

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080316\
 Data File : BF089577.D
 Acq On : 4 Aug 2016 3:50
 Operator : UM/SJ
 Sample : H4328-02 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 04 08:00:38 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 04 07:58:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	43720	20.00	ng	-0.01
21) Naphthalene-d8	9.48	136	182043	20.00	ng	-0.01
38) Acenaphthene-d10	12.31	164	80363	20.00	ng	-0.01
63) Phenanthrene-d10	14.71	188	129465	20.00	ng	-0.01
75) Chrysene-d12	18.41	240	85938	20.00	ng	0.00
86) Perylene-d12	20.07	264	92287	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	41866	16.12	ng	0.02
7) Phenol-d6	7.00	99	65824	18.71	ng	0.00
23) Nitrobenzene-d5	8.38	82	37734	11.47	ng	0.00
41) 2,4,6-Tribromophenol	13.61	330	9875	15.47	ng	0.00
44) 2-Fluorobiphenyl	11.27	172	67278	10.87	ng	-0.01
78) Terphenyl-d14	17.06	244	35332	8.25	ng	-0.01

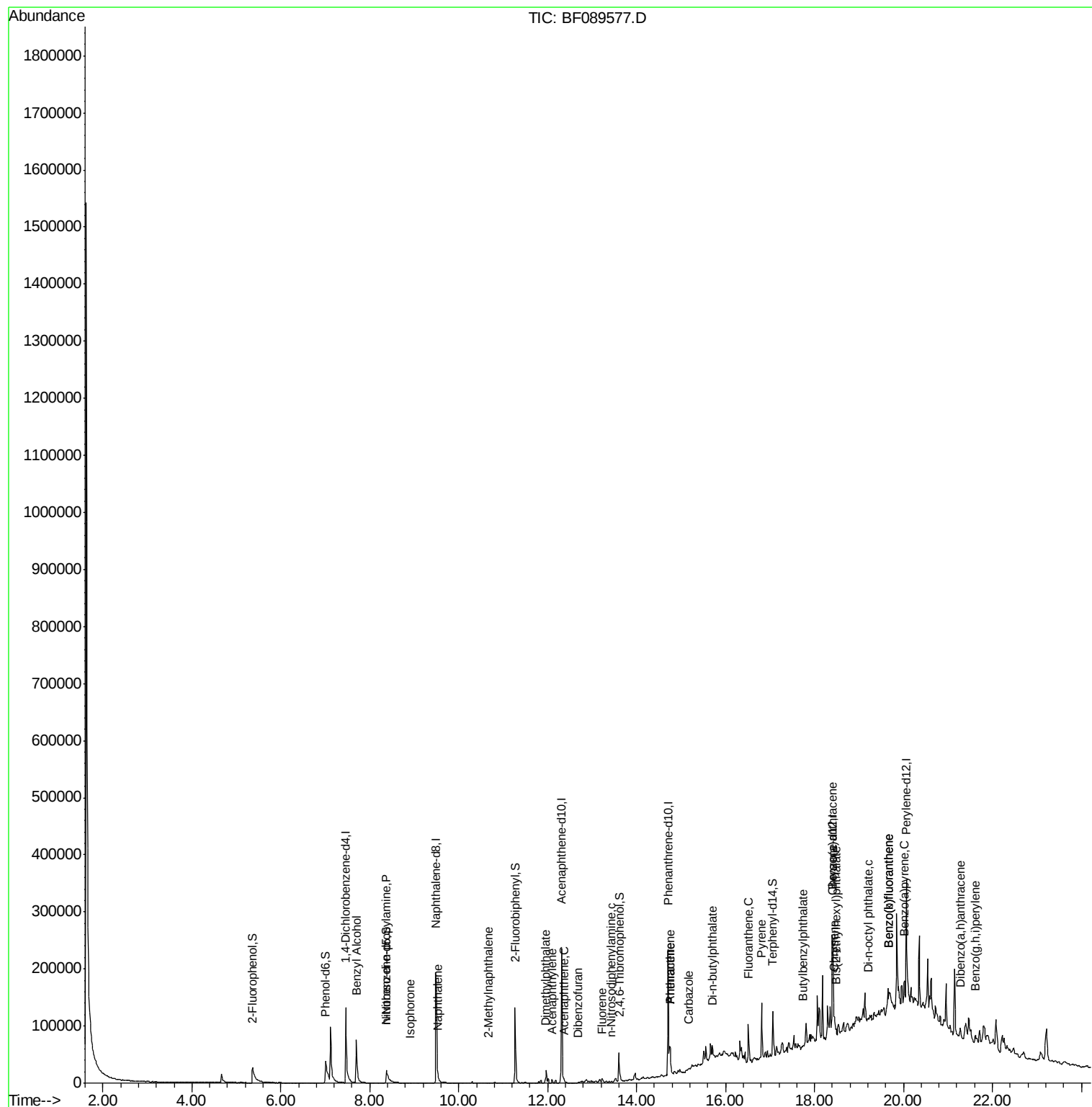
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	7.70	79	460	0.20	ng	# 15
19) n-Nitroso-di-n-propylamine	8.38	70	2748	1.11	ng	# 76
25) Isophorone	8.91	82	226	0.04	ng	# 67
31) Naphthalene	9.53	128	2100	0.22	ng	# 68
37) 2-Methylnaphthalene	10.67	142	249	0.04	ng	# 63
48) Acenaphthylene	12.09	152	6636	0.74	ng	98
49) Dimethylphthalate	11.97	163	16848	2.74	ng	99
51) Acenaphthene	12.38	154	1640	0.32	ng	88
54) Dibenzofuran	12.69	168	245	0.03	ng	# 43
57) Fluorene	13.22	166	3195	0.53	ng	# 86
65) n-Nitrosodiphenylamine	13.43	169	411	0.09	ng	# 25
70) Phenanthrene	14.75	178	37567	5.43	ng	99
71) Anthracene	14.75	178	37567	4.97	ng	98
72) Carbazole	15.17	167	1299	0.21	ng	# 58
73) Di-n-butylphthalate	15.71	149	799	0.10	ng	# 78
74) Fluoranthene	16.51	202	41647	5.95	ng	98
77) Pyrene	16.81	202	55311	7.24	ng	97
79) Butylbenzylphthalate	17.75	149	481	0.17	ng	# 35
80) Benzo(a)anthracene	18.40	228	18002	3.59	ng	# 80
82) Chrysene	18.45	228	19817	3.84	ng	# 92
83) Bis(2-ethylhexyl)phthalate	18.49	149	2953	0.76	ng	# 84
84) Di-n-octyl phthalate	19.21	149	923	0.16	ng	# 74
85) Indeno(1,2,3-cd)pyrene	21.43	276	1130	Below	Cal	94
87) Benzo(b)fluoranthene	19.67	252	26649	4.73	ng	# 81
88) Benzo(k)fluoranthene	19.67	252	26649	4.81	ng	# 78
89) Benzo(a)pyrene	20.02	252	17456	3.34	ng	# 80
90) Dibenzo(a,h)anthracene	21.29	278	2436	0.49	ng	# 39
91) Benzo(g,h,i)perylene	21.61	276	12846	2.48	ng	# 90

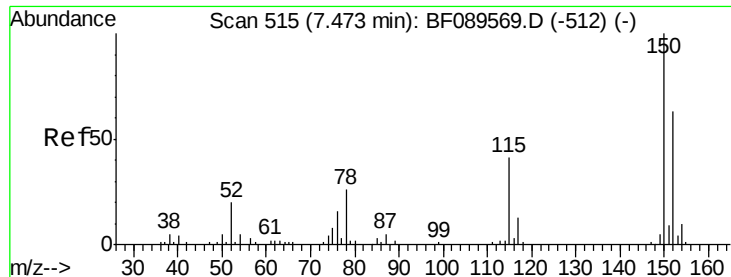
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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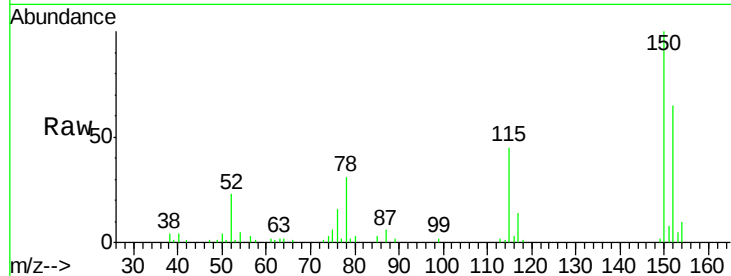


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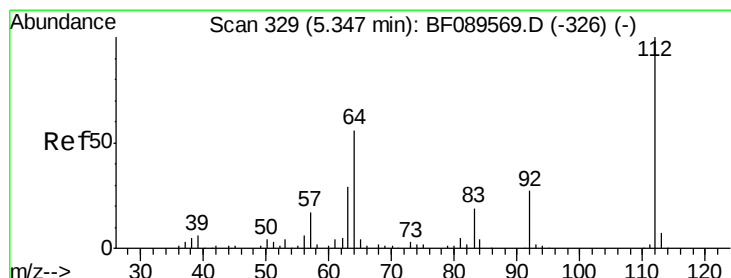
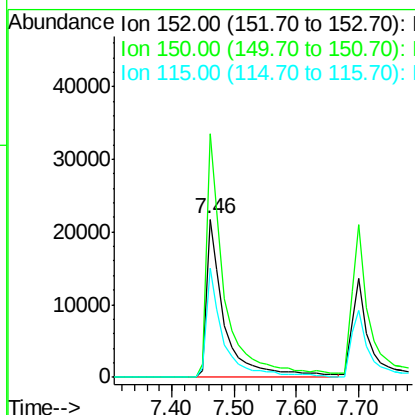
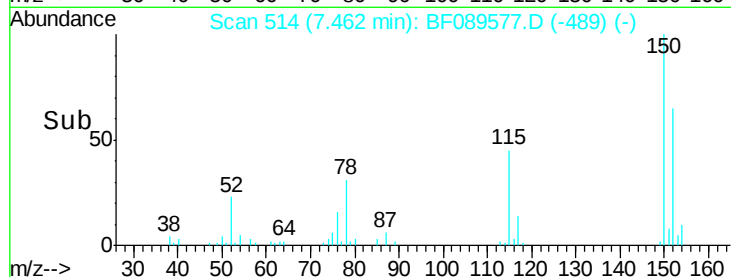
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.46 min Scan# 514
 Delta R.T. -0.01 min
 Lab File: BF089577.D
 Acq: 4 Aug 2016 3:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 43720
 Ion Ratio Lower Upper
 152 100
 150 153.9 127.4 191.2
 115 68.8 51.8 77.8



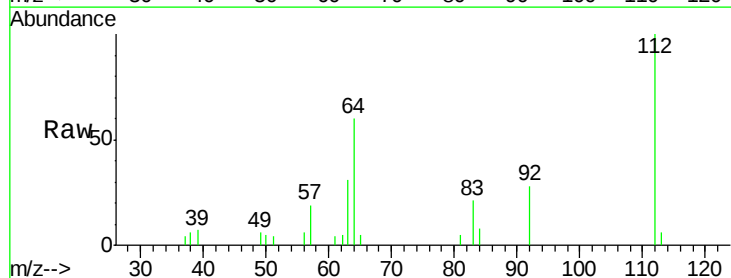
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



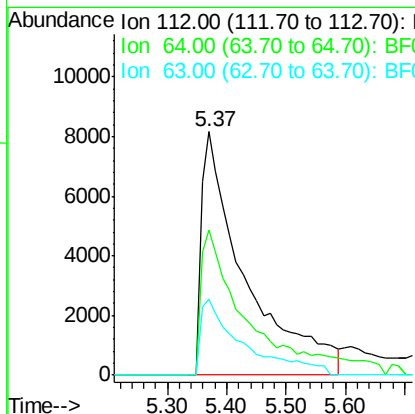
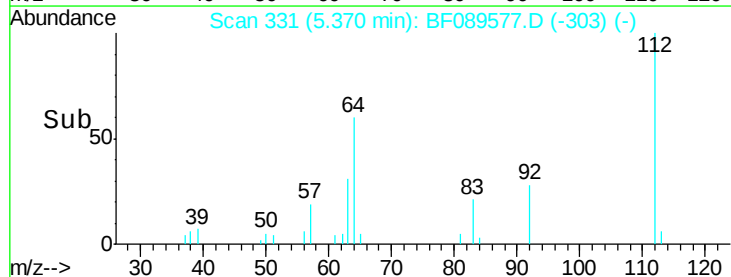
#5

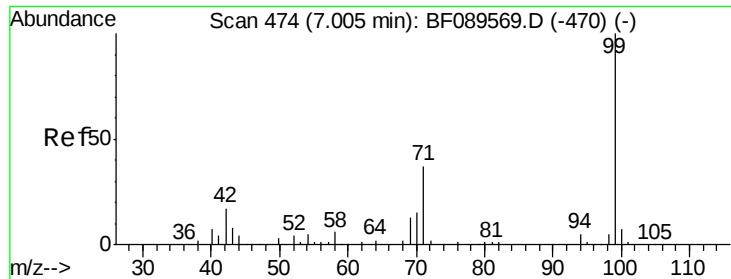
2-Fluorophenol
 Concen: 16.12 ng
 RT: 5.37 min Scan# 331
 Delta R.T. 0.02 min
 Lab File: BF089577.D
 Acq: 4 Aug 2016 3:50

Tgt Ion:112 Resp: 41866
 Ion Ratio Lower Upper
 112 100
 64 59.8 45.2 67.8
 63 31.1 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 18.71 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF089577.D

Acq: 4 Aug 2016 3:50

Instrument :

BNA_F

ClientSampleId :

