

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062717\
 Data File : BF096219.D
 Acq On : 27 Jun 2017 16:39
 Operator : SJ/MA
 Sample : I3920-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 27 17:33:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 27 15:17:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	190152	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	810433	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	326554	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	415356	20.00	ng	0.01
75) Chrysene-d12	13.94	240	227319	20.00	ng	0.02
86) Perylene-d12	15.36	264	295369	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	1193398	90.42	ng	0.01
7) Phenol-d6	6.40	99	1454784	91.03	ng	0.01
23) Nitrobenzene-d5	7.33	82	857091	73.21	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	185378	72.13	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1223548	68.62	ng	-0.02
78) Terphenyl-d14	12.87	244	643690	70.66	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.32	77	2034	Below Cal	#	68
10) Phenol	6.42	94	41059	2.34	ng	90
19) n-Nitroso-di-n-propylamine	7.33	70	114757	11.99	ng	87
25) Isophorone	7.33	82	855858	32.19	ng	67
31) Naphthalene	8.09	128	2507223	64.19	ng	99
32) Benzoic acid	7.90	122	3159	9.09	ng	21
33) 4-Chloroaniline	8.09	127	340741	21.07	ng	34
37) 2-Methylnaphthalene	8.77	142	858737	33.84	ng	99
45) 1,1'-Biphenyl	9.23	154	290646	11.60	ng	95
48) Acenaphthylene	9.67	152	403258	11.69	ng	98
49) Dimethylphthalate	9.53	163	271510	11.62	ng	98
51) Acenaphthene	9.85	154	920162	45.34	ng	99
53) 2,4-Dinitrophenol	10.05	184	292	7.72	ng	1
54) Dibenzofuran	10.02	168	1444651	54.51	ng	95
55) 4-Nitrophenol	10.02	139	582670	115.75	ng	28
57) Fluorene	10.36	166	1293790	70.89	ng	98
64) 4,6-Dinitro-2-methylphenol	10.53	198	110	8.79	ng	1
66) 4-Bromophenyl-phenylether	10.59	248	12330	2.88	ng	1
70) Phenanthrene	11.34	178	6217591	350.61	ng	100
71) Anthracene	11.38	178	2398189	103.32	ng	99
72) Carbazole	11.52	167	1245895	48.62	ng	99
74) Fluoranthene	12.53	202	5473662	237.23	ng	100
77) Pyrene	12.76	202	4528730	242.42	ng	98
80) Benzo(a)anthracene	13.93	228	2812305	202.95	ng	98
82) Chrysene	13.93	228	2812305	196.23	ng	97
83) Bis(2-ethylhexyl)phthalate	13.92	149	20548	2.21	ng	84
85) Indeno(1,2,3-cd)pyrene	16.77	276	1296357	108.97	ng	96
87) Benzo(b)fluoranthene	14.97	252	3828347	197.30	ng	95
88) Benzo(k)fluoranthene	14.97	252	3828347	216.12	ng	98
89) Benzo(a)pyrene	15.32	252	2159835	126.03	ng	97
90) Dibenzo(a,h)anthracene	16.93	278	302420	22.54	ng	95
91) Benzo(a,h,i)perylene	17.20	276	1233075	88.40	ng	99

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Response via : Initial Calibration

