

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
 Data File : BF096113.D
 Acq On : 22 Jun 2017 8:33
 Operator : SJ/MA
 Sample : I3688-18DL 10X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 10:47:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	71395	20.00	ng	0.00
21) Naphthalene-d8	9.33	136	279332	20.00	ng	0.00
38) Acenaphthene-d10	12.14	164	110052	20.00	ng	0.00
63) Phenanthrene-d10	14.54	188	168116	20.00	ng	0.00
75) Chrysene-d12	18.27	240	137840	20.00	ng	0.00
86) Perylene-d12	19.94	264	96605	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.19	112	244946	54.67	ng	0.01
7) Phenol-d6	6.88	99	318422	59.36	ng	0.00
23) Nitrobenzene-d5	8.22	82	175229	38.96	ng	0.00
41) 2,4,6-Tribromophenol	13.45	330	41020	42.13	ng	0.00
44) 2-Fluorobiphenyl	11.10	172	318653	40.29	ng	-0.01
78) Terphenyl-d14	16.92	244	212710	38.30	ng	0.00

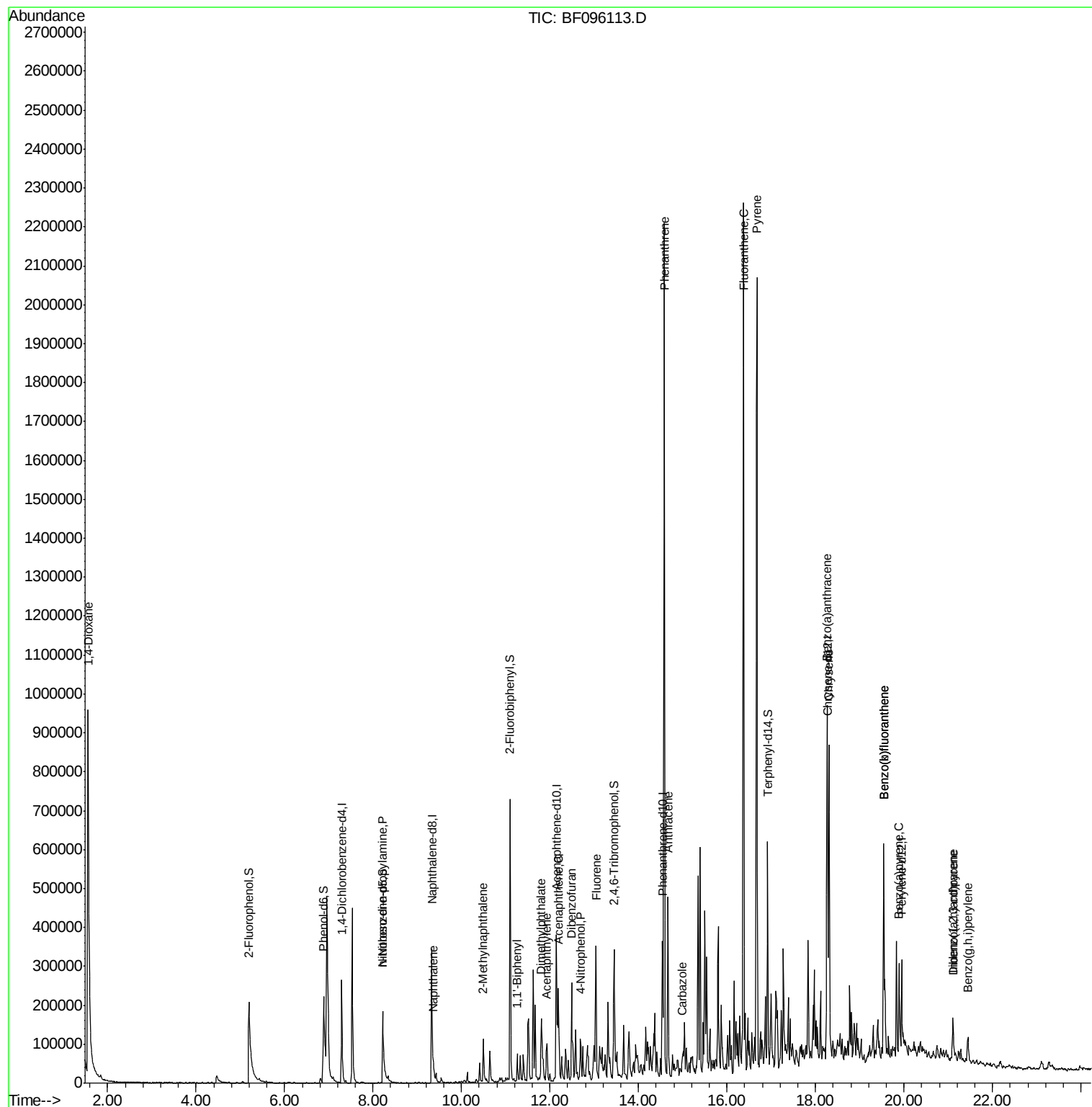
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.56	88	53153	24.94	ng	# 21
19) n-Nitroso-di-n-propylamine	8.22	70	19653	5.78	ng	# 70
31) Naphthalene	9.36	128	46669	3.33	ng	98
37) 2-Methylnaphthalene	10.49	142	52332	5.52	ng	95
45) 1,1'-Biphenyl	11.26	154	31722	3.50	ng	97
48) Acenaphthylene	11.92	152	44950	3.71	ng	# 94
49) Dimethylphthalate	11.80	163	42693	5.11	ng	99
51) Acenaphthene	12.19	154	57557	8.22	ng	97
54) Dibenzofuran	12.49	168	133422	13.54	ng	95
55) 4-Nitrophenol	12.69	139	1754	5.96	ng	93
57) Fluorene	13.04	166	107749	12.57	ng	99
70) Phenanthrene	14.59	178	1396060	143.92	ng	99
71) Anthracene	14.66	178	270557	26.72	ng	97
72) Carbazole	14.98	167	20741	2.10	ng	95
74) Fluoranthene	16.37	202	1295922	134.98	ng	98
77) Pyrene	16.68	202	1009361	98.14	ng	99
80) Benzo(a)anthracene	18.26	228	364144	45.44	ng	100
82) Chrysene	18.30	228	382806	47.80	ng	99
85) Indeno(1,2,3-cd)pyrene	21.11	276	59798	8.73	ng	# 89
87) Benzo(b)fluoranthene	19.54	252	355345	58.74	ng	# 95
88) Benzo(k)fluoranthene	19.54	252	355345	61.46	ng	98
89) Benzo(a)pyrene	19.89	252	102785	18.49	ng	98
90) Dibenzo(a,h)anthracene	21.10	278	24988	5.30	ng	98
91) Benzo(g,h,i)perylene	21.44	276	50931	10.59	ng	97

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

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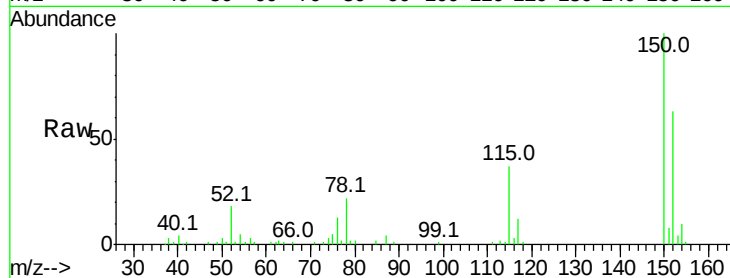


#1

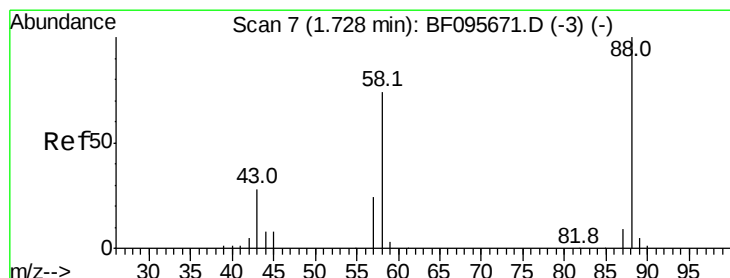
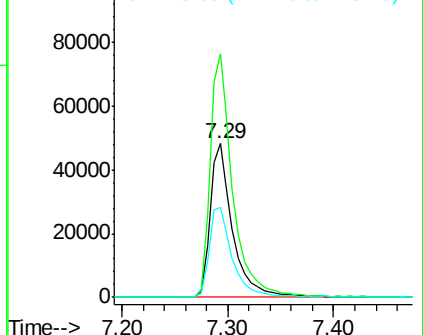
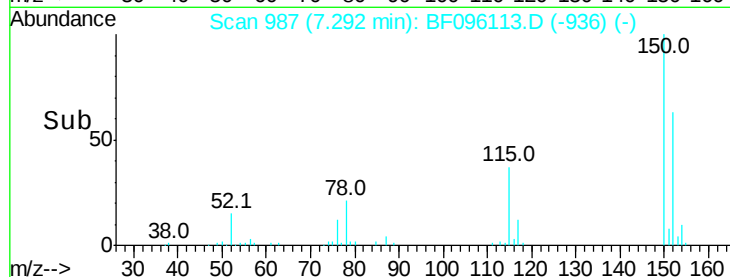
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF096113.D
Acq: 22 Jun 2017 8:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.2	189.2
115	58.8	52.2	78.2



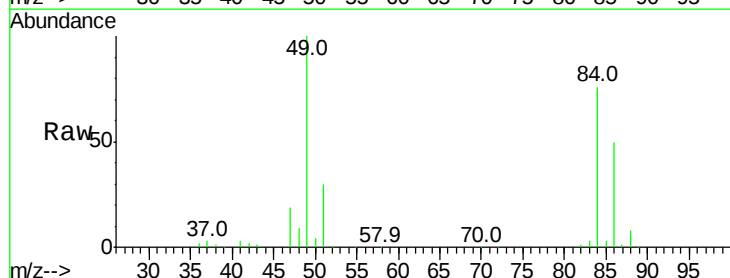
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



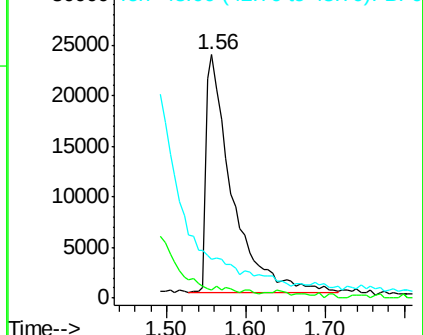
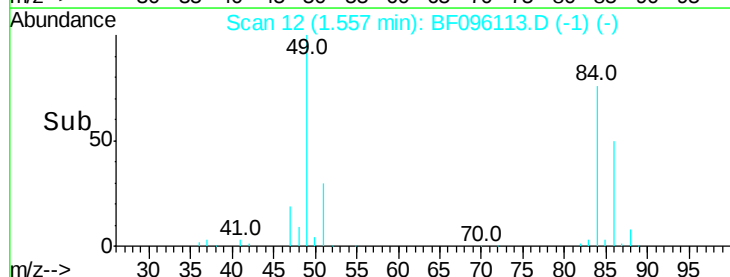
#2

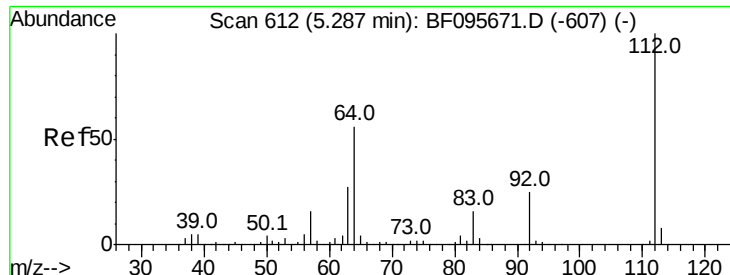
1,4-Dioxane
Concen: 24.94 ng
RT: 1.56 min Scan# 12
Delta R.T. -0.05 min
Lab File: BF096113.D
Acq: 22 Jun 2017 8:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	61.4	92.0#
43	0.0	23.4	35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 54.67 ng

RT: 5.19 min Scan# 630

Delta R.T. 0.01 min

Lab File: BF096113.D

Acq: 22 Jun 2017 8:33

Instrument :

BNA_F

ClientSampled :

