

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100915\
 Data File : BF082154.D
 Acq On : 9 Oct 2015 19:42
 Operator : UM/IZ
 Sample : G3889-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 22:52:49 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	6.85	152	97933	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	293589	20.00	ng	0.01
38) Acenaphthene-d10	9.90	164	150532	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	260319	20.00	ng	0.00
75) Chrysene-d12	14.02	240	222290	20.00	ng	-0.01
86) Perylene-d12	15.46	264	192091	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	742300	137.60	ng	0.02
7) Phenol-d6	6.49	99	918298	135.27	ng	0.00
23) Nitrobenzene-d5	7.43	82	630418	143.14	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	166188	109.01	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	977808	117.15	ng	0.00
78) Terphenyl-d14	12.97	244	839043	157.07	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	7.01	79	17324	3.54	ng	# 35
18) Hexachloroethane	7.31	117	14857	6.46	ng	# 1
22) Acetophenone	7.25	105	41382	6.89	ng	# 48
24) Nitrobenzene	7.50	77	12233	2.56	ng	# 28
31) Naphthalene	8.18	128	5432989	417.63	ng	# 92
32) Benzoic acid	7.93	122	4917	9.07	ng	# 1
33) 4-Chloroaniline	8.18	127	820467	145.85	ng	# 34
35) Caprolactam	8.57	113	52962	48.85	ng	# 7
37) 2-Methylnaphthalene	8.87	142	1254926	141.32	ng	# 89
48) Acenaphthylene	9.76	152	47951	3.29	ng	# 48
49) Dimethylphthalate	9.62	163	237371	22.84	ng	# 99
50) 2,6-Dinitrotoluene	9.66	165	5530	2.45	ng	# 89
51) Acenaphthene	9.93	154	385440	44.47	ng	# 87
53) 2,4-Dinitrophenol	10.01	184	501	Below Cal		# 1
54) Dibenzofuran	10.10	168	74417	6.08	ng	# 33
55) 4-Nitrophenol	10.00	139	17807	9.44	ng	# 23
56) 2,4-Dinitrotoluene	10.10	165	19597	6.81	ng	# 61
57) Fluorene	10.45	166	330982	37.42	ng	# 92
64) 4,6-Dinitro-2-methylphenol	10.51	198	1149	2.34	ng	# 1
65) n-Nitrosodiphenylamine	10.56	169	84541	10.73	ng	# 83
70) Phenanthrene	11.42	178	969219	78.61	ng	# 95
71) Anthracene	11.46	178	388299	29.35	ng	# 97
73) Di-n-butylphthalate	11.94	149	6316	Below Cal		# 41
74) Fluoranthene	12.59	202	298486	21.40	ng	# 92
77) Pyrene	12.82	202	436133	32.84	ng	# 95
80) Benzo(a)anthracene	14.01	228	148521	12.41	ng	# 80
82) Chrysene	14.05	228	109965	8.08	ng	# 93
83) Bis(2-ethylhexyl)phthalate	14.00	149	12794	2.04	ng	# 99
85) Indeno(1,2,3-cd)pyrene	16.87	276	25876	2.76	ng	# 78
87) Benzo(b)fluoranthene	15.16	252	23162	2.11	ng	# 95
88) Benzo(k)fluoranthene	15.16	252	23162	2.30	ng	# 95
91) Benzo(a,h,i)perylene	17.30	276	27536	3.37	ng	# 74

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Response via : Initial Calibration

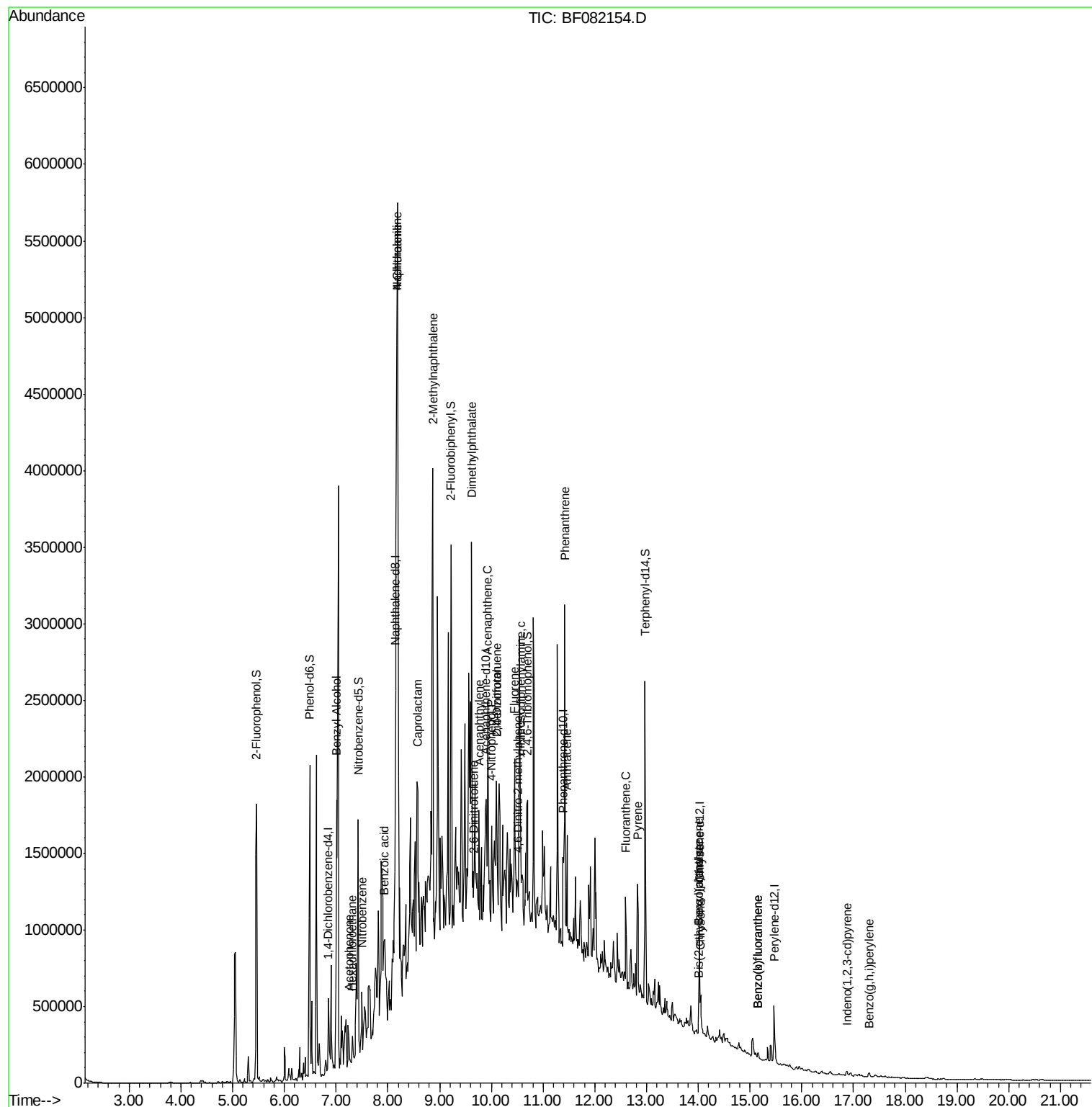
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

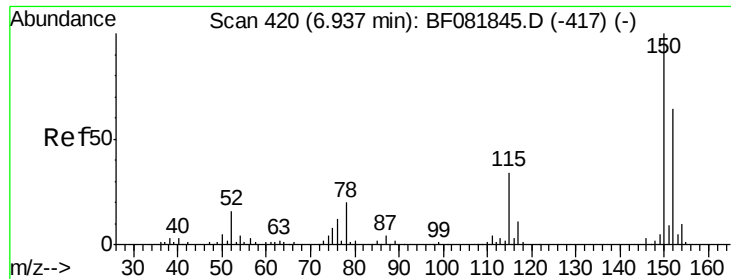
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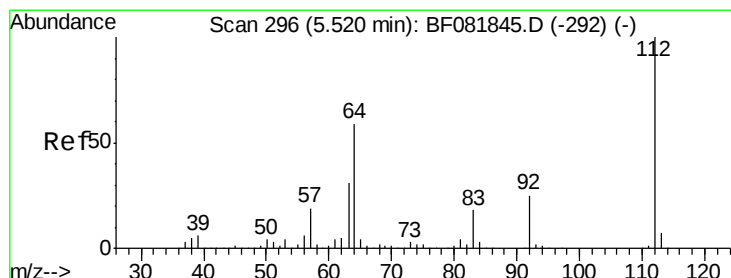
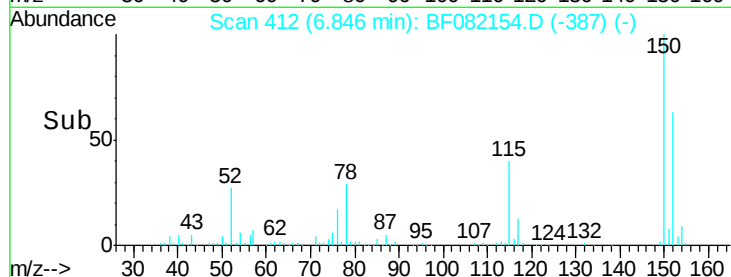
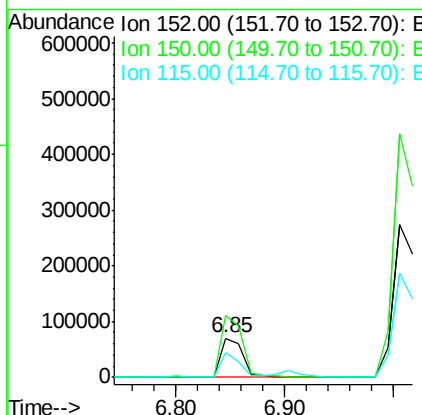
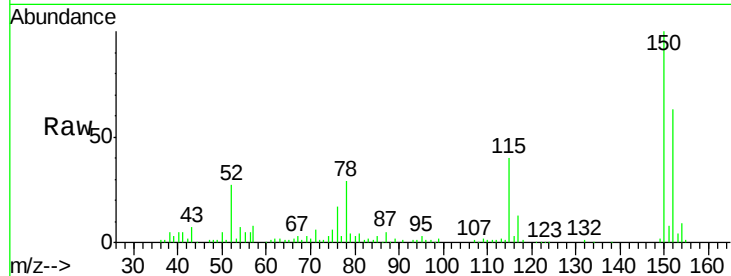


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 412
Delta R.T. -0.01 min
Lab File: BF082154.D
Acq: 9 Oct 2015 19:42

Instrument :
BNA_F
ClientSampled :

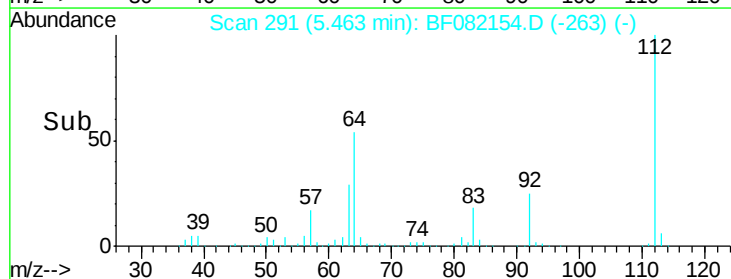
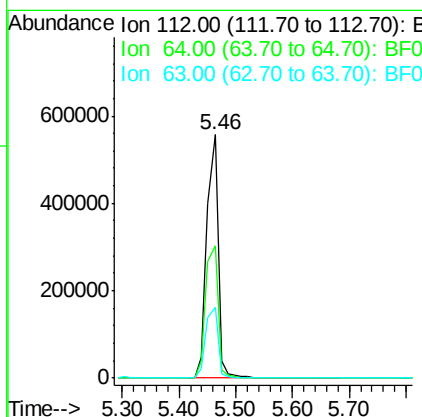
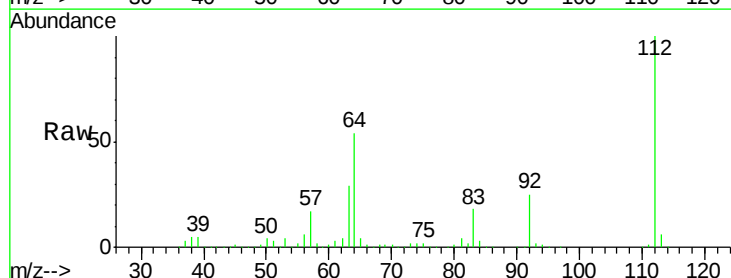
Tot Ion:152 Resp: 97933
Ion Ratio Lower Upper
152 100
150 157.5 124.7 187.1
115 63.6 39.0 58.4#

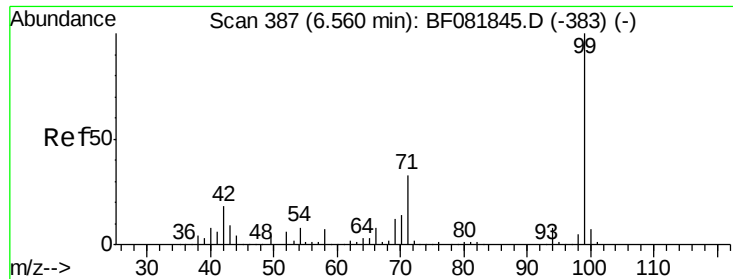


#5

2-Fluorophenol
Concen: 137.60 ng
RT: 5.46 min Scan# 291
Delta R.T. 0.02 min
Lab File: BF082154.D
Acq: 9 Oct 2015 19:42

Tgt Ion:112 Resp: 742300
Ion Ratio Lower Upper
112 100
64 54.1 39.7 59.5
63 29.1 17.4 26.0#





#7

Phenol-d6

Concen: 135.27 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082154.D

Acq: 9 Oct 2015 19:42

Instrument :

BNA_F

ClientSampleId :

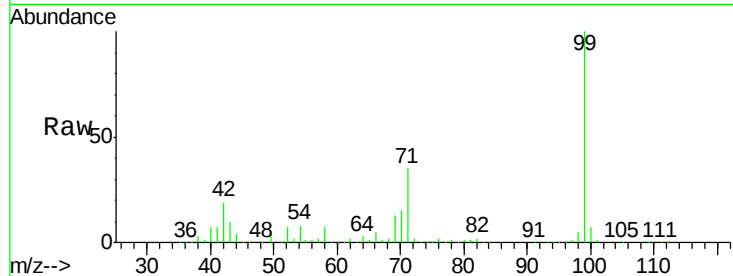
Tot Ion: 99 Resp: 918298

Ion Ratio Lower Upper

99 100

42 18.7 13.7 20.5

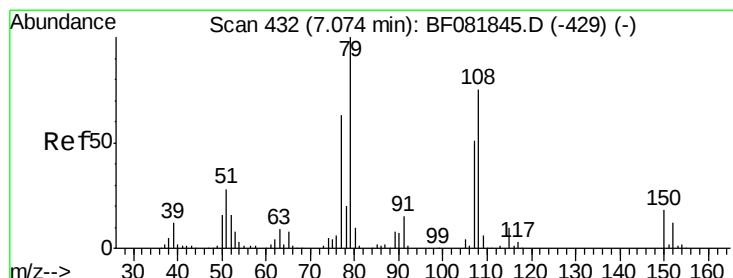
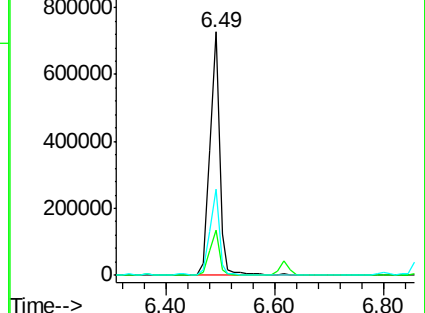
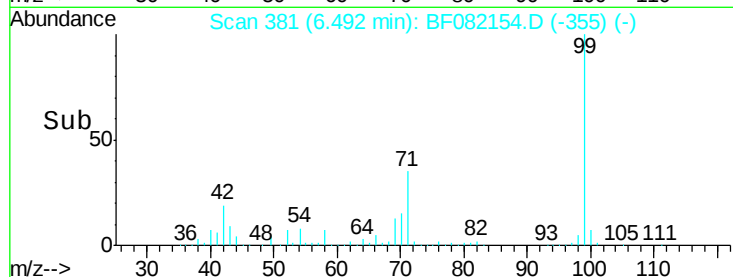
71 35.4 14.2 21.2#



