

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
 Data File : BF080931.D
 Acq On : 7 Aug 2015 17:23
 Operator : TP/UM
 Sample : G3083-14DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 08 01:59:49 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	75783	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	290764	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	159431	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	316124	20.00	ng	0.00
75) Chrysene-d12	13.95	240	260803	20.00	ng	-0.01
86) Perylene-d12	15.36	264	226886	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	7.37	82	73978	12.03	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.17	172	127001	11.21	ng	0.00
78) Terphenyl-d14	12.90	244	181917	14.41	ng	-0.01

Target Compounds

						Qvalue
12) 1,3-Dichlorobenzene	6.98	146	21576	3.79	ng	99
13) 1,4-Dichlorobenzene	6.98	146	21577	3.65	ng	98
14) 1,2-Dichlorobenzene	6.98	146	21577	4.03	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.09	45	45772	4.04	ng	97
18) Hexachloroethane	7.32	117	18717	8.25	ng	93
19) n-Nitroso-di-n-propylamine	7.22	70	21448	4.62	ng	# 90
24) Nitrobenzene	7.39	77	100272	15.84	ng	# 81
25) Isophorone	7.63	82	66853	5.66	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	145941	20.56	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	70306	15.70	ng	93
31) Naphthalene	8.11	128	160766	10.03	ng	99
33) 4-Chloroaniline	8.11	127	20691	3.18	ng	# 31
34) Hexachlorobutadiene	8.24	225	17738	6.66	ng	98
40) Hexachlorocyclopentadiene	8.96	237	23012	8.58	ng	98
48) Acenaphthylene	9.70	152	313329	16.89	ng	99
49) Dimethylphthalate	9.56	163	178999	13.52	ng	100
50) 2,6-Dinitrotoluene	9.63	165	23697	8.66	ng	# 63
51) Acenaphthene	9.88	154	175690	15.47	ng	99
54) Dibenzofuran	10.04	168	148197	9.65	ng	96
55) 4-Nitrophenol	10.04	139	55857	22.12	ng	# 15
56) 2,4-Dinitrotoluene	9.85	165	20158	5.51	ng	# 8
57) Fluorene	10.38	166	97384	8.20	ng	99
60) 4-Chlorophenyl-phenylether	10.38	204	113608	19.62	ng	93
65) n-Nitrosodiphenylamine	10.50	169	105005	9.56	ng	99
70) Phenanthrene	11.40	178	351714	19.65	ng	99
71) Anthracene	11.40	178	351714	19.85	ng	98
73) Di-n-butylphthalate	11.89	149	141178	6.54	ng	# 97
74) Fluoranthene	12.75	202	152072	7.86	ng	94
77) Pyrene	12.75	202	152284	7.90	ng	99
79) Butylbenzylphthalate	13.38	149	187203	20.16	ng	# 62
80) Benzo(a)anthracene	13.94	228	259181	15.73	ng	99
81) 3,3'-Dichlorobenzidine	13.91	252	29103	4.86	ng	# 96
82) Chrysene	13.99	228	396656	25.15	ng	99
84) Di-n-octyl phthalate	14.56	149	536281	24.48	ng	98

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QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration

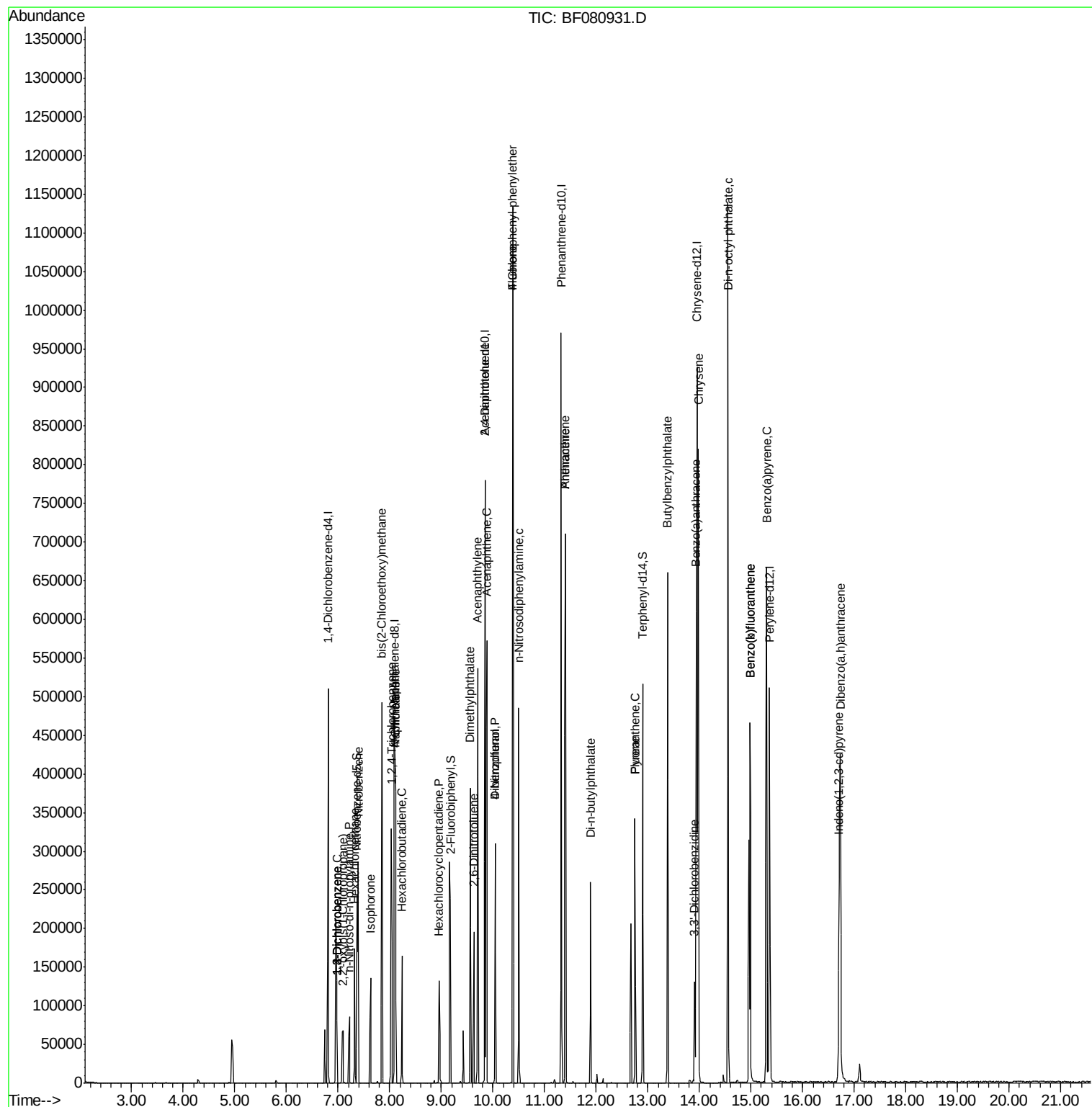
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) Indeno(1,2,3-cd)pyrene	16.71	276	208654	13.90	nq	95
87) Benzo(b)fluoranthene	14.98	252	402172	25.49	nq #	96
88) Benzo(k)fluoranthene	14.98	252	402172	29.14	nq	99
89) Benzo(a)pyrene	15.30	252	314699	23.21	nq #	96
90) Dibenzo(a,h)anthracene	16.73	278	277543	23.14	nq	98

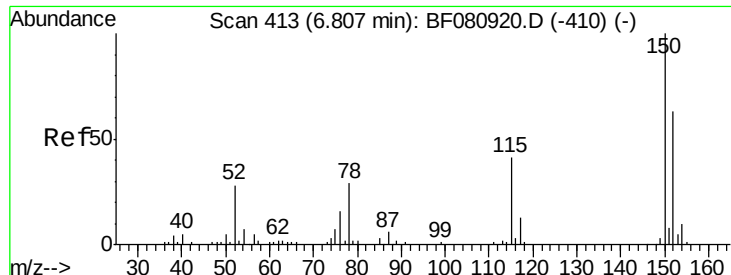
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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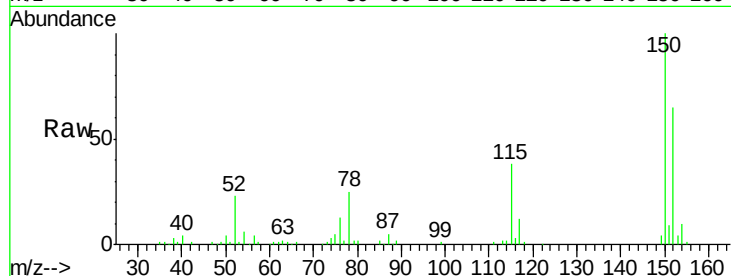


#1

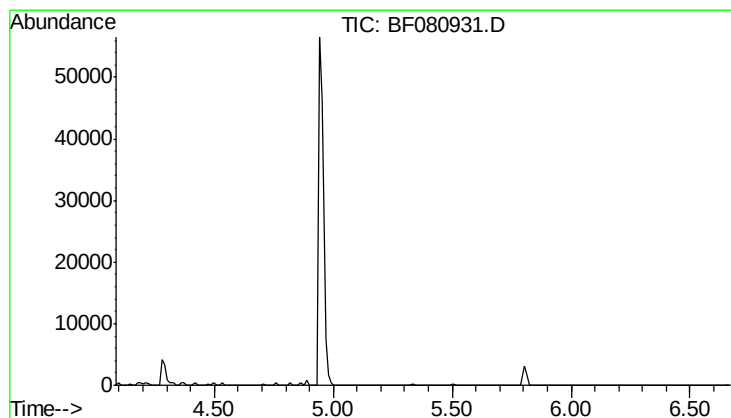
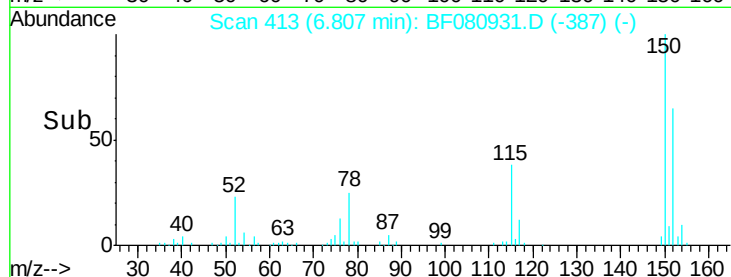
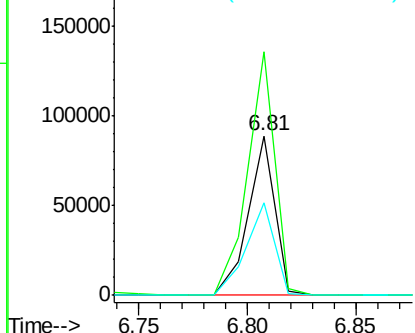
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 75783
Ion Ratio Lower Upper
152 100
150 152.8 127.4 191.2
115 58.1 52.6 78.8



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

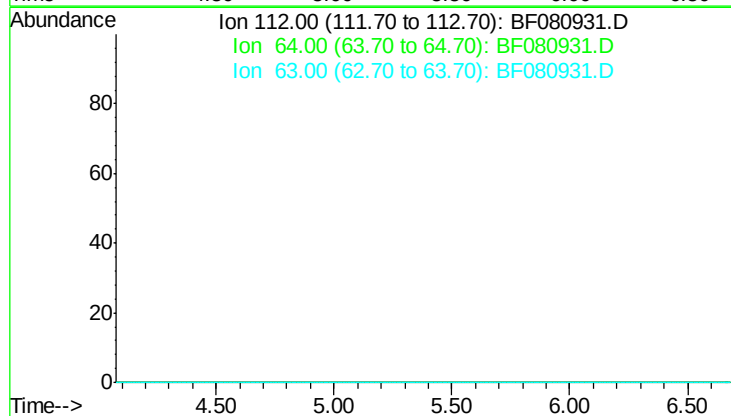


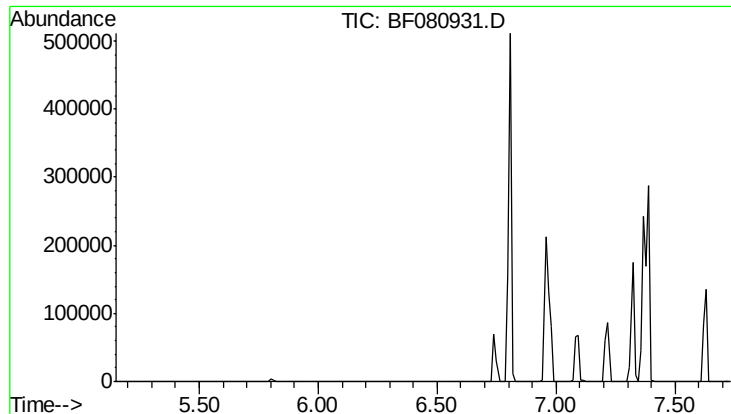
#5

2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.38 min

Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion: 112
Sig Exp Ratio
112 100
64 82.6
63 43.3





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.44 min

Lab File: BF080931.D

Acq: 7 Aug 2015 17:23

Tot Ion: 99

Sig Exp Ratio

99 100

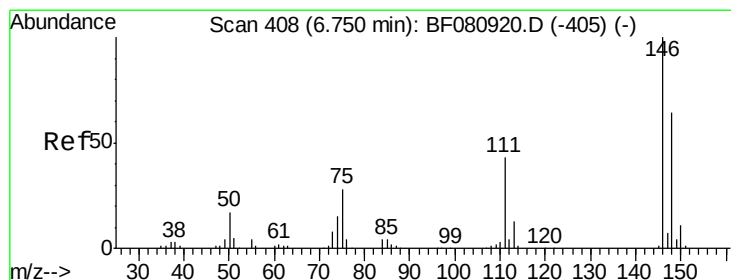
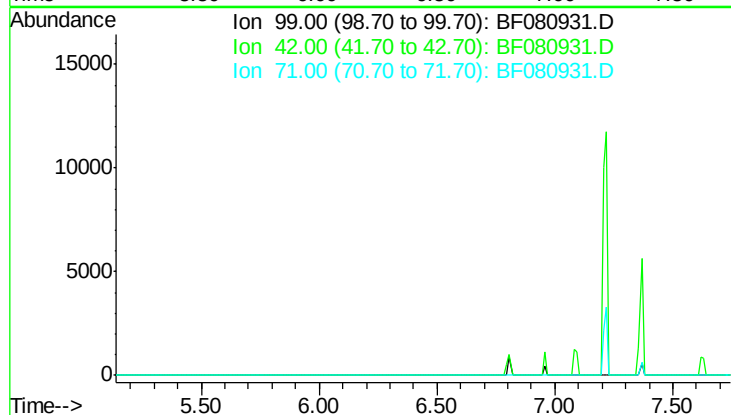
42 18.0

71 32.3

Instrument :

BNA_F

ClientSampleId :



#12

1,3-Dichlorobenzene

Concen: 3.79 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.23 min

Lab File: BF080931.D

Acq: 7 Aug 2015 17:23

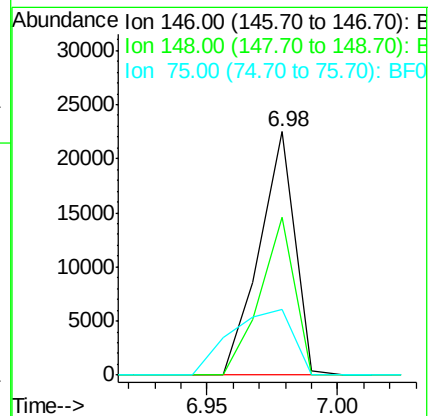
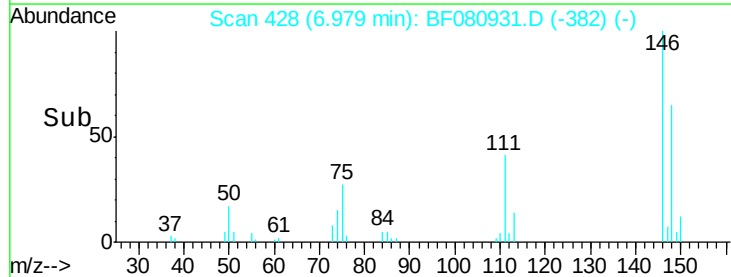
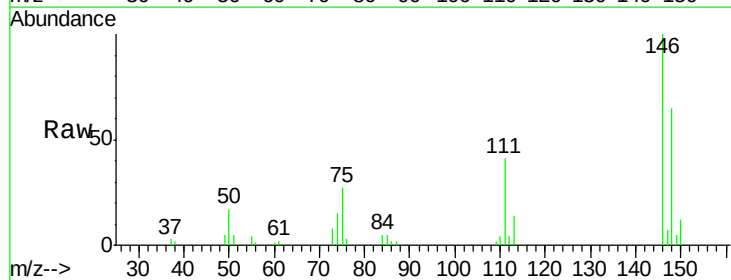
Tgt Ion:146 Resp: 21576

