

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090815\
 Data File : BF081536.D
 Acq On : 8 Sep 2015 22:26
 Operator : UM/IZ
 Sample : G3579-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 08 23:54:10 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 08 23:43:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.34	152	46142	20.00	ng	0.00
21) Naphthalene-d8	7.64	136	169729	20.00	ng	0.00
38) Acenaphthene-d10	9.38	164	74126	20.00	ng	0.00
63) Phenanthrene-d10	10.86	188	113491	20.00	ng	0.01
75) Chrysene-d12	13.46	240	100493	20.00	ng	0.01
86) Perylene-d12	14.77	264	95286	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	466168	156.75	ng	0.02
7) Phenol-d6	6.02	99	588093	149.39	ng	0.00
23) Nitrobenzene-d5	6.92	82	342463	97.35	ng	0.00
41) 2,4,6-Tribromophenol	10.17	330	88952	134.77	ng	0.01
44) 2-Fluorobiphenyl	8.72	172	477981	82.63	ng	0.00
78) Terphenyl-d14	12.43	244	322752	74.76	ng	0.01

Target Compounds						Qvalue
15) Benzyl Alcohol	6.50	79	8286	2.57	ng	# 31
18) Hexachloroethane	6.82	117	6406	4.62	ng	# 41
25) Isophorone	7.27	82	14674	2.24	ng	# 36
31) Naphthalene	7.68	128	3092021	341.59	ng	95
32) Benzoic acid	7.46	122	1398	3.22	ng	# 1
33) 4-Chloroaniline	7.68	127	444933	120.51	ng	# 34
35) Caprolactam	8.10	113	10990	15.03	ng	# 1
37) 2-Methylnaphthalene	8.35	142	328697	55.80	ng	# 88
45) 1,1'-Biphenyl	8.82	154	591704	86.76	ng	95
47) 2-Nitroaniline	8.91	65	8031	4.00	ng	# 18
48) Acenaphthylene	9.24	152	330194	37.79	ng	# 93
49) Dimethylphthalate	9.13	163	116988	20.31	ng	# 97
50) 2,6-Dinitrotoluene	9.08	165	5297	4.05	ng	# 24
51) Acenaphthene	9.44	154	2133583	429.26	ng	90
54) Dibenzofuran	9.59	168	174626	24.06	ng	# 78
55) 4-Nitrophenol	9.59	139	70196	75.09	ng	# 37
56) 2,4-Dinitrotoluene	9.58	165	12375	7.44	ng	# 42
57) Fluorene	9.94	166	1289691	234.16	ng	96
61) 4-Nitroaniline	10.15	138	3945	2.62	ng	86
65) n-Nitrosodiphenylamine	10.04	169	22749	5.51	ng	# 1
69) Pentachlorophenol	10.51	266	376	9.32	ng	# 19
70) Phenanthrene	10.95	178	814505	129.09	ng	95
71) Anthracene	10.95	178	814505	125.65	ng	96
74) Fluoranthene	12.07	202	1899013	278.03	ng	92
77) Pyrene	12.30	202	2494317	335.08	ng	95
80) Benzo(a)anthracene	13.45	228	791149	123.62	ng	# 53
82) Chrysene	13.45	228	791149	137.91	ng	# 55
83) Bis(2-ethylhexyl)phthalate	13.49	149	15840	3.71	ng	# 91
85) Indeno(1,2,3-cd)pyrene	15.84	276	273659	65.02	ng	# 80
87) Benzo(b)fluoranthene	14.45	252	781639	114.90	ng	# 89
88) Benzo(k)fluoranthene	14.45	252	781639	138.47	ng	# 89
89) Benzo(a)pyrene	14.73	252	682700	118.43	ng	# 87
90) Dibenzo(a,h)anthracene	15.84	278	61816	13.88	ng	# 64
91) Benzo(g,h,i)perylene	16.16	276	292082	68.70	ng	# 75

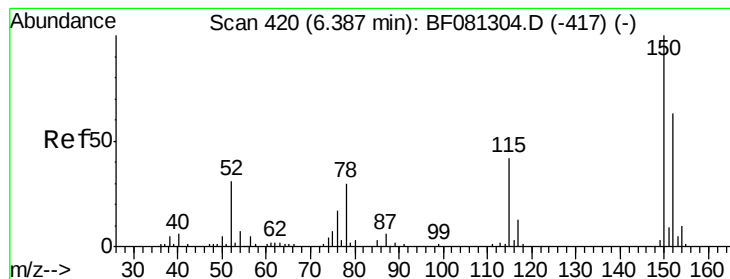
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090815\
Data File : BF081536.D
Acq On : 8 Sep 2015 22:26
Operator : UM/IZ
Sample : G3579-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: Sep 08 23:54:10 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 08 23:43:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

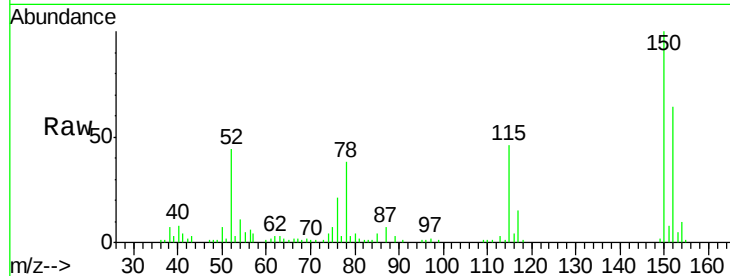


#1

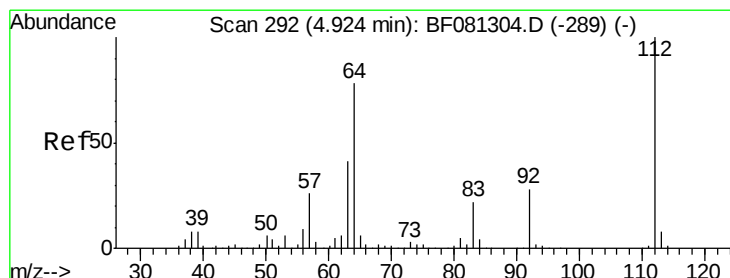
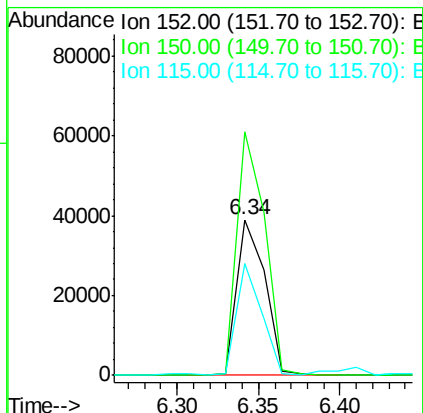
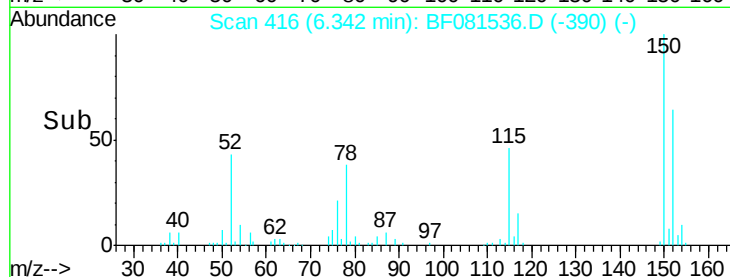
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.00 min
Lab File: BF081536.D
Acq: 8 Sep 2015 22:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 46142
Ion Ratio Lower Upper
152 100
150 156.3 124.7 187.1
115 71.4 39.0 58.4#



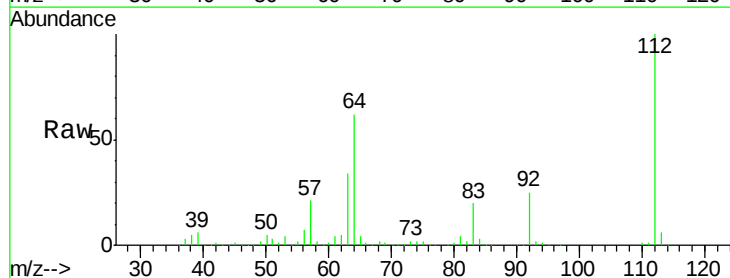
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



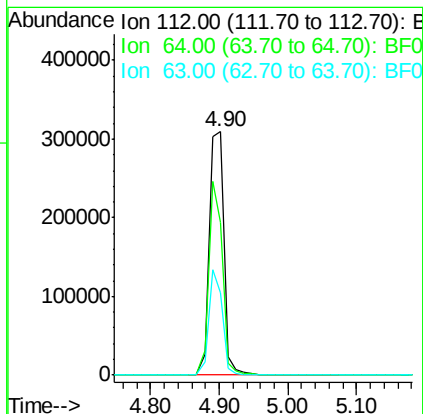
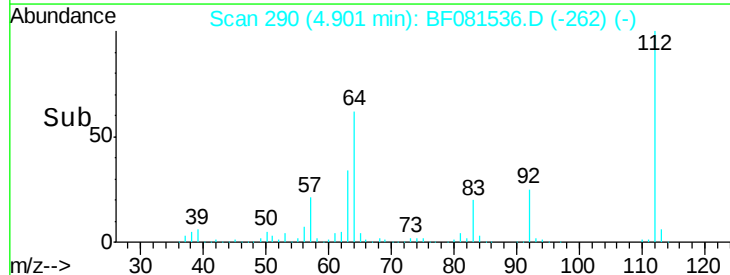
#5

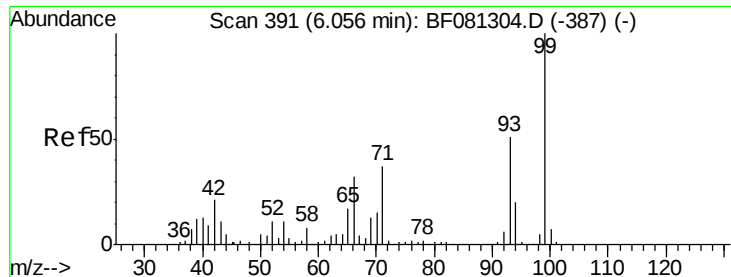
2-Fluorophenol
Concen: 156.75 ng
RT: 4.90 min Scan# 290
Delta R.T. 0.02 min
Lab File: BF081536.D
Acq: 8 Sep 2015 22:26

Tgt Ion:112 Resp: 466168
Ion Ratio Lower Upper
112 100
64 62.5 39.7 59.5#
63 34.0 17.4 26.0#



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: 149.39 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF081536.D

Acq: 8 Sep 2015 22:26

Instrument :

BNA_F

ClientSampleId :

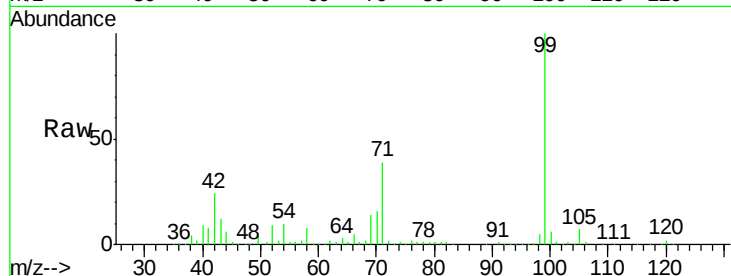
Tot Ion: 99 Resp: 588093

Ion Ratio Lower Upper

99 100

42 23.5 13.7 20.5#

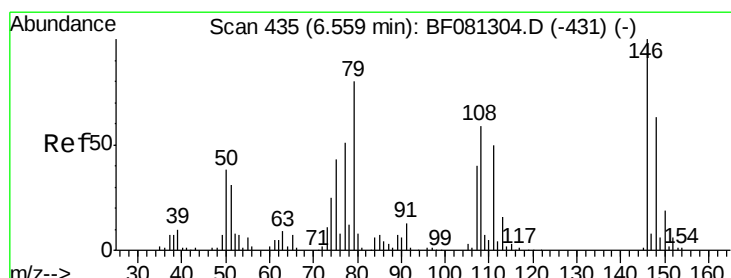
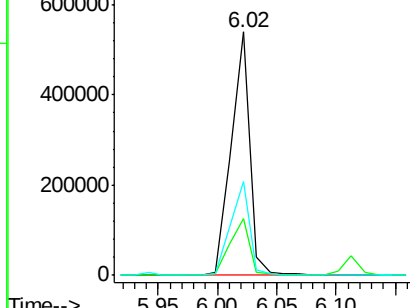
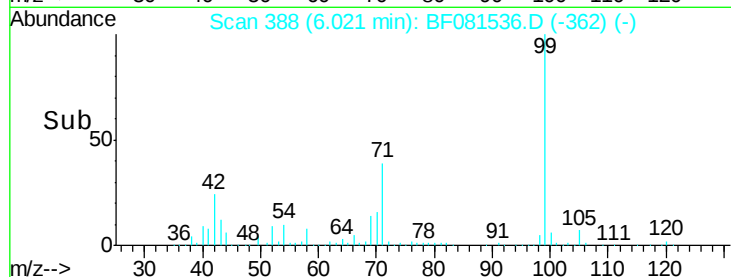
71 38.7 14.2 21.2#



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



#15

Benzyl Alcohol

Concen: 2.57 ng

RT: 6.50 min Scan# 430

Delta R.T. -0.01 min

Lab File: BF081536.D

Acq: 8 Sep 2015 22:26

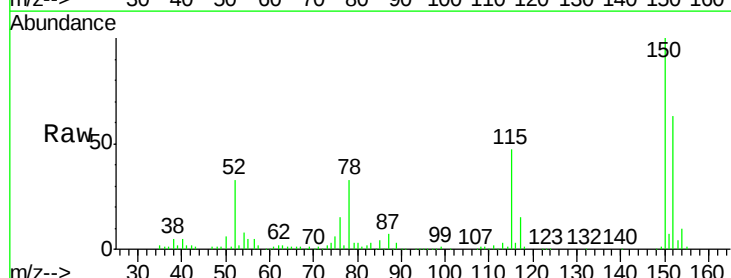
Tgt Ion: 79 Resp: 8286

Ion Ratio Lower Upper

79 100

108 23.2 88.6 132.8#

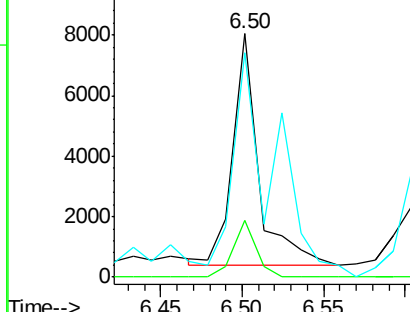
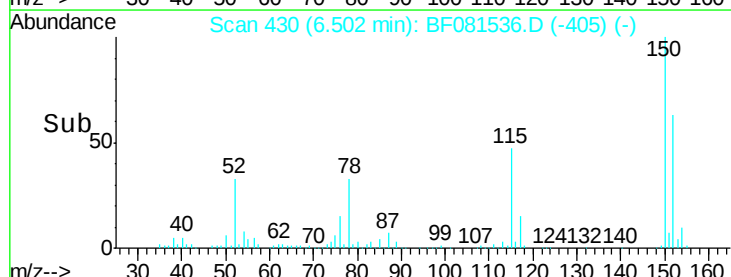
77 92.3 47.0 70.4#

