

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
 Data File : BF096354.D
 Acq On : 30 Jun 2017 23:35
 Operator : SJ/MA
 Sample : I3930-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

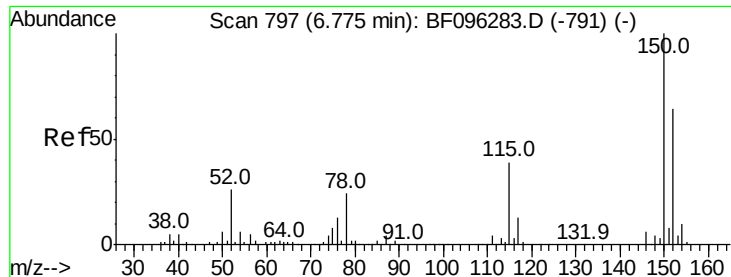
Quant Time: Jul 01 00:18:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	158956	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	613099	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	218773	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	315572	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	288913	20.00	ng	0.00
86) Perylene-d12	15.33	264	196937	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	1092902	99.05	ng	0.00
7) Phenol-d6	6.39	99	1323818	99.09	ng	0.00
23) Nitrobenzene-d5	7.32	82	761969	86.03	ng	-0.04
41) 2,4,6-Tribromophenol	10.58	330	210369	122.19	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	1102638	92.30	ng	-0.03
78) Terphenyl-d14	12.86	244	753194	65.05	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.30	77	7761	Below Cal	#	78
19) n-Nitroso-di-n-propylamine	7.32	70	100263	12.53	ng	86
25) Isophorone	7.32	82	759434	37.76	ng	67
31) Naphthalene	8.06	128	168666	5.71	ng	98
32) Benzoic acid	7.89	122	250	8.82	ng	94
35) Caprolactam	8.43	113	9012	3.36	ng	# 21
37) 2-Methylnaphthalene	8.75	142	105722	5.51	ng	96
48) Acenaphthylene	9.65	152	205850	8.91	ng	99
49) Dimethylphthalate	9.51	163	198636	12.69	ng	98
53) 2,4-Dinitrophenol	10.07	184	634	8.15	ng	# 32
54) Dibenzofuran	10.00	168	58871	3.32	ng	# 93
57) Fluorene	10.34	166	12467	Below Cal	#	94
60) 4-Chlorophenyl-phenylether	10.06	204	666	Below Cal	#	65
64) 4,6-Dinitro-2-methylphenol	10.58	198	470	8.98	ng	# 1
66) 4-Bromophenyl-phenylether	10.57	248	11330	3.49	ng	# 1
70) Phenanthrene	11.30	178	190038	5.22	ng	97
71) Anthracene	11.35	178	205870	11.67	ng	99
72) Carbazole	11.50	167	50263	2.58	ng	97
74) Fluoranthene	12.49	202	466169	26.59	ng	99
77) Pvrene	12.71	202	526055	22.16	ng	99
80) Benzo(a)anthracene	13.93	228	365346	20.74	ng	96
82) Chrysene	13.93	228	365346	20.06	ng	98
83) Bis(2-ethylhexyl)phthalate	13.90	149	34859	2.95	ng	# 99
85) Indeno(1,2,3-cd)pyrene	16.72	276	231822	15.33	ng	93
87) Benzo(b)fluoranthene	14.93	252	763433	59.01	ng	# 97
88) Benzo(k)fluoranthene	14.93	252	763433	64.64	ng	99
89) Benzo(a)pyrene	15.27	252	252567	22.10	ng	# 93
90) Dibenzo(a,h)anthracene	16.73	278	56481	6.31	ng	# 87
91) Benzo(g,h,i)perylene	17.14	276	221397	23.81	ng	95

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

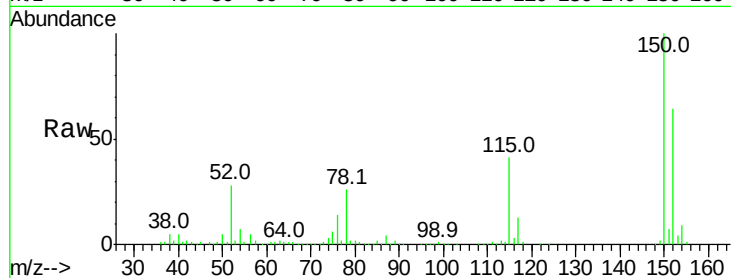


#1

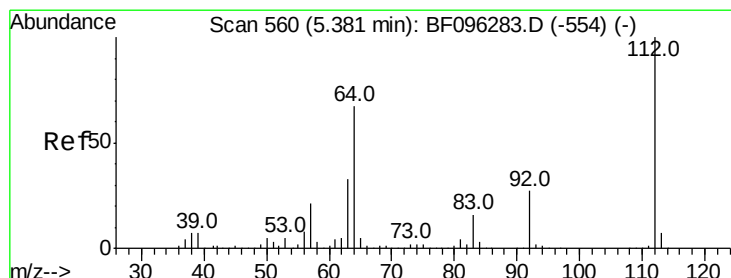
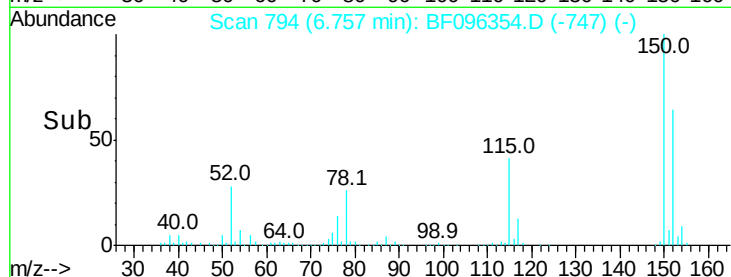
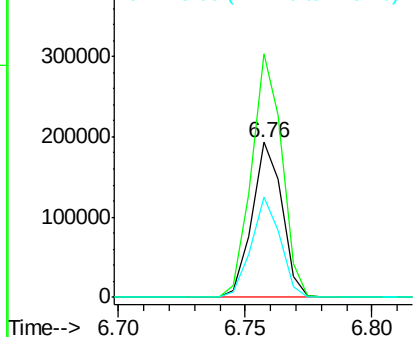
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF096354.D
Acq: 30 Jun 2017 23:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 158956
Ion Ratio Lower Upper
152 100
150 157.1 126.2 189.2
115 64.5 52.2 78.2



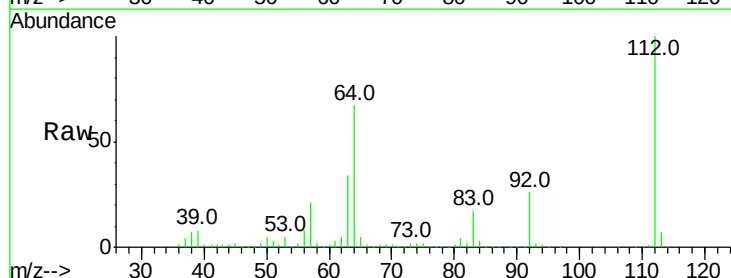
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



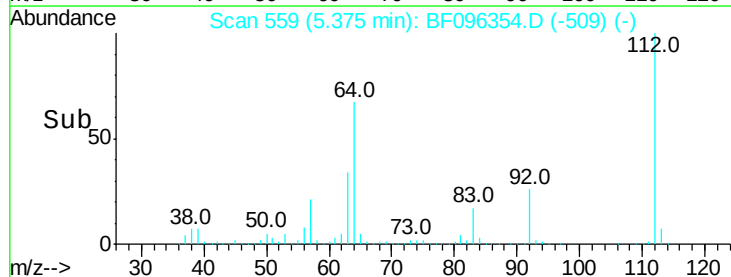
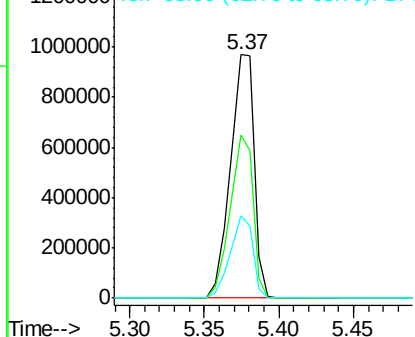
#5

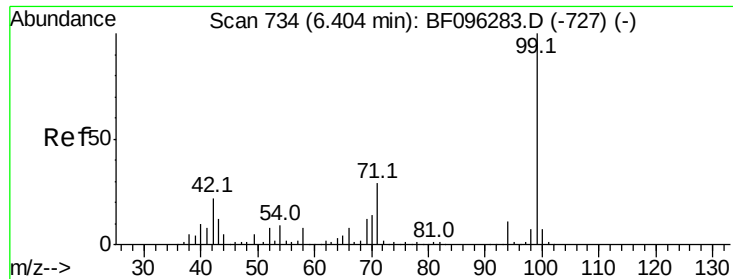
2-Fluorophenol
Concen: 99.05 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF096354.D
Acq: 30 Jun 2017 23:35

Tgt Ion:112 Resp: 1092902
Ion Ratio Lower Upper
112 100
64 66.9 46.0 69.0
63 33.7 23.4 35.0



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





#7

Phenol-d6

Concen: 99.09 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF096354.D

Acq: 30 Jun 2017 23:35

Instrument :

BNA_F

ClientSampleId :

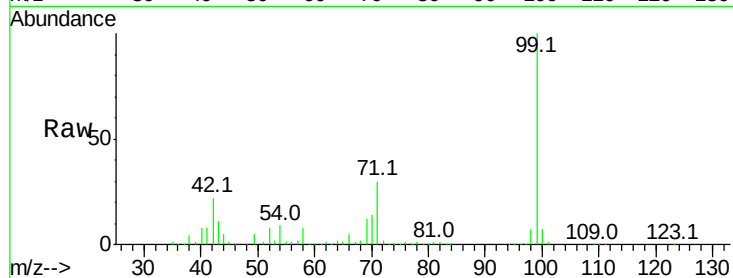
Tot Ion: 99 Resp: 1323818

Ion Ratio Lower Upper

99 100

42 21.9 13.5 20.3#

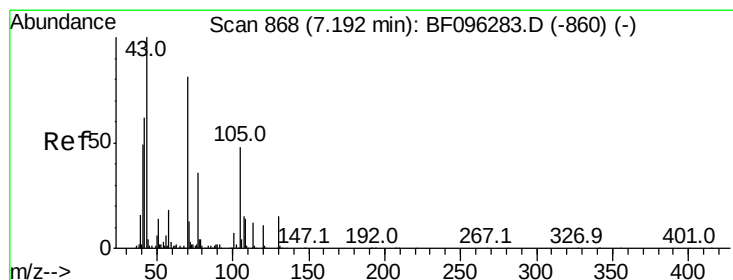
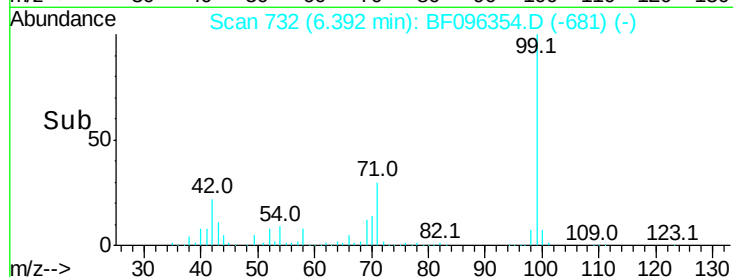
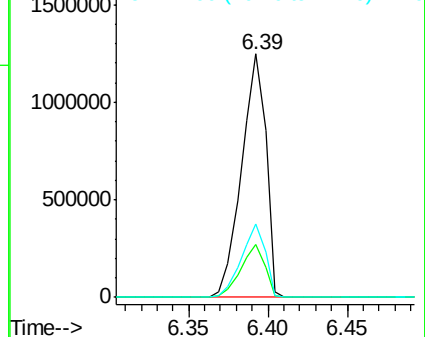
71 30.3 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.53 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF096354.D

Acq: 30 Jun 2017 23:35

Tgt Ion: 70 Resp: 100263

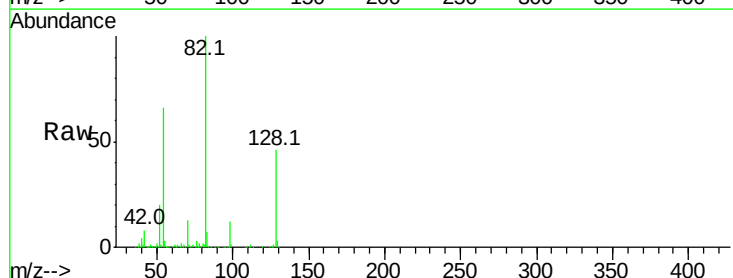
Ion Ratio Lower Upper

70 100

42 61.9 47.2 70.8

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#

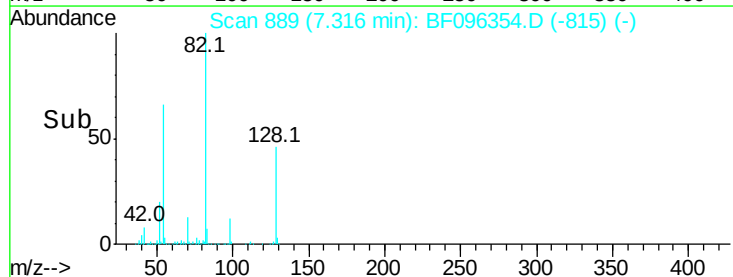
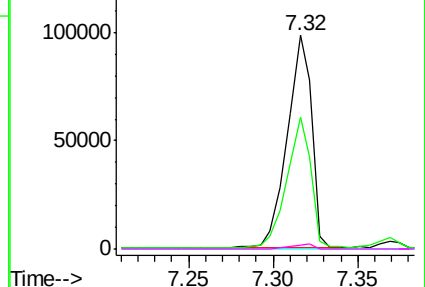