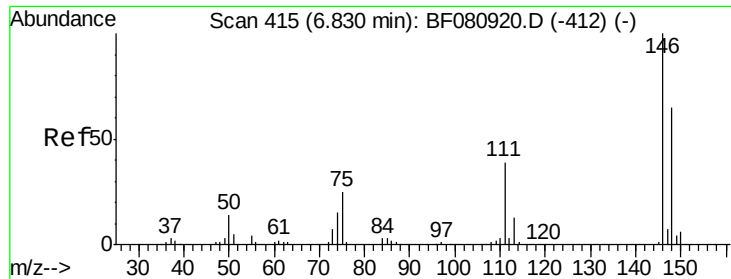
Ion Ratio Lower Upper

146 100

148 64.6 51.4 77.0

75 27.2 22.2 33.4

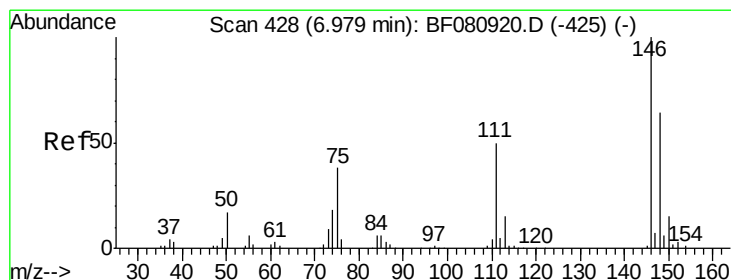
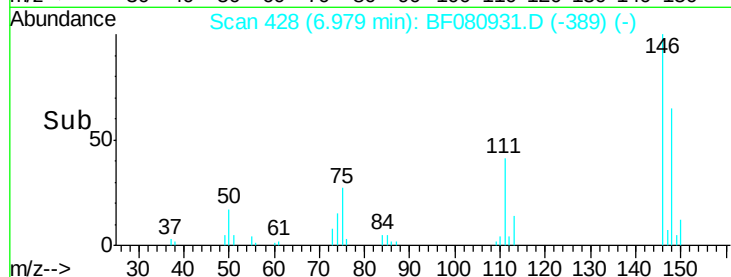
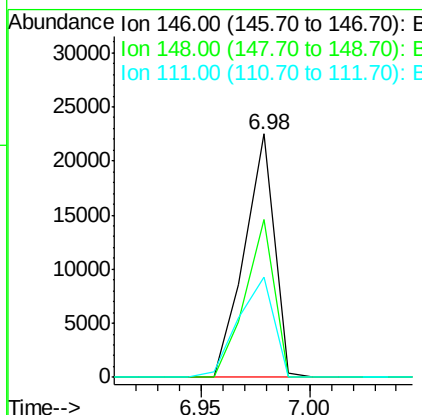
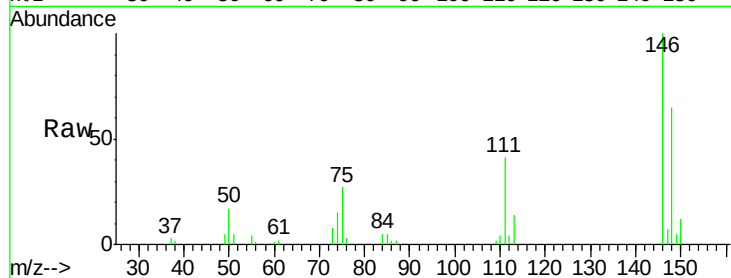




#13
 1,4-Dichlorobenzene
 Concen: 3.65 ng
 RT: 6.98 min Scan# 428
 Delta R.T. 0.15 min
 Lab File: BF080931.D
 Acq: 7 Aug 2015 17:23

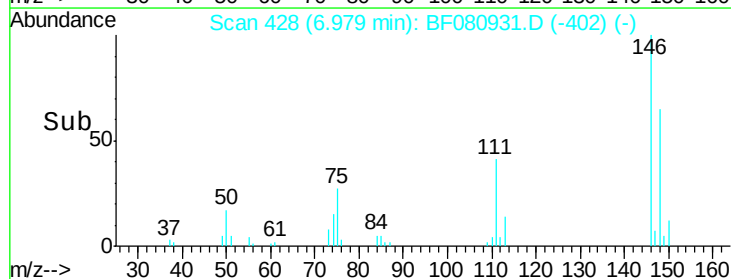
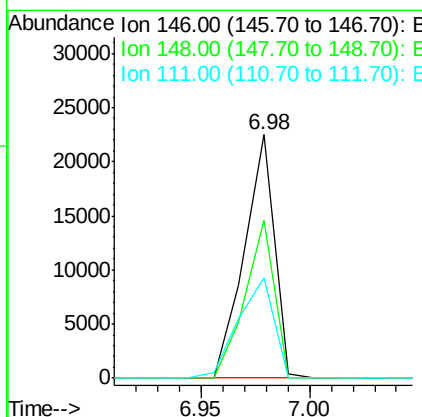
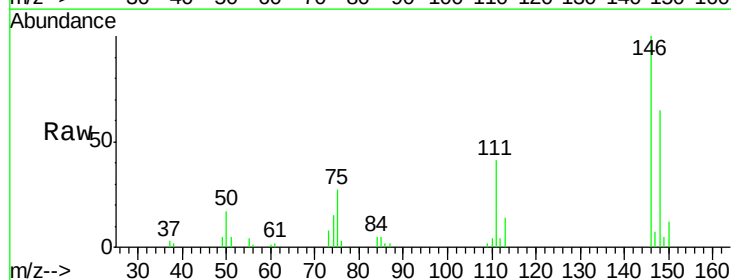
Instrument :
 BNA_F
 ClientSampleId :

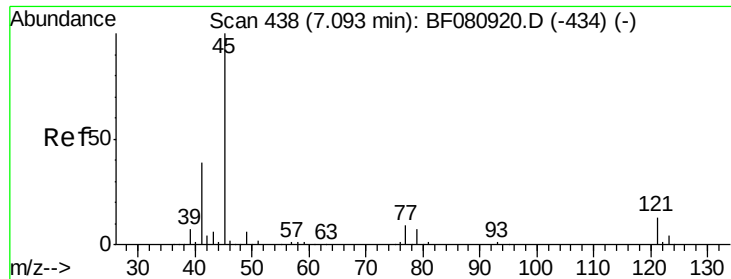
Tot Ion:146 Resp: 21577
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.2 78.4
 111 41.2 31.5 47.3



#14
 1,2-Dichlorobenzene
 Concen: 4.03 ng
 RT: 6.98 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BF080931.D
 Acq: 7 Aug 2015 17:23

Tgt Ion:146 Resp: 21577
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.1 76.7
 111 41.2 40.0 60.0

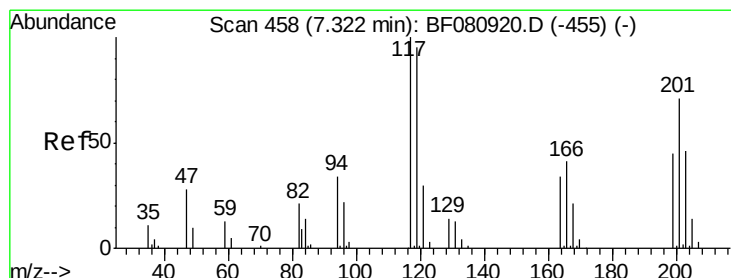
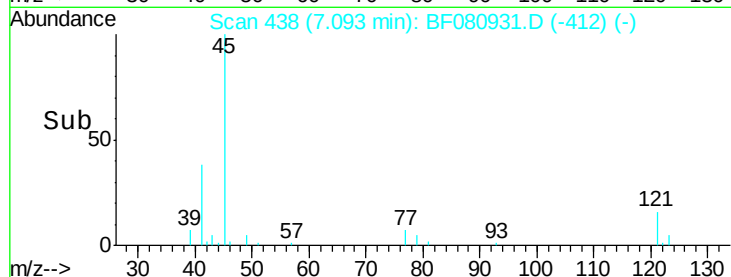
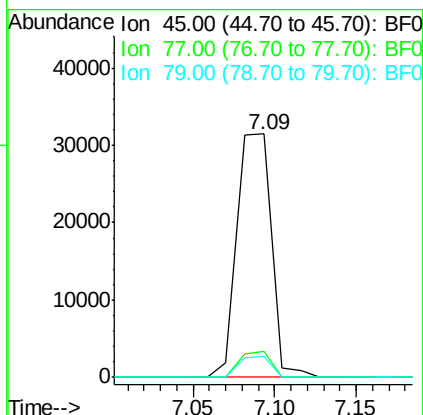
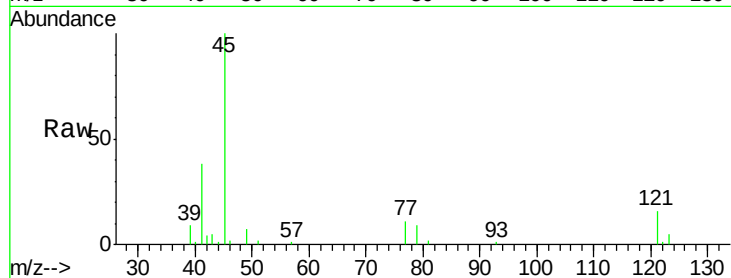




#16
 2,2'-oxvbis(1-Chloropropane)
 Concen: 4.04 ng
 RT: 7.09 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: BF080931.D
 Acq: 7 Aug 2015 17:23

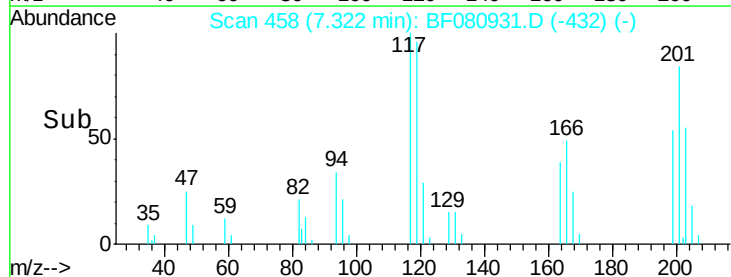
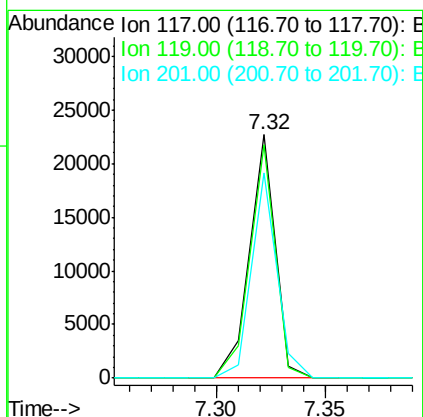
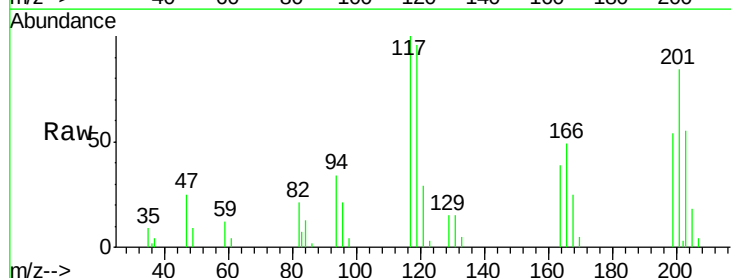
Instrument :
 BNA_F
 ClientSampleId :

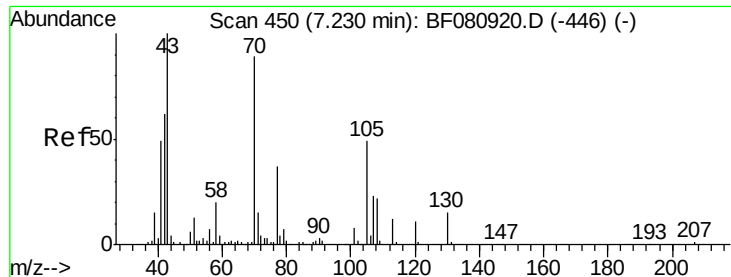
Tot Ion	45	Resp	45772
Ion Ratio	100	Lower	Upper
77	10.9	0.0	29.6
79	8.5	0.0	27.7



#18
 Hexachloroethane
 Concen: 8.25 ng
 RT: 7.32 min Scan# 458
 Delta R.T. 0.00 min
 Lab File: BF080931.D
 Acq: 7 Aug 2015 17:23

Tgt Ion	117	Resp	18717
Ion Ratio	100	Lower	Upper
119	95.7	76.3	114.5
201	84.4	57.0	85.6

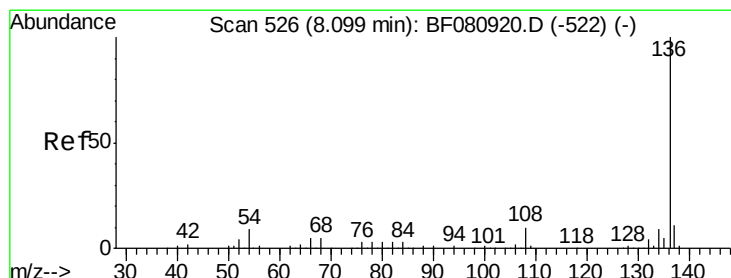
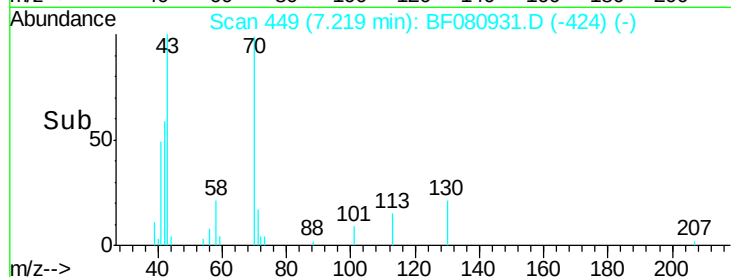
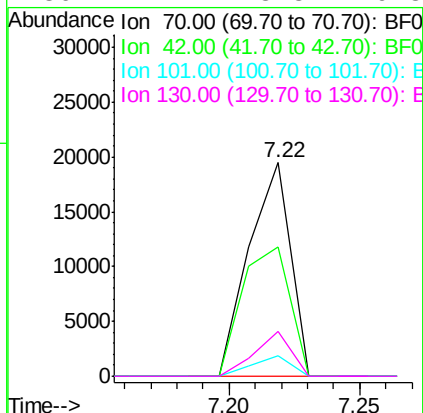
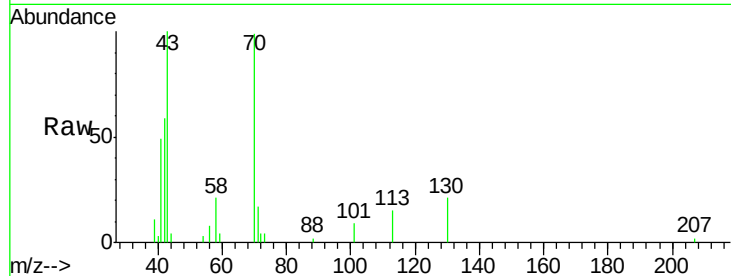




#19
n-Nitroso-di-n-propylamine
Concen: 4.62 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

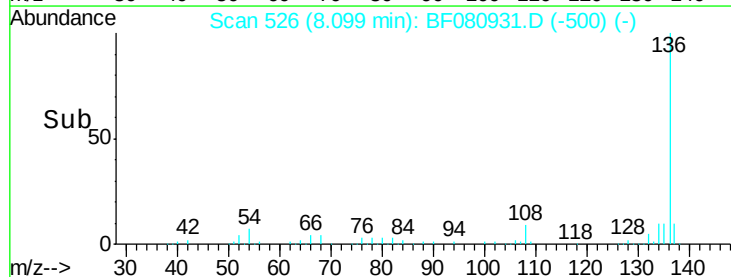
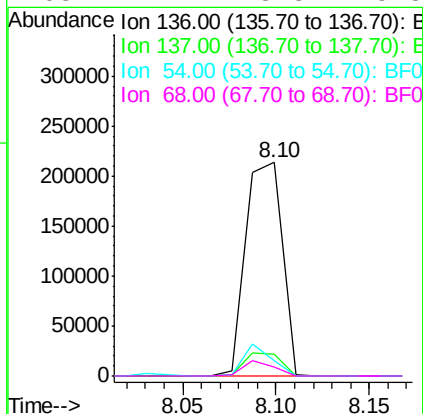
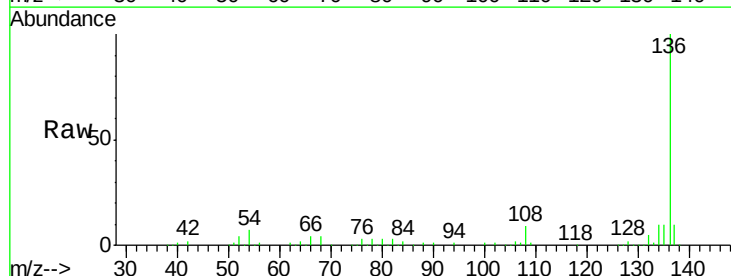
Instrument :
BNA_F
ClientSampled :

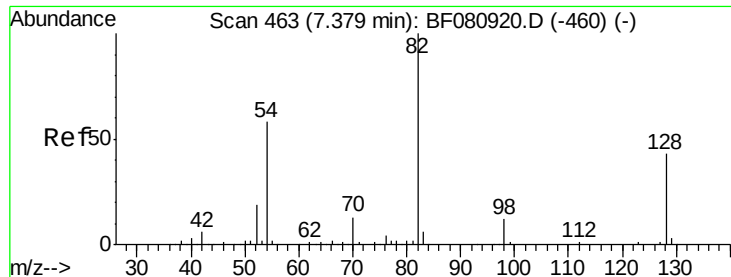
Tot Ion: 70 Resp: 21448
Ion Ratio Lower Upper
70 100
42 60.3 55.7 83.5
101 9.4 7.0 10.6
130 21.2 13.8 20.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion: 136 Resp: 290764
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 7.1 7.1 10.7#
68 4.2 3.8 5.8

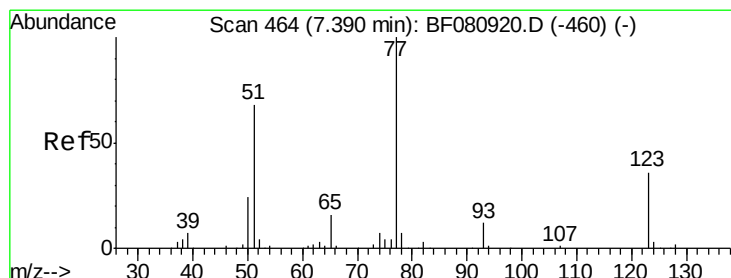
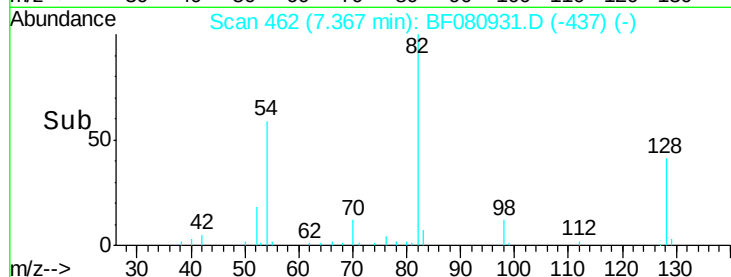
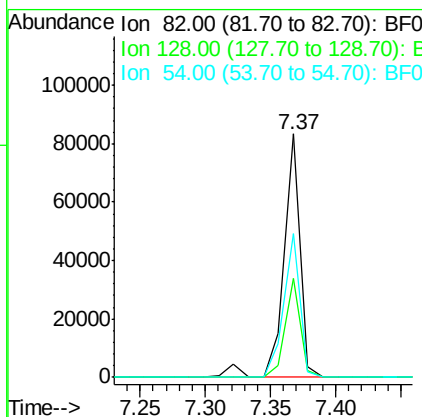
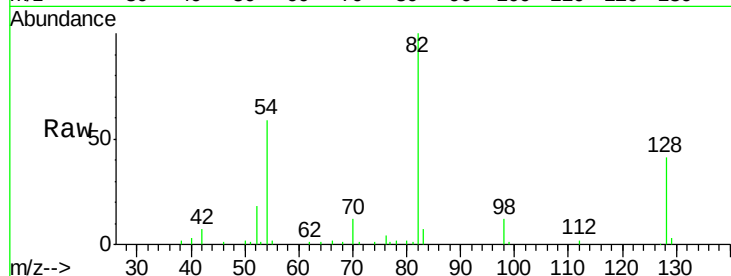




