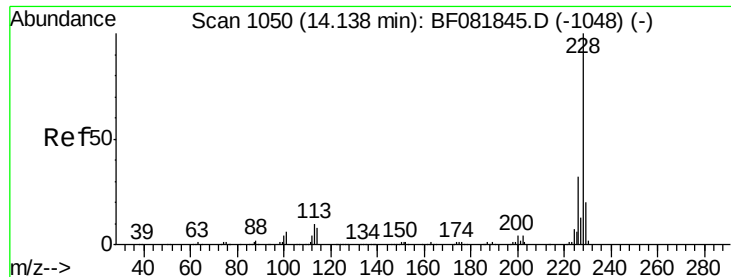
#80
 Benzo(a)anthracene
 Concen: 5.54 ng
 RT: 14.01 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF082155.D
 Acq: 9 Oct 2015 20:13

Tgt Ion:228 Resp: 63506
 Ion Ratio Lower Upper
 228 100
 226 35.2 20.0 30.0#
 229 25.0 15.4 23.2#



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 5.13 ng

RT: 14.01 min Scan# 1039

Delta R.T. -0.05 min

Lab File: BF082155.D

Acq: 9 Oct 2015 20:13

Instrument :

BNA_F

ClientSampleId :

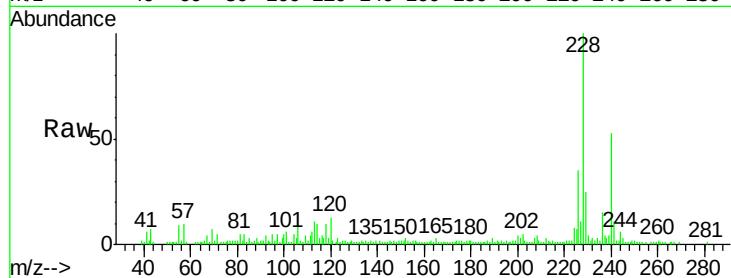
Tot Ion:228 Resp: 63506

Ion Ratio Lower Upper

228 100

226 35.2 21.0 31.4#

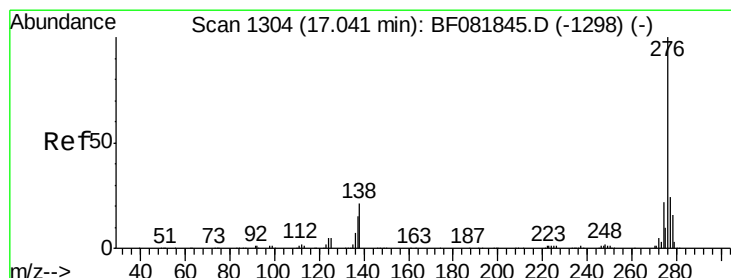
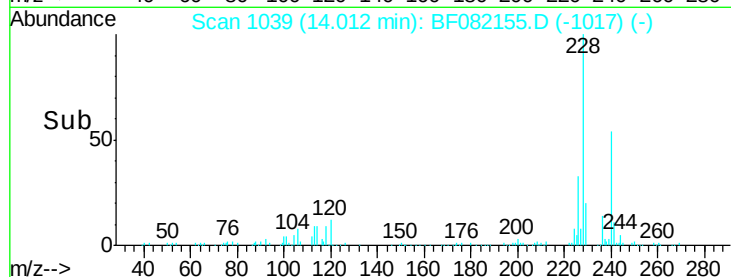
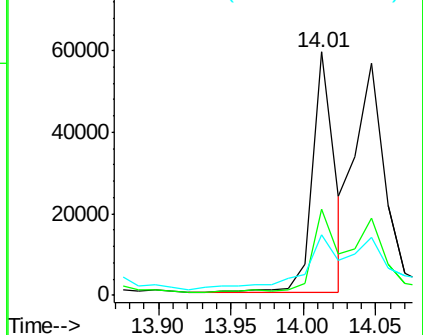
229 25.0 15.6 23.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.20 ng