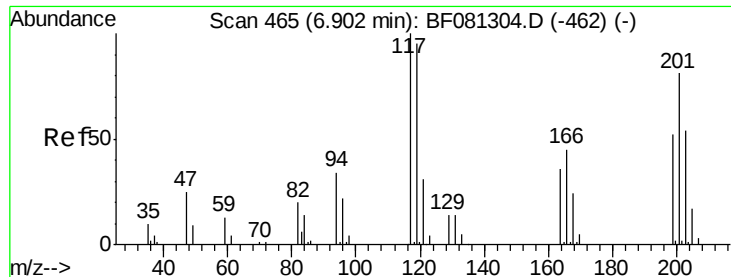


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

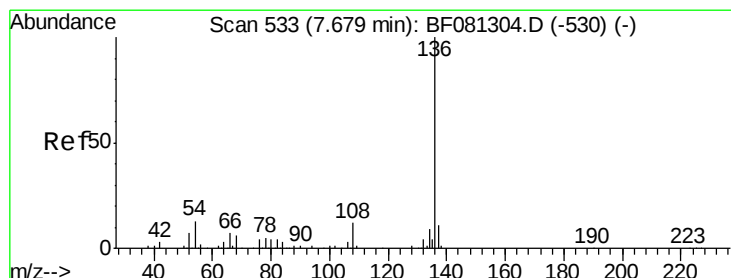
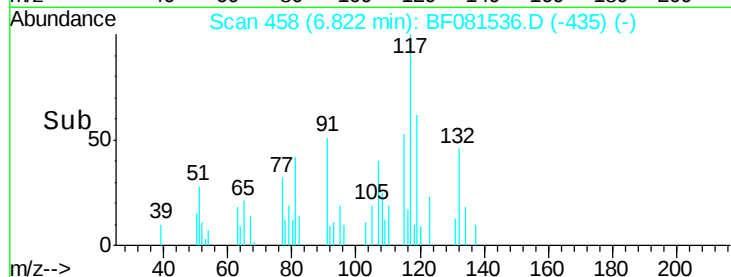
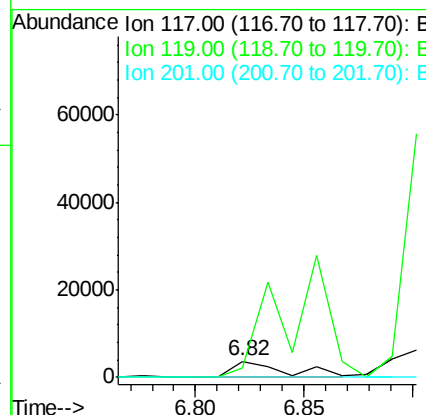
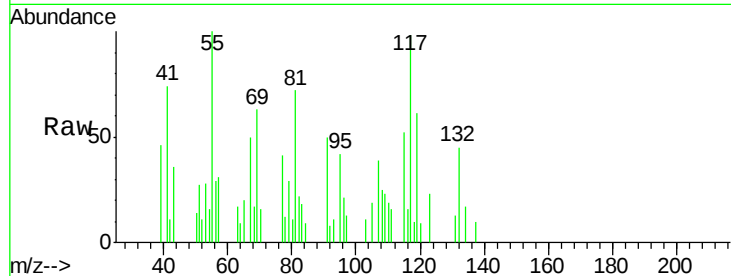




#18
Hexachloroethane
Concen: 4.62 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.03 min
Lab File: BF081536.D
Acq: 8 Sep 2015 22:26

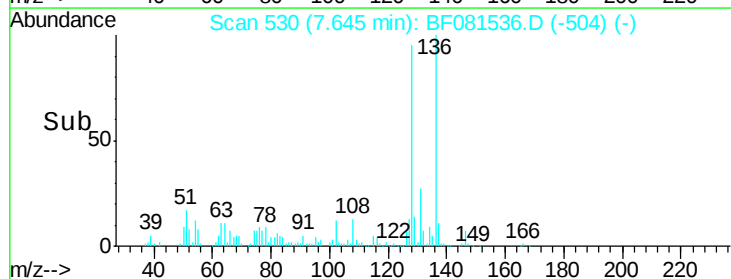
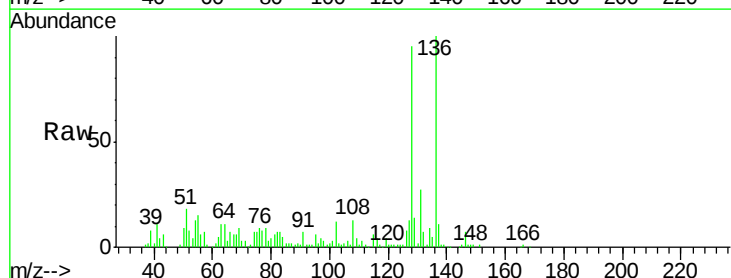
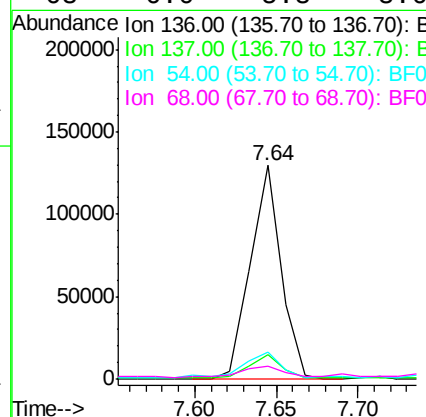
Instrument :
BNA_F
ClientSampleId :

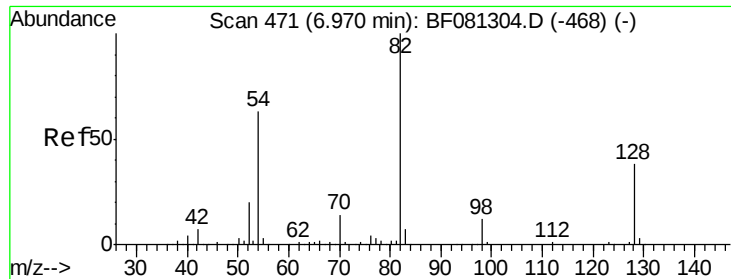
Tot Ion:117 Resp: 6406
Ion Ratio Lower Upper
117 100
119 62.3 83.8 125.6#
201 0.0 55.1 82.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF081536.D
Acq: 8 Sep 2015 22:26

Tgt Ion:136 Resp: 169729
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 12.7 8.2 12.2#
68 6.0 5.8 8.6

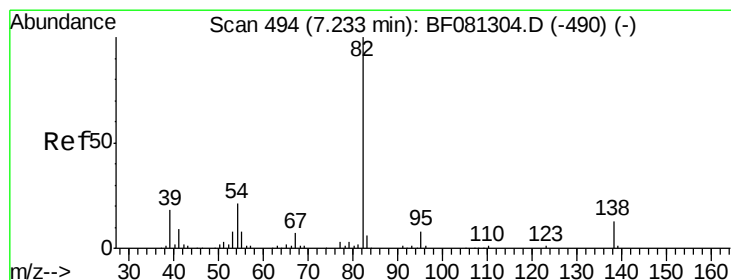
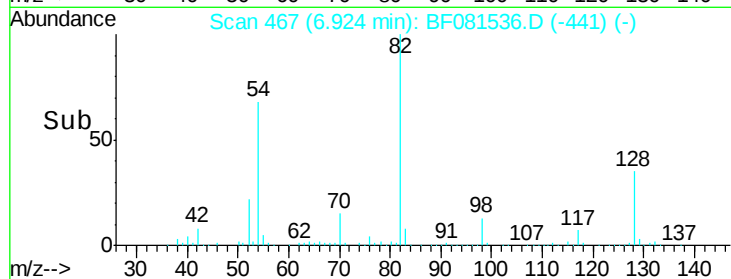
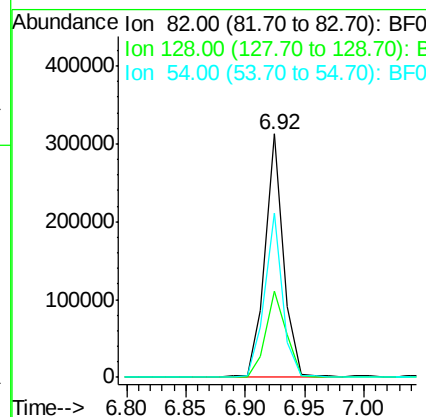
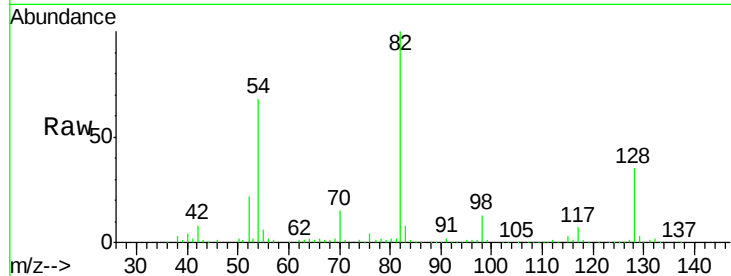




#23
Nitrobenzene-d5
Concen: 97.35 ng
RT: 6.92 min Scan# 467
Delta R.T. -0.00 min
Lab File: BF081536.D
Acq: 8 Sep 2015 22:26

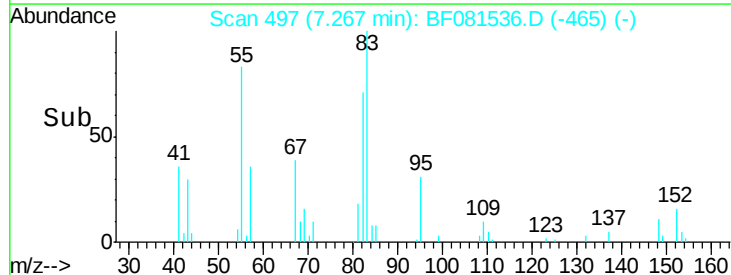
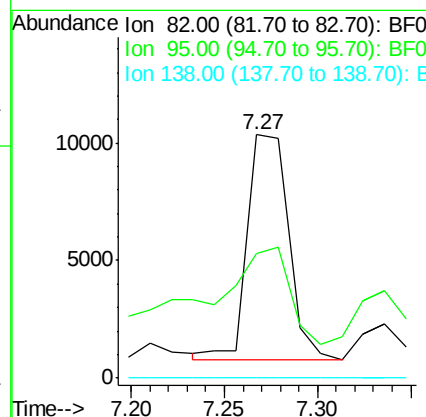
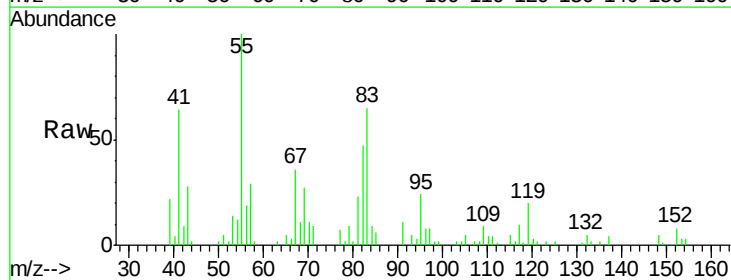
Instrument :
BNA_F
ClientSampleId :

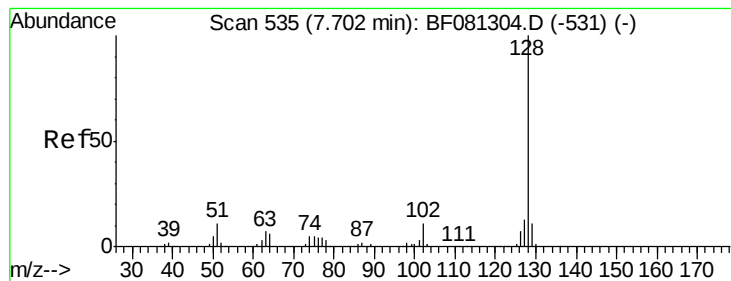
Tot Ion	82	Resp	342463
Ion Ratio	Lower	Upper	
82	100		
128	35.3	51.0	76.6#
54	67.6	47.5	71.3



#25
Isophorone
Concen: 2.24 ng
RT: 7.27 min Scan# 497
Delta R.T. 0.07 min
Lab File: BF081536.D
Acq: 8 Sep 2015 22:26

Tgt Ion	82	Resp	14674
Ion Ratio	Lower	Upper	
82	100		
95	51.1	4.0	6.0#
138	0.0	18.3	27.5#





#31

Naphthalene

Concen: 341.59 ng

RT: 7.68 min Scan# 533

Delta R.T. 0.02 min

Lab File: BF081536.D

Acq: 8 Sep 2015 22:26

Instrument :

BNA_F

ClientSampled :

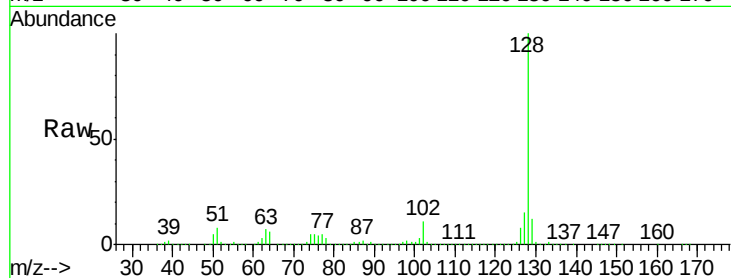
Tot Ion:128 Resp: 3092021

Ion Ratio Lower Upper

128 100

129 12.3 8.4 12.6

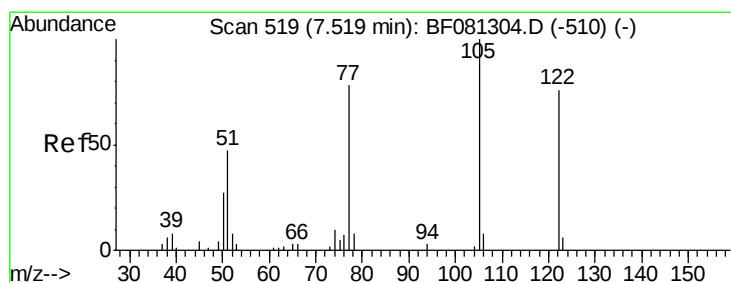
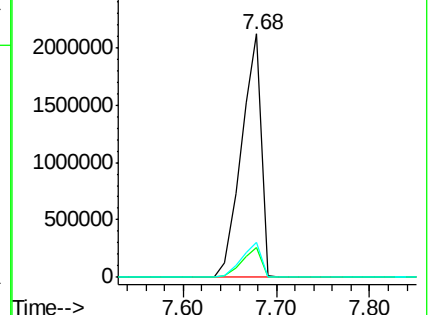
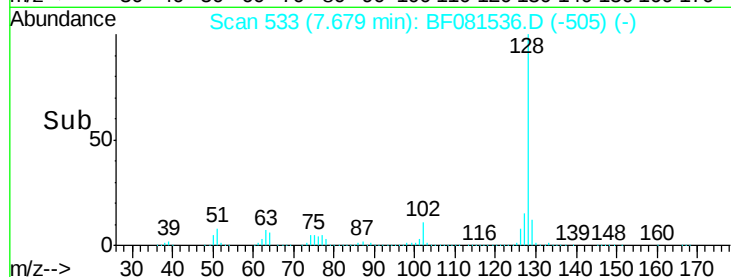
127 14.5 9.9 14.9



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: 3.22 ng

RT: 7.46 min Scan# 514

Delta R.T. -0.02 min

Lab File: BF081536.D

Acq: 8 Sep 2015 22:26

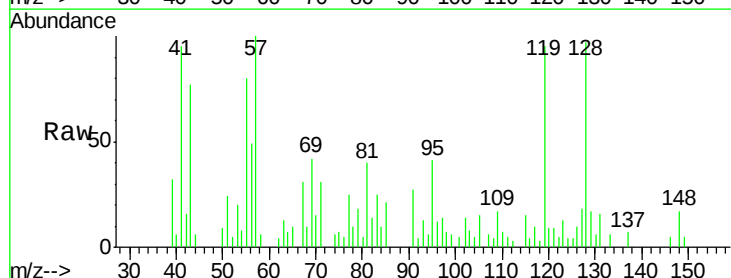
Tgt Ion:122 Resp: 1398

Ion Ratio Lower Upper

122 100

105 291.4 76.1 116.1#

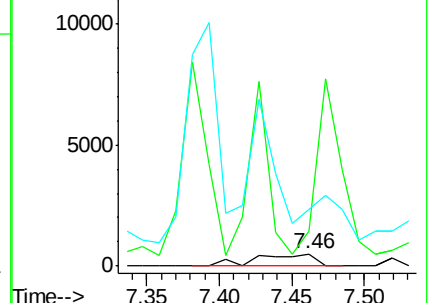
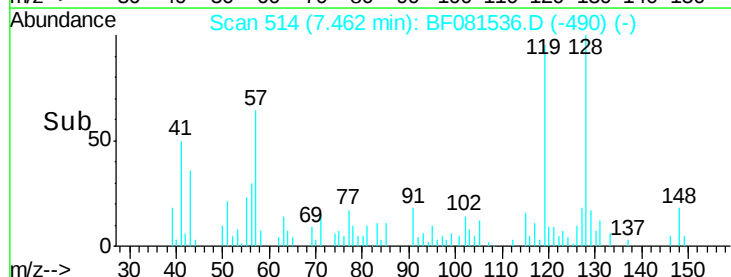
77 465.1 40.5 80.5#

