

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
 Data File : BF096028.D
 Acq On : 20 Jun 2017 5:13
 Operator : SJ/MA
 Sample : I3688-14
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 20 07:17:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	63268	20.00	ng	-0.02
21) Naphthalene-d8	9.34	136	245228	20.00	ng	-0.02
38) Acenaphthene-d10	12.16	164	94092	20.00	ng	-0.02
63) Phenanthrene-d10	14.55	188	143563	20.00	ng	-0.02
75) Chrysene-d12	18.29	240	120026	20.00	ng	-0.01
86) Perylene-d12	19.96	264	82970	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	381765	96.15	ng	-0.02
7) Phenol-d6	6.89	99	461983	97.19	ng	-0.02
23) Nitrobenzene-d5	8.23	82	262873	66.57	ng	-0.02
41) 2,4,6-Tribromophenol	13.46	330	62443	75.01	ng	-0.02
44) 2-Fluorobiphenyl	11.12	172	481028	71.14	ng	-0.02
78) Terphenyl-d14	16.93	244	330401	68.32	ng	-0.02

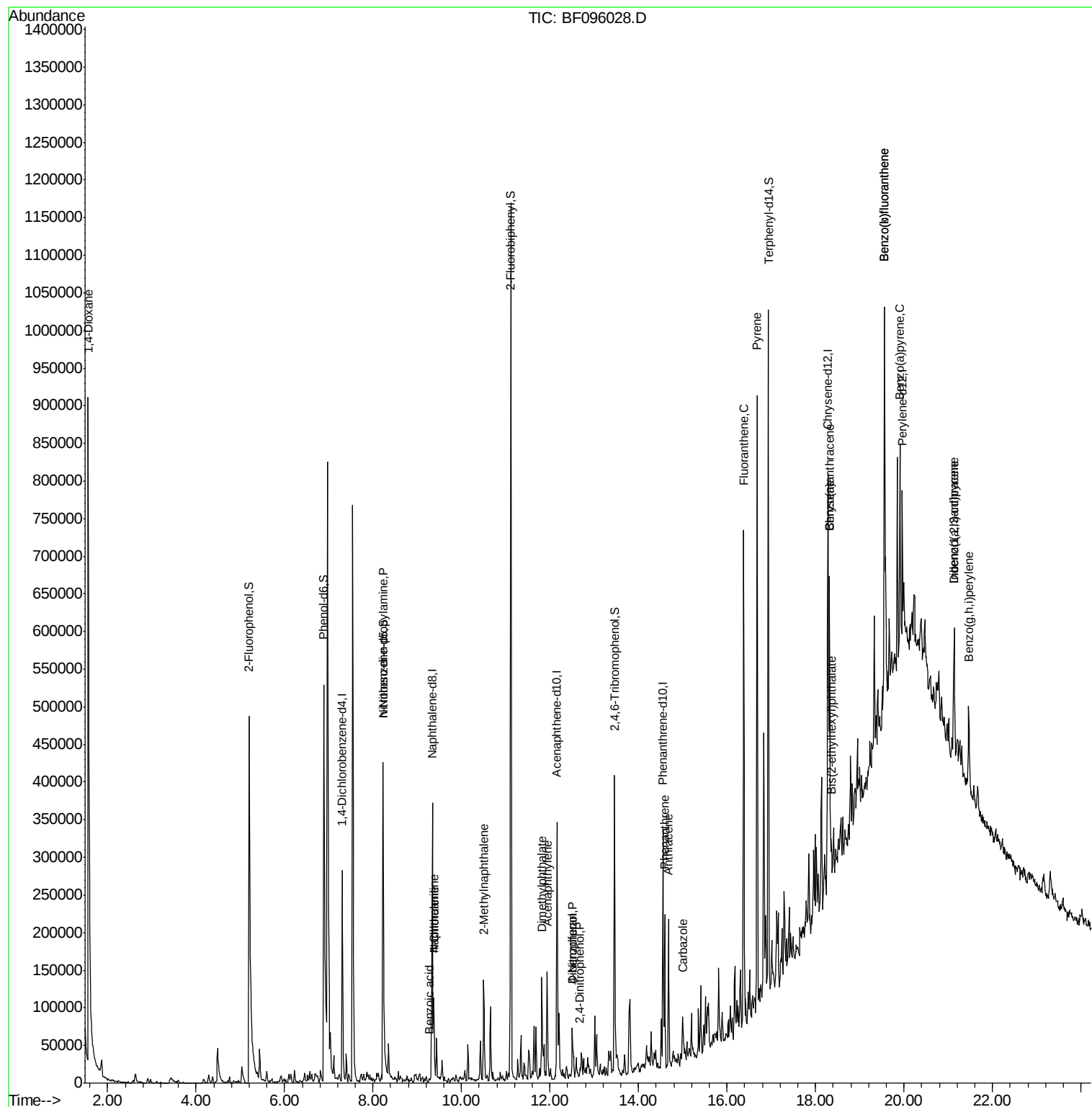
Target Compounds						Qvalue
2) 1,4-Dioxane	1.56	88	43594	23.08	ng	# 21
19) n-Nitroso-di-n-propylamine	8.23	70	33558	11.14	ng	# 73
31) Naphthalene	9.37	128	80538	6.54	ng	98
32) Benzoic acid	9.28	122	123	5.17	ng	# 35
33) 4-Chloroaniline	9.37	127	10258	2.13	ng	# 26
37) 2-Methylnaphthalene	10.50	142	59520	7.16	ng	96
48) Acenaphthylene	11.93	152	92741	8.95	ng	100
49) Dimethylphthalate	11.82	163	63955	8.95	ng	99
53) 2,4-Dinitrophenol	12.68	184	110	6.59	ng	# 4
54) Dibenzofuran	12.50	168	31676	3.76	ng	97
55) 4-Nitrophenol	12.50	139	11787	15.10	ng	# 30
70) Phenanthrene	14.59	178	119098	14.38	ng	95
71) Anthracene	14.68	178	121850	14.09	ng	97
72) Carbazole	14.99	167	26432	3.14	ng	99
74) Fluoranthene	16.38	202	341255	41.62	ng	99
77) Pyrene	16.68	202	338978	37.85	ng	97
80) Benzo(a)anthracene	18.32	228	230479	33.03	ng	98
82) Chrysene	18.32	228	230479	33.05	ng	98
83) Bis(2-ethylhexyl)phthalate	18.36	149	16146	2.93	ng	# 96
85) Indeno(1,2,3-cd)pyrene	21.13	276	88918	14.90	ng	93
87) Benzo(b)fluoranthene	19.56	252	360199	69.33	ng	# 96
88) Benzo(k)fluoranthene	19.56	252	360199	72.53	ng	99
89) Benzo(a)pyrene	19.91	252	123974	25.96	ng	# 95
90) Dibenzo(a,h)anthracene	21.13	278	35074	8.66	ng	# 87
91) Benzo(g,h,i)perylene	21.46	276	80032	19.38	ng	96

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.30 min Scan# 989

Delta R.T. -0.02 min

Lab File: BF096028.D

Acq: 20 Jun 2017 5:13

Instrument :

BNA_F

ClientSampleId :

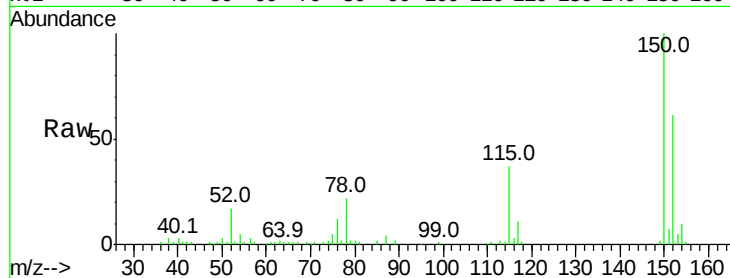
Tot Ion:152 Resp: 63268

Ion Ratio Lower Upper

152 100

150 162.6 126.2 189.2

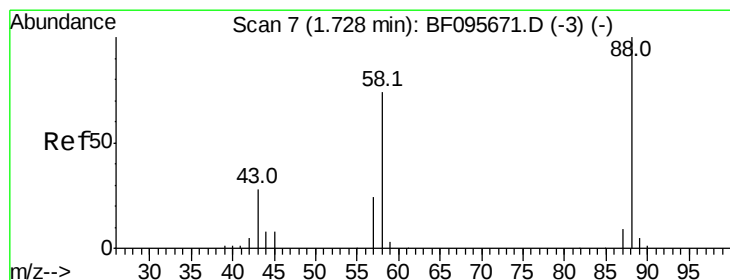
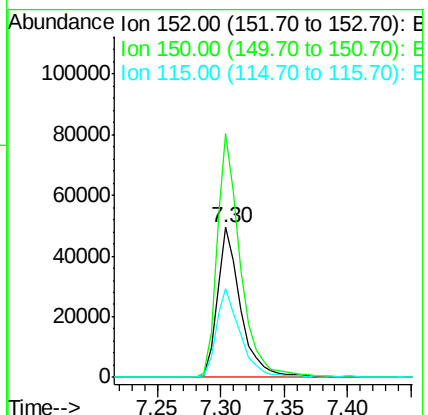
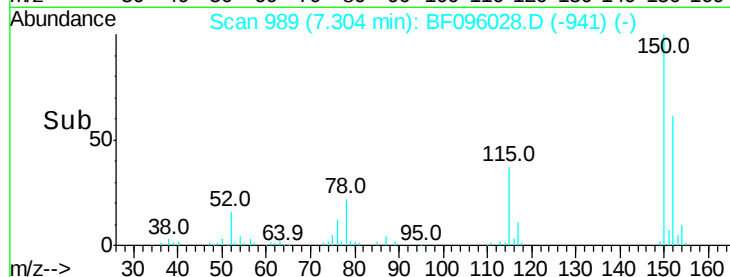
115 59.4 52.2 78.2



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: 23.08 ng

RT: 1.56 min Scan# 13

Delta R.T. -0.07 min

Lab File: BF096028.D

Acq: 20 Jun 2017 5:13

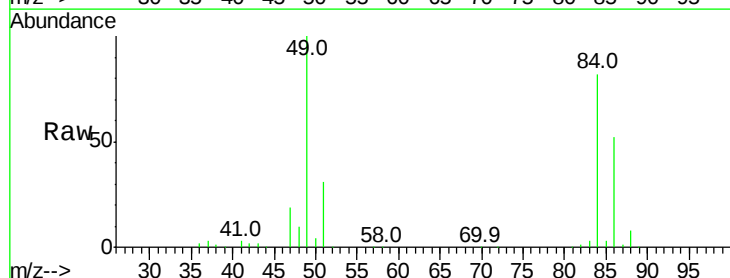
Tgt Ion: 88 Resp: 43594

Ion Ratio Lower Upper

88 100

58 0.0 61.4 92.0#

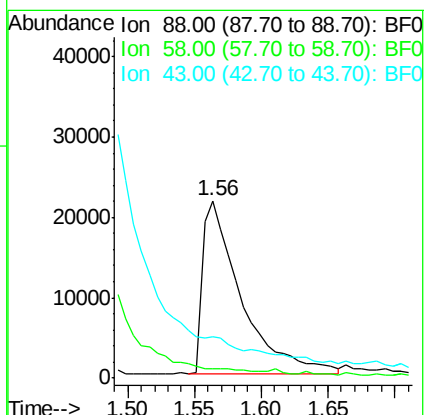
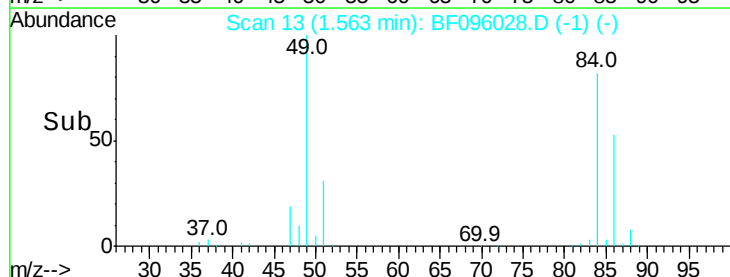
43 0.0 23.4 35.0#