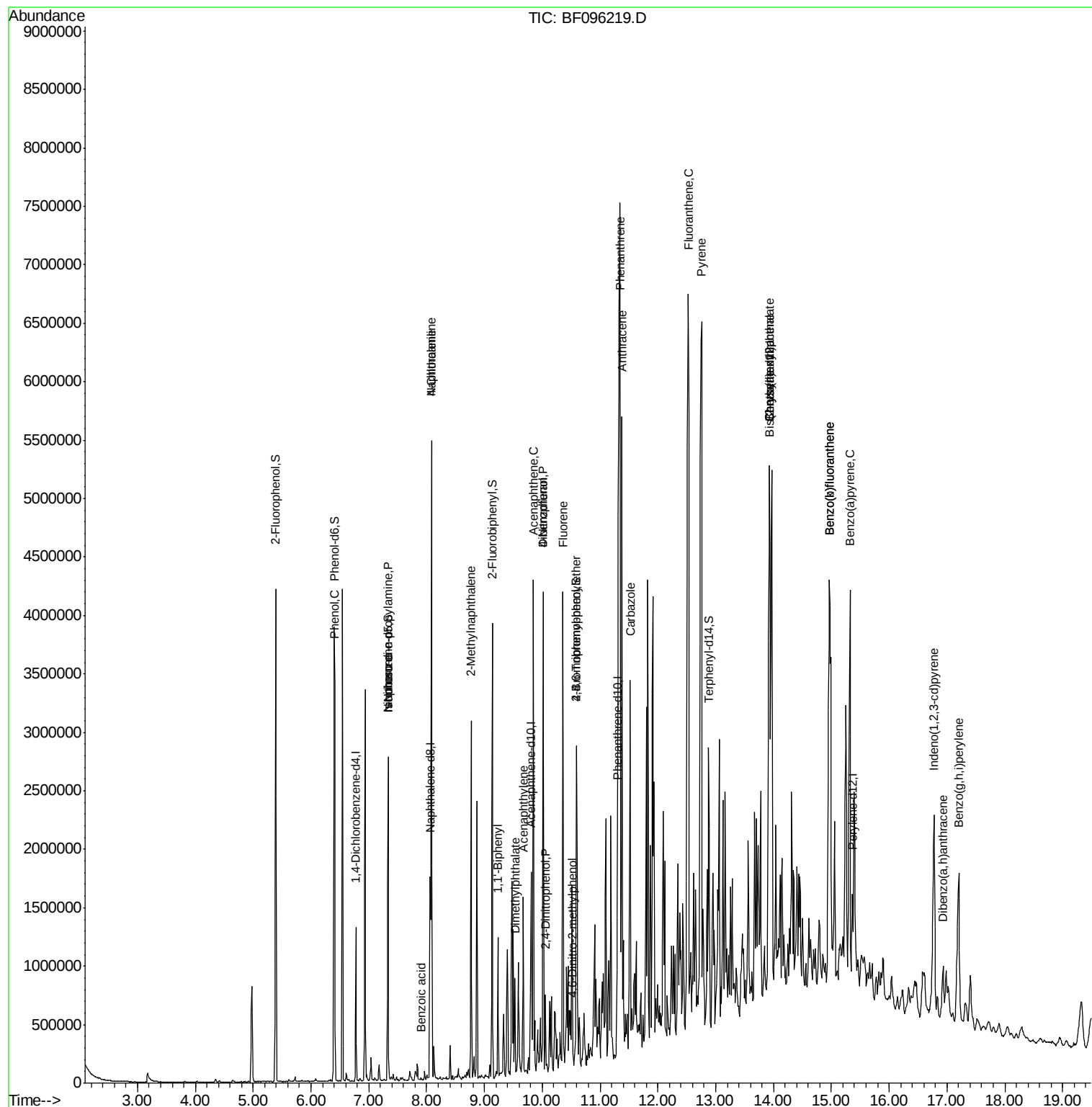
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

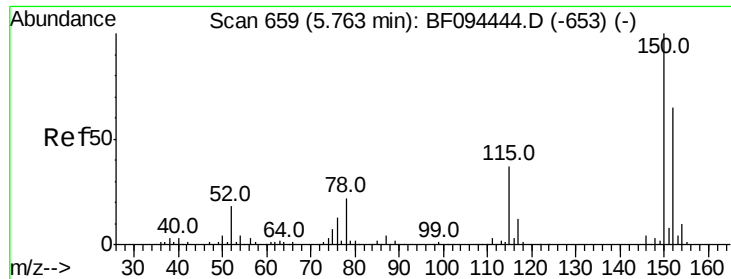
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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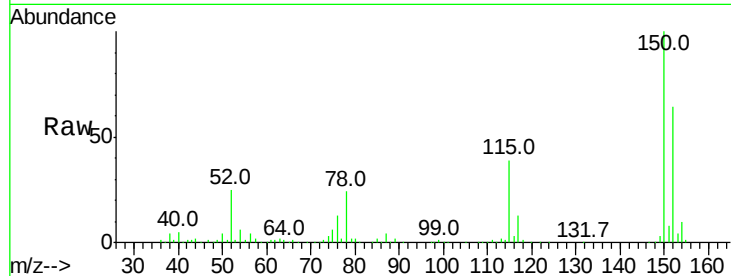