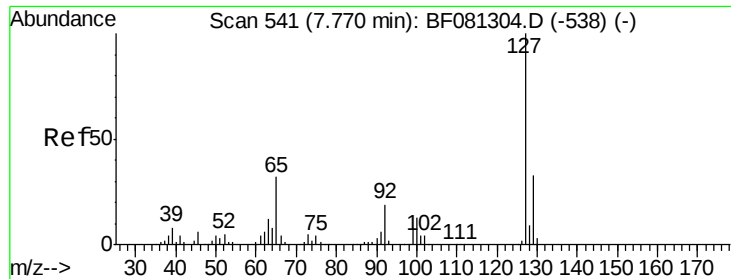


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

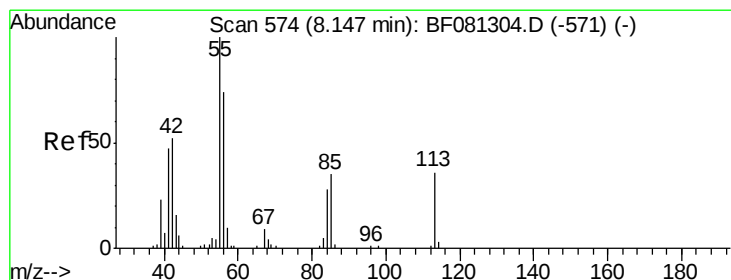
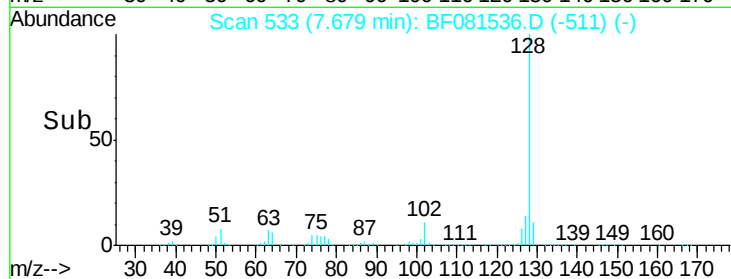
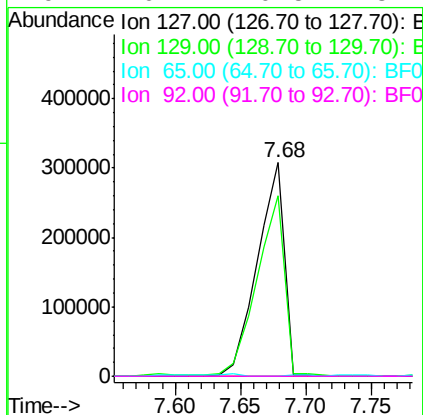
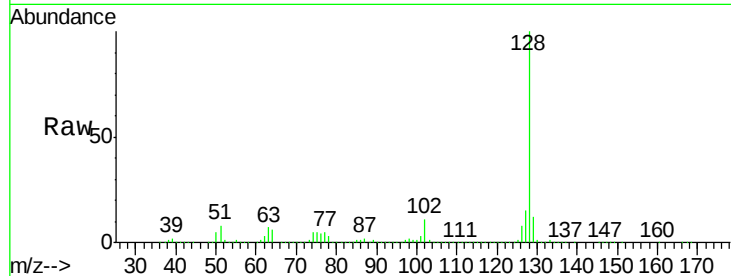




#33
4-Chloroaniline
Concen: 120.51 ng
RT: 7.68 min Scan# 533
Delta R.T. -0.05 min
Lab File: BF081536.D
Acq: 8 Sep 2015 22:26

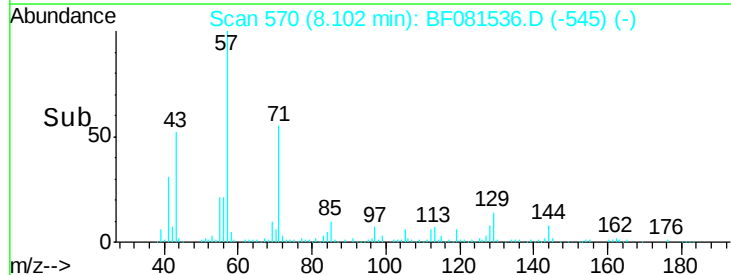
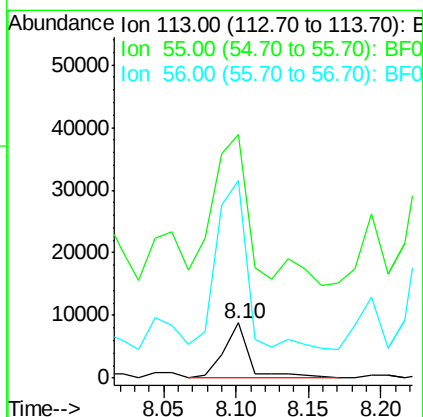
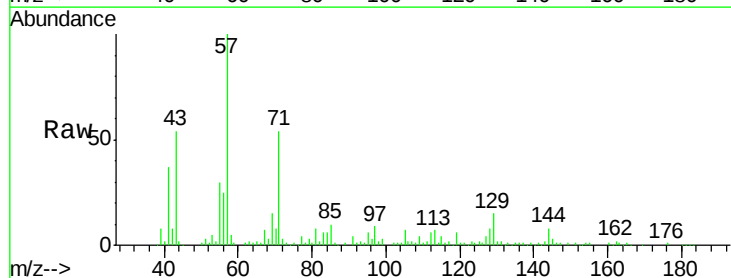
Instrument :
BNA_F
ClientSampleId :

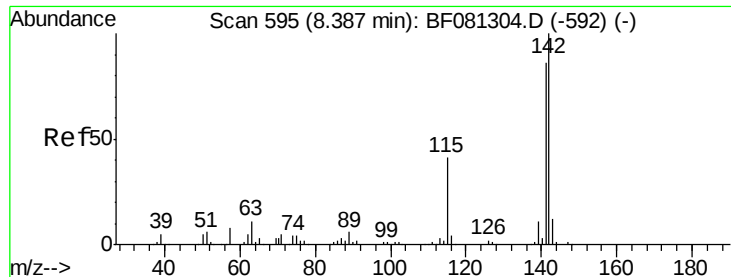
Tot Ion:	127	Resp:	444933
Ion	Ratio	Lower	Upper
127	100		
129	84.8	25.8	38.6#
65	0.0	17.9	26.9#
92	0.2	10.5	15.7#



#35
Caprolactam
Concen: 15.03 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF081536.D
Acq: 8 Sep 2015 22:26

Tgt Ion:	113	Resp:	10990
Ion	Ratio	Lower	Upper
113	100		
55	441.9	152.4	192.4#
56	358.6	104.6	144.6#

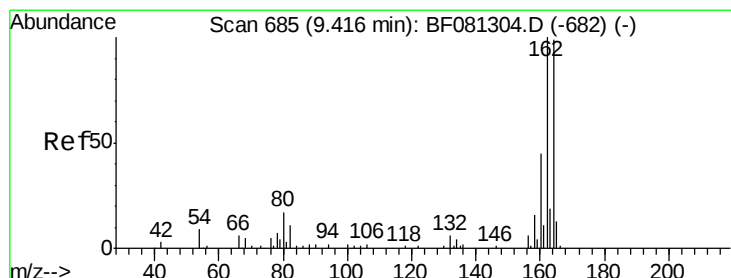
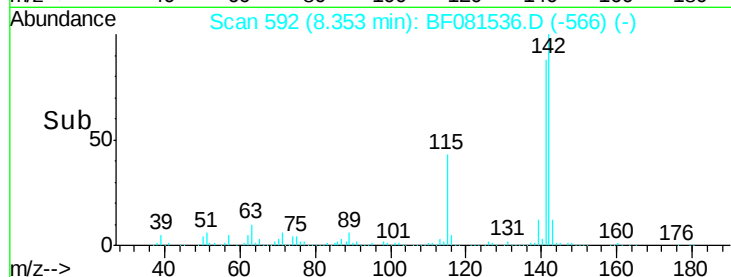
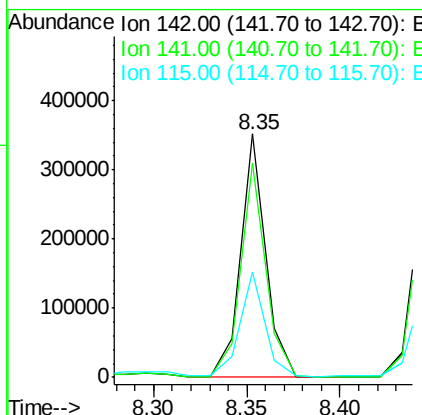
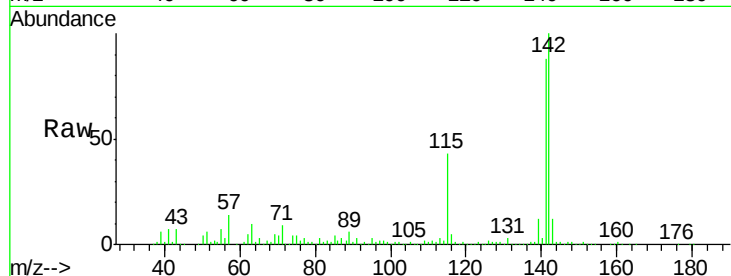




#37
2-Methylnaphthalene
Concen: 55.80 ng
RT: 8.35 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF081536.D
Acq: 8 Sep 2015 22:26

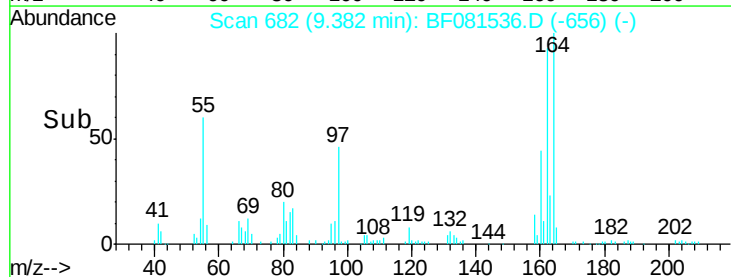
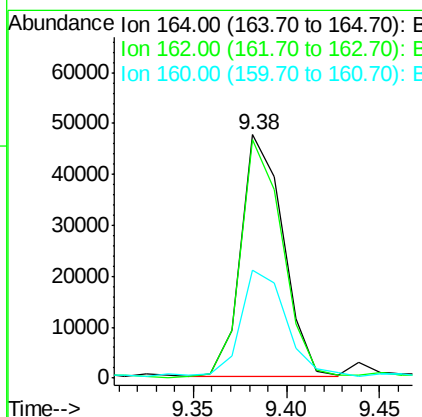
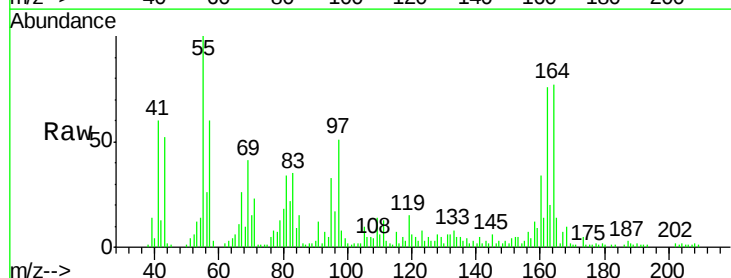
Instrument :
BNA_F
ClientSampleId :

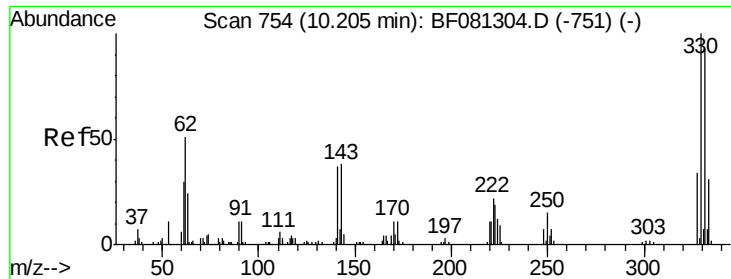
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	67.5	101.3
115	43.1	18.2	27.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF081536.D
Acq: 8 Sep 2015 22:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.0	75.2	112.8
160	44.5	31.5	47.3

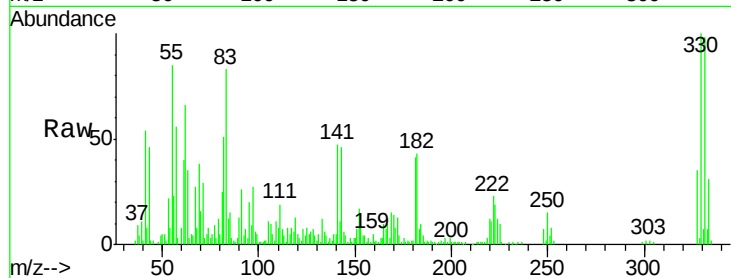




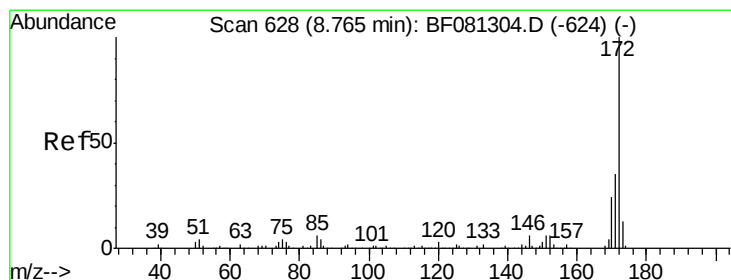
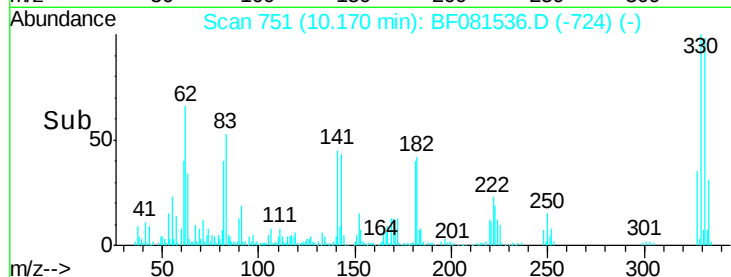
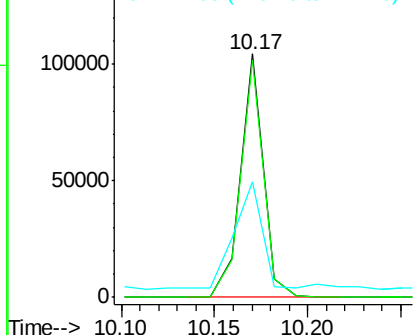
#41
 2,4,6-Tribromophenol
 Concen: 134.77 ng
 RT: 10.17 min Scan# 751
 Delta R.T. 0.01 min
 Lab File: BF081536.D
 Acq: 8 Sep 2015 22:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 88952
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 114.8
 141 53.4 29.7 44.5#

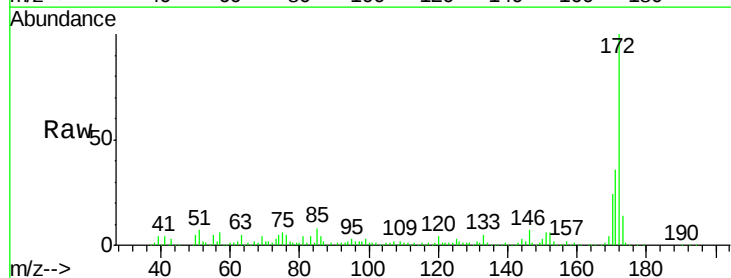


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

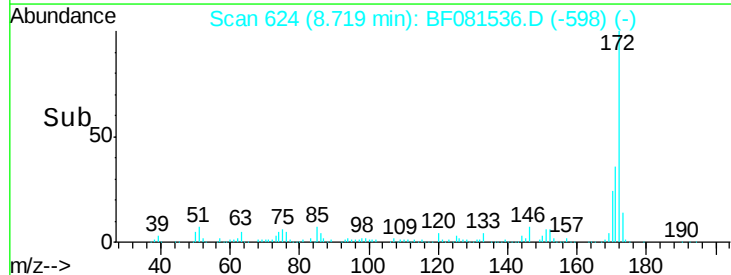
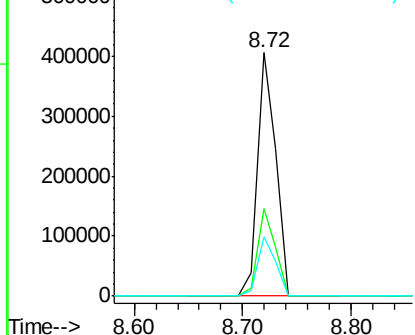


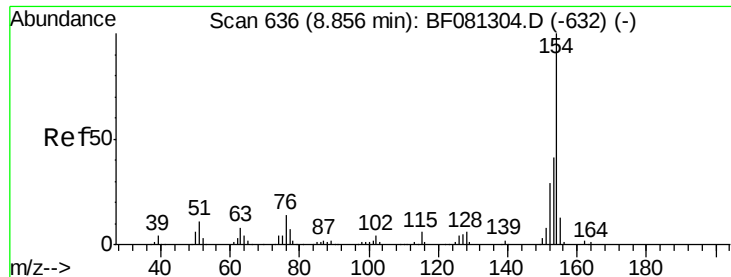
#44
 2-Fluorobiphenyl
 Concen: 82.63 ng
 RT: 8.72 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF081536.D
 Acq: 8 Sep 2015 22:26

Tgt Ion:172 Resp: 477981
 Ion Ratio Lower Upper
 172 100
 171 35.9 26.1 39.1
 170 24.2 17.4 26.2