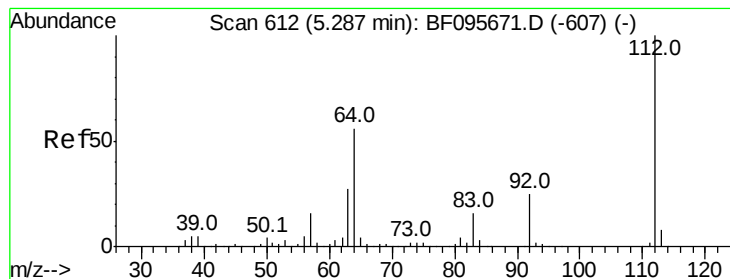


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

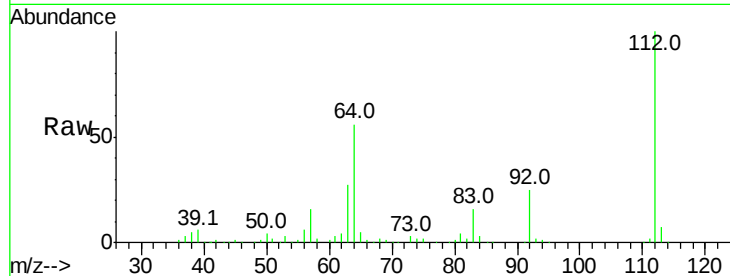




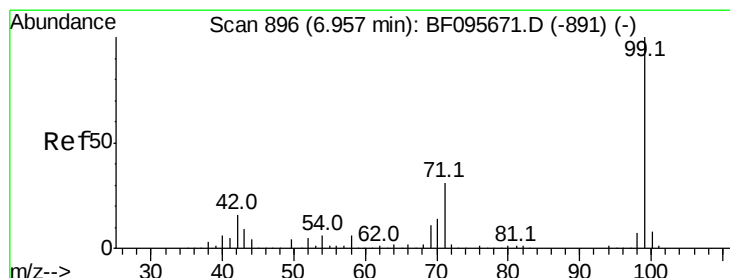
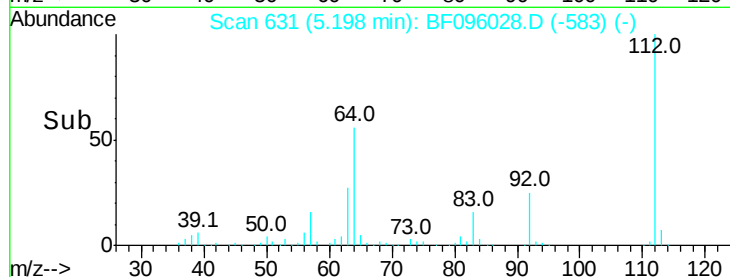
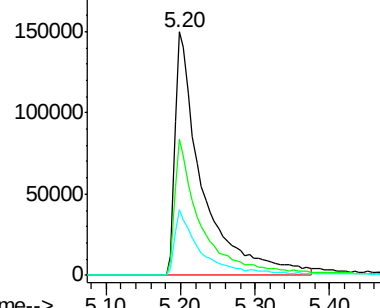
#5
 2-Fluorophenol
 Concen: 96.15 ng
 RT: 5.20 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: BF096028.D
 Acq: 20 Jun 2017 5:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
112	100		
64	56.1	46.0	69.0
63	27.2	23.4	35.0

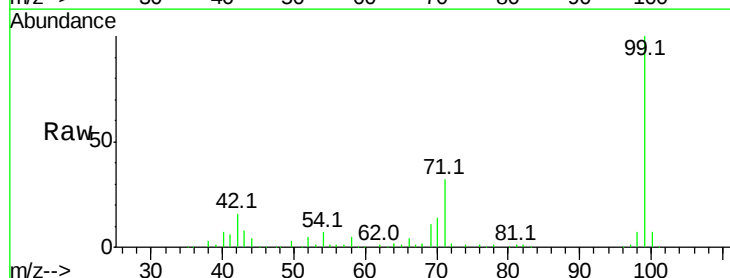


Abundance Ion 112.00 (111.70 to 112.70): BF0
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

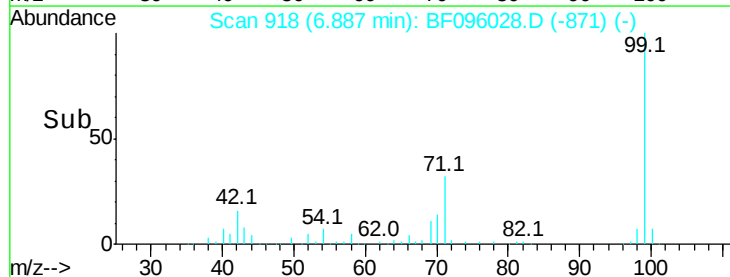
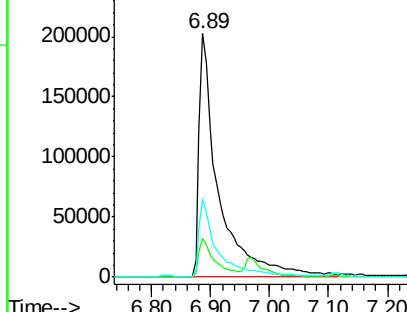


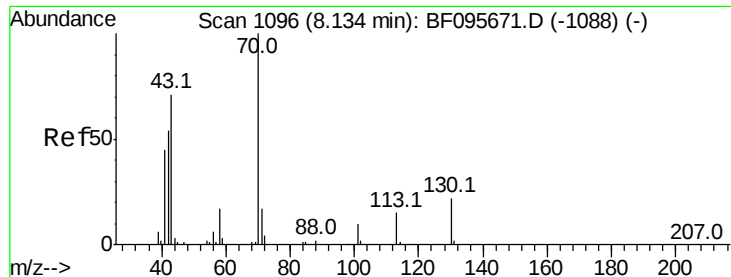
#7
 Phenol-d6
 Concen: 97.19 ng
 RT: 6.89 min Scan# 918
 Delta R.T. -0.02 min
 Lab File: BF096028.D
 Acq: 20 Jun 2017 5:13

Tgt Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.5	20.3
71	32.0	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: 11.14 ng

RT: 8.23 min Scan# 1146

Delta R.T. 0.16 min

Lab File: BF096028.D

Acq: 20 Jun 2017 5:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 33558

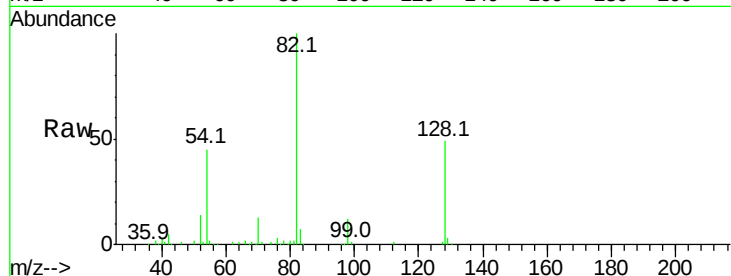
Ion Ratio Lower Upper

70 100

42 41.6 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

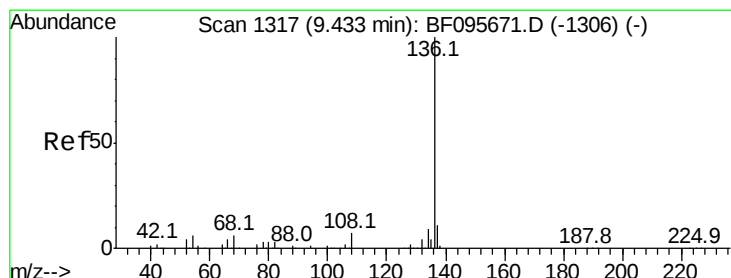
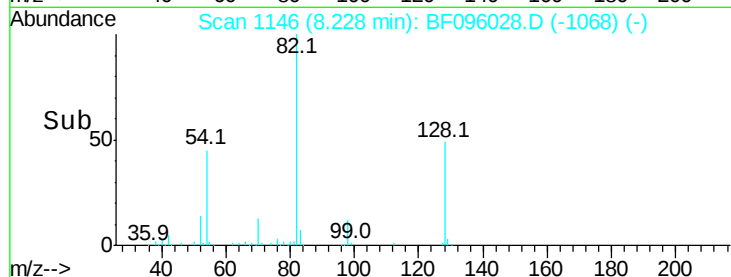
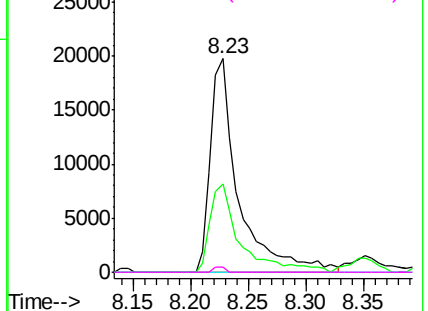


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.34 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BF096028.D

Acq: 20 Jun 2017 5:13

Tgt Ion:136 Resp: 245228

Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.9 4.9 7.3

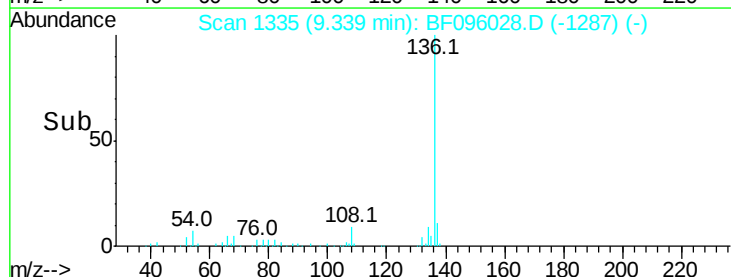
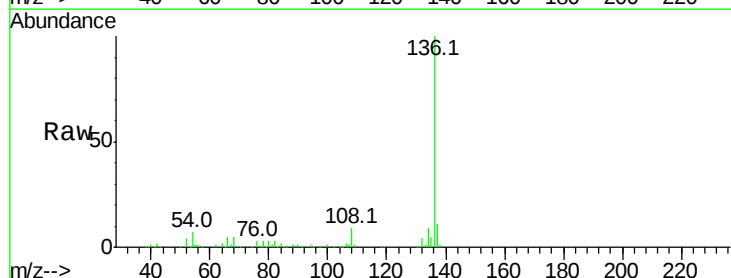
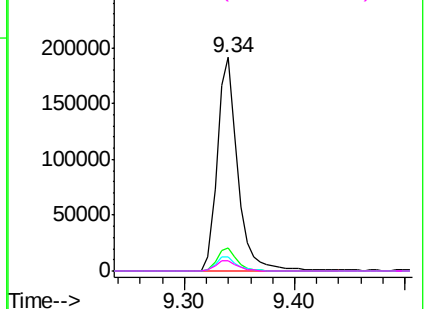
68 5.0 4.1 6.1

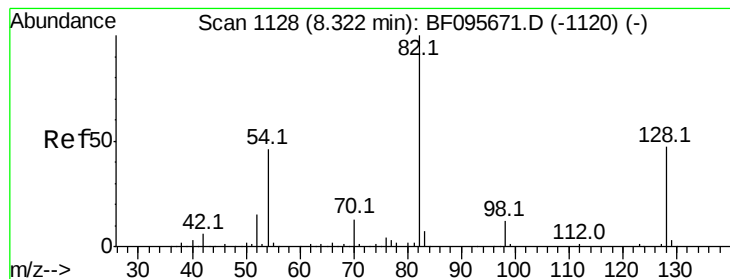
Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.57 ng

RT: 8.23 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BF096028.D

Acq: 20 Jun 2017 5:13

Instrument :

BNA_F

ClientSampleId :

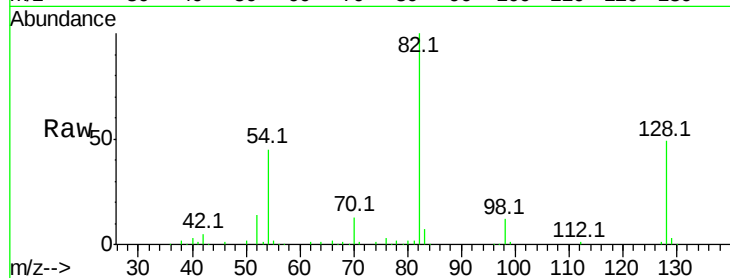
Tot Ion: 82 Resp: 262873

Ion Ratio Lower Upper

82 100

128 48.8 34.0 51.0

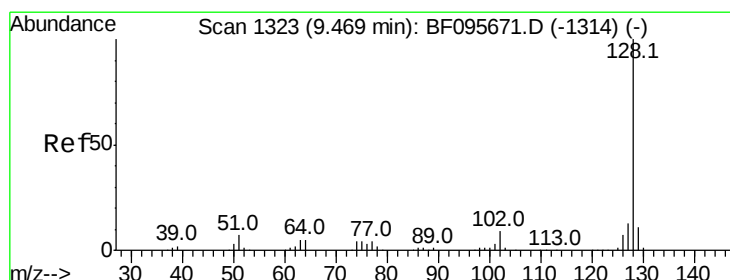
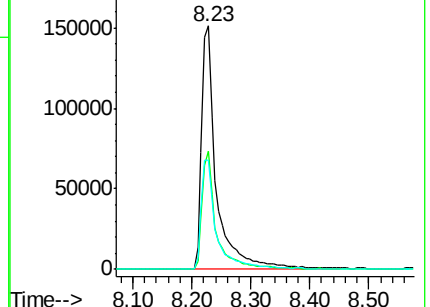
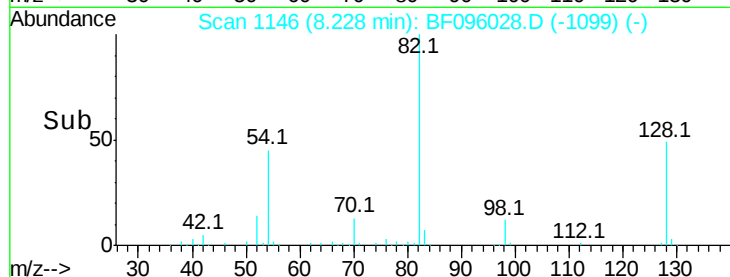
54 44.9 42.2 63.2



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



#31

Naphthalene

Concen: 6.54 ng

RT: 9.37 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BF096028.D

Acq: 20 Jun 2017 5:13

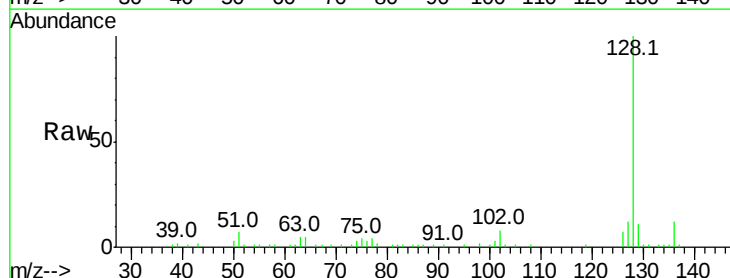
Tgt Ion:128 Resp: 80538

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

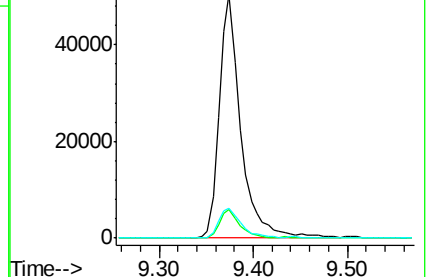
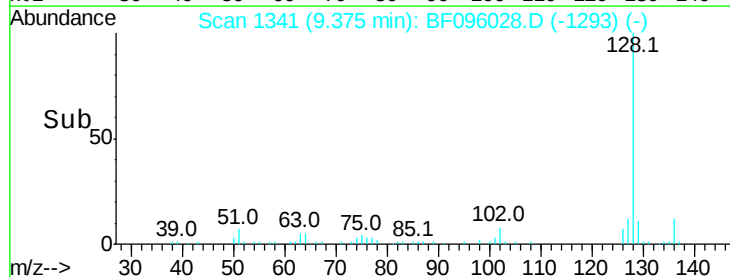
127 12.3 10.8 16.2