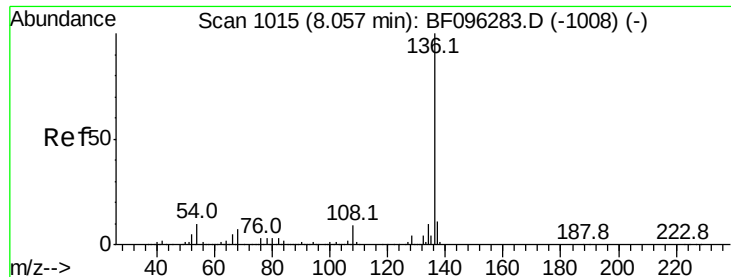
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.02 min

Lab File: BF096354.D

Acq: 30 Jun 2017 23:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 613099

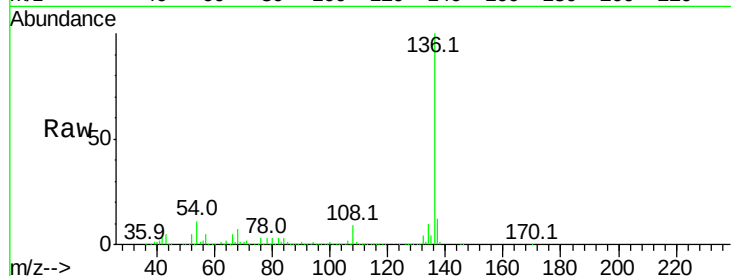
Ion Ratio Lower Upper

136 100

137 11.6 8.5 12.7

54 11.4 4.9 7.3#

68 6.7 4.1 6.1#

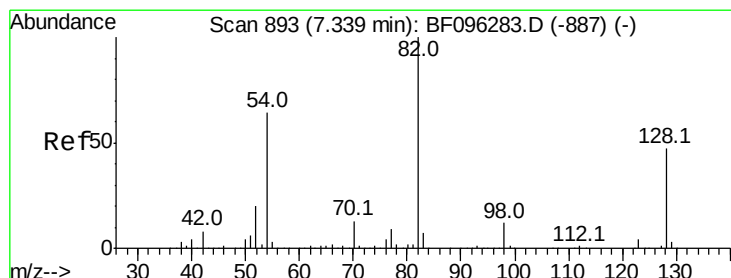
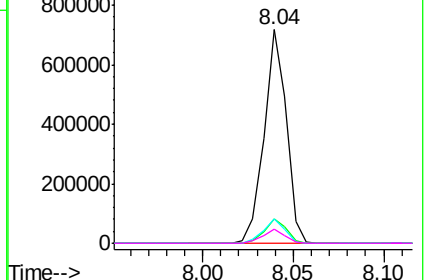
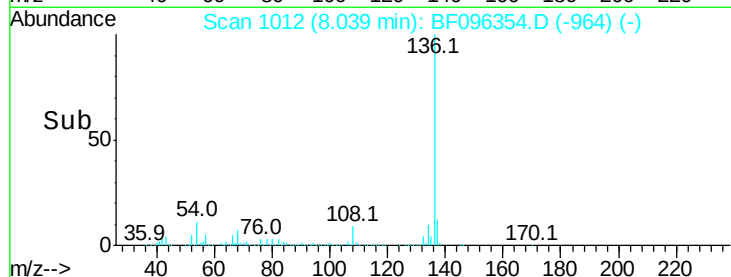


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 86.03 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.04 min

Lab File: BF096354.D

Acq: 30 Jun 2017 23:35

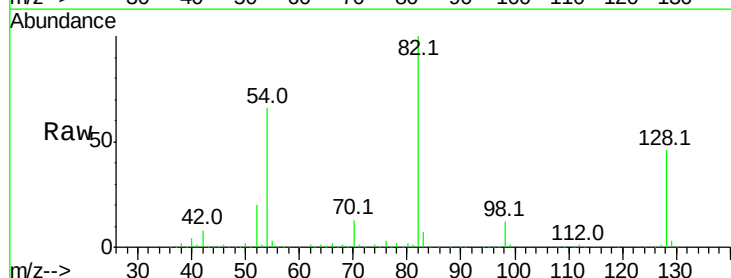
Tgt Ion: 82 Resp: 761969

Ion Ratio Lower Upper

82 100

128 45.9 34.0 51.0

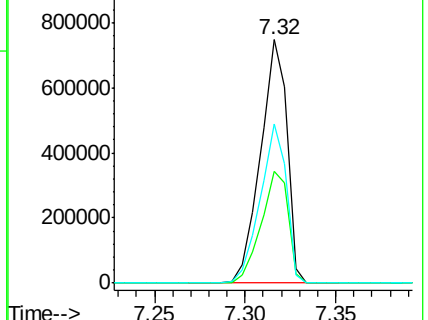
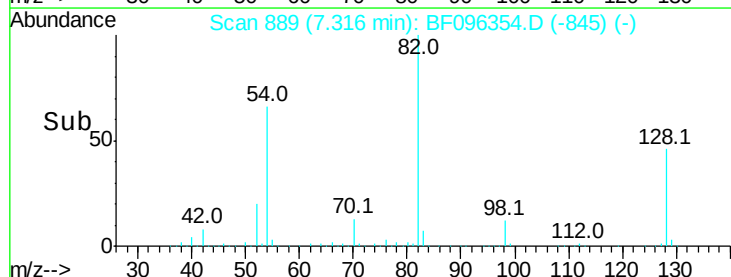
54 65.6 42.2 63.2#

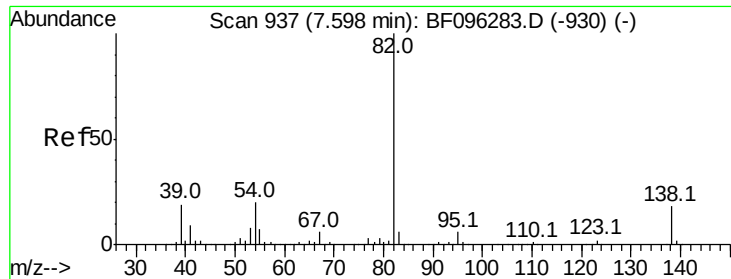


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 37.76 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.28 min

Lab File: BF096354.D

Acq: 30 Jun 2017 23:35

Instrument :

BNA_F

ClientSampleId :

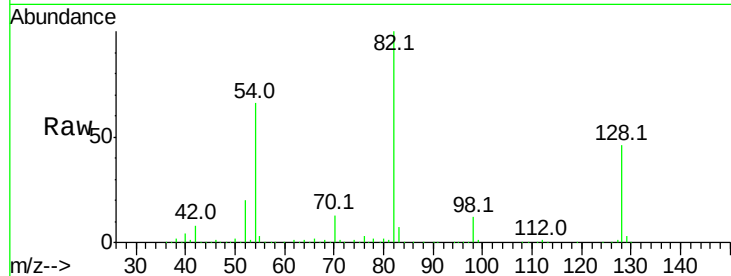
Tot Ion: 82 Resp: 759434

Ion Ratio Lower Upper

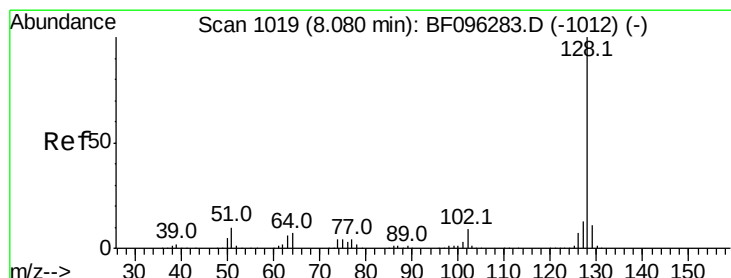
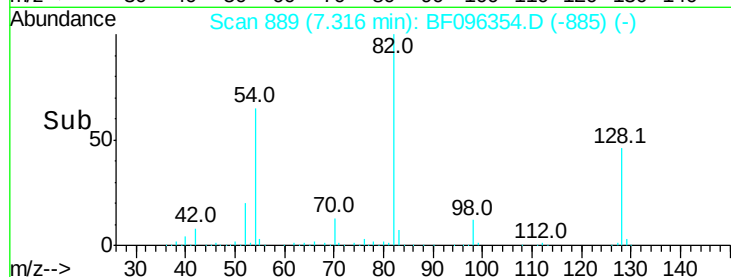
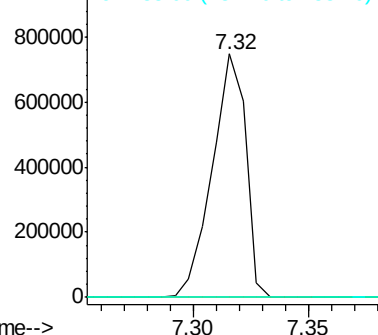
82 100

95 0.2 5.3 7.9#

138 0.0 13.1 19.7#



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): E



#31

Naphthalene

Concen: 5.71 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.02 min

Lab File: BF096354.D

Acq: 30 Jun 2017 23:35

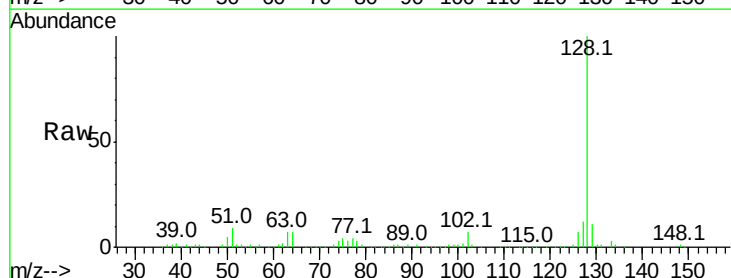
Tgt Ion: 128 Resp: 168666

Ion Ratio Lower Upper

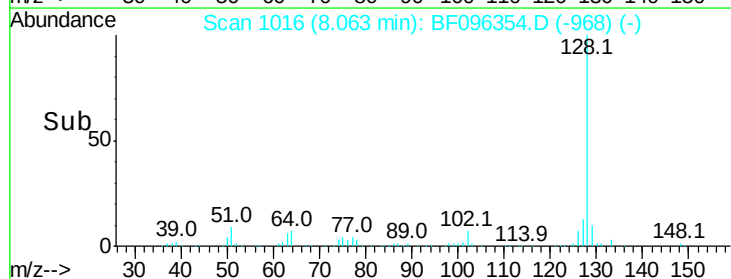
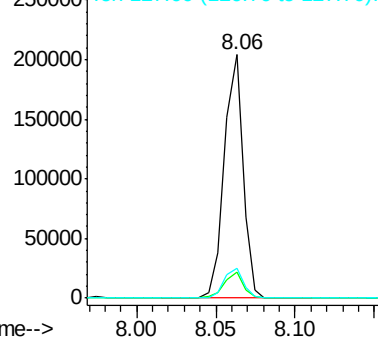
128 100

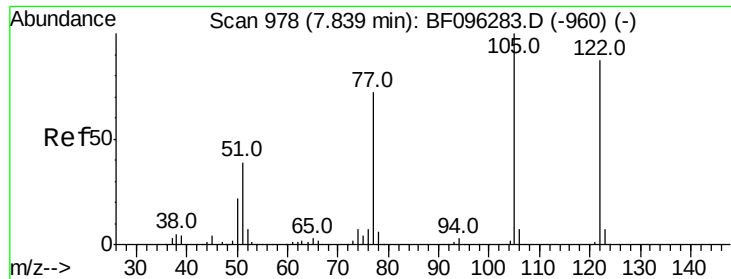
129 10.6 9.0 13.6

127 12.5 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





#32

Benzoic acid

Concen: 8.82 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.01 min

Lab File: BF096354.D

Acq: 30 Jun 2017 23:35

Instrument :

BNA_F

ClientSampled :

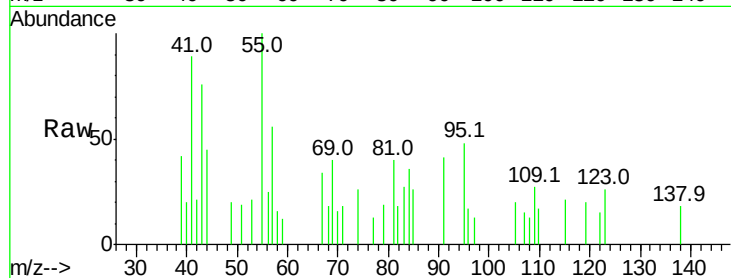
Tot Ion:122 Resp: 250

Ion Ratio Lower Upper

122 100

105 131.0 103.3 143.3

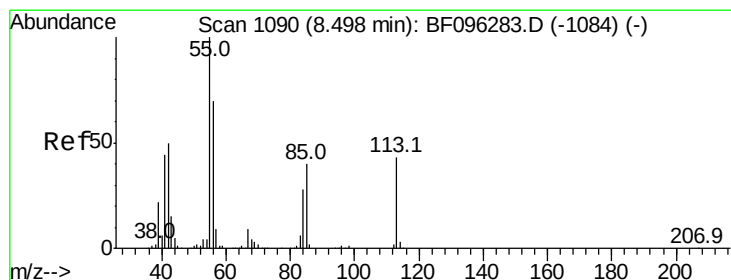
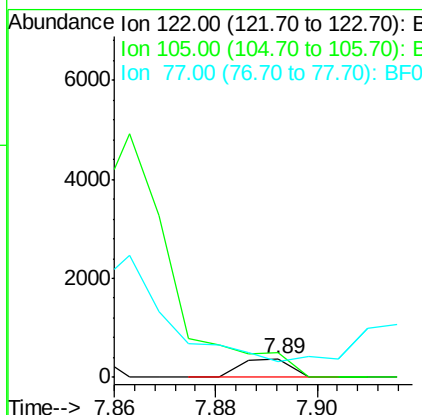
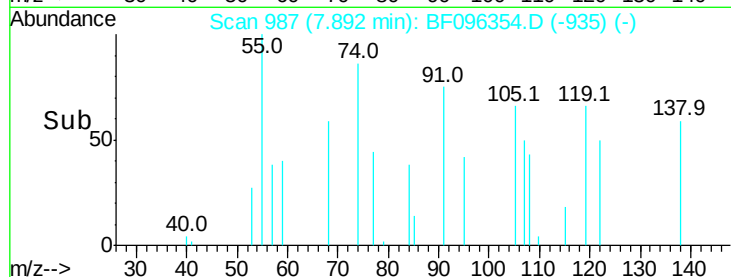
77 88.5 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#35