#1

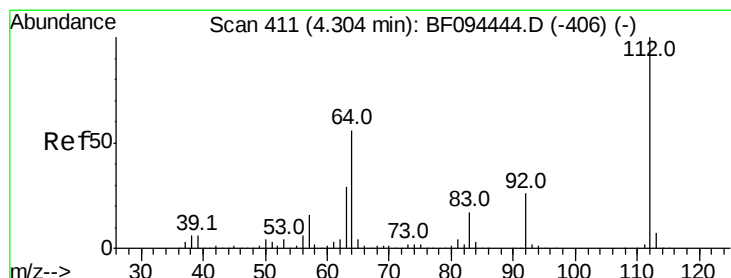
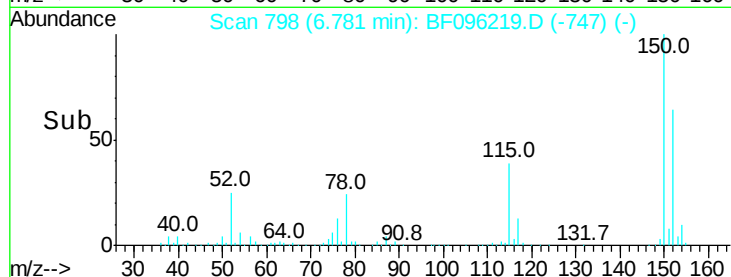
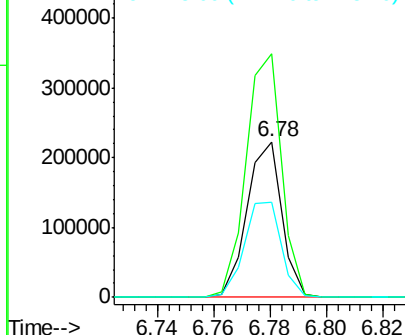
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF096219.D
Acq: 27 Jun 2017 16:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 190152
Ion Ratio Lower Upper
152 100
150 156.3 126.2 189.2
115 61.4 52.2 78.2



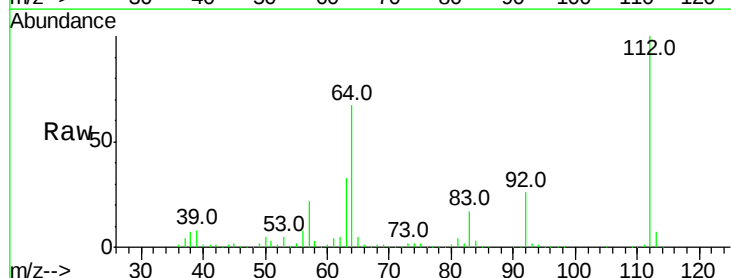
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



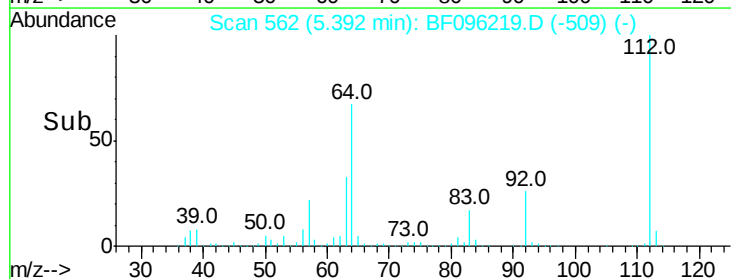
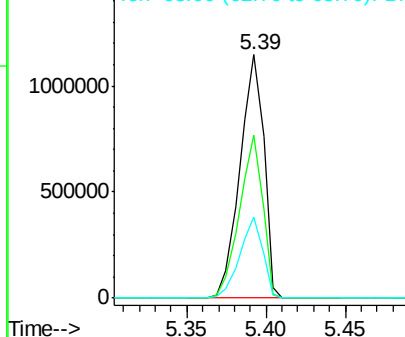
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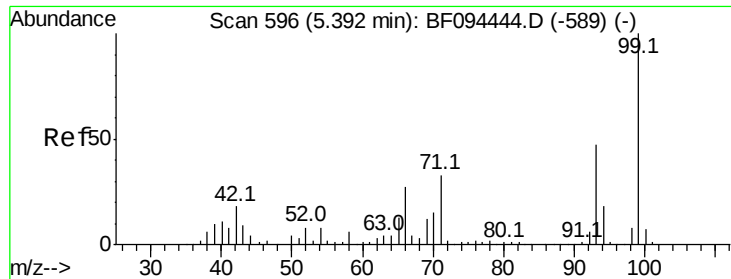
2-Fluorophenol
Concen: 90.42 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF096219.D
Acq: 27 Jun 2017 16:39