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: 3.54 ng

RT: 7.01 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF082154.D

Acq: 9 Oct 2015 19:42

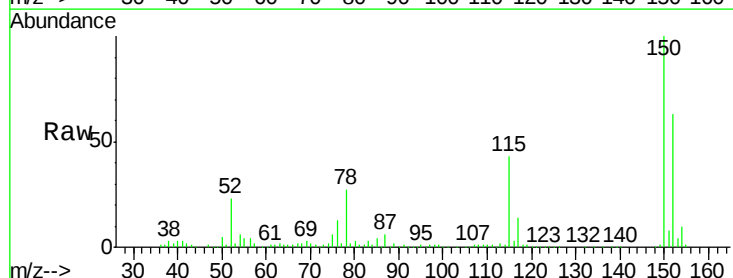
Tgt Ion: 79 Resp: 17324

Ion Ratio Lower Upper

79 100

108 29.9 88.6 132.8#

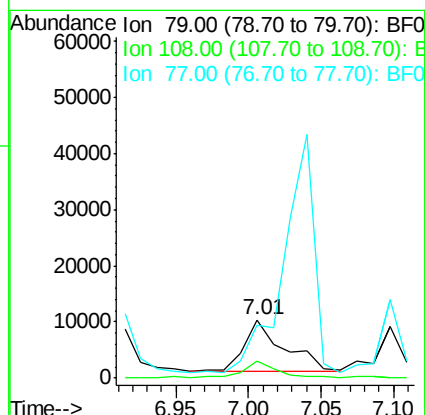
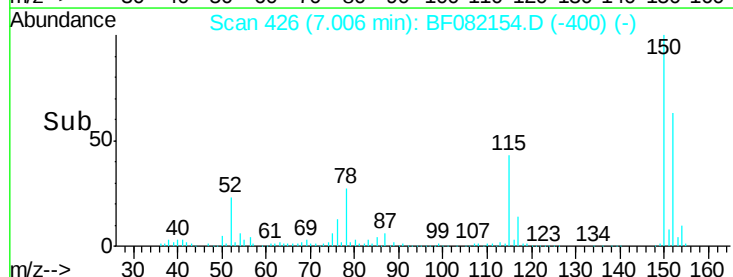
77 91.1 47.0 70.4#

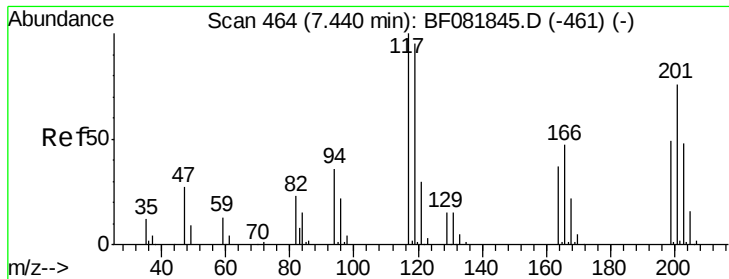


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

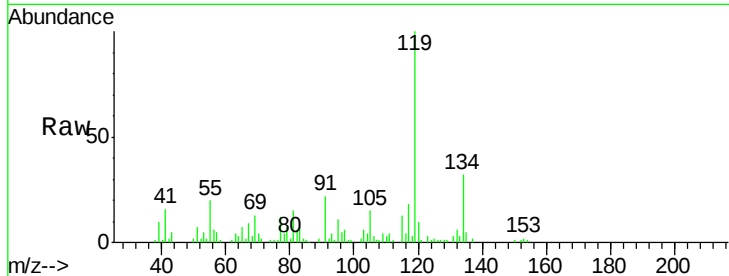




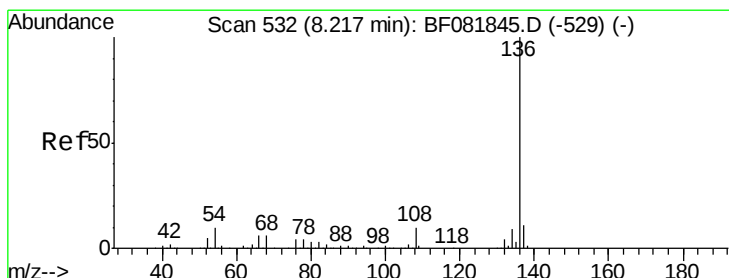
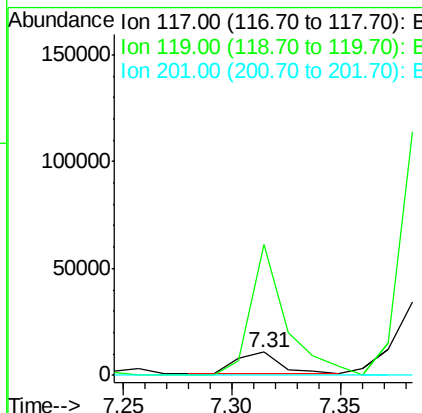
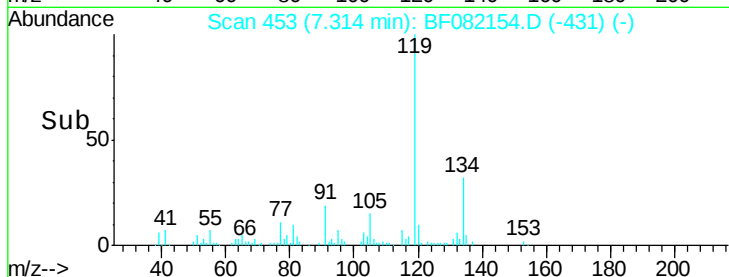
#18
Hexachloroethane
Concen: 6.46 ng
RT: 7.31 min Scan# 453
Delta R.T. -0.05 min
Lab File: BF082154.D
Acq: 9 Oct 2015 19:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:117 Resp: 14857
Ion Ratio Lower Upper
117 100
119 567.7 83.8 125.6#
201 0.0 55.1 82.7#

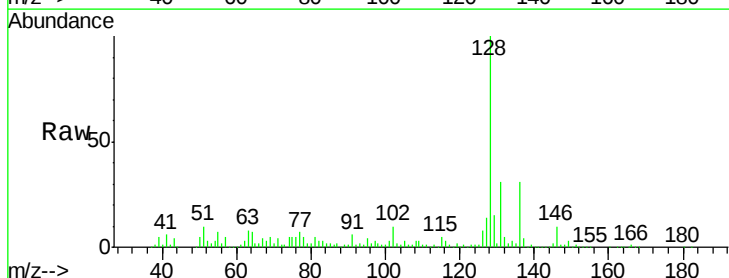


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

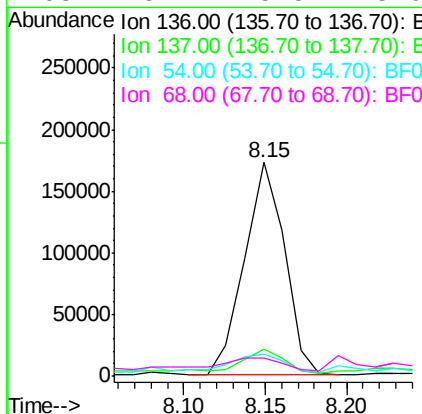
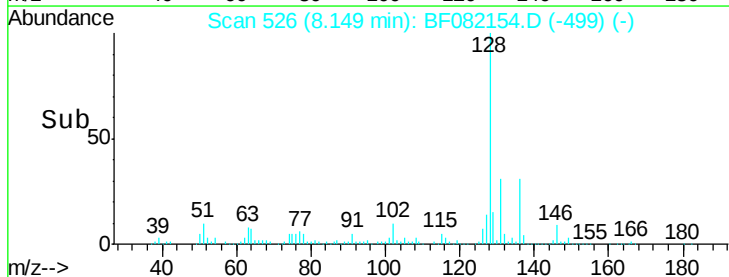


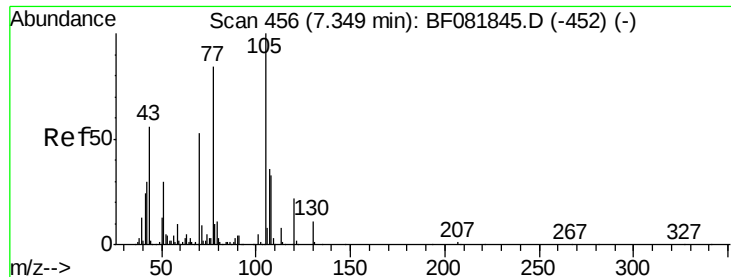
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 526
Delta R.T. 0.01 min
Lab File: BF082154.D
Acq: 9 Oct 2015 19:42

Tgt Ion:136 Resp: 293589
Ion Ratio Lower Upper
136 100
137 12.9 9.0 13.6
54 10.1 8.2 12.2
68 8.7 5.8 8.6#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

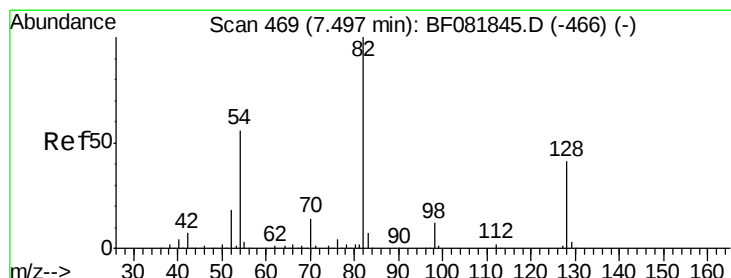
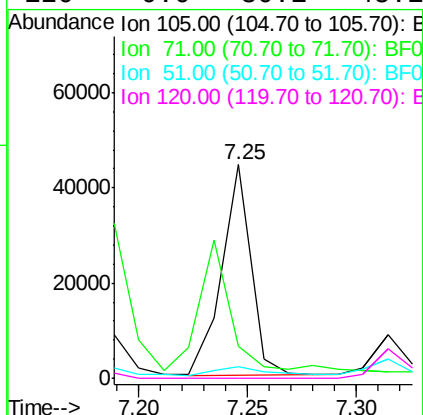
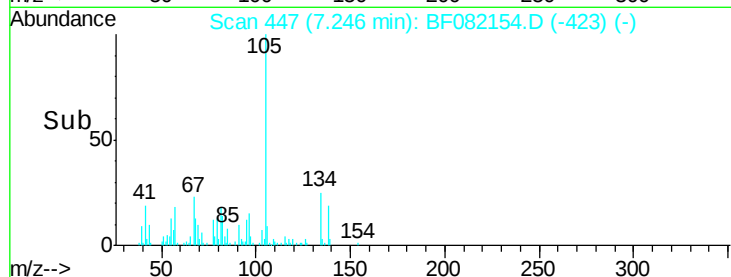
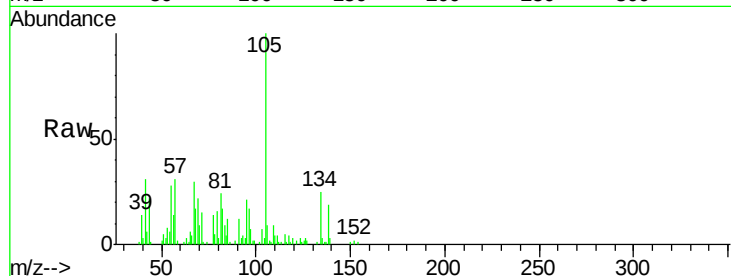




#22
Acetophenone
Concen: 6.89 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF082154.D
Acq: 9 Oct 2015 19:42

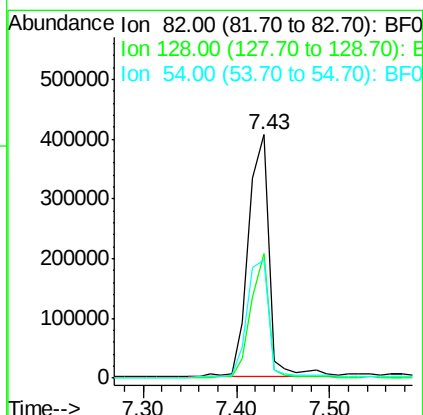
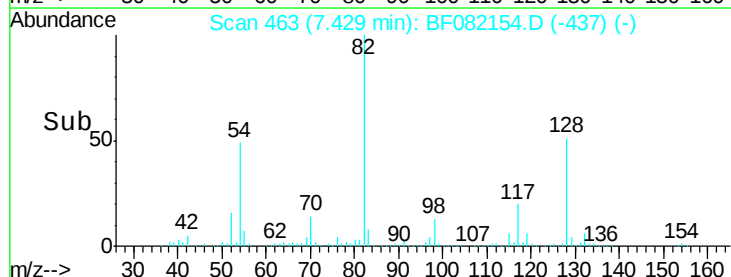
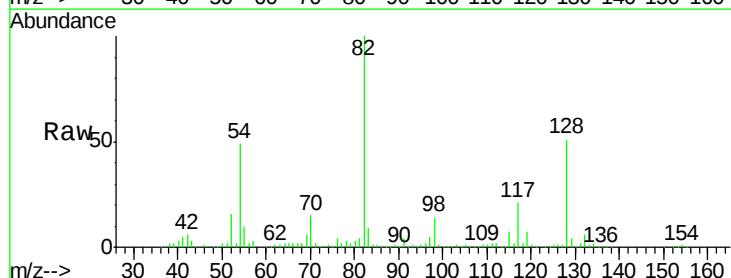
Instrument :
BNA_F
ClientSampleId :

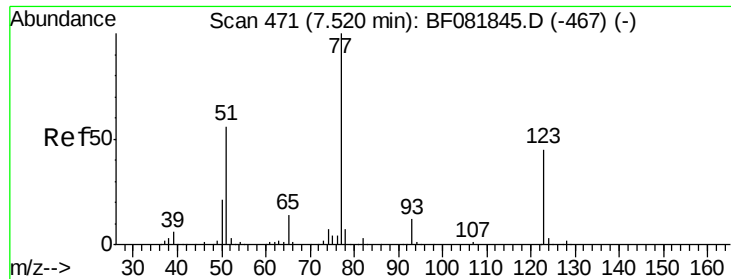
Tot Ion:105 Resp: 41382
Ion Ratio Lower Upper
105 100
71 15.2 4.7 7.1#
51 5.5 22.0 33.0#
120 0.0 30.1 45.1#



#23
Nitrobenzene-d5
Concen: 143.14 ng
RT: 7.43 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF082154.D
Acq: 9 Oct 2015 19:42

Tgt Ion: 82 Resp: 630418
Ion Ratio Lower Upper
82 100
128 50.9 51.0 76.6#
54 48.7 47.5 71.3