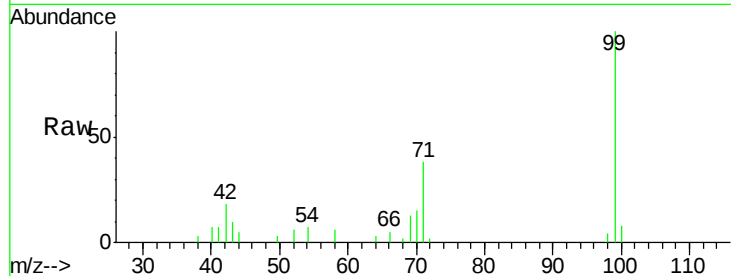
Tot Ion: 99 Resp: 65824

Ion Ratio Lower Upper

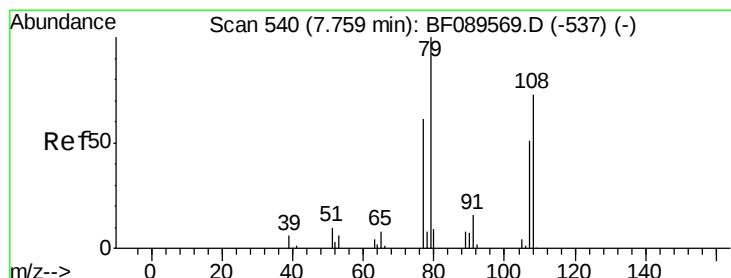
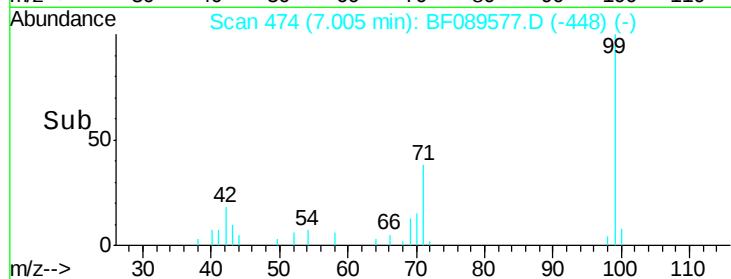
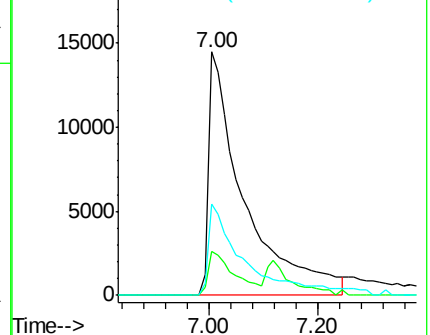
99 100

42 17.8 13.9 20.9

71 37.7 29.3 43.9



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: 0.20 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.06 min

Lab File: BF089577.D

Acq: 4 Aug 2016 3:50

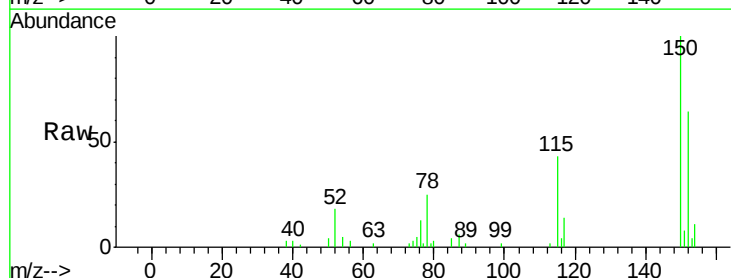
Tgt Ion: 79 Resp: 460

Ion Ratio Lower Upper

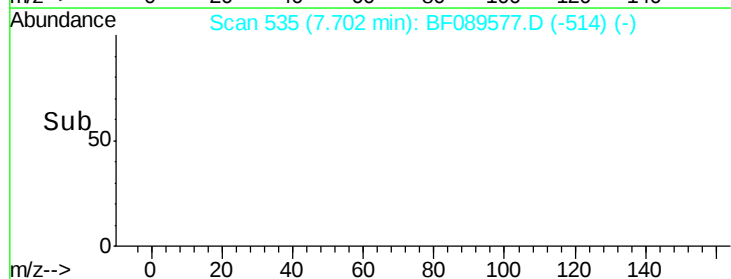
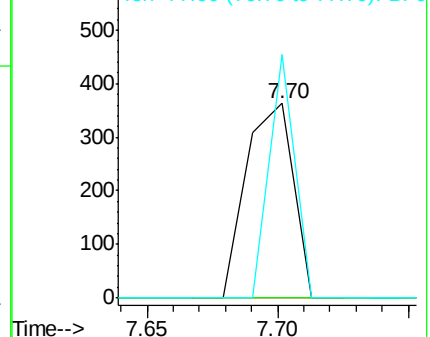
79 100

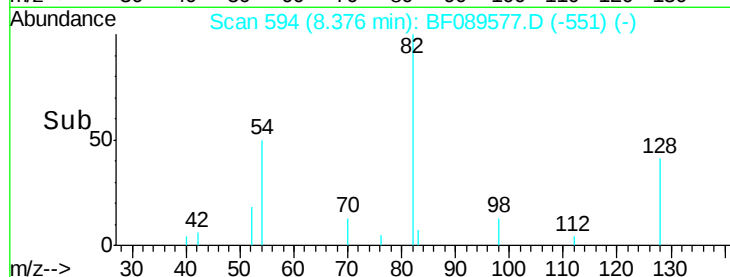
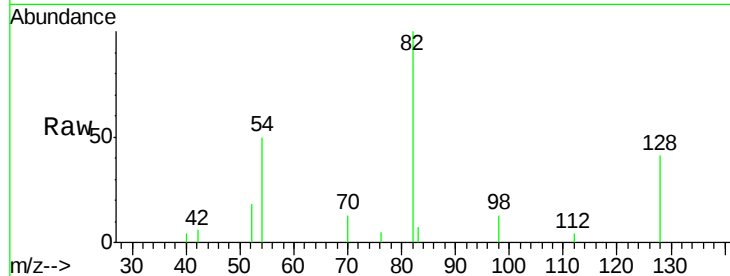
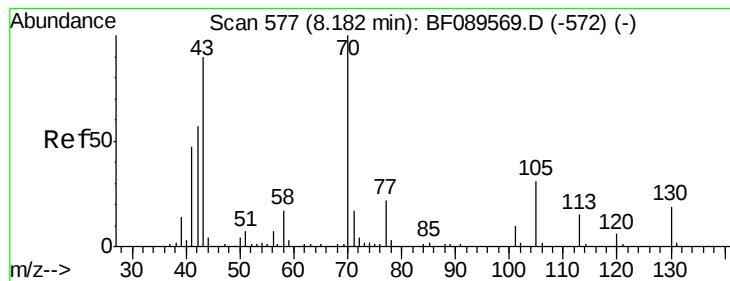
108 0.0 60.6 90.8#

77 125.1 50.0 75.0#



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





#19

n-Nitroso-di-n-propylamine

Concen: 1.11 ng

RT: 8.38 min Scan# 594

Delta R.T. 0.19 min

Lab File: BF089577.D

Acq: 4 Aug 2016 3:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 2748

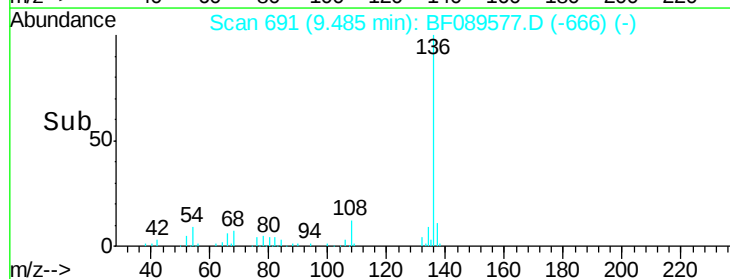
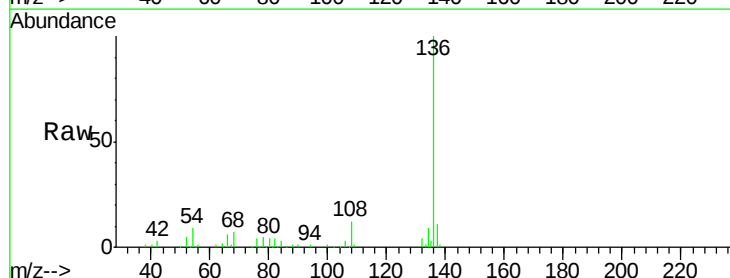
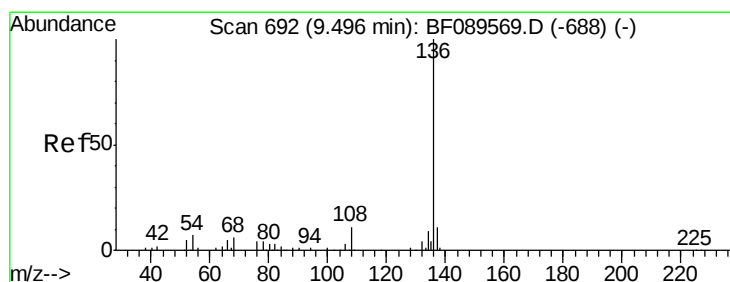
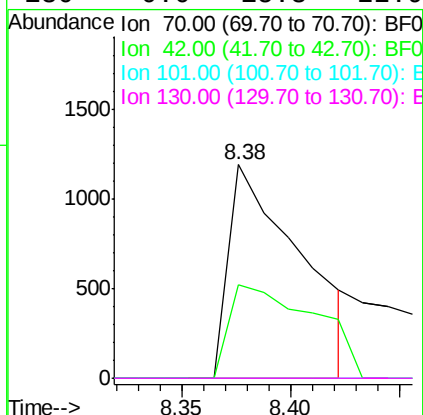
Ion Ratio Lower Upper

70 100

42 43.6 45.5 68.3#

101 0.0 7.7 11.5#

130 0.0 15.3 22.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.48 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF089577.D

Acq: 4 Aug 2016 3:50

Tgt Ion: 136 Resp: 182043

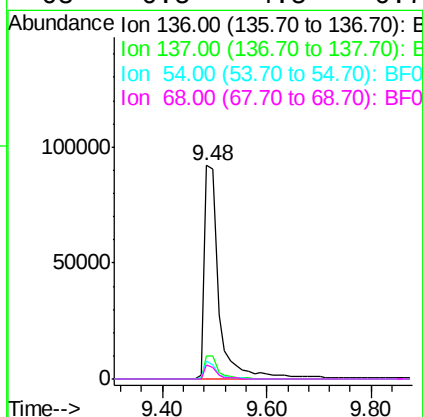
Ion Ratio Lower Upper

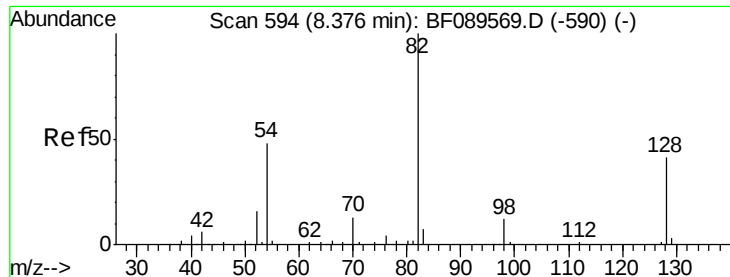
136 100

137 10.7 8.8 13.2

54 8.6 5.9 8.9

68 6.5 4.5 6.7

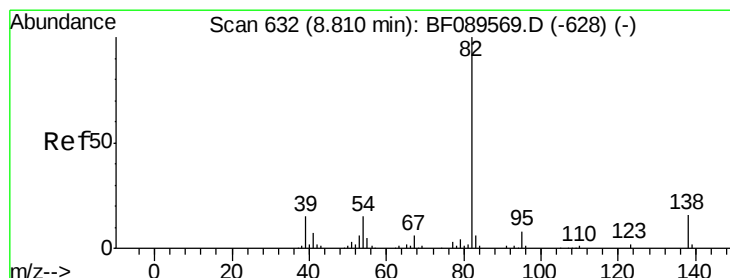
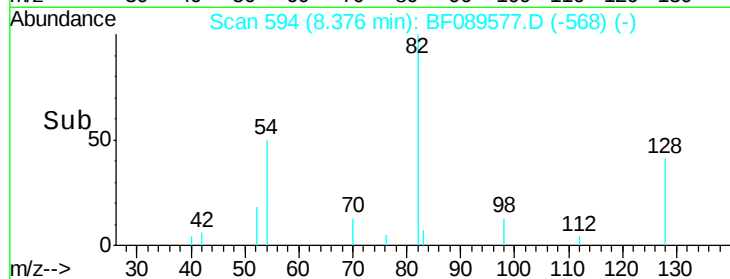
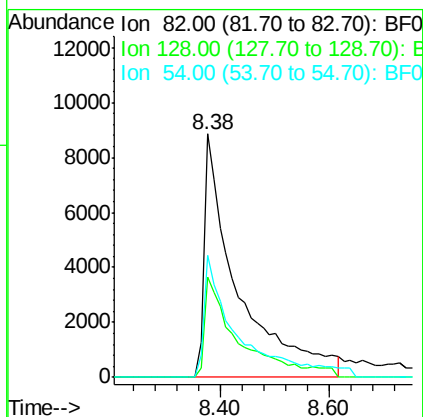
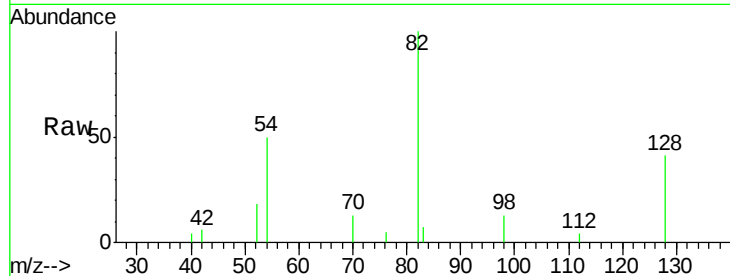




#23
 Nitrobenzene-d5
 Concen: 11.47 ng
 RT: 8.38 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF089577.D
 Acq: 4 Aug 2016 3:50

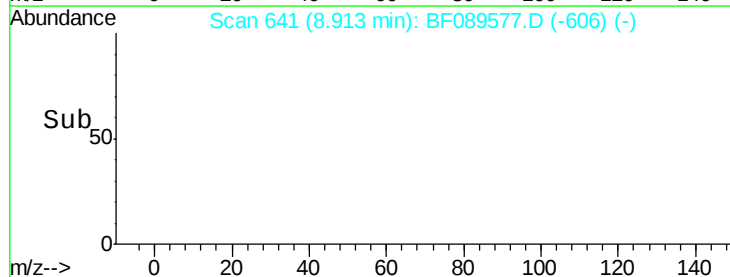
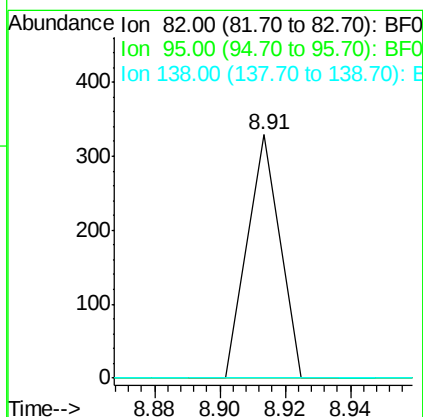
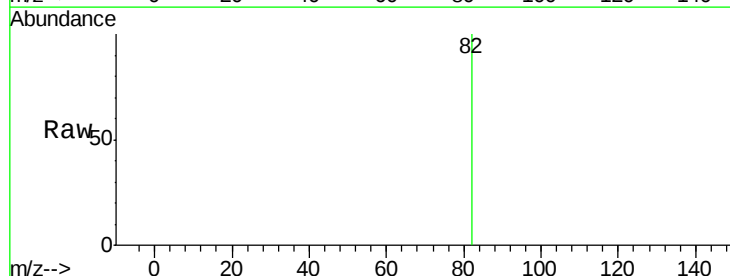
Instrument :
 BNA_F
 ClientSampleId :