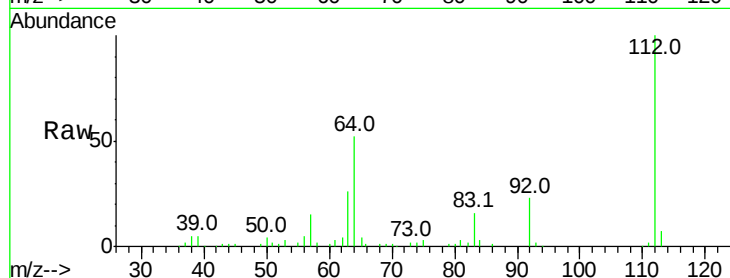
Tot Ion:112 Resp: 244946

Ion Ratio Lower Upper

112 100

64 52.4 46.0 69.0

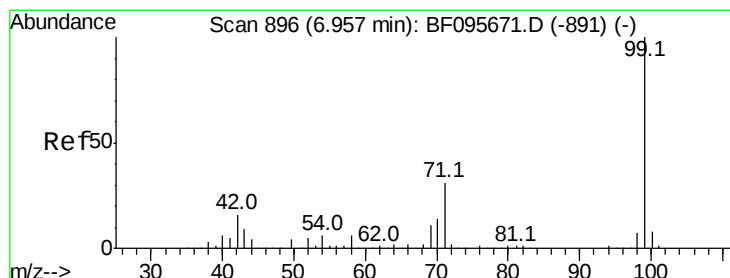
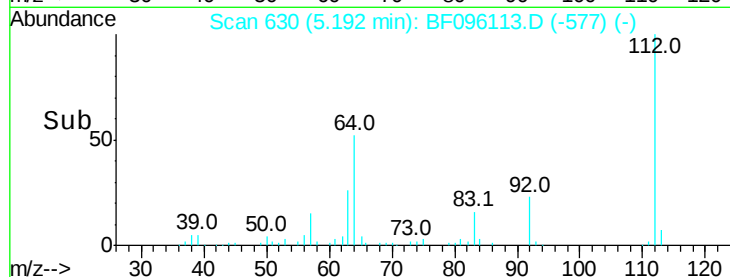
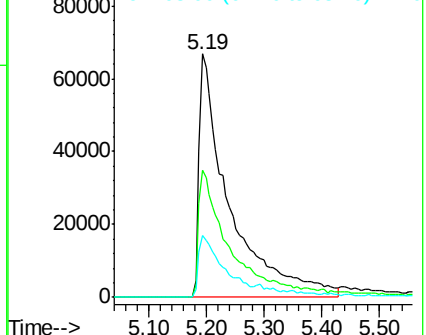
63 25.5 23.4 35.0



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: 59.36 ng

RT: 6.88 min Scan# 917

Delta R.T. 0.01 min

Lab File: BF096113.D

Acq: 22 Jun 2017 8:33

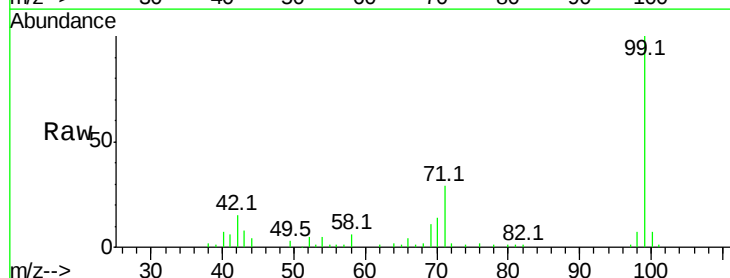
Tgt Ion: 99 Resp: 318422

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

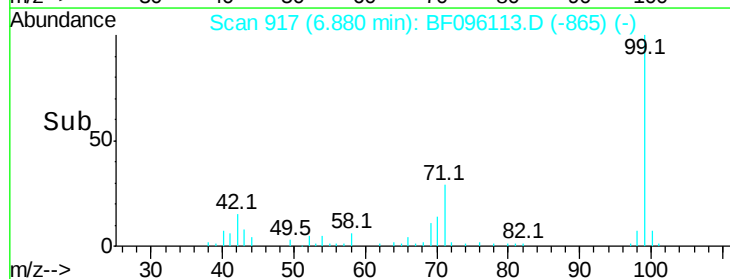
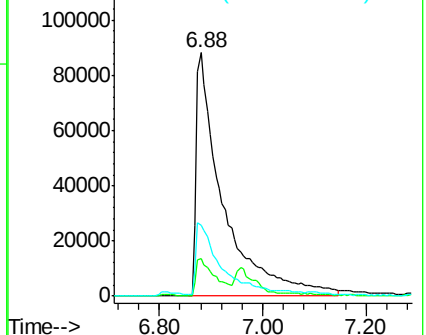
71 29.2 24.5 36.7

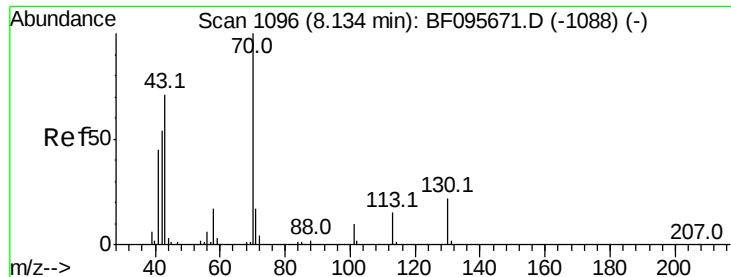


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

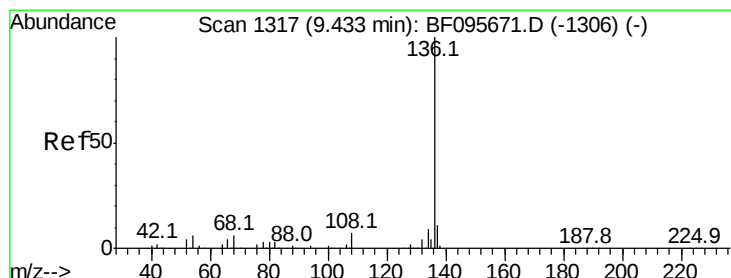
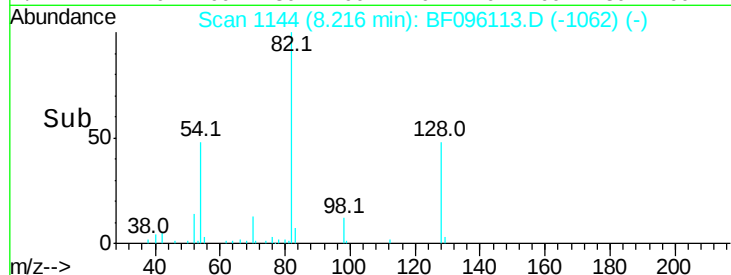
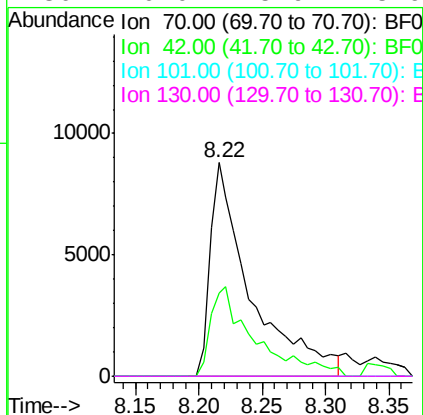
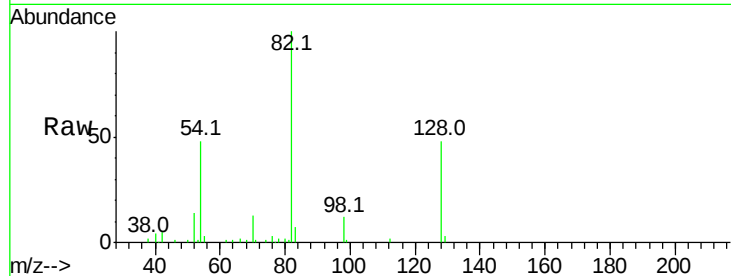




#19
n-Nitroso-di-n-propylamine
Concen: 5.78 ng
RT: 8.22 min Scan# 1144
Delta R.T. 0.18 min
Lab File: BF096113.D
Acq: 22 Jun 2017 8:33

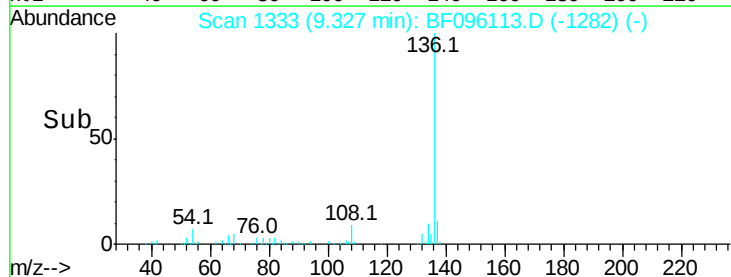
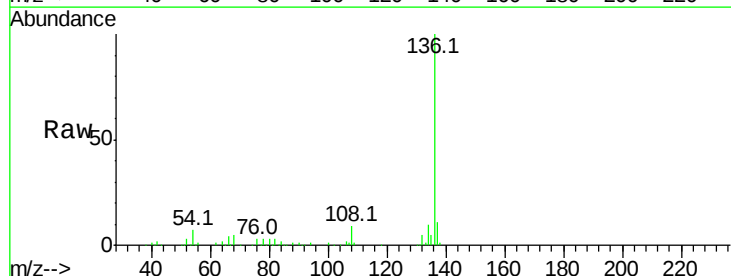
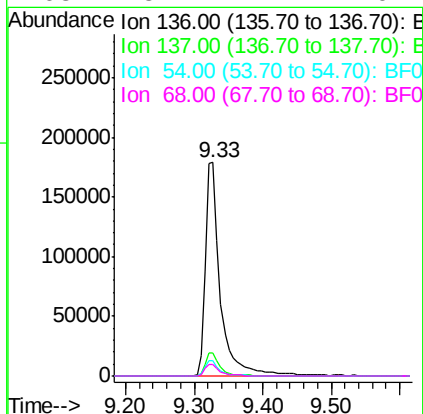
Instrument :
BNA_F
ClientSampleId :

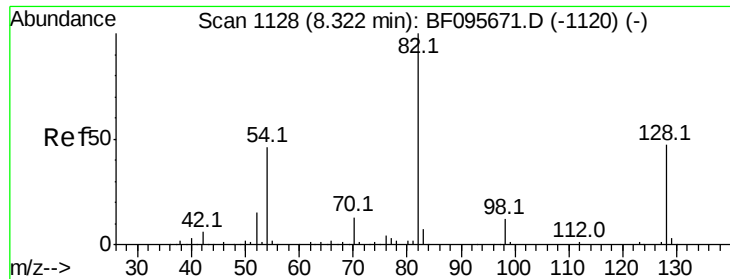
Tot Ion: 70 Resp: 19653
Ion Ratio Lower Upper
70 100
42 39.0 47.2 70.8#
101 0.0 7.2 10.8#
130 0.0 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.33 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF096113.D
Acq: 22 Jun 2017 8:33

Tgt Ion:136 Resp: 279332
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 7.5 4.9 7.3#
68 5.2 4.1 6.1

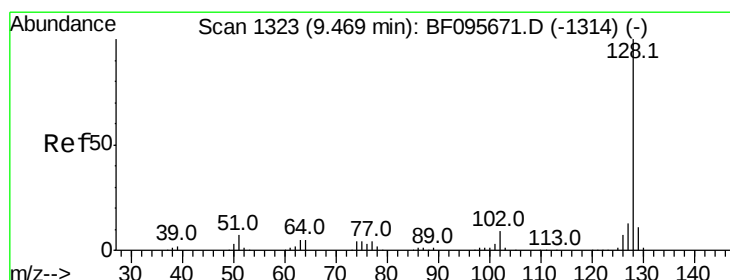
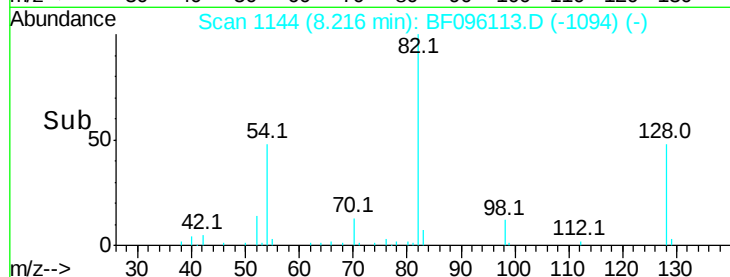
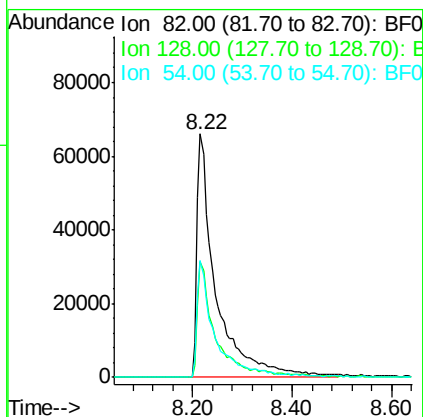
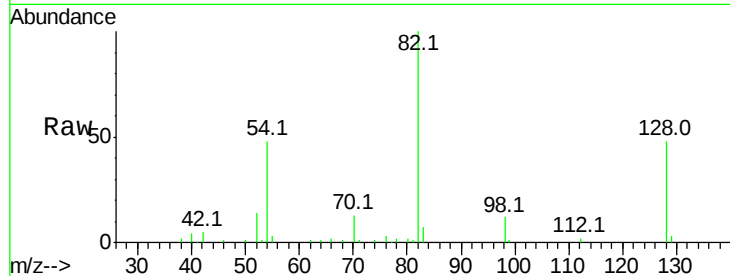




#23
Nitrobenzene-d5
Concen: 38.96 ng
RT: 8.22 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF096113.D
Acq: 22 Jun 2017 8:33