#23
 Nitrobenzene-d5
 Concen: 12.03 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF080931.D
 Acq: 7 Aug 2015 17:23

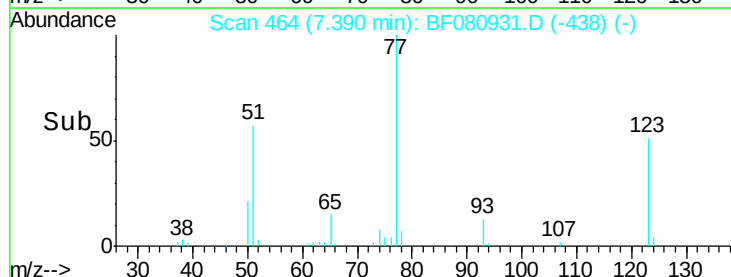
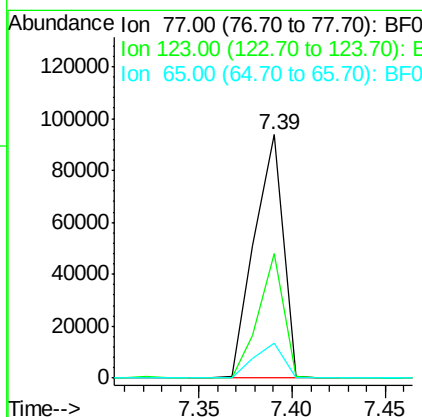
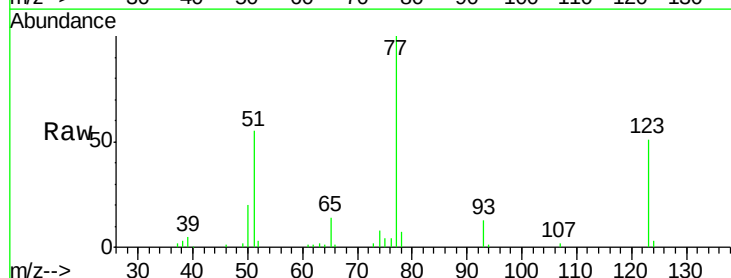
Instrument :
 BNA_F
 ClientSampleId :

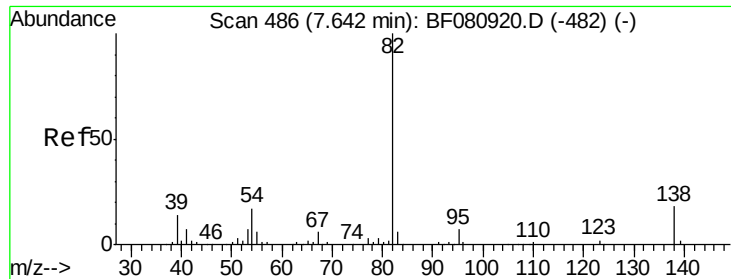
Tot Ion: 82 Resp: 73978
 Ion Ratio Lower Upper
 82 100
 128 40.7 34.1 51.1
 54 59.1 46.5 69.7



#24
 Nitrobenzene
 Concen: 15.84 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF080931.D
 Acq: 7 Aug 2015 17:23

Tgt Ion: 77 Resp: 100272
 Ion Ratio Lower Upper
 77 100
 123 51.0 28.7 43.1#
 65 14.2 12.5 18.7





#25

Isophorone

Concen: 5.66 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF080931.D

Acq: 7 Aug 2015 17:23

Instrument :

BNA_F

ClientSampleId :

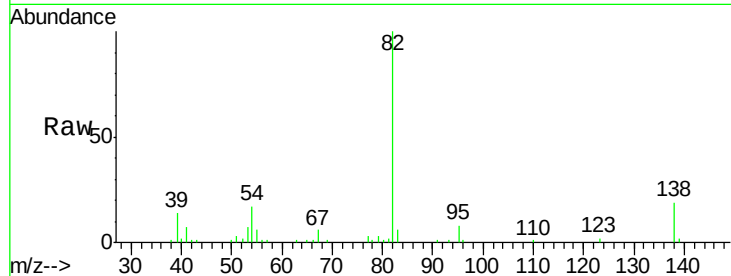
Tot Ion: 82 Resp: 66853

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.6

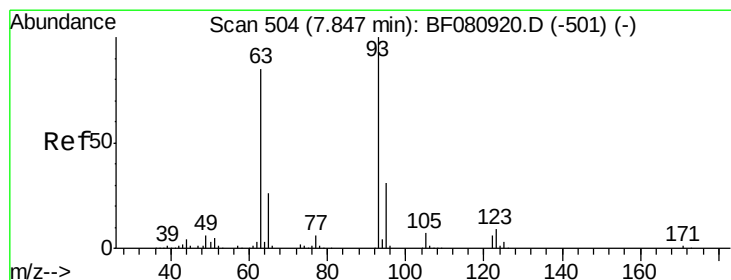
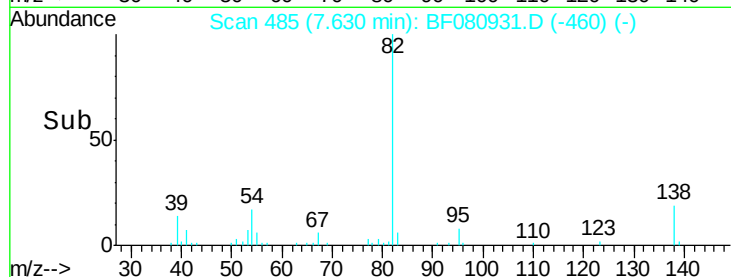
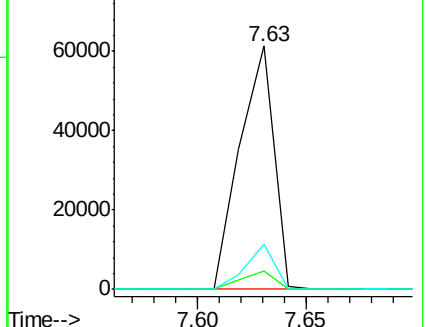
138 18.8 14.1 21.1



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#28

bis(2-Chloroethoxy)methane

Concen: 20.56 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF080931.D

Acq: 7 Aug 2015 17:23

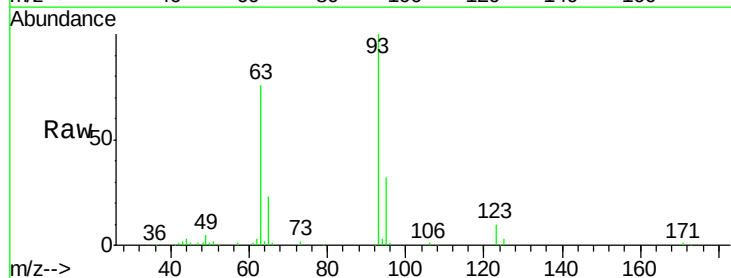
Tgt Ion: 93 Resp: 145941

Ion Ratio Lower Upper

93 100

95 32.1 25.0 37.4

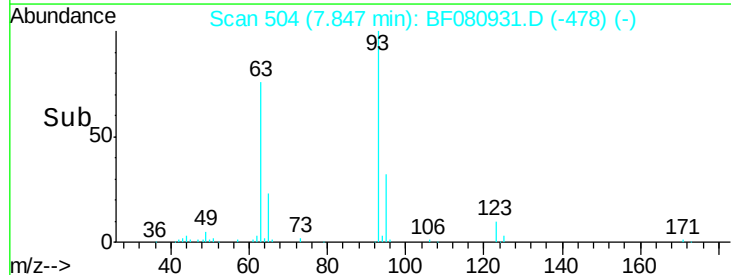
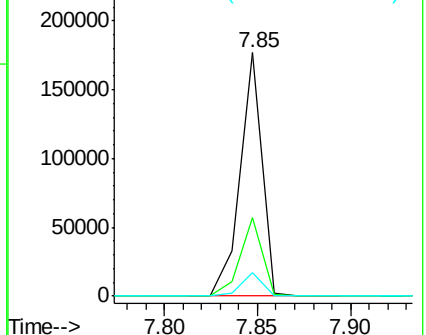
123 9.7 7.4 11.0

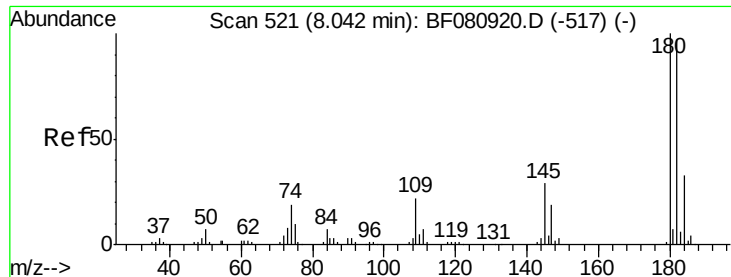


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

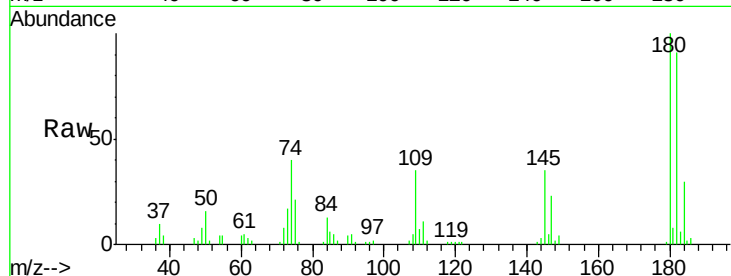




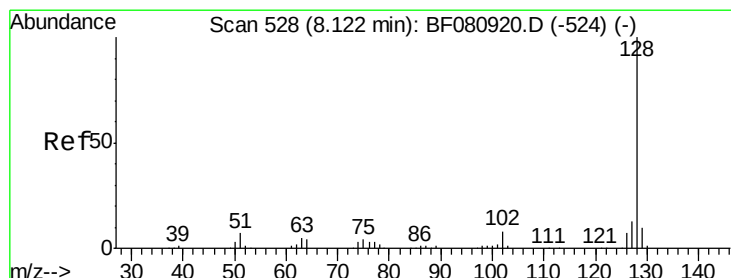
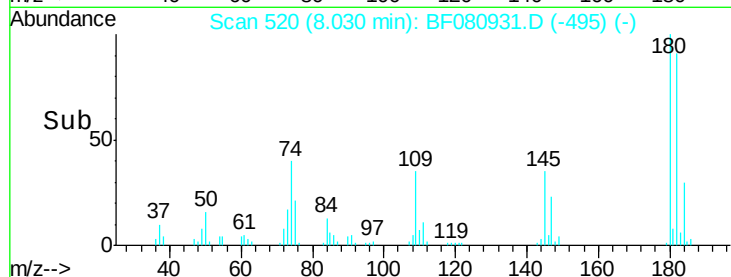
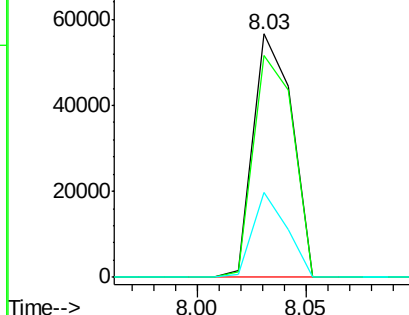
#30
 1,2,4-Trichlorobenzene
 Concen: 15.70 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.01 min
 Lab File: BF080931.D
 Acq: 7 Aug 2015 17:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:180 Resp: 70306
 Ion Ratio Lower Upper
 180 100
 182 91.1 77.4 116.0
 145 34.7 23.2 34.8

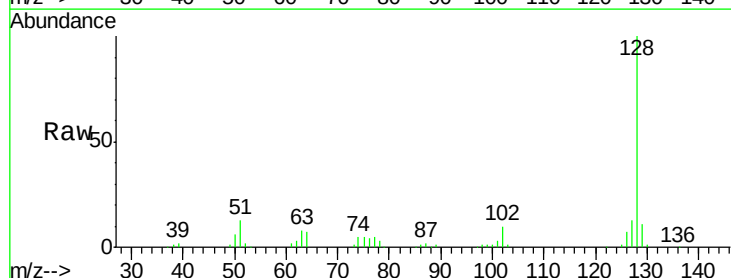


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

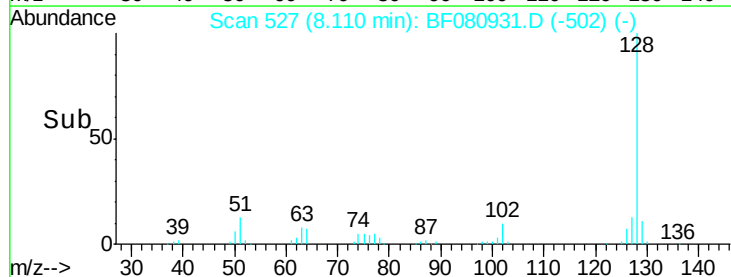
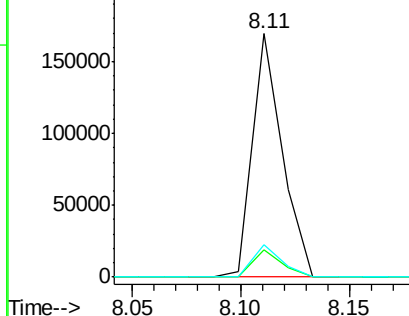


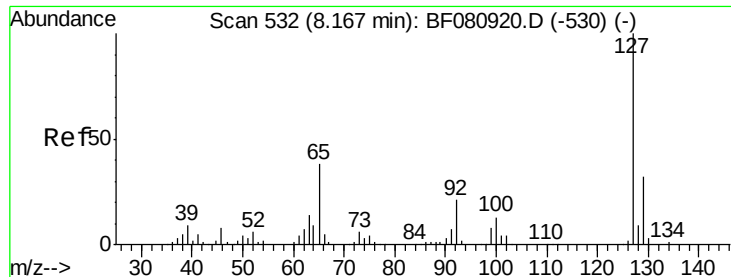
#31
 Naphthalene
 Concen: 10.03 ng
 RT: 8.11 min Scan# 527
 Delta R.T. -0.01 min
 Lab File: BF080931.D
 Acq: 7 Aug 2015 17:23

Tgt Ion:128 Resp: 160766
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.4 12.6
 127 13.1 10.5 15.7



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

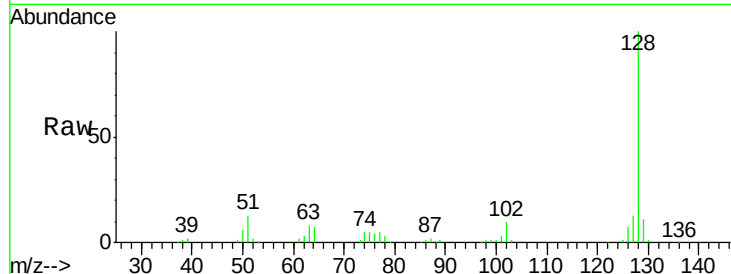




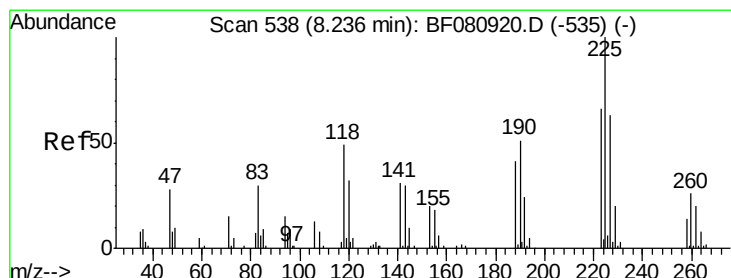
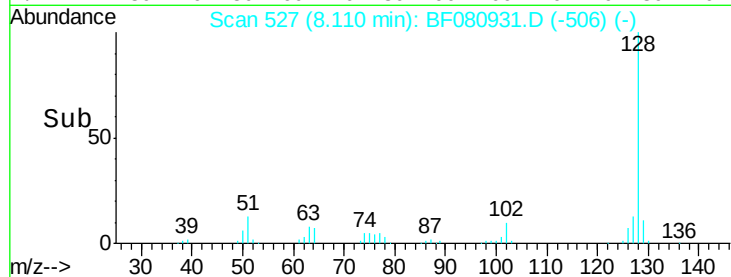
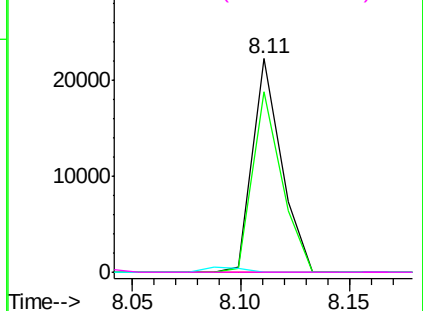
#33
4-Chloroaniline
Concen: 3.18 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.06 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 20691
Ion Ratio Lower Upper
127 100
129 84.5 25.9 38.9#
65 0.0 30.6 45.8#
92 0.0 16.9 25.3#