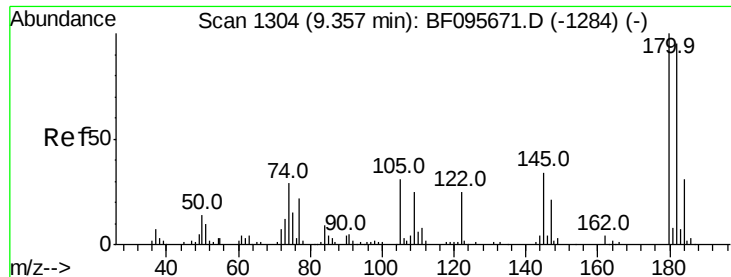


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

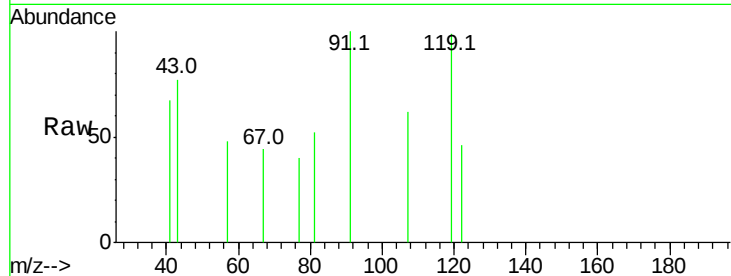




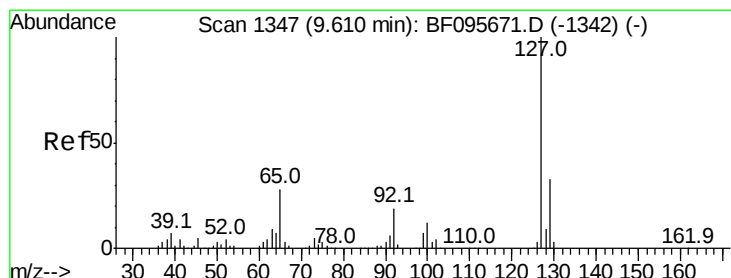
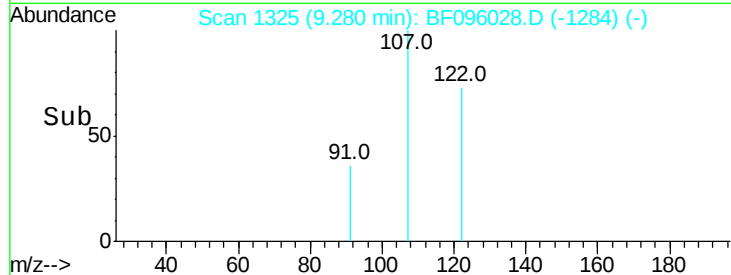
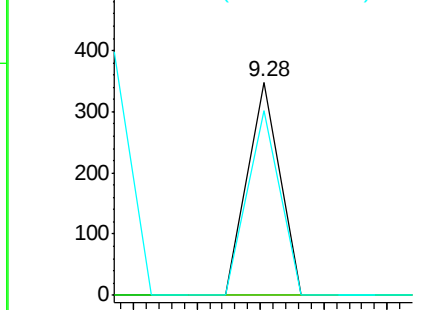
#32
Benzoic acid
Concen: 5.17 ng
RT: 9.28 min Scan# 1325
Delta R.T. -0.06 min
Lab File: BF096028.D
Acq: 20 Jun 2017 5:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 123
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 86.8 73.7 113.7

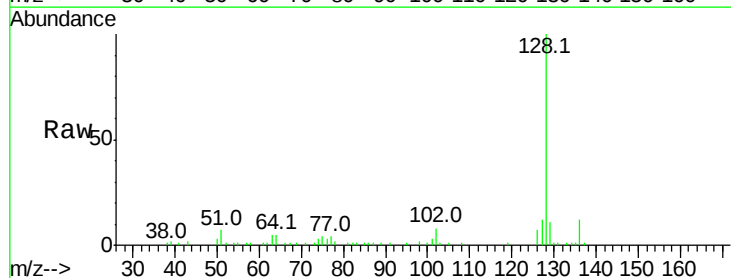


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

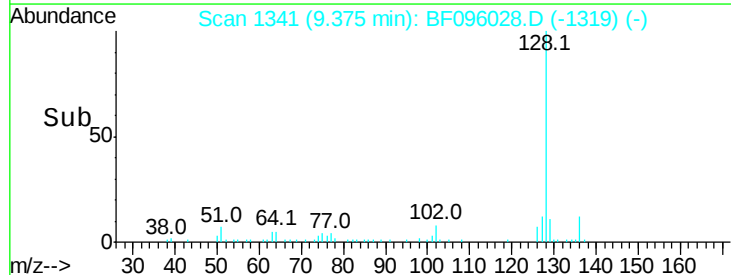
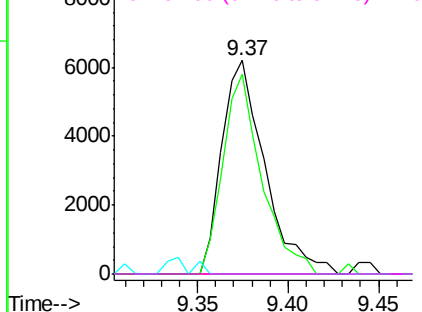


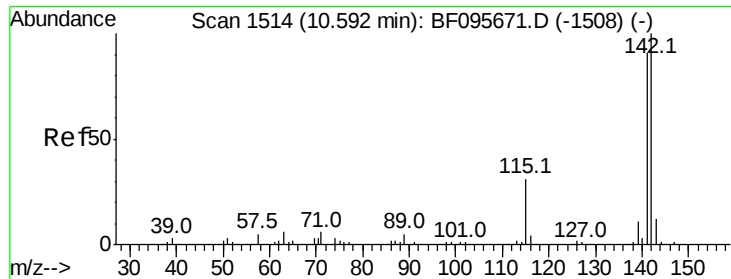
#33
4-Chloroaniline
Concen: 2.13 ng
RT: 9.37 min Scan# 1341
Delta R.T. -0.17 min
Lab File: BF096028.D
Acq: 20 Jun 2017 5:13

Tgt Ion:127 Resp: 10258
Ion Ratio Lower Upper
127 100
129 93.2 26.2 39.2#
65 0.0 27.8 41.8#
92 0.0 16.8 25.2#



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

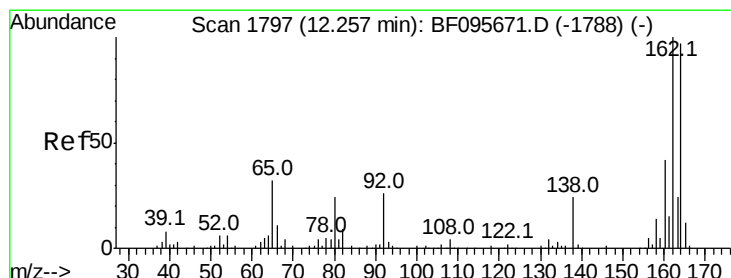
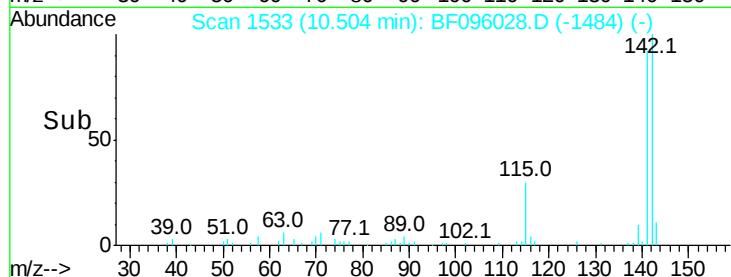
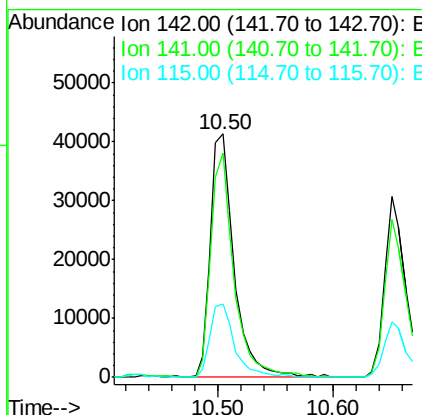
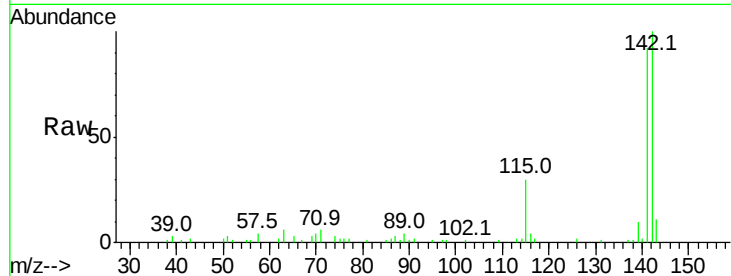




#37
2-Methylnaphthalene
Concen: 7.16 ng
RT: 10.50 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF096028.D
Acq: 20 Jun 2017 5:13

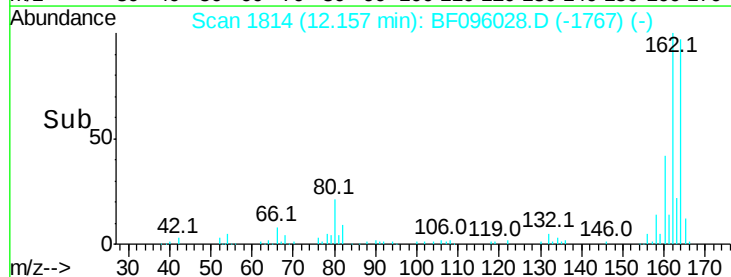
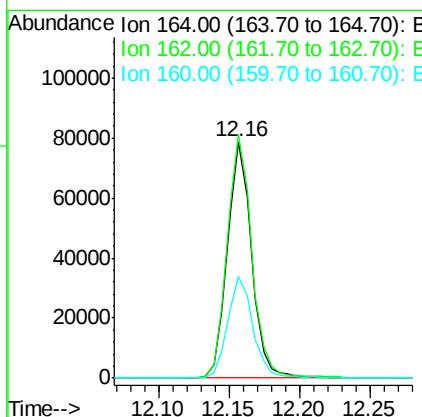
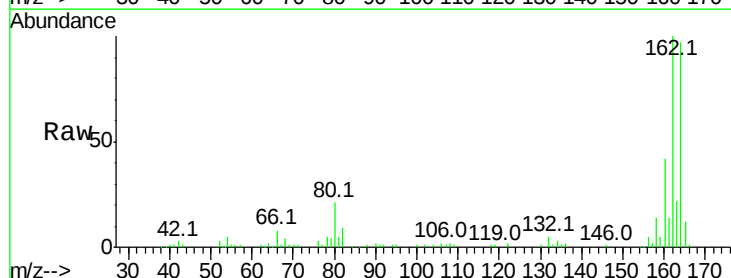
Instrument :
BNA_F
ClientSampled :

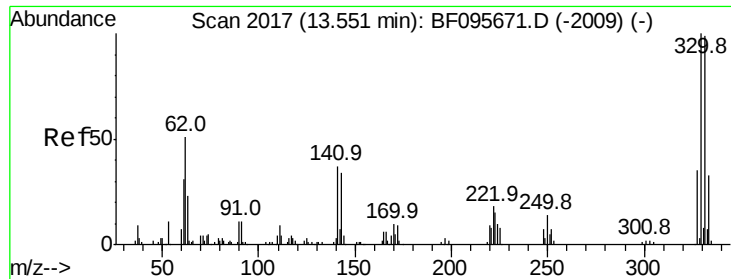
Tot Ion:142 Resp: 59520
Ion Ratio Lower Upper
142 100
141 92.3 71.3 106.9
115 30.3 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.16 min Scan# 1814
Delta R.T. -0.02 min
Lab File: BF096028.D
Acq: 20 Jun 2017 5:13

Tgt Ion:164 Resp: 94092
Ion Ratio Lower Upper
164 100
162 103.0 82.6 123.8
160 43.1 36.2 54.2