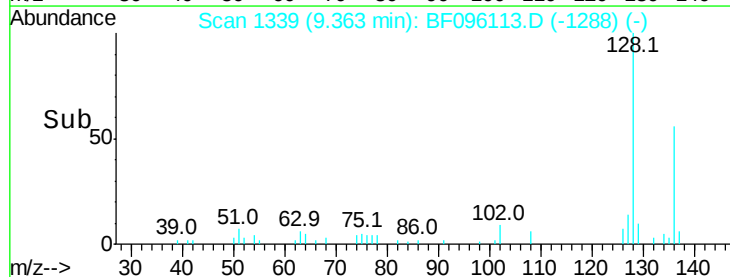
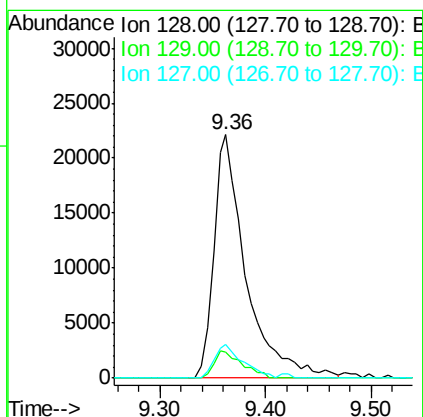
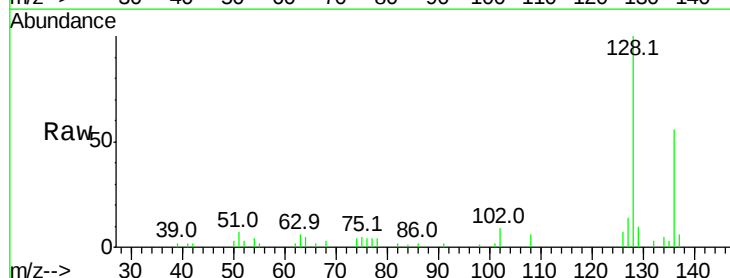
Instrument :
BNA_F
ClientSampleId :

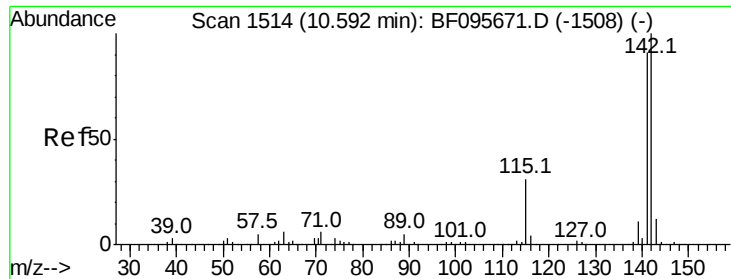
Tot Ion: 82 Resp: 175229
Ion Ratio Lower Upper
82 100
128 47.5 34.0 51.0
54 48.2 42.2 63.2



#31
Naphthalene
Concen: 3.33 ng
RT: 9.36 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF096113.D
Acq: 22 Jun 2017 8:33

Tgt Ion:128 Resp: 46669
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.6
127 14.0 10.8 16.2

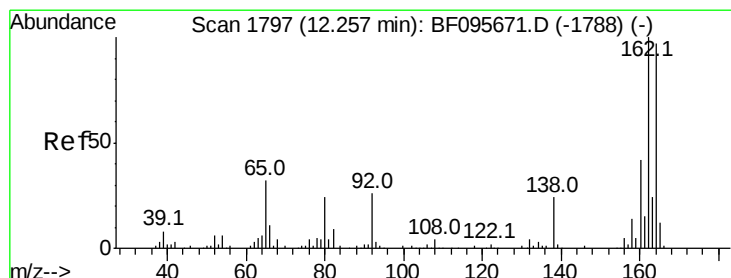
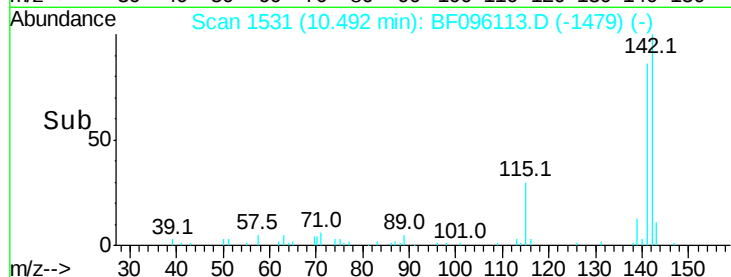
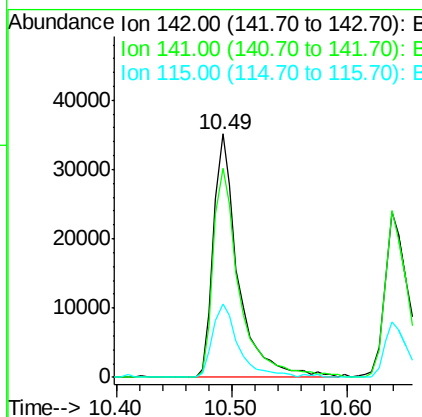
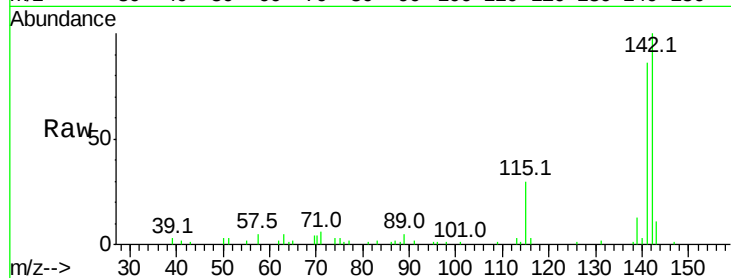




#37
2-Methylnaphthalene
Concen: 5.52 ng
RT: 10.49 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BF096113.D
Acq: 22 Jun 2017 8:33

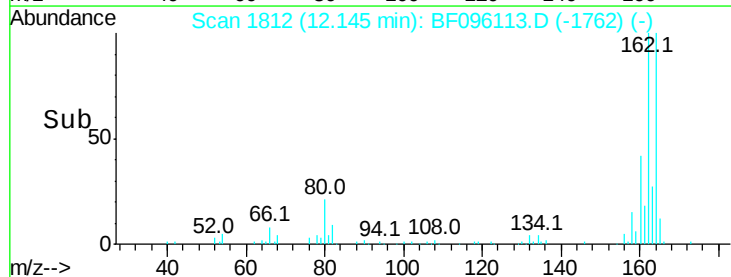
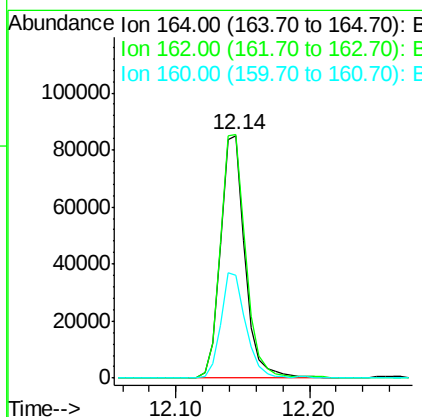
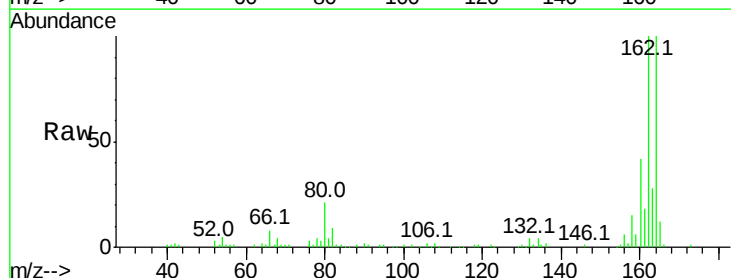
Instrument :
BNA_F
ClientSampled :

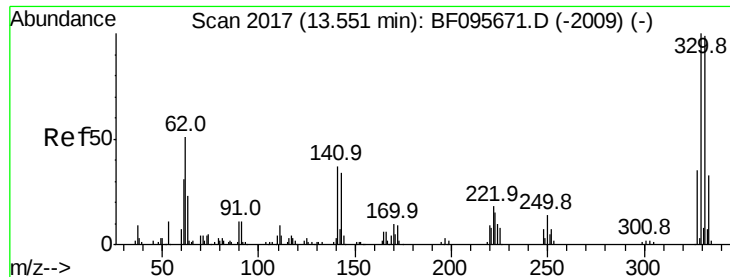
Tot Ion:142 Resp: 52332
Ion Ratio Lower Upper
142 100
141 85.6 71.3 106.9
115 30.0 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.14 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF096113.D
Acq: 22 Jun 2017 8:33

Tgt Ion:164 Resp: 110052
Ion Ratio Lower Upper
164 100
162 100.5 82.6 123.8
160 42.2 36.2 54.2

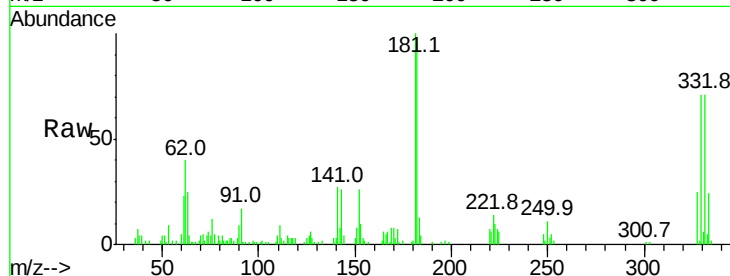




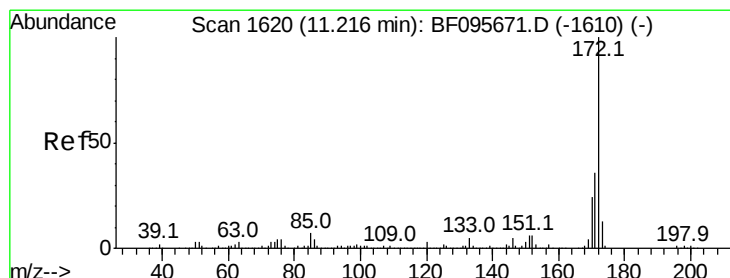
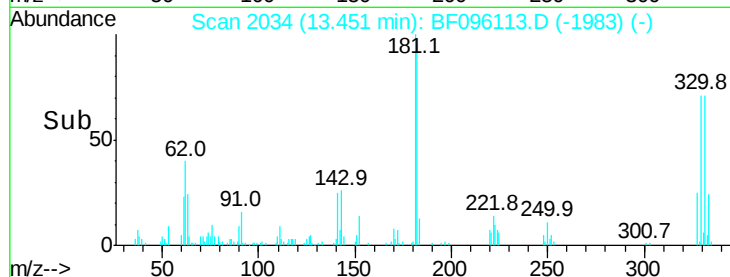
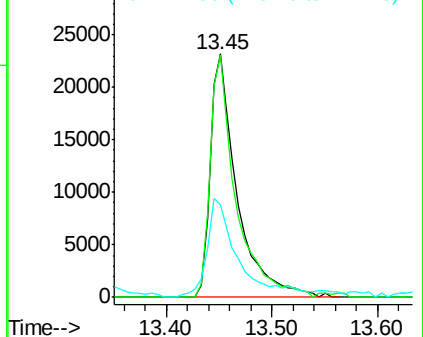
#41
 2,4,6-Tribromophenol
 Concen: 42.13 ng
 RT: 13.45 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: BF096113.D
 Acq: 22 Jun 2017 8:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 41020
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 47.2 31.4 47.2#

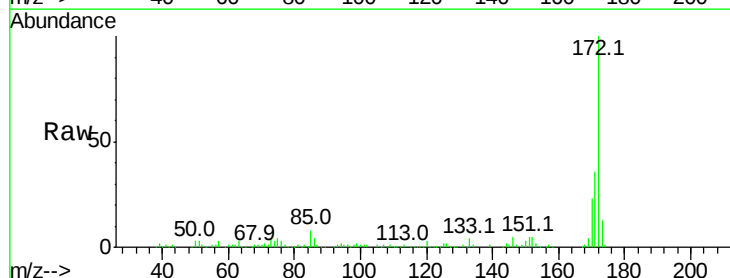


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

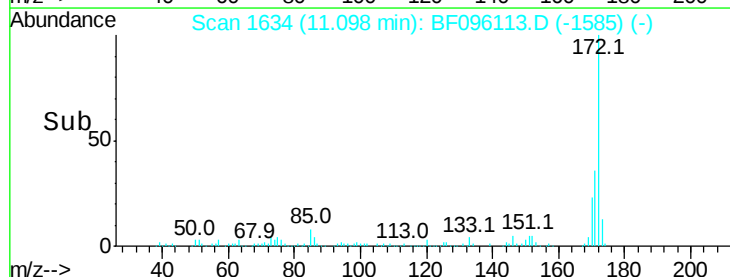
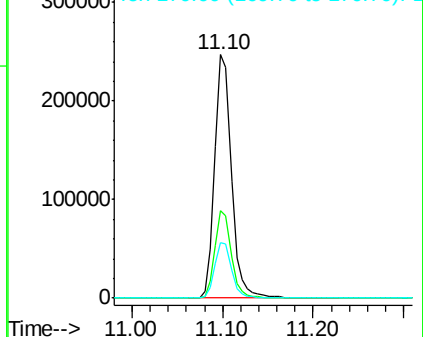