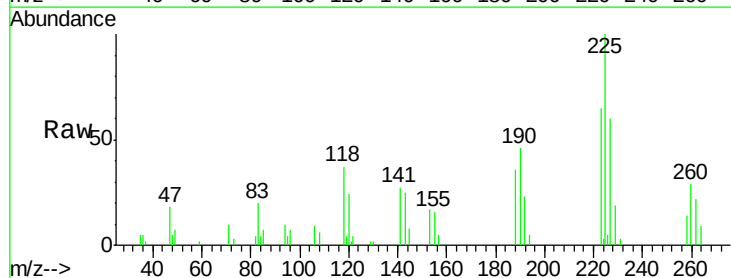


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

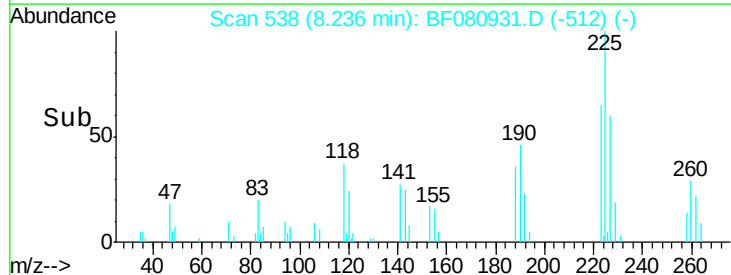
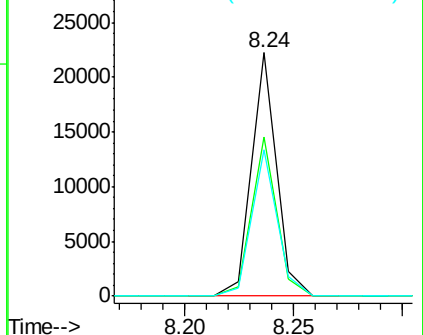


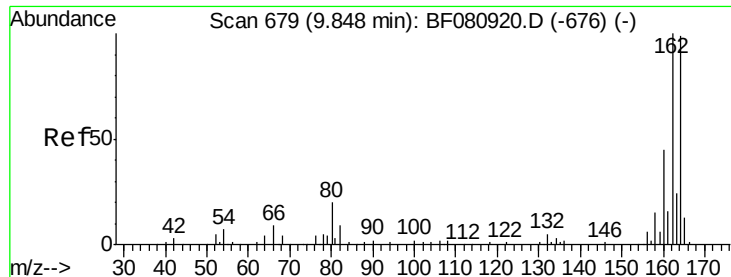
#34
Hexachlorobutadiene
Concen: 6.66 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion:225 Resp: 17738
Ion Ratio Lower Upper
225 100
223 65.4 52.5 78.7
227 60.3 50.3 75.5



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF080931.D

Acq: 7 Aug 2015 17:23

Instrument :

BNA_F

ClientSampleId :

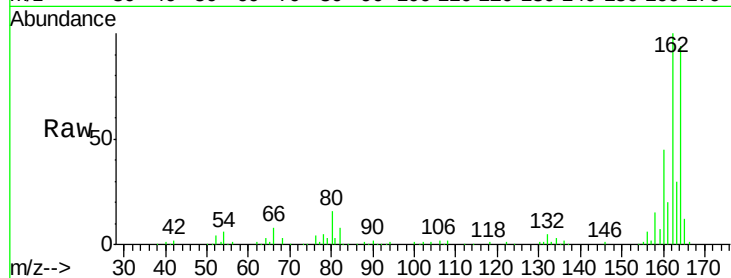
Tot Ion:164 Resp: 159431

Ion Ratio Lower Upper

164 100

162 106.2 80.5 120.7

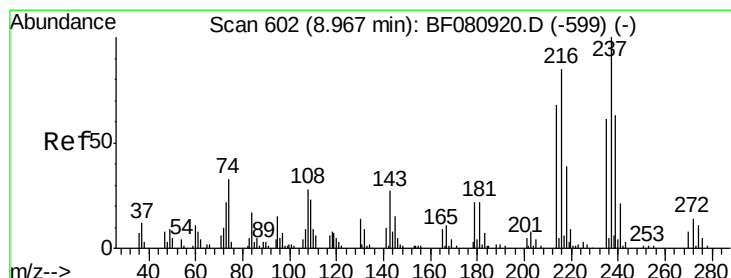
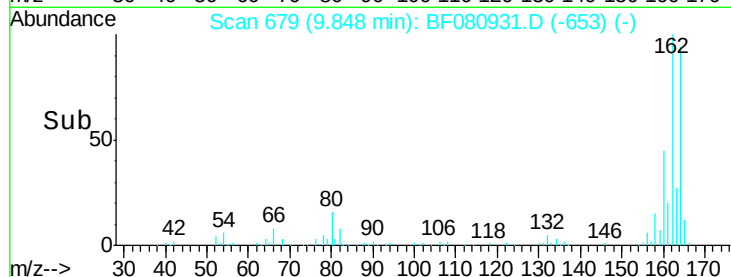
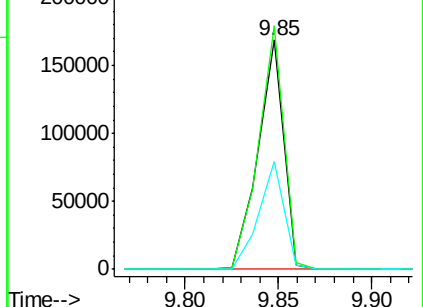
160 47.3 36.6 54.8



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



#40

Hexachlorocyclopentadiene

Concen: 8.58 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.01 min

Lab File: BF080931.D

Acq: 7 Aug 2015 17:23

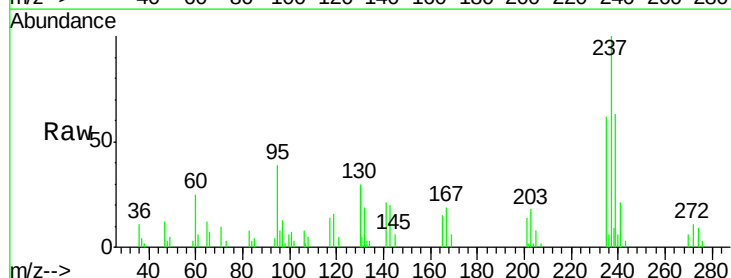
Tgt Ion:237 Resp: 23012

Ion Ratio Lower Upper

237 100

235 62.2 41.3 81.3

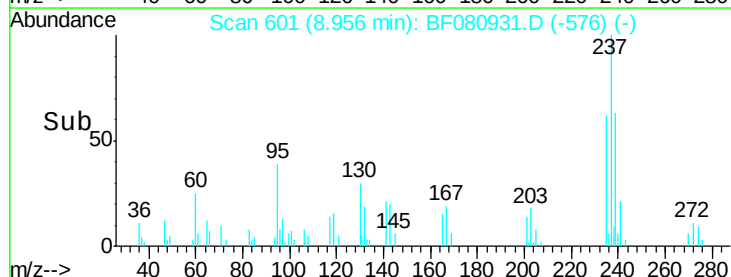
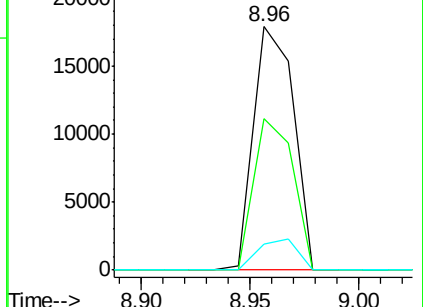
272 10.7 0.0 33.6

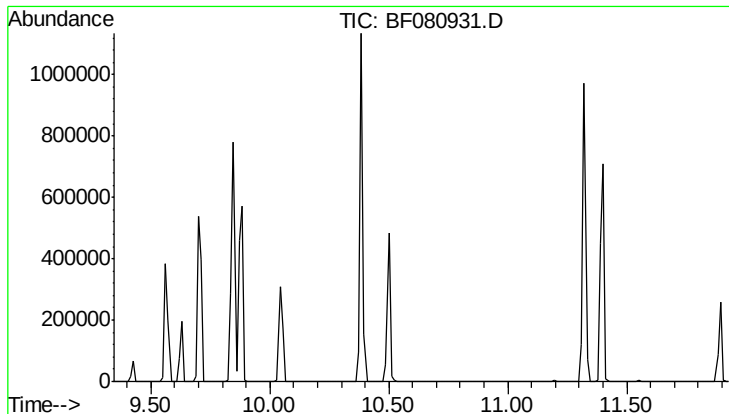


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

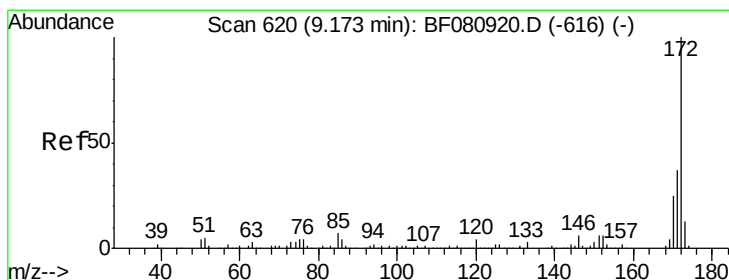
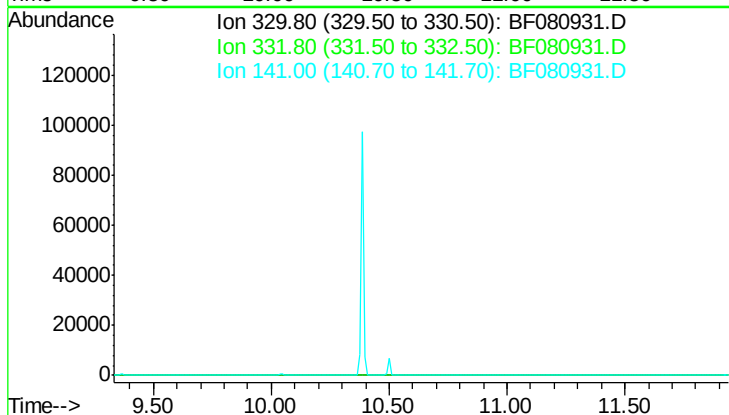




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.64 min
 Lab File: BF080931.D
 Acq: 7 Aug 2015 17:23

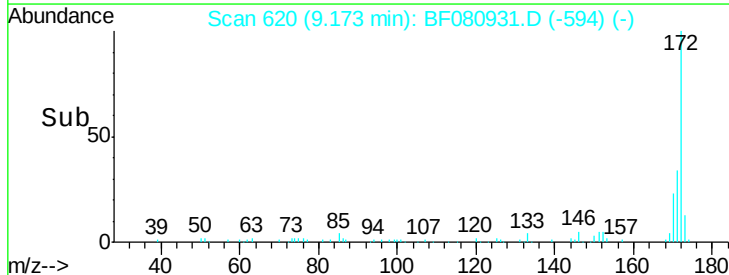
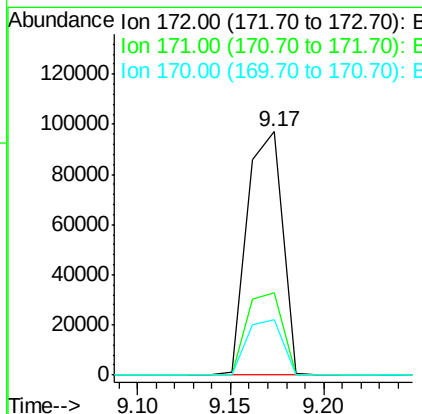
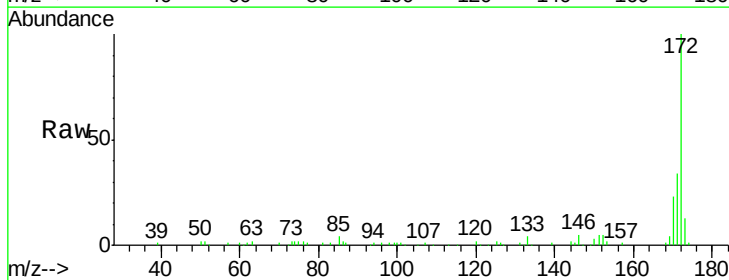
Instrument :
 BNA_F
 ClientSampleId :

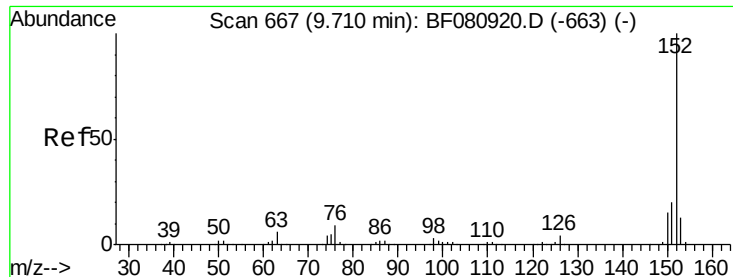
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 95.3
 141 34.8



#44
 2-Fluorobiphenyl
 Concen: 11.21 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF080931.D
 Acq: 7 Aug 2015 17:23

Tgt Ion: 172 Resp: 127001
 Ion Ratio Lower Upper
 172 100
 171 33.6 29.4 44.0
 170 23.0 19.7 29.5





#48

Acenaphthylene

Concen: 16.89 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.01 min

Lab File: BF080931.D

Acq: 7 Aug 2015 17:23

Instrument :

BNA_F

ClientSampleId :

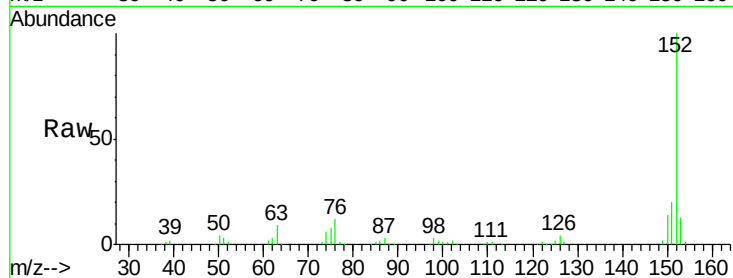
Tot Ion:152 Resp: 313329

Ion Ratio Lower Upper

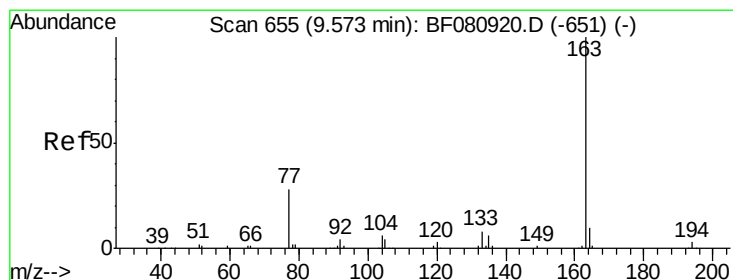
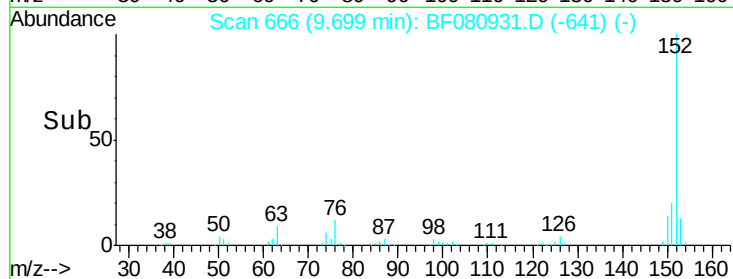
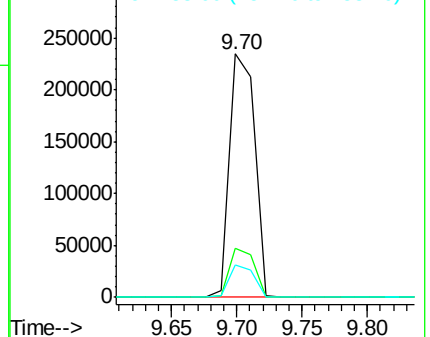
152 100

151 20.0 16.3 24.5

153 13.4 10.5 15.7



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: 13.52 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF080931.D

Acq: 7 Aug 2015 17:23

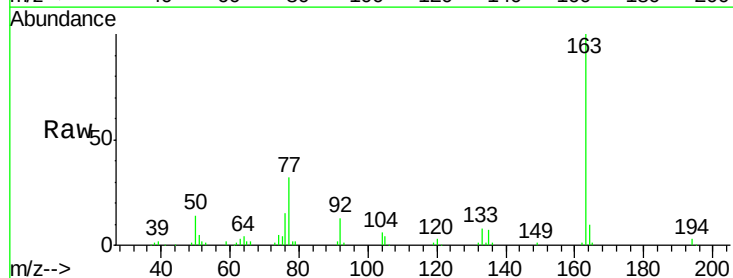
Tgt Ion:163 Resp: 178999

Ion Ratio Lower Upper

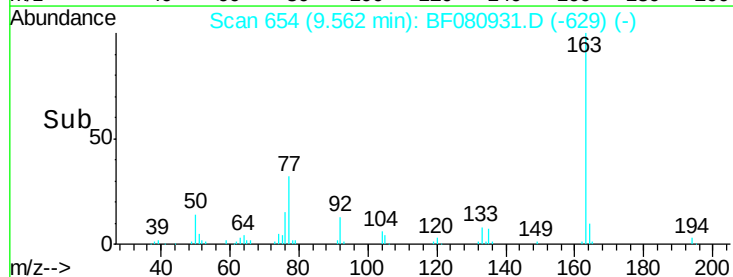
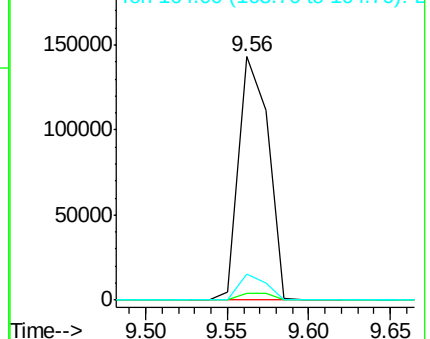
163 100