Caprolactam

Concen: 3.36 ng

RT: 8.43 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BF096354.D

Acq: 30 Jun 2017 23:35

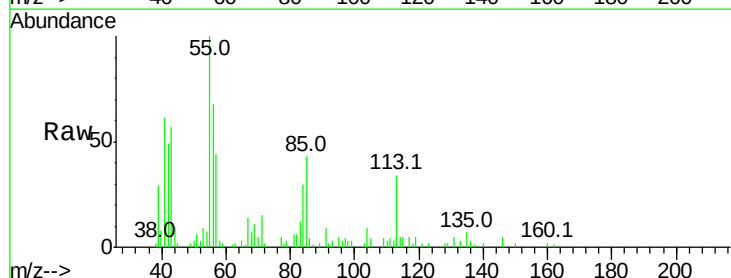
Tgt Ion:113 Resp: 9012

Ion Ratio Lower Upper

113 100

55 295.7 150.2 190.2#

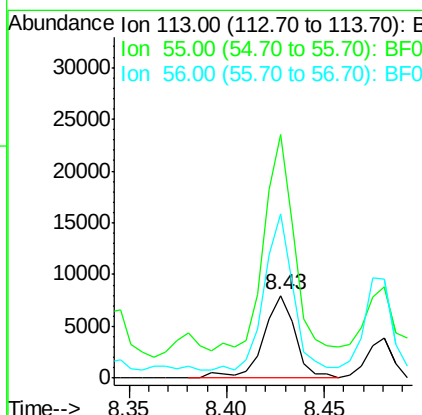
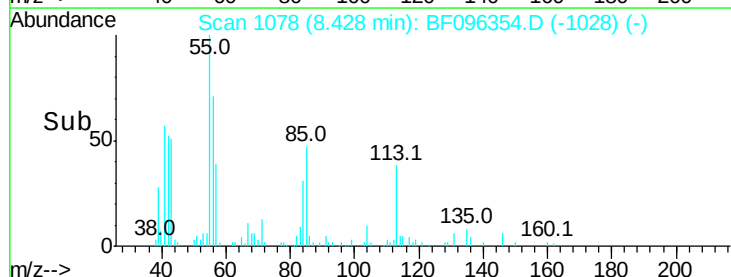
56 199.6 107.8 147.8#

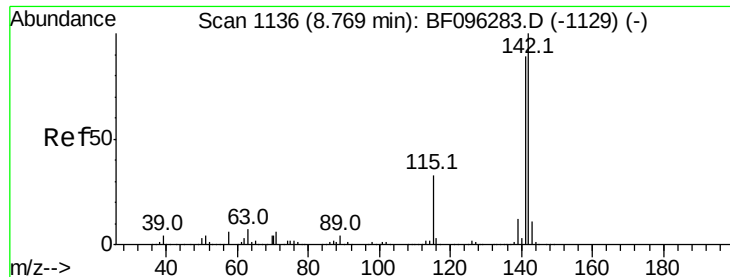


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

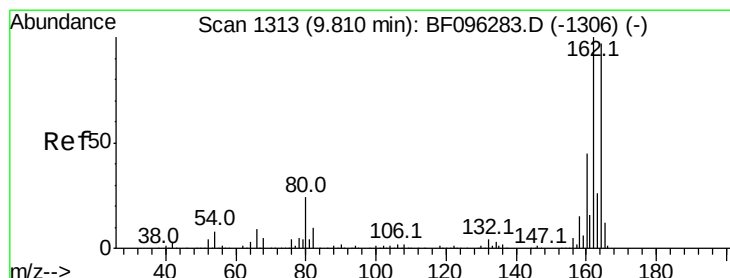
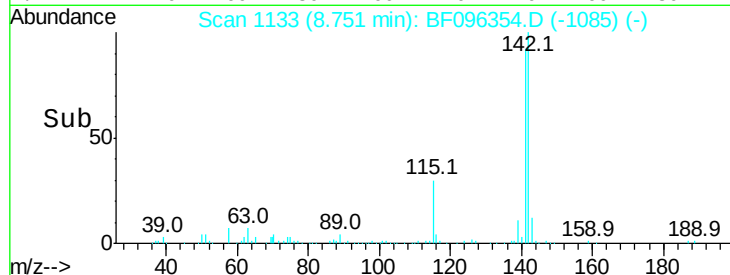
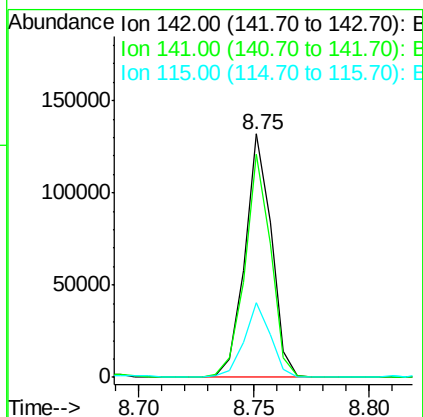
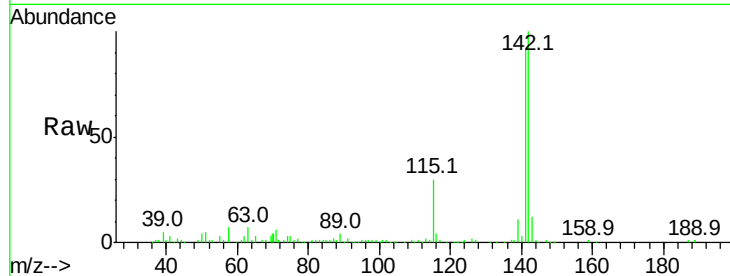




#37
 2-Methylnaphthalene
 Concen: 5.51 ng
 RT: 8.75 min Scan# 1133
 Delta R.T. -0.02 min
 Lab File: BF096354.D
 Acq: 30 Jun 2017 23:35

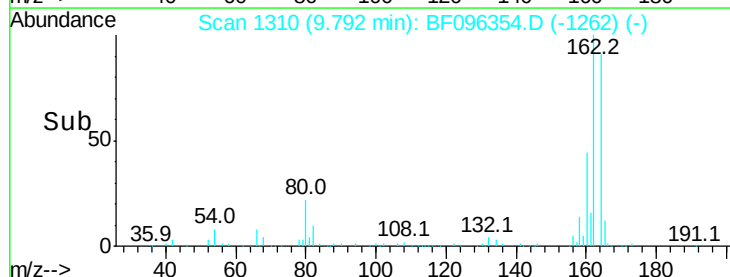
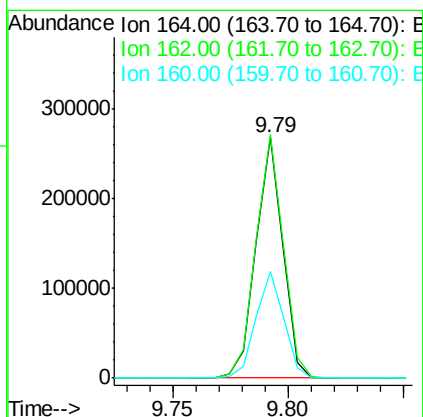
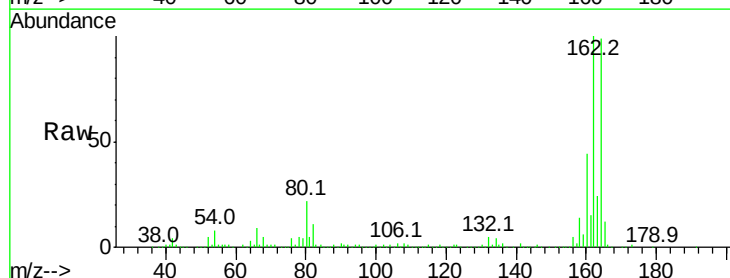
Instrument :
 BNA_F
 ClientSampleId :

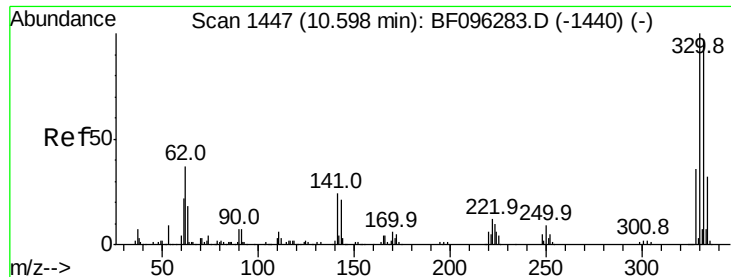
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	71.3	106.9
115	30.4	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.02 min
 Lab File: BF096354.D
 Acq: 30 Jun 2017 23:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.6	123.8
160	44.1	36.2	54.2





#41

2,4,6-Tribromophenol

Concen: 122.19 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF096354.D

Acq: 30 Jun 2017 23:35

Instrument :

BNA_F

ClientSampleId :

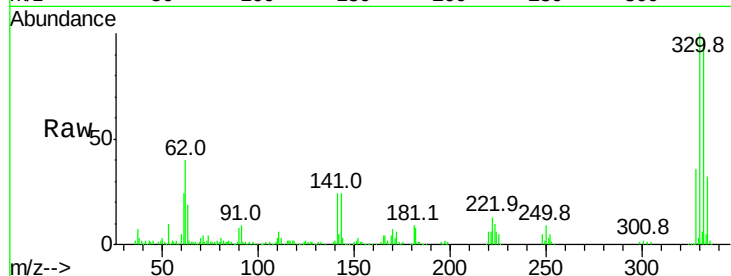
Tot Ion:330 Resp: 210369

Ion Ratio Lower Upper

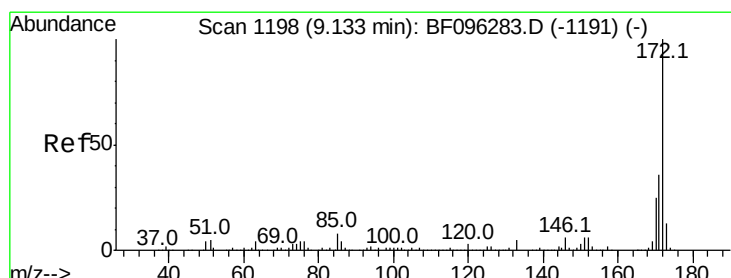
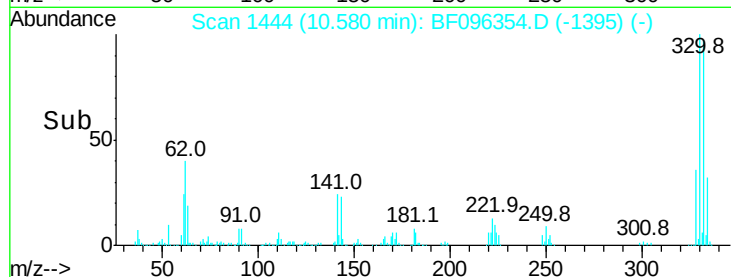
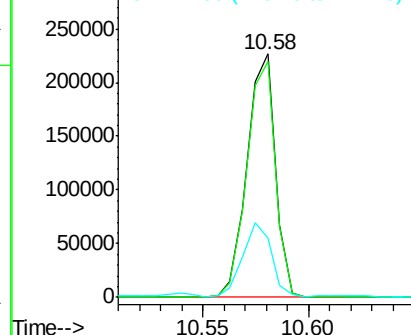
330 100

332 97.8 76.6 115.0

141 30.3 31.4 47.2#



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: 92.30 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.03 min

Lab File: BF096354.D

Acq: 30 Jun 2017 23:35

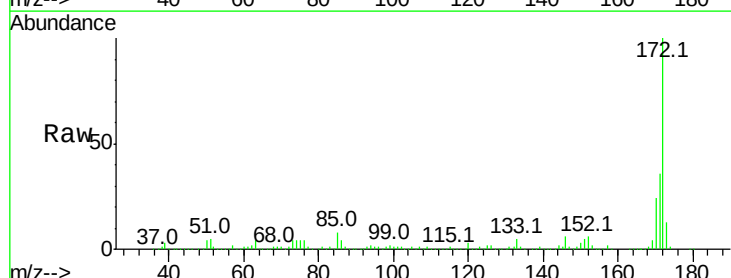
Tgt Ion:172 Resp: 1102638

Ion Ratio Lower Upper

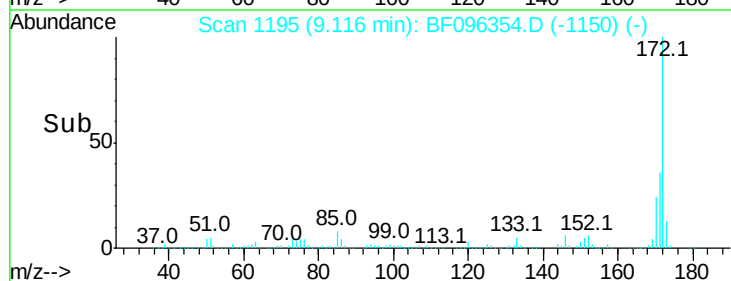
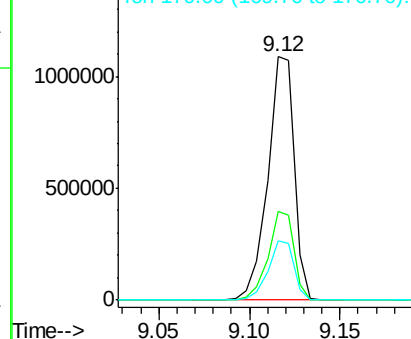
172 100