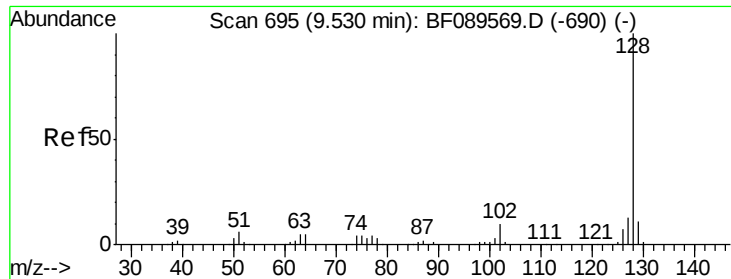
Tot Ion: 82 Resp: 37734
 Ion Ratio Lower Upper
 82 100
 128 41.4 32.4 48.6
 54 50.2 38.6 58.0



#25
 Isophorone
 Concen: 0.04 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.10 min
 Lab File: BF089577.D
 Acq: 4 Aug 2016 3:50

Tgt Ion: 82 Resp: 226
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.1 9.1#
 138 0.0 13.0 19.4#

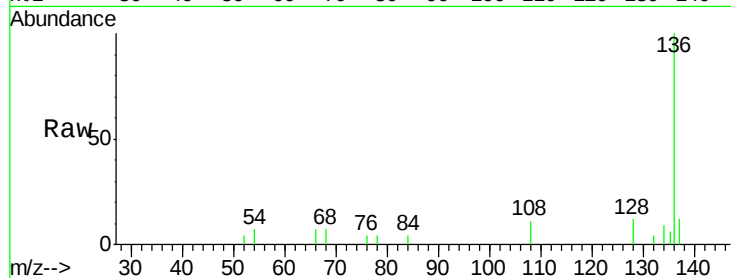




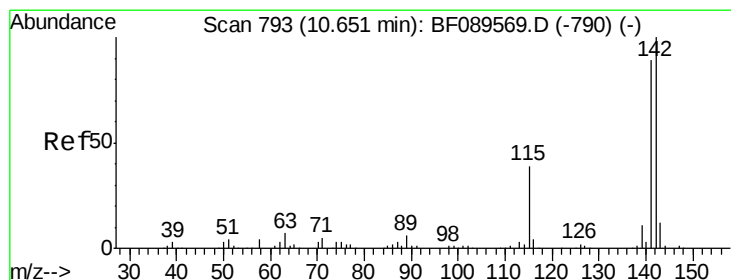
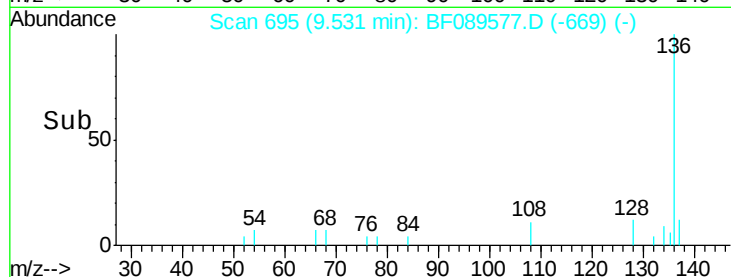
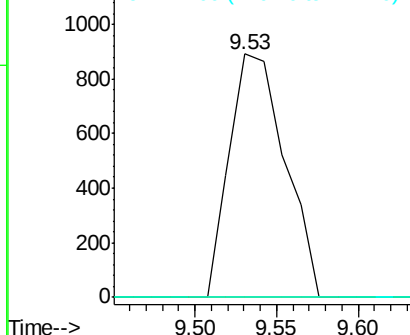
#31
Naphthalene
Concen: 0.22 ng
RT: 9.53 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF089577.D
Acq: 4 Aug 2016 3:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 2100
Ion Ratio Lower Upper
128 100
129 0.0 8.8 13.2#
127 0.0 10.8 16.2#

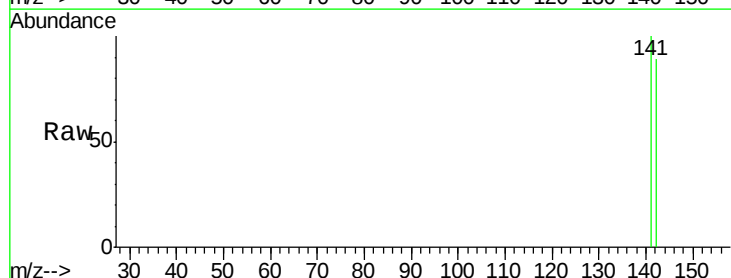


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

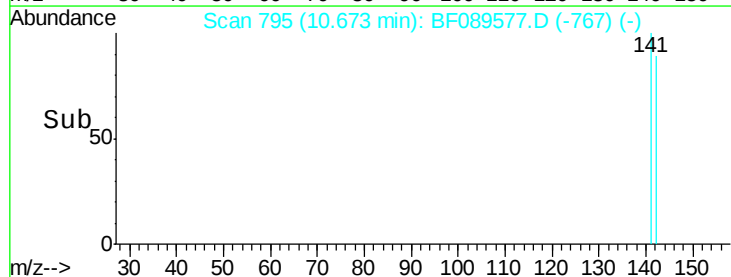
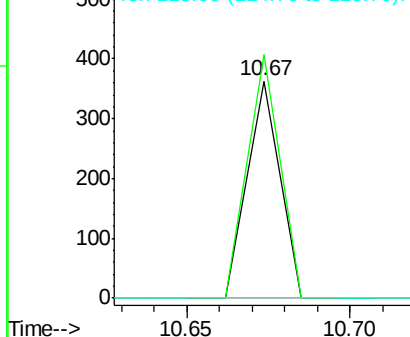


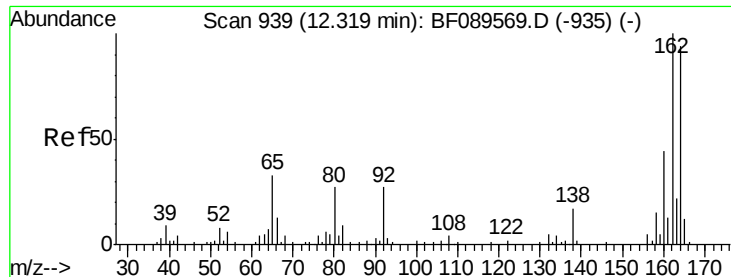
#37
2-Methylnaphthalene
Concen: 0.04 ng
RT: 10.67 min Scan# 795
Delta R.T. 0.02 min
Lab File: BF089577.D
Acq: 4 Aug 2016 3:50

Tgt Ion:142 Resp: 249
Ion Ratio Lower Upper
142 100
141 112.1 70.9 106.3#
115 0.0 30.7 46.1#



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

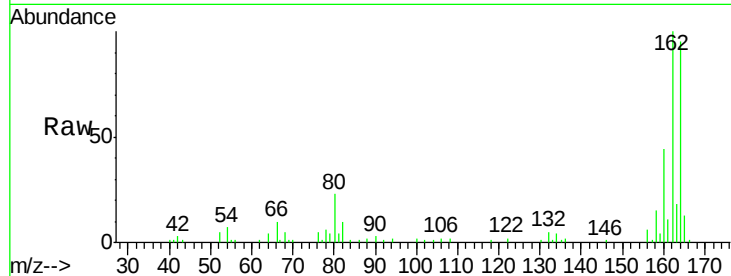




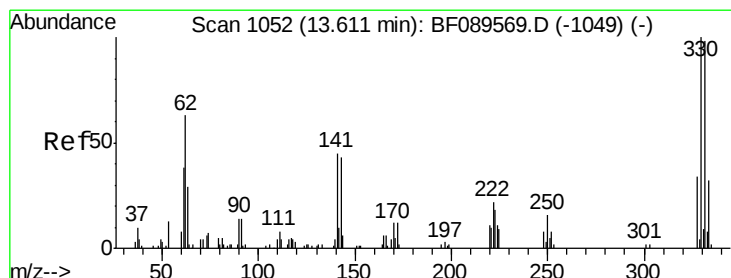
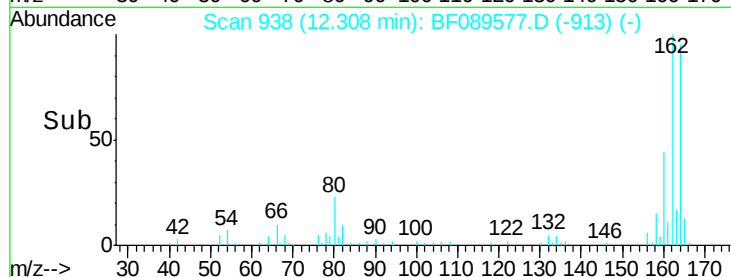
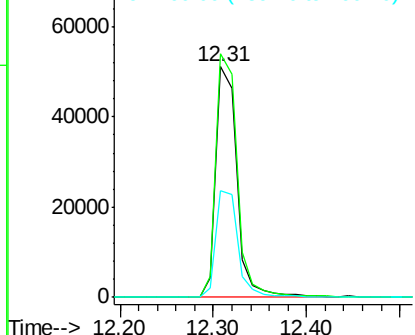
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.31 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BF089577.D
 Acq: 4 Aug 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 80363
 Ion Ratio Lower Upper
 164 100
 162 105.5 85.4 128.2
 160 46.0 37.3 55.9

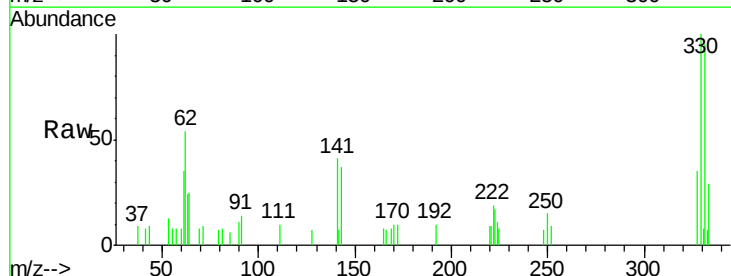


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

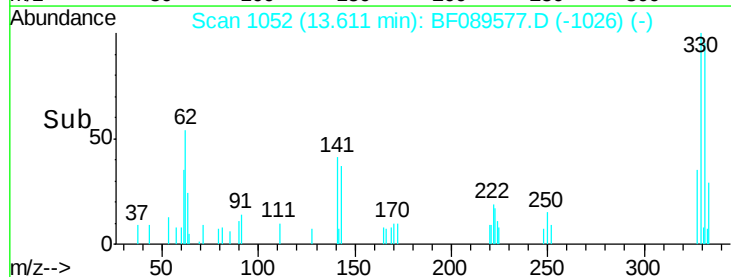
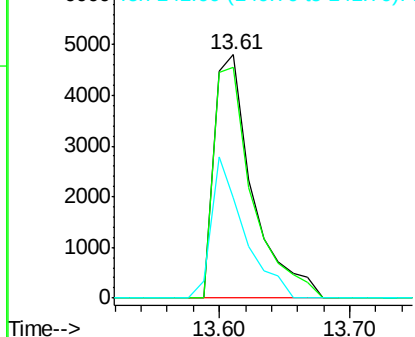


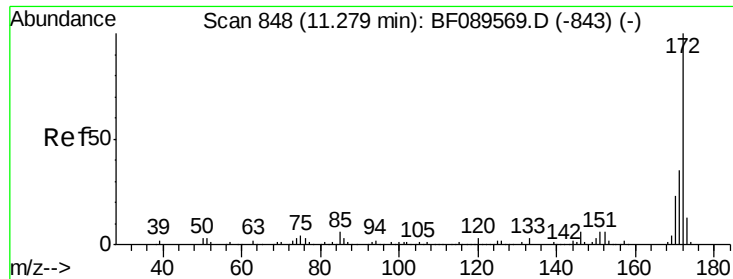
#41
 2,4,6-Tribromophenol
 Concen: 15.47 ng
 RT: 13.61 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: BF089577.D
 Acq: 4 Aug 2016 3:50

Tgt Ion:330 Resp: 9875
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.7 115.1
 141 49.2 40.3 60.5



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

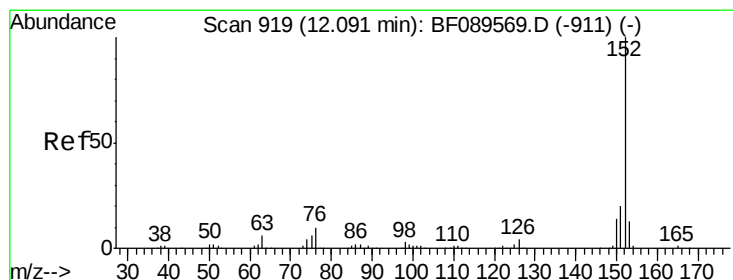
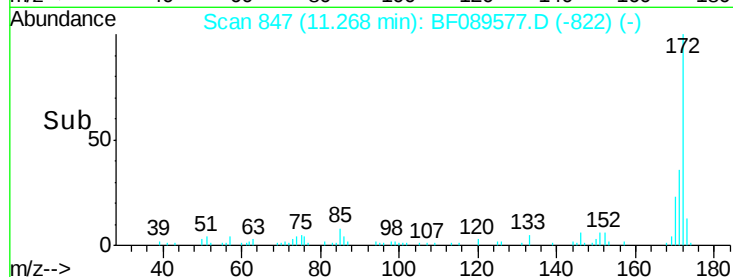
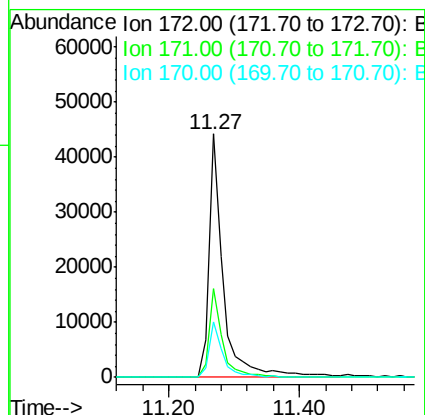
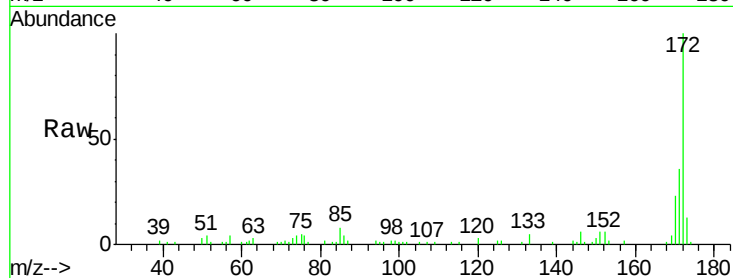




#44
2-Fluorobiphenyl
Concen: 10.87 ng
RT: 11.27 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF089577.D
Acq: 4 Aug 2016 3:50