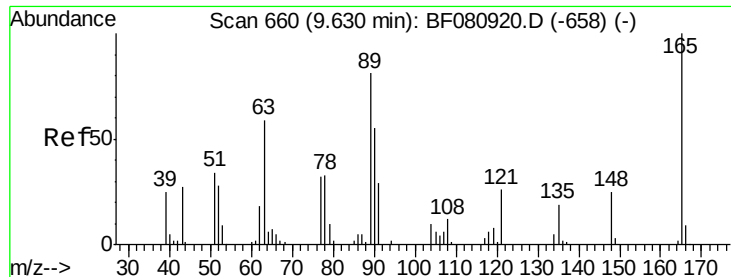
194 2.9 2.4 3.6

164 10.4 8.2 12.4



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

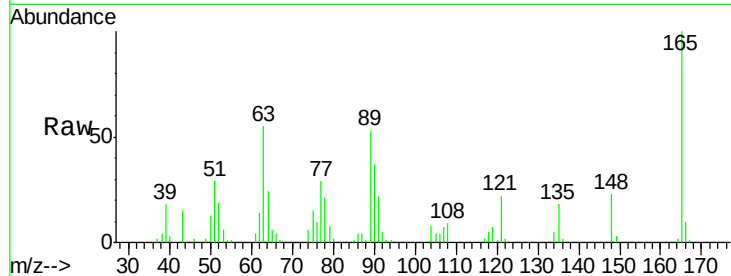




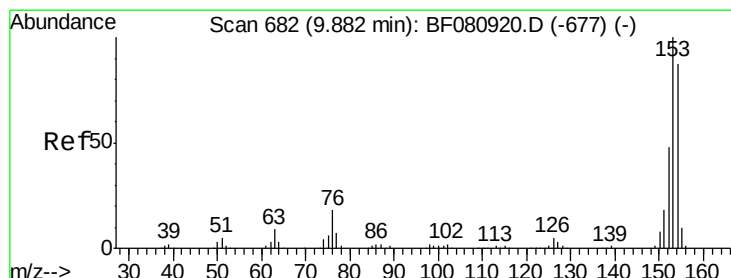
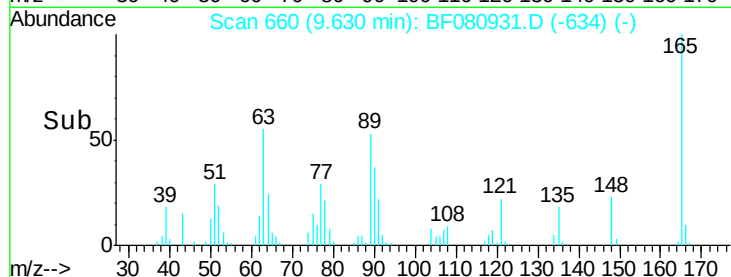
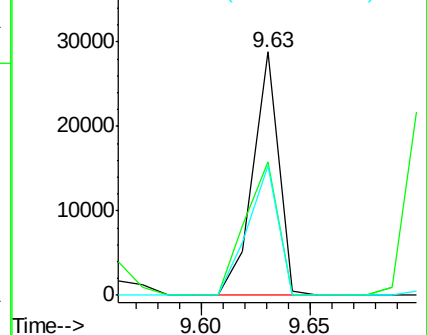
#50
 2,6-Dinitrotoluene
 Concen: 8.66 ng
 RT: 9.63 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: BF080931.D
 Acq: 7 Aug 2015 17:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 23697
 Ion Ratio Lower Upper
 165 100
 63 54.9 77.6 116.4#
 89 53.4 64.5 96.7#

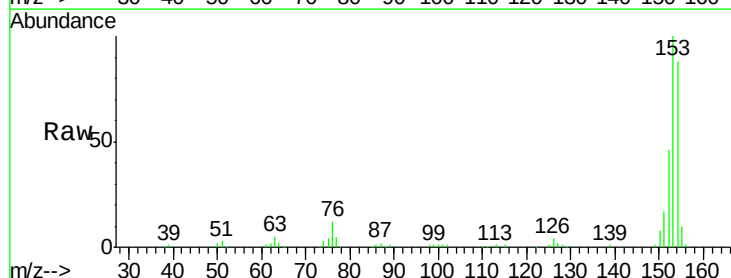


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

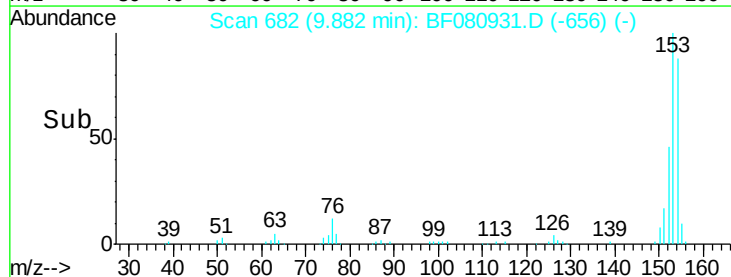
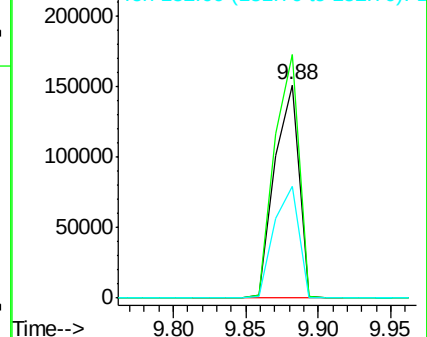


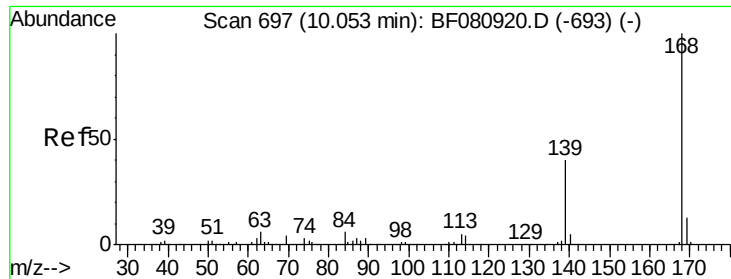
#51
 Acenaphthene
 Concen: 15.47 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF080931.D
 Acq: 7 Aug 2015 17:23

Tgt Ion:154 Resp: 175690
 Ion Ratio Lower Upper
 154 100
 153 114.1 91.4 137.2
 152 52.7 44.2 66.4



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

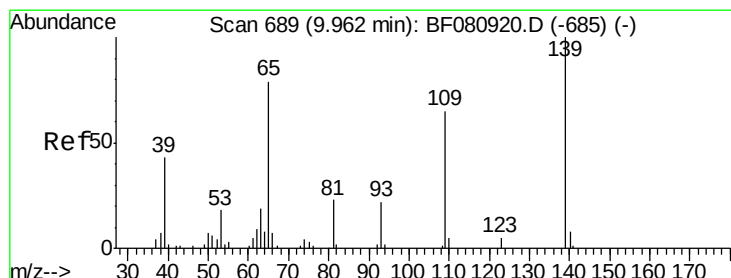
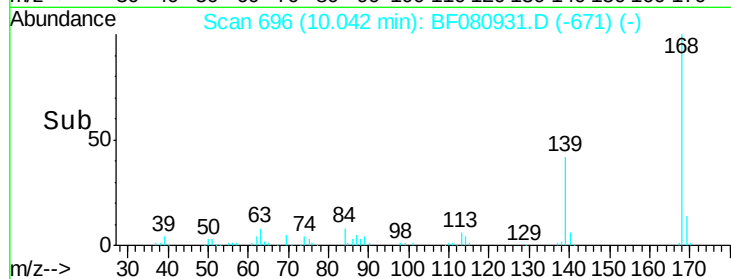
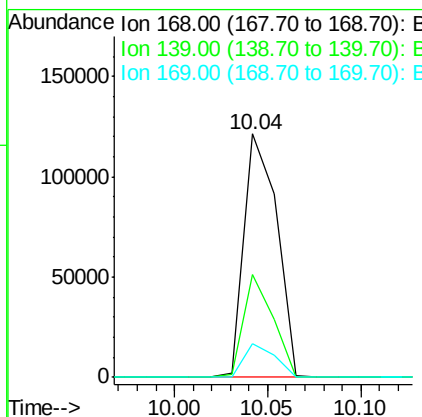
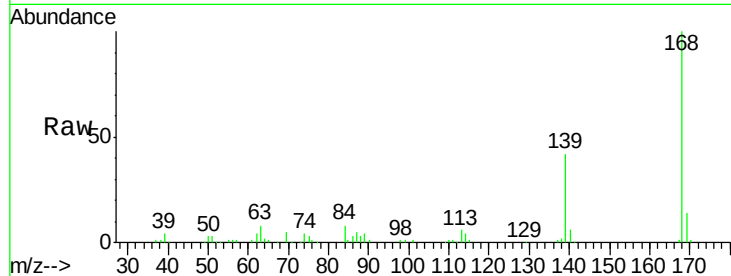




#54
Dibenzenofuran
Concen: 9.65 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

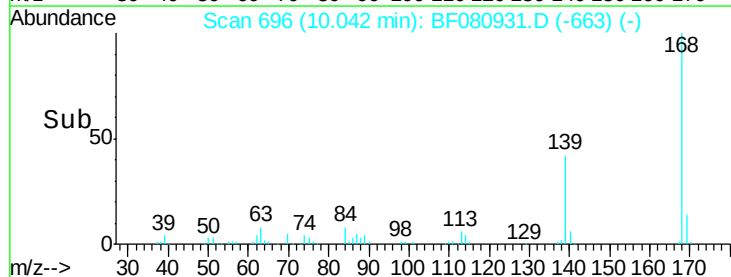
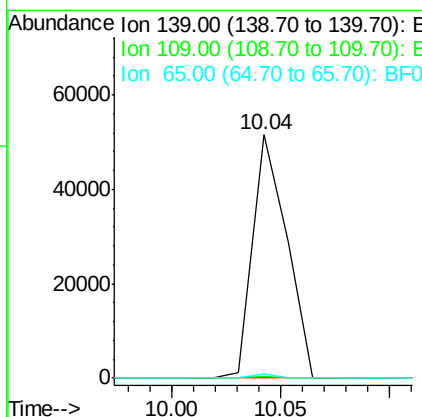
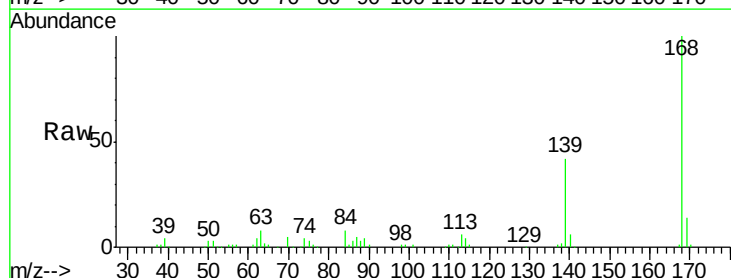
Instrument :
BNA_F
ClientSampleId :

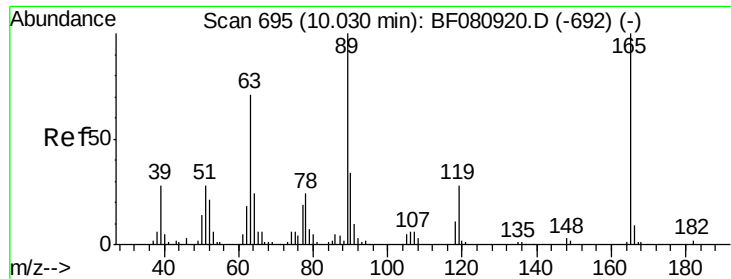
Tot Ion:168 Resp: 148197
Ion Ratio Lower Upper
168 100
139 42.5 31.9 47.9
169 14.1 10.6 15.8



#55
4-Nitrophenol
Concen: 22.12 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.08 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion:139 Resp: 55857
Ion Ratio Lower Upper
139 100
109 0.8 44.7 84.7#
65 1.8 59.5 99.5#





#56

2,4-Dinitrotoluene

Concen: 5.51 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.18 min

Lab File: BF080931.D

Acq: 7 Aug 2015 17:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 20158

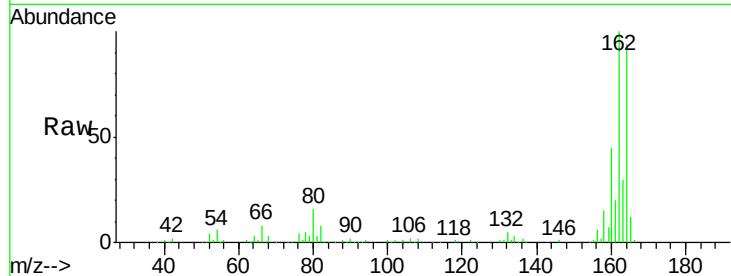
Ion Ratio Lower Upper

165 100

63 1.5 56.7 85.1#

89 1.7 80.4 120.6#

182 0.0 1.5 2.3#

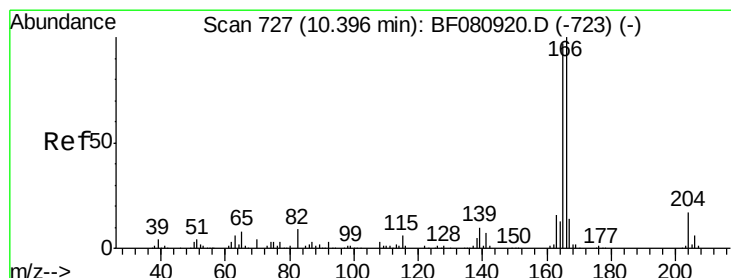
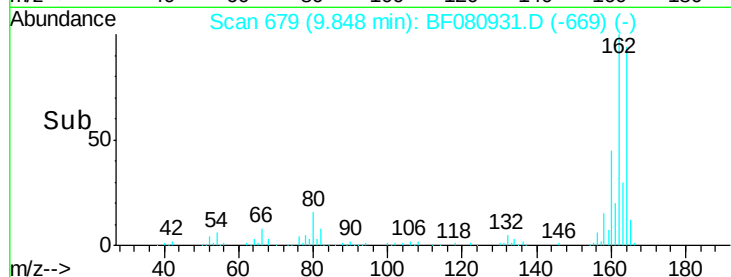
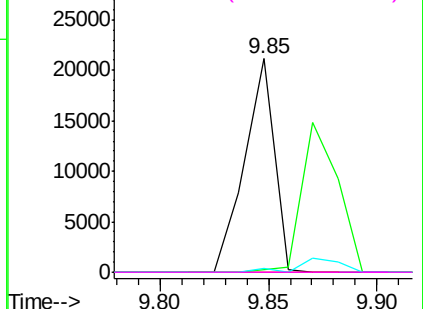


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 8.20 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF080931.D

Acq: 7 Aug 2015 17:23

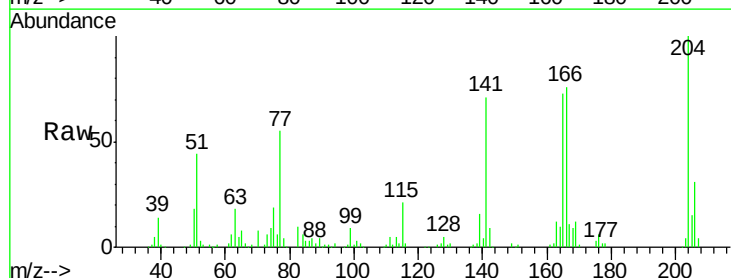
Tgt Ion:166 Resp: 97384

Ion Ratio Lower Upper

166 100

165 96.7 77.2 115.8

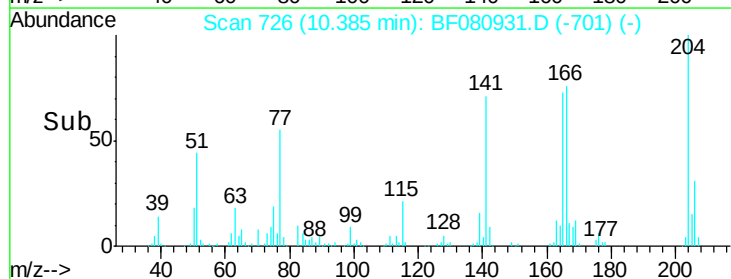
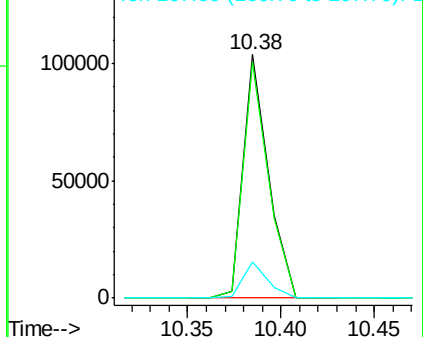
167 14.9 10.8 16.2

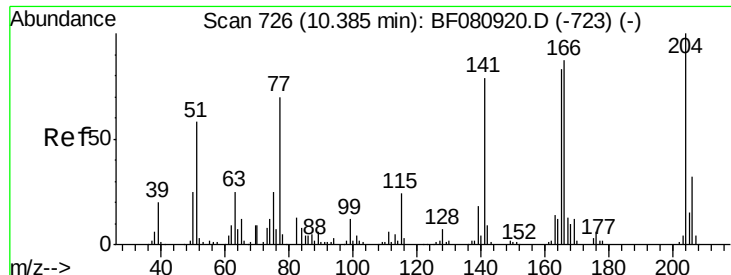


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

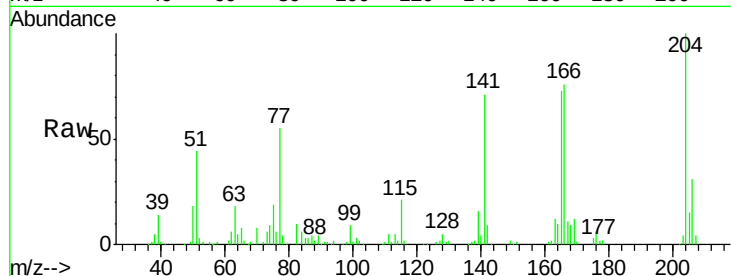




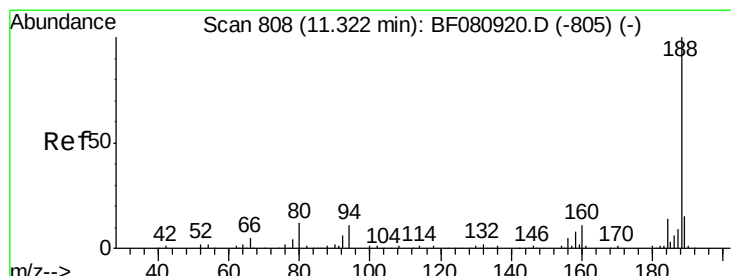
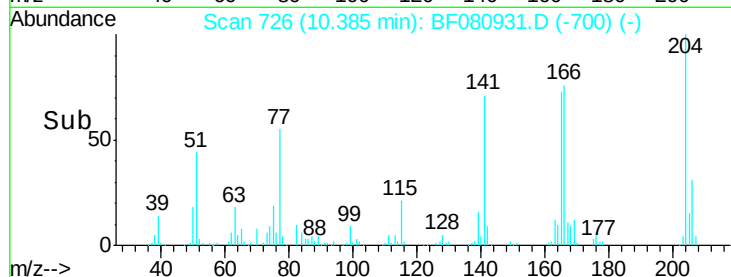
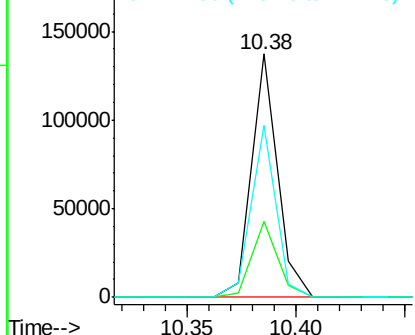
#60
4-Chlorophenyl-phenylether
Concen: 19.62 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 113608
Ion Ratio Lower Upper
204 100
206 31.3 25.5 38.3
141 70.8 63.4 95.0