Tgt Ion:112 Resp: 1193398
Ion Ratio Lower Upper
112 100
64 67.0 46.0 69.0
63 33.5 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: 91.03 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF096219.D

Acq: 27 Jun 2017 16:39

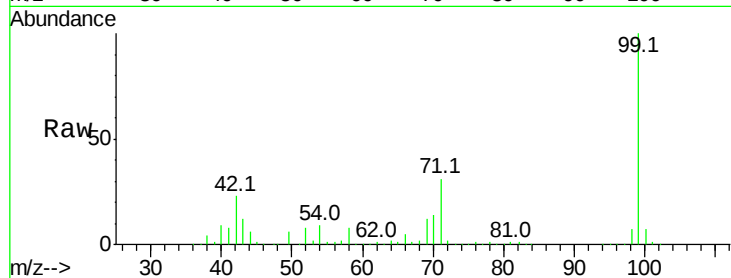
Instrument :

BNA_F

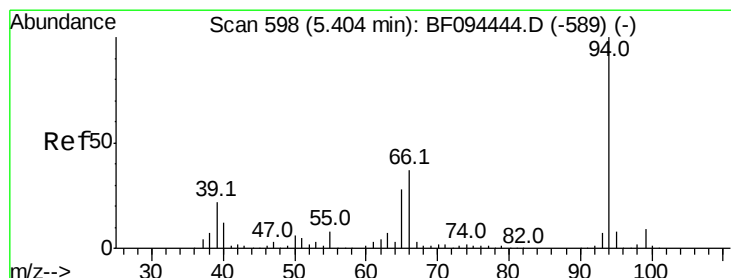
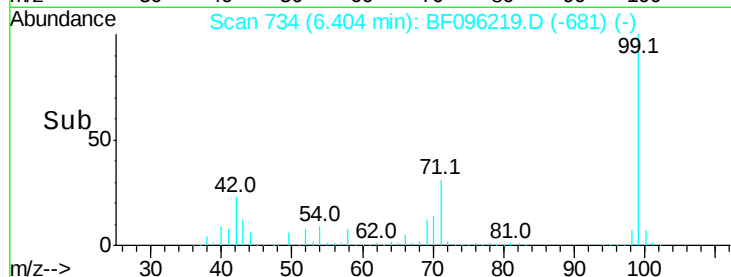
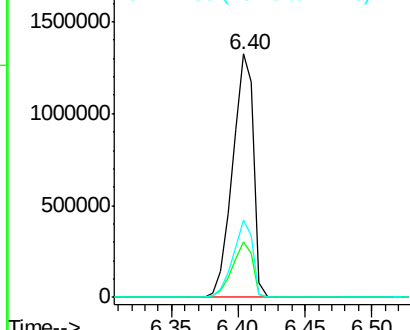
ClientSampleId :

Tot Ion: 99 Resp: 1454784

Ion	Ratio	Lower	Upper
99	100		
42	22.8	13.5	20.3#
71	31.5	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