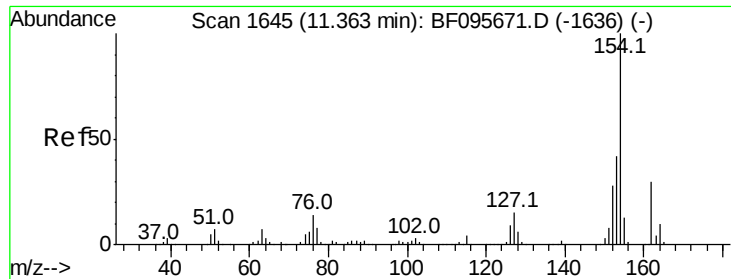
#44
 2-Fluorobiphenyl
 Concen: 40.29 ng
 RT: 11.10 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF096113.D
 Acq: 22 Jun 2017 8:33

Tgt Ion:172 Resp: 318653
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 22.6 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

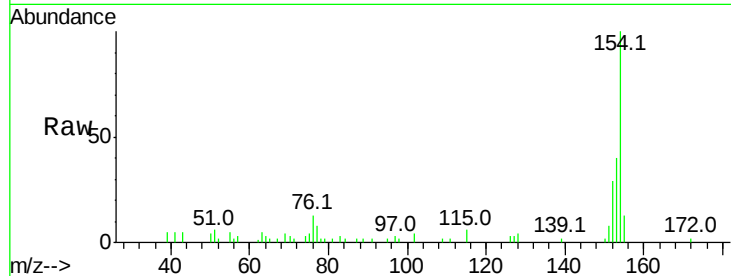




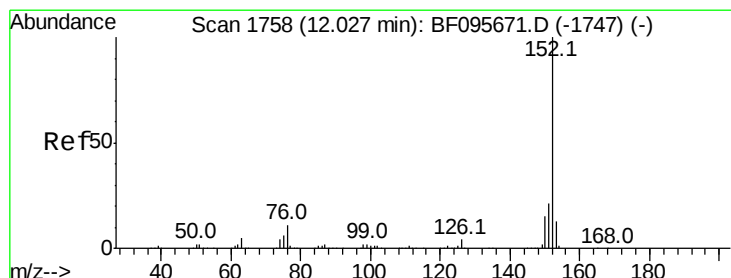
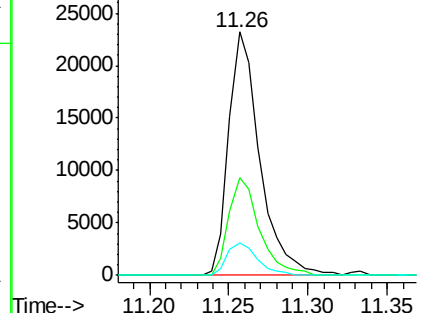
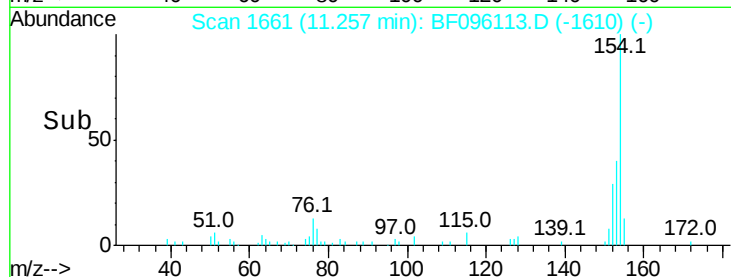
#45
 1,1'-Biphenyl
 Concen: 3.50 ng
 RT: 11.26 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: BF096113.D
 Acq: 22 Jun 2017 8:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.2	61.2
76	13.3	0.0	29.9

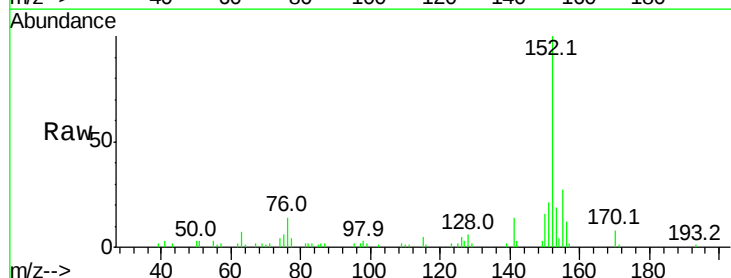


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

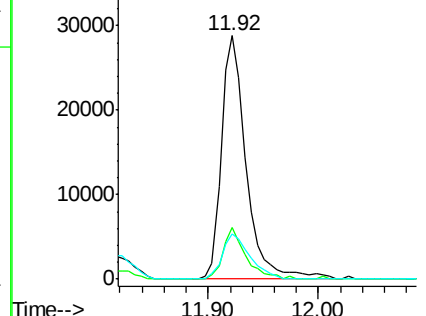
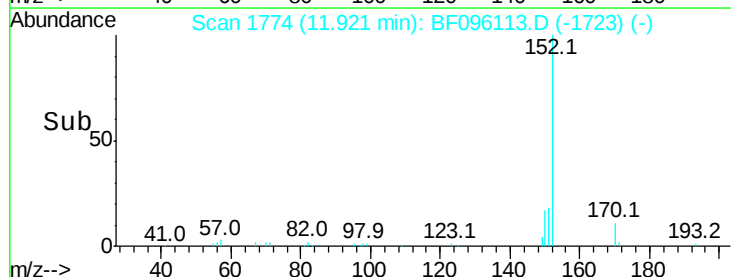


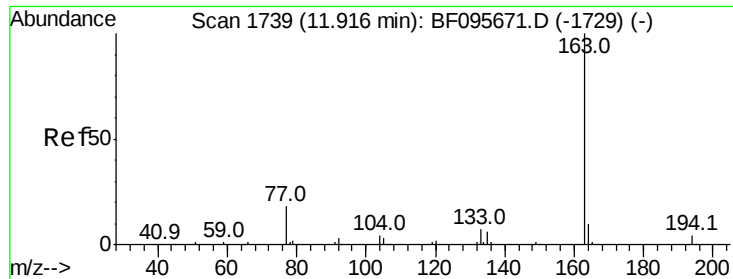
#48
 Acenaphthylene
 Concen: 3.71 ng
 RT: 11.92 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: BF096113.D
 Acq: 22 Jun 2017 8:33

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.8	25.2
153	18.8	10.8	16.2#



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: 5.11 ng

RT: 11.80 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BF096113.D

Acq: 22 Jun 2017 8:33

Instrument :

BNA_F

ClientSampleId :

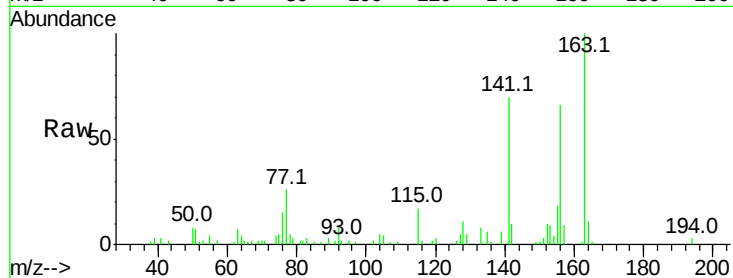
Tot Ion:163 Resp: 42693

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

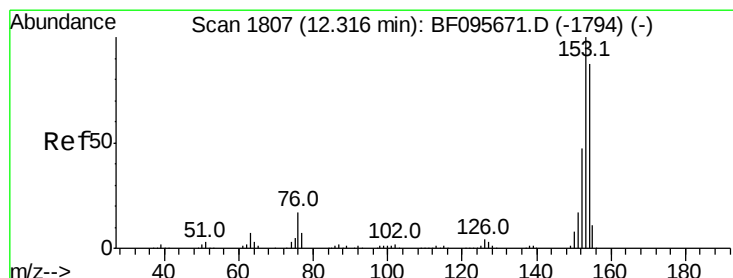
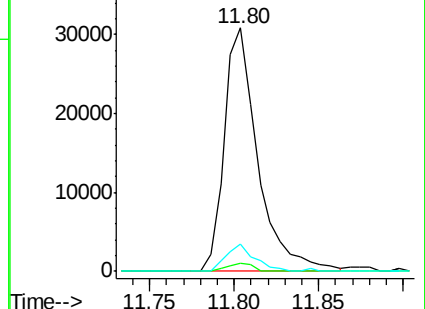
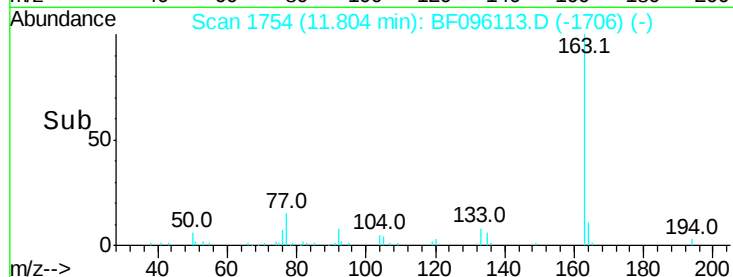
164 11.2 8.4 12.6



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: 8.22 ng

RT: 12.19 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF096113.D

Acq: 22 Jun 2017 8:33

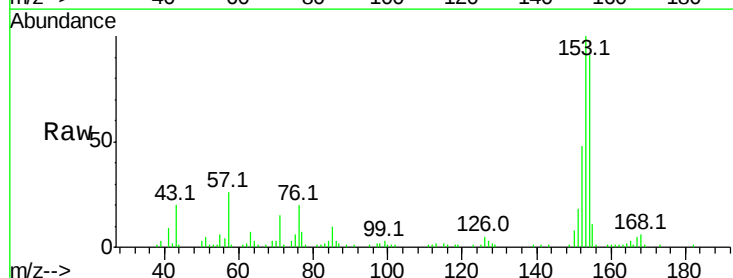
Tgt Ion:154 Resp: 57557

Ion Ratio Lower Upper

154 100

153 110.0 90.5 135.7

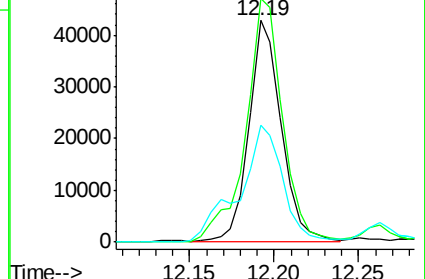
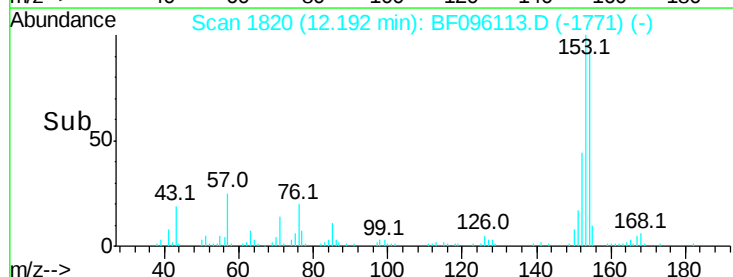
152 52.6 43.6 65.4

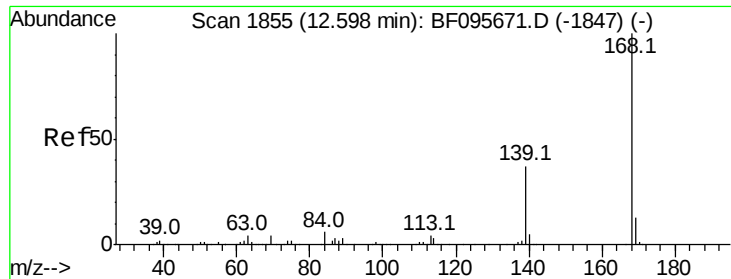


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

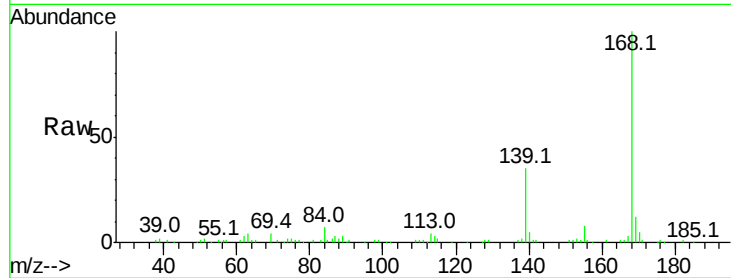




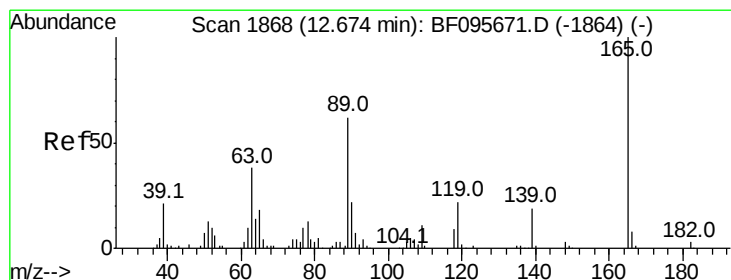
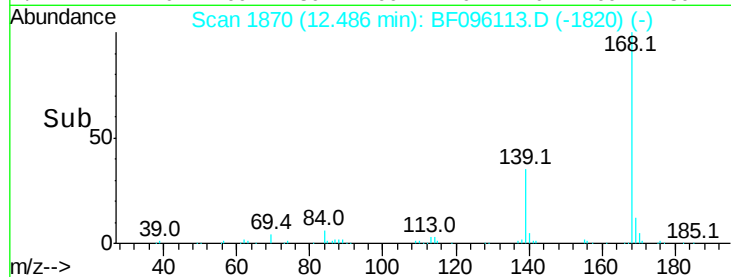
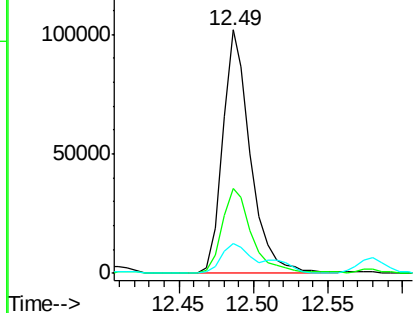
#54
Dibenzenofuran
Concen: 13.54 ng
RT: 12.49 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BF096113.D
Acq: 22 Jun 2017 8:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 133422
Ion Ratio Lower Upper
168 100
139 35.0 30.6 45.8
169 12.2 10.8 16.2