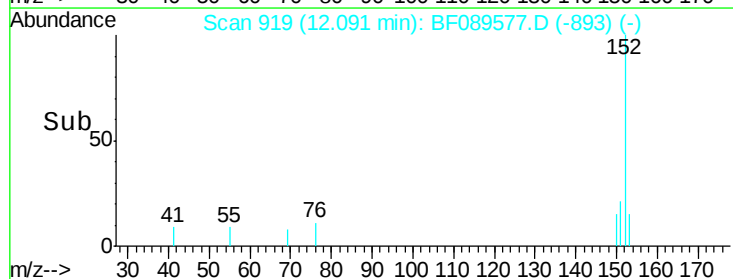
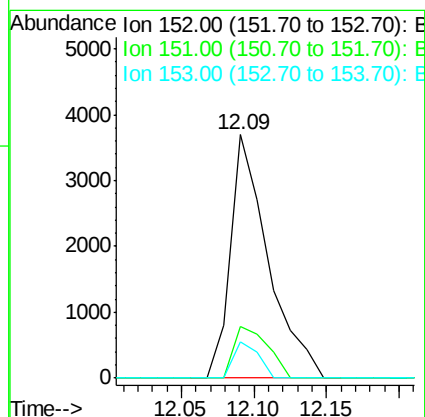
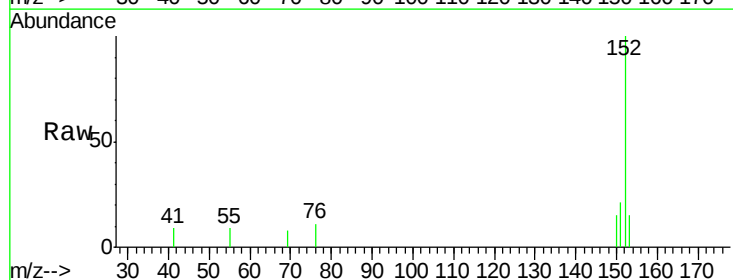
Instrument :
BNA_F
ClientSampleId :

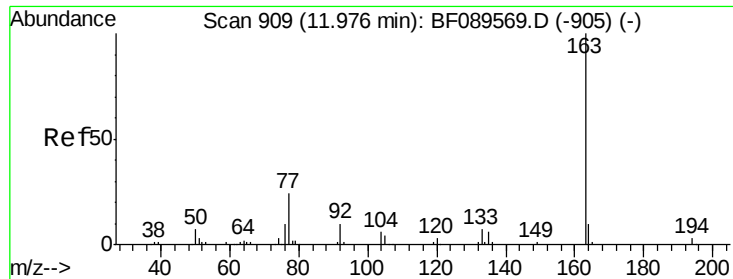
Tot Ion:172 Resp: 67278
Ion Ratio Lower Upper
172 100
171 36.4 28.1 42.1
170 23.0 18.6 28.0



#48
Acenaphthylene
Concen: 0.74 ng
RT: 12.09 min Scan# 919
Delta R.T. 0.00 min
Lab File: BF089577.D
Acq: 4 Aug 2016 3:50

Tgt Ion:152 Resp: 6636
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 14.8 10.6 15.8

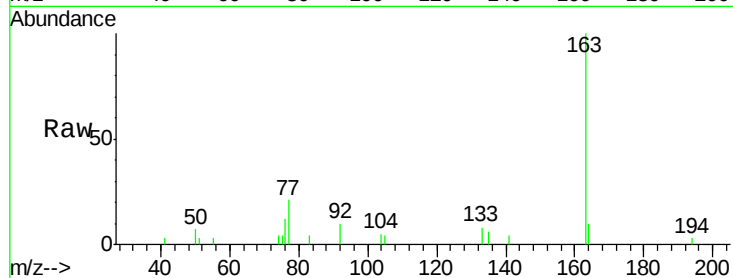




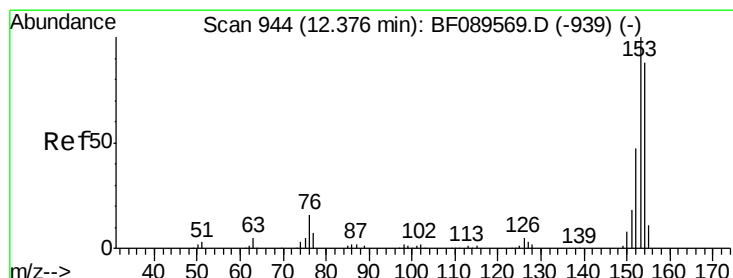
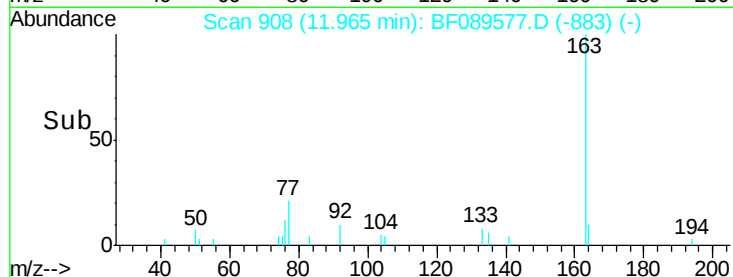
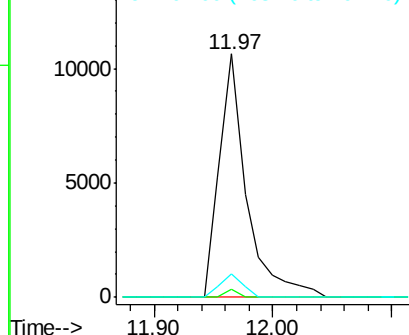
#49
Dimethylphthalate
Concen: 2.74 ng
RT: 11.97 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF089577.D
Acq: 4 Aug 2016 3:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 16848
Ion Ratio Lower Upper
163 100
194 3.2 2.4 3.6
164 9.8 8.2 12.4

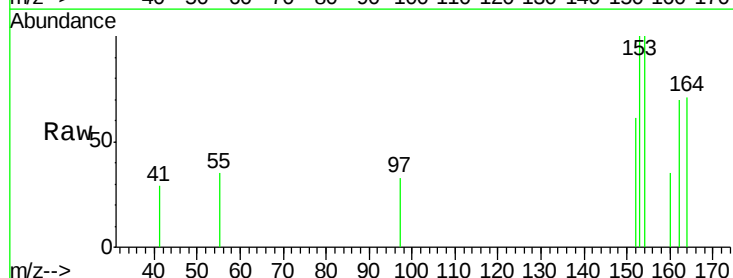


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

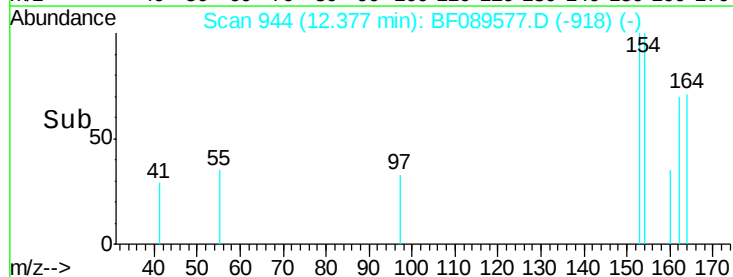
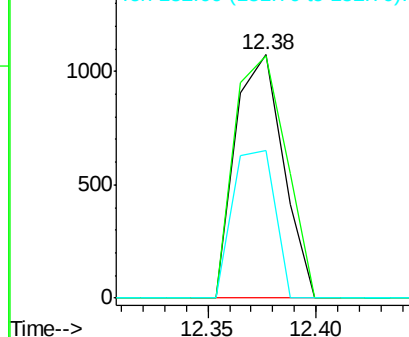


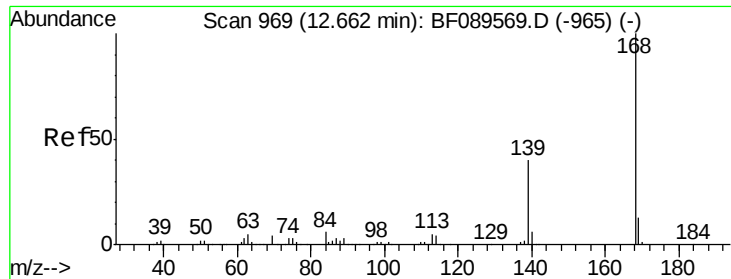
#51
Acenaphthene
Concen: 0.32 ng
RT: 12.38 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF089577.D
Acq: 4 Aug 2016 3:50

Tgt Ion:154 Resp: 1640
Ion Ratio Lower Upper
154 100
153 99.7 91.2 136.8
152 60.7 43.1 64.7



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

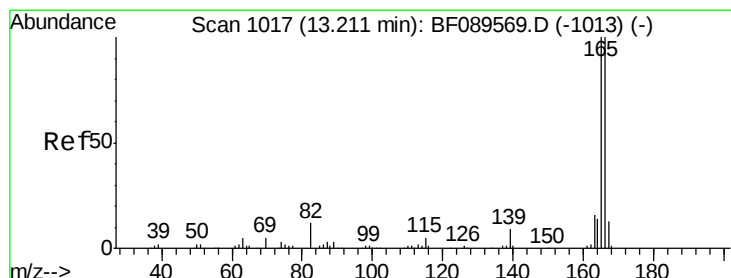
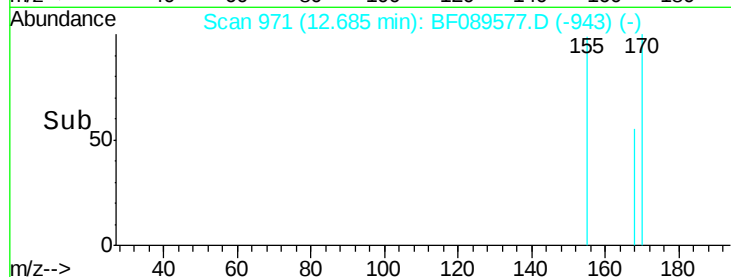
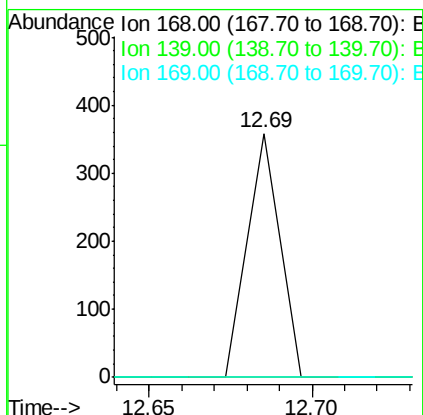
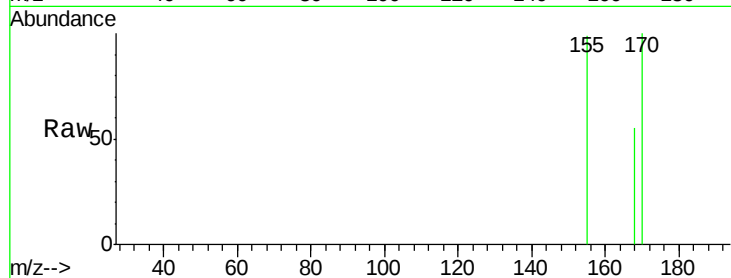




#54
Dibenzofuran
Concen: 0.03 ng
RT: 12.69 min Scan# 971
Delta R.T. 0.02 min
Lab File: BF089577.D
Acq: 4 Aug 2016 3:50

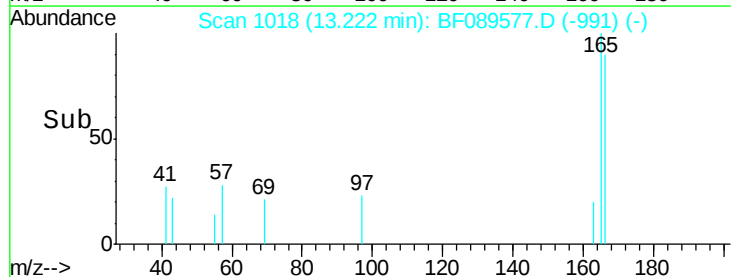
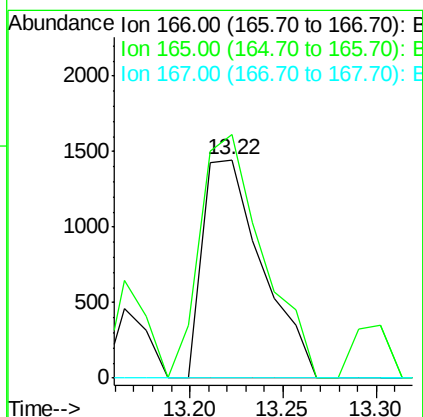
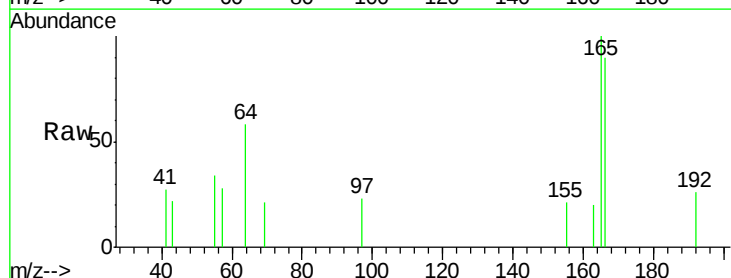
Instrument :
BNA_F
ClientSampleId :

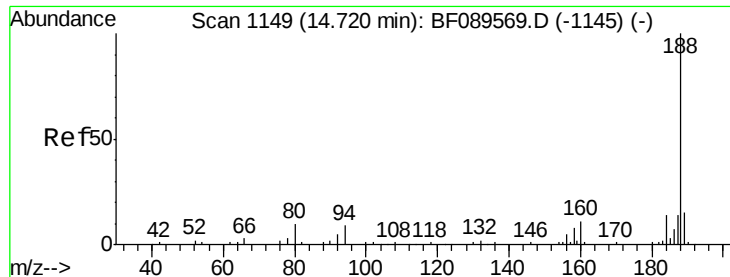
Tot Ion:168 Resp: 245
Ion Ratio Lower Upper
168 100
139 0.0 31.8 47.8#
169 0.0 10.6 16.0#



#57
Fluorene
Concen: 0.53 ng
RT: 13.22 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BF089577.D
Acq: 4 Aug 2016 3:50

Tgt Ion:166 Resp: 3195
Ion Ratio Lower Upper
166 100
165 111.5 80.2 120.2
167 0.0 10.4 15.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.71 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF089577.D

Acq: 4 Aug 2016 3:50

Instrument :

BNA_F

ClientSampled :