#10

Phenol

Concen: 2.34 ng

RT: 6.42 min Scan# 736

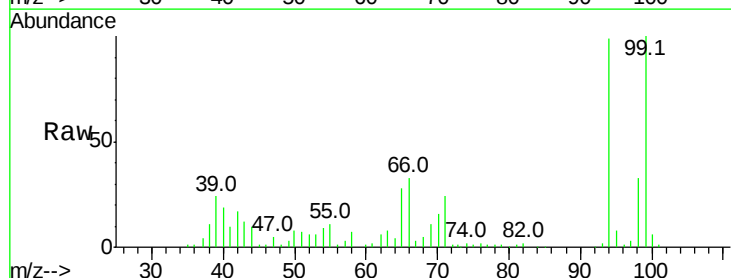
Delta R.T. 0.01 min

Lab File: BF096219.D

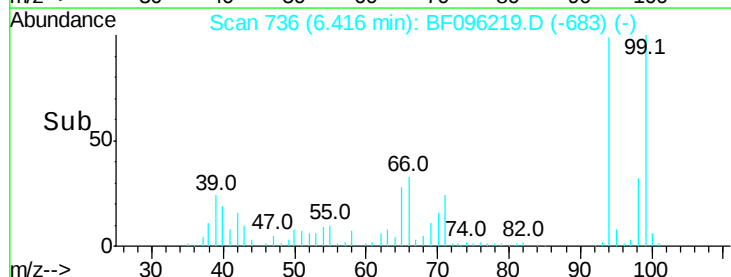
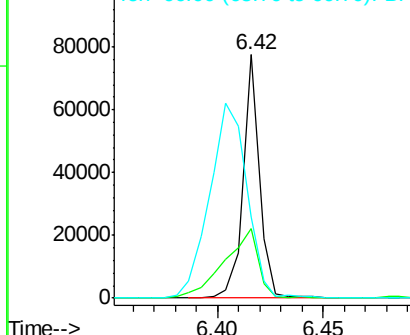
Acq: 27 Jun 2017 16:39

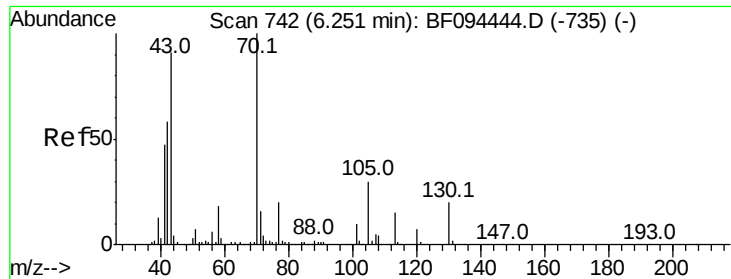
Tgt Ion: 94 Resp: 41059

Ion	Ratio	Lower	Upper
94	100		
65	28.3	9.9	49.9
66	33.4	23.1	63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

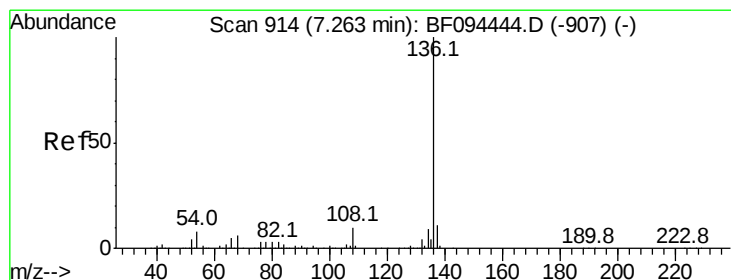
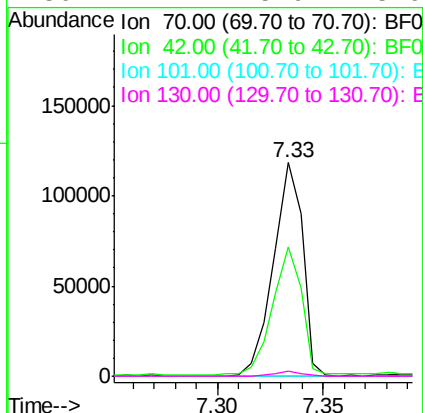
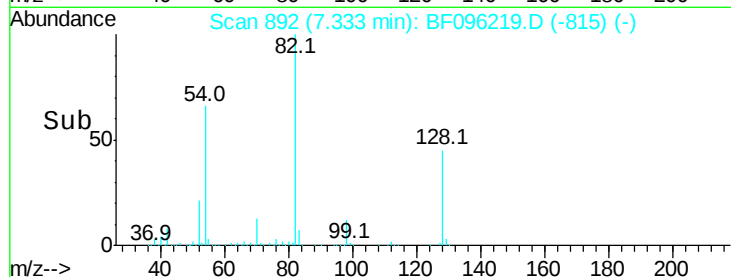
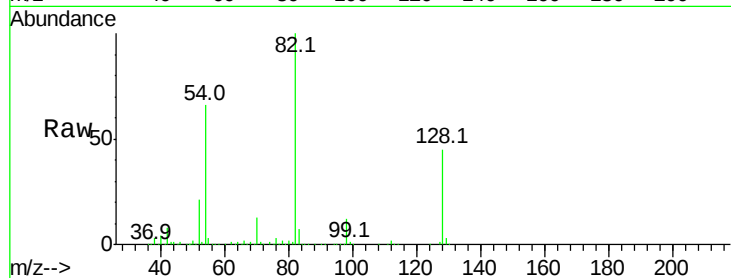