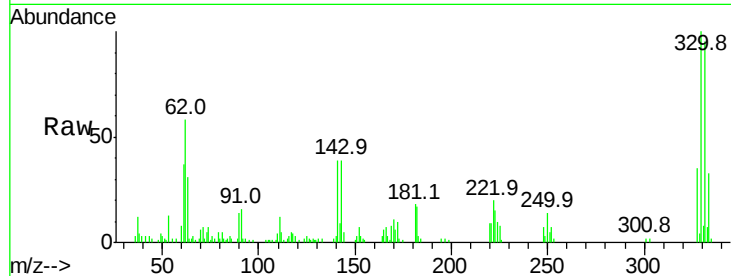




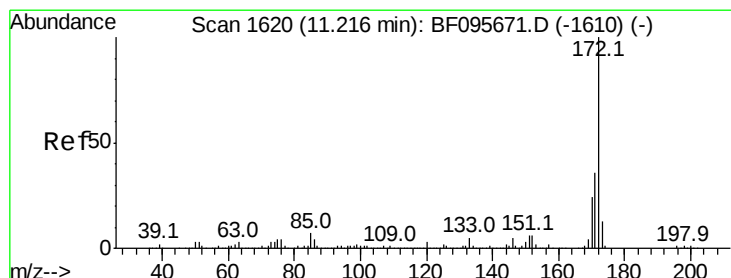
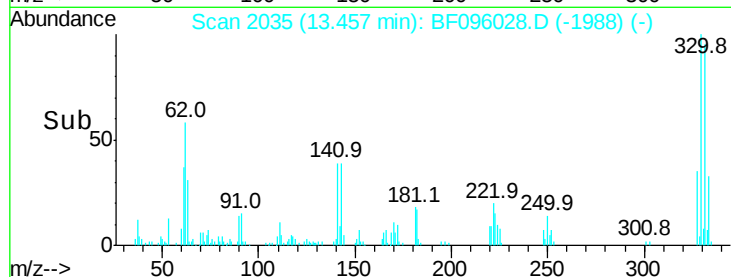
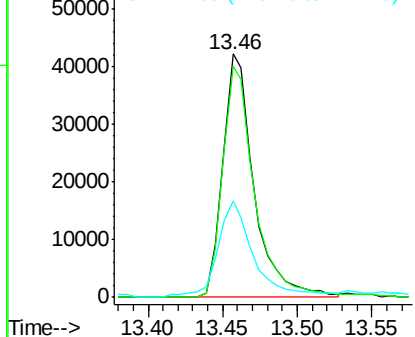
#41
 2,4,6-Tribromophenol
 Concen: 75.01 ng
 RT: 13.46 min Scan# 2035
 Delta R.T. -0.02 min
 Lab File: BF096028.D
 Acq: 20 Jun 2017 5:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 62443
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 115.0
 141 45.0 31.4 47.2

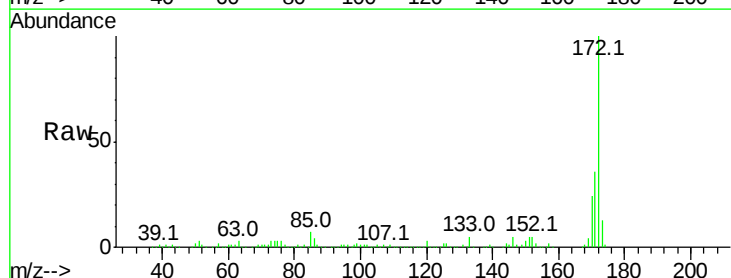


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

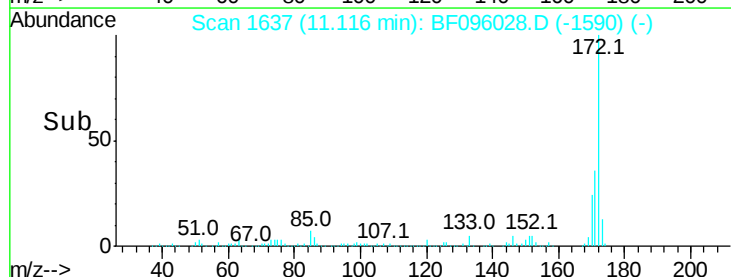
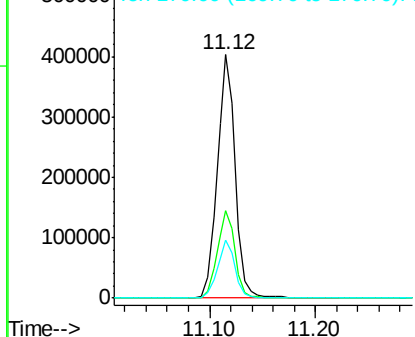


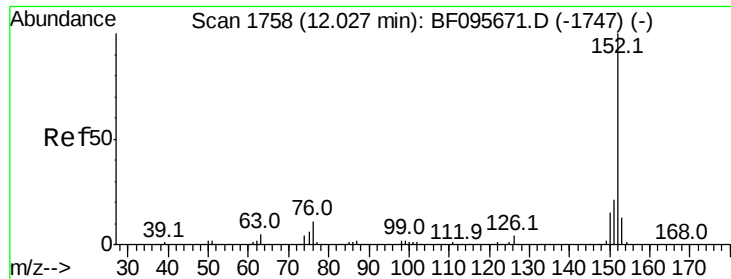
#44
 2-Fluorobiphenyl
 Concen: 71.14 ng
 RT: 11.12 min Scan# 1637
 Delta R.T. -0.02 min
 Lab File: BF096028.D
 Acq: 20 Jun 2017 5:13

Tgt Ion:172 Resp: 481028
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.7 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: 8.95 ng

RT: 11.93 min Scan# 1776

Delta R.T. -0.02 min

Lab File: BF096028.D

Acq: 20 Jun 2017 5:13

Instrument :

BNA_F

ClientSampleId :

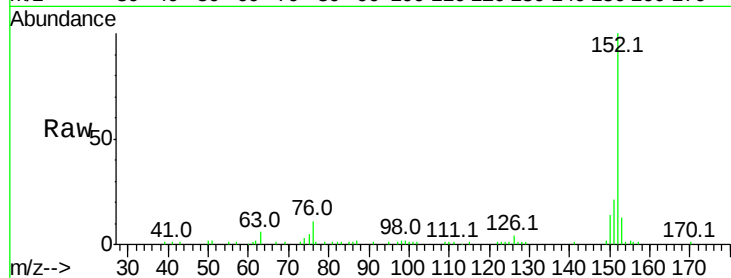
Tot Ion:152 Resp: 92741

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

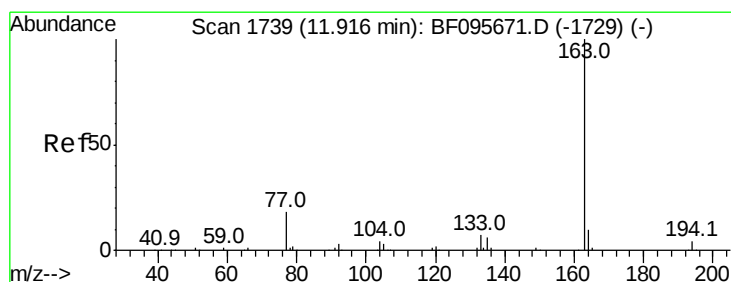
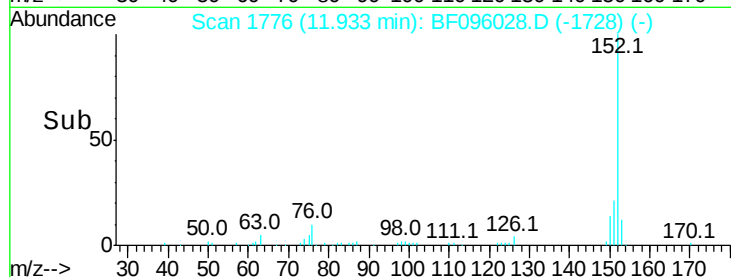
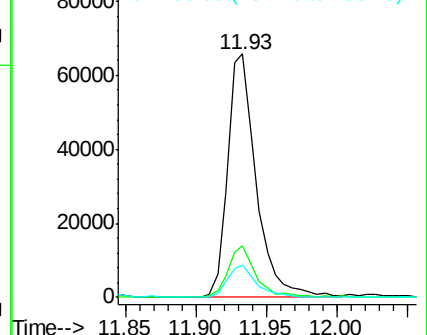
153 13.5 10.8 16.2



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: 8.95 ng

RT: 11.82 min Scan# 1756

Delta R.T. -0.04 min

Lab File: BF096028.D

Acq: 20 Jun 2017 5:13

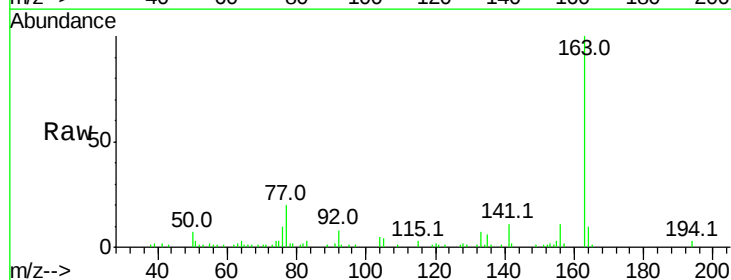
Tgt Ion:163 Resp: 63955

Ion Ratio Lower Upper

163 100

194 2.7 2.6 4.0

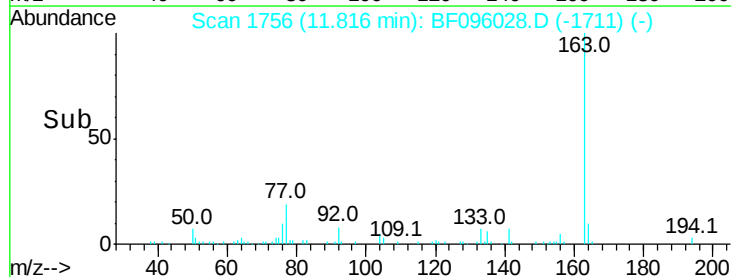
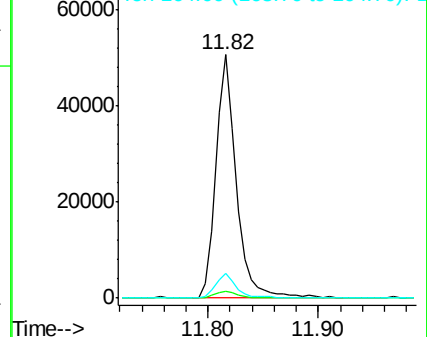
164 10.2 8.4 12.6

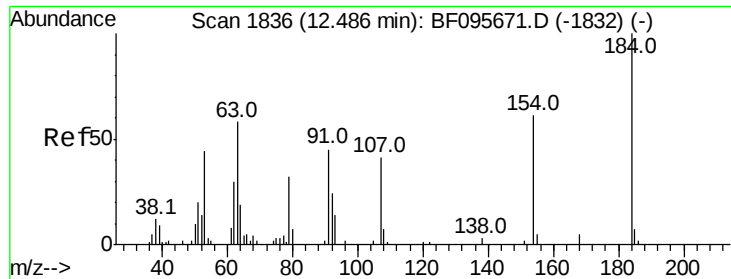


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

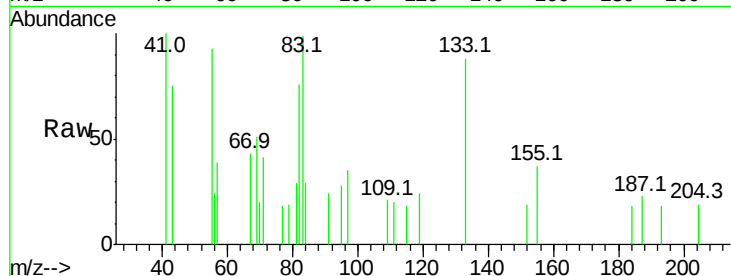




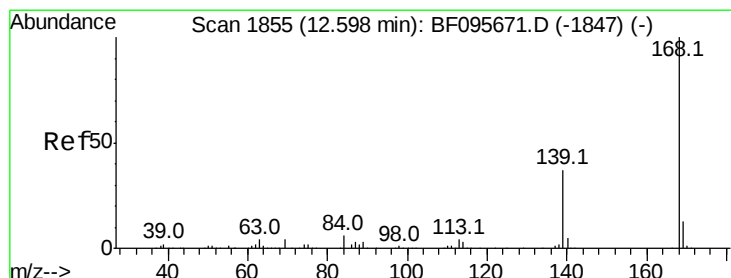
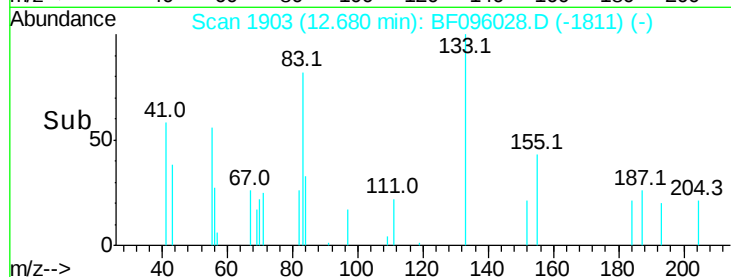
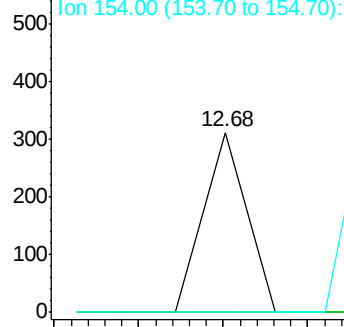
#53
2,4-Dinitrophenol
Concen: 6.59 ng
RT: 12.68 min Scan# 1903
Delta R.T. 0.24 min
Lab File: BF096028.D
Acq: 20 Jun 2017 5:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 110
Ion Ratio Lower Upper
184 100
63 0.0 62.7 94.1#
154 0.0 81.1 121.7#