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: 86.76 ng

RT: 8.82 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF081536.D

Acq: 8 Sep 2015 22:26

Instrument :

BNA_F

ClientSampleId :

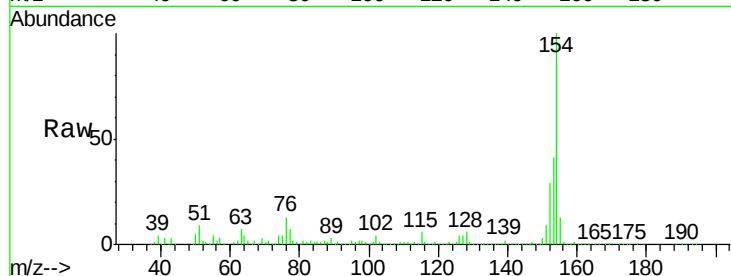
Tot Ion:154 Resp: 591704

Ion Ratio Lower Upper

154 100

153 40.6 17.1 57.1

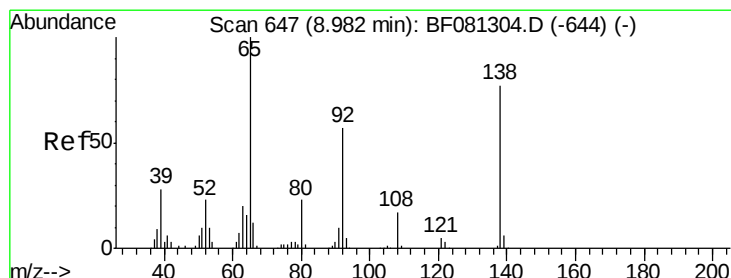
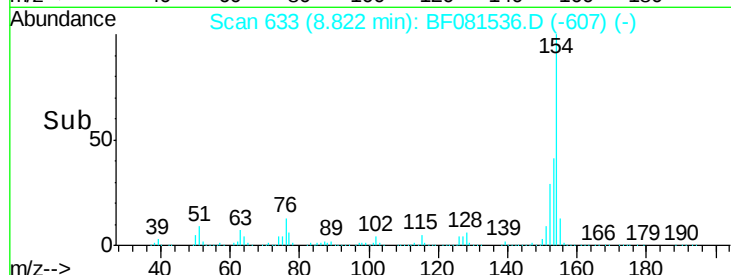
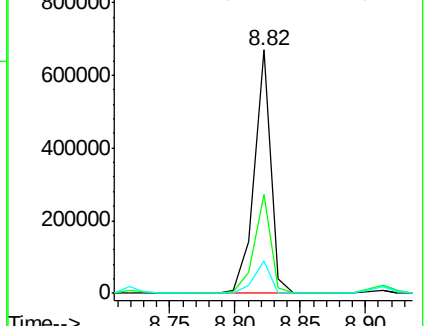
76 13.1 0.0 31.6



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): E



#47

2-Nitroaniline

Concen: 4.00 ng

RT: 8.91 min Scan# 641

Delta R.T. -0.03 min

Lab File: BF081536.D

Acq: 8 Sep 2015 22:26

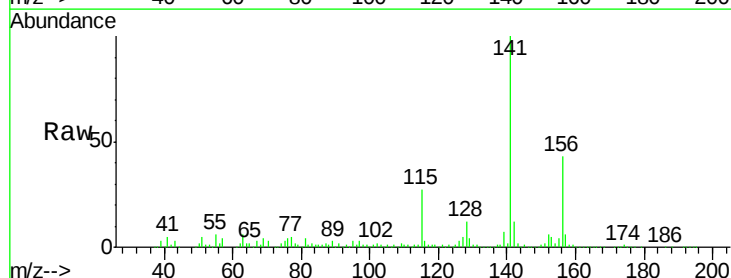
Tgt Ion: 65 Resp: 8031

Ion Ratio Lower Upper

65 100

92 15.1 55.4 83.0#

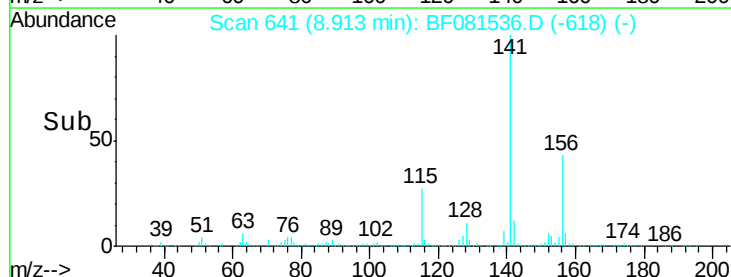
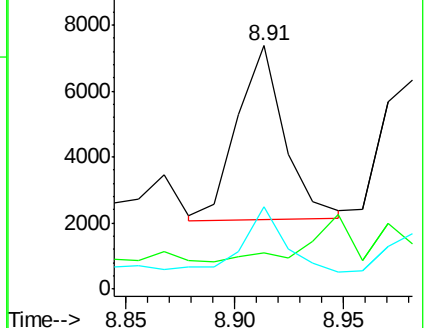
138 33.8 115.5 173.3#

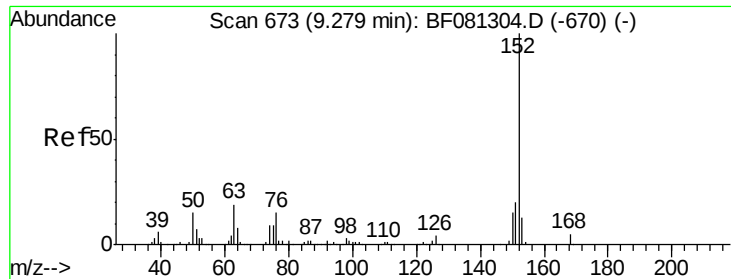


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 37.79 ng

RT: 9.24 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF081536.D

Acq: 8 Sep 2015 22:26

Instrument :

BNA_F

ClientSampleId :

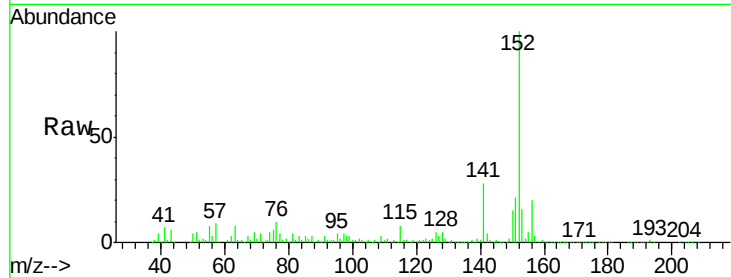
Tot Ion:152 Resp: 330194

Ion Ratio Lower Upper

152 100

151 21.0 14.6 22.0

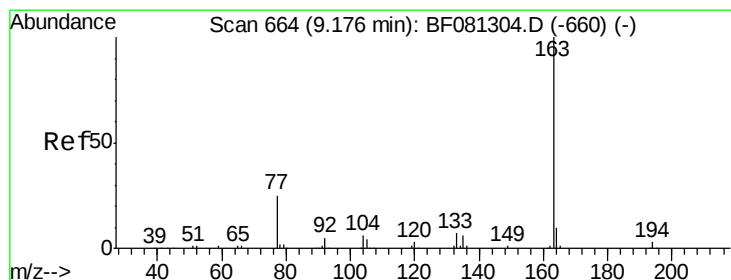
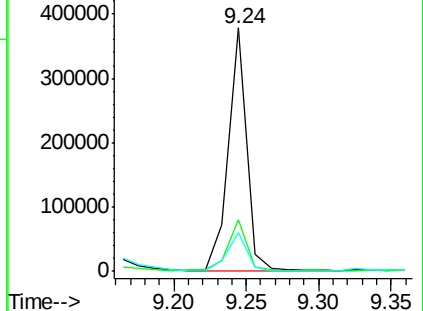
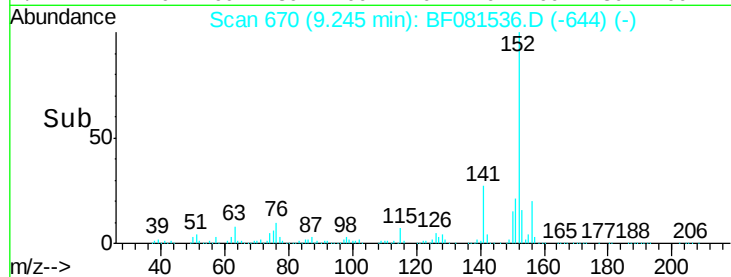
153 16.1 10.3 15.5#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 20.31 ng

RT: 9.13 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF081536.D

Acq: 8 Sep 2015 22:26

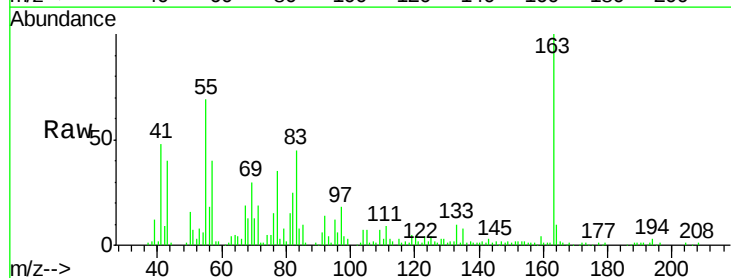
Tgt Ion:163 Resp: 116988

Ion Ratio Lower Upper

163 100

194 3.0 4.4 6.6#

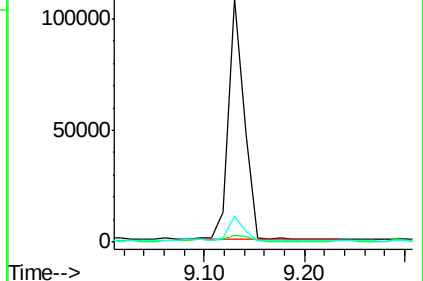
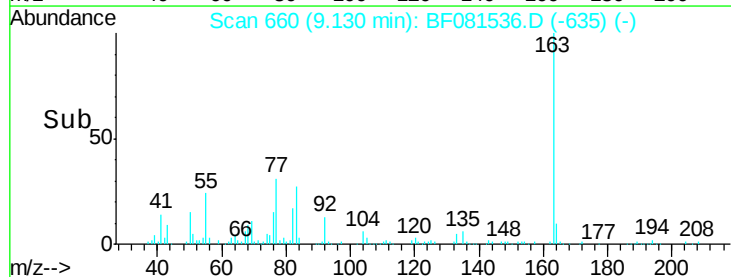
164 10.5 8.3 12.5

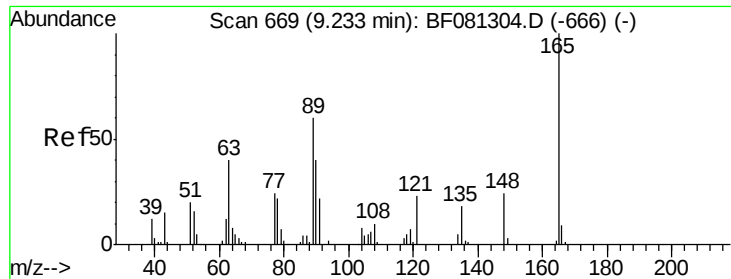


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

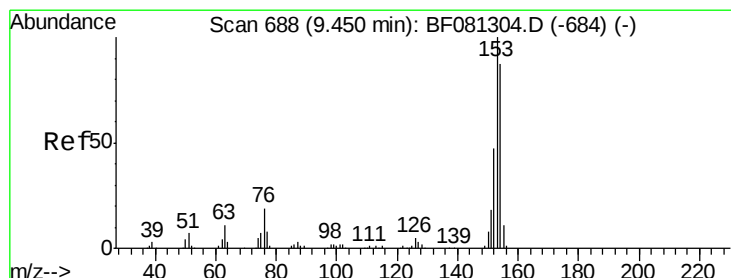
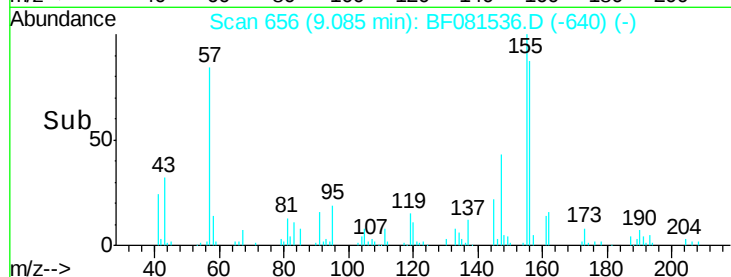
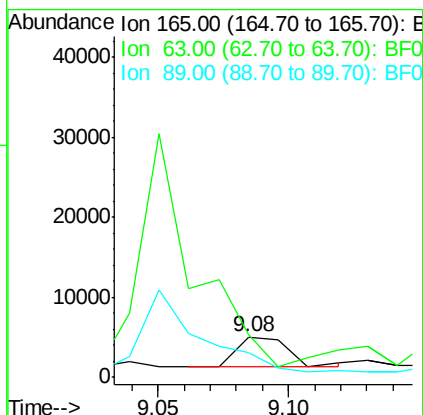
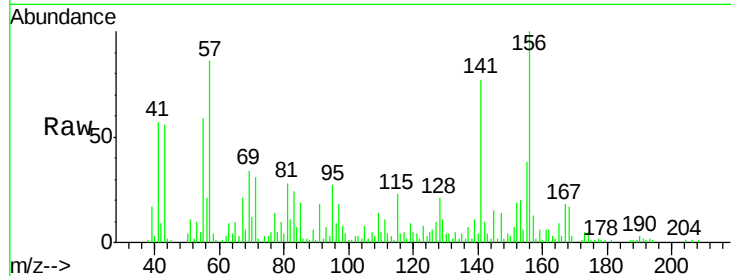




#50
 2,6-Dinitrotoluene
 Concen: 4.05 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.11 min
 Lab File: BF081536.D
 Acq: 8 Sep 2015 22:26

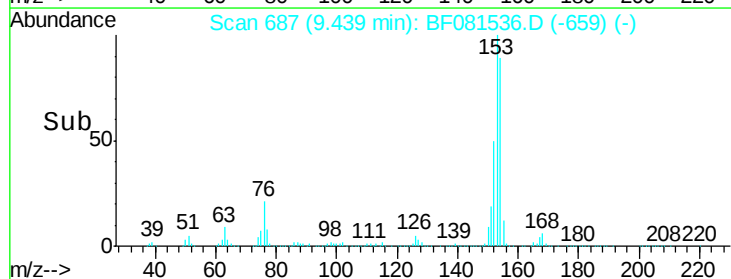
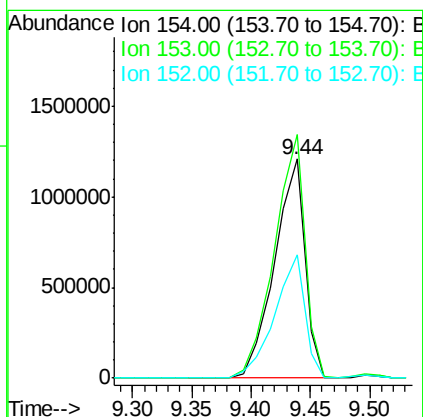
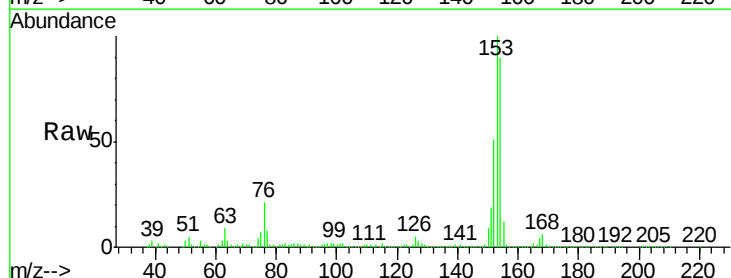
Instrument :
 BNA_F
 ClientSampleId :

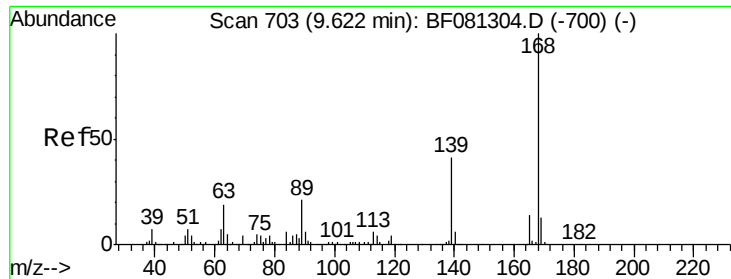
Tot Ion:165 Resp: 5297
 Ion Ratio Lower Upper
 165 100
 63 104.3 32.3 48.5#
 89 62.7 28.6 43.0#



#51
 Acenaphthene
 Concen: 429.26 ng
 RT: 9.44 min Scan# 687
 Delta R.T. 0.02 min
 Lab File: BF081536.D
 Acq: 8 Sep 2015 22:26