RT: 16.87 min Scan# 1289

Delta R.T. -0.03 min

Lab File: BF082155.D

Acq: 9 Oct 2015 20:13

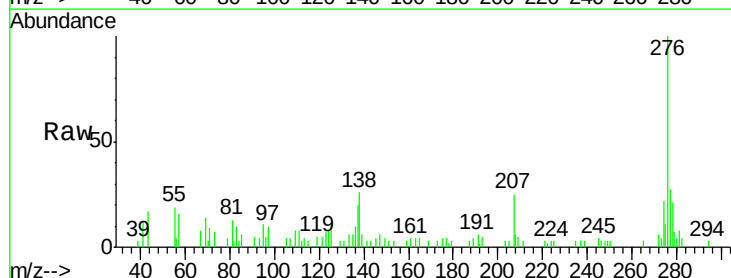
Tgt Ion:276 Resp: 28674

Ion Ratio Lower Upper

276 100

138 31.1 25.7 38.5

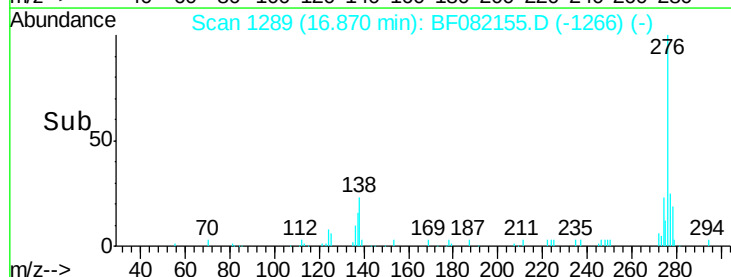
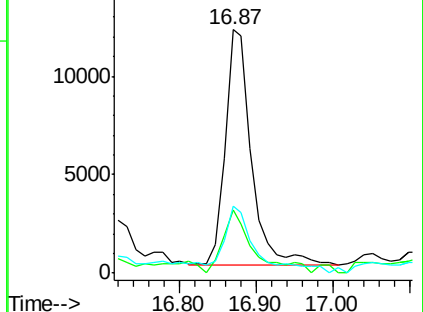
277 33.8 15.6 23.4#

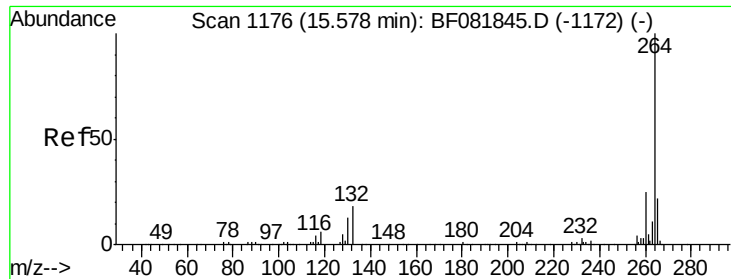


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



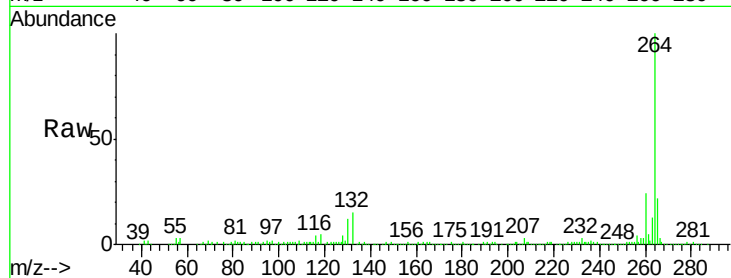


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF082155.D
Acq: 9 Oct 2015 20:13

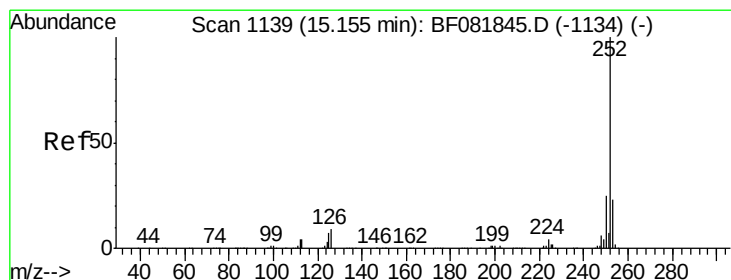
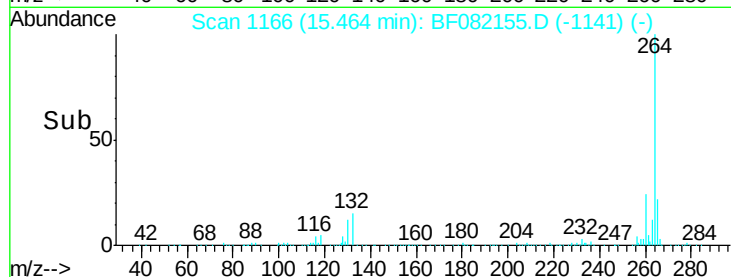
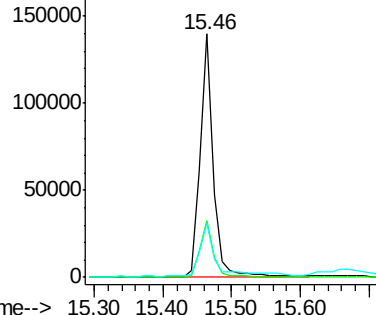
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 191024