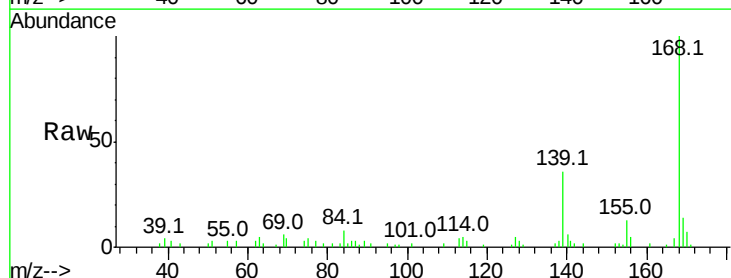


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

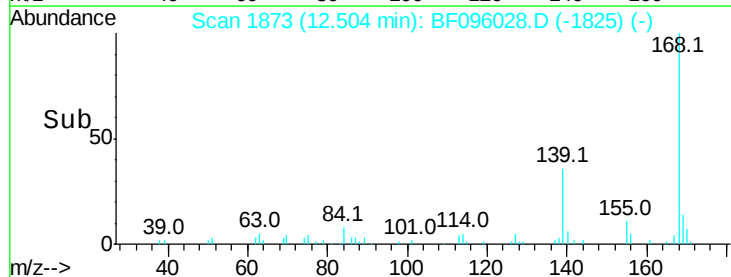
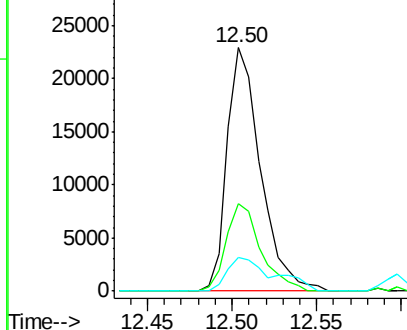


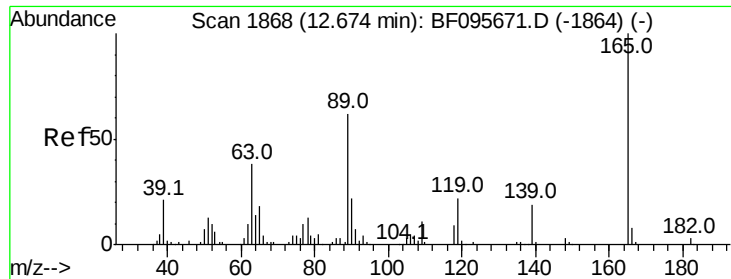
#54
Dibenzofuran
Concen: 3.76 ng
RT: 12.50 min Scan# 1873
Delta R.T. -0.02 min
Lab File: BF096028.D
Acq: 20 Jun 2017 5:13

Tgt Ion:168 Resp: 31676
Ion Ratio Lower Upper
168 100
139 36.2 30.6 45.8
169 14.1 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: 15.10 ng

RT: 12.50 min Scan# 1873

Delta R.T. -0.15 min

Lab File: BF096028.D

Acq: 20 Jun 2017 5:13

Instrument :

BNA_F

ClientSampled :

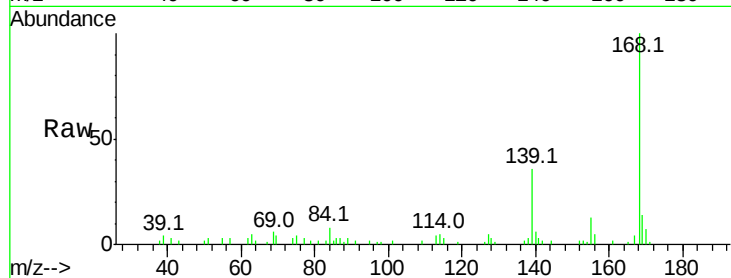
Tot Ion:139 Resp: 11787

Ion Ratio Lower Upper

139 100

109 6.0 34.1 74.1#

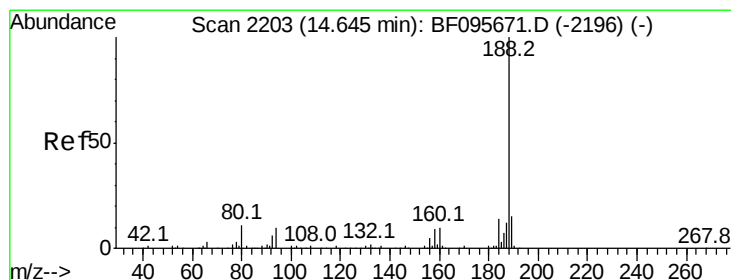
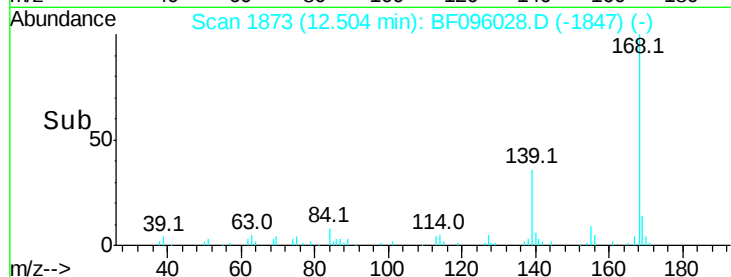
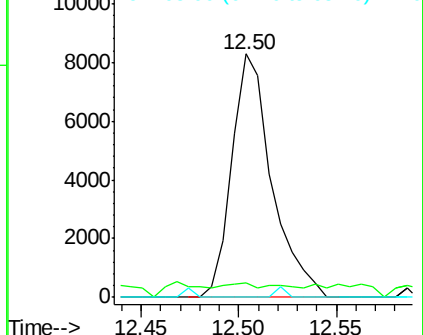
65 0.0 31.4 71.4#



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.55 min Scan# 2221

Delta R.T. -0.02 min

Lab File: BF096028.D

Acq: 20 Jun 2017 5:13

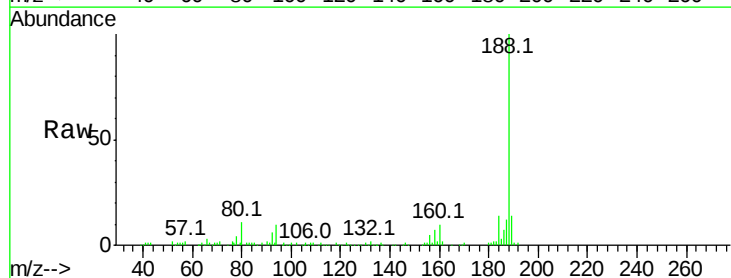
Tgt Ion:188 Resp: 143563

Ion Ratio Lower Upper

188 100

94 10.2 9.4 14.2

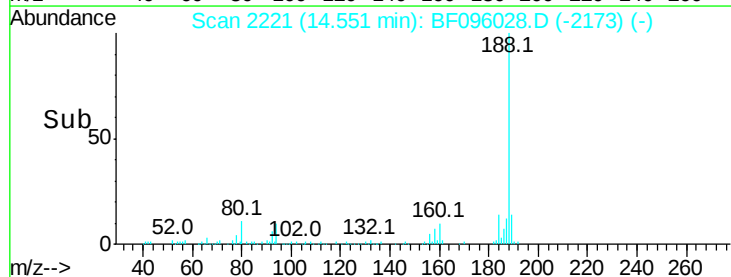
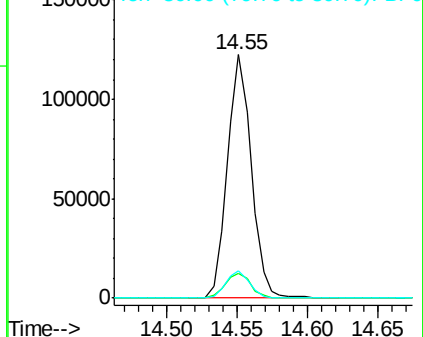
80 11.1 10.2 15.2

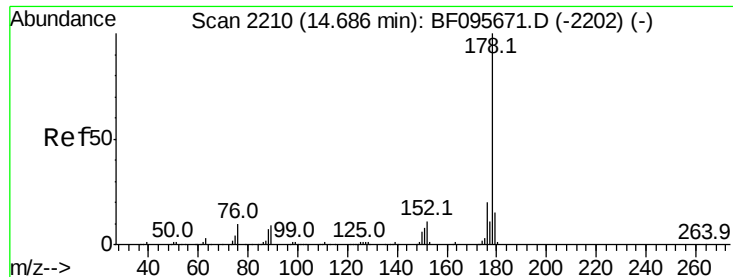


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

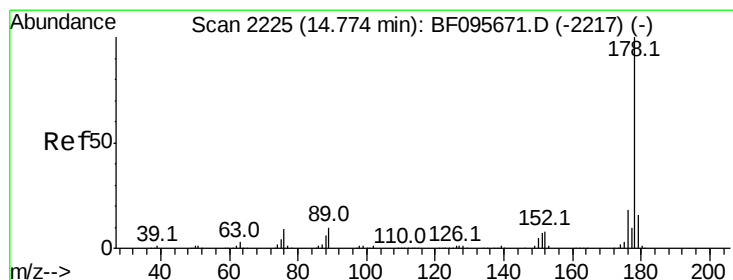
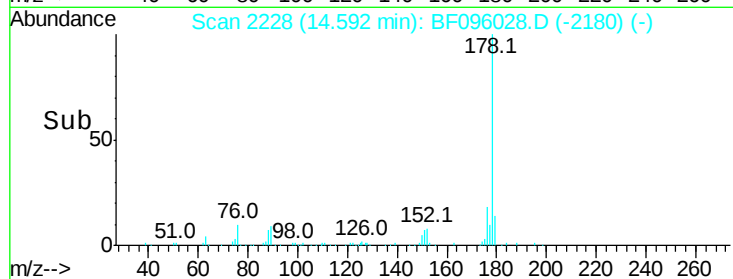
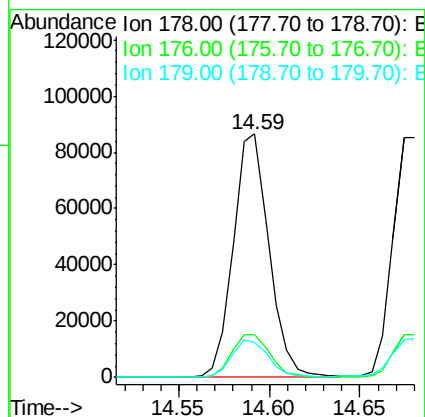
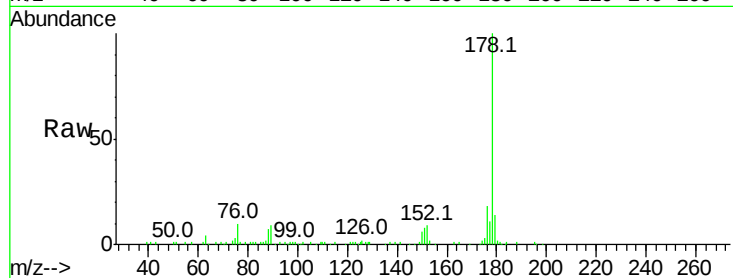




#70
Phenanthrene
Concen: 14.38 ng
RT: 14.59 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF096028.D
Acq: 20 Jun 2017 5:13

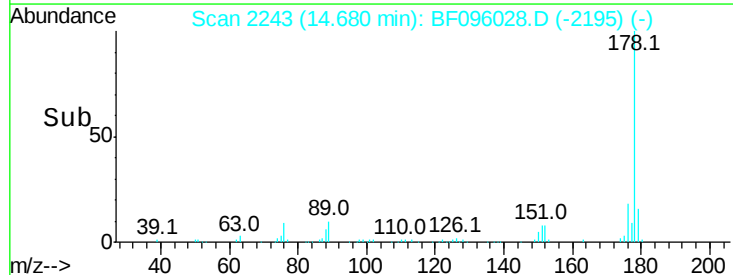
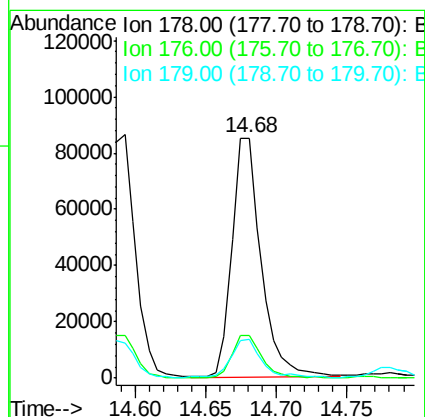
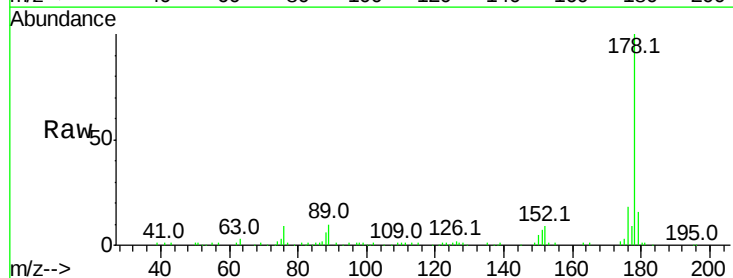
Instrument :
BNA_F
ClientSampleId :

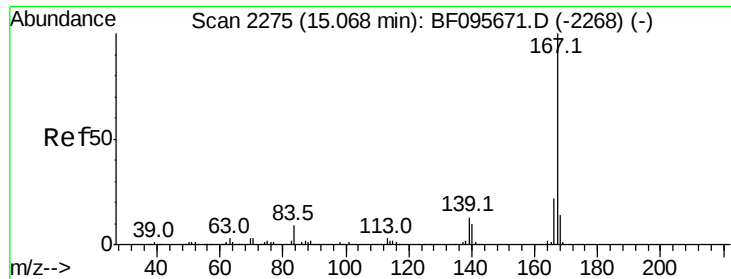
Tot Ion:178 Resp: 119098
Ion Ratio Lower Upper
178 100
176 17.6 16.2 24.4
179 14.3 12.6 19.0