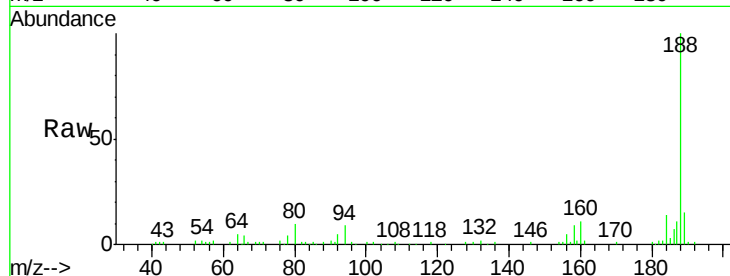
Tot Ion:188 Resp: 129465

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.4

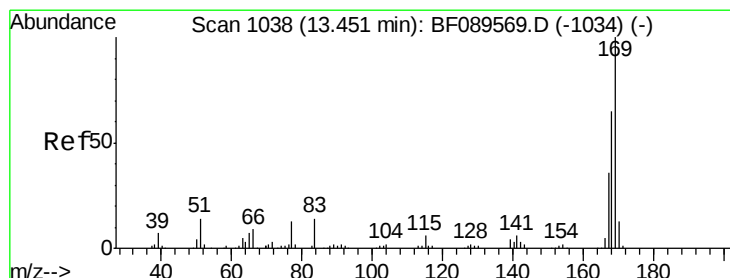
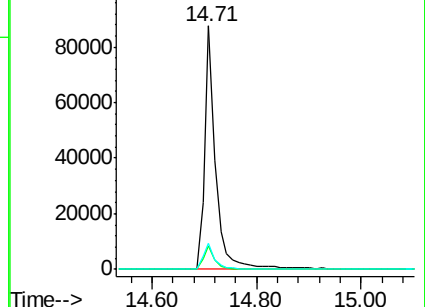
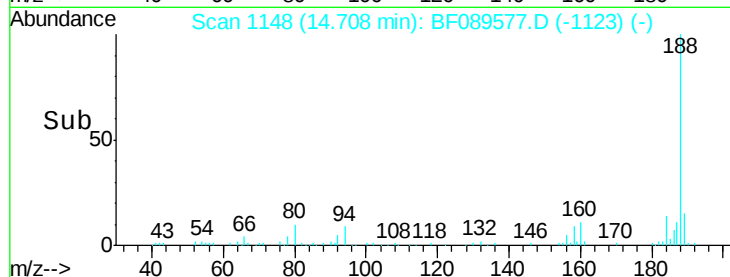
80 10.4 7.7 11.5



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: 0.09 ng

RT: 13.43 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF089577.D

Acq: 4 Aug 2016 3:50

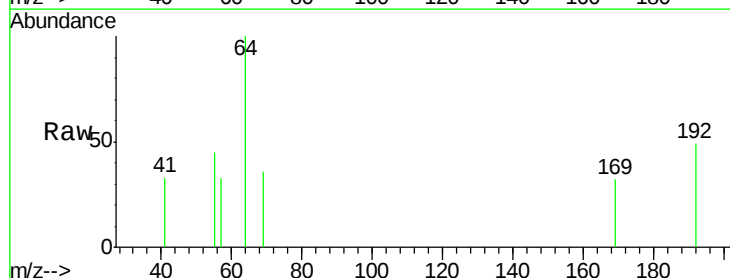
Tgt Ion:169 Resp: 411

Ion Ratio Lower Upper

169 100

168 0.0 53.0 79.4#

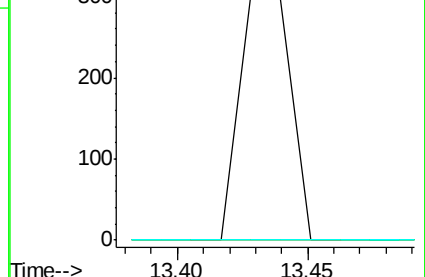
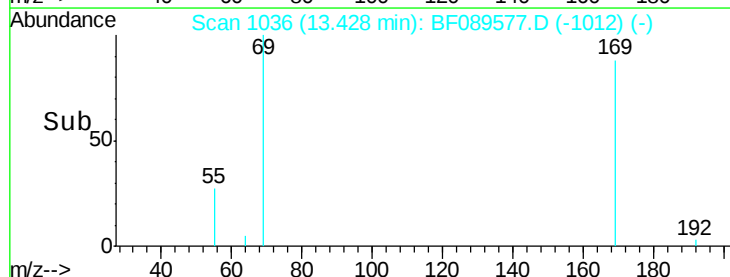
167 0.0 29.1 43.7#

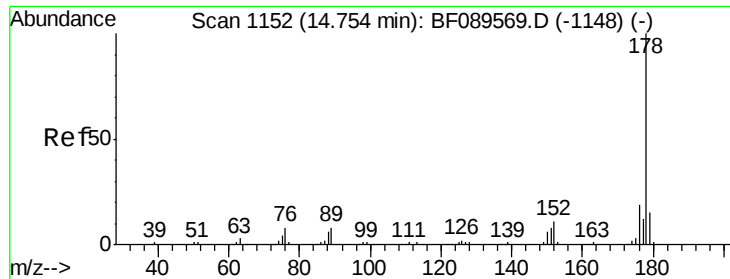


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

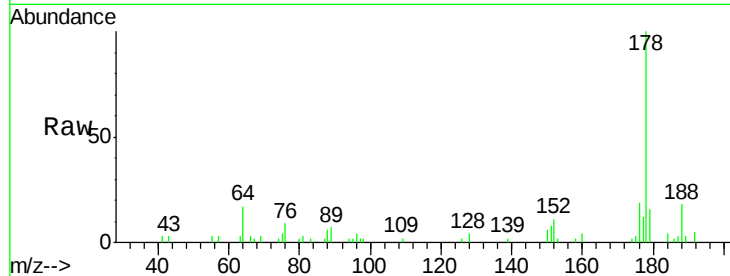




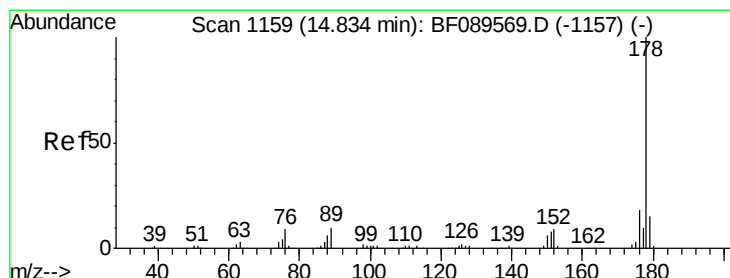
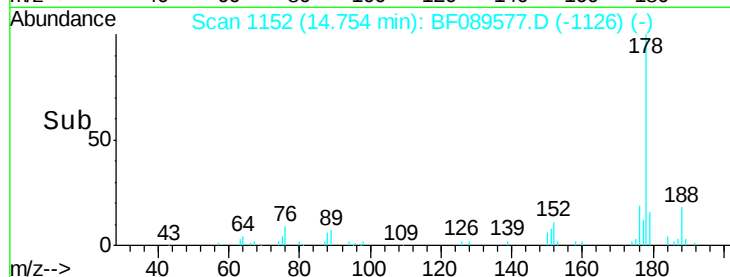
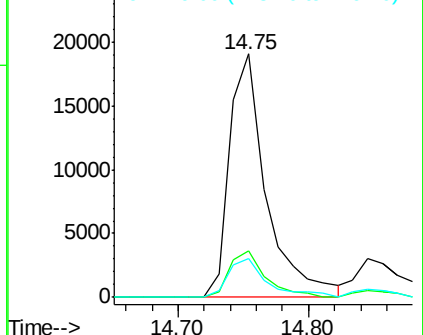
#70
Phenanthrene
Concen: 5.43 ng
RT: 14.75 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF089577.D
Acq: 4 Aug 2016 3:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 37567
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 16.1 12.2 18.4

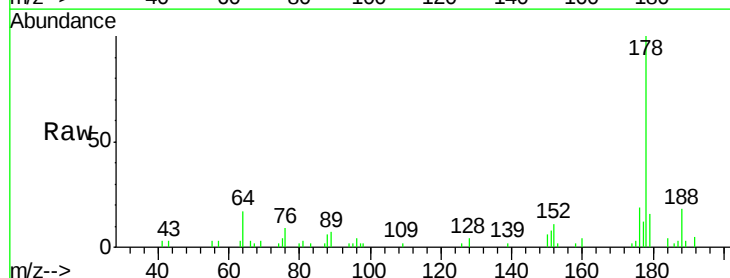


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

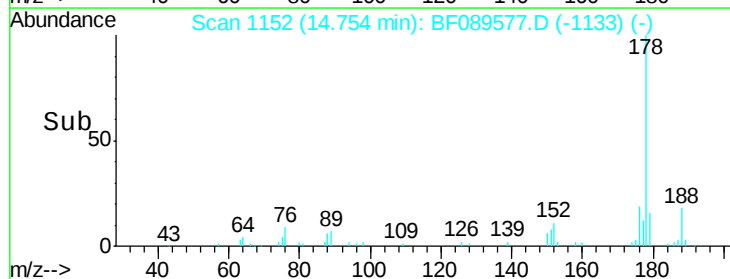
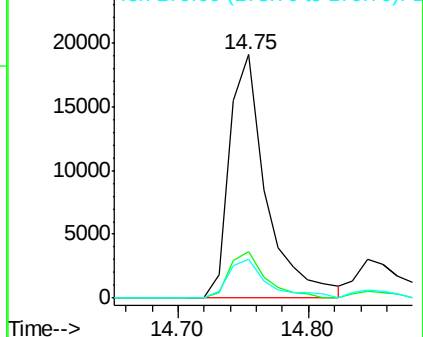


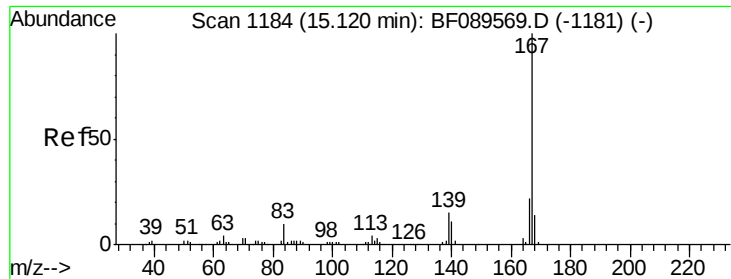
#71
Anthracene
Concen: 4.97 ng
RT: 14.75 min Scan# 1152
Delta R.T. -0.08 min
Lab File: BF089577.D
Acq: 4 Aug 2016 3:50

Tgt Ion:178 Resp: 37567
Ion Ratio Lower Upper
178 100
176 19.1 14.7 22.1
179 16.1 12.2 18.2



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





#72

Carbazole

Concen: 0.21 ng

RT: 15.17 min Scan# 1188

Delta R.T. 0.05 min

Lab File: BF089577.D

Acq: 4 Aug 2016 3:50

Instrument :

BNA_F

ClientSampleId :

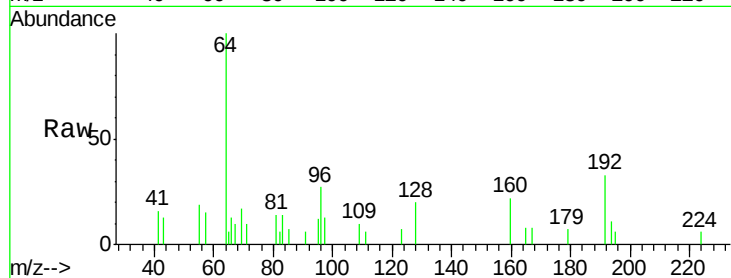
Tot Ion:167 Resp: 1299

Ion Ratio Lower Upper

167 100

166 0.0 17.5 26.3#

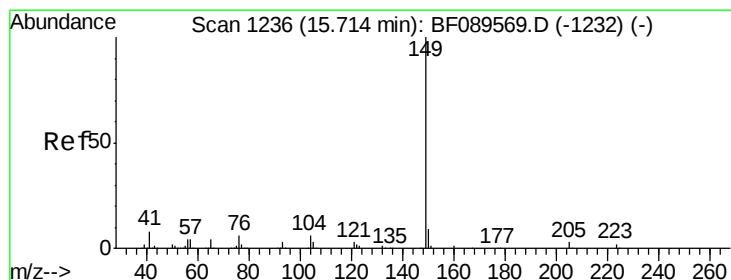
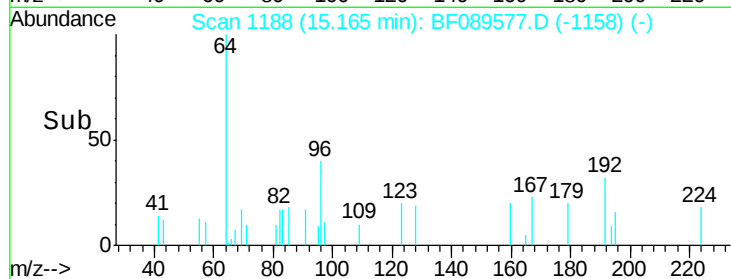
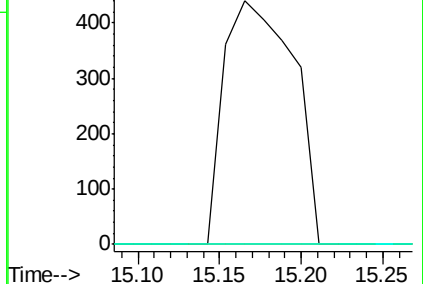
139 0.0 11.8 17.6#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 0.10 ng

RT: 15.71 min Scan# 1236

Delta R.T. 0.00 min

Lab File: BF089577.D

Acq: 4 Aug 2016 3:50

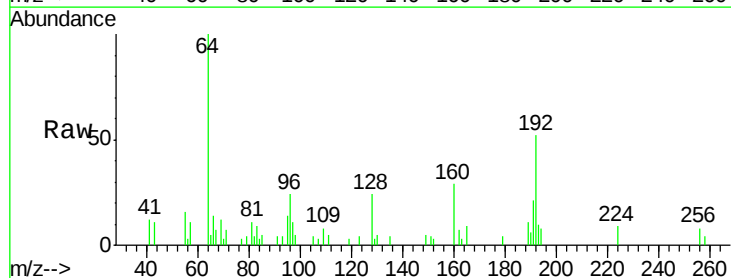
Tgt Ion:149 Resp: 799

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.0#

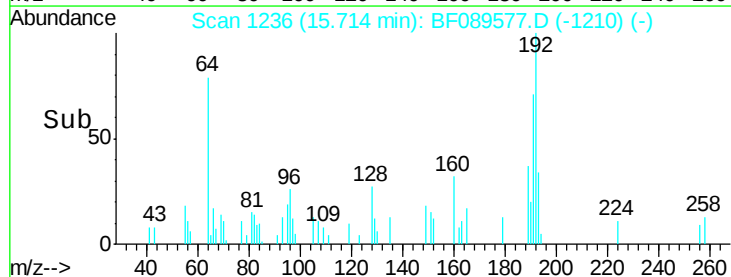
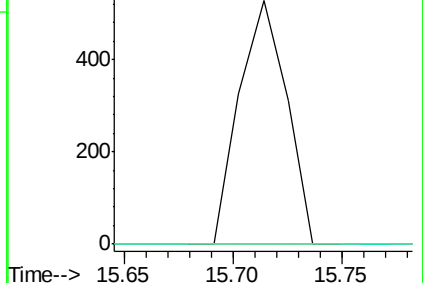
104 0.0 4.6 7.0#