Ion	Ratio	Lower	Upper
264	100		
260	23.5	16.7	25.1
265	22.1	17.2	25.8



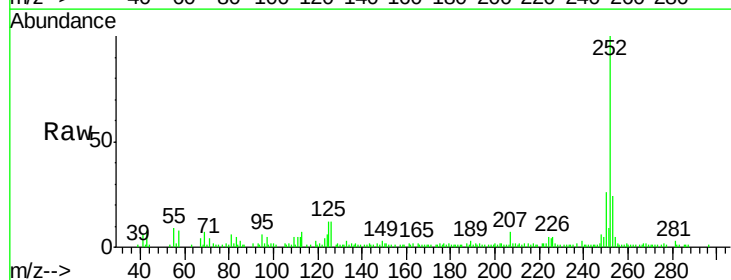
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



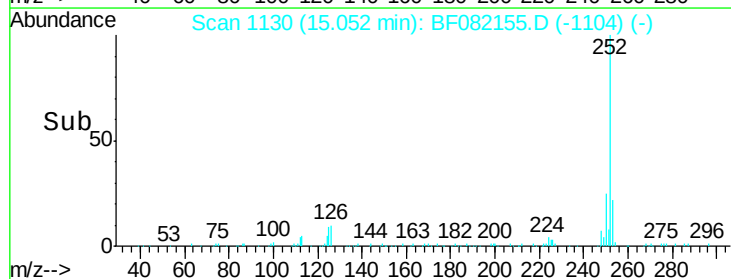
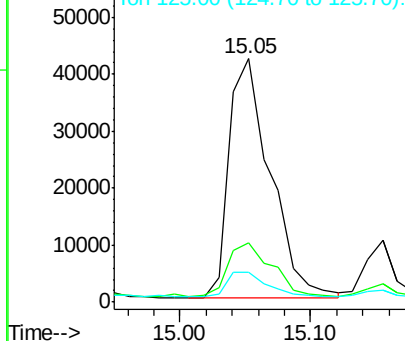
#87
Benzo(b)fluoranthene
Concen: 8.47 ng
RT: 15.05 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF082155.D
Acq: 9 Oct 2015 20:13

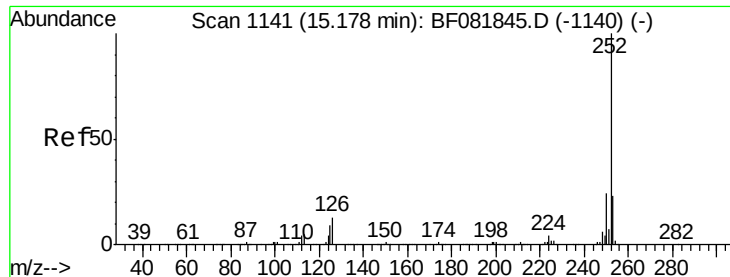
Tgt Ion:252 Resp: 92322

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.5	26.3
125	12.0	17.1	25.7#



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





#88

Benzo(k)fluoranthene

Concen: 9.24 ng

RT: 15.05 min Scan# 1130

Delta R.T. -0.03 min

Lab File: BF082155.D

Acq: 9 Oct 2015 20:13

Instrument :

BNA_F

ClientSampled :