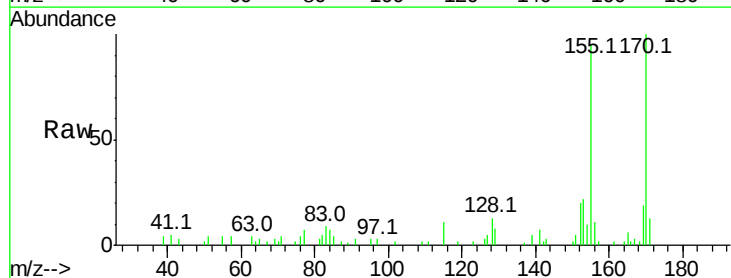


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

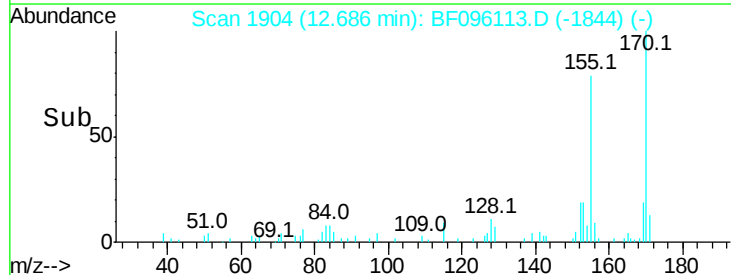
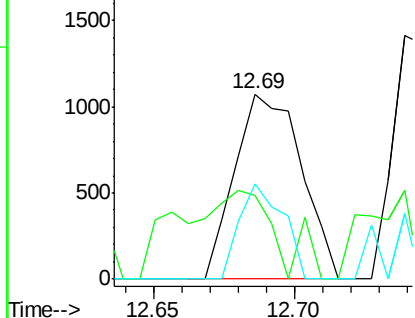


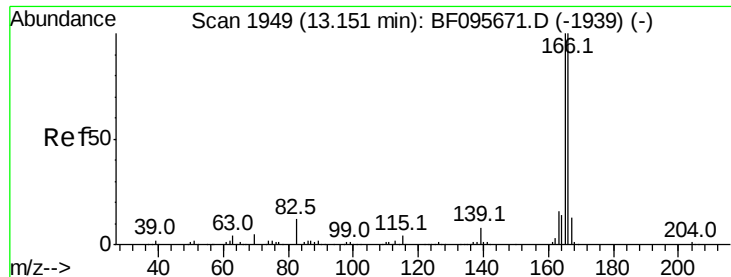
#55
4-Nitrophenol
Concen: 5.96 ng
RT: 12.69 min Scan# 1904
Delta R.T. 0.05 min
Lab File: BF096113.D
Acq: 22 Jun 2017 8:33

Tgt Ion:139 Resp: 1754
Ion Ratio Lower Upper
139 100
109 45.1 34.1 74.1
65 51.3 31.4 71.4



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

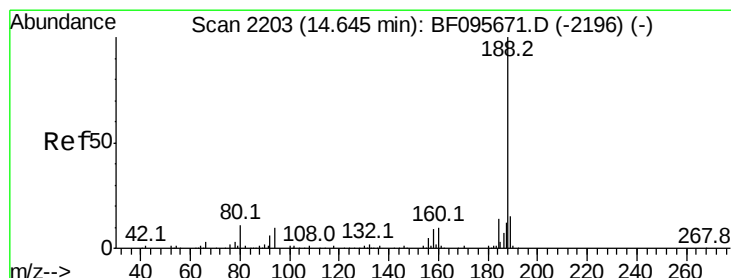
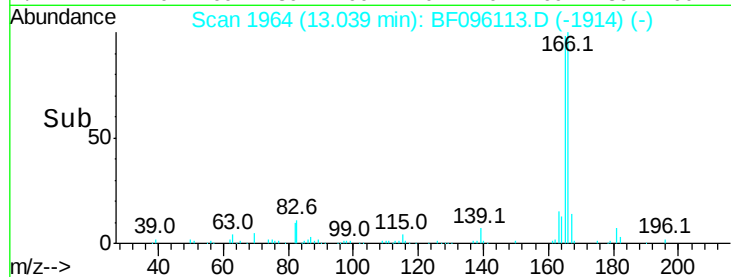
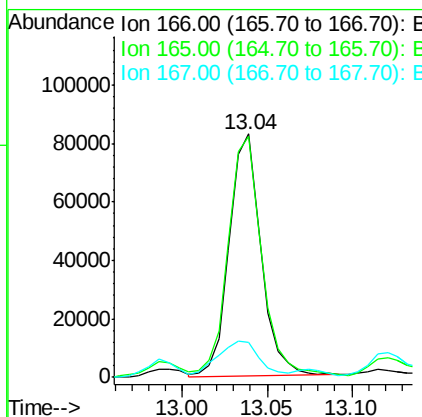
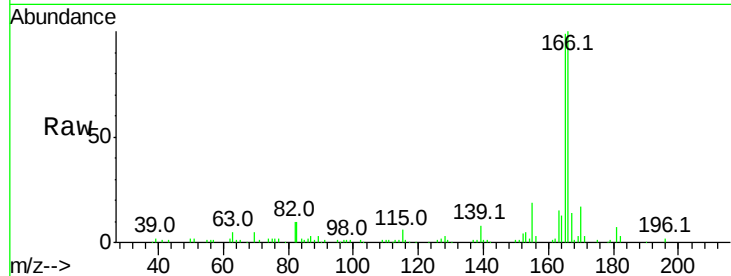




#57
 Fluorene
 Concen: 12.57 ng
 RT: 13.04 min Scan# 1964
 Delta R.T. -0.01 min
 Lab File: BF096113.D
 Acq: 22 Jun 2017 8:33

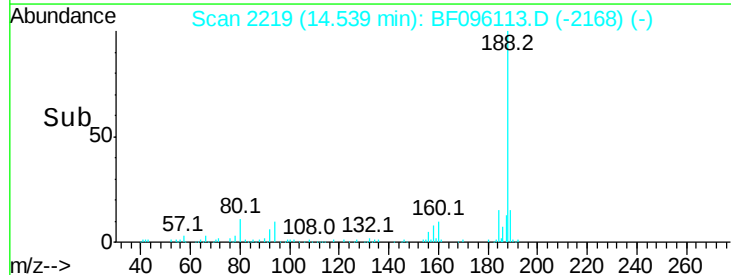
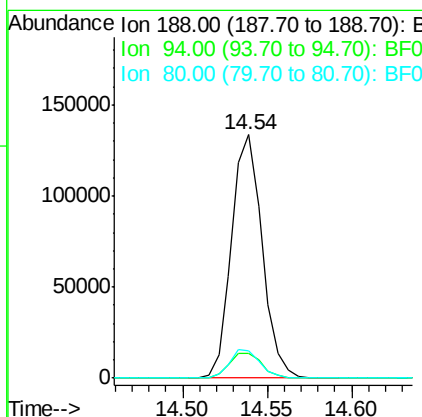
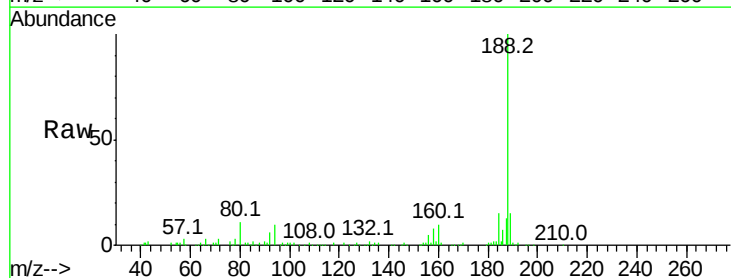
Instrument :
 BNA_F
 ClientSampleId :

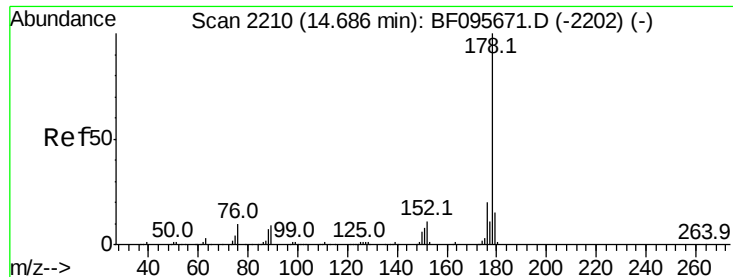
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.8	118.2
167	14.4	10.6	16.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.54 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: BF096113.D
 Acq: 22 Jun 2017 8:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	11.1	10.2	15.2

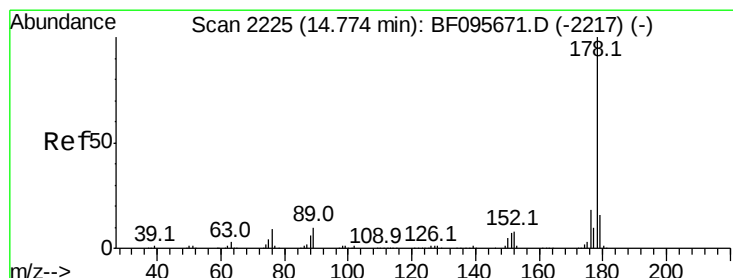
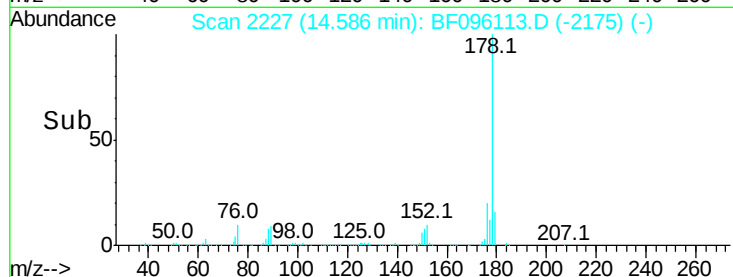
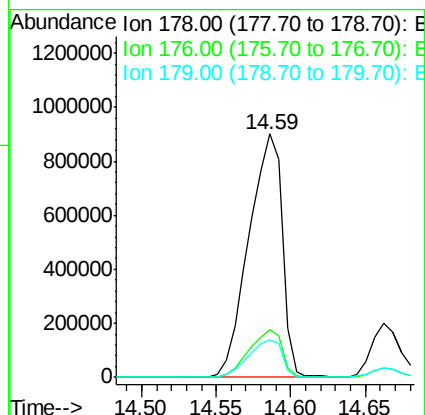
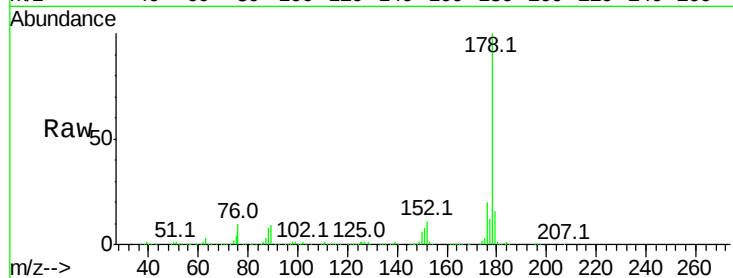




#70
Phenanthrene
Concen: 143.92 ng
RT: 14.59 min Scan# 2227
Delta R.T. 0.01 min
Lab File: BF096113.D
Acq: 22 Jun 2017 8:33