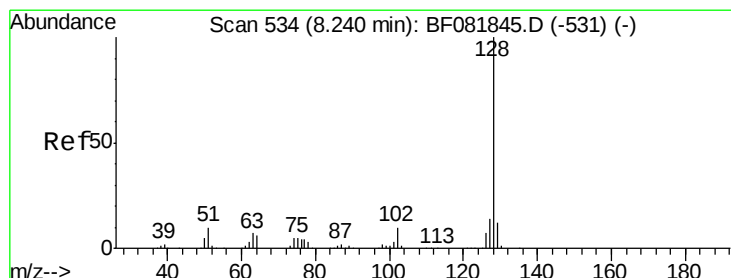
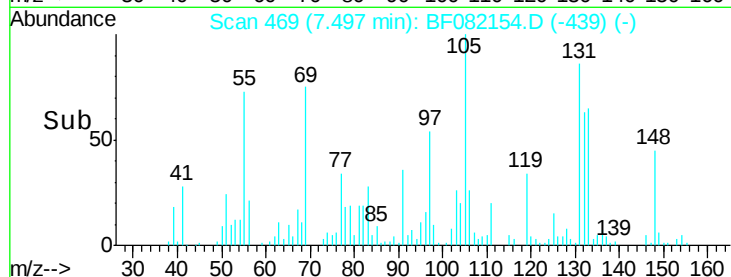
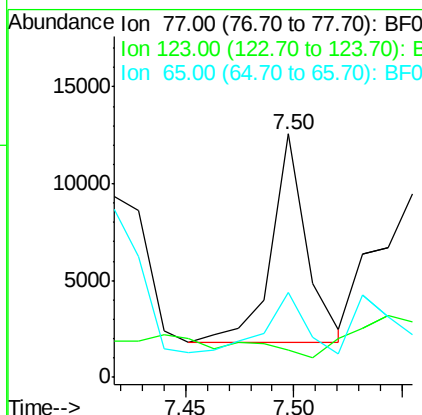
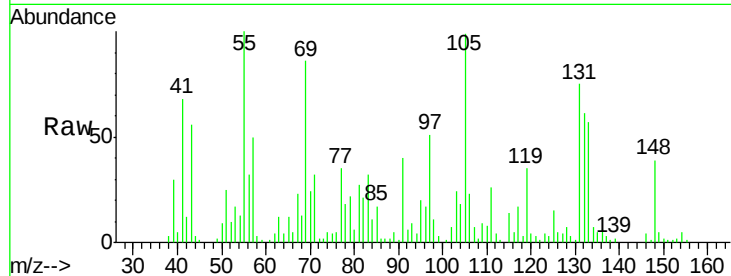




#24
 Nitrobenzene
 Concen: 2.56 ng
 RT: 7.50 min Scan# 469
 Delta R.T. 0.05 min
 Lab File: BF082154.D
 Acq: 9 Oct 2015 19:42

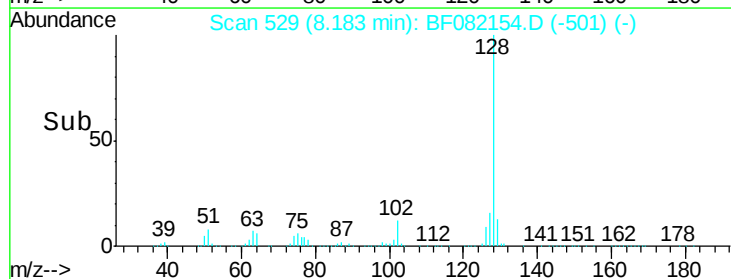
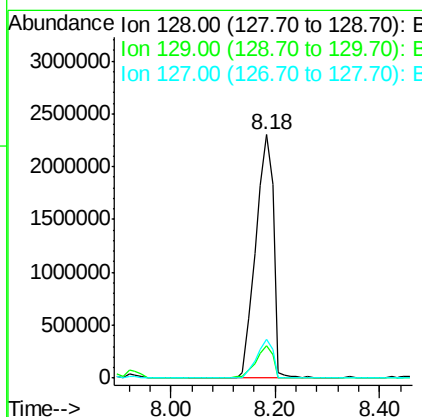
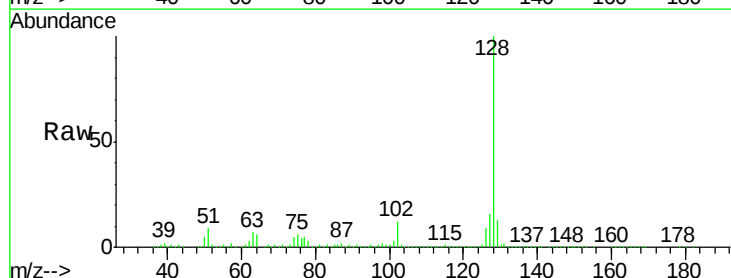
Instrument :
 BNA_F
 ClientSampled :

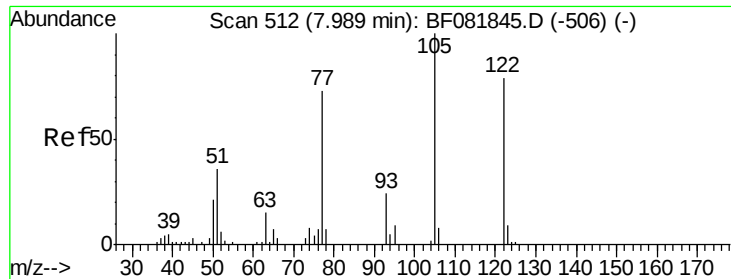
Tot Ion: 77 Resp: 12233
 Ion Ratio Lower Upper
 77 100
 123 11.4 59.8 89.8#
 65 35.0 10.2 15.4#



#31
 Naphthalene
 Concen: 417.63 ng
 RT: 8.18 min Scan# 529
 Delta R.T. 0.02 min
 Lab File: BF082154.D
 Acq: 9 Oct 2015 19:42

Tgt Ion: 128 Resp: 5432989
 Ion Ratio Lower Upper
 128 100
 129 13.3 8.4 12.6#
 127 15.7 9.9 14.9#

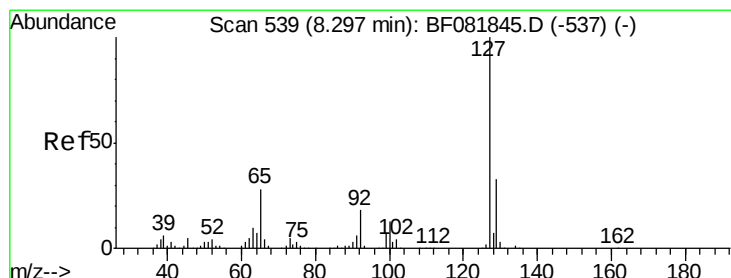
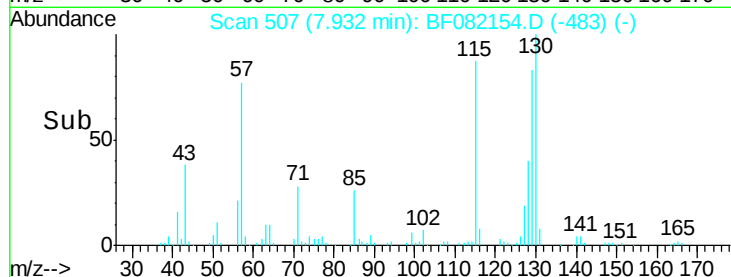
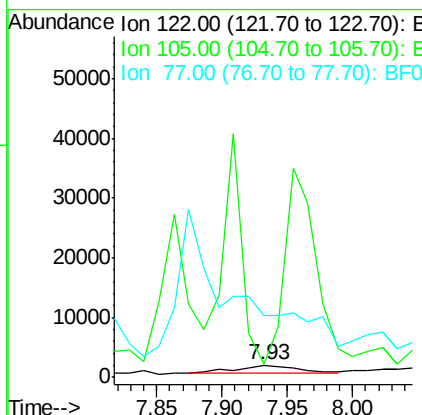
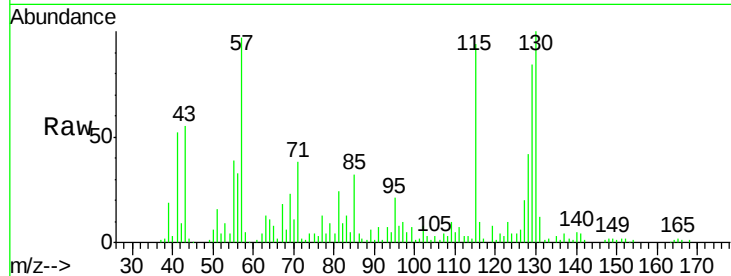




#32
Benzoic acid
Concen: 9.07 ng
RT: 7.93 min Scan# 507
Delta R.T. -0.02 min
Lab File: BF082154.D
Acq: 9 Oct 2015 19:42

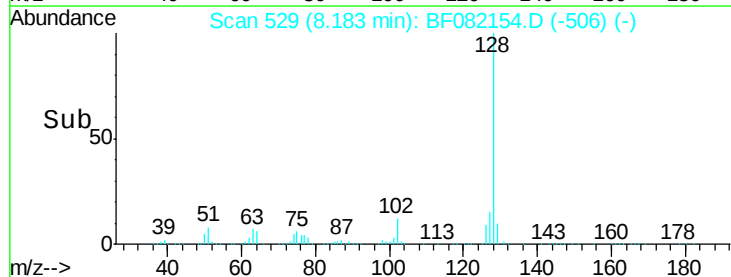
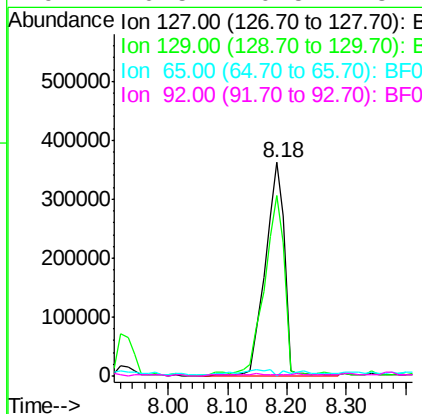
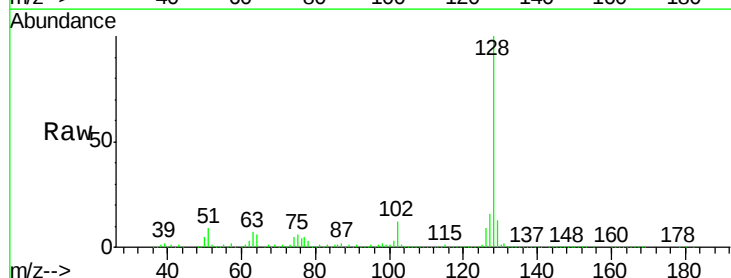
Instrument :
BNA_F
ClientSampled :

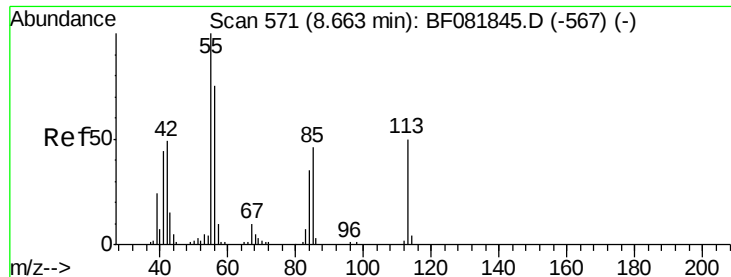
Tot Ion:122 Resp: 4917
Ion Ratio Lower Upper
122 100
105 109.5 76.1 116.1
77 505.2 40.5 80.5#



#33
4-Chloroaniline
Concen: 145.85 ng
RT: 8.18 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF082154.D
Acq: 9 Oct 2015 19:42

Tgt Ion:127 Resp: 820467
Ion Ratio Lower Upper
127 100
129 84.3 25.8 38.6#
65 0.0 17.9 26.9#
92 0.5 10.5 15.7#





#35

Caprolactam

Concen: 48.85 ng

RT: 8.57 min Scan# 563

Delta R.T. -0.05 min

Lab File: BF082154.D

Acq: 9 Oct 2015 19:42

Instrument :

BNA_F

ClientSampleId :

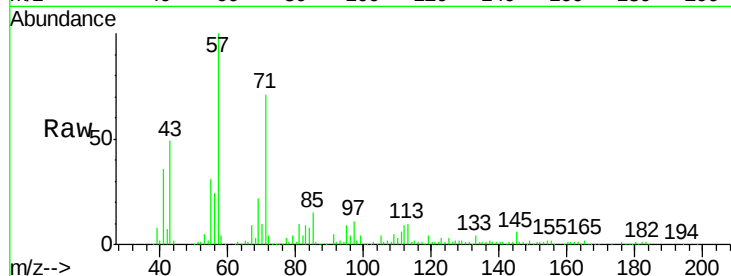
Tot Ion:113 Resp: 52962

Ion Ratio Lower Upper

113 100

55 300.3 152.4 192.4#

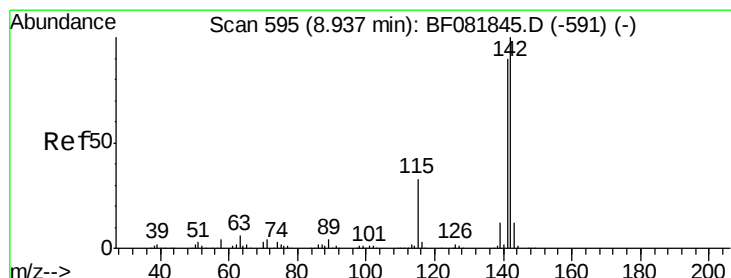
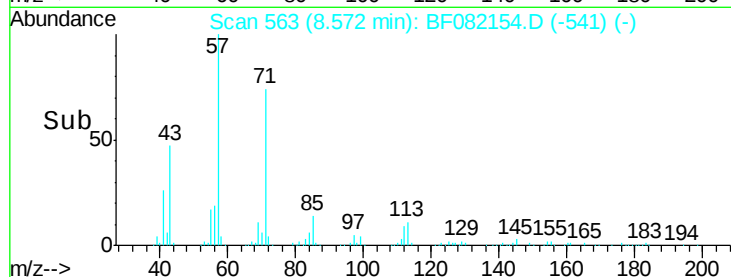
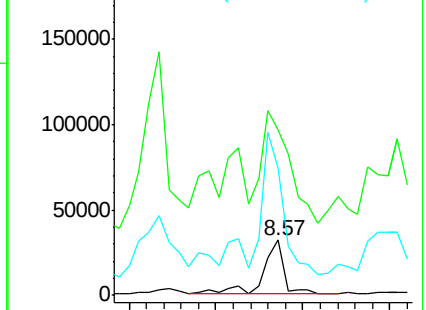
56 230.8 104.6 144.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#37