Tgt Ion:154 Resp: 2133583
 Ion Ratio Lower Upper
 154 100
 153 111.1 82.1 123.1
 152 56.4 37.9 56.9

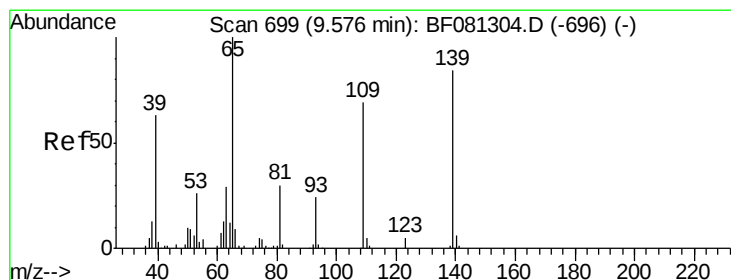
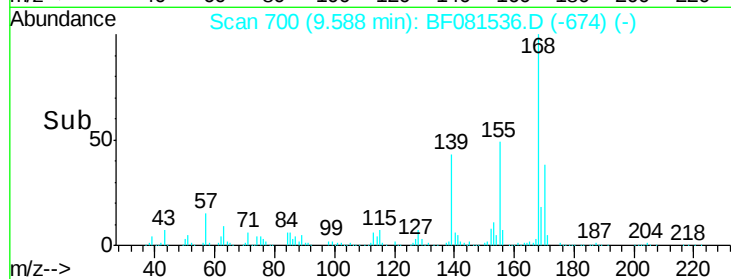
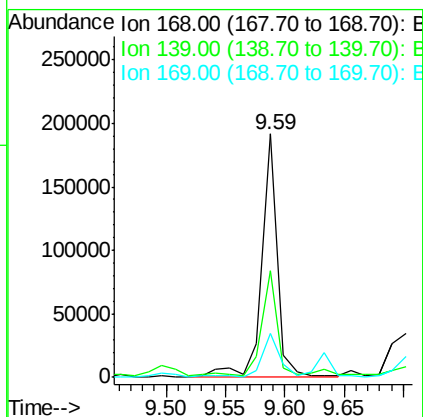
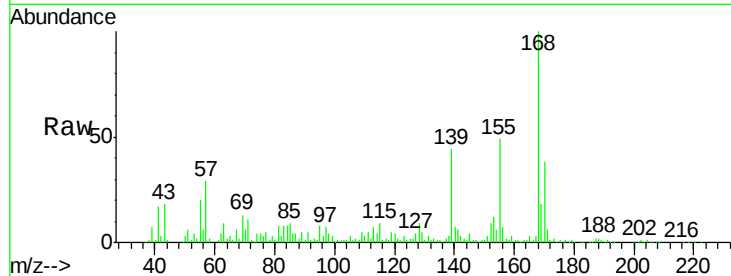




#54
Dibenzofuran
Concen: 24.06 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF081536.D
Acq: 8 Sep 2015 22:26

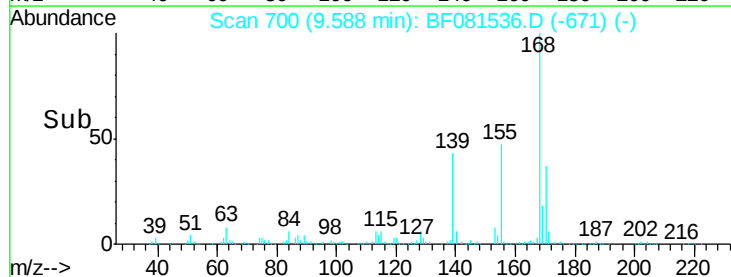
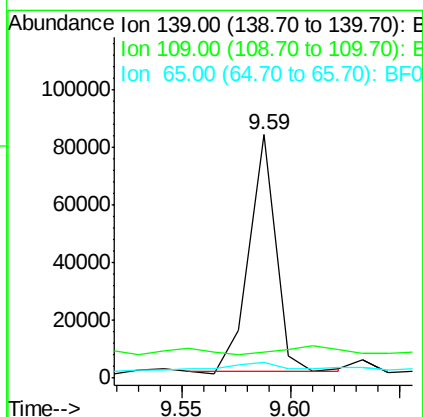
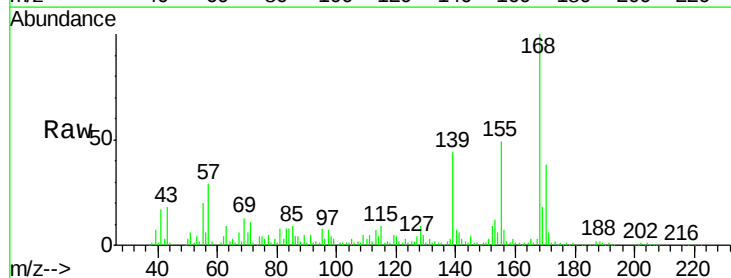
Instrument :
BNA_F
ClientSampleId :

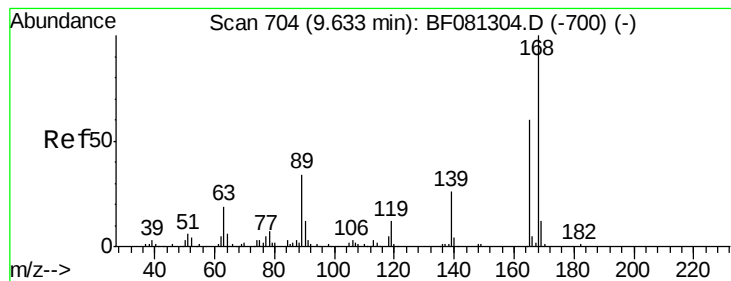
Tot Ion:168 Resp: 174626
Ion Ratio Lower Upper
168 100
139 44.0 24.2 36.2#
169 18.3 10.6 15.8#



#55
4-Nitrophenol
Concen: 75.09 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.03 min
Lab File: BF081536.D
Acq: 8 Sep 2015 22:26

Tgt Ion:139 Resp: 70196
Ion Ratio Lower Upper
139 100
109 10.8 12.7 52.7#
65 6.4 45.9 85.9#

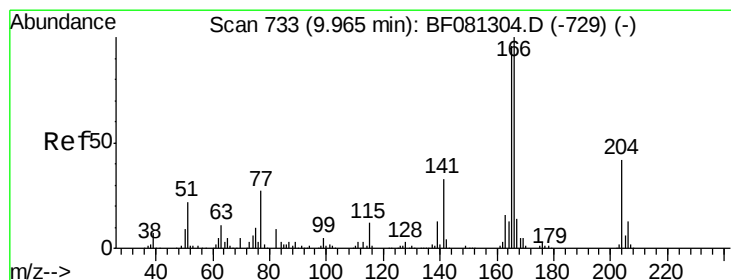
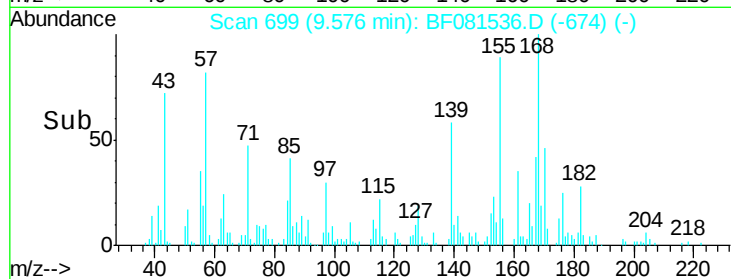
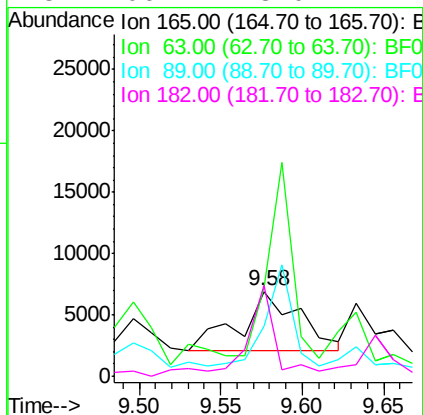
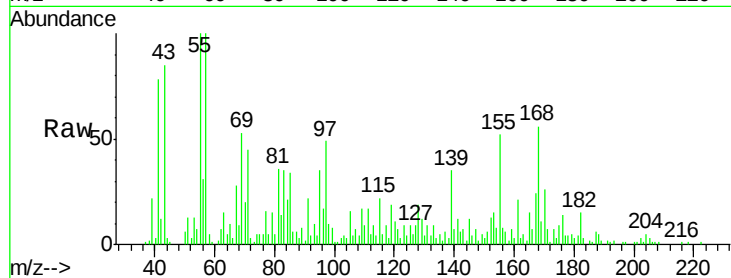




#56
 2,4-Dinitrotoluene
 Concen: 7.44 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF081536.D
 Acq: 8 Sep 2015 22:26

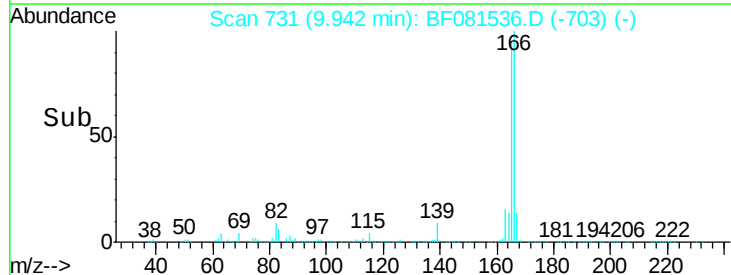
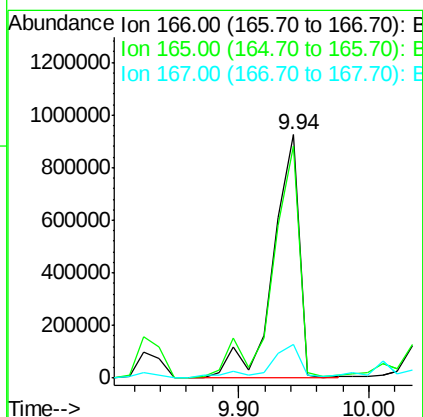
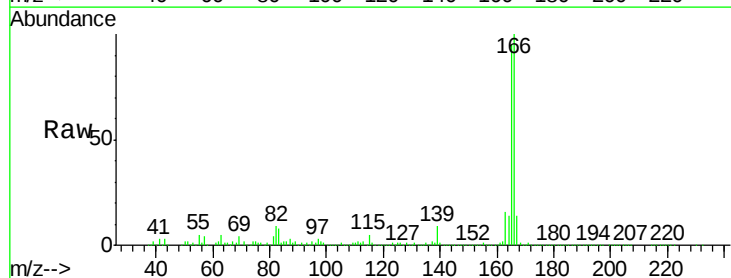
Instrument :
 BNA_F
 ClientSampleId :

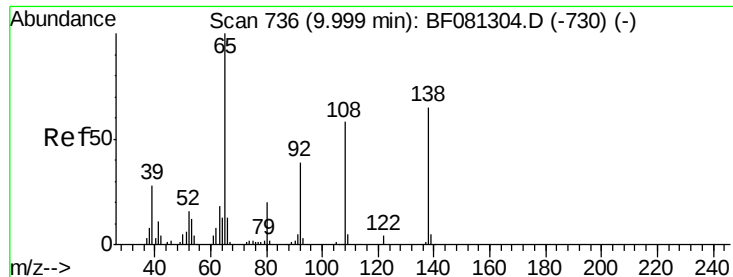
Tot Ion:	165	Resp:	12375
Ion	Ratio	Lower	Upper
165	100		
63	104.6	29.8	44.6#
89	58.6	44.5	66.7
182	106.7	3.0	4.4#



#57
 Fluorene
 Concen: 234.16 ng
 RT: 9.94 min Scan# 731
 Delta R.T. 0.02 min
 Lab File: BF081536.D
 Acq: 8 Sep 2015 22:26

Tgt Ion:	166	Resp:	1289691
Ion	Ratio	Lower	Upper
166	100		
165	95.3	72.6	109.0
167	14.0	10.6	16.0

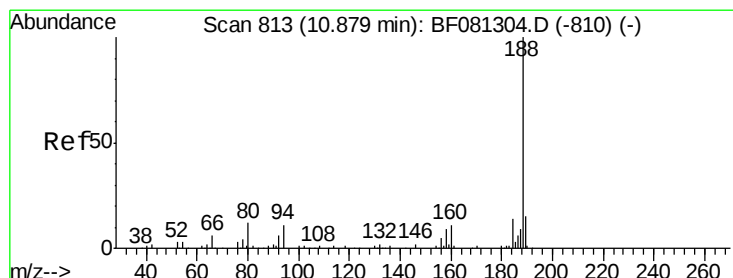
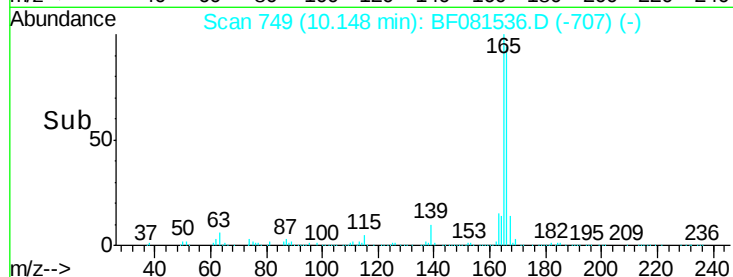
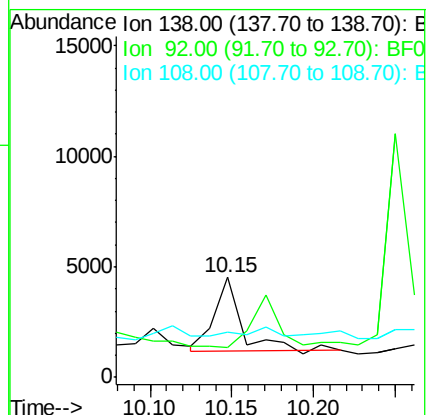
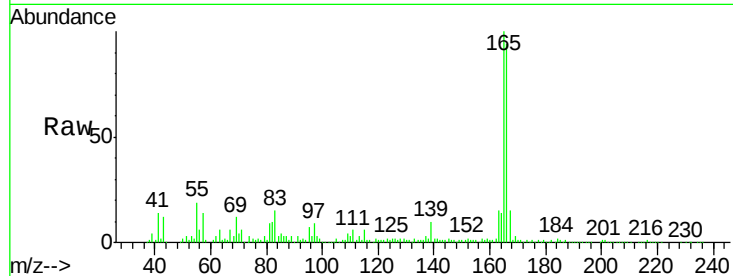




#61
4-Nitroaniline
Concen: 2.62 ng
RT: 10.15 min Scan# 749
Delta R.T. 0.18 min
Lab File: BF081536.D
Acq: 8 Sep 2015 22:26

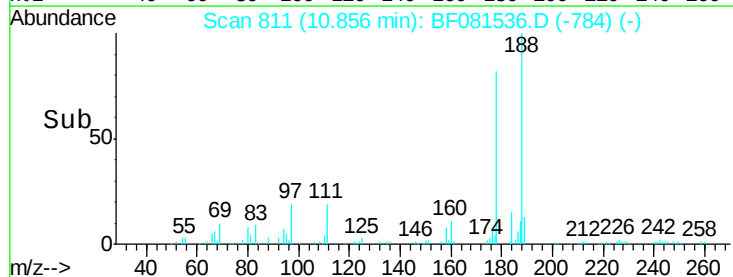
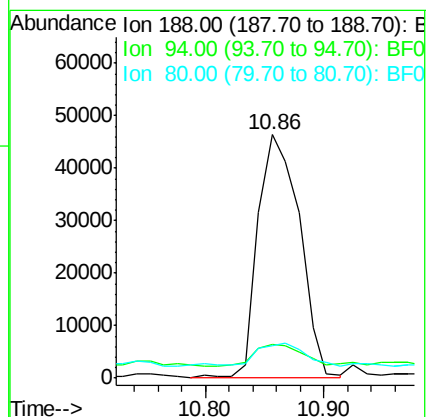
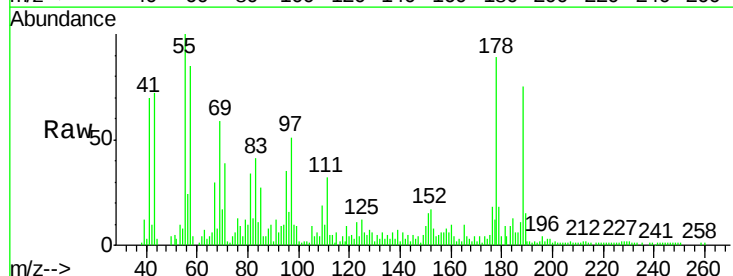
Instrument :
BNA_F
ClientSampled :