#71
Anthracene
Concen: 14.09 ng
RT: 14.68 min Scan# 2243
Delta R.T. -0.02 min
Lab File: BF096028.D
Acq: 20 Jun 2017 5:13

Tgt Ion:178 Resp: 121850
Ion Ratio Lower Upper
178 100
176 17.7 15.8 23.8
179 16.2 12.7 19.1

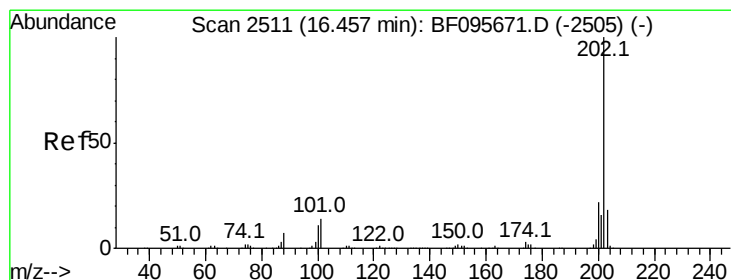
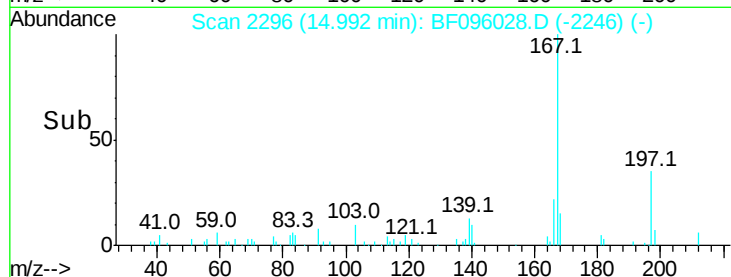
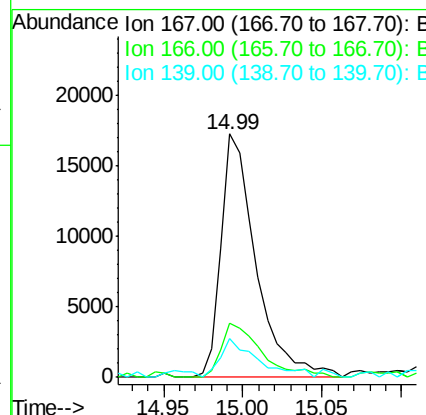
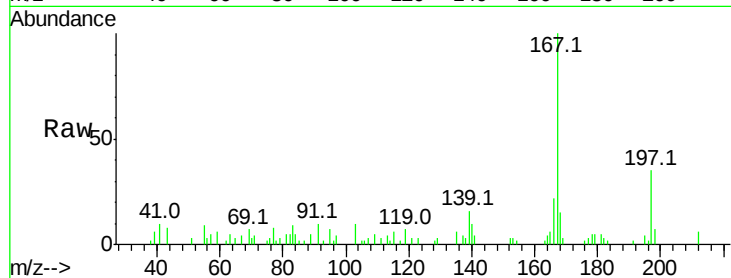




#72
 Carbazole
 Concen: 3.14 ng
 RT: 14.99 min Scan# 2296
 Delta R.T. -0.01 min
 Lab File: BF096028.D
 Acq: 20 Jun 2017 5:13

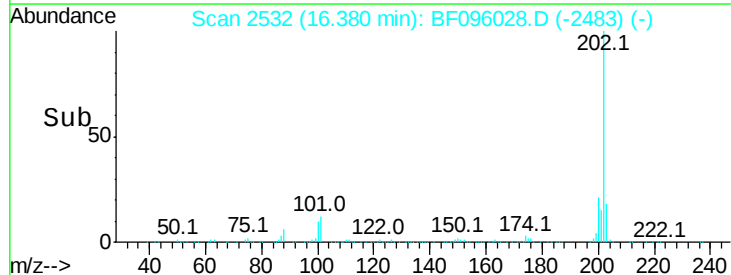
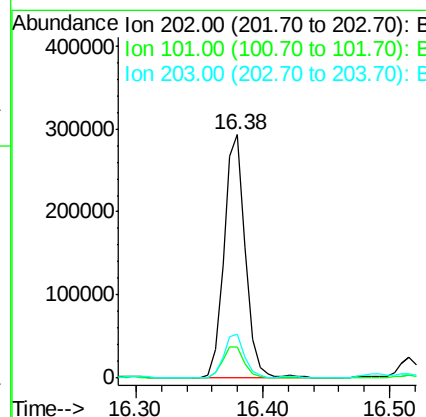
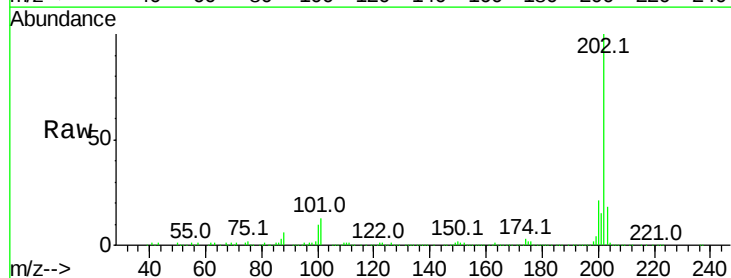
Instrument :
 BNA_F
 ClientSampleId :

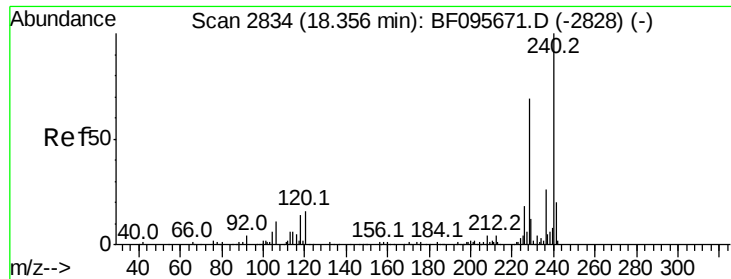
Tot Ion:167 Resp: 26432
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.1 27.1
 139 15.9 11.7 17.5



#74
 Fluoranthene
 Concen: 41.62 ng
 RT: 16.38 min Scan# 2532
 Delta R.T. -0.01 min
 Lab File: BF096028.D
 Acq: 20 Jun 2017 5:13

Tgt Ion:202 Resp: 341255
 Ion Ratio Lower Upper
 202 100
 101 12.6 0.0 33.2
 203 18.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.29 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BF096028.D

Acq: 20 Jun 2017 5:13

Instrument :

BNA_F

ClientSampleId :

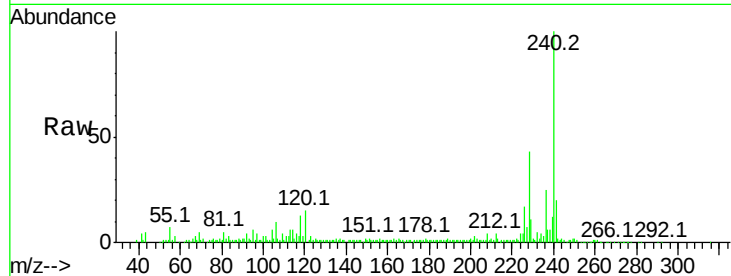
Tot Ion:240 Resp: 120026

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

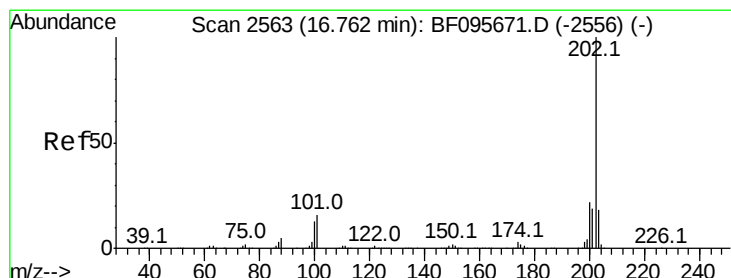
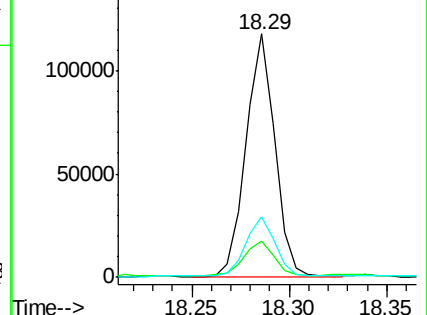
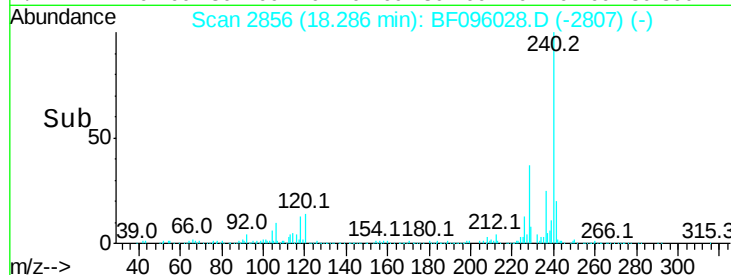
236 25.0 20.5 30.7



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: 37.85 ng

RT: 16.68 min Scan# 2583

Delta R.T. -0.02 min

Lab File: BF096028.D

Acq: 20 Jun 2017 5:13

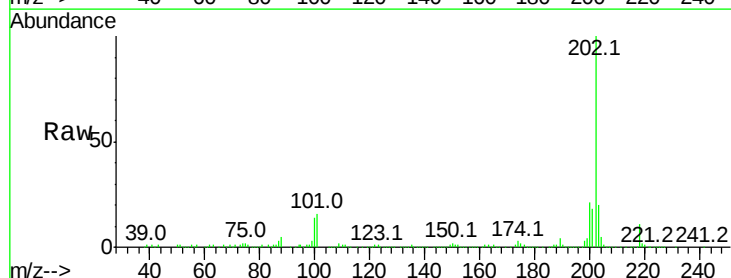
Tgt Ion:202 Resp: 338978

Ion Ratio Lower Upper

202 100

200 21.1 17.6 26.4

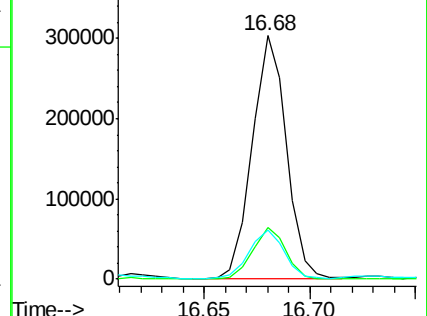
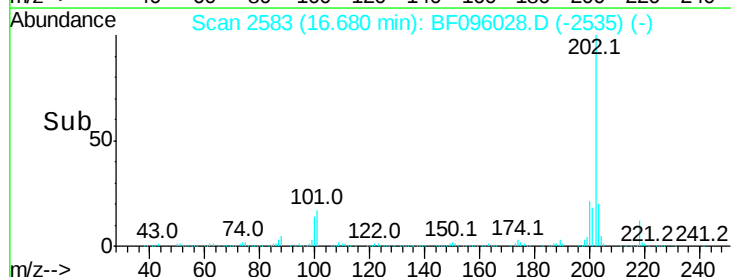
203 20.2 14.4 21.6

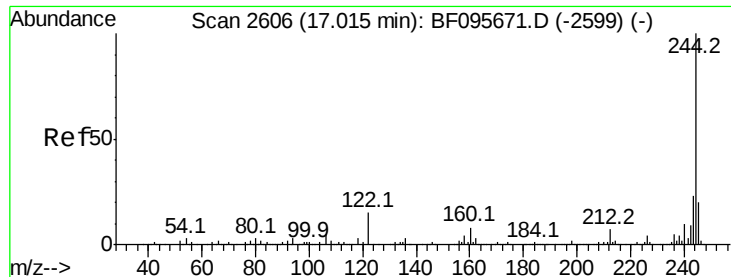


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 68.32 ng

RT: 16.93 min Scan# 2626

Delta R.T. -0.02 min

Lab File: BF096028.D

Acq: 20 Jun 2017 5:13

Instrument :

BNA_F

ClientSampleId :

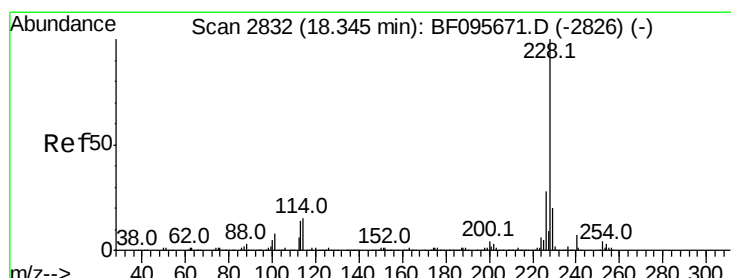
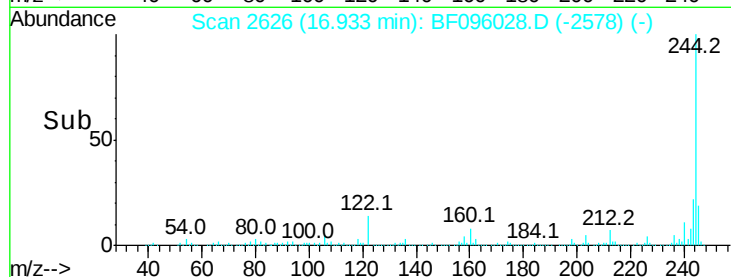
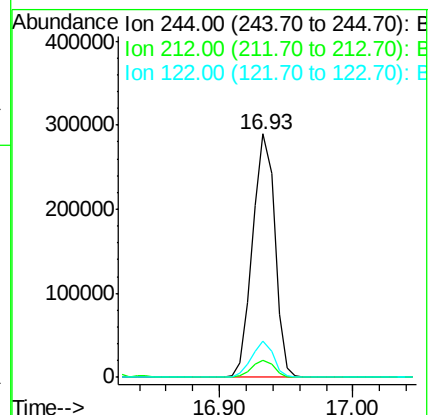
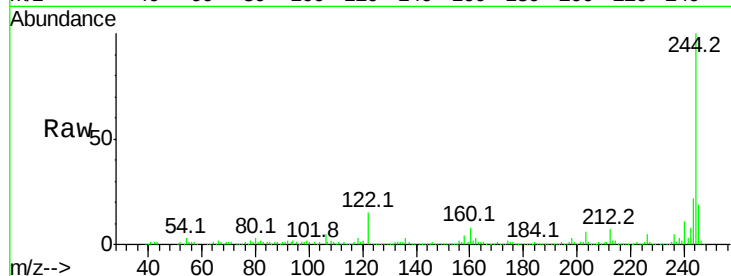
Tot Ion:244 Resp: 330401