2-Methylnaphthalene

Concen: 141.32 ng

RT: 8.87 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF082154.D

Acq: 9 Oct 2015 19:42

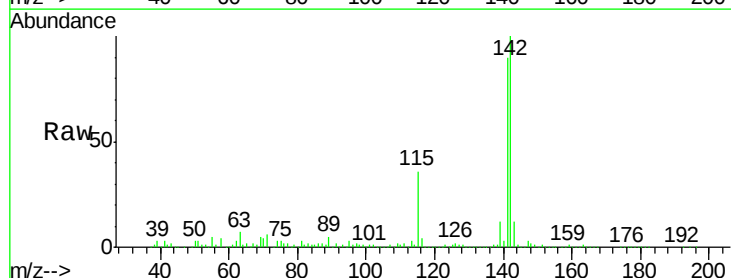
Tgt Ion:142 Resp: 1254926

Ion Ratio Lower Upper

142 100

141 89.8 67.5 101.3

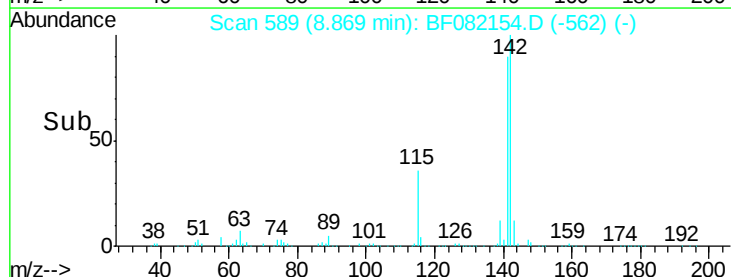
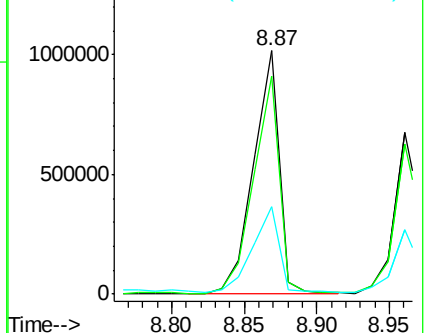
115 36.2 18.2 27.2#

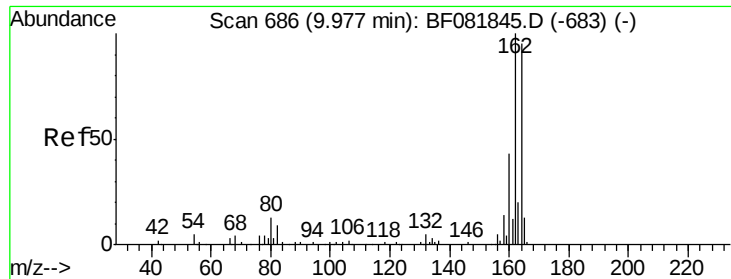


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF082154.D

Acq: 9 Oct 2015 19:42

Instrument :

BNA_F

ClientSampleId :

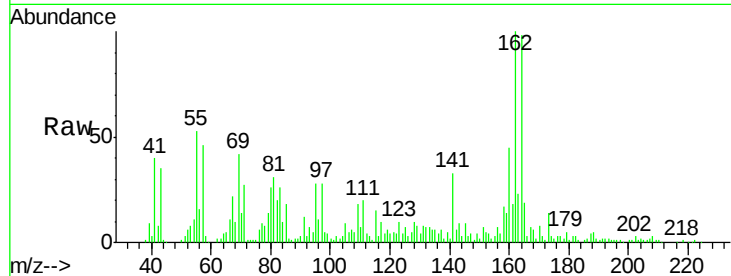
Tot Ion:164 Resp: 150532

Ion Ratio Lower Upper

164 100

162 102.2 75.2 112.8

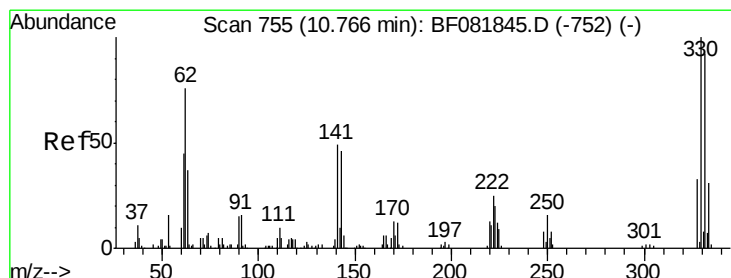
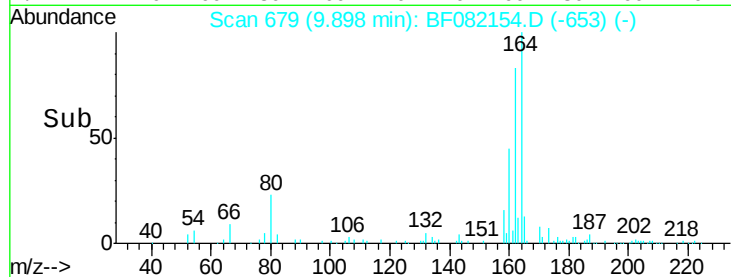
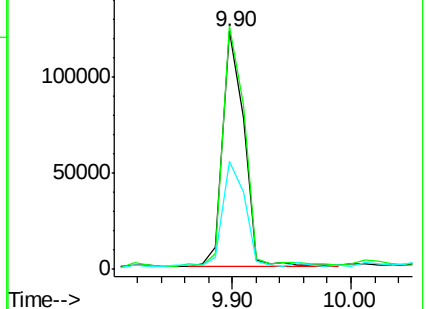
160 45.5 31.5 47.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 109.01 ng

RT: 10.70 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF082154.D

Acq: 9 Oct 2015 19:42

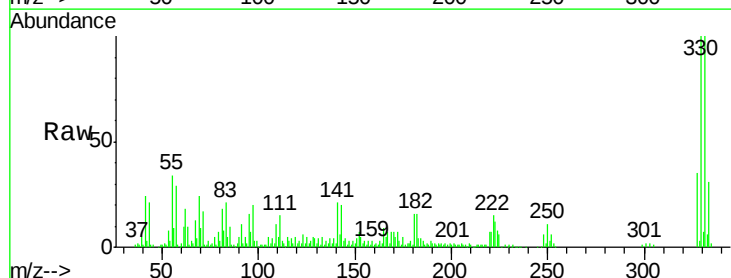
Tgt Ion:330 Resp: 166188

Ion Ratio Lower Upper

330 100

332 97.9 76.6 114.8

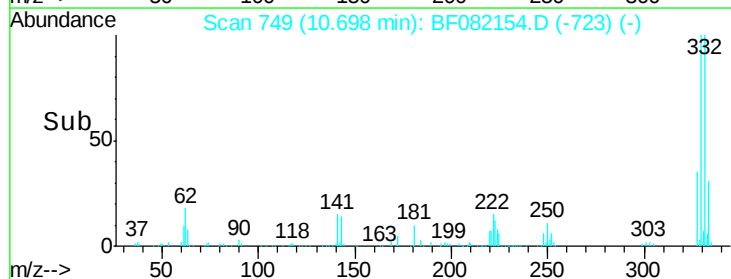
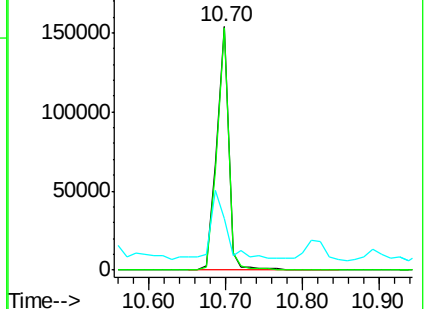
141 39.4 29.7 44.5

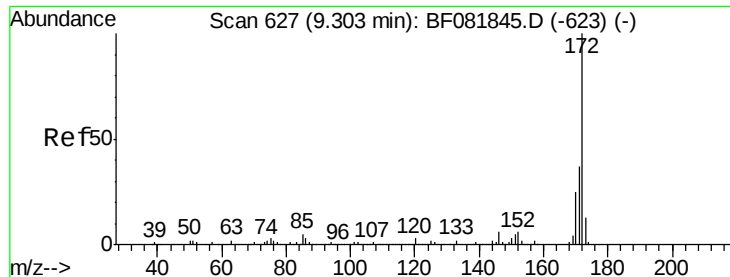


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

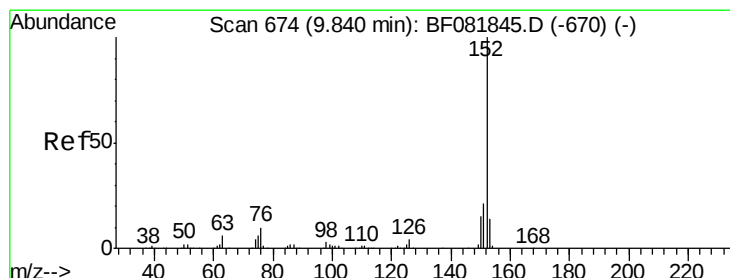
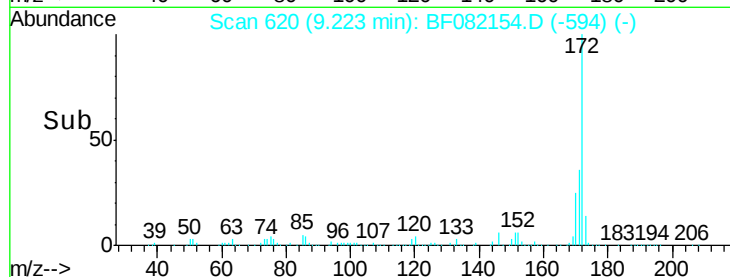
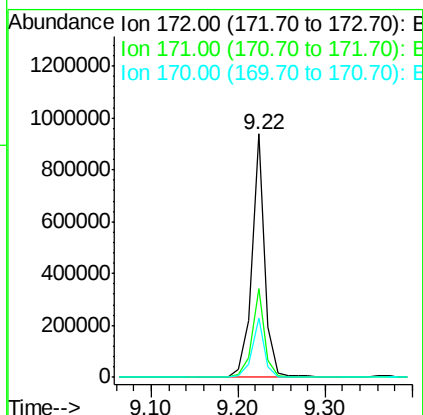
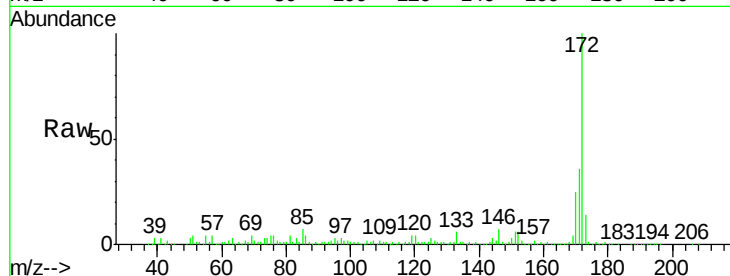




#44
2-Fluorobiphenyl
Concen: 117.15 ng
RT: 9.22 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF082154.D
Acq: 9 Oct 2015 19:42

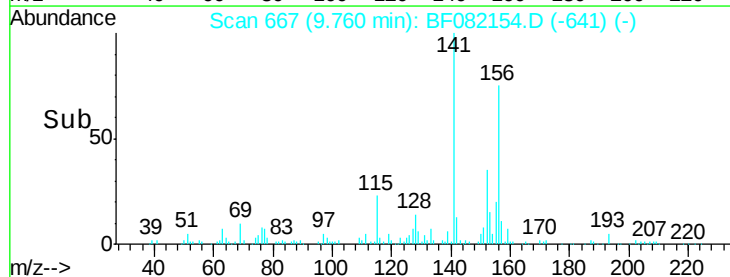
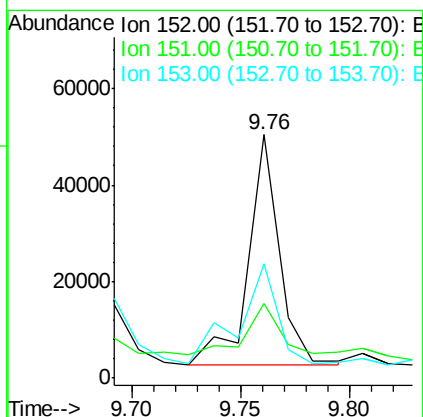
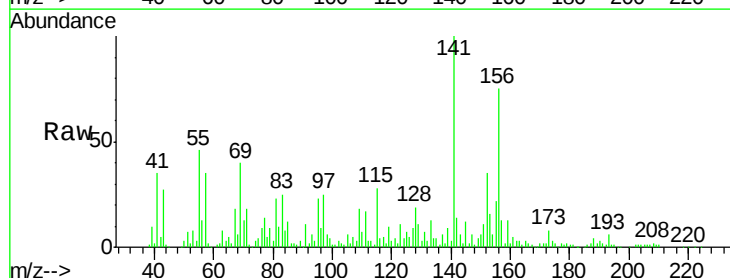
Instrument :
BNA_F
ClientSampleId :

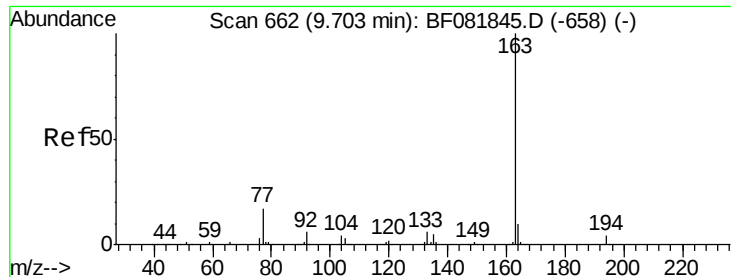
Tot Ion:172 Resp: 977808
Ion Ratio Lower Upper
172 100
171 36.2 26.1 39.1
170 24.6 17.4 26.2



#48
Acenaphthylene
Concen: 3.29 ng
RT: 9.76 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF082154.D
Acq: 9 Oct 2015 19:42

Tgt Ion:152 Resp: 47951
Ion Ratio Lower Upper
152 100
151 30.8 14.6 22.0#
153 46.8 10.3 15.5#

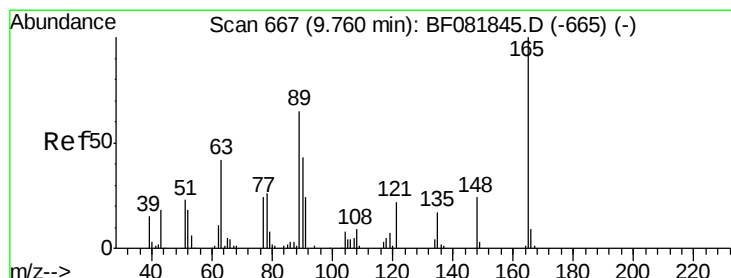
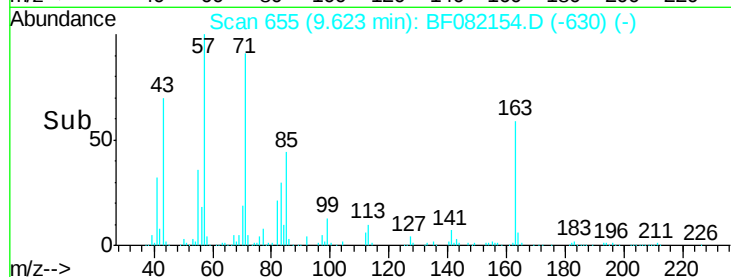
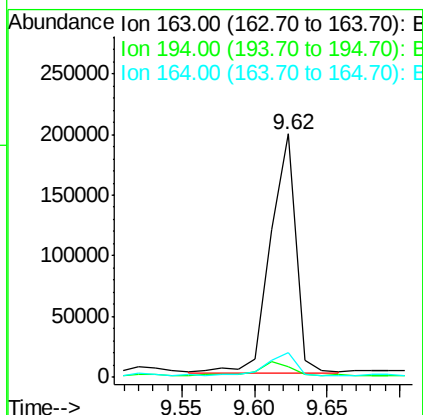
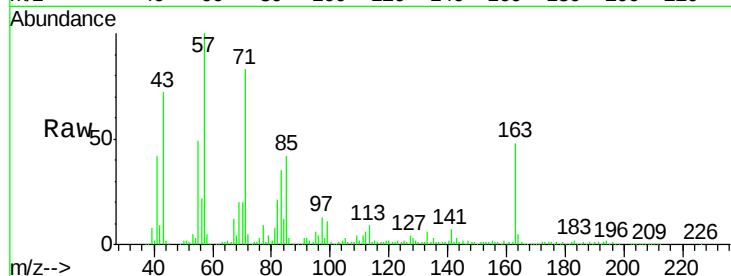