#19
 n-Nitroso-di-n-propylamine
 Concen: 11.99 ng
 RT: 7.33 min Scan# 892
 Delta R.T. 0.15 min
 Lab File: BF096219.D
 Acq: 27 Jun 2017 16:39

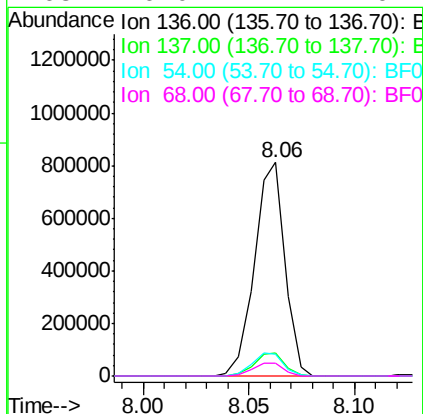
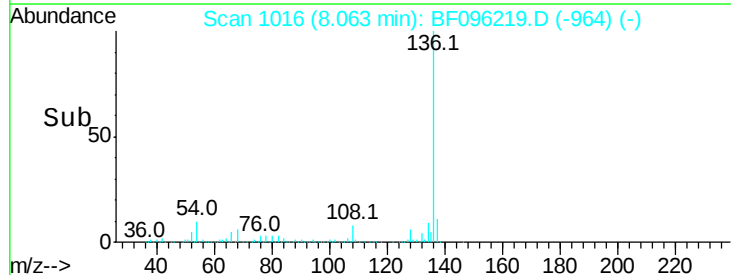
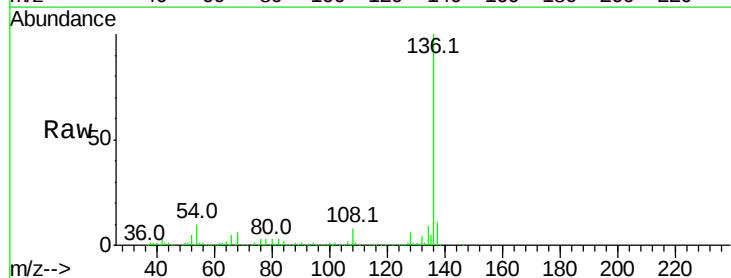
Instrument :
 BNA_F
 ClientSampleId :

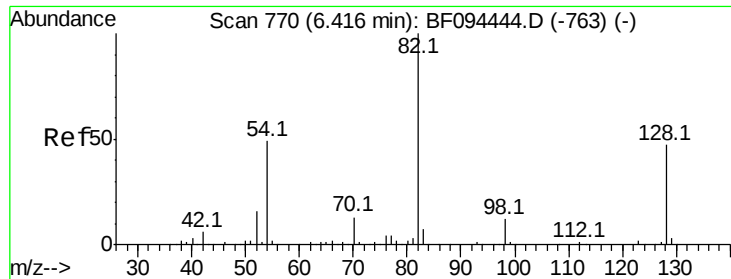
Tot Ion: 70 Resp: 114757
 Ion Ratio Lower Upper
 70 100
 42 60.4 47.2 70.8
 101 0.0 7.2 10.8#
 130 2.1 15.9 23.9#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. 0.01 min
 Lab File: BF096219.D
 Acq: 27 Jun 2017 16:39

Tgt Ion: 136 Resp: 810433
 Ion Ratio Lower Upper
 136 100
 137 10.6 8.5 12.7
 54 9.9 4.9 7.3#
 68 6.0 4.1 6.1