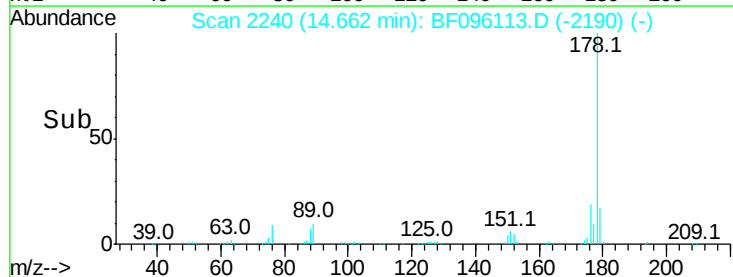
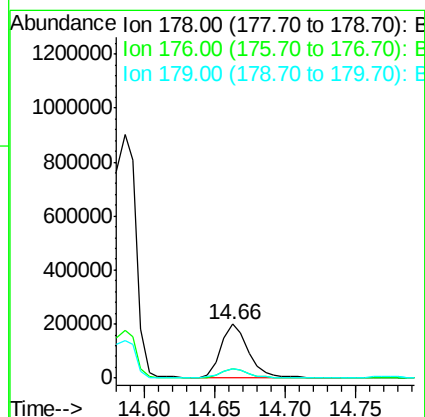
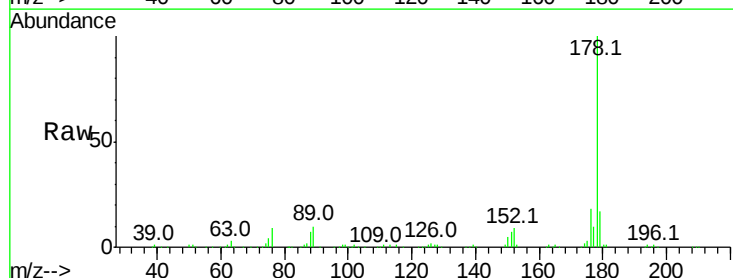
Instrument :
BNA_F
ClientSampleId :

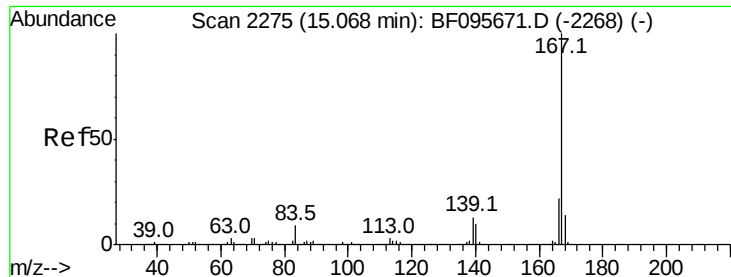
Tot Ion:178 Resp: 1396060
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.4
179 15.6 12.6 19.0



#71
Anthracene
Concen: 26.72 ng
RT: 14.66 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF096113.D
Acq: 22 Jun 2017 8:33

Tgt Ion:178 Resp: 270557
Ion Ratio Lower Upper
178 100
176 18.5 15.8 23.8
179 16.9 12.7 19.1

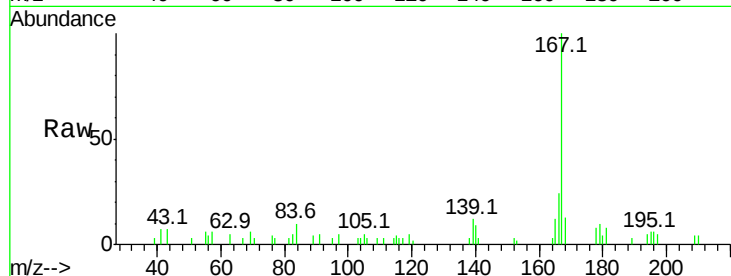




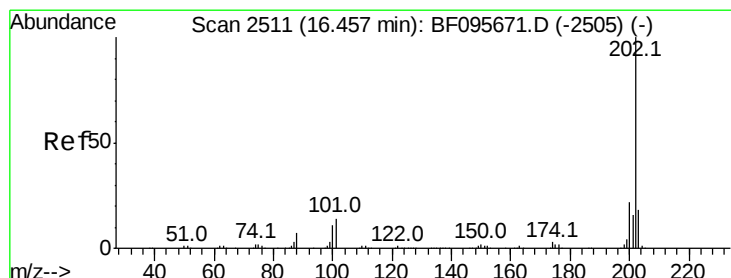
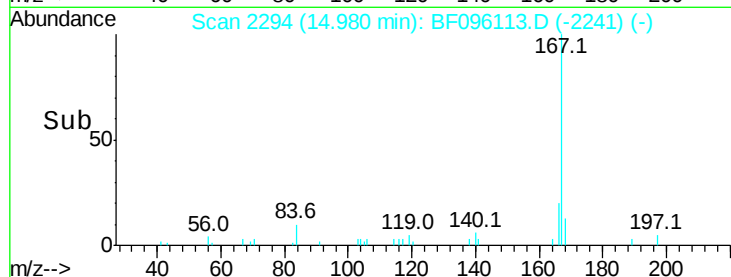
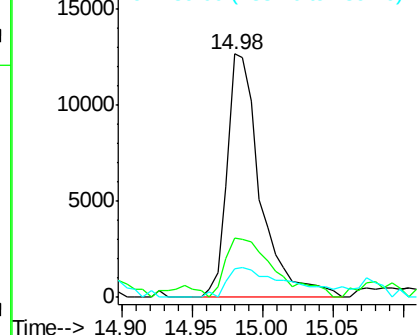
#72
 Carbazole
 Concen: 2.10 ng
 RT: 14.98 min Scan# 2294
 Delta R.T. 0.01 min
 Lab File: BF096113.D
 Acq: 22 Jun 2017 8:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 20741
 Ion Ratio Lower Upper
 167 100
 166 24.3 18.1 27.1
 139 11.9 11.7 17.5

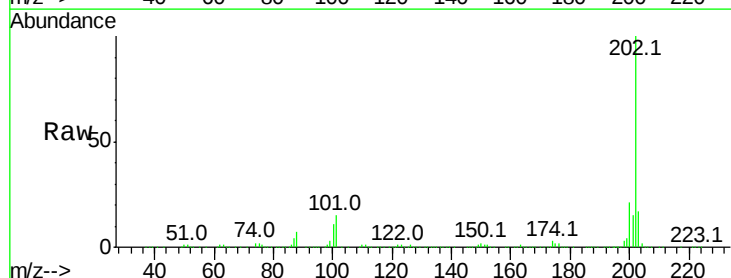


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

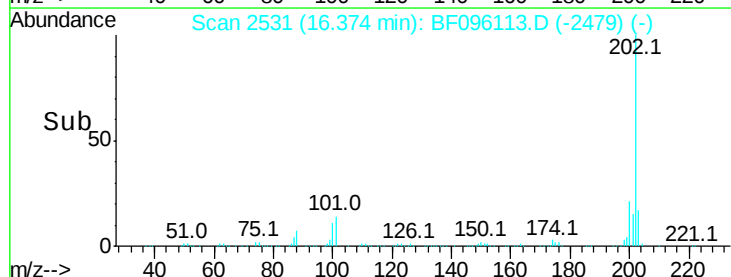
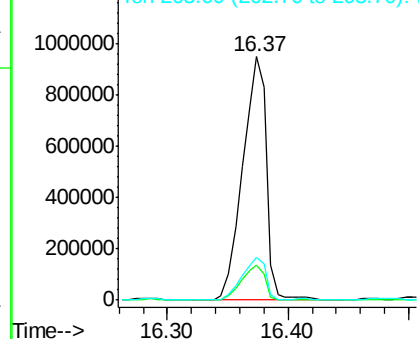


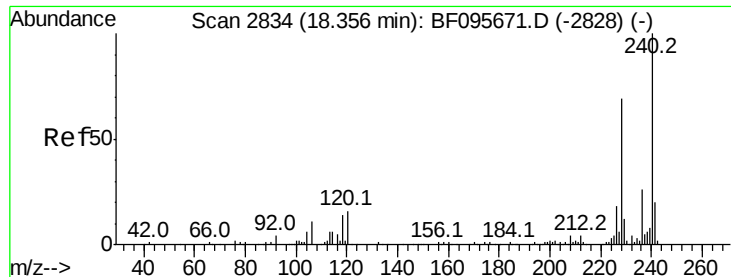
#74
 Fluoranthene
 Concen: 134.98 ng
 RT: 16.37 min Scan# 2531
 Delta R.T. 0.01 min
 Lab File: BF096113.D
 Acq: 22 Jun 2017 8:33

Tgt Ion:202 Resp: 1295922
 Ion Ratio Lower Upper
 202 100
 101 14.6 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: 18.27 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BF096113.D

Acq: 22 Jun 2017 8:33

Instrument :

BNA_F

ClientSampleId :

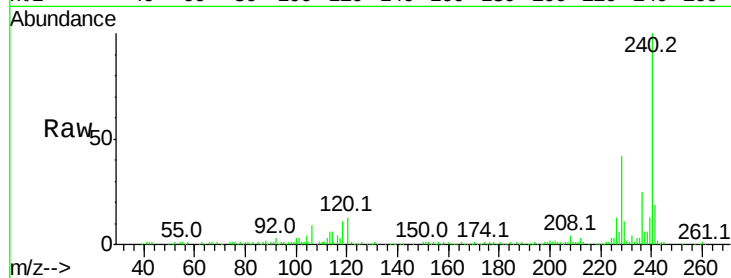
Tot Ion:240 Resp: 137840

Ion Ratio Lower Upper

240 100

120 12.8 5.8 8.8#

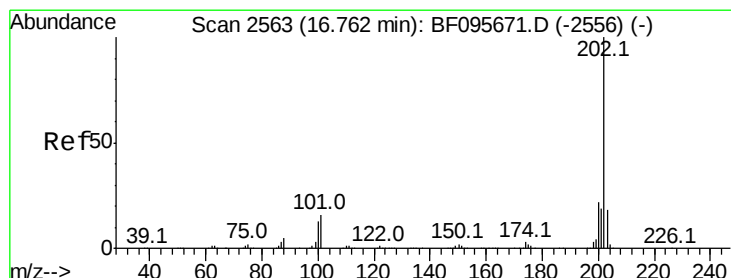
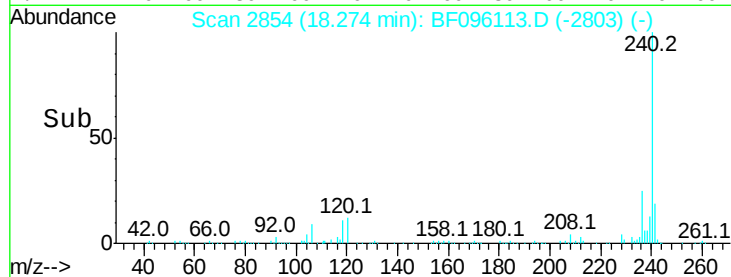
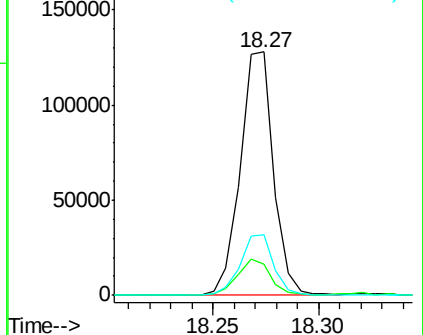
236 24.9 20.5 30.7



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: 98.14 ng

RT: 16.68 min Scan# 2583

Delta R.T. 0.01 min

Lab File: BF096113.D

Acq: 22 Jun 2017 8:33

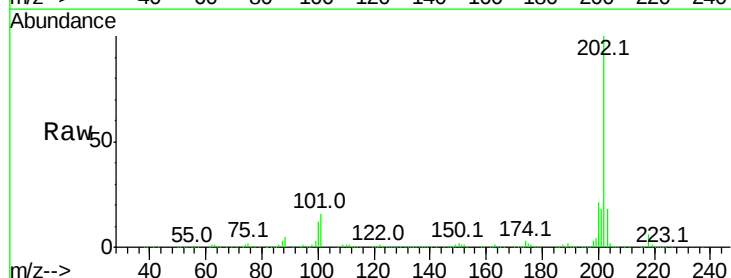
Tgt Ion:202 Resp: 1009361

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

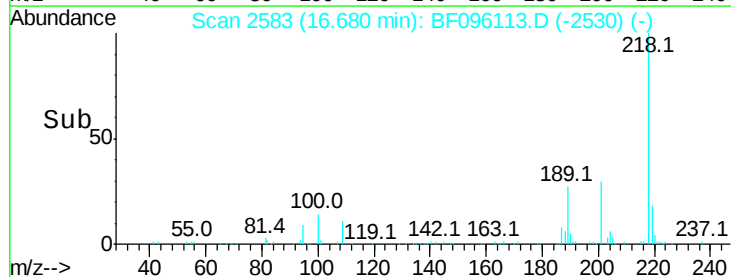
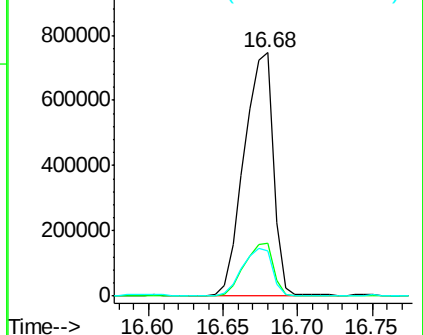
203 18.3 14.4 21.6