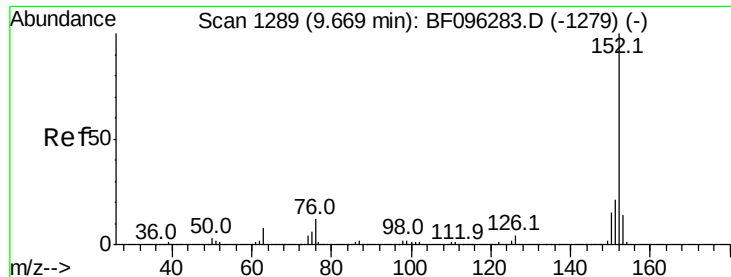
171 36.3 29.6 44.4

170 24.2 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

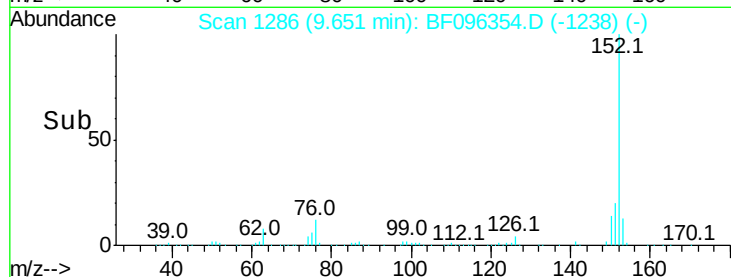
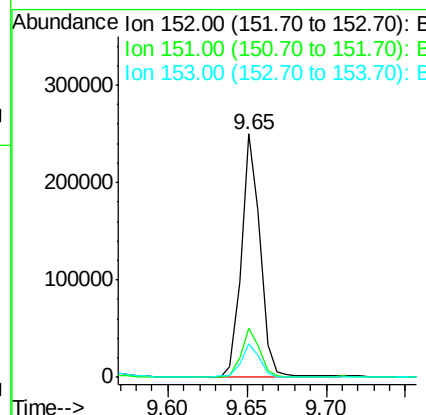
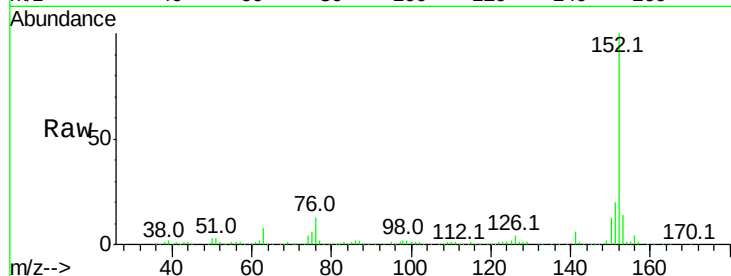




#48
Acenaphthylene
Concen: 8.91 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BF096354.D
Acq: 30 Jun 2017 23:35

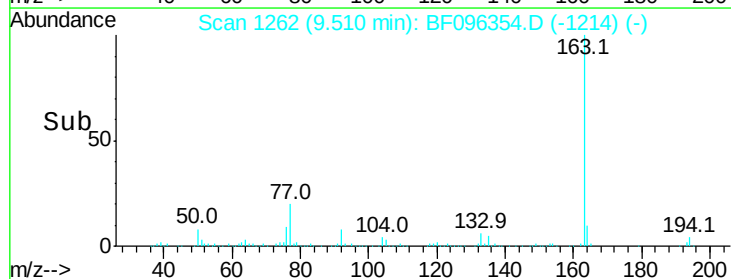
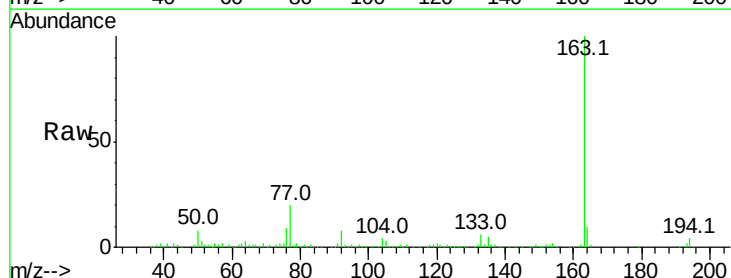
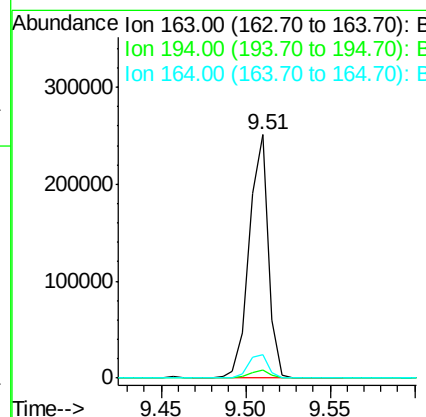
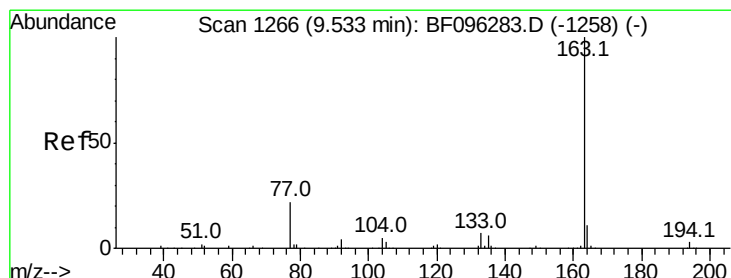
Instrument :
BNA_F
ClientSampleId :

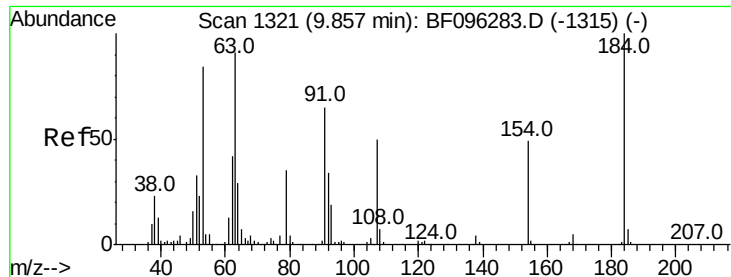
Tot Ion:	152	Resp:	205850
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.8	25.2
153	13.6	10.8	16.2



#49
Dimethylphthalate
Concen: 12.69 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF096354.D
Acq: 30 Jun 2017 23:35

Tgt Ion:	163	Resp:	198636
Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.7	8.4	12.6

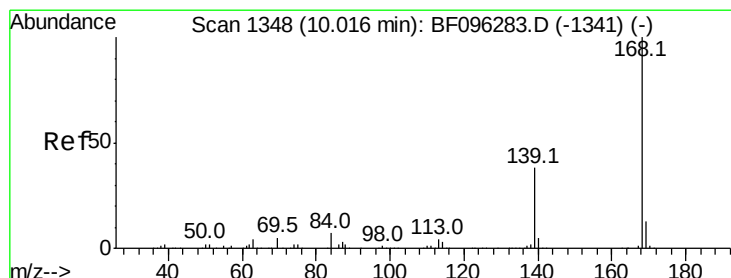
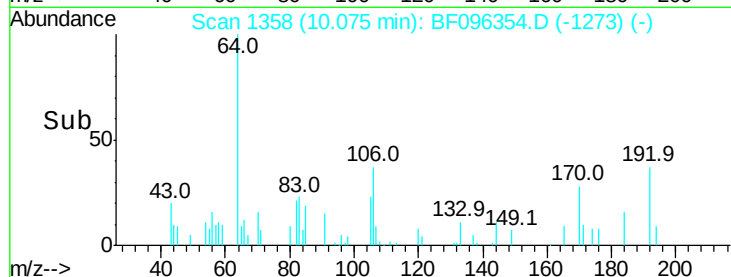
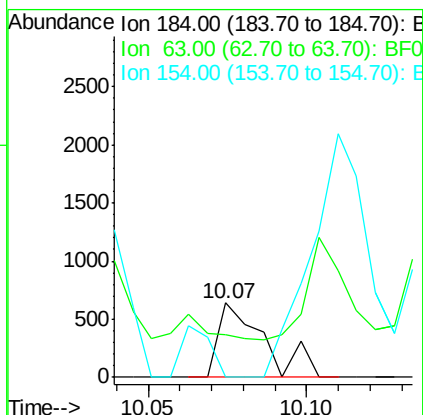
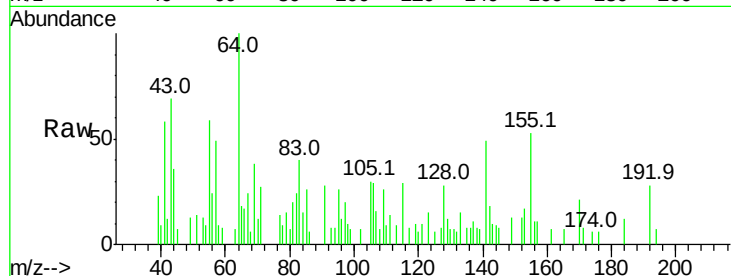




#53
2,4-Dinitrophenol
Concen: 8.15 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.20 min
Lab File: BF096354.D
Acq: 30 Jun 2017 23:35

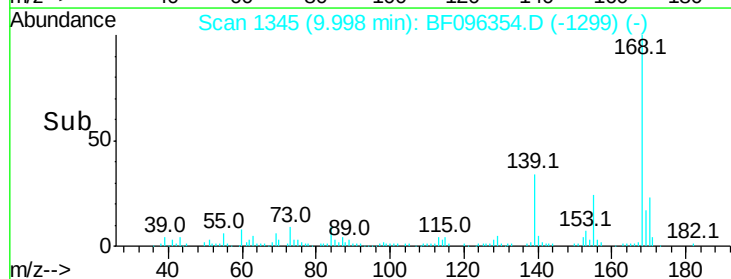
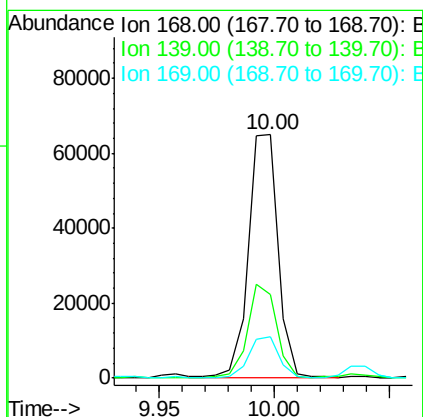
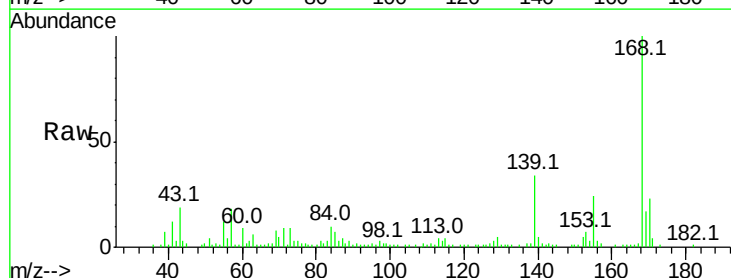
Instrument :
BNA_F
ClientSampled :

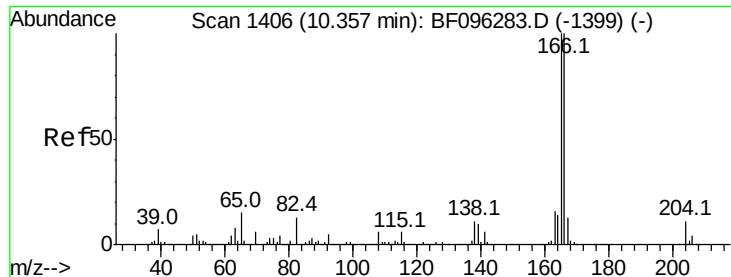
Tot Ion:184 Resp: 634
Ion Ratio Lower Upper
184 100
63 56.7 62.7 94.1#
154 0.0 81.1 121.7#



#54
Dibenzofuran
Concen: 3.32 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.03 min
Lab File: BF096354.D
Acq: 30 Jun 2017 23:35

Tgt Ion:168 Resp: 58871
Ion Ratio Lower Upper
168 100
139 34.1 30.6 45.8
169 17.0 10.8 16.2#

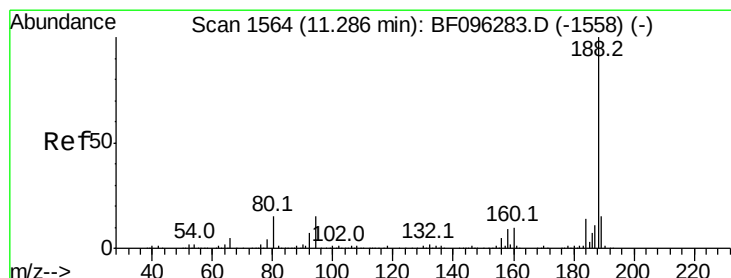
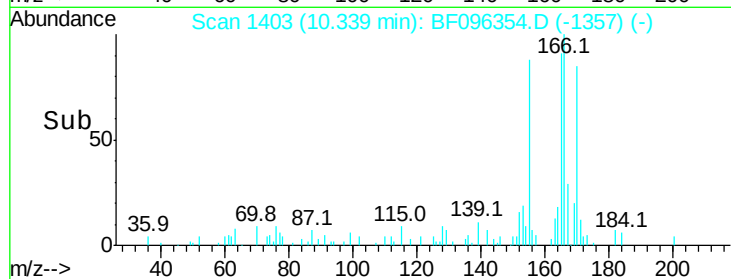
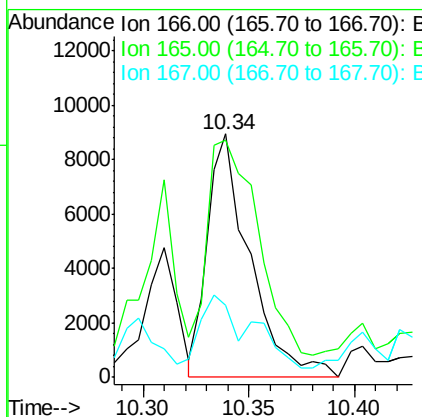
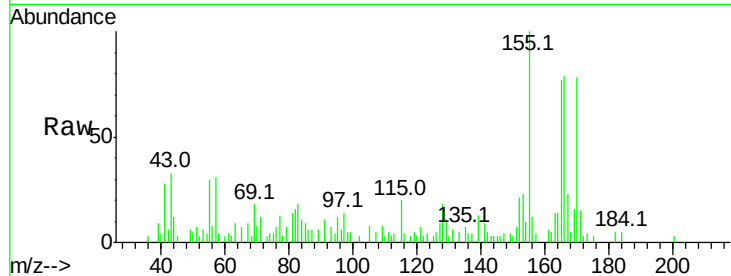