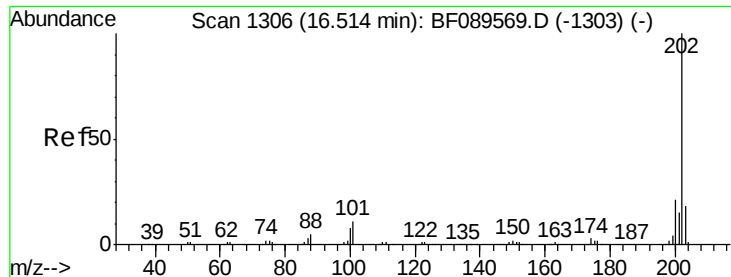


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

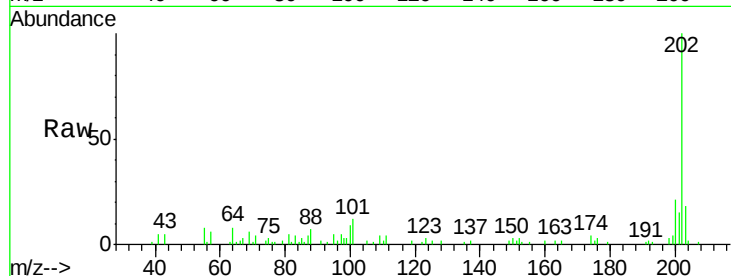




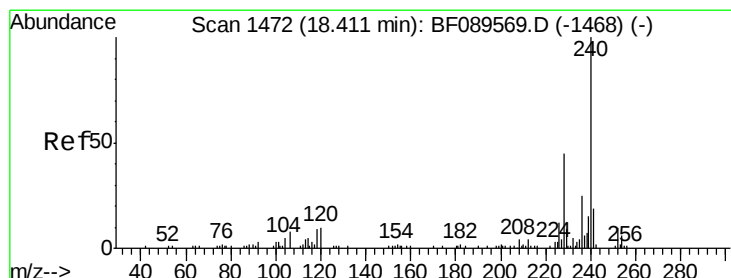
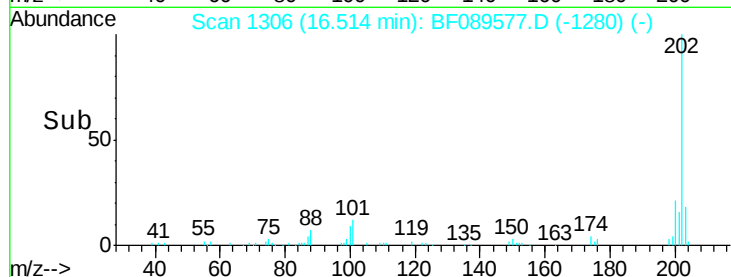
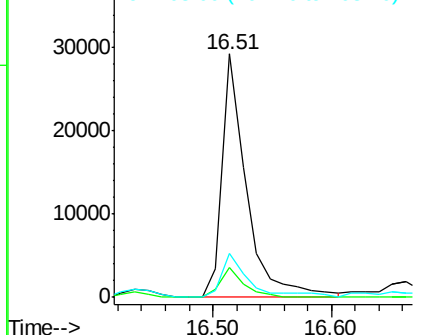
#74
 Fluoranthene
 Concen: 5.95 ng
 RT: 16.51 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BF089577.D
 Acq: 4 Aug 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	202	Resp:	41647
Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.0
203	18.0	0.0	37.7

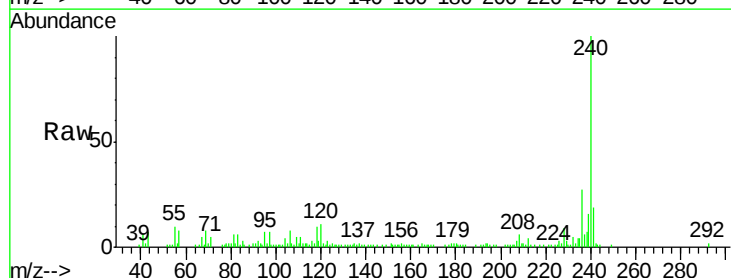


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

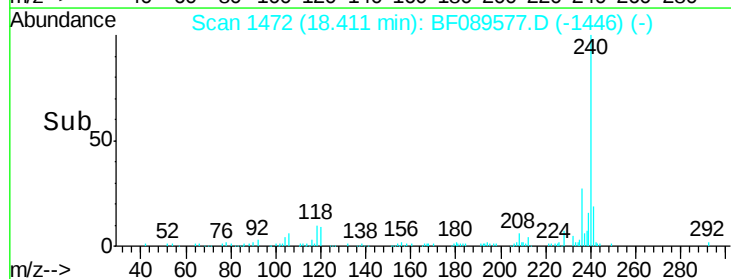
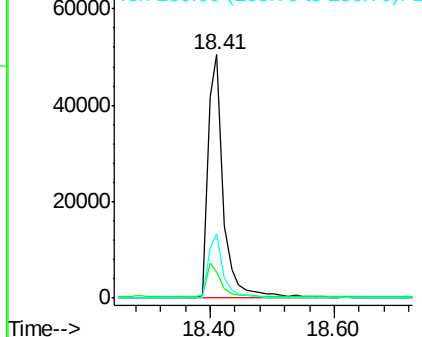


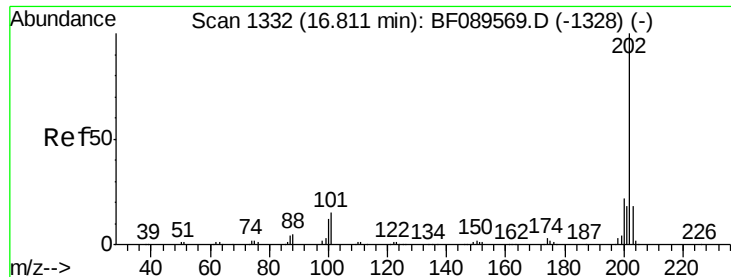
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.41 min Scan# 1472
 Delta R.T. 0.00 min
 Lab File: BF089577.D
 Acq: 4 Aug 2016 3:50

Tgt Ion:	240	Resp:	85938
Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.2	12.2
236	26.6	20.3	30.5



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

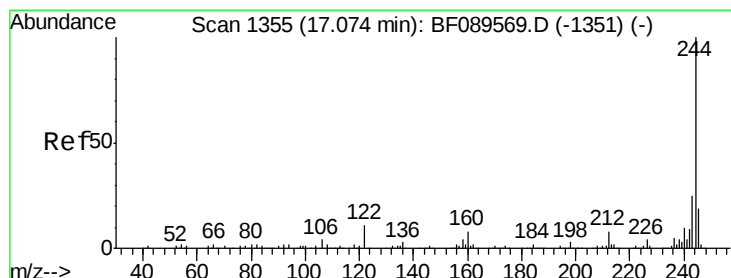
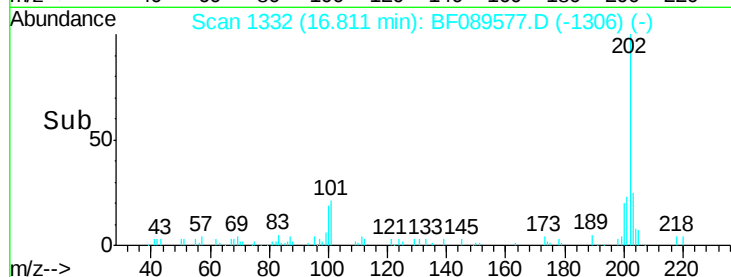
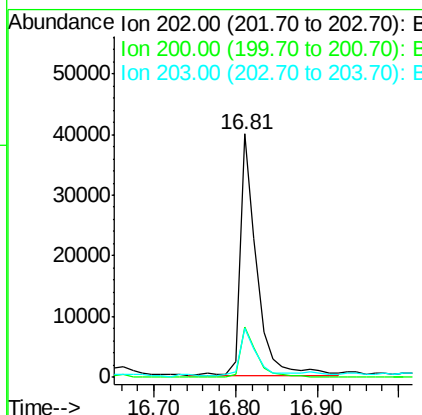
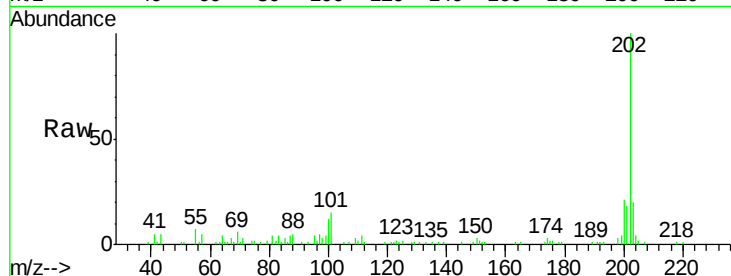




#77
Pvrene
Concen: 7.24 ng
RT: 16.81 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF089577.D
Acq: 4 Aug 2016 3:50

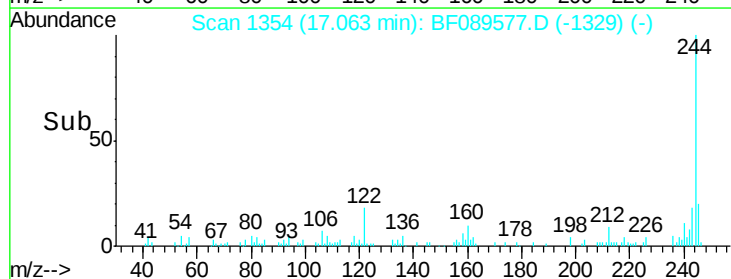
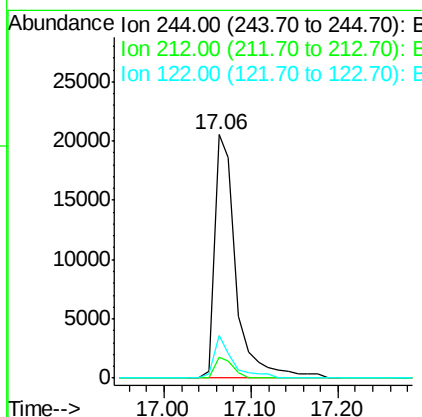
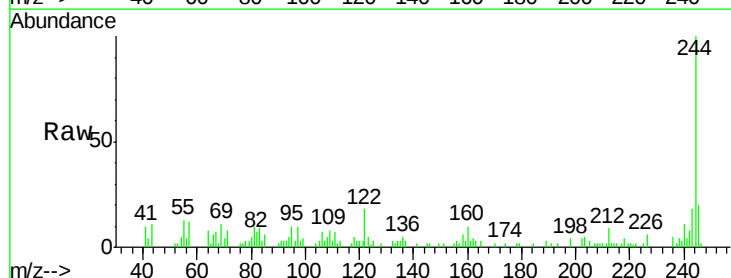
Instrument :
BNA_F
ClientSampleId :

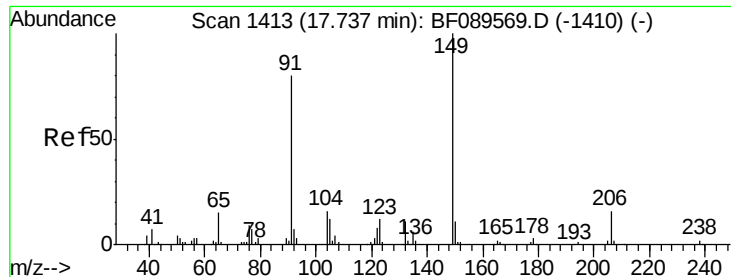
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.2	25.8
203	20.0	14.2	21.2



#78
Terphenyl-d14
Concen: 8.25 ng
RT: 17.06 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF089577.D
Acq: 4 Aug 2016 3:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.2	9.4
122	17.6	8.5	12.7#





#79

Butylbenzylphthalate

Concen: 0.17 ng

RT: 17.75 min Scan# 1414

Delta R.T. 0.01 min

Lab File: BF089577.D

Acq: 4 Aug 2016 3:50

Instrument :

BNA_F

ClientSampleId :

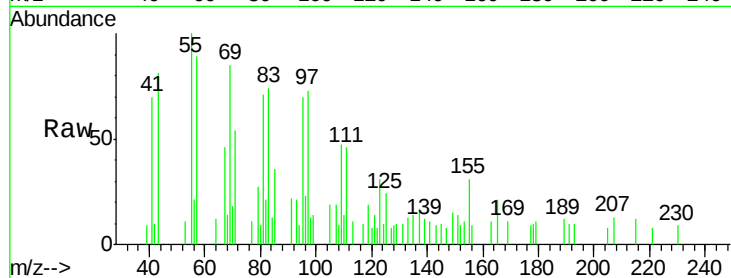
Tot Ion:149 Resp: 481

Ion Ratio Lower Upper

149 100

91 141.1 63.6 95.4#

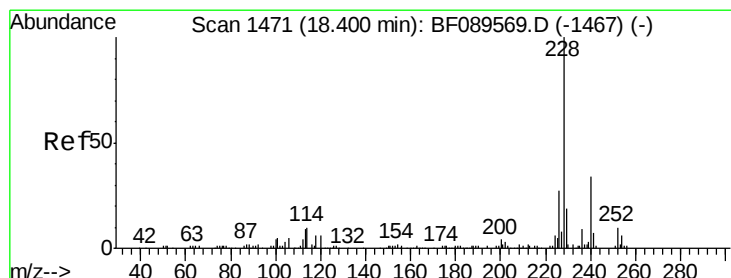
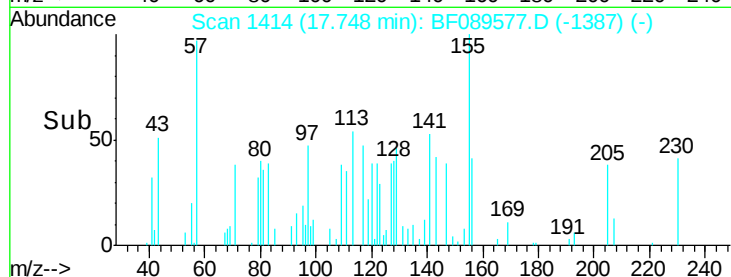
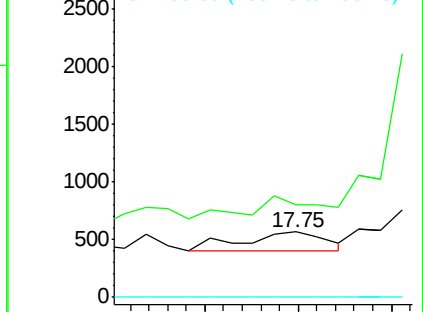
206 0.0 12.8 19.2#