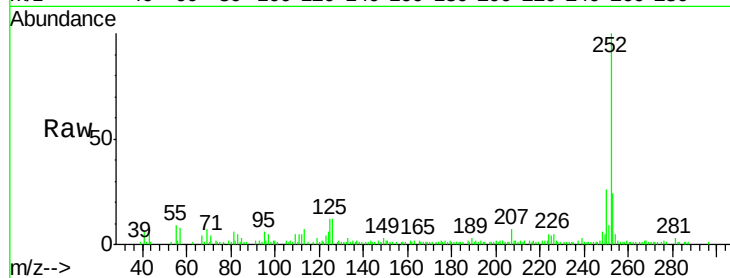
Tot Ion:252 Resp: 92322

Ion Ratio Lower Upper

252 100

253 24.2 17.0 25.4

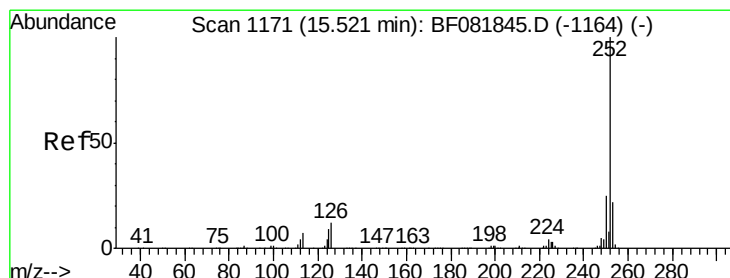
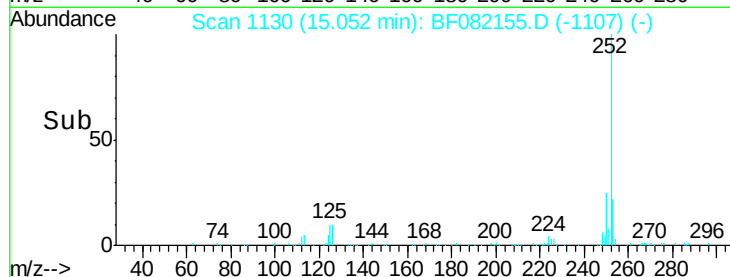
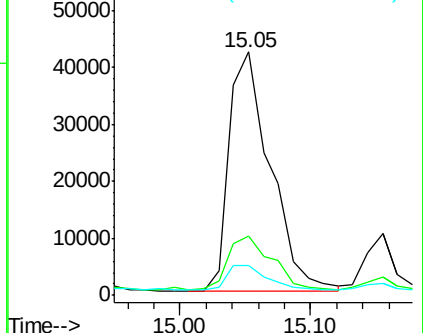
125 12.0 16.0 24.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 7.03 ng

RT: 15.40 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BF082155.D

Acq: 9 Oct 2015 20:13

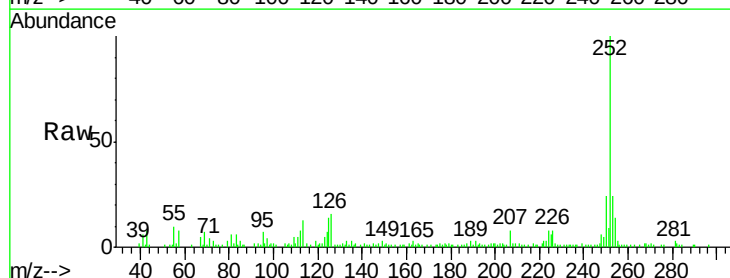
Tgt Ion:252 Resp: 66464

Ion Ratio Lower Upper

252 100

253 23.6 17.2 25.8

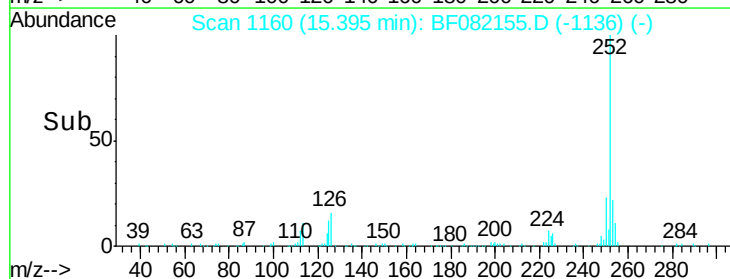
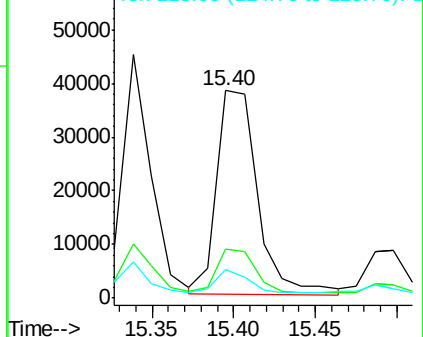
125 14.0 18.0 27.0#

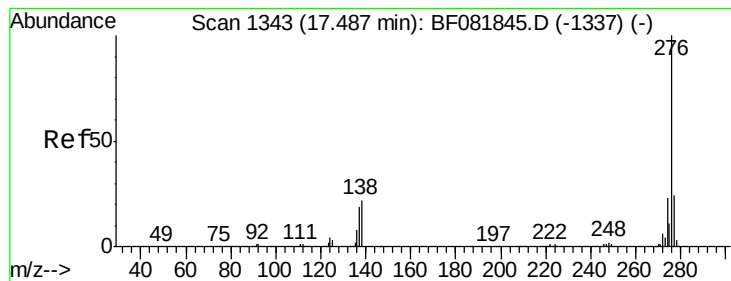


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 4.52 ng
 RT: 17.30 min Scan# 1327
 Delta R.T. -0.02 min
 Lab File: BF082155.D
 Acq: 9 Oct 2015 20:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 36729
 Ion Ratio Lower Upper
 276 100
 277 23.7 17.8 26.6
 138 19.8 34.6 51.8#