#57
 Fluorene
 Concen: Below Cal
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.03 min
 Lab File: BF096354.D
 Acq: 30 Jun 2017 23:35

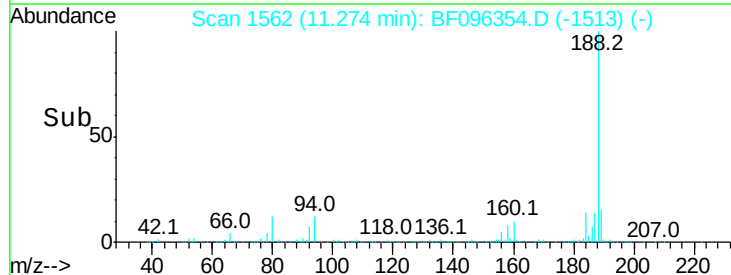
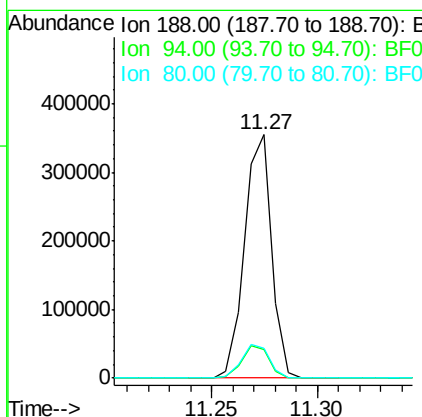
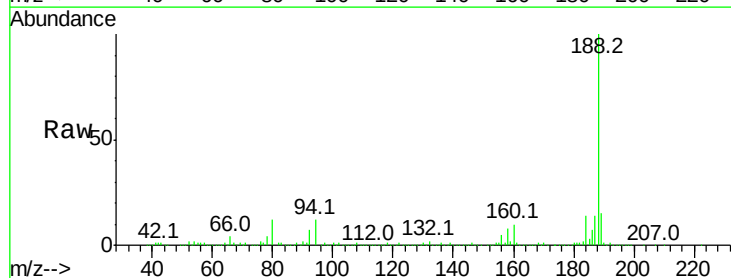
Instrument :
 BNA_F
 ClientSampled :

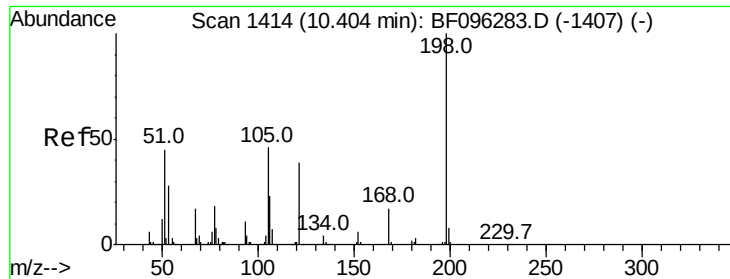
Tot Ion:166 Resp: 12467
 Ion Ratio Lower Upper
 166 100
 165 97.5 78.8 118.2
 167 29.4 10.6 16.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.01 min
 Lab File: BF096354.D
 Acq: 30 Jun 2017 23:35

Tgt Ion:188 Resp: 315572
 Ion Ratio Lower Upper
 188 100
 94 11.9 9.4 14.2
 80 12.4 10.2 15.2

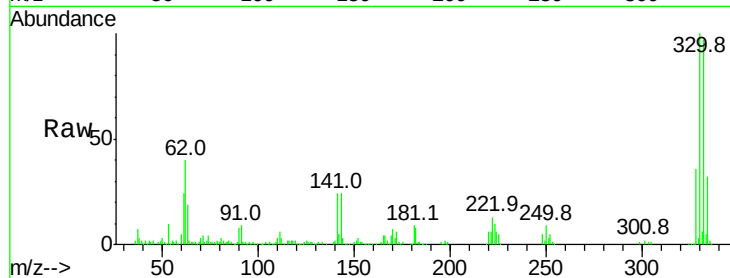




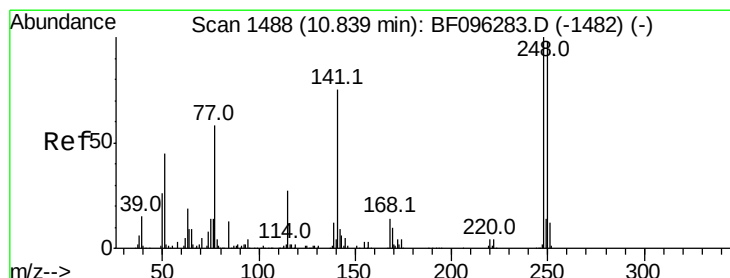
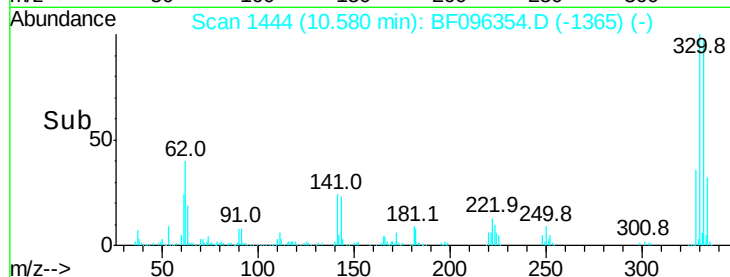
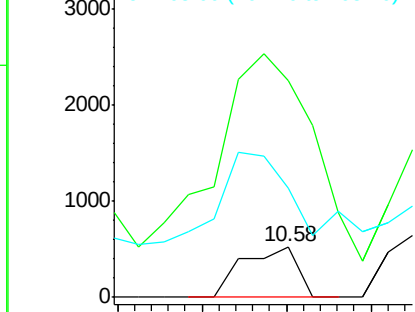
#64
4,6-Dinitro-2-methylphenol
Concen: 8.98 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.17 min
Lab File: BF096354.D
Acq: 30 Jun 2017 23:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 470
Ion Ratio Lower Upper
198 100
51 427.7 53.2 93.2#
105 214.0 45.8 85.8#

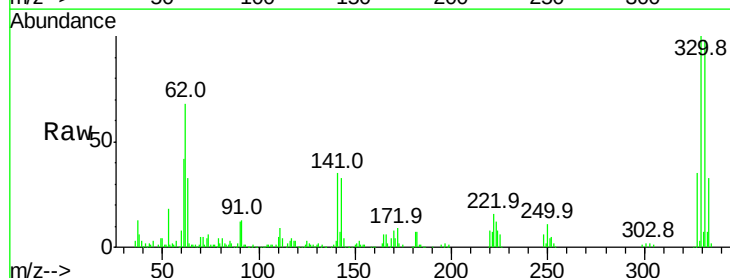


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

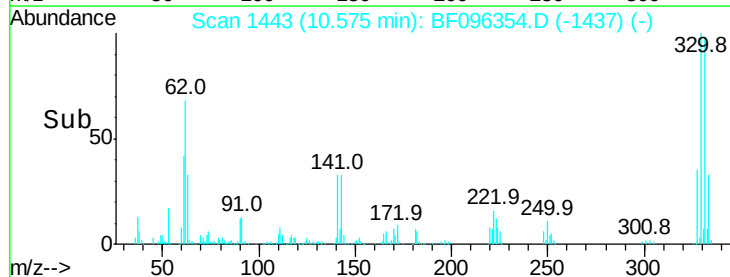
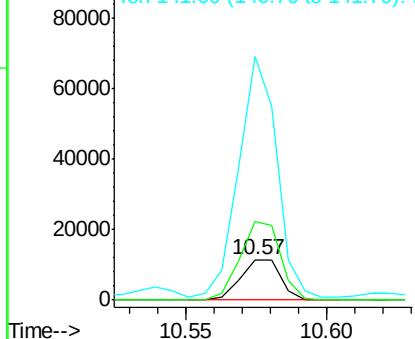


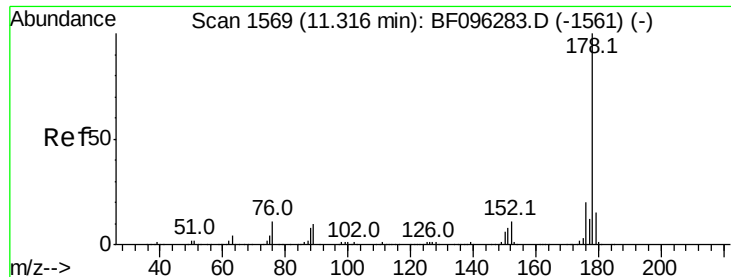
#66
4-Bromophenyl-phenylether
Concen: 3.49 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.26 min
Lab File: BF096354.D
Acq: 30 Jun 2017 23:35

Tgt Ion:248 Resp: 11330
Ion Ratio Lower Upper
248 100
250 194.2 76.8 115.2#
141 604.8 68.6 103.0#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

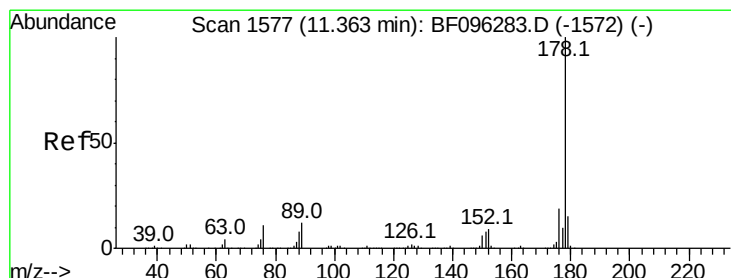
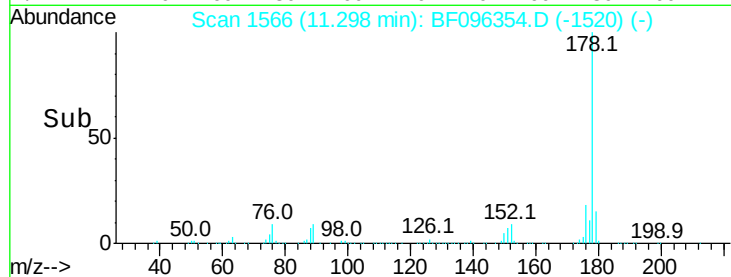
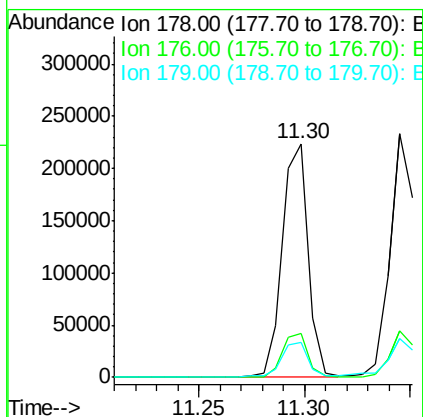
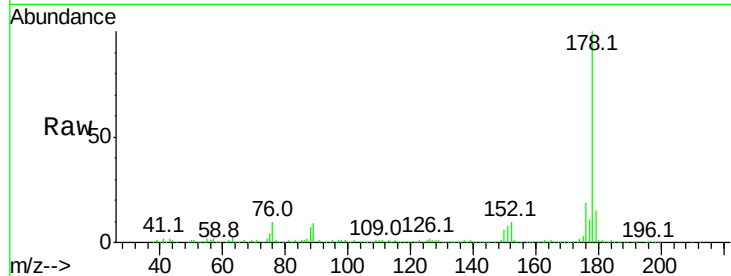




#70
Phenanthrene
Concen: 5.22 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.03 min
Lab File: BF096354.D
Acq: 30 Jun 2017 23:35

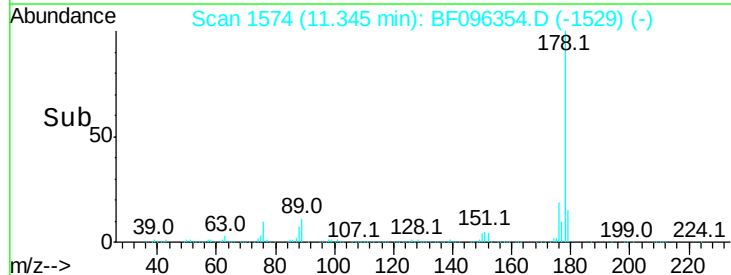
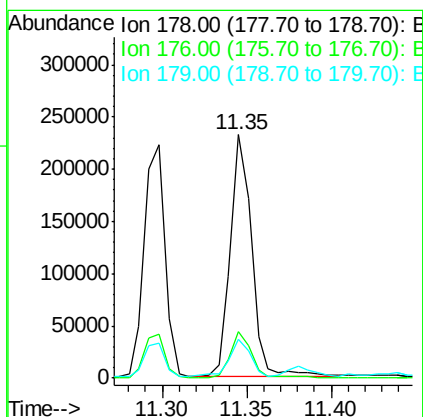
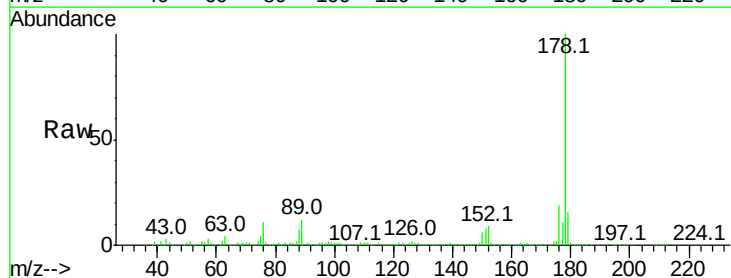
Instrument :
BNA_F
ClientSampleId :