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: 3.59 ng

RT: 18.40 min Scan# 1471

Delta R.T. 0.00 min

Lab File: BF089577.D

Acq: 4 Aug 2016 3:50

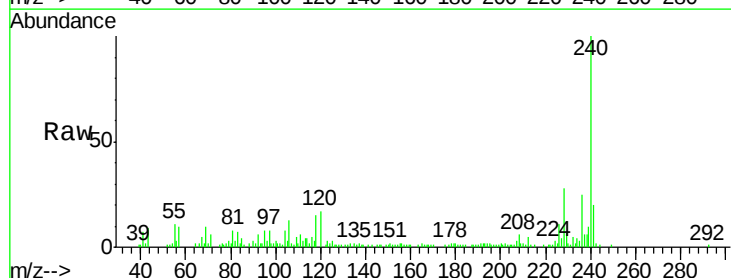
Tgt Ion:228 Resp: 18002

Ion Ratio Lower Upper

228 100

226 39.2 21.5 32.3#

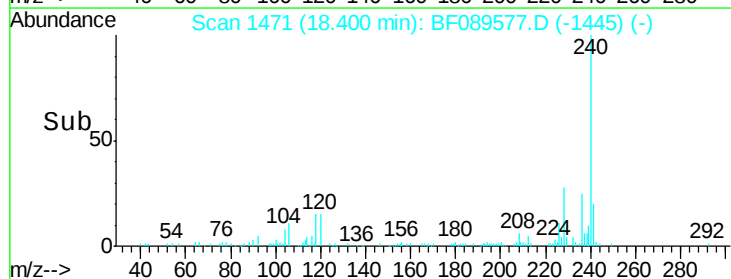
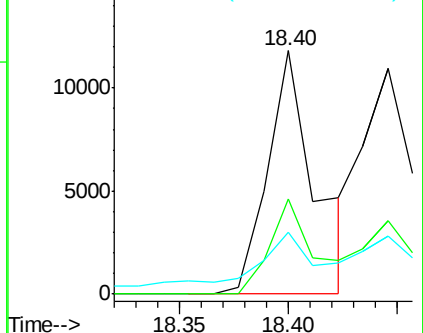
229 25.5 15.1 22.7#

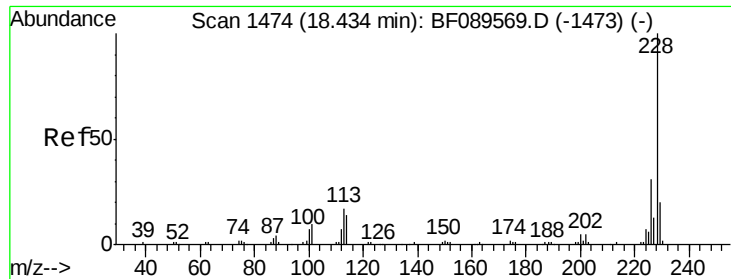


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

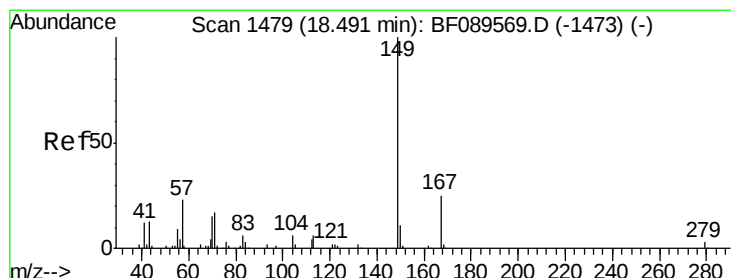
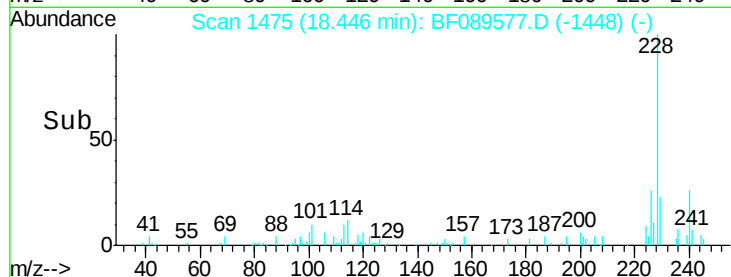
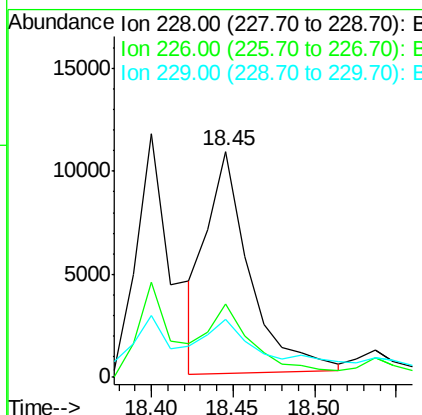
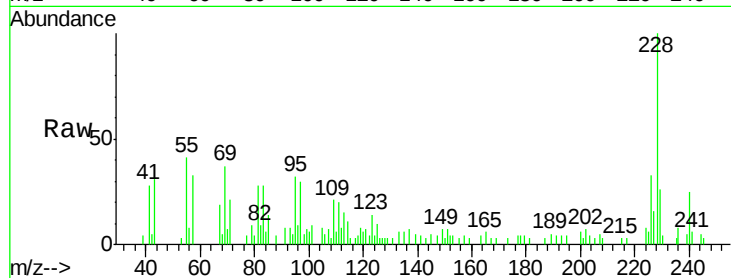




#82
 Chrysene
 Concen: 3.84 ng
 RT: 18.45 min Scan# 1475
 Delta R.T. 0.01 min
 Lab File: BF089577.D
 Acq: 4 Aug 2016 3:50

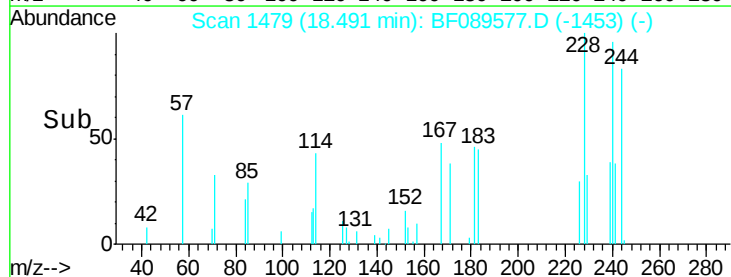
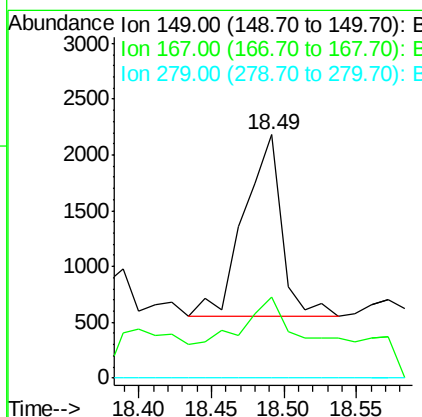
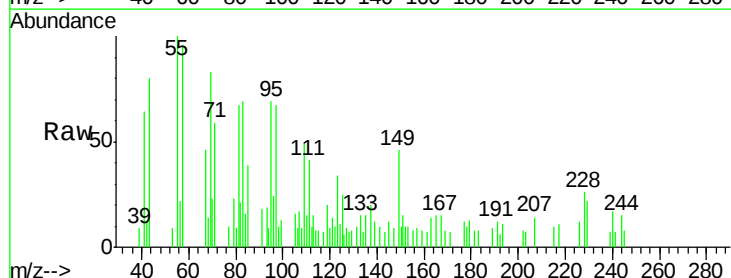
Instrument :
 BNA_F
 ClientSampleId :

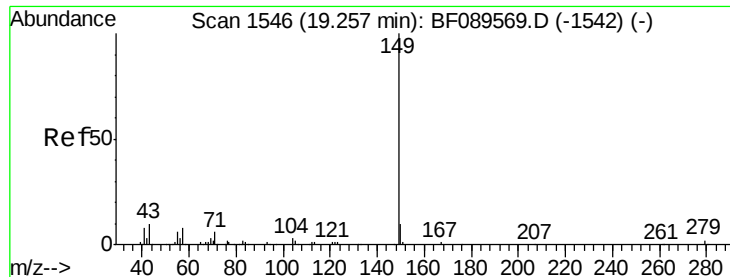
Tot Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.3	36.5
229	25.6	15.7	23.5



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.76 ng
 RT: 18.49 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF089577.D
 Acq: 4 Aug 2016 3:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	33.1	19.7	29.5
279	0.0	2.3	3.5

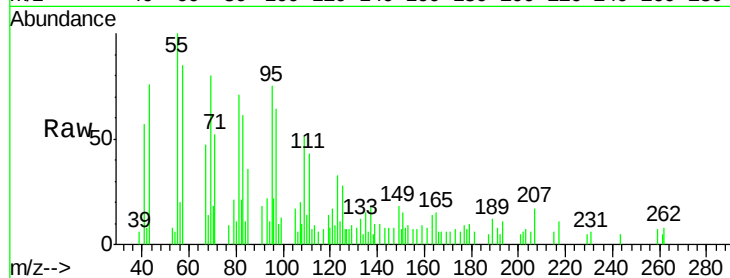




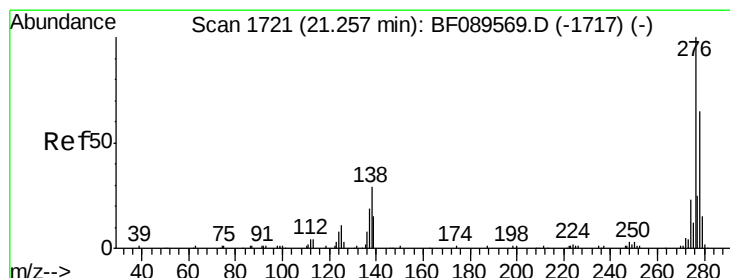
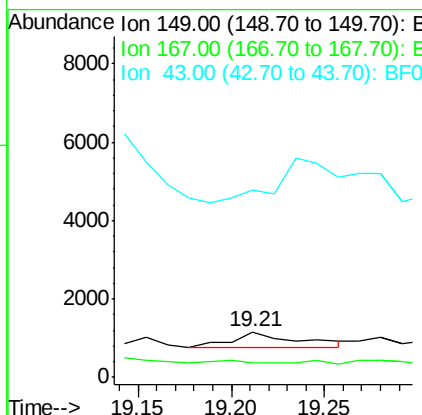
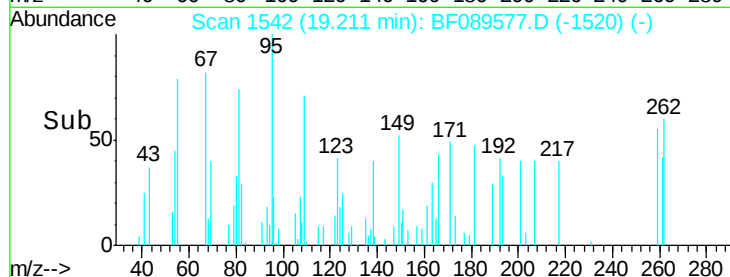
#84
Di-n-octyl phthalate
Concen: 0.16 ng
RT: 19.21 min Scan# 1542
Delta R.T. -0.05 min
Lab File: BF089577.D
Acq: 4 Aug 2016 3:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 923
Ion Ratio Lower Upper
149 100
167 14.1 1.1 1.7#
43 0.0 7.3 10.9#

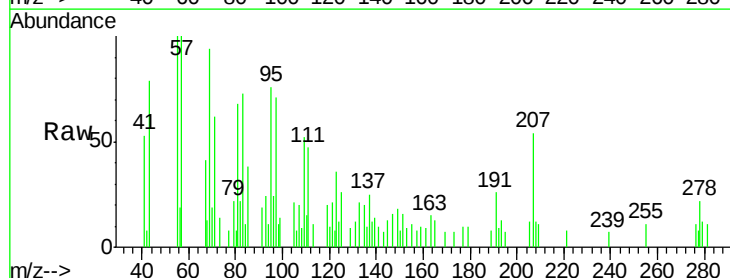


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

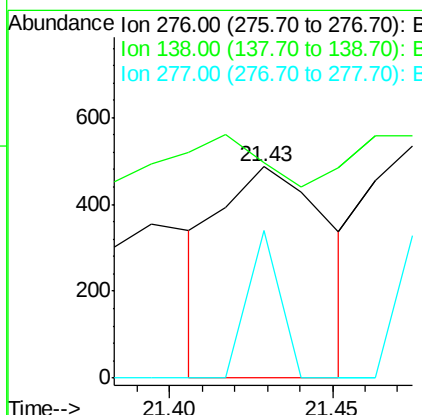
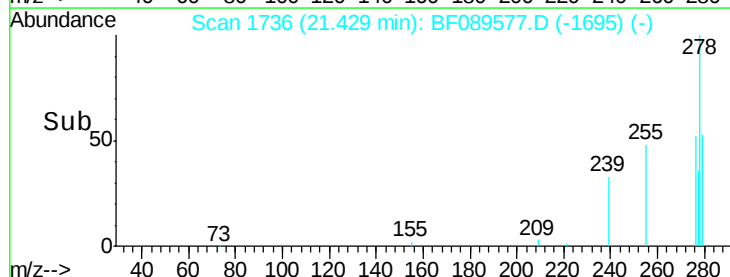


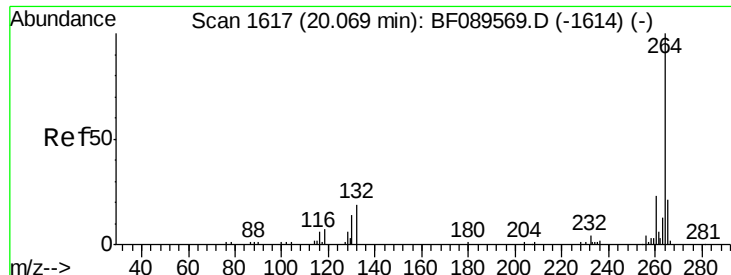
#85
Indeno(1,2,3-cd)pyrene
Concen: Below Cal
RT: 21.43 min Scan# 1736
Delta R.T. 0.17 min
Lab File: BF089577.D
Acq: 4 Aug 2016 3:50

Tgt Ion:276 Resp: 1130
Ion Ratio Lower Upper
276 100
138 30.7 23.5 35.3
277 20.7 20.5 30.7