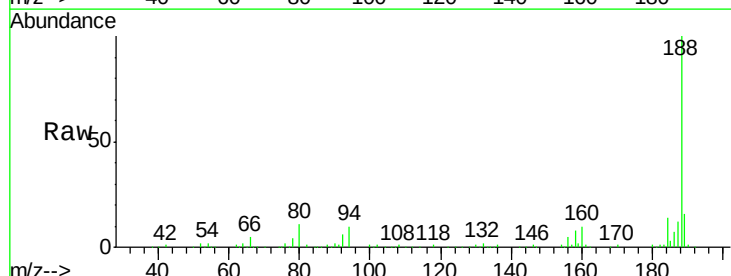


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

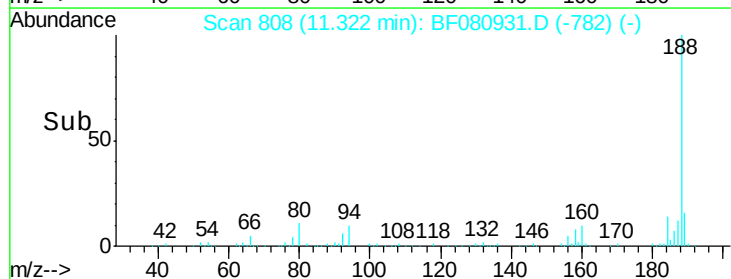
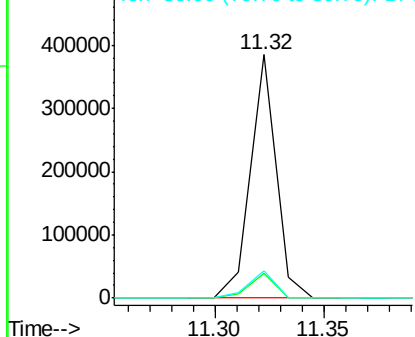


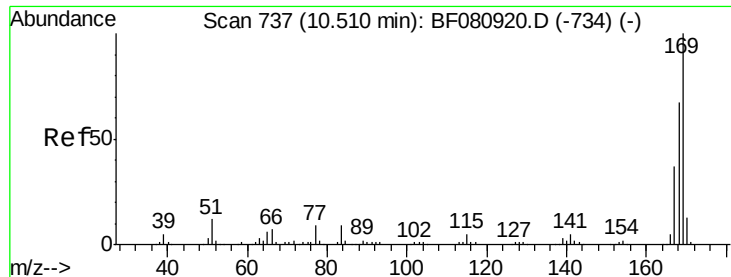
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion:188 Resp: 316124
Ion Ratio Lower Upper
188 100
94 10.1 8.8 13.2
80 11.5 9.5 14.3



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

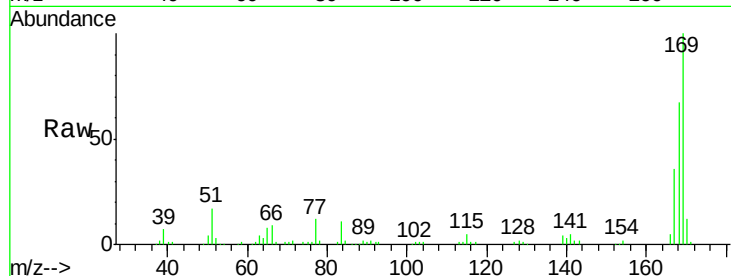




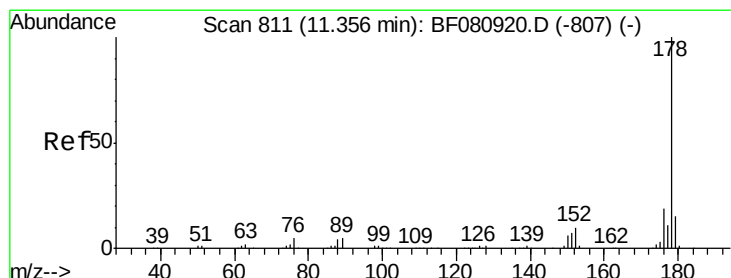
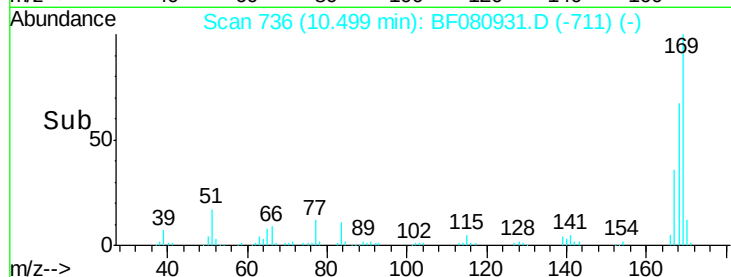
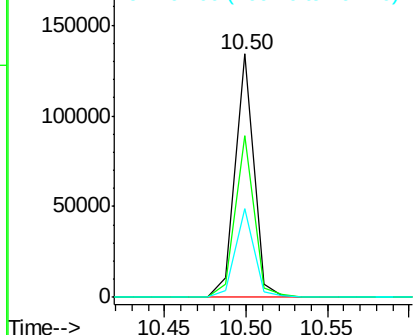
#65
 n-Nitrosodiphenylamine
 Concen: 9.56 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF080931.D
 Acq: 7 Aug 2015 17:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 105005
 Ion Ratio Lower Upper
 169 100
 168 66.5 53.7 80.5
 167 36.2 29.3 43.9

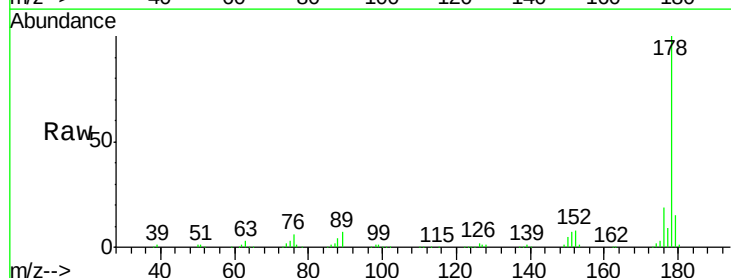


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

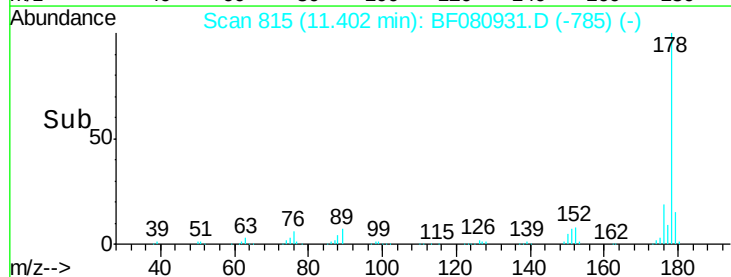
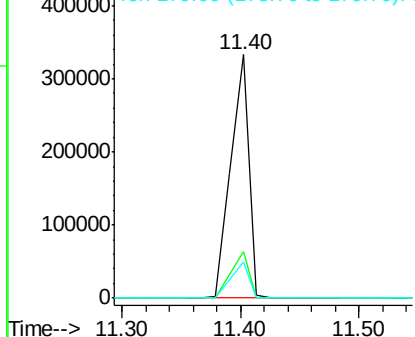


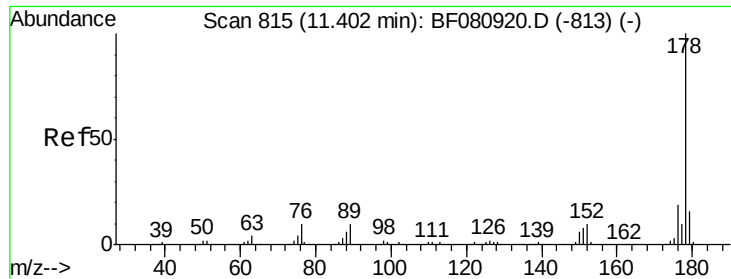
#70
 Phenanthrene
 Concen: 19.65 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.05 min
 Lab File: BF080931.D
 Acq: 7 Aug 2015 17:23

Tgt Ion:178 Resp: 351714
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.6 23.4
 179 14.8 11.9 17.9



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

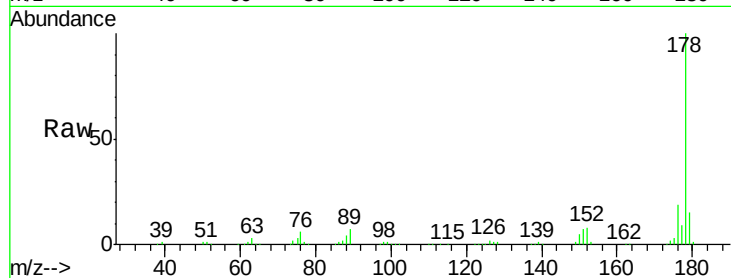




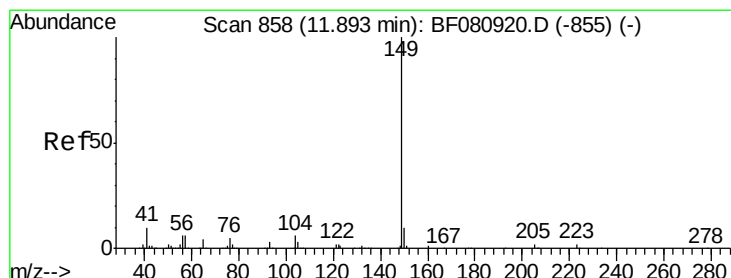
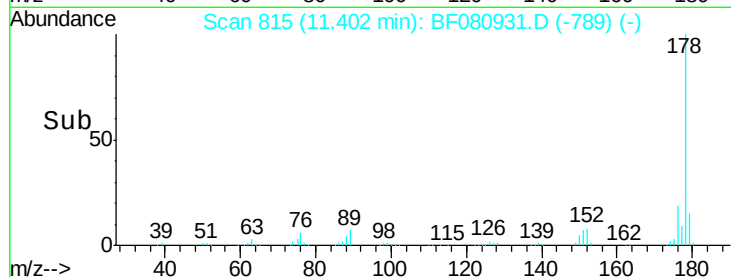
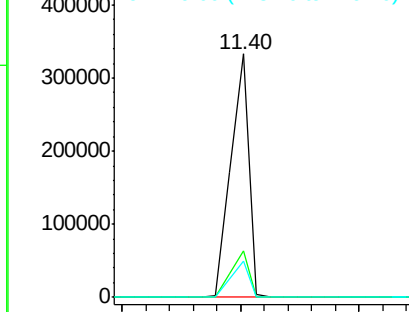
#71
 Anthracene
 Concen: 19.85 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF080931.D
 Acq: 7 Aug 2015 17:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 351714
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.5 23.3
 179 14.8 12.6 18.8

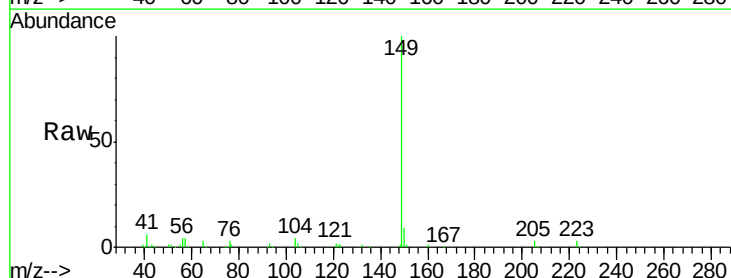


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

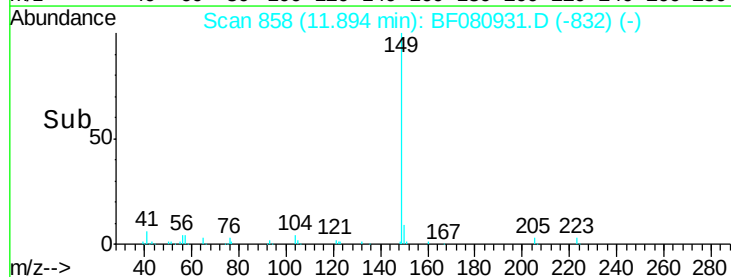
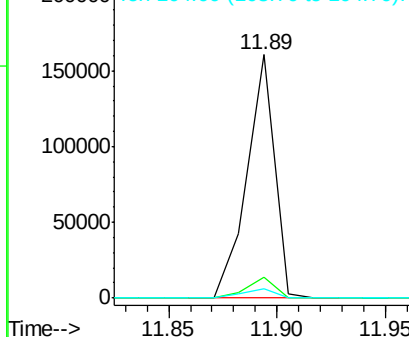


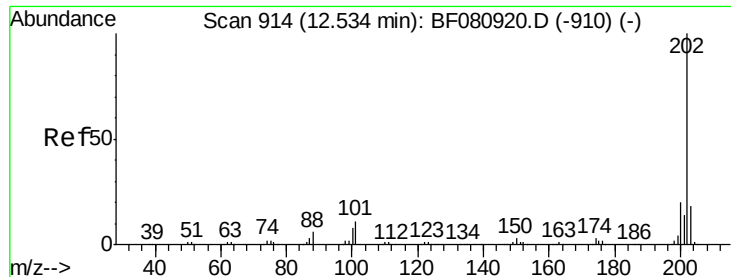
#73
 Di-n-butylphthalate
 Concen: 6.54 ng
 RT: 11.89 min Scan# 858
 Delta R.T. 0.00 min
 Lab File: BF080931.D
 Acq: 7 Aug 2015 17:23

Tgt Ion:149 Resp: 141178
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.6 11.4
 104 4.0 4.4 6.6#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

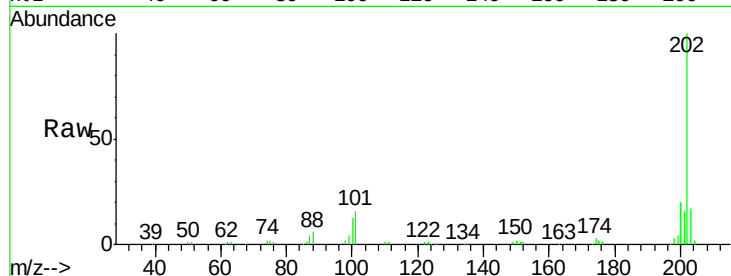




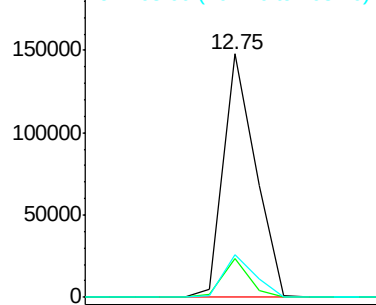
#74
 Fluoranthene
 Concen: 7.86 ng
 RT: 12.75 min Scan# 933
 Delta R.T. 0.22 min
 Lab File: BF080931.D
 Acq: 7 Aug 2015 17:23

Instrument :
 BNA_F
 ClientSampleId :

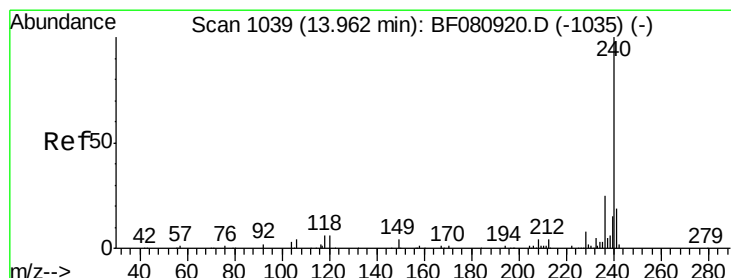
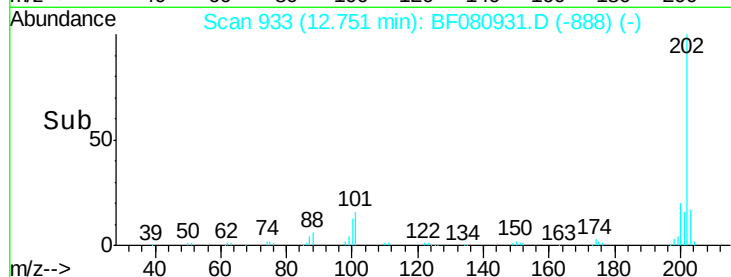
Tot Ion	Ratio	Lower	Upper
202	100		
101	15.7	0.0	30.5
203	17.4	0.0	37.7