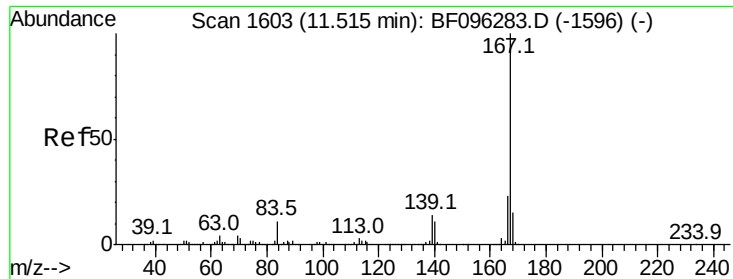
Tot Ion:178 Resp: 190038
Ion Ratio Lower Upper
178 100
176 18.7 16.2 24.4
179 15.2 12.6 19.0



#71
Anthracene
Concen: 11.67 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.04 min
Lab File: BF096354.D
Acq: 30 Jun 2017 23:35

Tgt Ion:178 Resp: 205870
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.8
179 15.9 12.7 19.1





#72

Carbazole

Concen: 2.58 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BF096354.D

Acq: 30 Jun 2017 23:35

Instrument :

BNA_F

ClientSampleId :

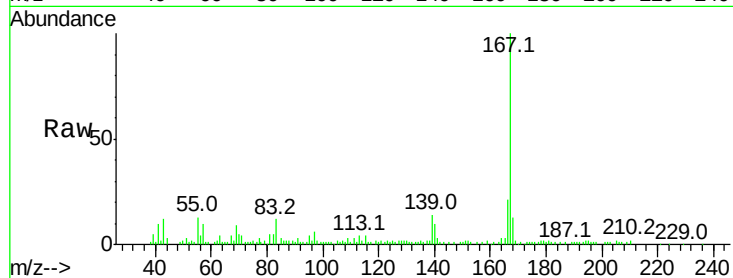
Tot Ion:167 Resp: 50263

Ion Ratio Lower Upper

167 100

166 20.6 18.1 27.1

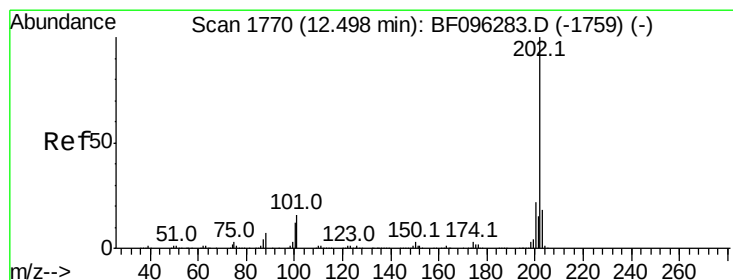
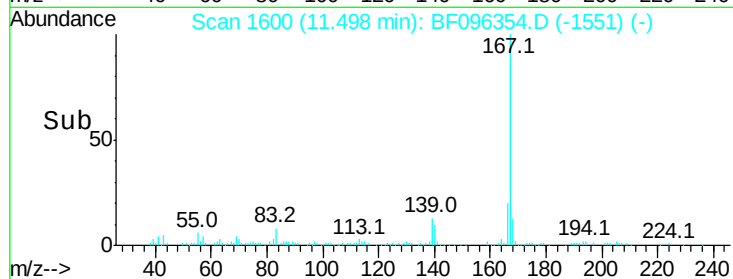
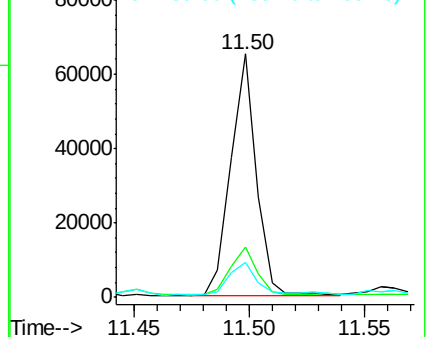
139 14.2 11.7 17.5



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



#74

Fluoranthene

Concen: 26.59 ng

RT: 12.49 min Scan# 1768

Delta R.T. -0.01 min

Lab File: BF096354.D

Acq: 30 Jun 2017 23:35

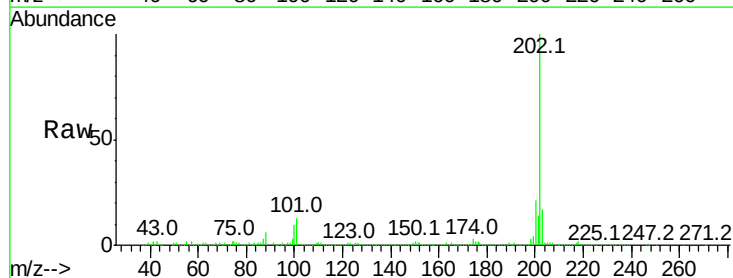
Tgt Ion:202 Resp: 466169

Ion Ratio Lower Upper

202 100

101 13.2 0.0 33.2

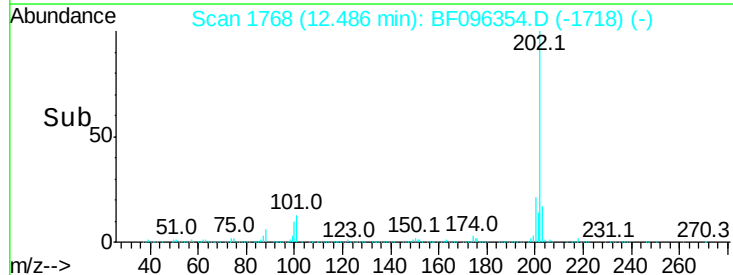
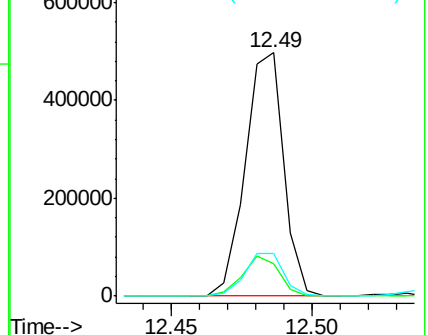
203 17.5 0.0 38.1

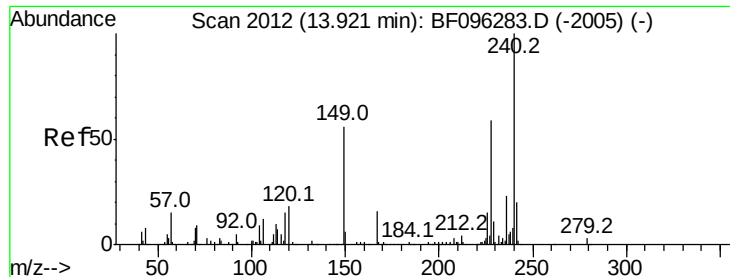


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF096354.D

Acq: 30 Jun 2017 23:35

Instrument :

BNA_F

ClientSampleId :

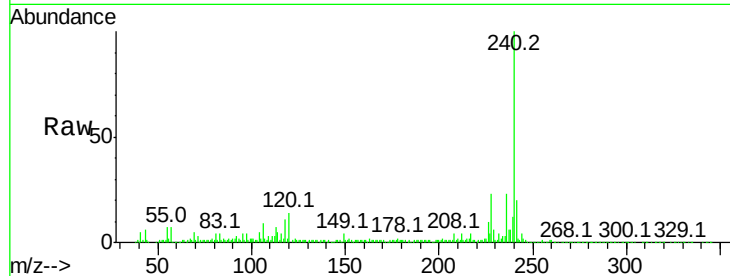
Tot Ion:240 Resp: 288913

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

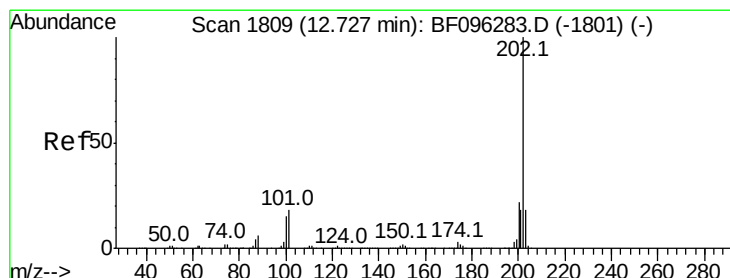
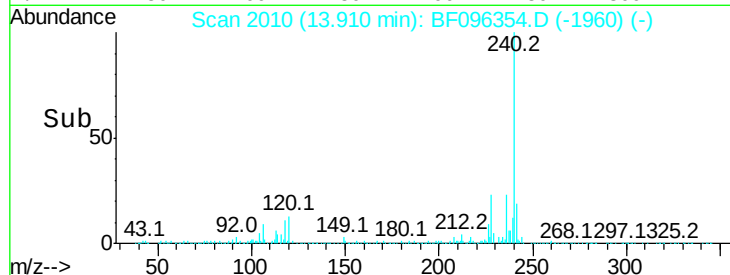
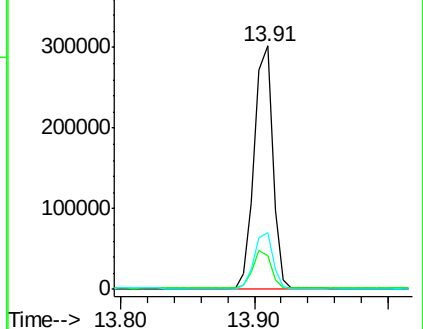
236 23.4 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 22.16 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF096354.D

Acq: 30 Jun 2017 23:35

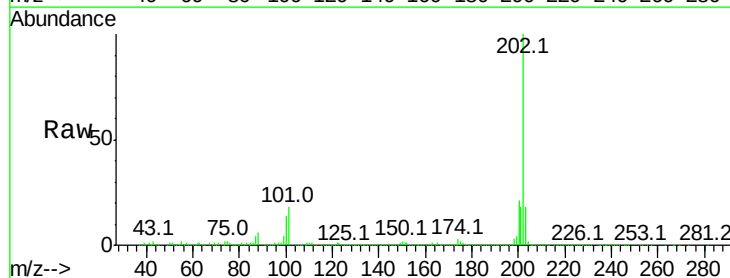
Tgt Ion:202 Resp: 526055

Ion Ratio Lower Upper

202 100

200 21.2 17.6 26.4

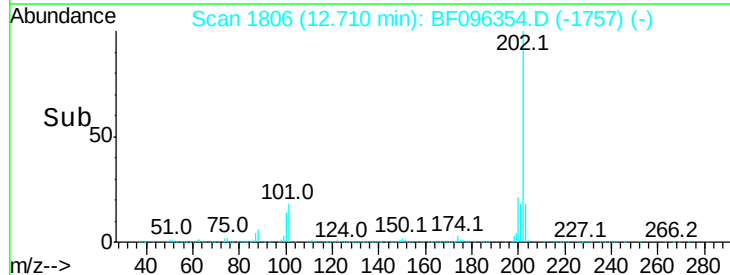
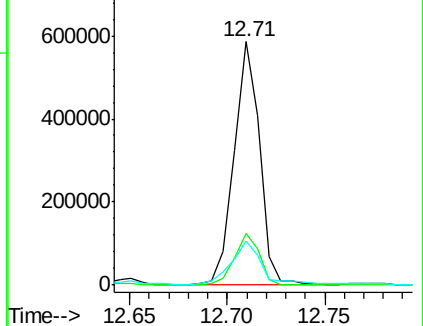
203 18.2 14.4 21.6

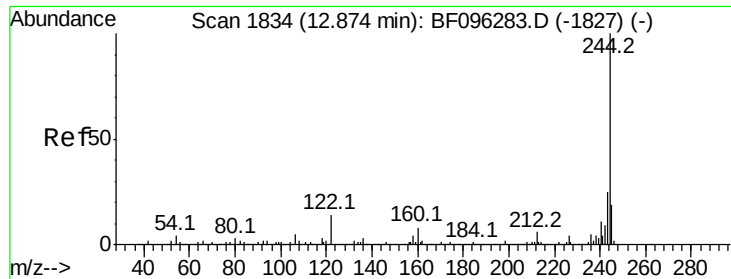


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

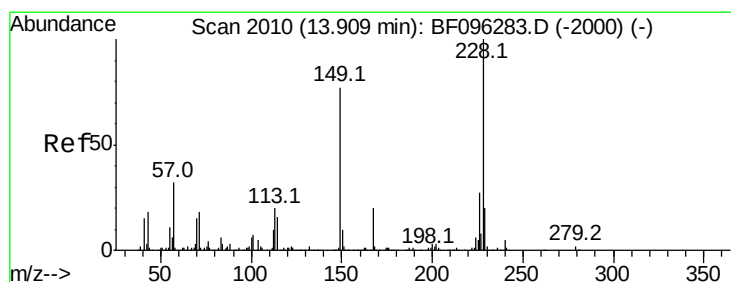
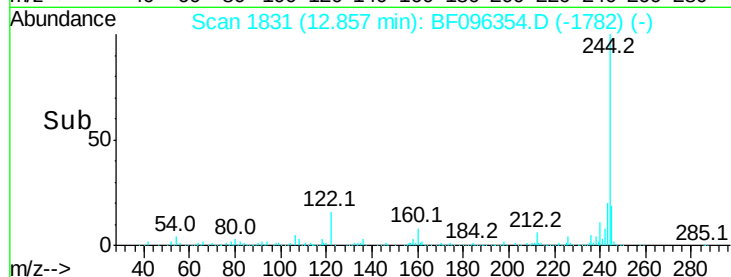
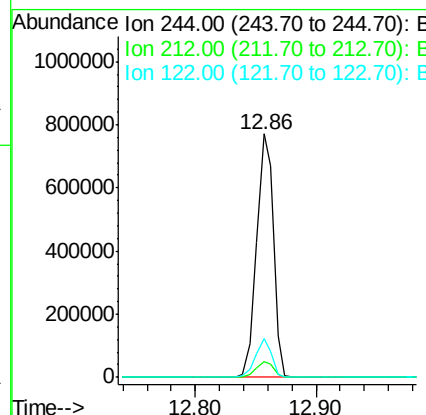
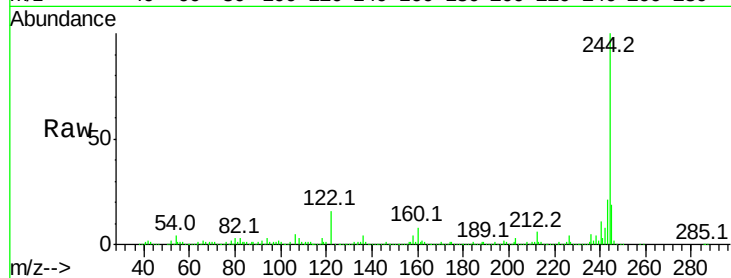