#49
Dimethylphthalate
Concen: 22.84 ng
RT: 9.62 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF082154.D
Acq: 9 Oct 2015 19:42

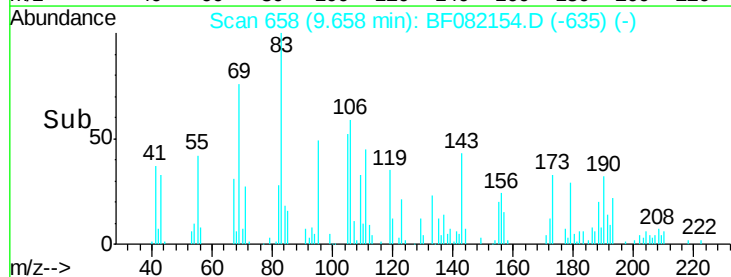
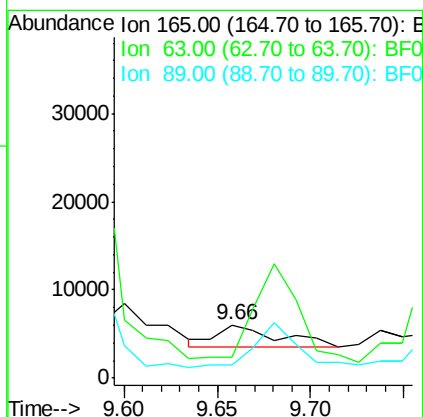
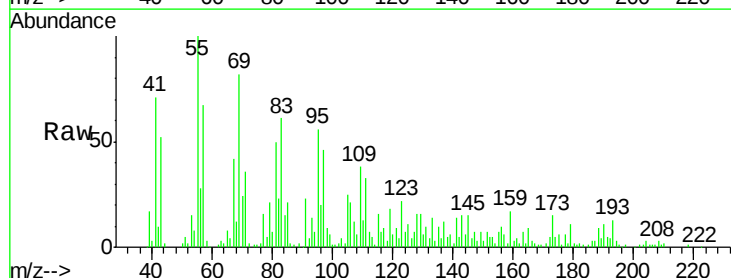
Instrument :
BNA_F
ClientSampleId :

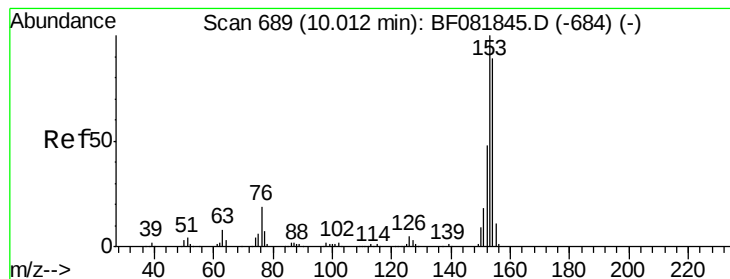
Tot Ion:163 Resp: 237371
Ion Ratio Lower Upper
163 100
194 4.5 4.4 6.6
164 10.2 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 2.45 ng
RT: 9.66 min Scan# 658
Delta R.T. -0.03 min
Lab File: BF082154.D
Acq: 9 Oct 2015 19:42

Tgt Ion:165 Resp: 5530
Ion Ratio Lower Upper
165 100
63 39.0 32.3 48.5
89 24.1 28.6 43.0#





#51

Acenaphthene

Concen: 44.47 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF082154.D

Acq: 9 Oct 2015 19:42

Instrument :

BNA_F

ClientSampleId :

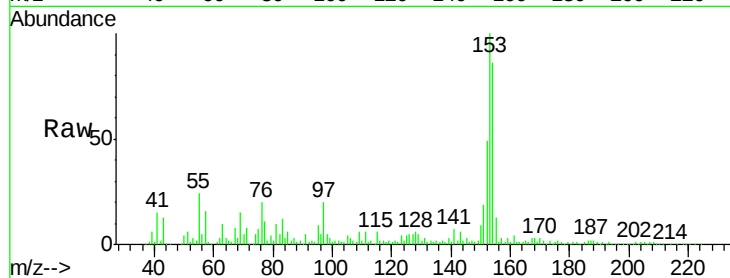
Tot Ion:154 Resp: 385440

Ion Ratio Lower Upper

154 100

153 115.7 82.1 123.1

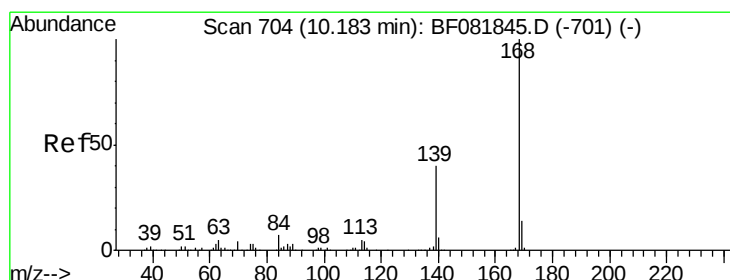
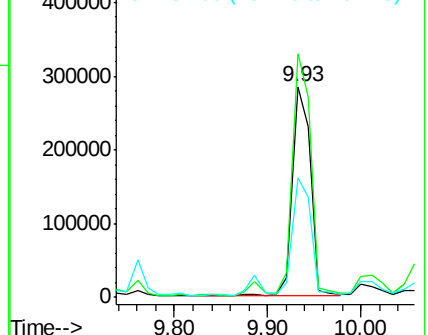
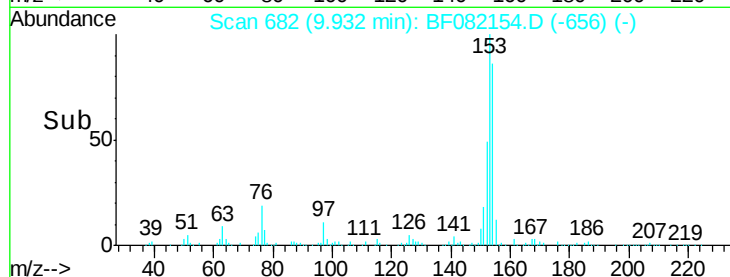
152 56.7 37.9 56.9



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



#54

Dibenzofuran

Concen: 6.08 ng

RT: 10.10 min Scan# 697

Delta R.T. -0.00 min

Lab File: BF082154.D

Acq: 9 Oct 2015 19:42

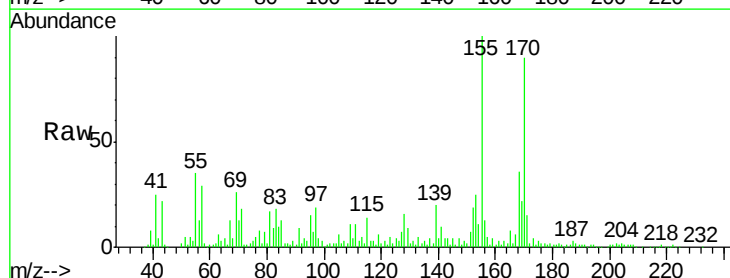
Tgt Ion:168 Resp: 74417

Ion Ratio Lower Upper

168 100

139 55.0 24.2 36.2#

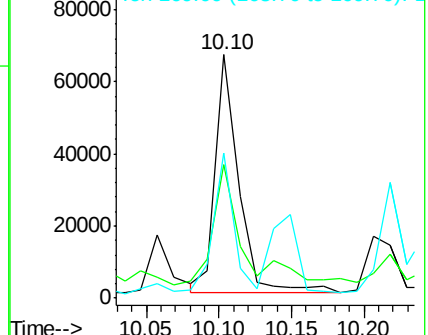
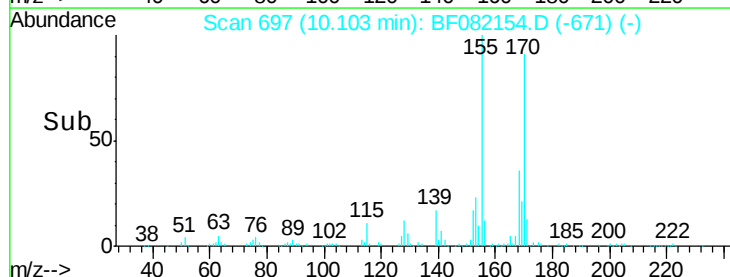
169 59.8 10.6 15.8#

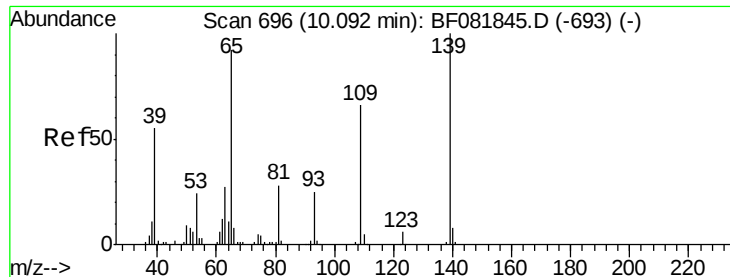


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

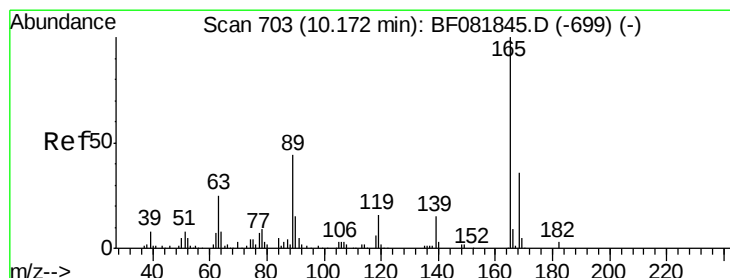
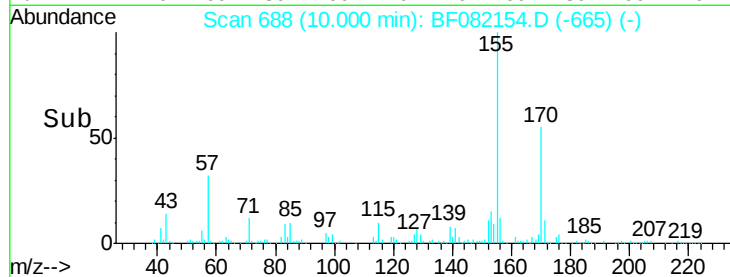
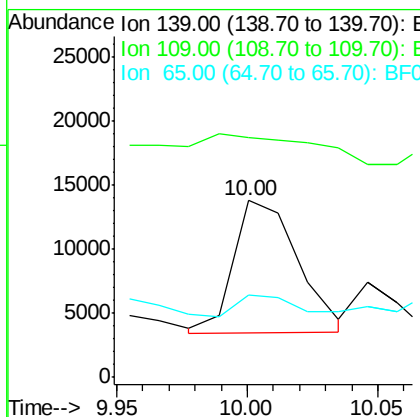
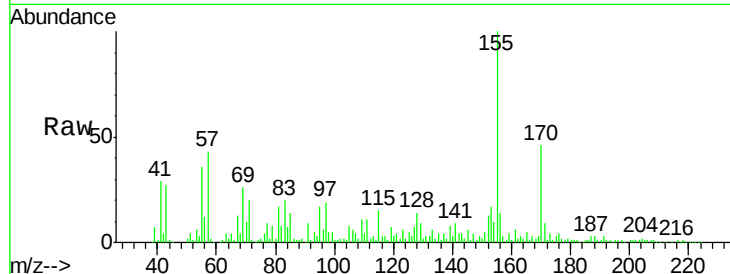




#55
4-Nitrophenol
Concen: 9.44 ng
RT: 10.00 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF082154.D
Acq: 9 Oct 2015 19:42

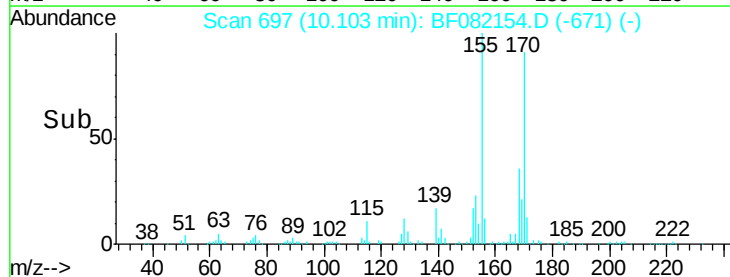
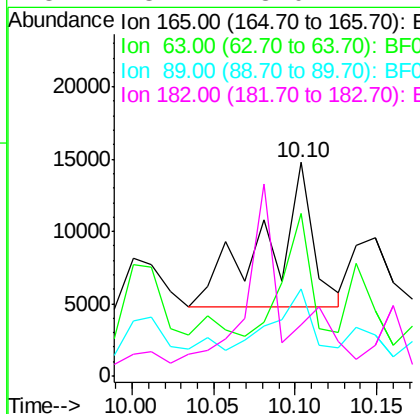
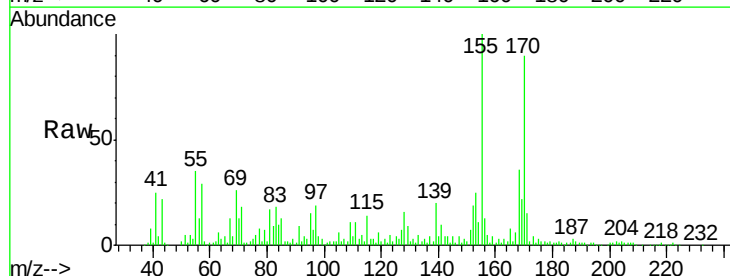
Instrument :
BNA_F
ClientSampleId :

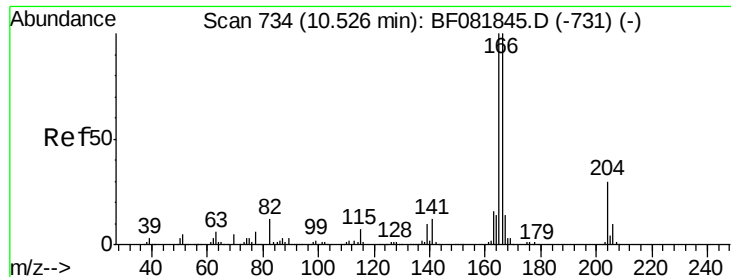
Tot Ion:139 Resp: 17807
Ion Ratio Lower Upper
139 100
109 135.8 12.7 52.7#
65 46.7 45.9 85.9



#56
2,4-Dinitrotoluene
Concen: 6.81 ng
RT: 10.10 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF082154.D
Acq: 9 Oct 2015 19:42

Tgt Ion:165 Resp: 19597
Ion Ratio Lower Upper
165 100
63 76.3 29.8 44.6#
89 40.5 44.5 66.7#
182 23.7 3.0 4.4#





#57

Fluorene

Concen: 37.42 ng

RT: 10.45 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF082154.D

Acq: 9 Oct 2015 19:42

Instrument :

BNA_F

ClientSampleId :