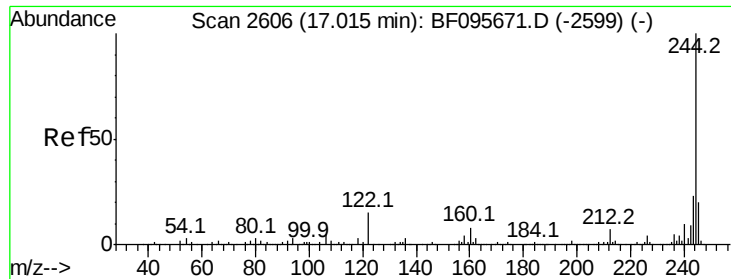


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

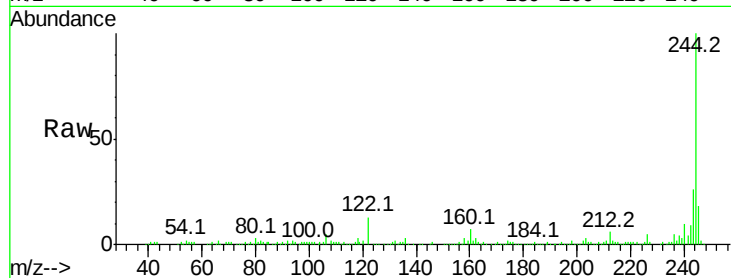




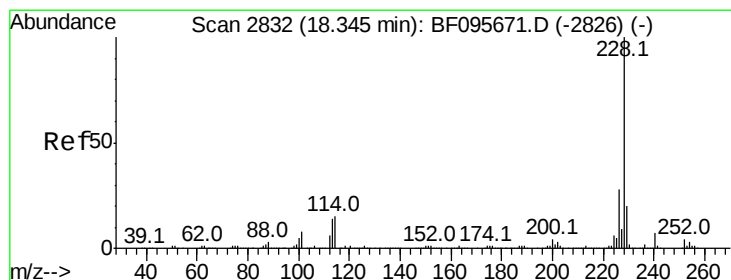
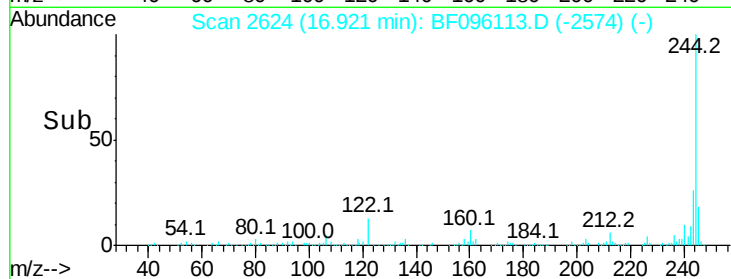
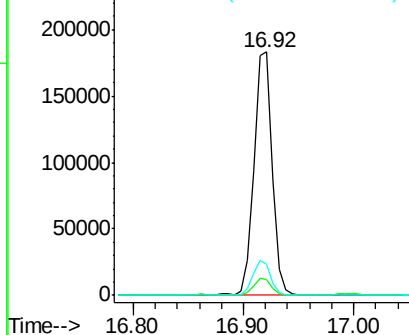
#78
 Terphenyl-d14
 Concen: 38.30 ng
 RT: 16.92 min Scan# 2624
 Delta R.T. -0.01 min
 Lab File: BF096113.D
 Acq: 22 Jun 2017 8:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	12.9	10.3	15.5

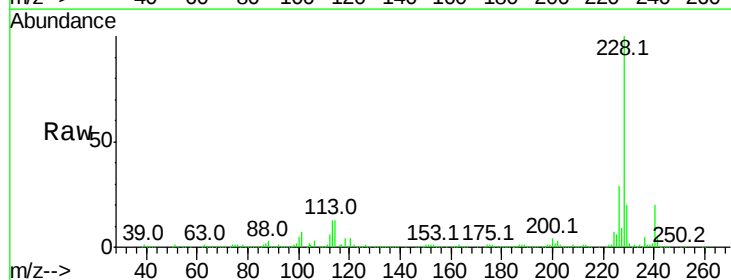


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

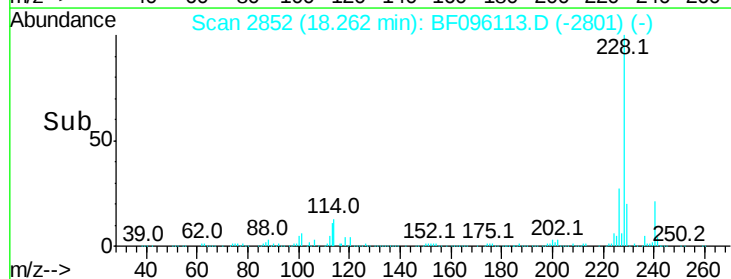
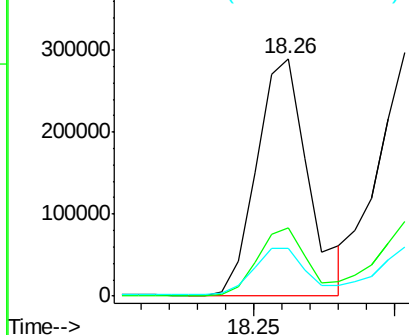


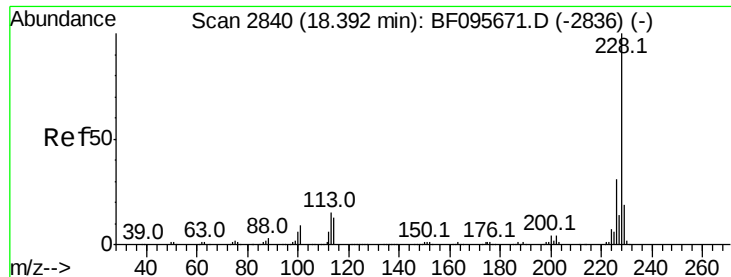
#80
 Benzo(a)anthracene
 Concen: 45.44 ng
 RT: 18.26 min Scan# 2852
 Delta R.T. -0.00 min
 Lab File: BF096113.D
 Acq: 22 Jun 2017 8:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	20.3	16.3	24.5



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: 47.80 ng

RT: 18.30 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BF096113.D

Acq: 22 Jun 2017 8:33

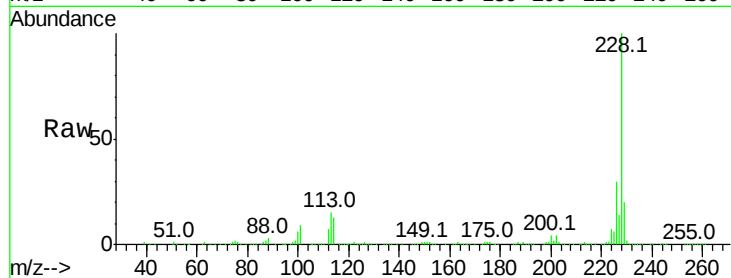
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 382806

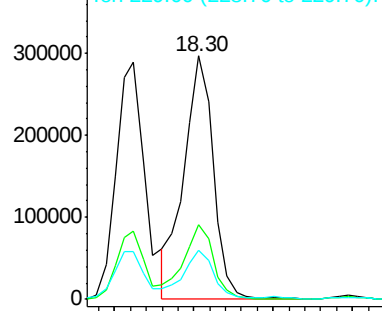
Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	20.0	15.8	23.6



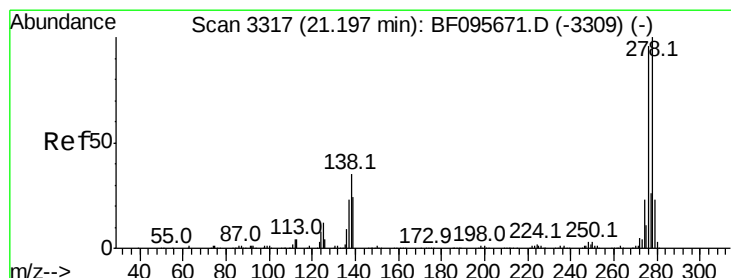
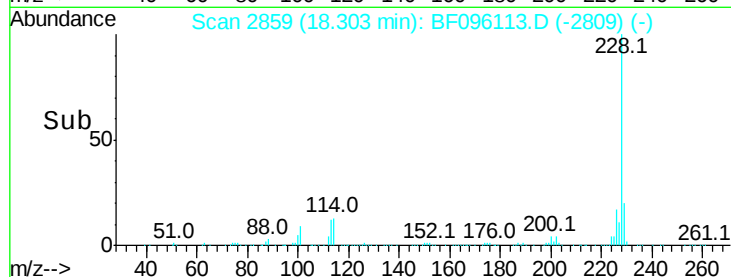
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#85

Indeno(1,2,3-cd)pyrene

Concen: 8.73 ng

RT: 21.11 min Scan# 3336

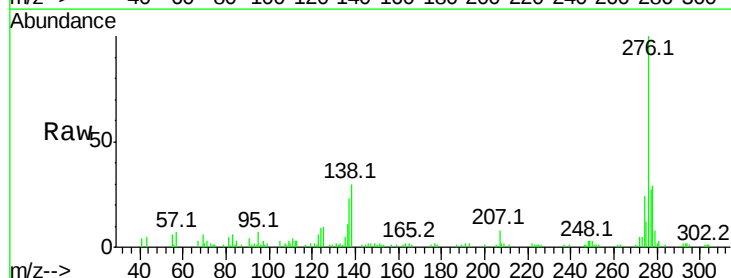
Delta R.T. 0.01 min

Lab File: BF096113.D

Acq: 22 Jun 2017 8:33

Tgt Ion:276 Resp: 59798

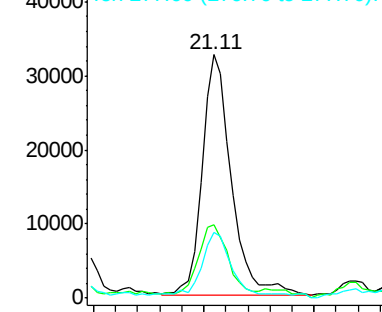
Ion	Ratio	Lower	Upper
276	100		
138	28.0	27.8	41.6
277	31.0	20.2	30.4



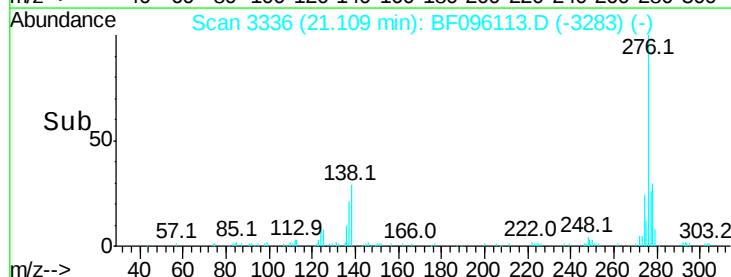
Abundance Ion 276.00 (275.70 to 276.70): E

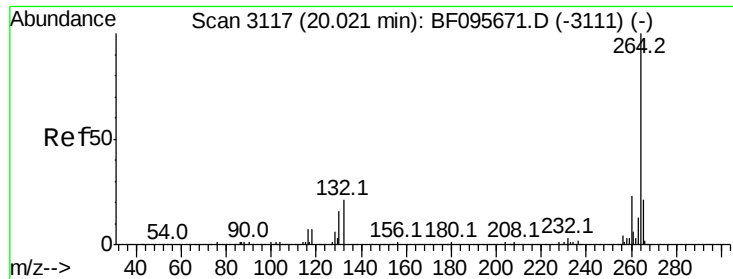
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->

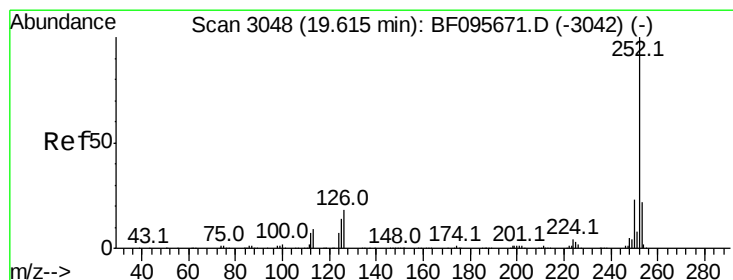
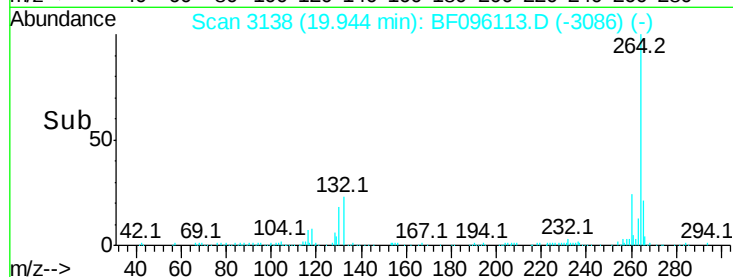
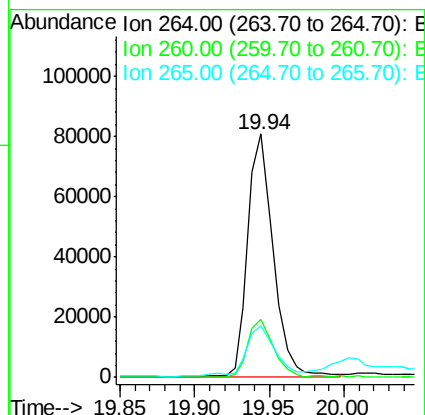
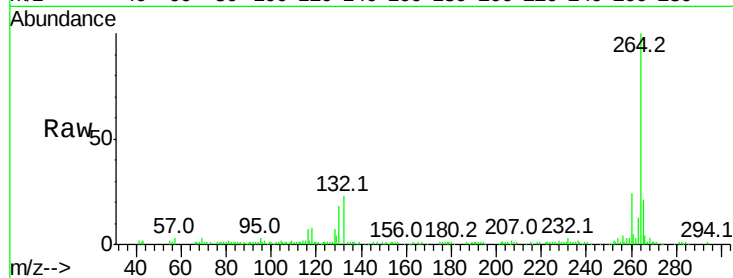