#78
 Terphenyl-d14
 Concen: 65.05 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BF096354.D
 Acq: 30 Jun 2017 23:35

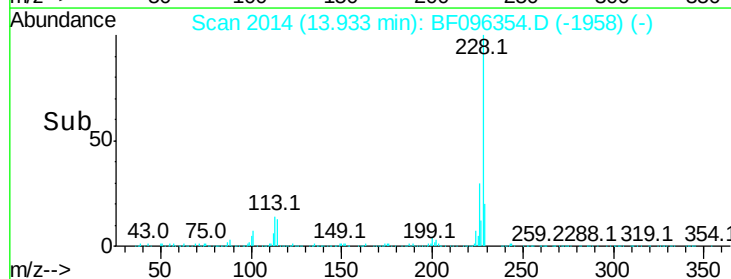
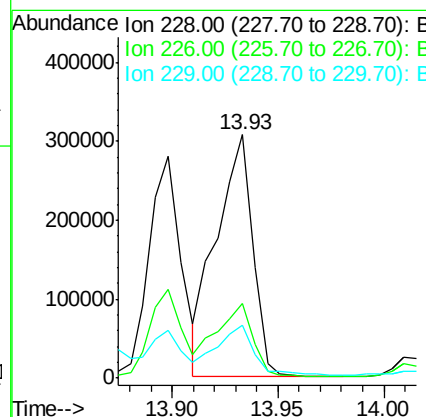
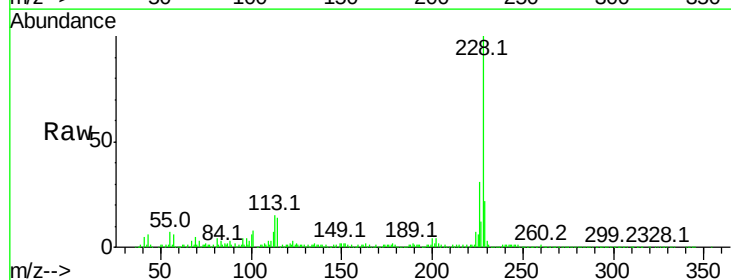
Instrument :
 BNA_F
 ClientSampled :

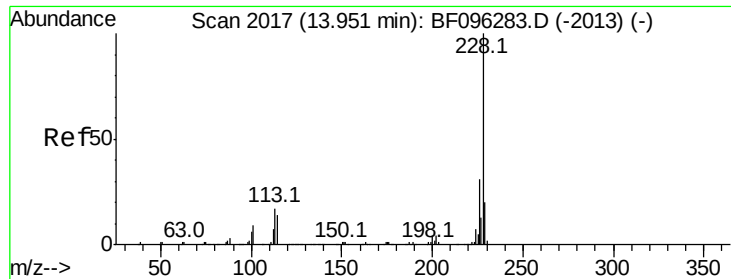
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	15.8	10.3	15.5#



#80
 Benzo(a)anthracene
 Concen: 20.74 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.03 min
 Lab File: BF096354.D
 Acq: 30 Jun 2017 23:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.6	33.8
229	21.5	16.3	24.5





#82

Chrysene

Concen: 20.06 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF096354.D

Acq: 30 Jun 2017 23:35

Instrument :

BNA_F

ClientSampleId :

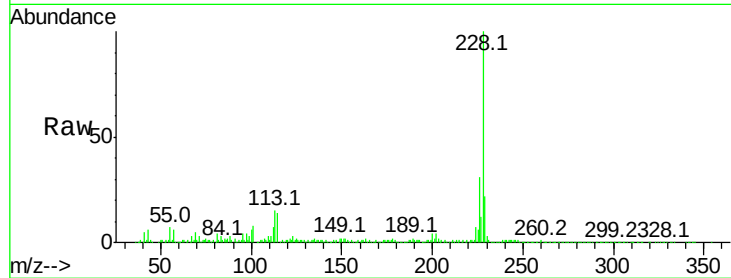
Tot Ion:228 Resp: 365346

Ion Ratio Lower Upper

228 100

226 30.6 24.9 37.3

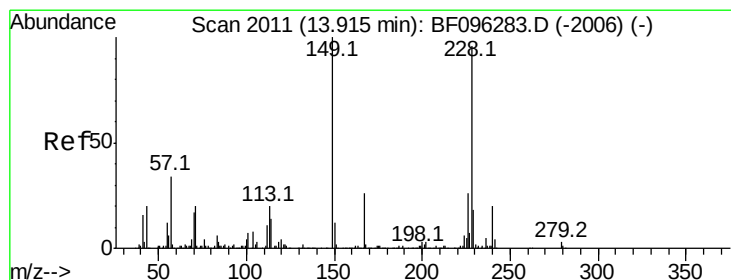
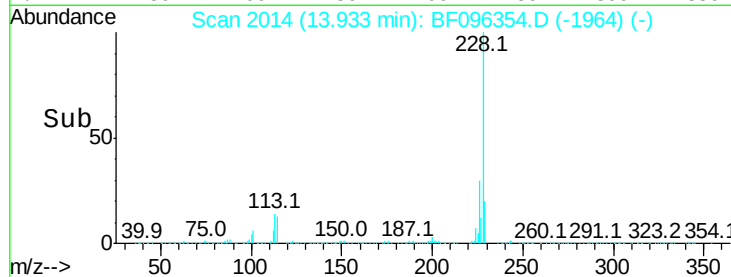
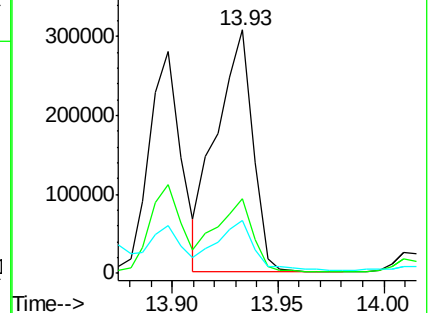
229 21.5 15.8 23.6



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.95 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF096354.D

Acq: 30 Jun 2017 23:35

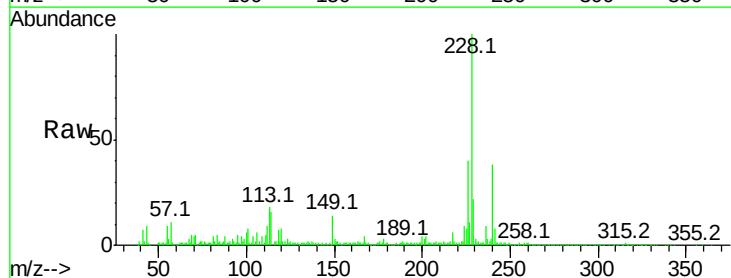
Tgt Ion:149 Resp: 34859

Ion Ratio Lower Upper

149 100

167 26.8 21.0 31.4

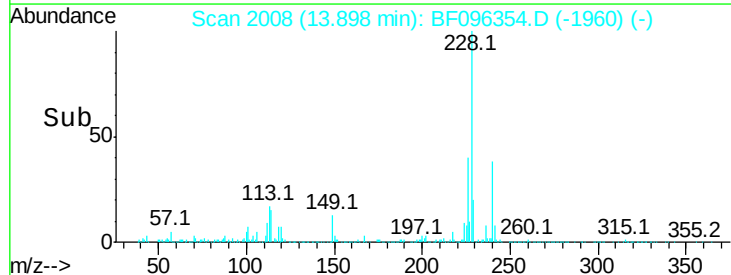
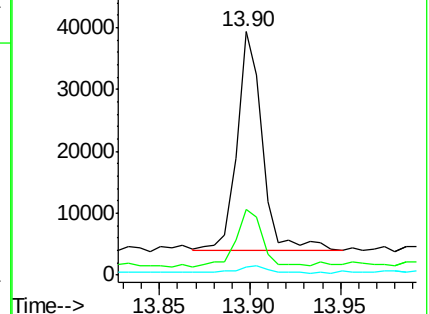
279 3.2 1.9 2.9#

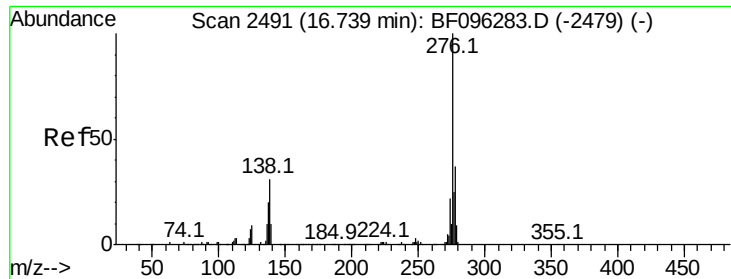


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

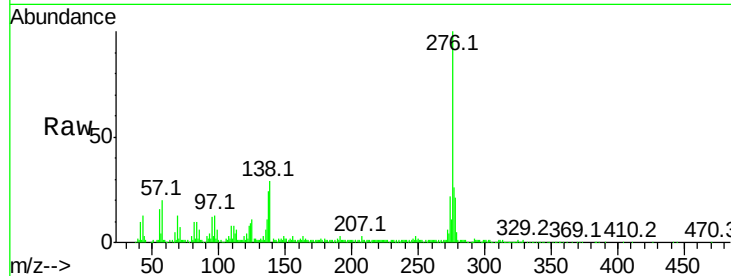




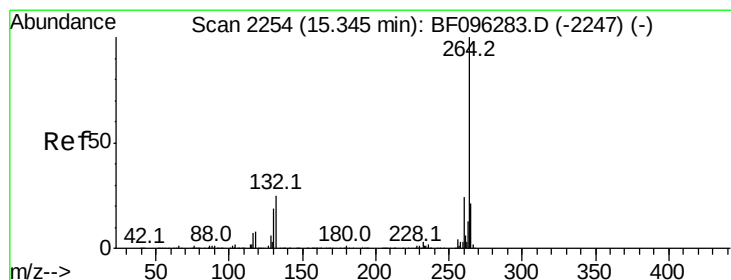
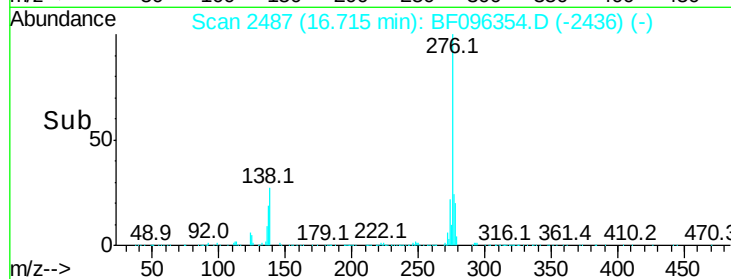
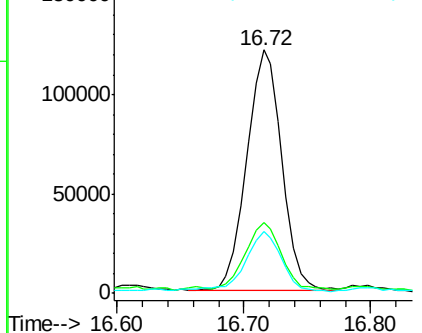
#85
Indeno(1,2,3-cd)pyrene
Concen: 15.33 ng
RT: 16.72 min Scan# 2487
Delta R.T. -0.00 min
Lab File: BF096354.D
Acq: 30 Jun 2017 23:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 231822
Ion Ratio Lower Upper
276 100
138 28.4 27.8 41.6
277 25.8 20.2 30.4

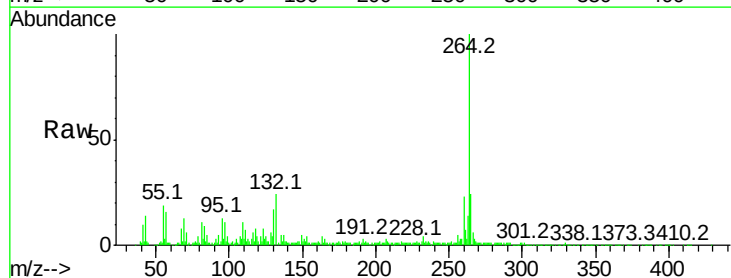


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

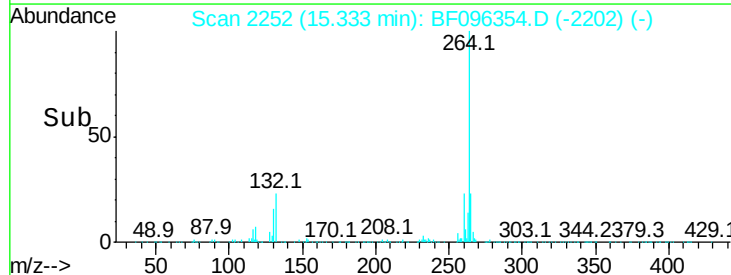
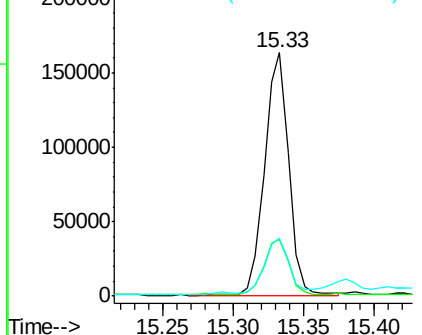