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

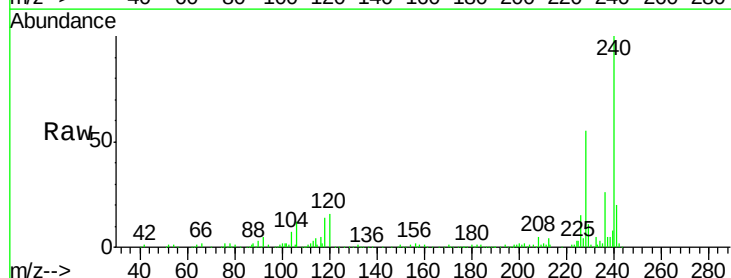


Time-->

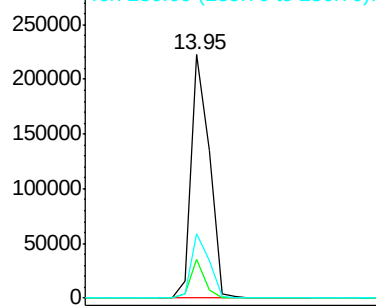


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF080931.D
 Acq: 7 Aug 2015 17:23

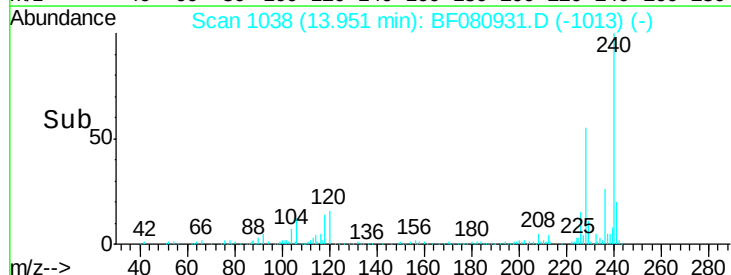
Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.1	5.2	7.8#
236	26.3	20.2	30.4

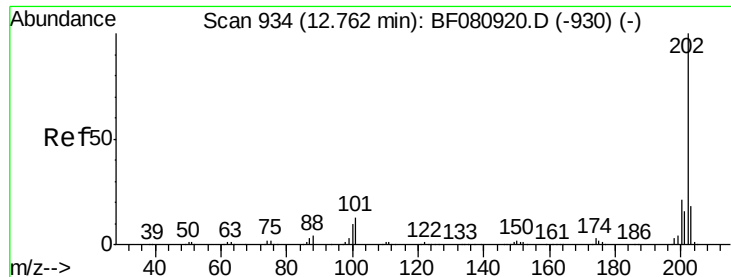


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



Time-->

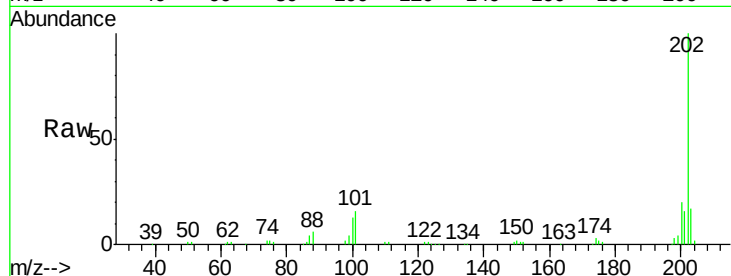




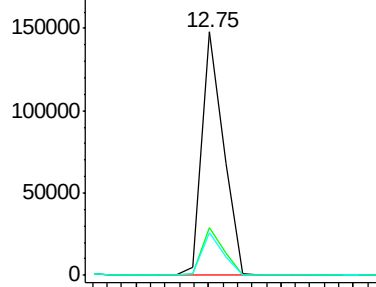
#77
Pvrene
Concen: 7.90 ng
RT: 12.75 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
ClientSampleId :

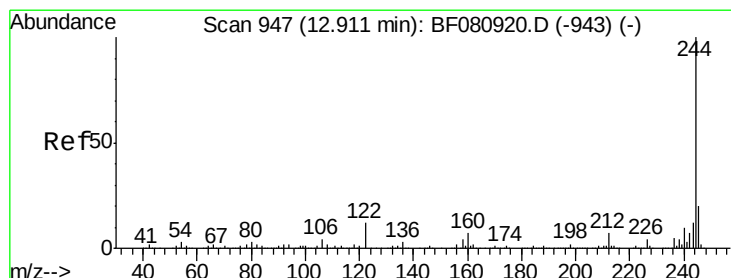
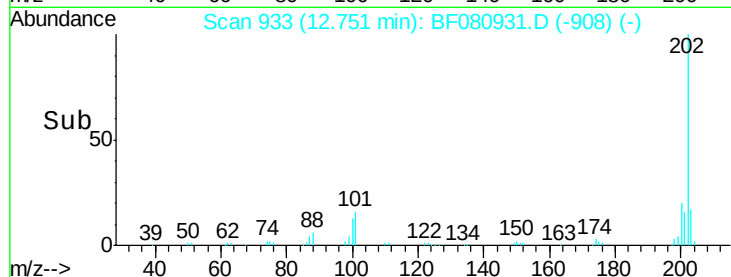
Tot Ion	Ratio	Lower	Upper
202	100		
200	19.8	16.6	24.8
203	17.4	14.2	21.2



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

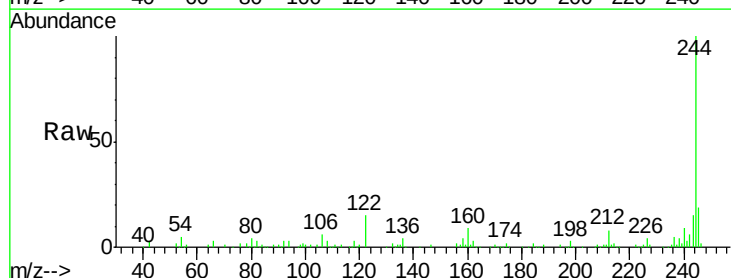


Time-->

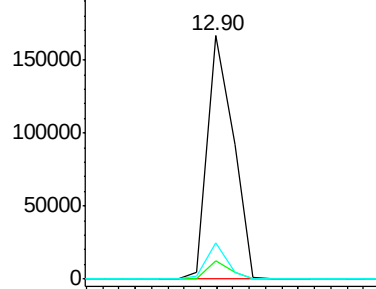


#78
Terphenyl-d14
Concen: 14.41 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

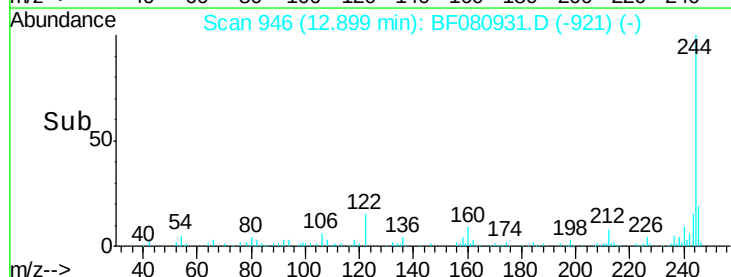
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	14.8	9.4	14.2

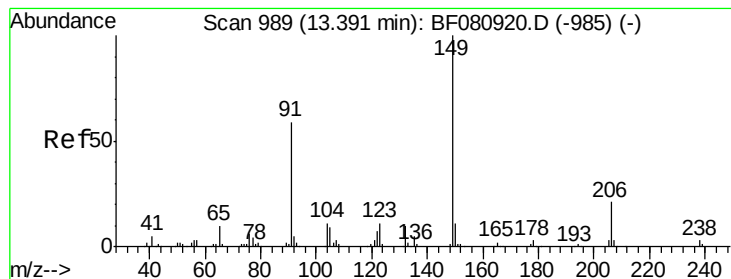


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





#79

Butylbenzylphthalate

Concen: 20.16 ng

RT: 13.38 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF080931.D

Acq: 7 Aug 2015 17:23

Instrument :

BNA_F

ClientSampleId :

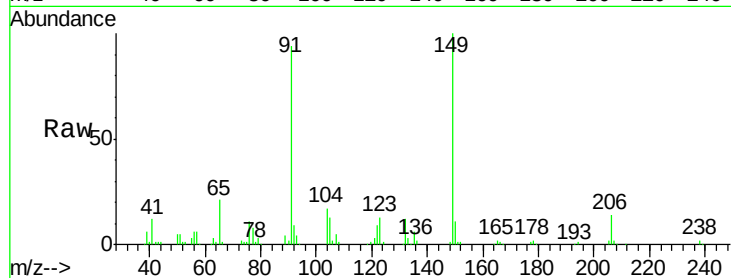
Tot Ion:149 Resp: 187203

Ion Ratio Lower Upper

149 100

91 94.0 47.2 70.8#

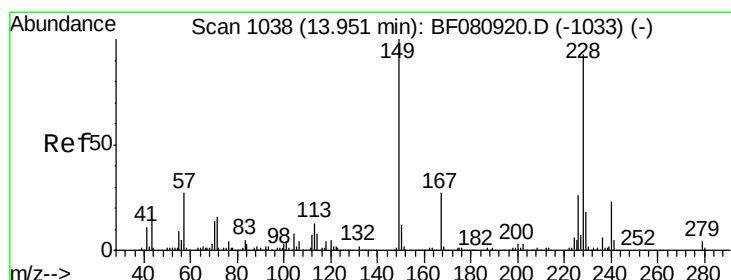
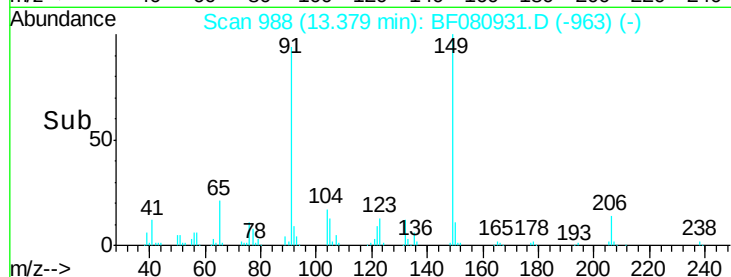
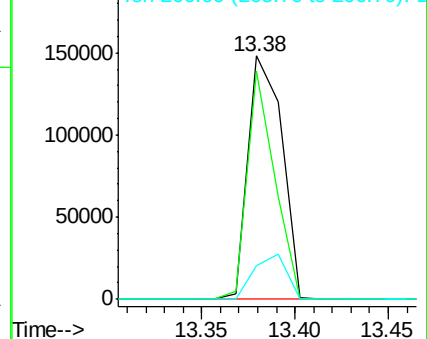
206 13.9 16.5 24.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 15.73 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF080931.D

Acq: 7 Aug 2015 17:23

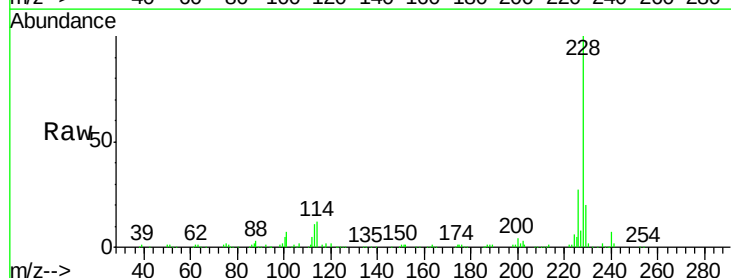
Tgt Ion:228 Resp: 259181

Ion Ratio Lower Upper

228 100

226 26.9 22.2 33.2

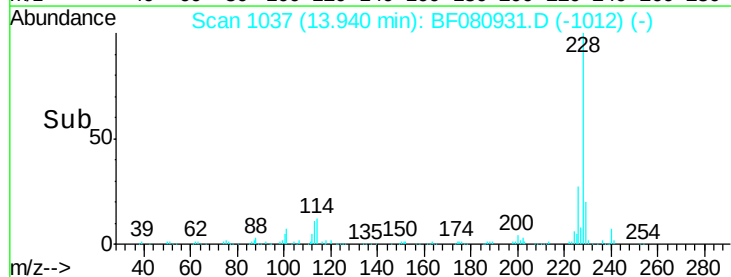
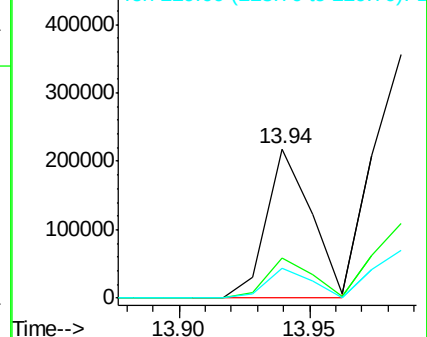
229 19.9 15.8 23.6

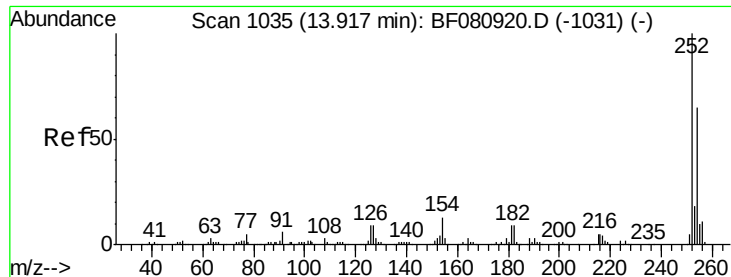


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

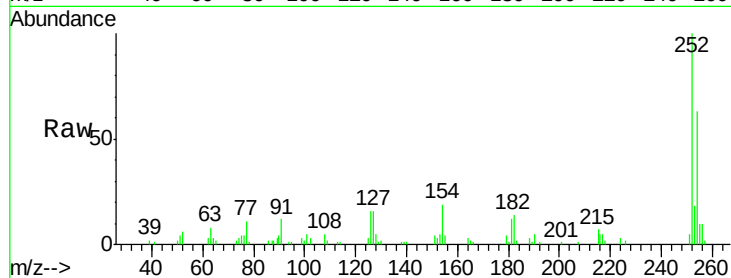




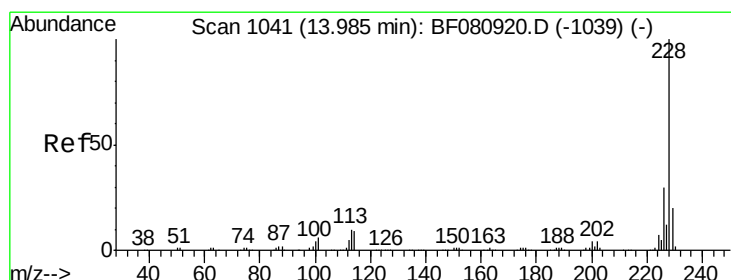
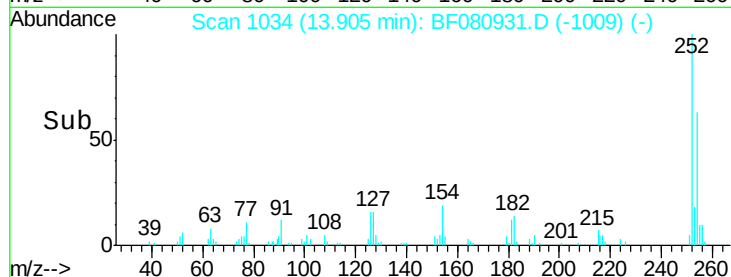
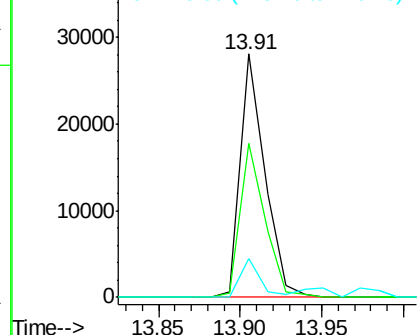
#81
 3,3'-Dichlorobenzidine
 Concen: 4.86 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF080931.D
 Acq: 7 Aug 2015 17:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 29103
 Ion Ratio Lower Upper
 252 100
 254 63.5 51.7 77.5
 126 15.7 7.1 10.7#

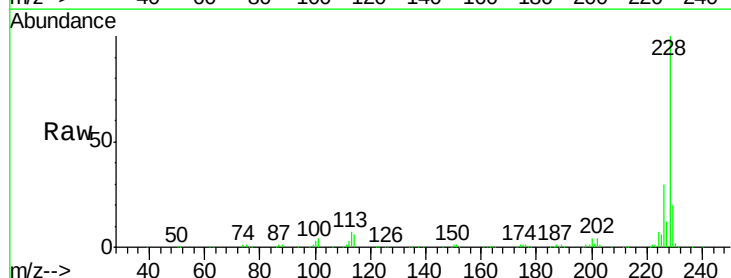


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

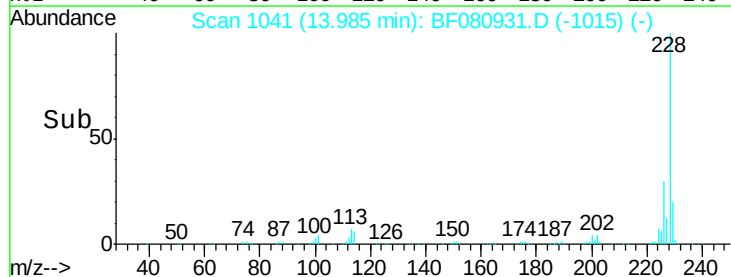
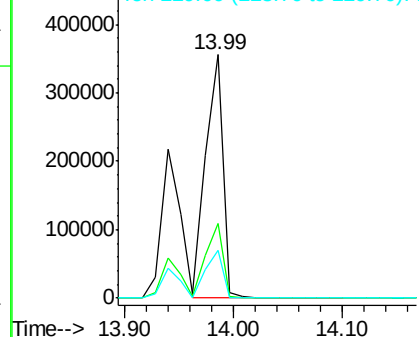


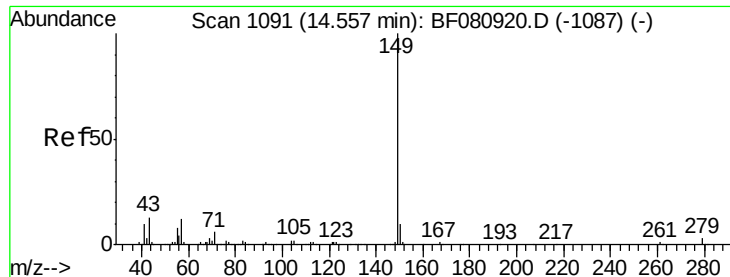
#82
 Chrysene
 Concen: 25.15 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF080931.D
 Acq: 7 Aug 2015 17:23