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 14.6 10.3 15.5



#80

Benzo(a)anthracene

Concen: 33.03 ng

RT: 18.32 min Scan# 2861

Delta R.T. 0.03 min

Lab File: BF096028.D

Acq: 20 Jun 2017 5:13

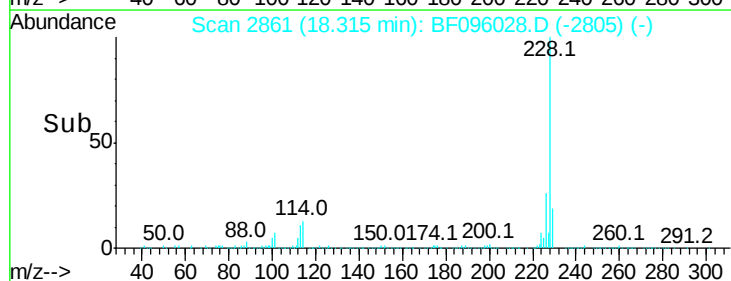
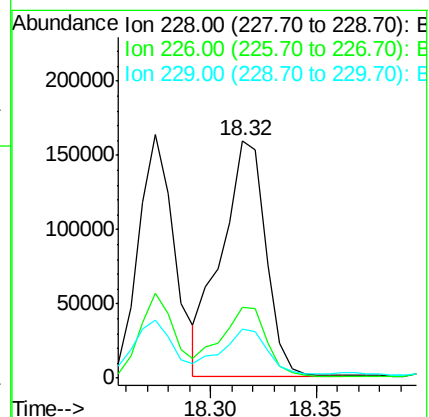
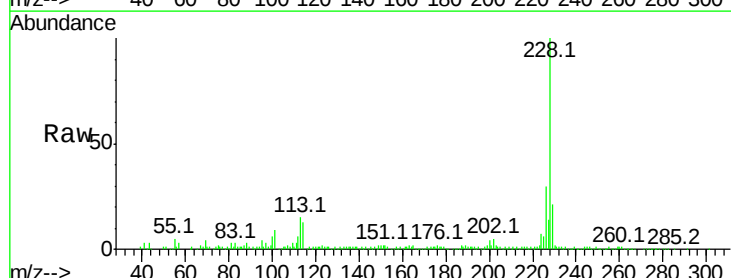
Tgt Ion:228 Resp: 230479

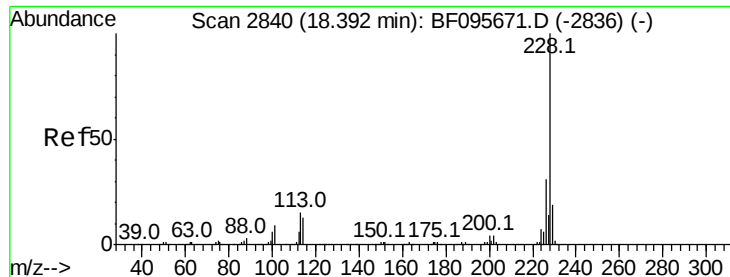
Ion Ratio Lower Upper

228 100

226 29.8 22.6 33.8

229 20.6 16.3 24.5





#82

Chrysene

Concen: 33.05 ng

RT: 18.32 min Scan# 2861

Delta R.T. -0.02 min

Lab File: BF096028.D

Acq: 20 Jun 2017 5:13

Instrument :

BNA_F

ClientSampleId :

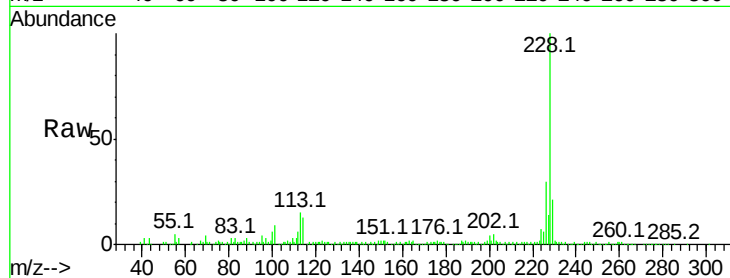
Tot Ion:228 Resp: 230479

Ion Ratio Lower Upper

228 100

226 29.8 24.9 37.3

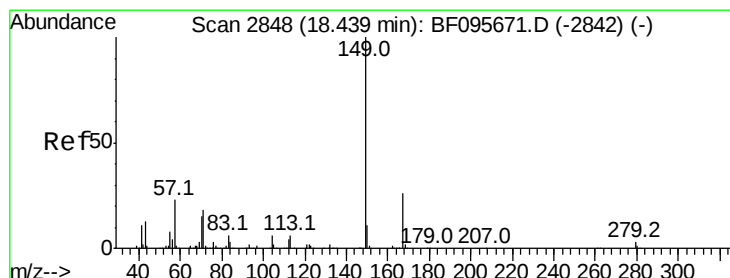
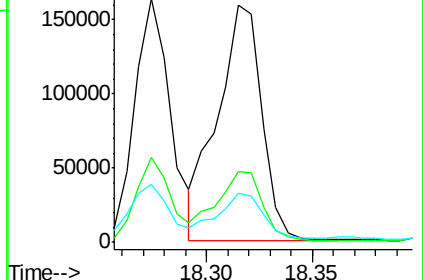
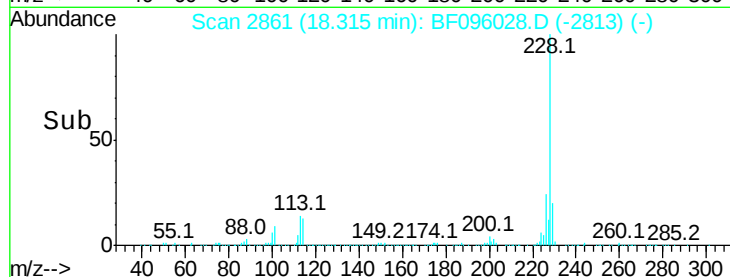
229 20.6 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.93 ng

RT: 18.36 min Scan# 2868

Delta R.T. -0.01 min

Lab File: BF096028.D

Acq: 20 Jun 2017 5:13

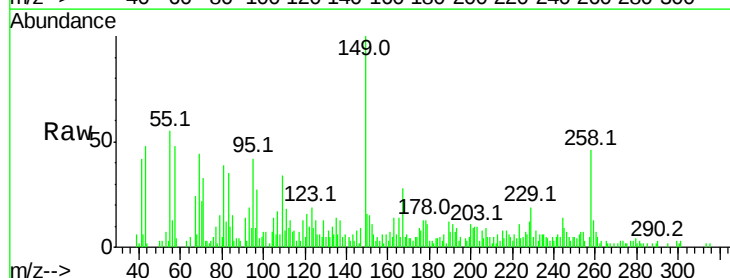
Tgt Ion:149 Resp: 16146

Ion Ratio Lower Upper

149 100

167 28.1 21.0 31.4

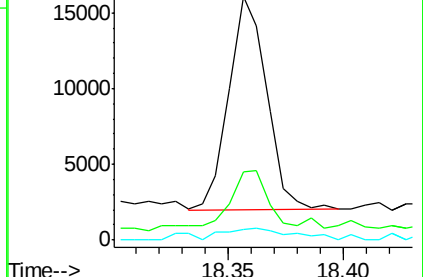
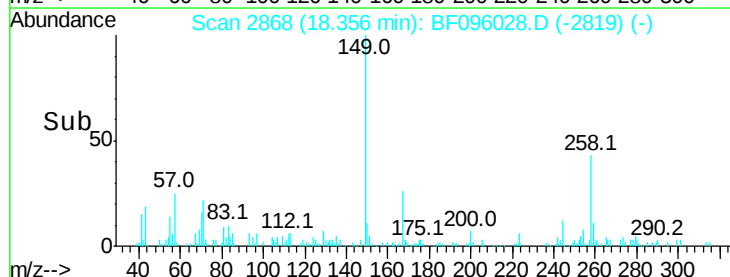
279 4.5 1.9 2.9#

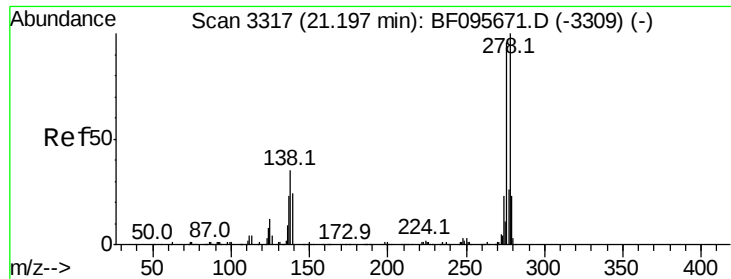


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

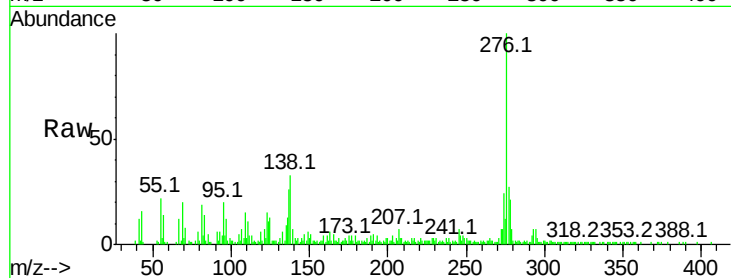




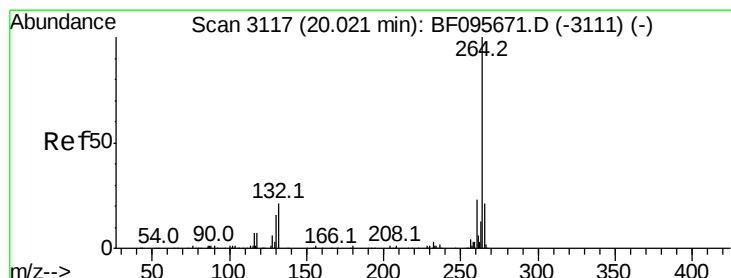
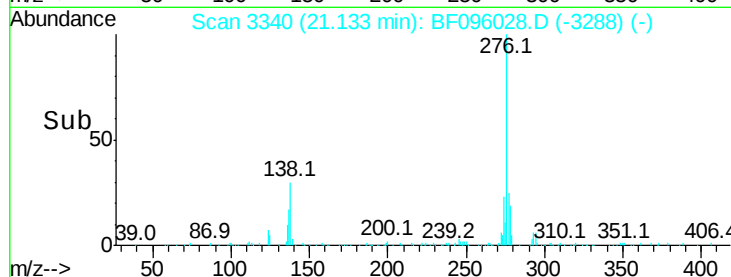
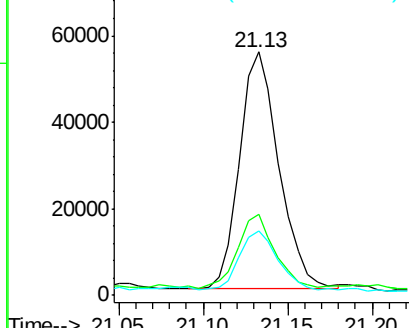
#85
Indeno(1,2,3-cd)pyrene
Concen: 14.90 ng
RT: 21.13 min Scan# 3340
Delta R.T. 0.01 min
Lab File: BF096028.D
Acq: 20 Jun 2017 5:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.9	27.8	41.6
277	26.9	20.2	30.4

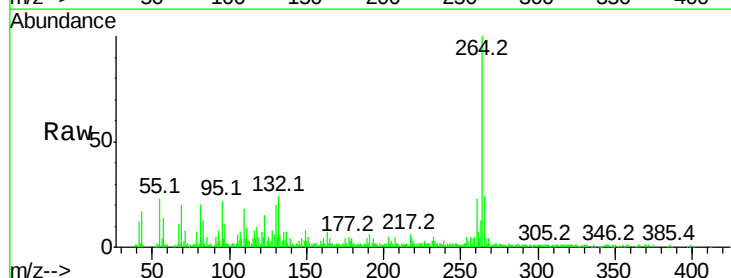


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

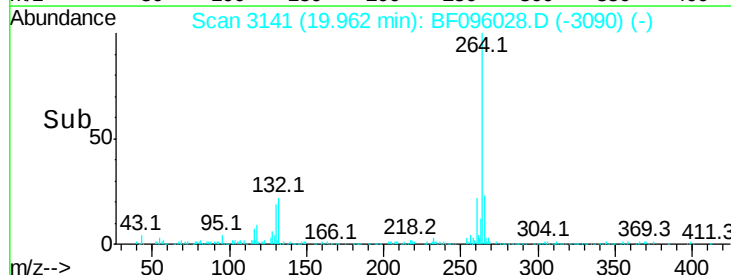
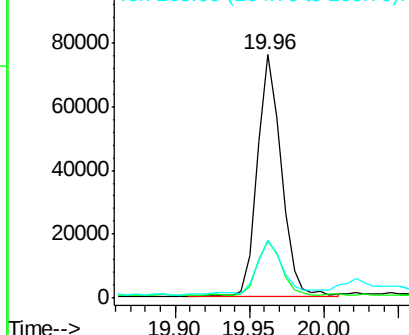