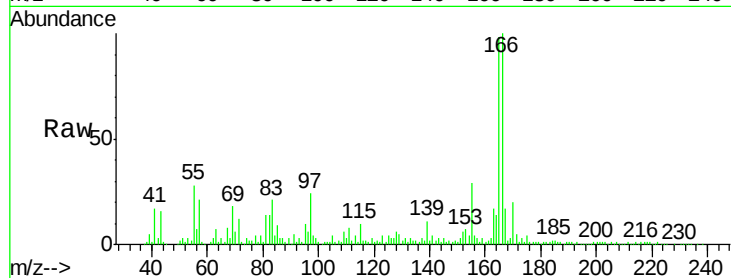
Tot Ion:166 Resp: 330982

Ion Ratio Lower Upper

166 100

165 98.3 72.6 109.0

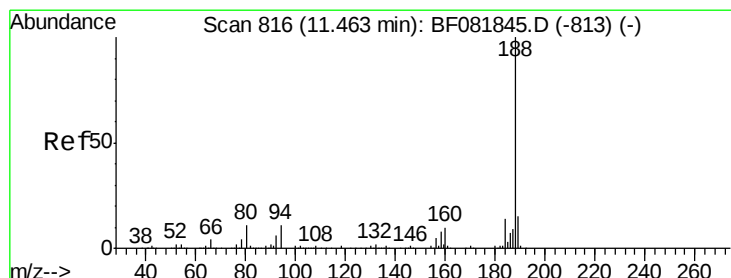
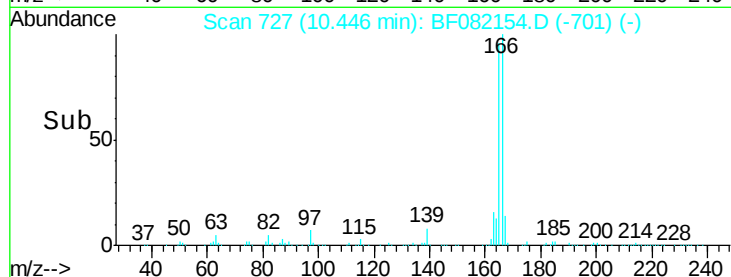
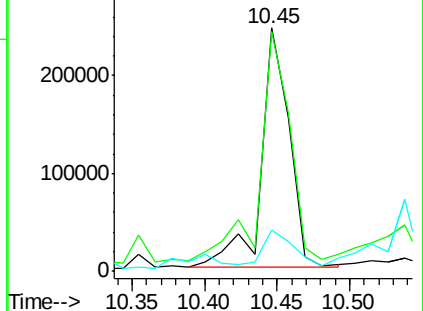
167 16.7 10.6 16.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF082154.D

Acq: 9 Oct 2015 19:42

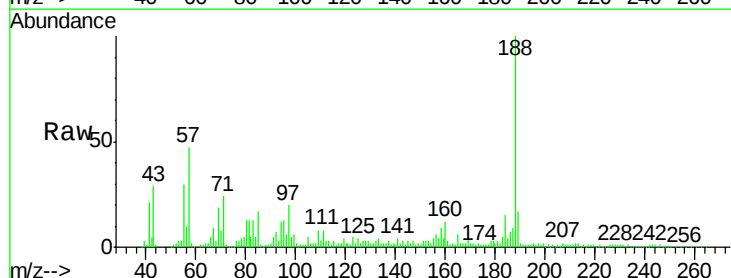
Tgt Ion:188 Resp: 260319

Ion Ratio Lower Upper

188 100

94 11.6 11.1 16.7

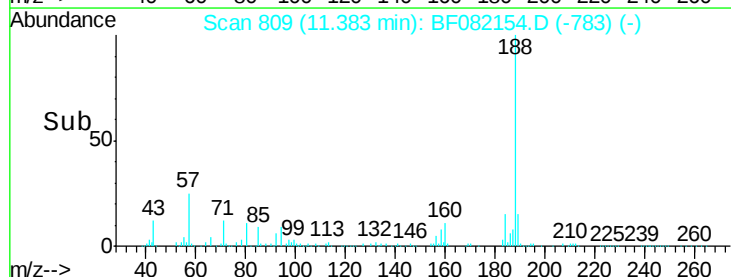
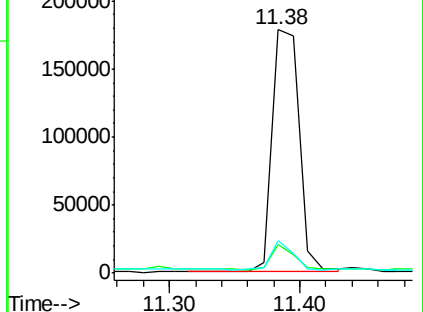
80 13.2 11.0 16.4

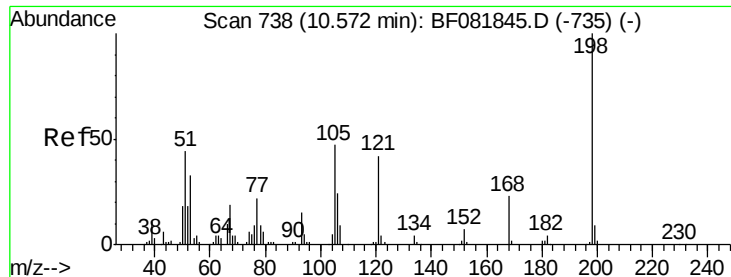


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.34 ng

RT: 10.51 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF082154.D

Acq: 9 Oct 2015 19:42

Instrument :

BNA_F

ClientSampleId :

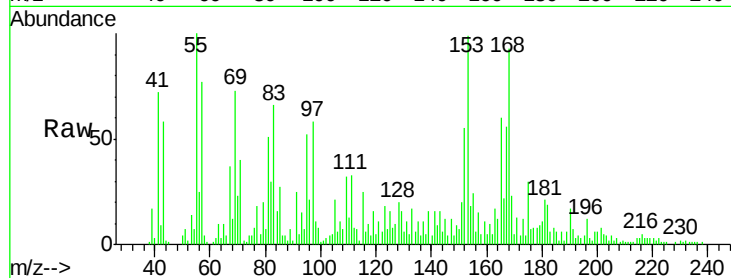
Tot Ion:198 Resp: 1149

Ion Ratio Lower Upper

198 100

51 309.2 39.6 79.6#

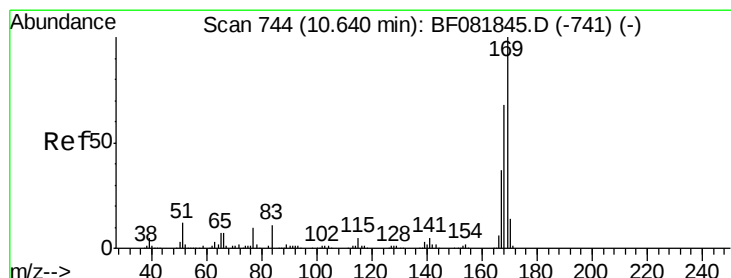
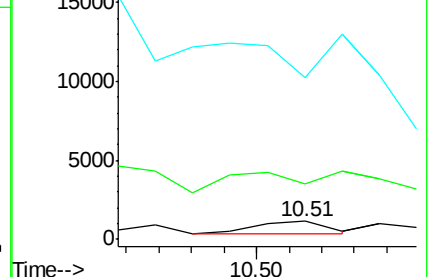
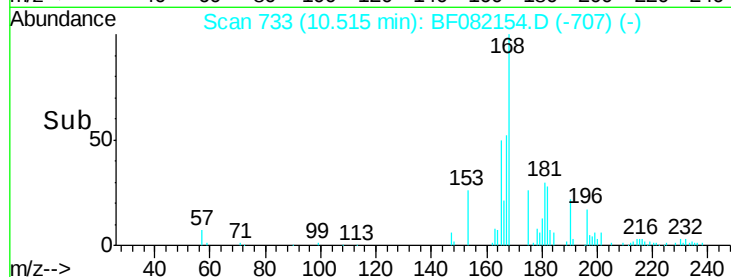
105 906.0 28.5 68.5#



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: 10.73 ng

RT: 10.56 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF082154.D

Acq: 9 Oct 2015 19:42

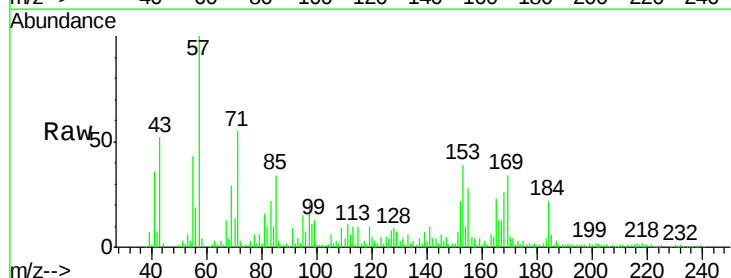
Tgt Ion:169 Resp: 84541

Ion Ratio Lower Upper

169 100

168 76.3 48.9 73.3#

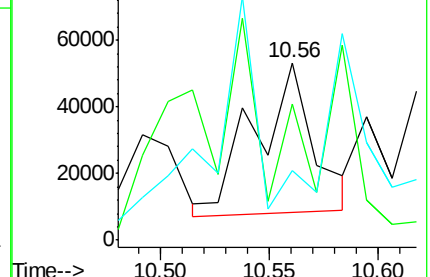
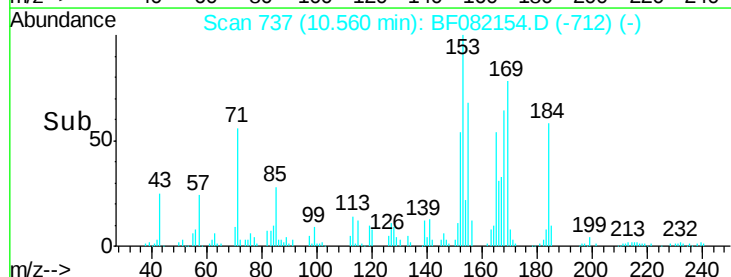
167 39.1 26.2 39.4

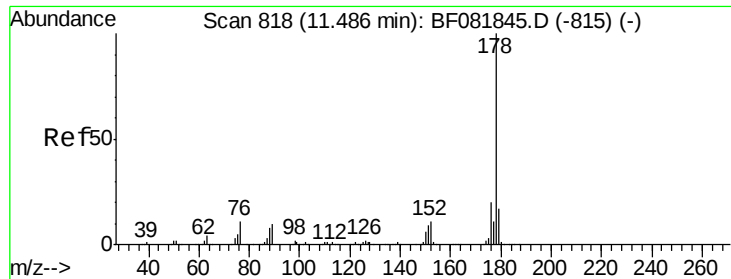


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

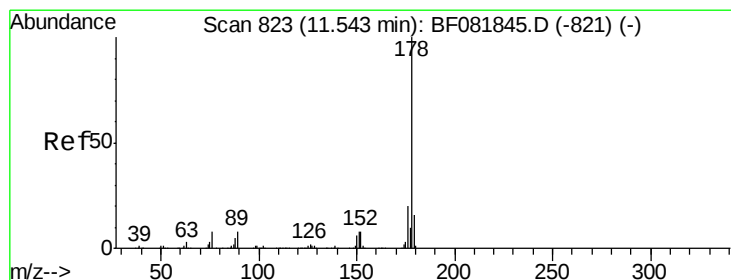
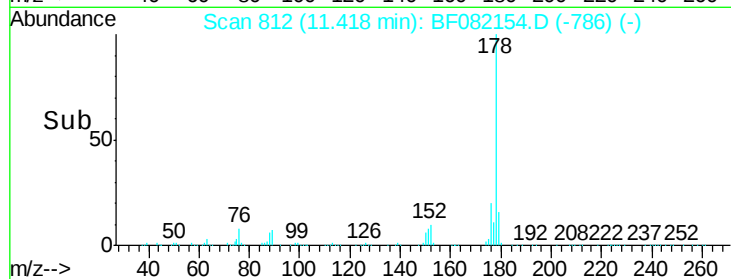
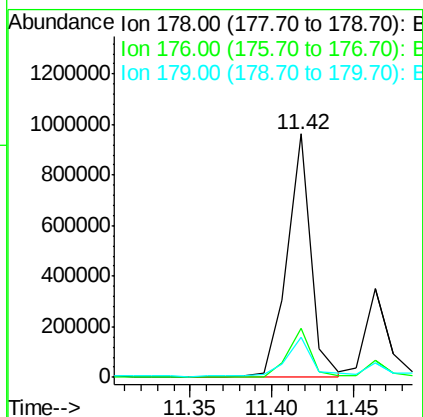
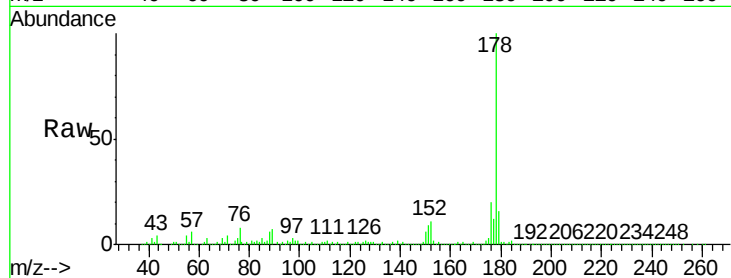




#70
Phenanthrene
Concen: 78.61 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF082154.D
Acq: 9 Oct 2015 19:42

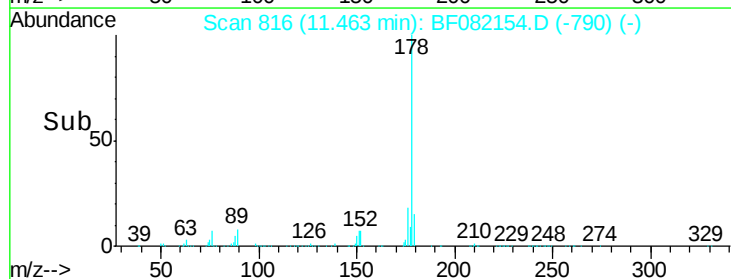
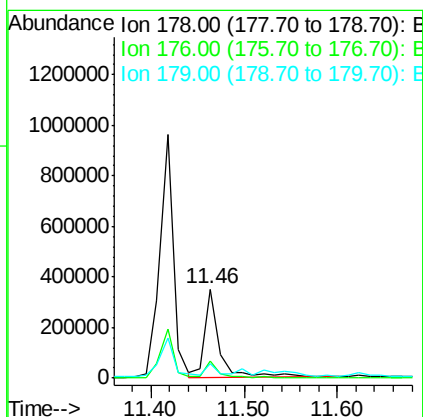
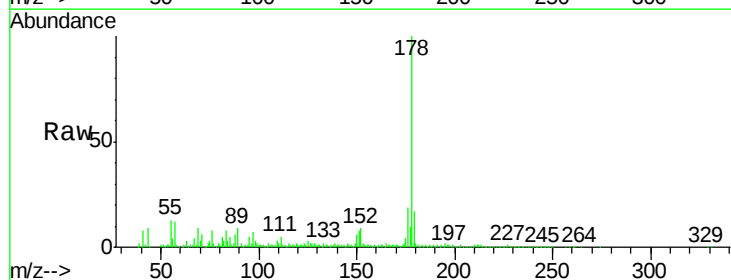
Instrument :
BNA_F
ClientSampleId :

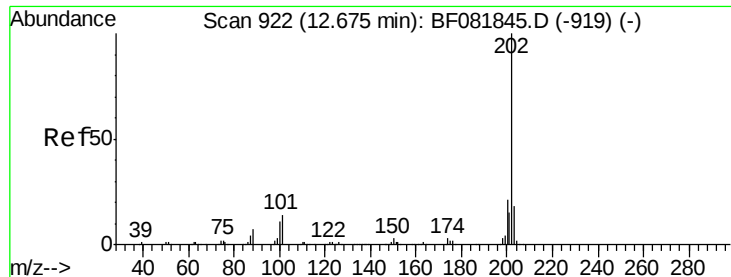
Tot Ion:178 Resp: 969219
Ion Ratio Lower Upper
178 100
176 20.2 13.8 20.8
179 16.3 12.2 18.2



#71
Anthracene
Concen: 29.35 ng
RT: 11.46 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF082154.D
Acq: 9 Oct 2015 19:42

Tgt Ion:178 Resp: 388299
Ion Ratio Lower Upper
178 100
176 18.9 14.1 21.1
179 16.7 12.2 18.2