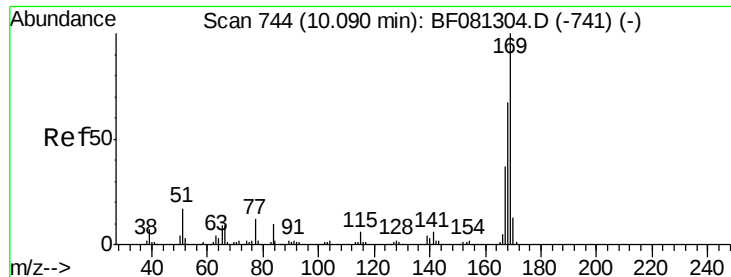
Tot Ion:138 Resp: 3945
Ion Ratio Lower Upper
138 100
92 29.8 12.6 52.6
108 45.0 12.4 52.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF081536.D
Acq: 8 Sep 2015 22:26

Tgt Ion:188 Resp: 113491
Ion Ratio Lower Upper
188 100
94 13.7 11.1 16.7
80 13.6 11.0 16.4

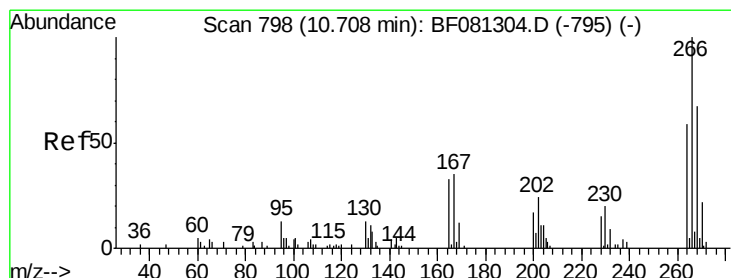
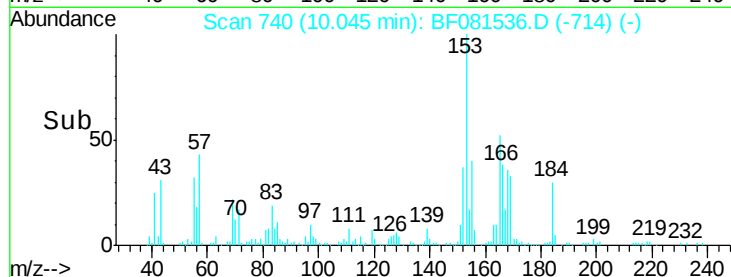
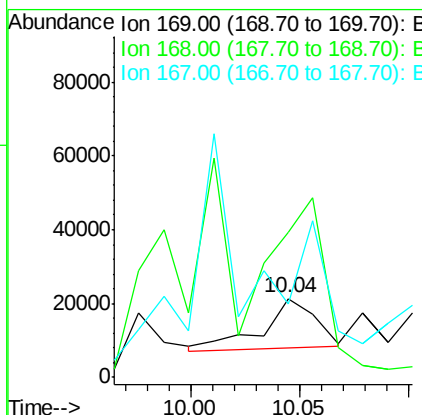
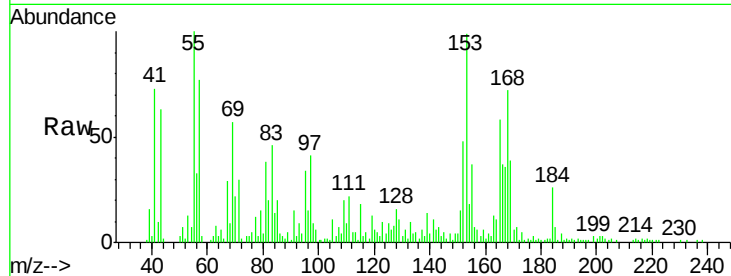




#65
 n-Nitrosodiphenylamine
 Concen: 5.51 ng
 RT: 10.04 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF081536.D
 Acq: 8 Sep 2015 22:26

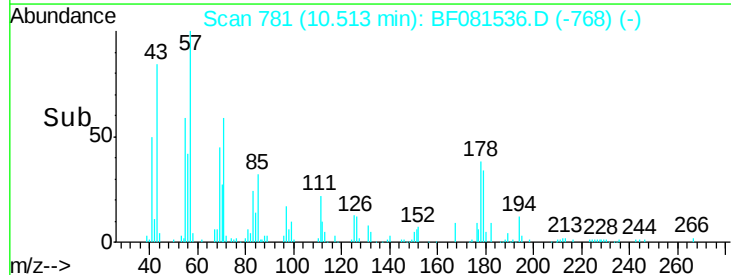
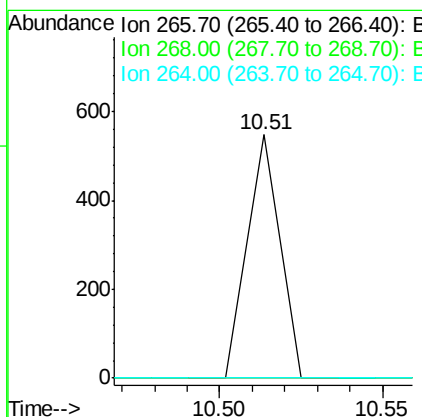
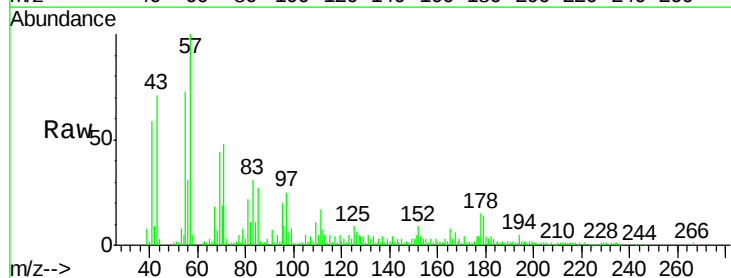
Instrument :
 BNA_F
 ClientSampled :

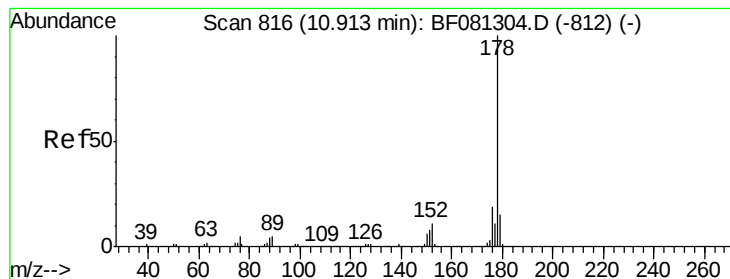
Tot Ion:169 Resp: 22749
 Ion Ratio Lower Upper
 169 100
 168 184.6 48.9 73.3#
 167 93.0 26.2 39.4#



#69
 Pentachlorophenol
 Concen: 9.32 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.15 min
 Lab File: BF081536.D
 Acq: 8 Sep 2015 22:26

Tgt Ion:266 Resp: 376
 Ion Ratio Lower Upper
 266 100
 268 0.0 49.8 74.6#
 264 0.0 50.2 75.2#





#70

Phenanthrene

Concen: 129.09 ng

RT: 10.95 min Scan# 819

Delta R.T. 0.08 min

Lab File: BF081536.D

Acq: 8 Sep 2015 22:26

Instrument :

BNA_F

ClientSampleId :

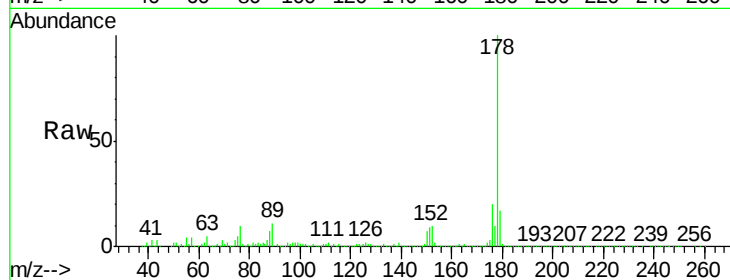
Tot Ion:178 Resp: 814505

Ion Ratio Lower Upper

178 100

176 19.8 13.8 20.8

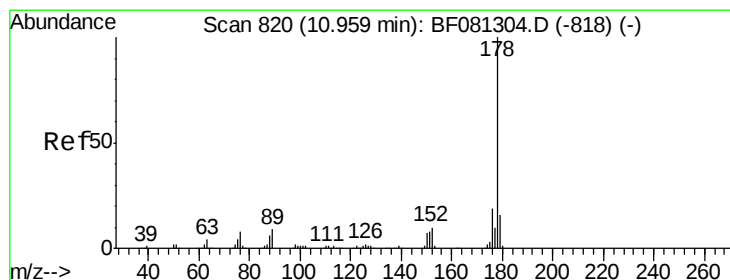
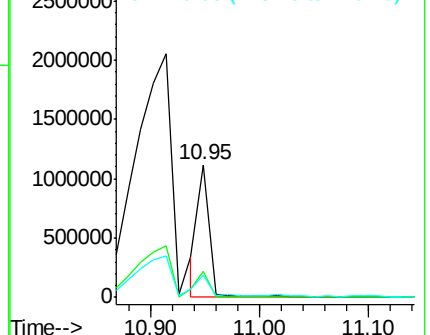
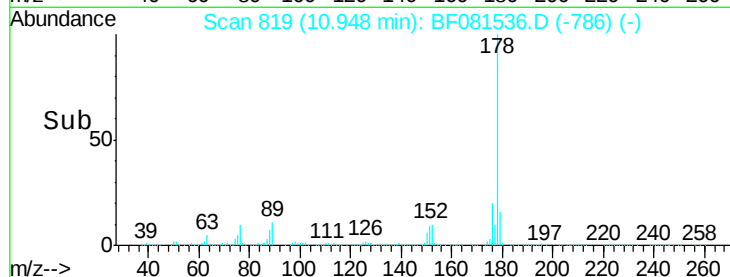
179 16.8 12.2 18.2



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: 125.65 ng

RT: 10.95 min Scan# 819

Delta R.T. 0.03 min

Lab File: BF081536.D

Acq: 8 Sep 2015 22:26

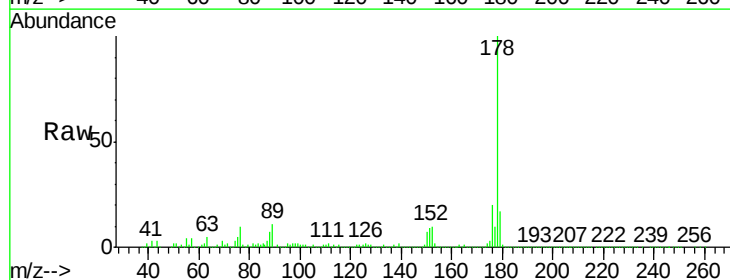
Tgt Ion:178 Resp: 814505

Ion Ratio Lower Upper

178 100

176 19.8 14.1 21.1

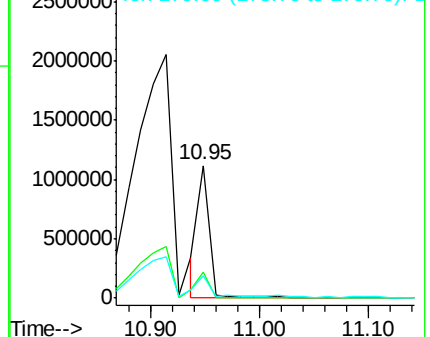
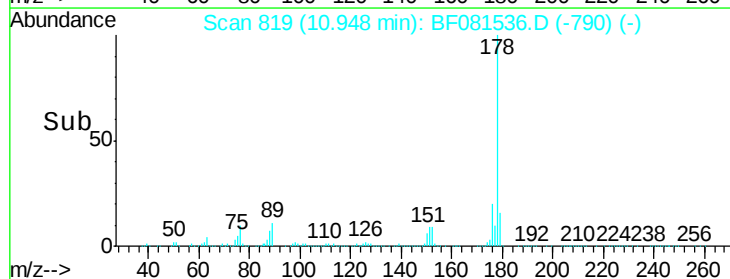
179 16.8 12.2 18.2

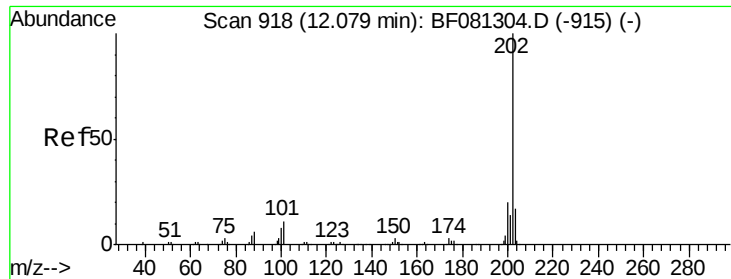


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 278.03 ng

RT: 12.07 min Scan# 917

Delta R.T. 0.03 min

Lab File: BF081536.D

Acq: 8 Sep 2015 22:26

Instrument :

BNA_F

ClientSampleId :

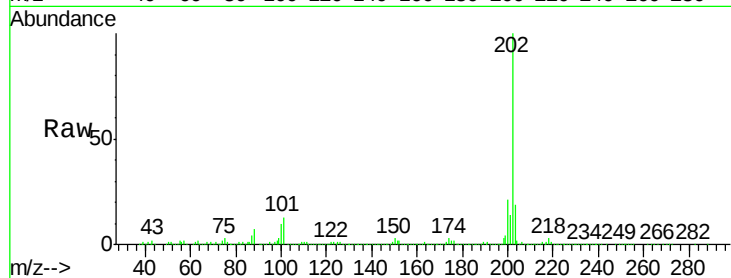
Tot Ion:202 Resp: 1899013

Ion Ratio Lower Upper

202 100

101 13.2 0.0 38.3

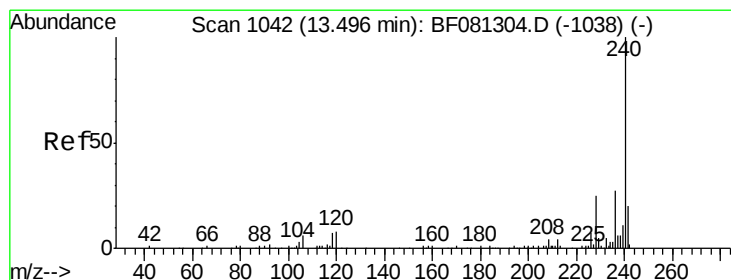
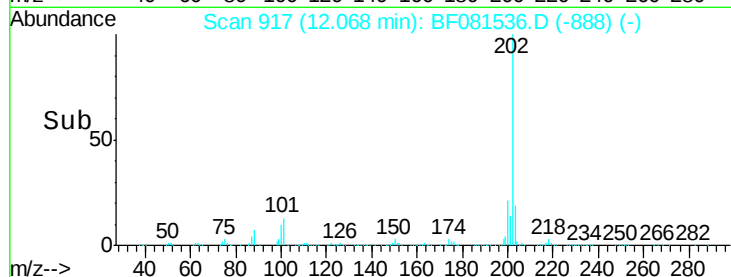
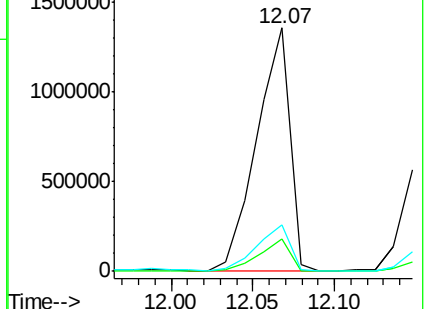
203 19.2 0.0 37.3



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: 13.46 min Scan# 1039

Delta R.T. 0.01 min

Lab File: BF081536.D

Acq: 8 Sep 2015 22:26

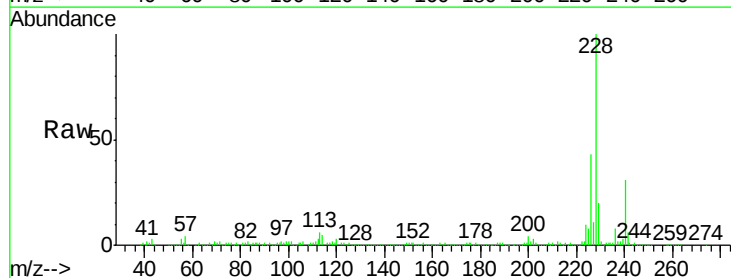
Tgt Ion:240 Resp: 100493

Ion Ratio Lower Upper

240 100

120 9.7 16.2 24.2#

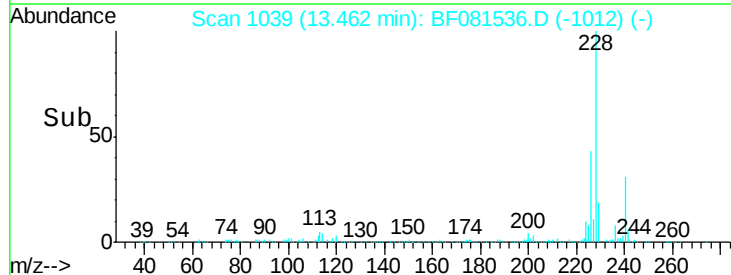
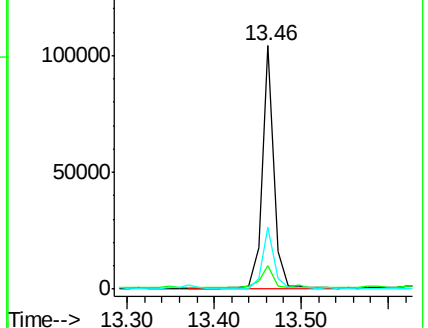
236 25.4 18.4 27.6