#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.94 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BF096113.D
Acq: 22 Jun 2017 8:33

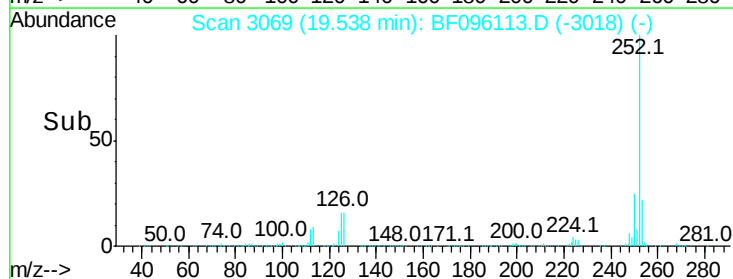
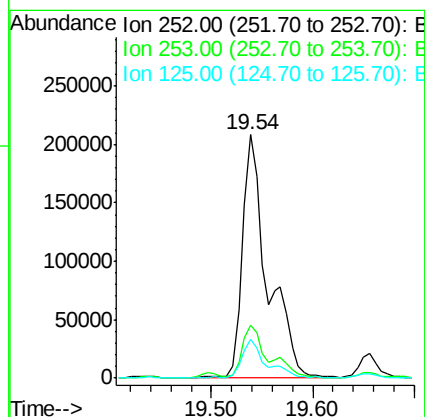
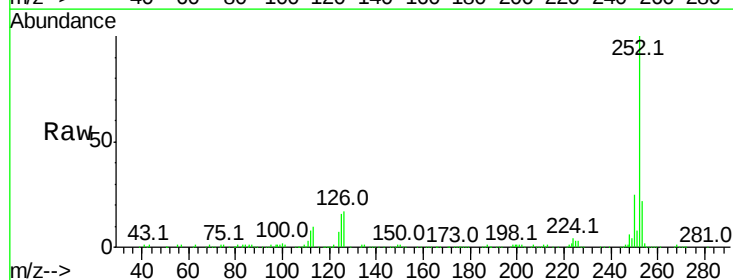
Instrument :
BNA_F
ClientSampled :

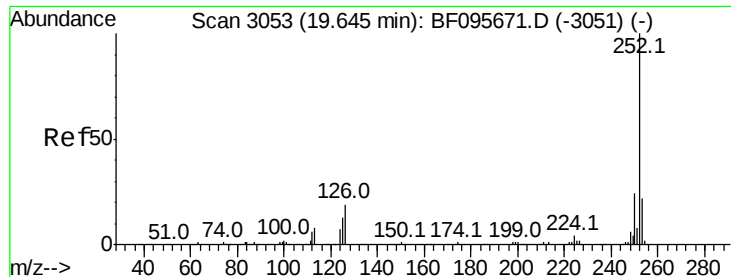
Tot Ion:264 Resp: 96605
Ion Ratio Lower Upper
264 100
260 24.1 19.5 29.3
265 21.4 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 58.74 ng
RT: 19.54 min Scan# 3069
Delta R.T. 0.00 min
Lab File: BF096113.D
Acq: 22 Jun 2017 8:33

Tgt Ion:252 Resp: 355345
Ion Ratio Lower Upper
252 100
253 21.6 18.1 27.1
125 15.9 9.8 14.8#





#88

Benzo(k)fluoranthene

Concen: 61.46 ng

RT: 19.54 min Scan# 3069

Delta R.T. -0.03 min

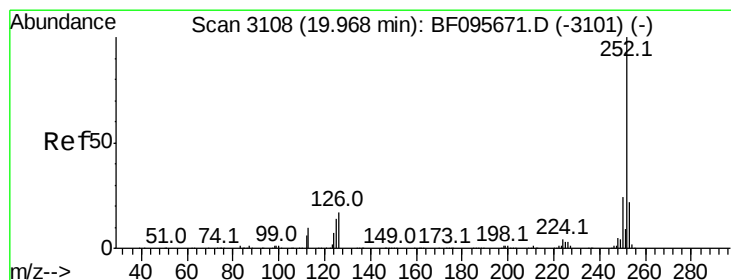
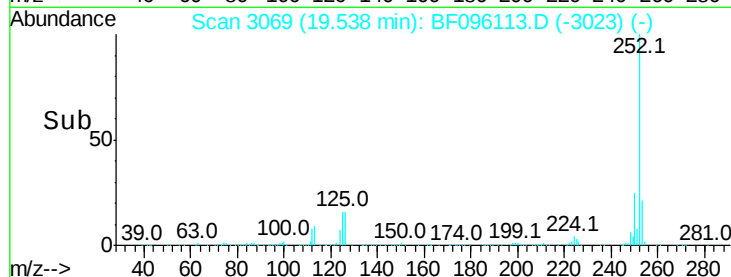
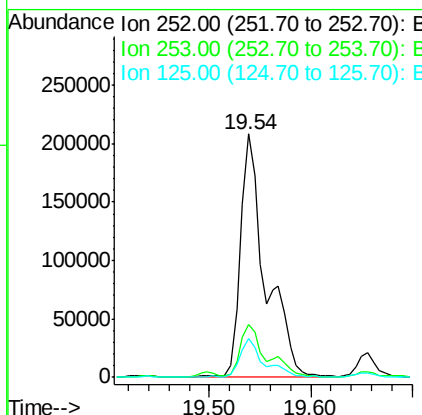
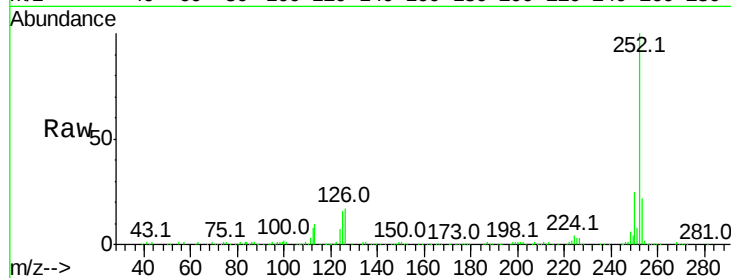
Lab File: BF096113.D

Acq: 22 Jun 2017 8:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 355345

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.4	27.6
125	15.9	13.1	19.7



#89

Benzo(a)pyrene

Concen: 18.49 ng

RT: 19.89 min Scan# 3129

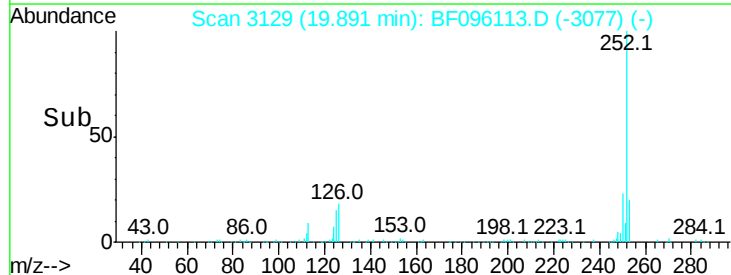
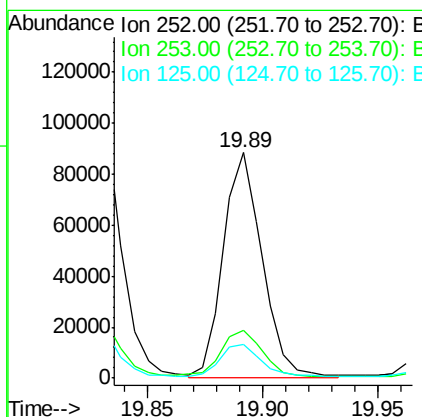
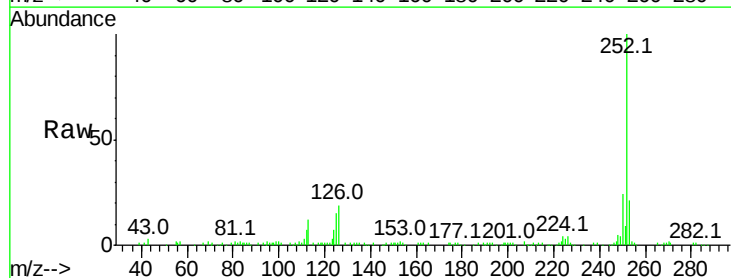
Delta R.T. 0.01 min

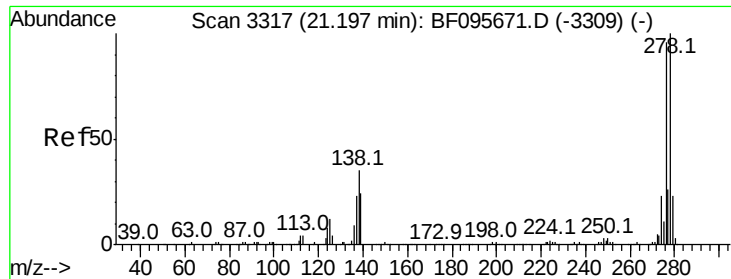
Lab File: BF096113.D

Acq: 22 Jun 2017 8:33

Tgt Ion:252 Resp: 102785

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.5	26.3
125	14.7	11.0	16.4





#90

Dibenzo(a,h)anthracene

Concen: 5.30 ng

RT: 21.10 min Scan# 3334

Delta R.T. 0.00 min

Lab File: BF096113.D

Acq: 22 Jun 2017 8:33

Instrument :

BNA_F

ClientSampleId :

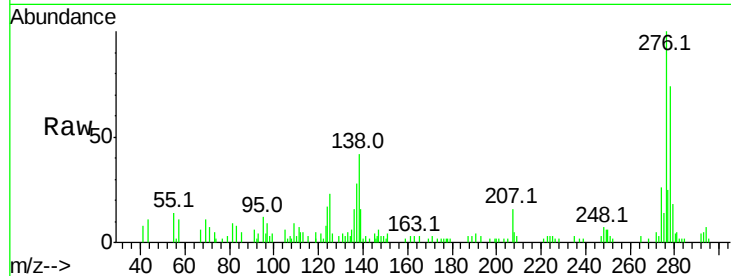
Tot Ion:278 Resp: 24988

Ion Ratio Lower Upper

278 100

139 22.2 16.6 24.8

279 24.6 19.3 28.9

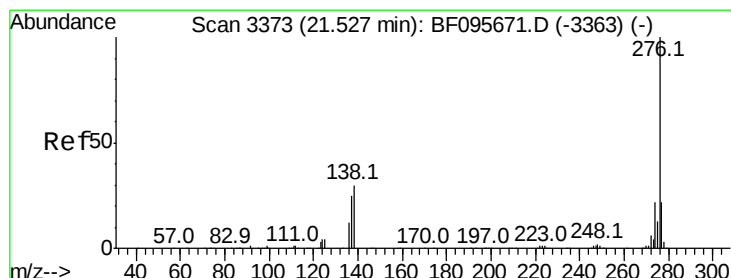
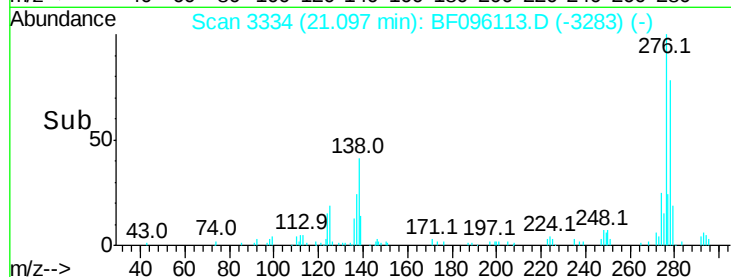
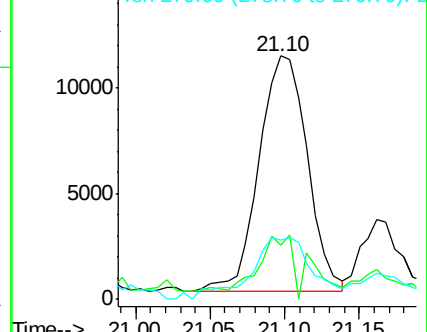


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 10.59 ng

RT: 21.44 min Scan# 3392

Delta R.T. 0.02 min

Lab File: BF096113.D

Acq: 22 Jun 2017 8:33

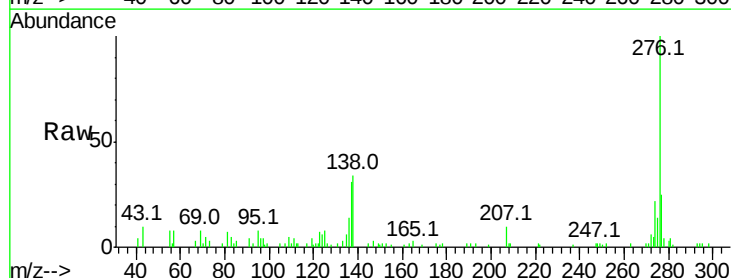
Tgt Ion:276 Resp: 50931

Ion Ratio Lower Upper

276 100

277 24.7 18.6 28.0

138 33.7 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