#74

Fluoranthene

Concen: 21.40 ng

RT: 12.59 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF082154.D

Acq: 9 Oct 2015 19:42

Instrument :

BNA_F

ClientSampleId :

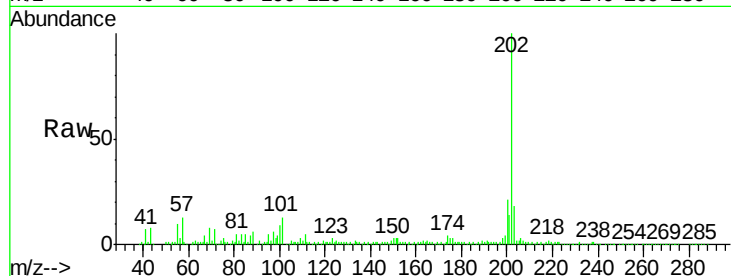
Tot Ion:202 Resp: 298486

Ion Ratio Lower Upper

202 100

101 12.6 0.0 38.3

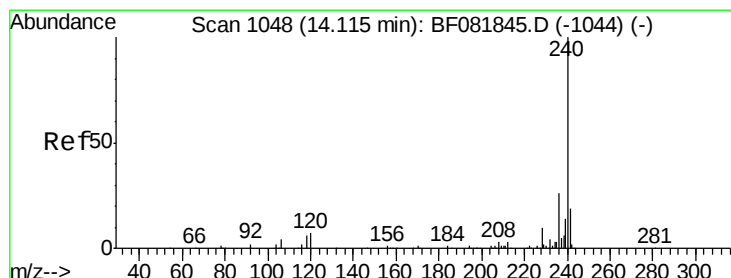
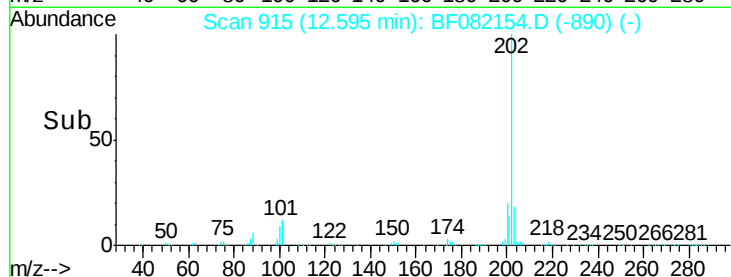
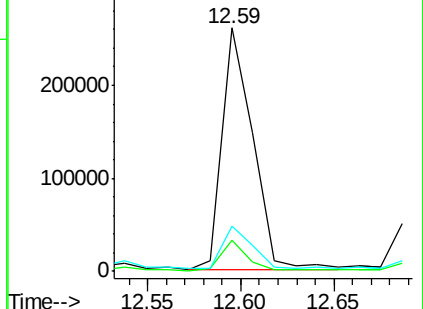
203 18.4 0.0 37.3



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: BF082154.D

Acq: 9 Oct 2015 19:42

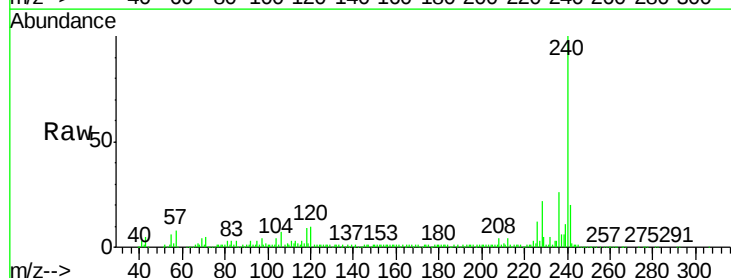
Tgt Ion:240 Resp: 222290

Ion Ratio Lower Upper

240 100

120 10.0 16.2 24.2#

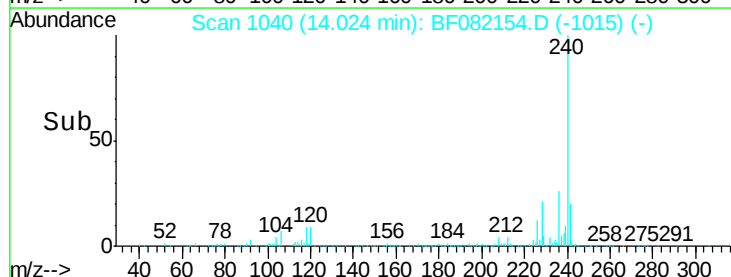
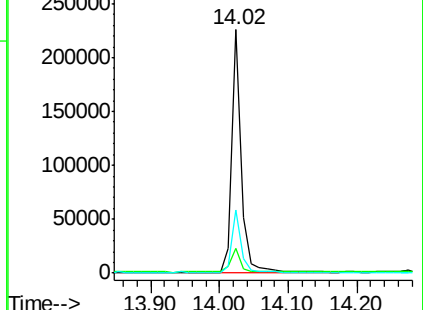
236 25.8 18.4 27.6

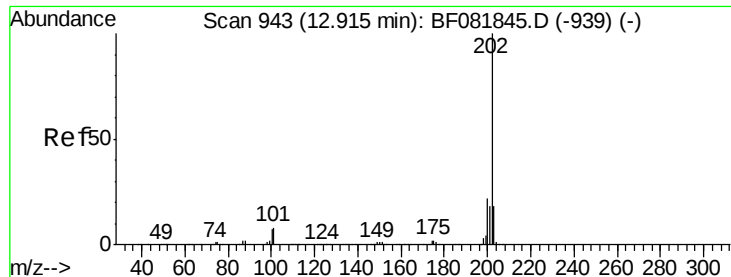


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 32.84 ng

RT: 12.82 min Scan# 935

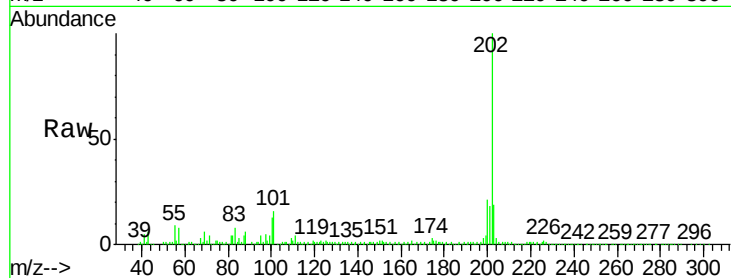
Delta R.T. -0.01 min

Lab File: BF082154.D

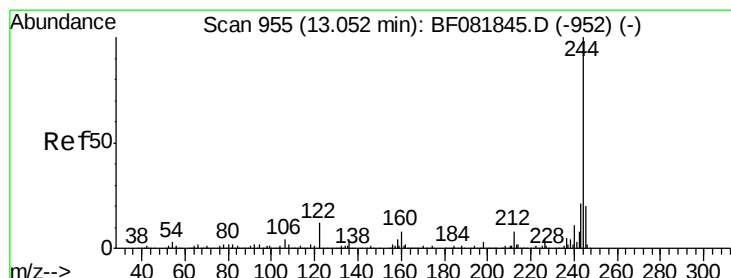
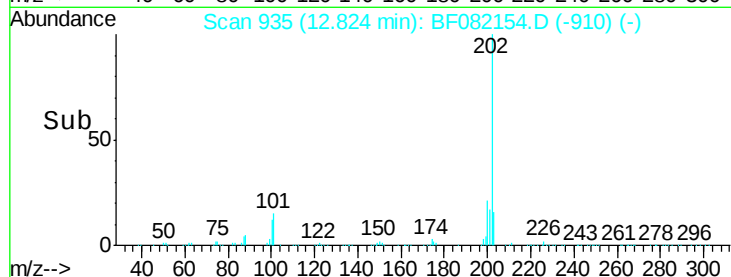
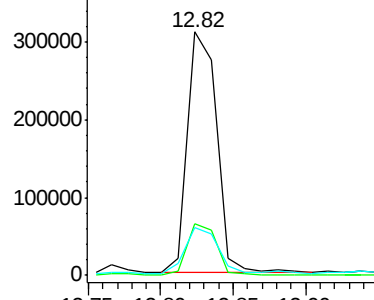
Acq: 9 Oct 2015 19:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	202	Resp:	436133
Ion	Ratio	Lower	Upper
202	100		
200	21.3	15.0	22.4
203	19.4	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: 157.07 ng

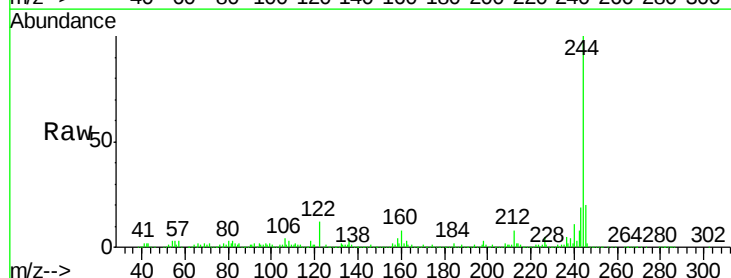
RT: 12.97 min Scan# 948

Delta R.T. -0.00 min

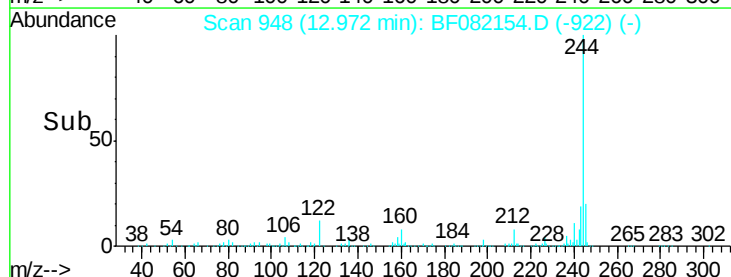
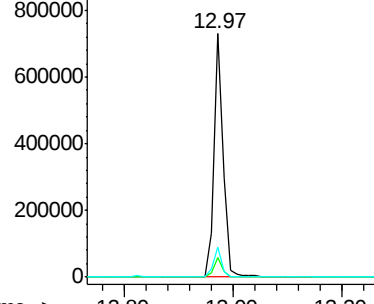
Lab File: BF082154.D

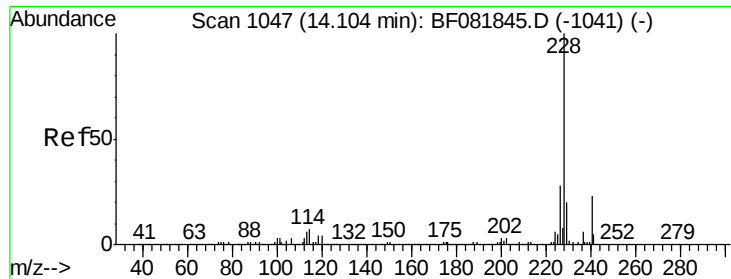
Acq: 9 Oct 2015 19:42

Tgt Ion:	244	Resp:	839043
Ion	Ratio	Lower	Upper
244	100		
212	7.8	4.3	6.5#
122	12.1	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: 12.41 ng

RT: 14.01 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF082154.D

Acq: 9 Oct 2015 19:42

Instrument :

BNA_F

ClientSampleId :

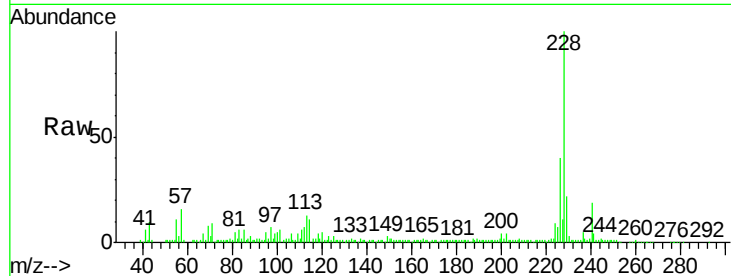
Tot Ion:228 Resp: 148521

Ion Ratio Lower Upper

228 100

226 39.8 20.0 30.0#

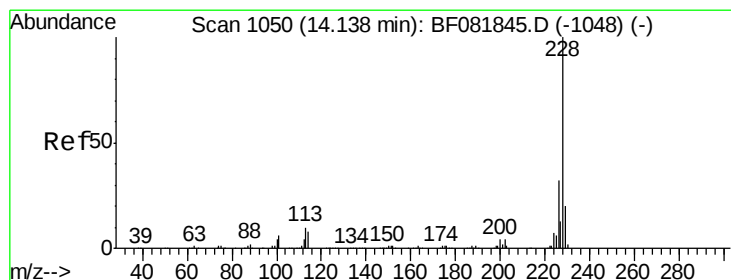
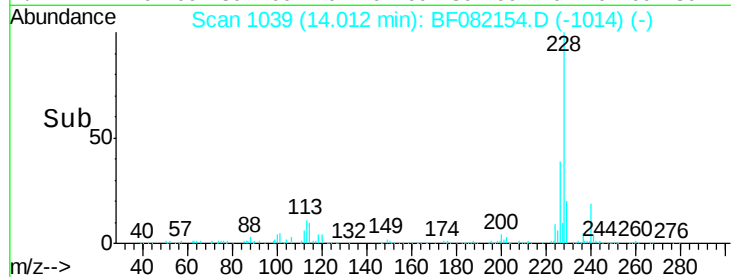
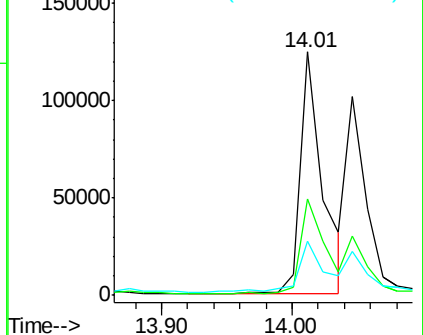
229 22.3 15.4 23.2



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: 8.08 ng

RT: 14.05 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF082154.D

Acq: 9 Oct 2015 19:42

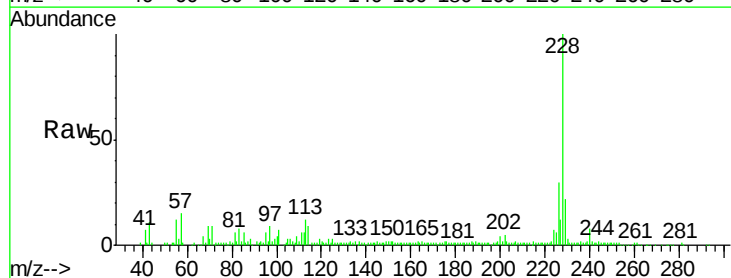
Tgt Ion:228 Resp: 109965

Ion Ratio Lower Upper

228 100

226 30.1 21.0 31.4

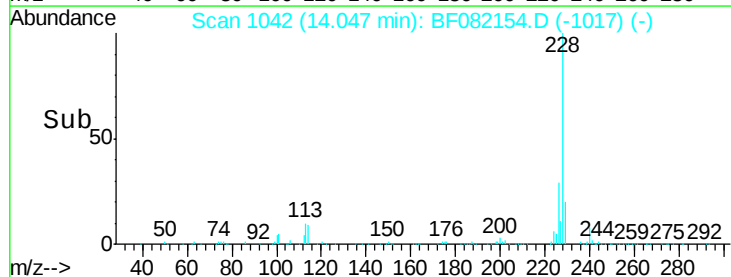
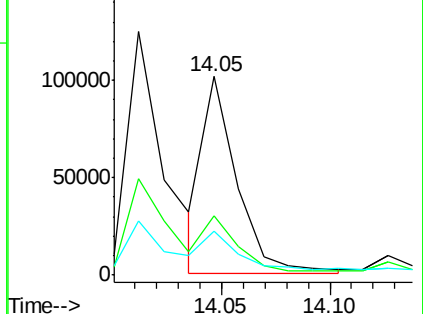
229 22.1 15.6 23.4