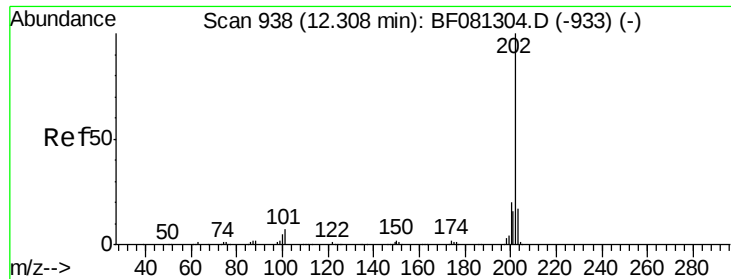


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

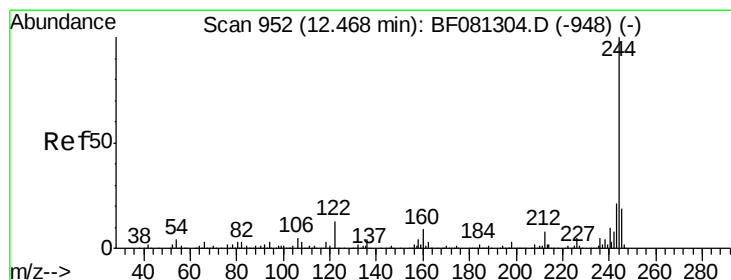
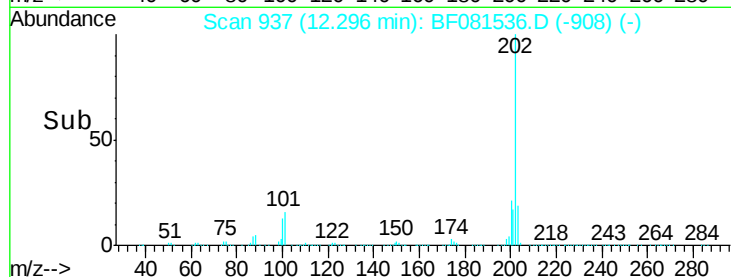
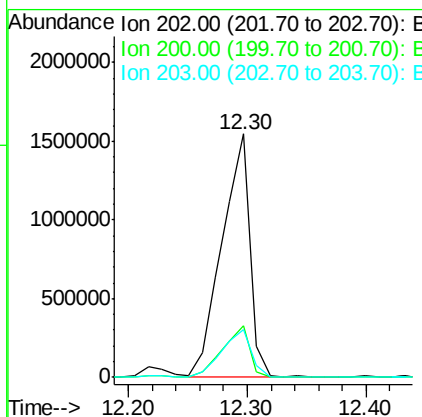
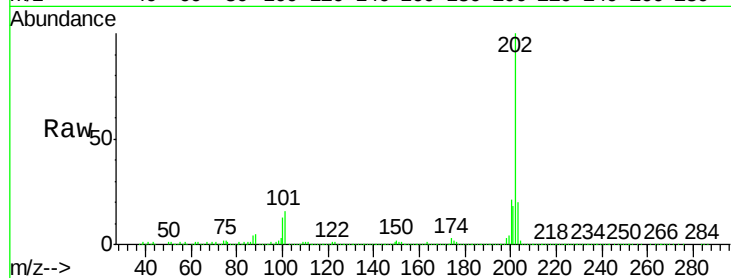




#77
Pvrene
Concen: 335.08 ng
RT: 12.30 min Scan# 937
Delta R.T. 0.03 min
Lab File: BF081536.D
Acq: 8 Sep 2015 22:26

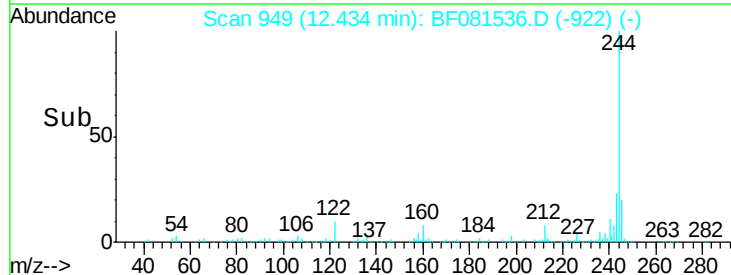
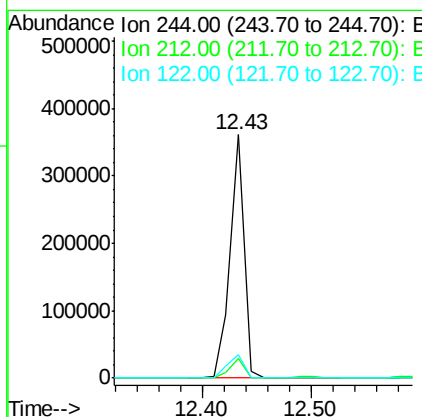
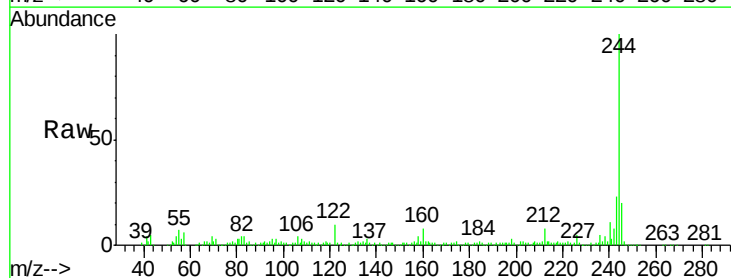
Instrument :
BNA_F
ClientSampleId :

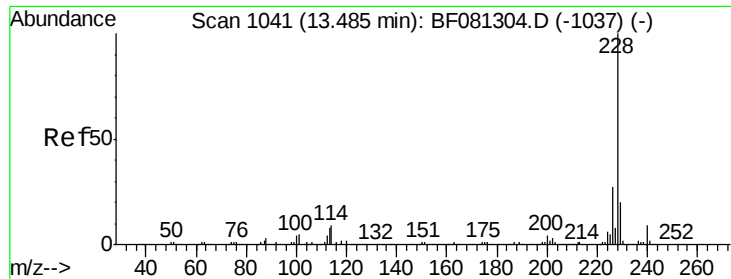
Tot Ion:202 Resp: 2494317
Ion Ratio Lower Upper
202 100
200 21.2 15.0 22.4
203 19.6 14.1 21.1



#78
Terphenyl-d14
Concen: 74.76 ng
RT: 12.43 min Scan# 949
Delta R.T. 0.01 min
Lab File: BF081536.D
Acq: 8 Sep 2015 22:26

Tgt Ion:244 Resp: 322752
Ion Ratio Lower Upper
244 100
212 7.9 4.3 6.5#
122 9.8 17.4 26.2#





#80

Benzo(a)anthracene

Concen: 123.62 ng

RT: 13.45 min Scan# 1038

Delta R.T. 0.01 min

Lab File: BF081536.D

Acq: 8 Sep 2015 22:26

Instrument :

BNA_F

ClientSampleId :

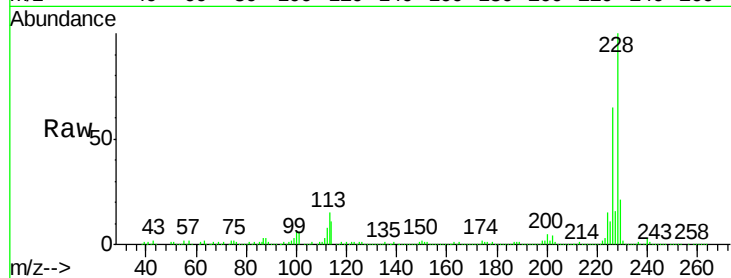
Tot Ion:228 Resp: 791149

Ion Ratio Lower Upper

228 100

226 65.4 20.0 30.0#

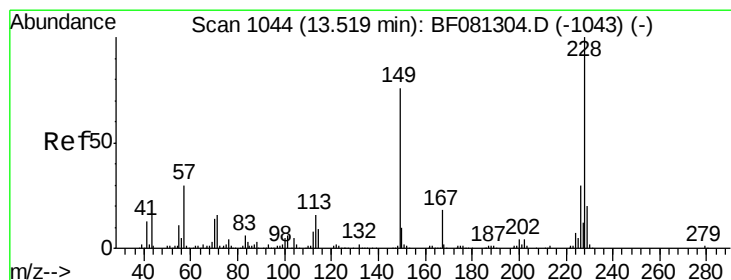
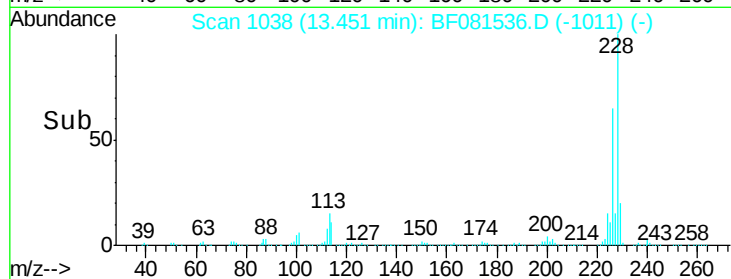
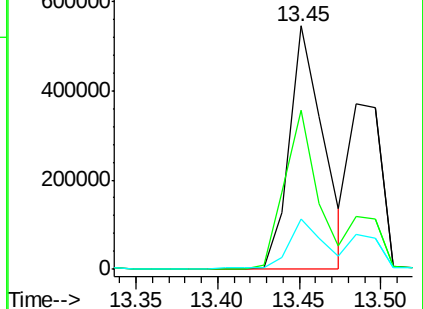
229 20.9 15.4 23.2



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: 137.91 ng

RT: 13.45 min Scan# 1038

Delta R.T. -0.02 min

Lab File: BF081536.D

Acq: 8 Sep 2015 22:26

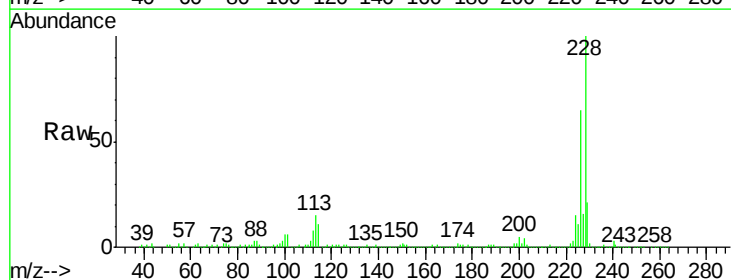
Tgt Ion:228 Resp: 791149

Ion Ratio Lower Upper

228 100

226 65.4 21.0 31.4#

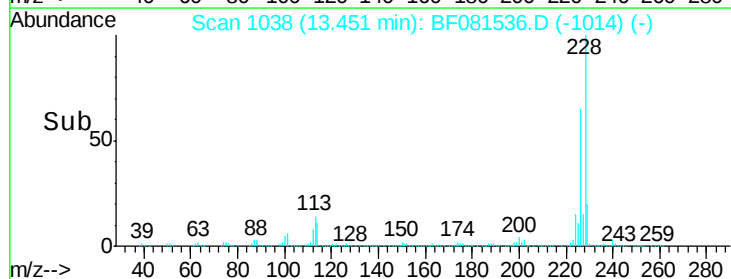
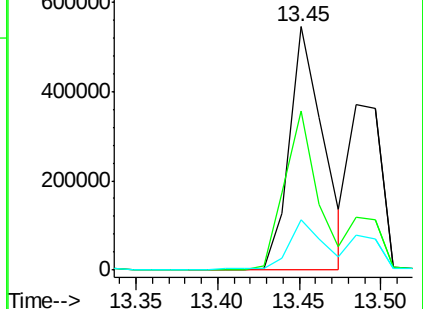
229 20.9 15.6 23.4

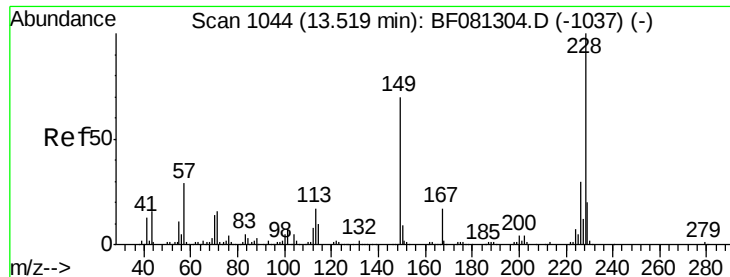


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

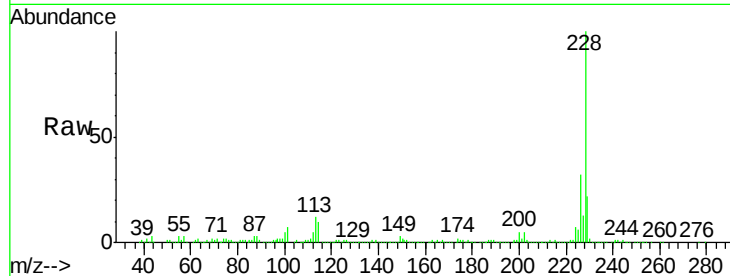




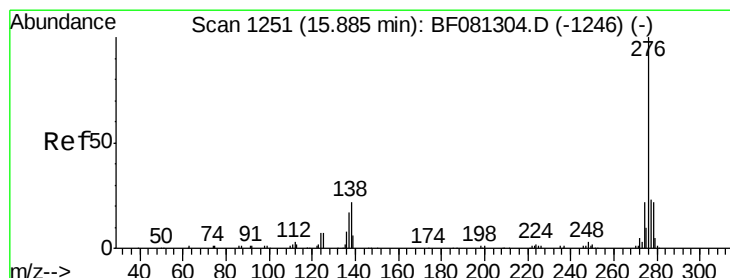
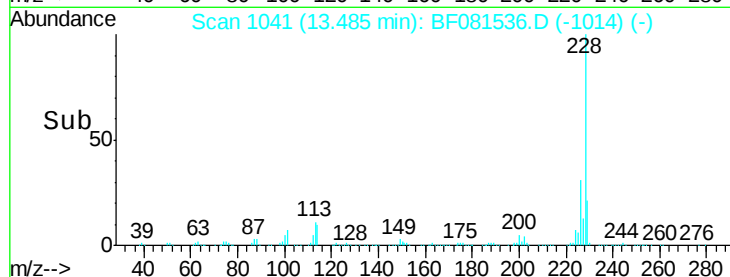
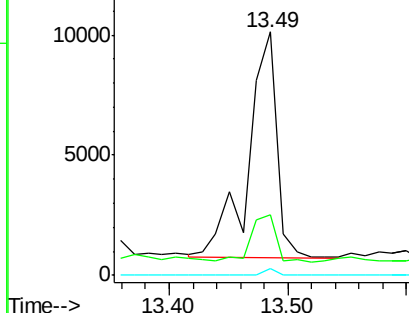
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.71 ng
 RT: 13.49 min Scan# 1041
 Delta R.T. 0.01 min
 Lab File: BF081536.D
 Acq: 8 Sep 2015 22:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 15840
 Ion Ratio Lower Upper
 149 100
 167 24.9 24.2 36.2
 279 3.0 3.8 5.6#