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

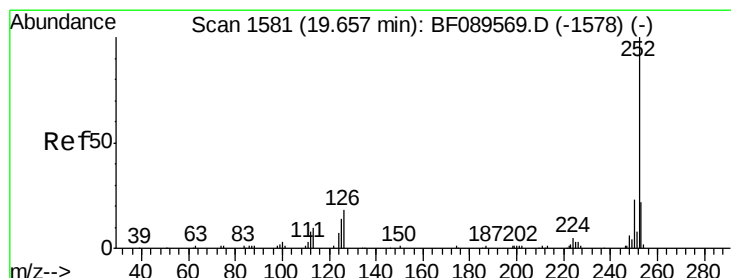
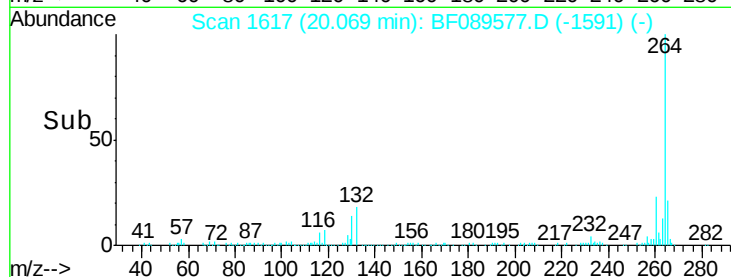
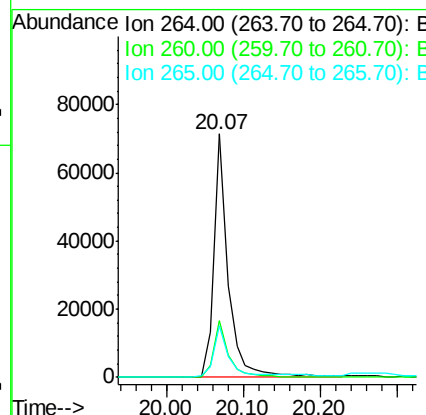
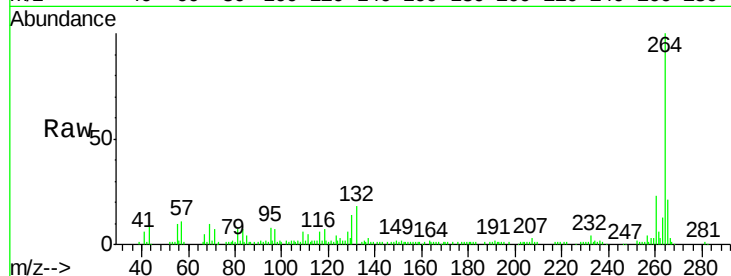




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.07 min Scan# 1617
Delta R.T. 0.00 min
Lab File: BF089577.D
Acq: 4 Aug 2016 3:50

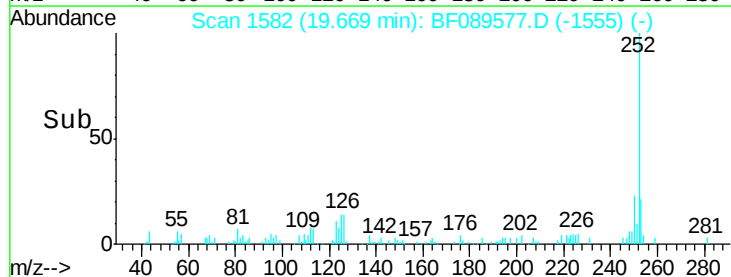
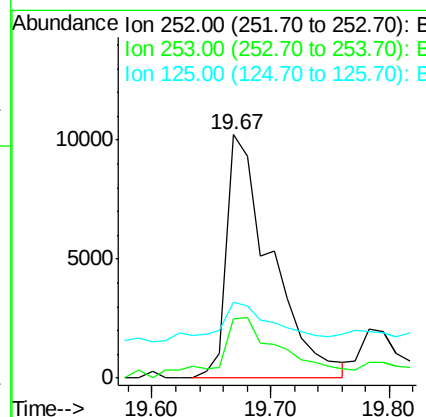
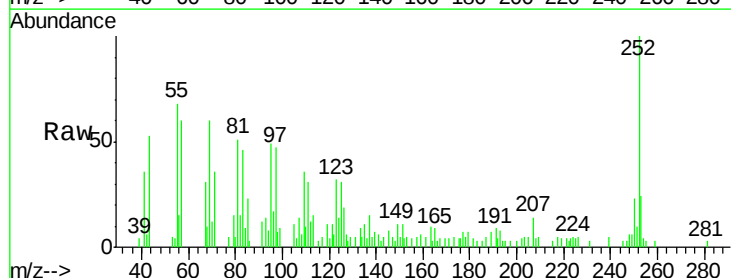
Instrument :
BNA_F
ClientSampleId :

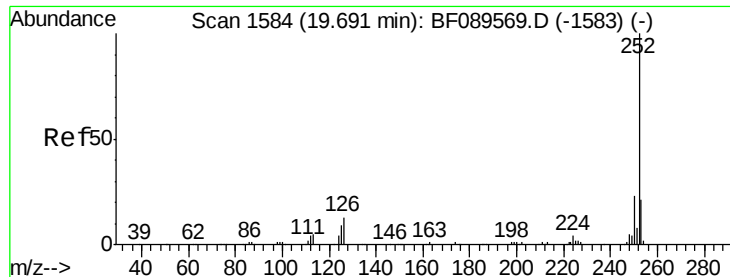
Tot Ion:264 Resp: 92287
Ion Ratio Lower Upper
264 100
260 23.4 18.5 27.7
265 21.1 16.6 25.0



#87
Benzo(b)fluoranthene
Concen: 4.73 ng
RT: 19.67 min Scan# 1582
Delta R.T. 0.01 min
Lab File: BF089577.D
Acq: 4 Aug 2016 3:50

Tgt Ion:252 Resp: 26649
Ion Ratio Lower Upper
252 100
253 24.3 17.6 26.4
125 31.0 11.0 16.4#

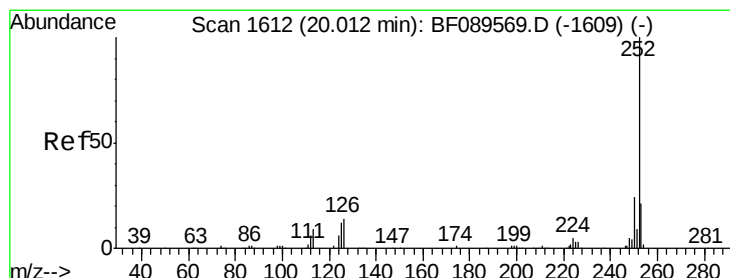
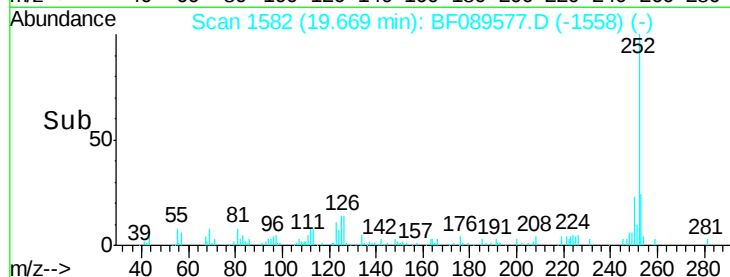
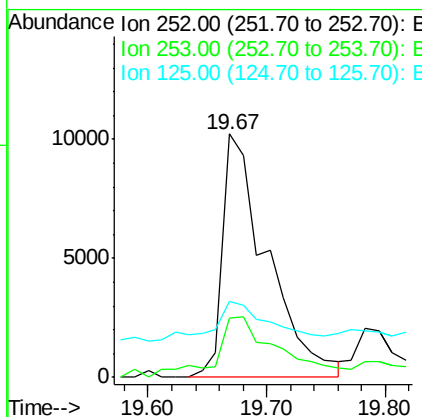
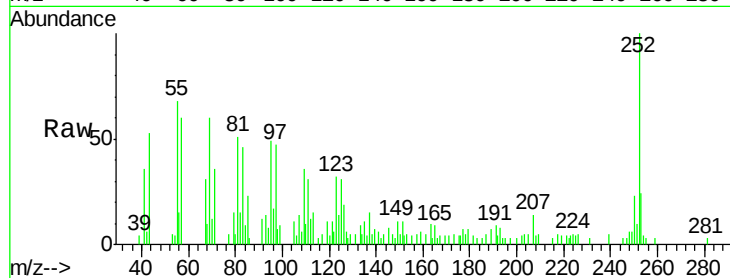




#88
Benzo(k)fluoranthene
Concen: 4.81 ng
RT: 19.67 min Scan# 1582
Delta R.T. -0.02 min
Lab File: BF089577.D
Acq: 4 Aug 2016 3:50

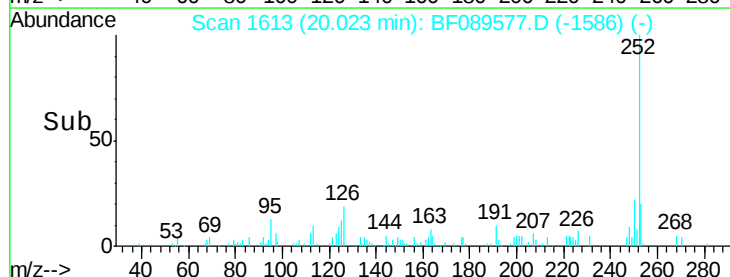
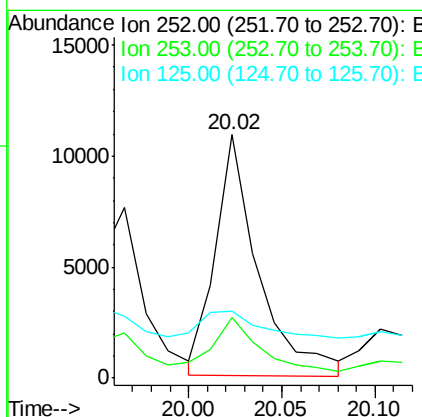
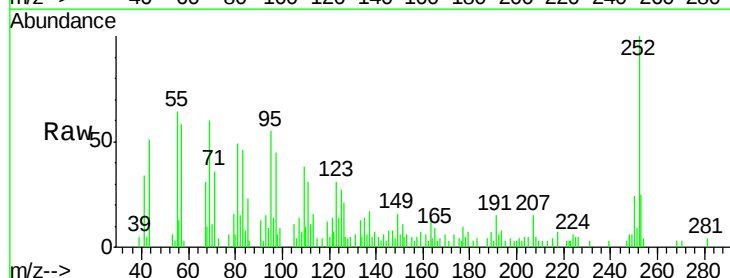
Instrument :
BNA_F
ClientSampleId :

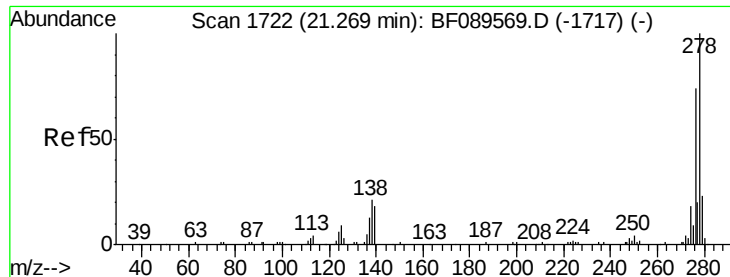
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.2	25.8
125	31.0	9.3	13.9



#89
Benzo(a)pyrene
Concen: 3.34 ng
RT: 20.02 min Scan# 1613
Delta R.T. 0.01 min
Lab File: BF089577.D
Acq: 4 Aug 2016 3:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	16.6	24.8
125	27.4	9.4	14.0

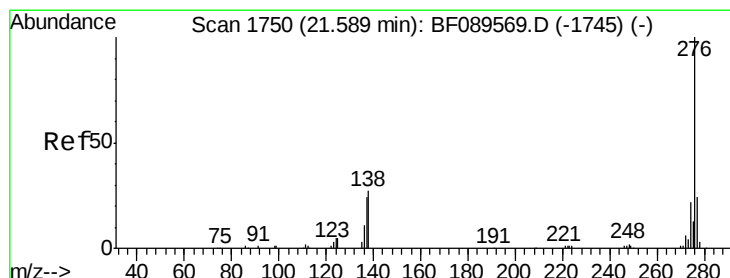
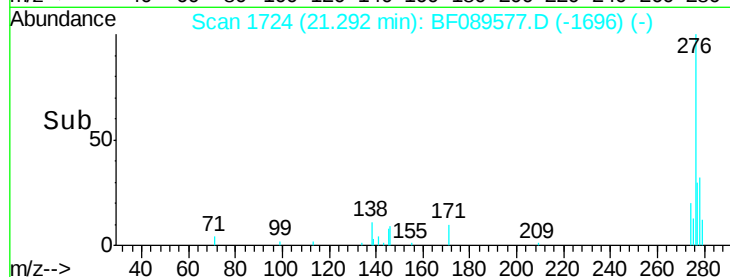
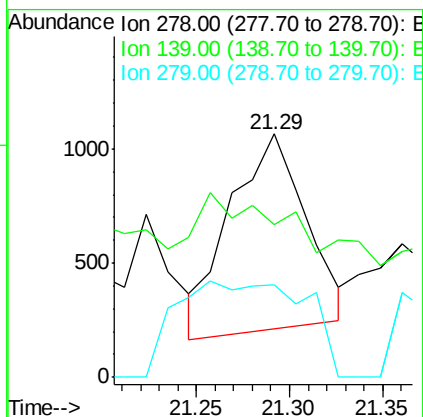
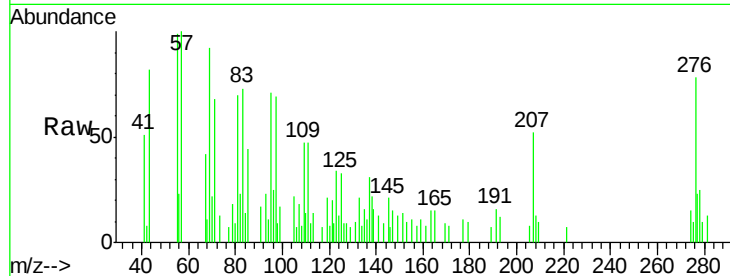




#90
Dibenzo(a,h)anthracene
Concen: 0.49 ng
RT: 21.29 min Scan# 1724
Delta R.T. 0.02 min
Lab File: BF089577.D
Acq: 4 Aug 2016 3:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 2436
Ion Ratio Lower Upper
278 100
139 62.9 14.1 21.1#
279 37.9 18.7 28.1#



#91
Benzo(g,h,i)perylene
Concen: 2.48 ng
RT: 21.61 min Scan# 1752
Delta R.T. 0.02 min
Lab File: BF089577.D
Acq: 4 Aug 2016 3:50

Tgt Ion:276 Resp: 12846
Ion Ratio Lower Upper
276 100
277 26.0 19.0 28.6
138 35.1 21.7 32.5#