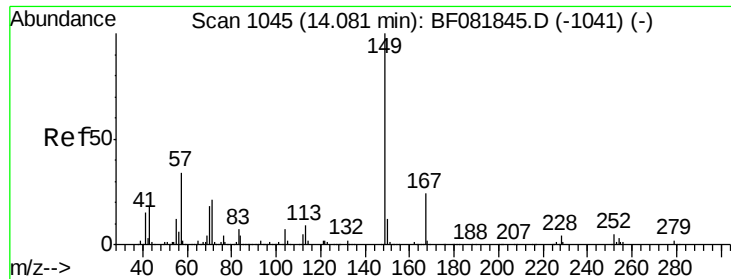


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.04 ng

RT: 14.00 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF082154.D

Acq: 9 Oct 2015 19:42

Instrument :

BNA_F

ClientSampleId :

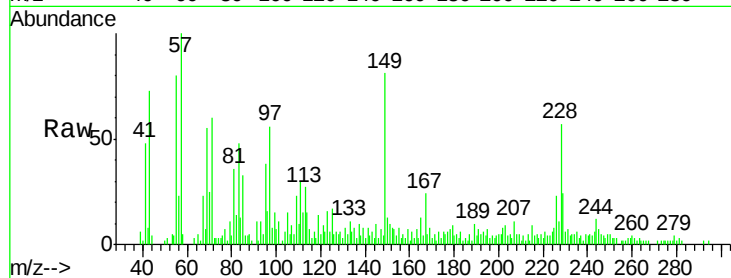
Tot Ion:149 Resp: 12794

Ion Ratio Lower Upper

149 100

167 29.8 24.2 36.2

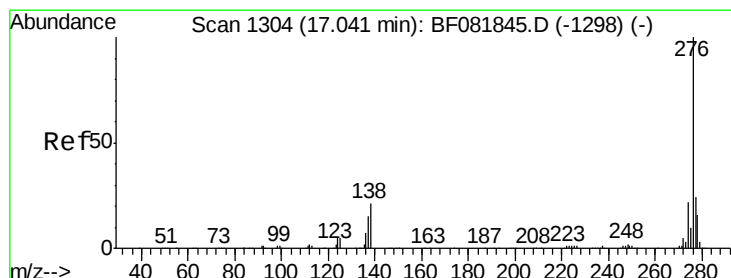
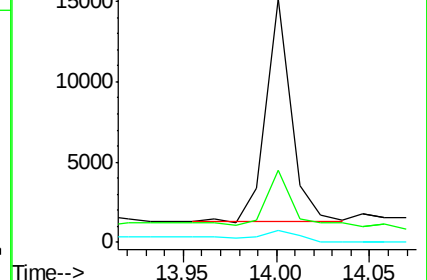
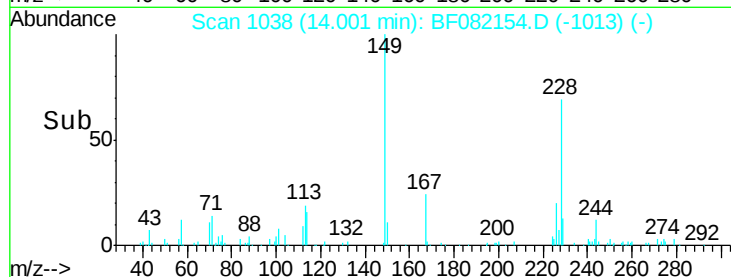
279 5.1 3.8 5.6



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: 2.76 ng

RT: 16.87 min Scan# 1289

Delta R.T. -0.03 min

Lab File: BF082154.D

Acq: 9 Oct 2015 19:42

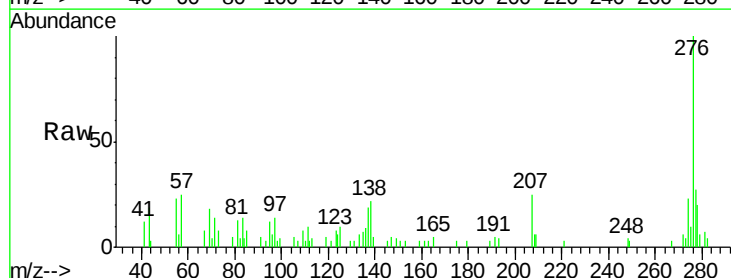
Tgt Ion:276 Resp: 25876

Ion Ratio Lower Upper

276 100

138 20.9 25.7 38.5#

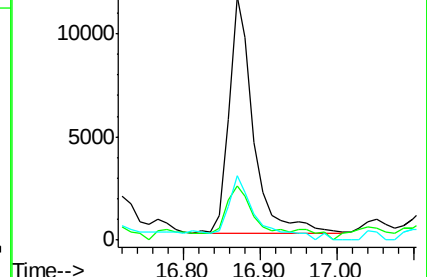
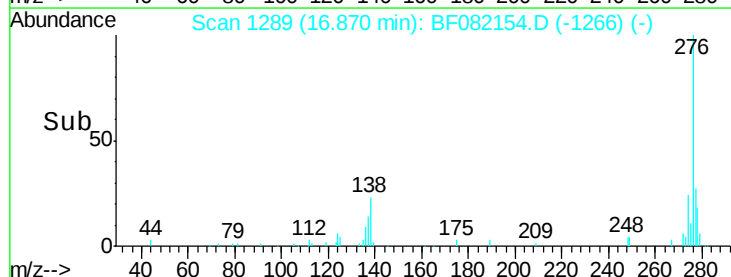
277 31.4 15.6 23.4#

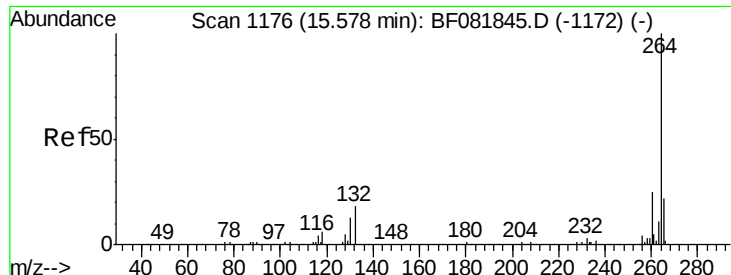


Abundance Ion 276.00 (275.70 to 276.70): E

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: BF082154.D

Acq: 9 Oct 2015 19:42

Instrument :

BNA_F

ClientSampleId :

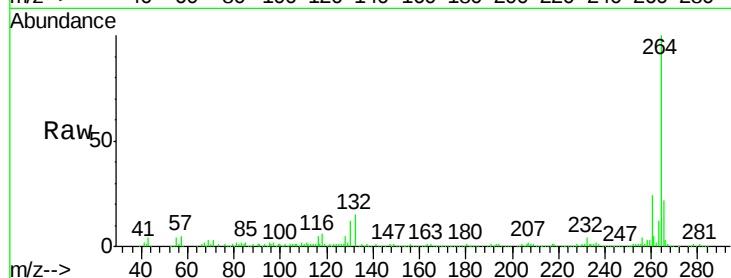
Tot Ion:264 Resp: 192091

Ion Ratio Lower Upper

264 100

260 23.8 16.7 25.1

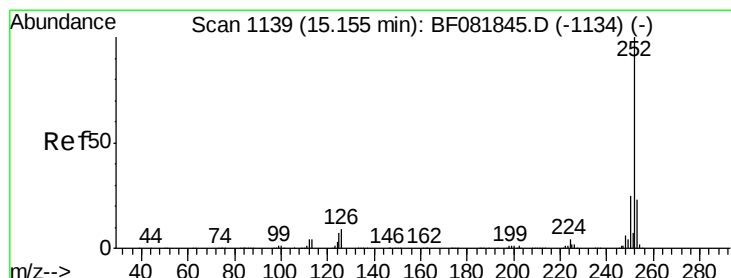
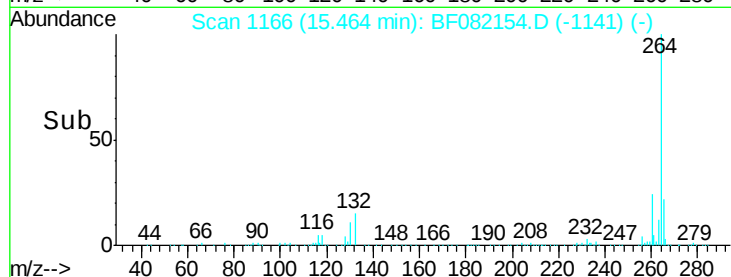
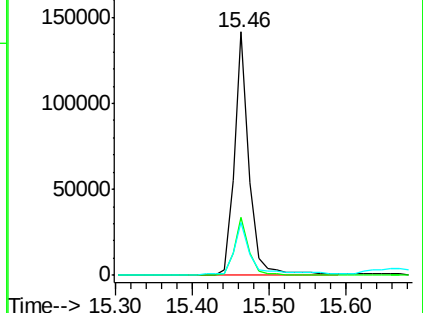
265 21.9 17.2 25.8



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: 2.11 ng

RT: 15.16 min Scan# 1139

Delta R.T. 0.10 min

Lab File: BF082154.D

Acq: 9 Oct 2015 19:42

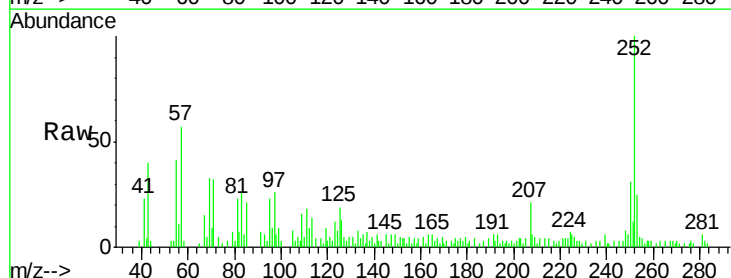
Tgt Ion:252 Resp: 23162

Ion Ratio Lower Upper

252 100

253 24.8 17.5 26.3

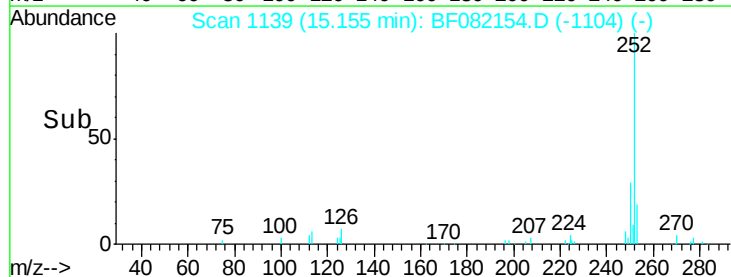
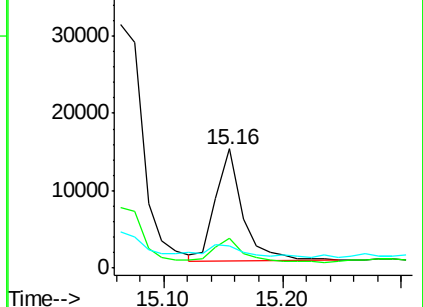
125 19.1 17.1 25.7

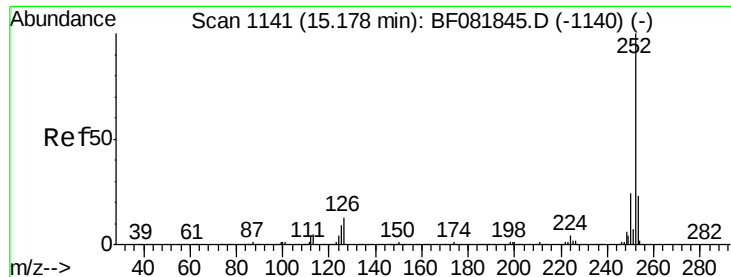


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

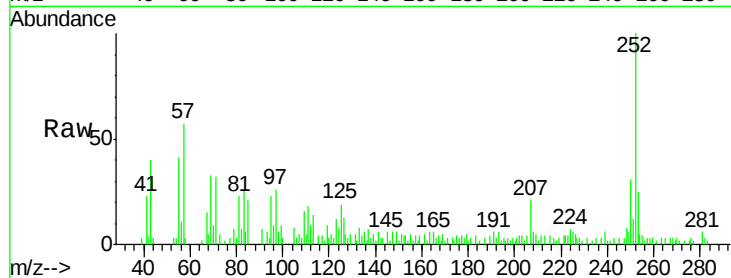




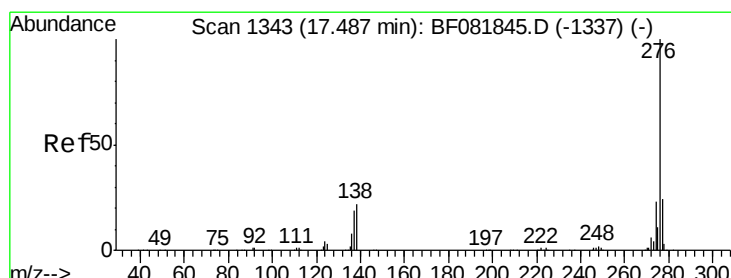
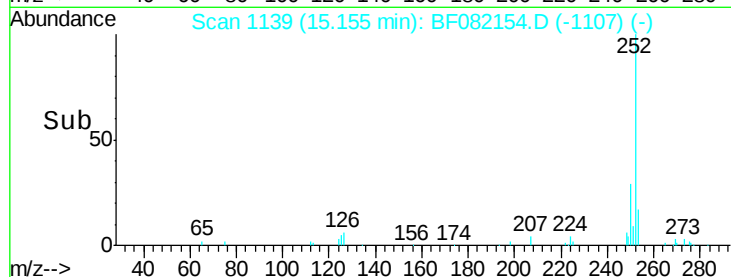
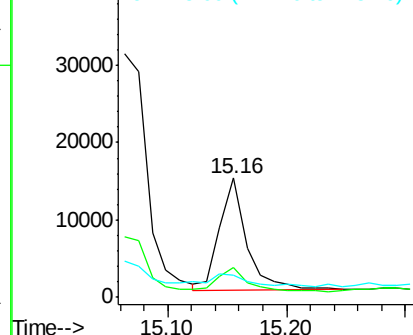
#88
Benzo(k)fluoranthene
Concen: 2.30 ng
RT: 15.16 min Scan# 1139
Delta R.T. 0.07 min
Lab File: BF082154.D
Acq: 9 Oct 2015 19:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 23162
Ion Ratio Lower Upper
252 100
253 24.8 17.0 25.4
125 19.1 16.0 24.0

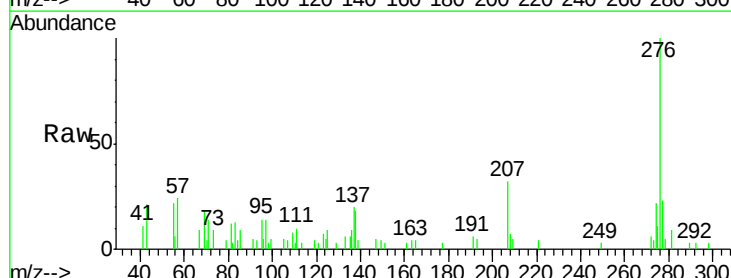


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91
Benzo(g,h,i)perylene
Concen: 3.37 ng
RT: 17.30 min Scan# 1327
Delta R.T. -0.02 min
Lab File: BF082154.D
Acq: 9 Oct 2015 19:42

Tgt Ion:276 Resp: 27536
Ion Ratio Lower Upper
276 100
277 22.6 17.8 26.6
138 18.3 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