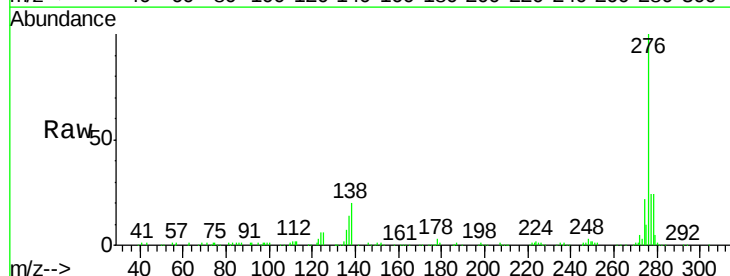


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

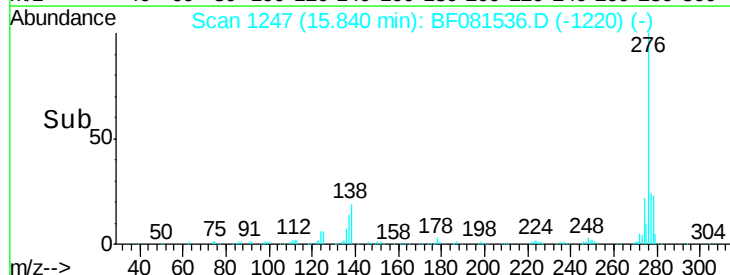
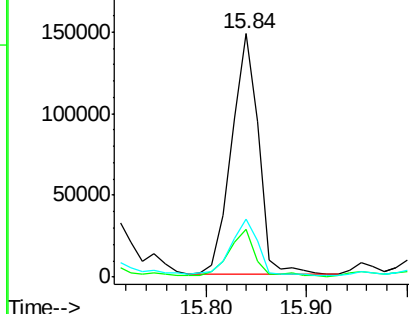


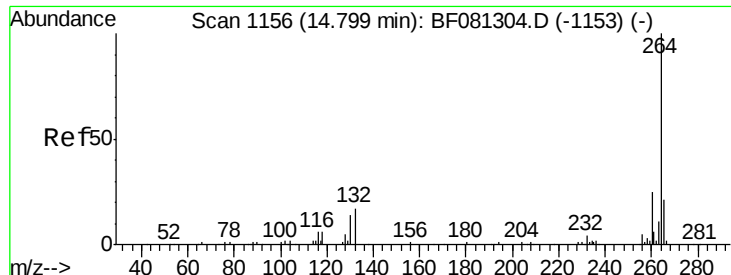
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 65.02 ng
 RT: 15.84 min Scan# 1247
 Delta R.T. 0.01 min
 Lab File: BF081536.D
 Acq: 8 Sep 2015 22:26

Tgt Ion:276 Resp: 273659
 Ion Ratio Lower Upper
 276 100
 138 18.2 25.7 38.5#
 277 24.6 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

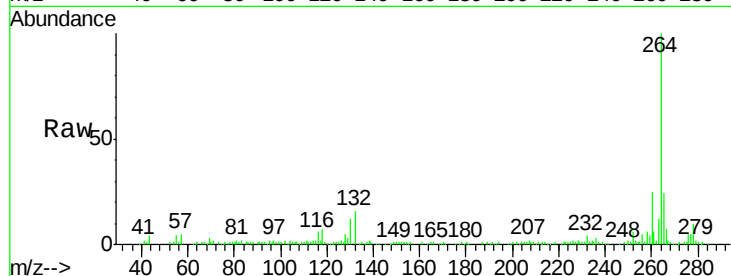




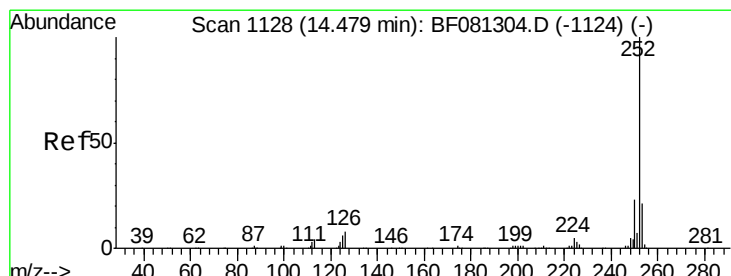
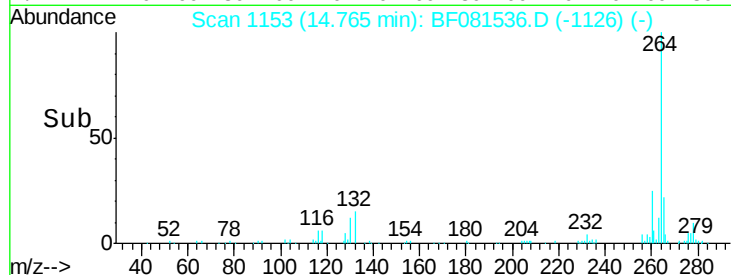
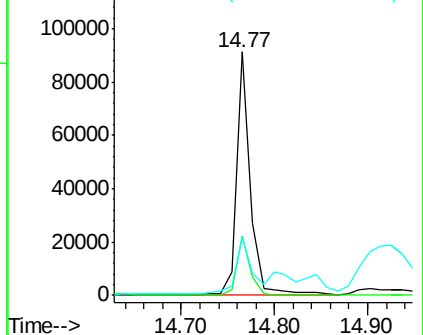
#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.01 min
Lab File: BF081536.D
Acq: 8 Sep 2015 22:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 95286
Ion Ratio Lower Upper
264 100
260 24.6 16.7 25.1
265 23.6 17.2 25.8

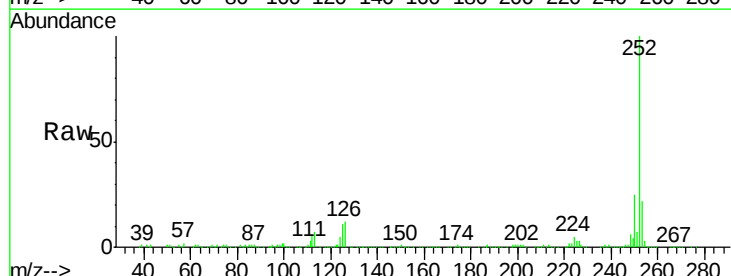


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

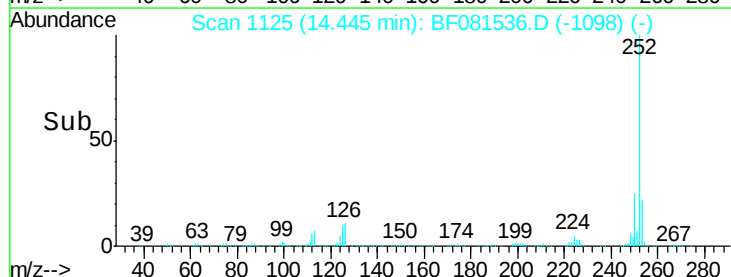
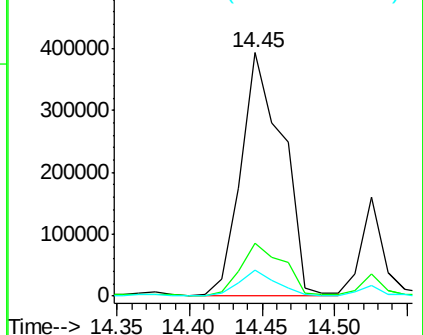


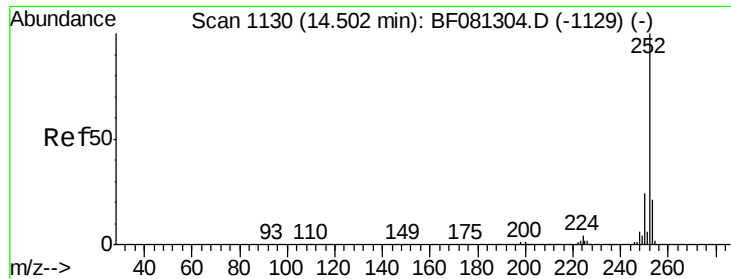
#87
Benzo(b)fluoranthene
Concen: 114.90 ng
RT: 14.45 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BF081536.D
Acq: 8 Sep 2015 22:26

Tgt Ion:252 Resp: 781639
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.6 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

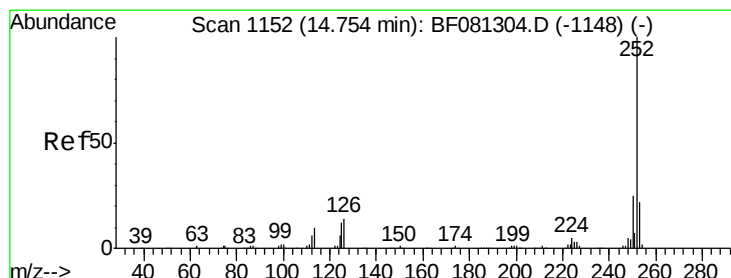
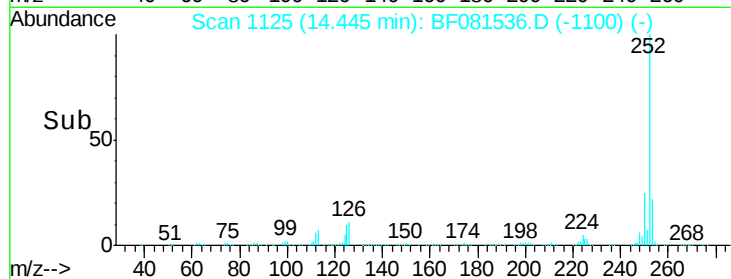
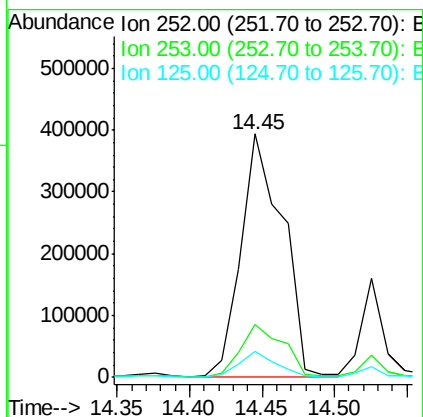
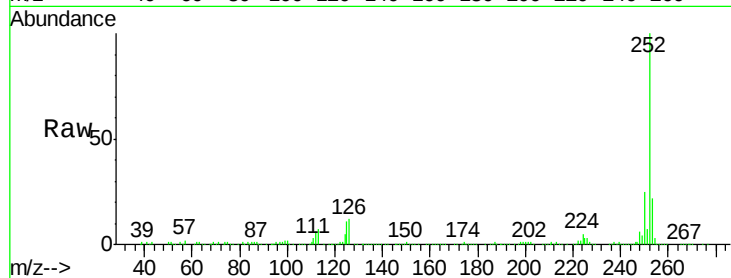




#88
Benzo(k)fluoranthene
Concen: 138.47 ng
RT: 14.45 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF081536.D
Acq: 8 Sep 2015 22:26

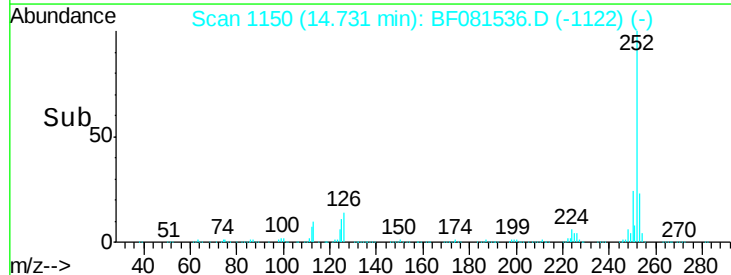
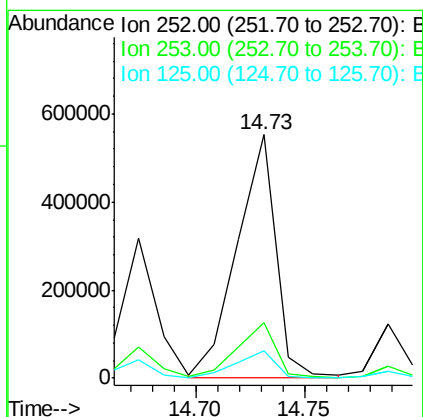
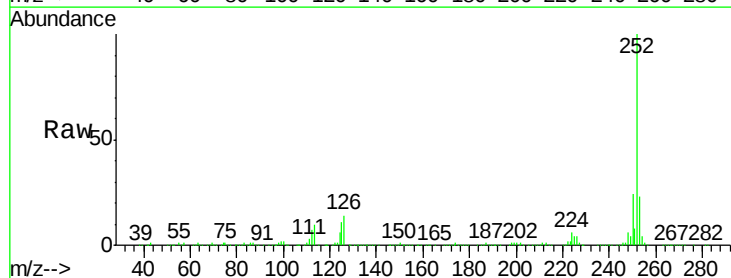
Instrument :
BNA_F
ClientSampleId :

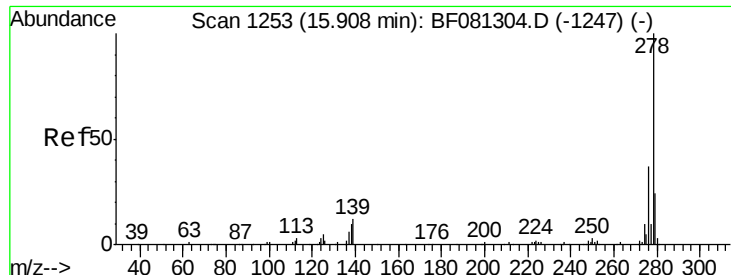
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.4
125	10.6	16.0	24.0



#89
Benzo(a)pyrene
Concen: 118.43 ng
RT: 14.73 min Scan# 1150
Delta R.T. 0.02 min
Lab File: BF081536.D
Acq: 8 Sep 2015 22:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	11.1	18.0	27.0





#90

Dibenzo(a,h)anthracene

Concen: 13.88 ng

RT: 15.84 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BF081536.D

Acq: 8 Sep 2015 22:26

Instrument :

BNA_F

ClientSampleId :

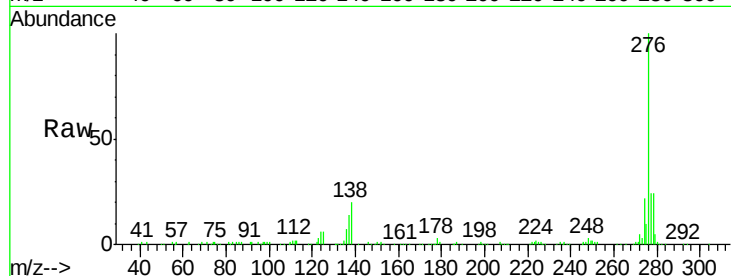
Tot Ion:278 Resp: 61816

Ion Ratio Lower Upper

278 100

139 0.0 26.3 39.5#

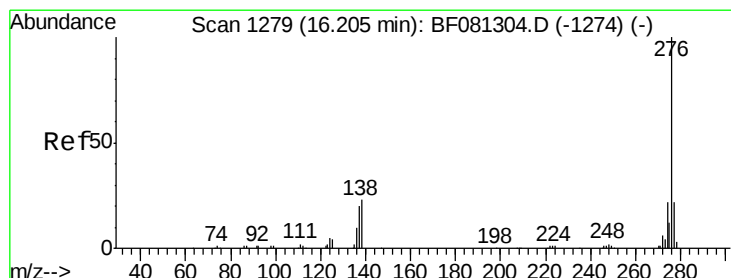
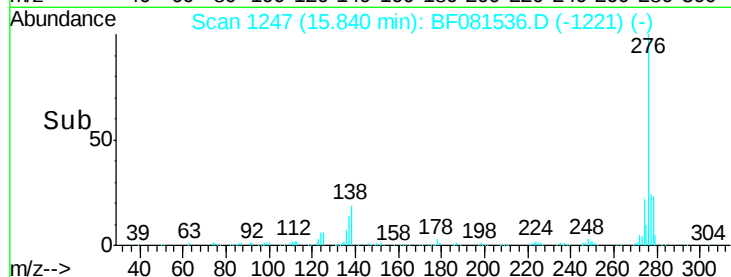
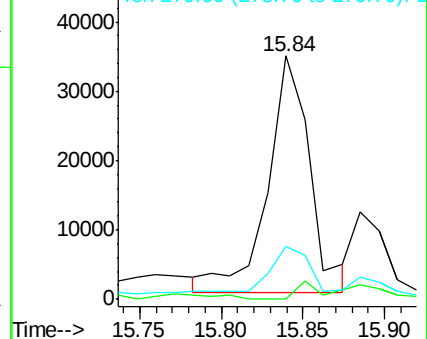
279 21.5 18.2 27.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 68.70 ng

RT: 16.16 min Scan# 1275

Delta R.T. 0.02 min

Lab File: BF081536.D

Acq: 8 Sep 2015 22:26

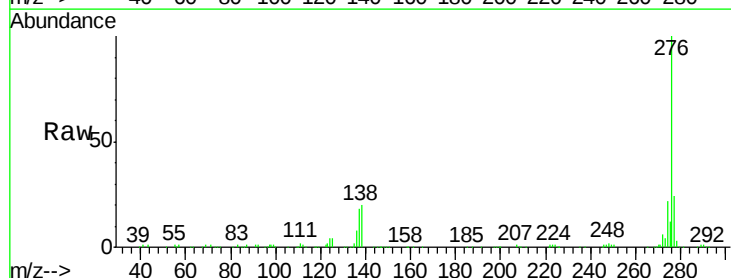
Tgt Ion:276 Resp: 292082

Ion Ratio Lower Upper

276 100

277 23.8 17.8 26.6

138 20.3 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