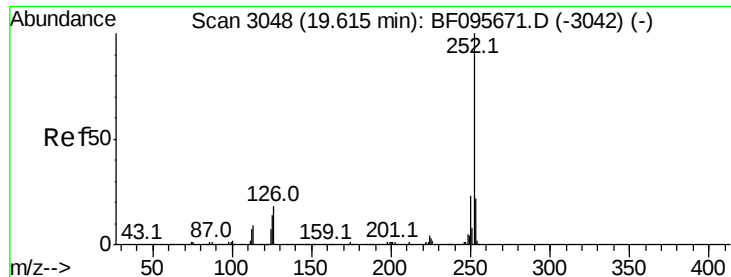
#86
Perylene-d12
Concen: 20.00 ng
RT: 19.96 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BF096028.D
Acq: 20 Jun 2017 5:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	23.6	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

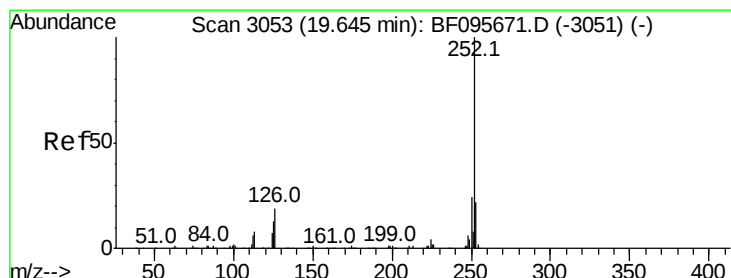
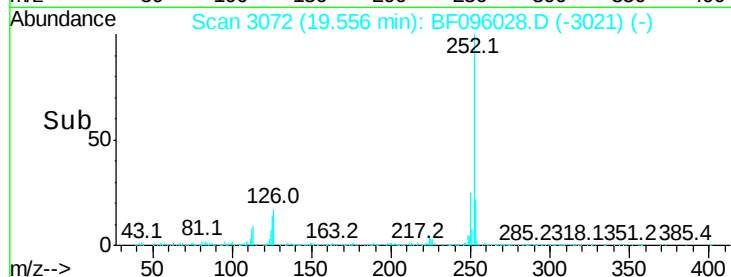
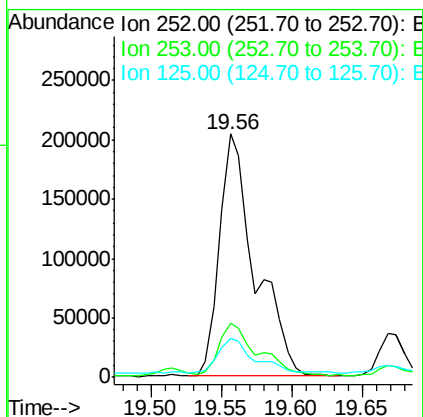
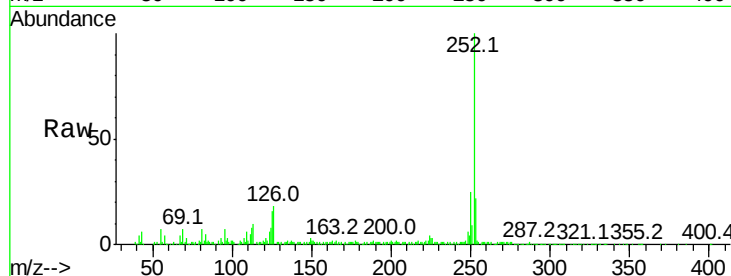




#87
Benzo(b)fluoranthene
Concen: 69.33 ng
RT: 19.56 min Scan# 3072
Delta R.T. 0.00 min
Lab File: BF096028.D
Acq: 20 Jun 2017 5:13

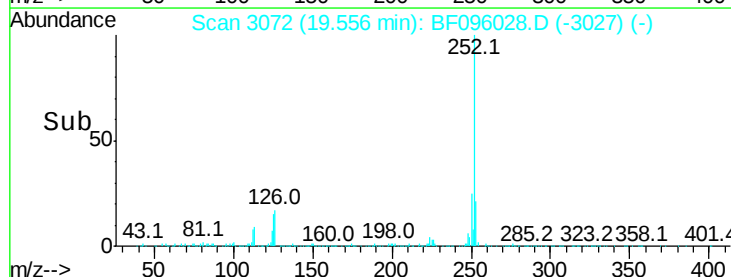
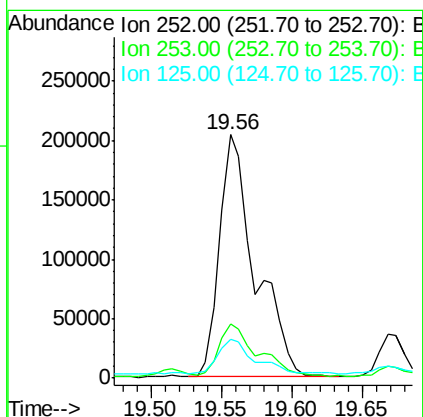
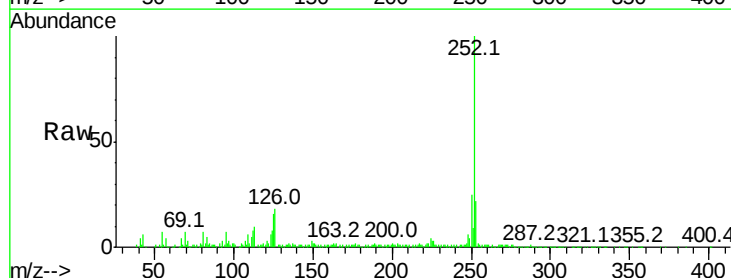
Instrument :
BNA_F
ClientSampled :

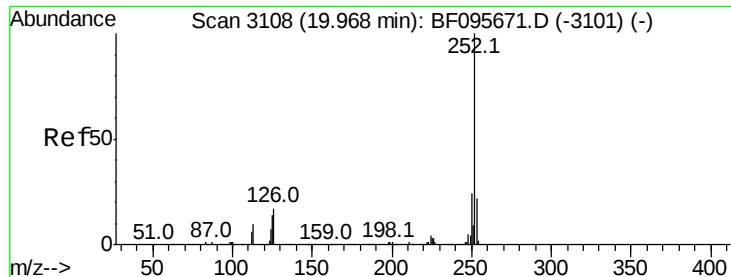
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	16.0	9.8	14.8



#88
Benzo(k)fluoranthene
Concen: 72.53 ng
RT: 19.56 min Scan# 3072
Delta R.T. -0.04 min
Lab File: BF096028.D
Acq: 20 Jun 2017 5:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	16.0	13.1	19.7





#89

Benzo(a)pyrene

Concen: 25.96 ng

RT: 19.91 min Scan# 3132

Delta R.T. 0.00 min

Lab File: BF096028.D

Acq: 20 Jun 2017 5:13

Instrument :

BNA_F

ClientSampleId :

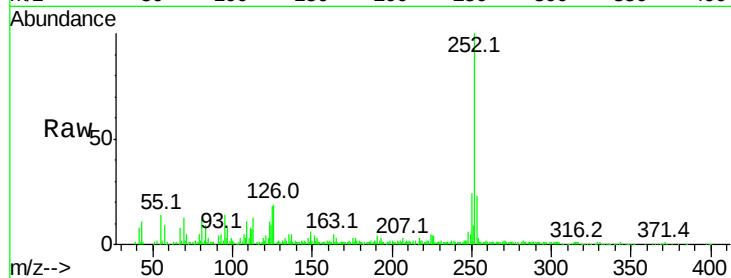
Tot Ion:252 Resp: 123974

Ion Ratio Lower Upper

252 100

253 22.9 17.5 26.3

125 17.6 11.0 16.4#



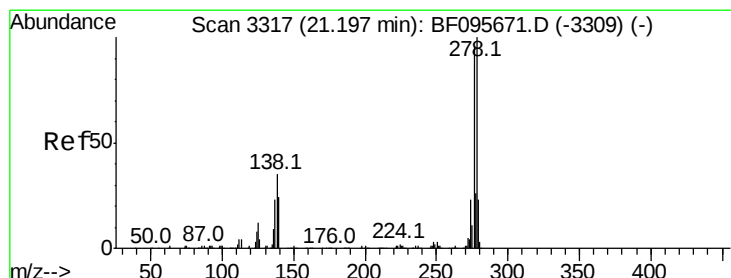
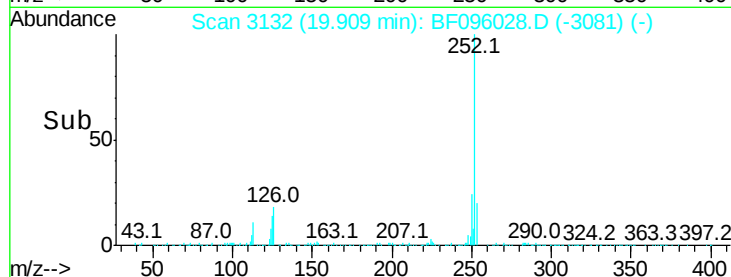
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

19.91

Time-->



#90

Dibenzo(a,h)anthracene

Concen: 8.66 ng

RT: 21.13 min Scan# 3339

Delta R.T. 0.00 min

Lab File: BF096028.D

Acq: 20 Jun 2017 5:13

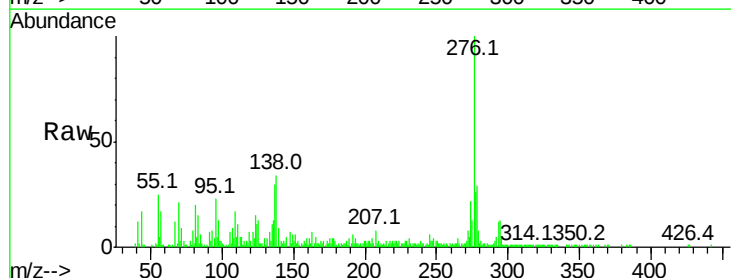
Tgt Ion:278 Resp: 35074

Ion Ratio Lower Upper

278 100

139 31.1 16.6 24.8#

279 26.1 19.3 28.9



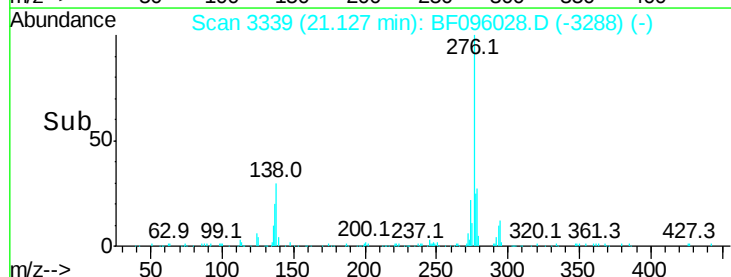
Abundance Ion 278.00 (277.70 to 278.70): E

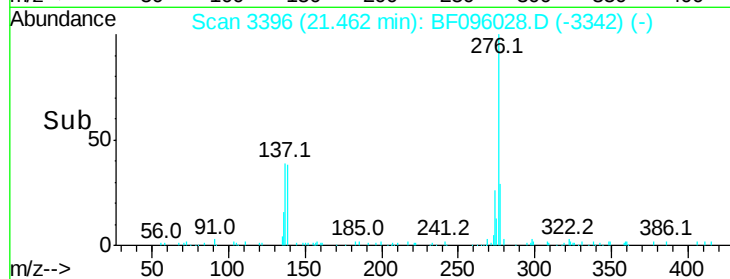
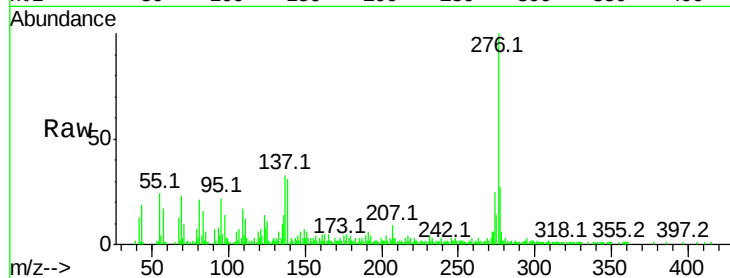
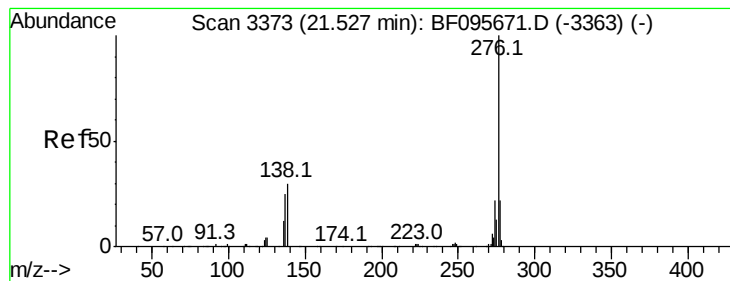
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

21.13

Time-->





#91

Benzo(a,h,i)perylene

Concen: 19.38 ng

RT: 21.46 min Scan# 3396

Delta R.T. 0.02 min

Lab File: BF096028.D

Acq: 20 Jun 2017 5:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 80032

Ion Ratio Lower Upper

276 100

277 27.1 18.6 28.0

138 31.5 25.4 38.0