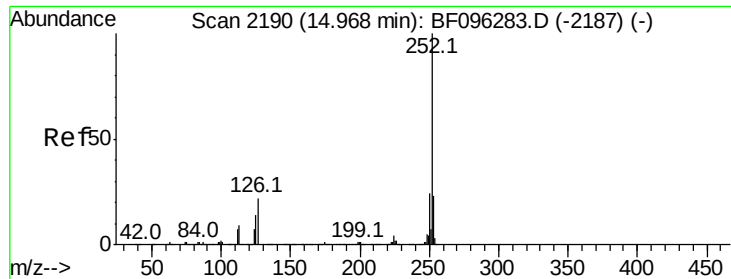
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.01 min
Lab File: BF096354.D
Acq: 30 Jun 2017 23:35

Tgt Ion:264 Resp: 196937
Ion Ratio Lower Upper
264 100
260 23.3 19.5 29.3
265 23.8 17.2 25.8



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

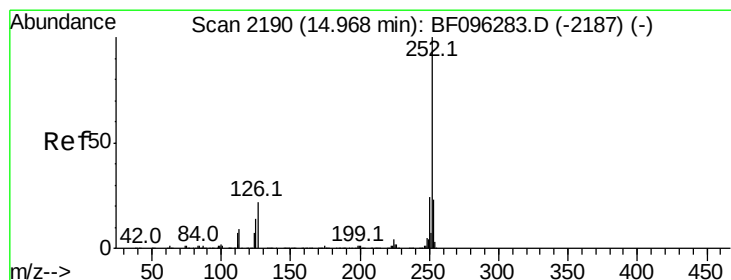
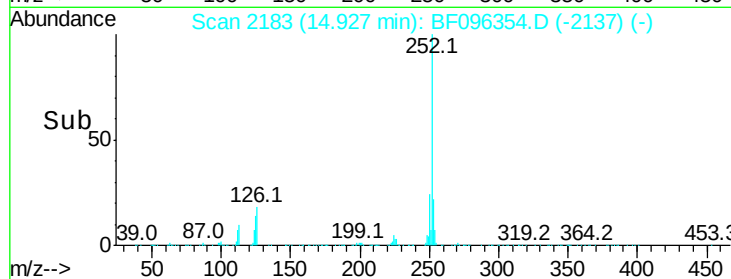
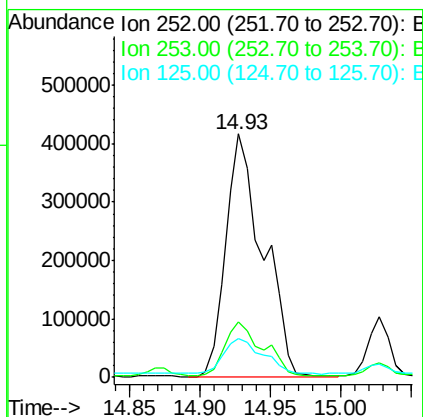
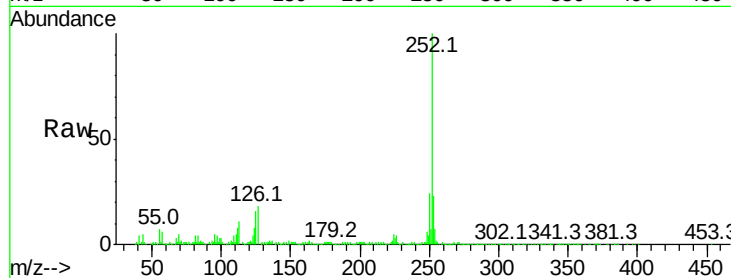




#87
Benzo(b)fluoranthene
Concen: 59.01 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.03 min
Lab File: BF096354.D
Acq: 30 Jun 2017 23:35

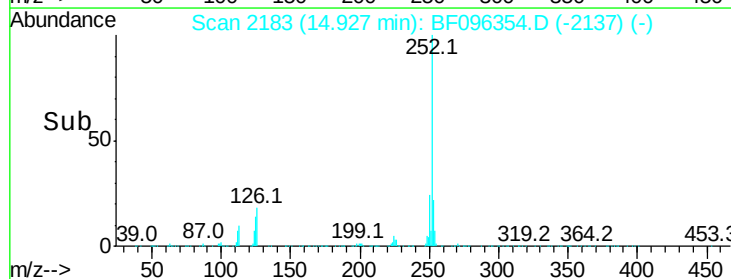
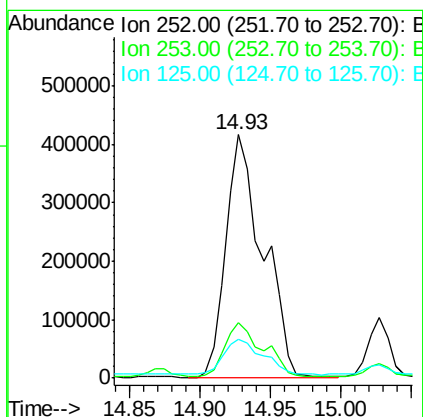
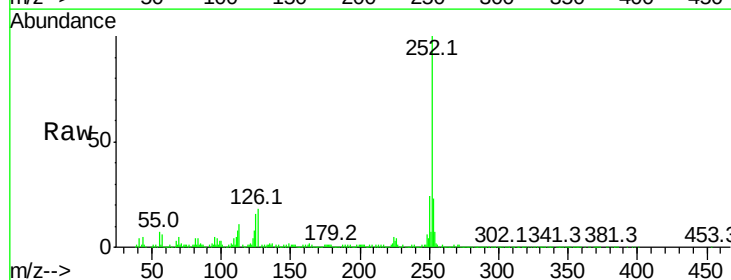
Instrument :
BNA_F
ClientSampleId :

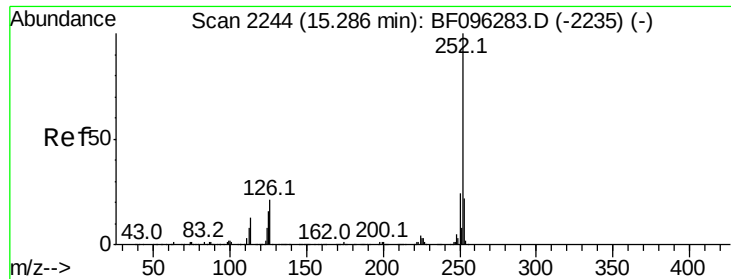
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	16.1	9.8	14.8#



#88
Benzo(k)fluoranthene
Concen: 64.64 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.03 min
Lab File: BF096354.D
Acq: 30 Jun 2017 23:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	16.1	13.1	19.7

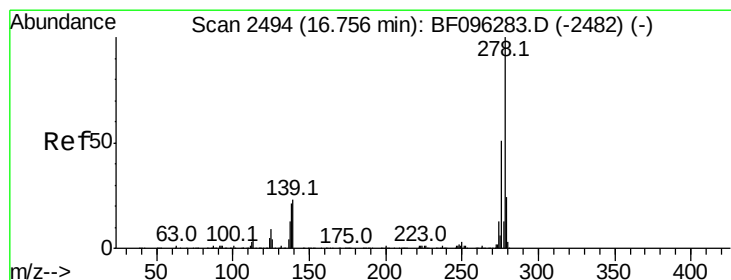
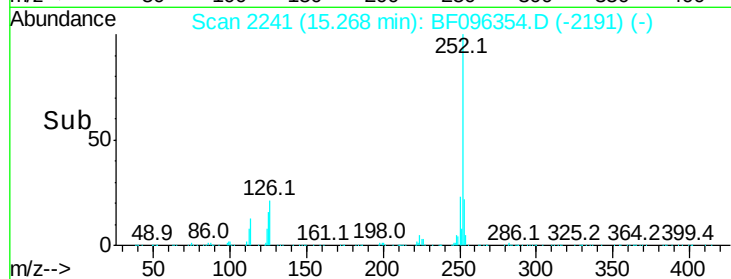
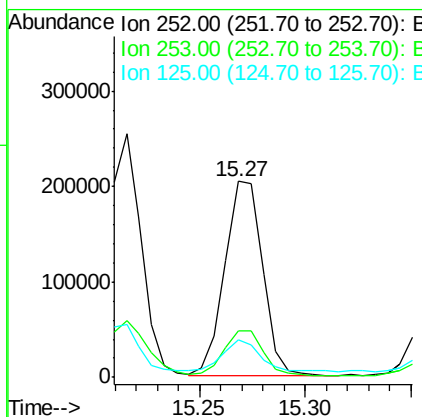
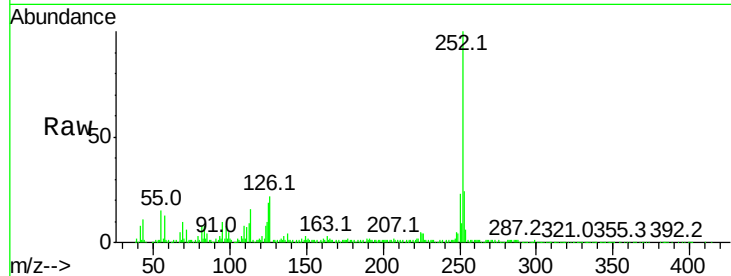




#89
Benzo(a)pyrene
Concen: 22.10 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF096354.D
Acq: 30 Jun 2017 23:35

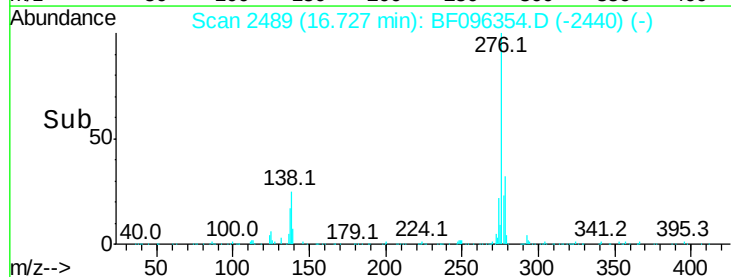
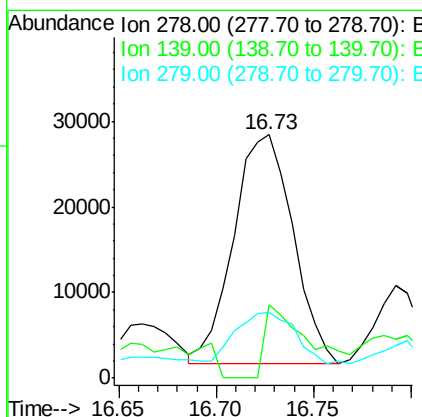
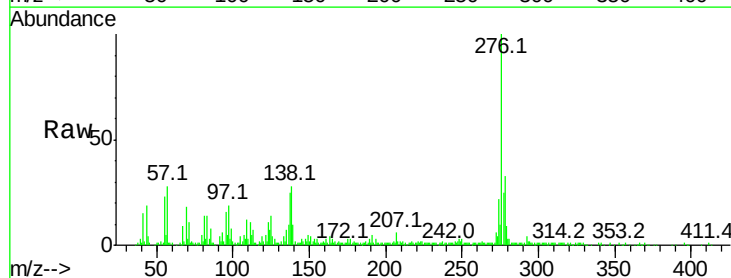
Instrument :
BNA_F
ClientSampleId :

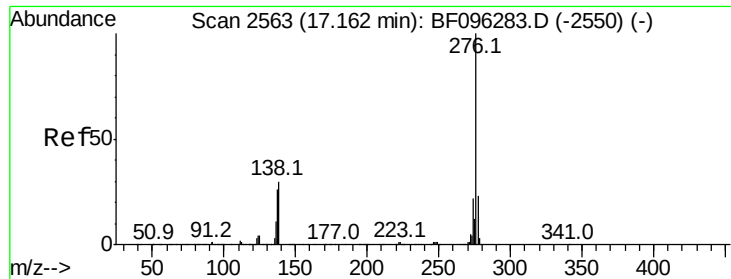
Tot Ion:252 Resp: 252567
Ion Ratio Lower Upper
252 100
253 23.6 17.5 26.3
125 19.0 11.0 16.4#



#90
Dibenzo(a,h)anthracene
Concen: 6.31 ng
RT: 16.73 min Scan# 2489
Delta R.T. -0.01 min
Lab File: BF096354.D
Acq: 30 Jun 2017 23:35

Tgt Ion:278 Resp: 56481
Ion Ratio Lower Upper
278 100
139 30.4 16.6 24.8#
279 27.0 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 23.81 ng

RT: 17.14 min Scan# 2559

Delta R.T. 0.01 min

Lab File: BF096354.D

Acq: 30 Jun 2017 23:35

Instrument :

BNA_F

ClientSampleId :

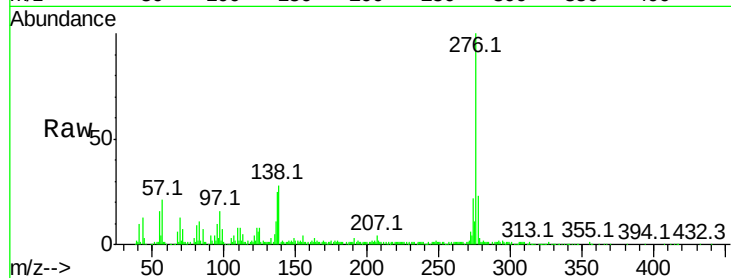
Tot Ion:276 Resp: 221397

Ion Ratio Lower Upper

276 100

277 22.6 18.6 28.0

138 27.7 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