Tgt Ion:228 Resp: 396656
 Ion Ratio Lower Upper
 228 100
 226 30.5 23.9 35.9
 229 19.6 15.8 23.6



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





#84

Di-n-octyl phthalate

Concen: 24.48 ng

RT: 14.56 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BF080931.D

Acq: 7 Aug 2015 17:23

Instrument :

BNA_F

ClientSampleId :

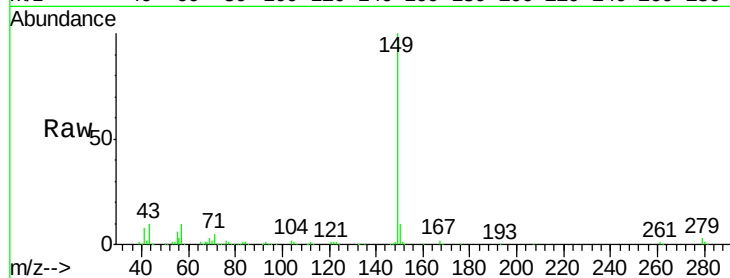
Tot Ion:149 Resp: 536281

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

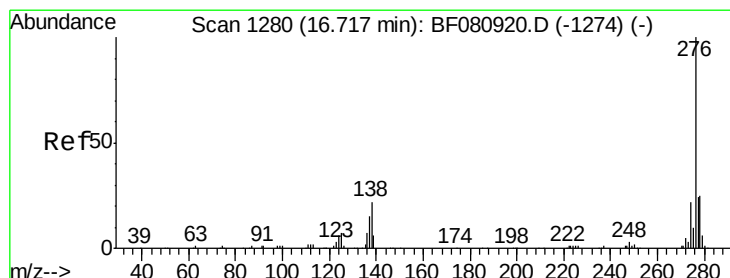
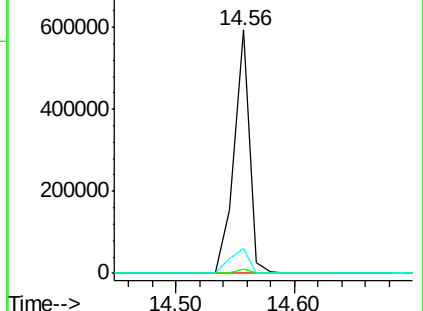
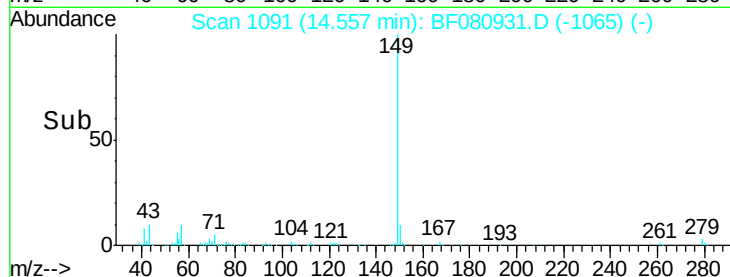
43 12.6 11.0 16.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 13.90 ng

RT: 16.71 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF080931.D

Acq: 7 Aug 2015 17:23

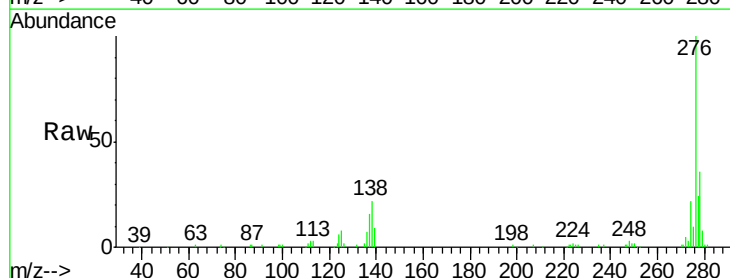
Tgt Ion:276 Resp: 208654

Ion Ratio Lower Upper

276 100

138 29.0 19.9 29.9

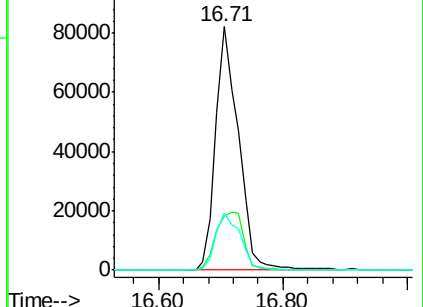
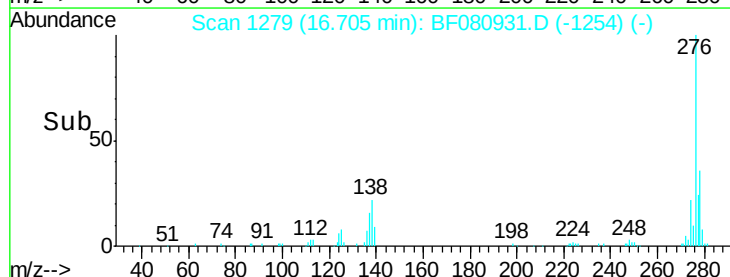
277 25.1 19.7 29.5

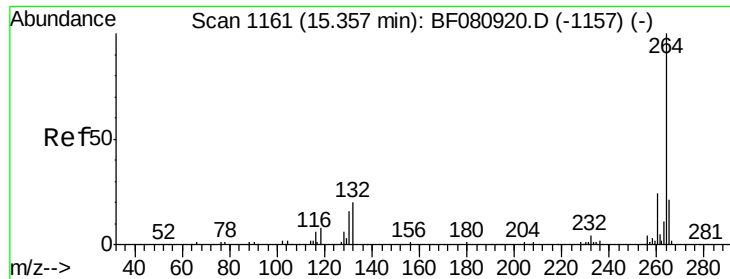


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

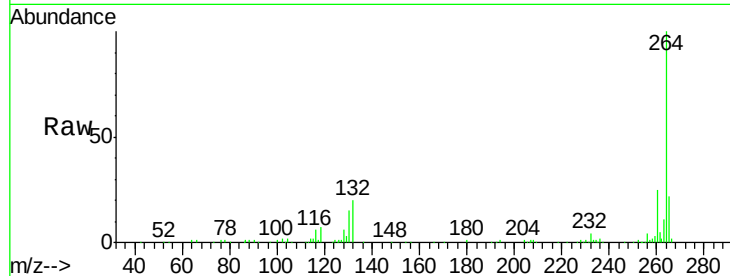




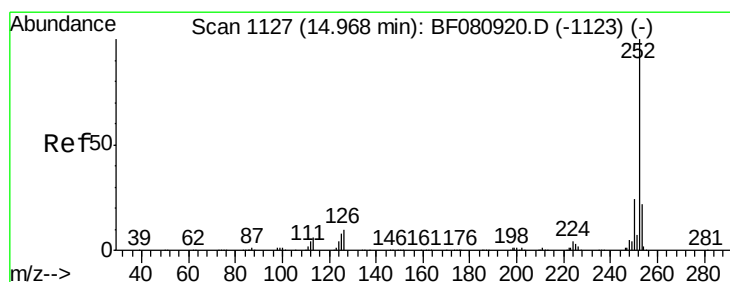
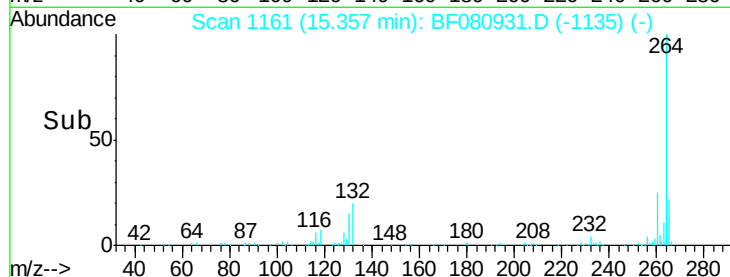
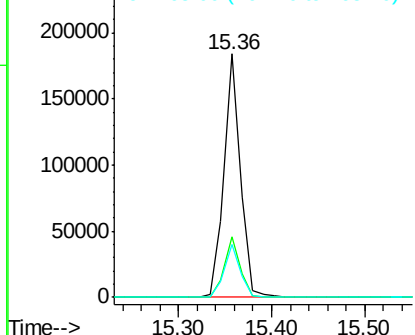
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 226886
Ion Ratio Lower Upper
264 100
260 24.9 19.4 29.0
265 21.8 17.0 25.4

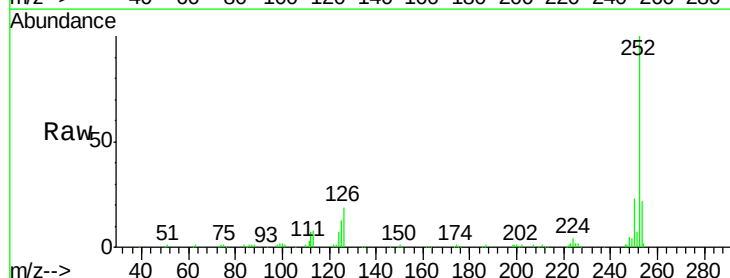


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

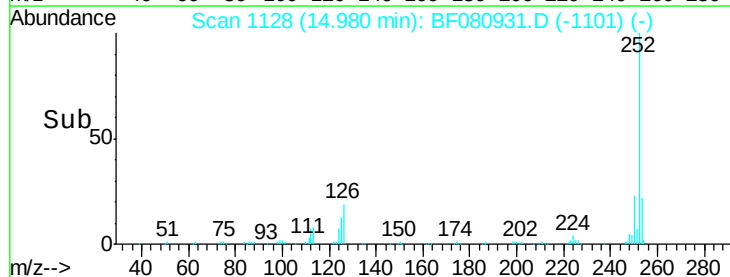
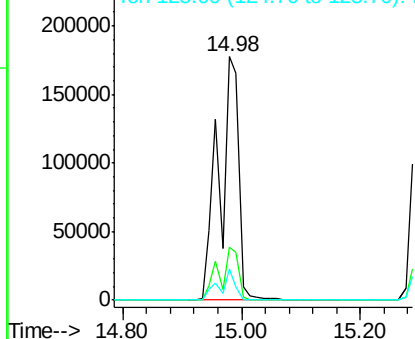


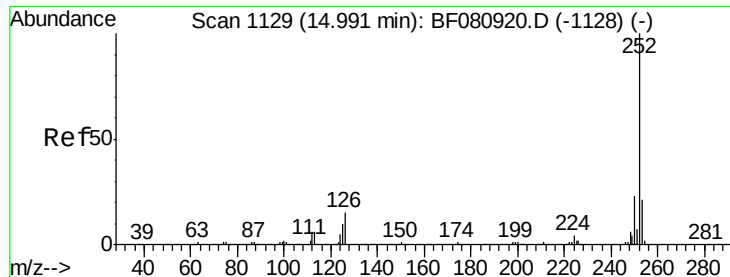
#87
Benzo(b)fluoranthene
Concen: 25.49 ng
RT: 14.98 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion:252 Resp: 402172
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 12.8 6.1 9.1#



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

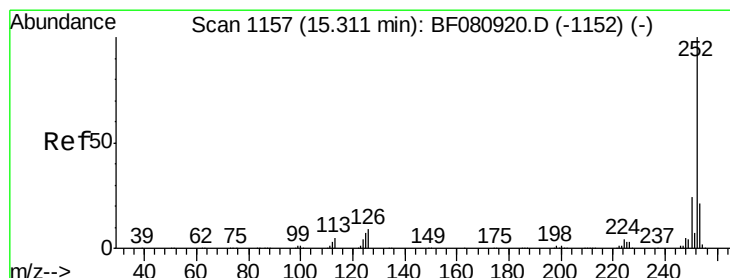
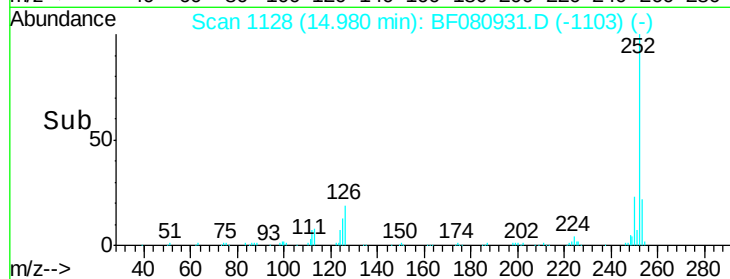
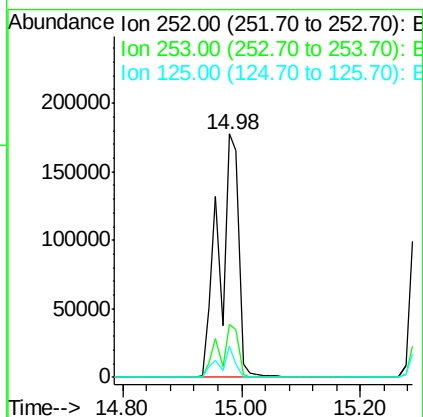
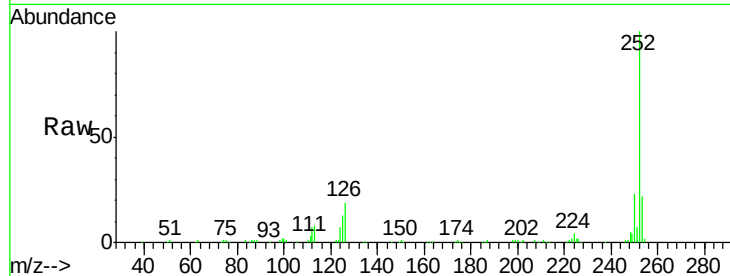




#88
 Benzo(k)fluoranthene
 Concen: 29.14 ng
 RT: 14.98 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF080931.D
 Acq: 7 Aug 2015 17:23

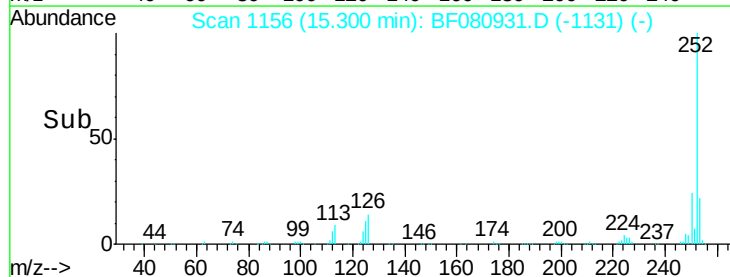
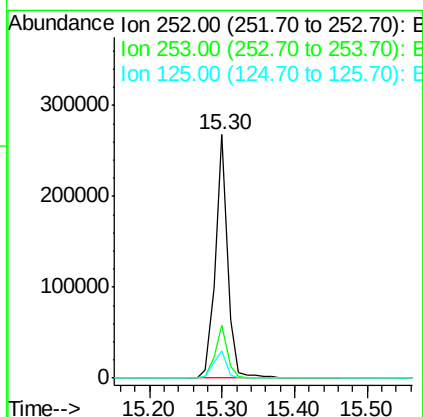
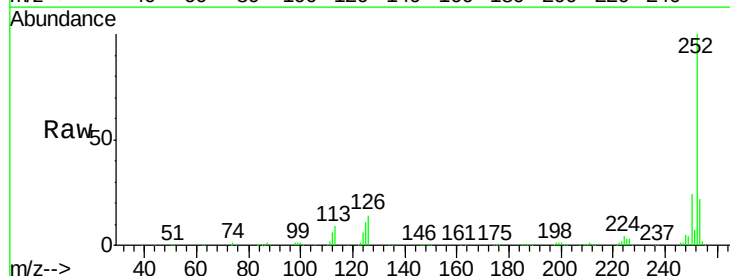
Instrument :
 BNA_F
 ClientSampled :

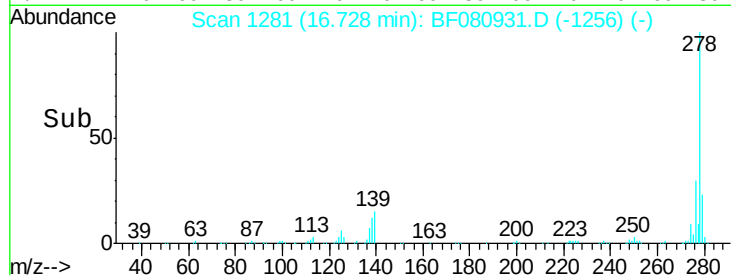
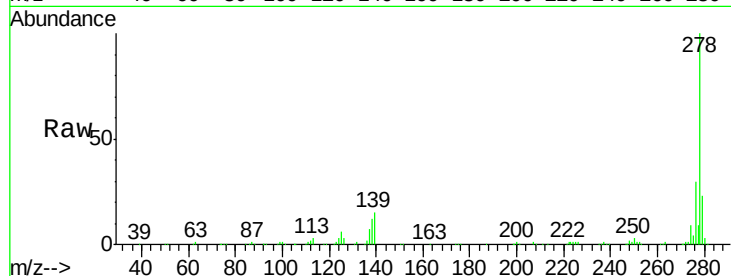
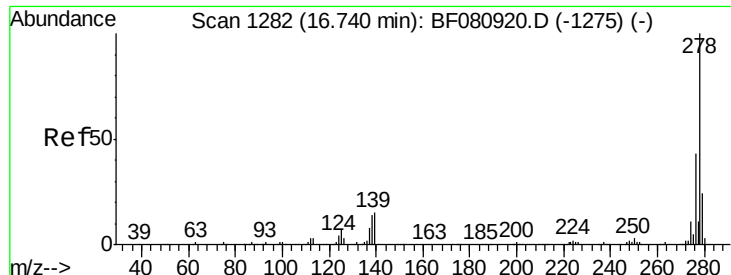
Tot Ion:252 Resp: 402172
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.4 26.2
 125 12.8 9.0 13.6



#89
 Benzo(a)pyrene
 Concen: 23.21 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF080931.D
 Acq: 7 Aug 2015 17:23

Tgt Ion:252 Resp: 314699
 Ion Ratio Lower Upper
 252 100
 253 21.6 16.9 25.3
 125 11.1 5.8 8.8#





#90
 Dibenzo(a,h)anthracene
 Concen: 23.14 ng
 RT: 16.73 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BF080931.D
 Acq: 7 Aug 2015 17:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	11.9	17.9
279	22.6	19.0	28.6