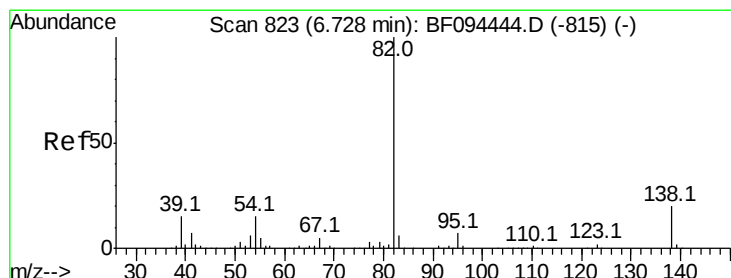
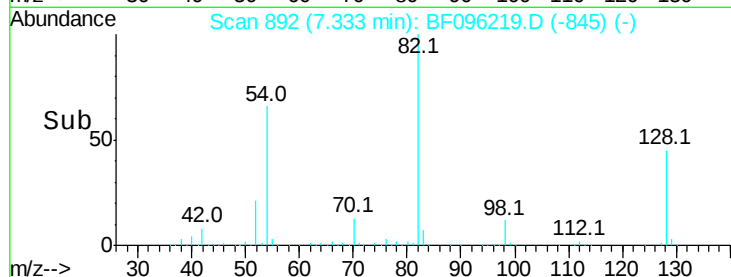
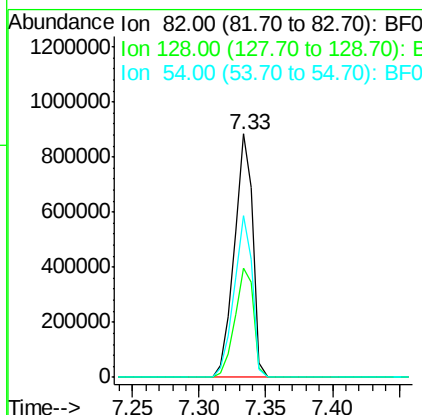
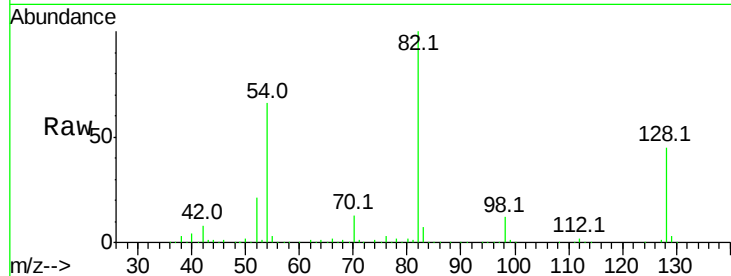




#23
 Nitrobenzene-d5
 Concen: 73.21 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.02 min
 Lab File: BF096219.D
 Acq: 27 Jun 2017 16:39

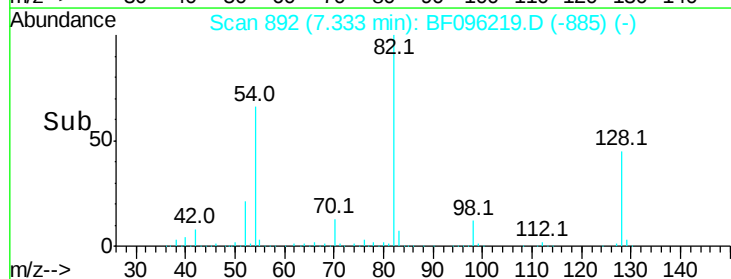
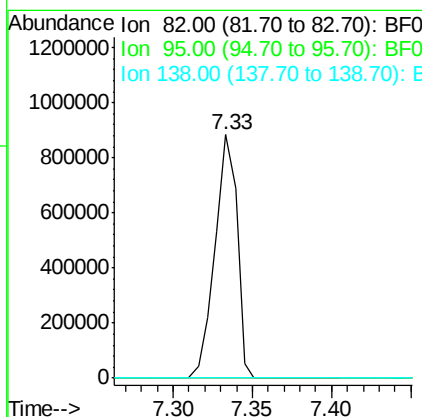
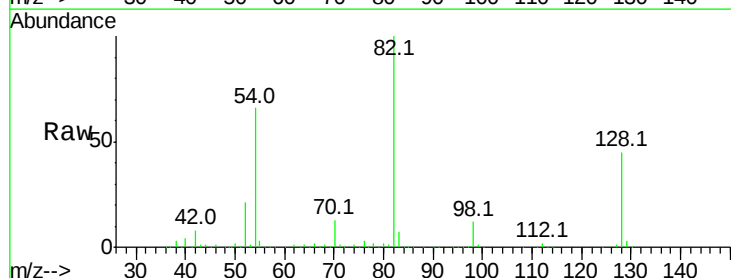
Instrument :
 BNA_F
 ClientSampled :

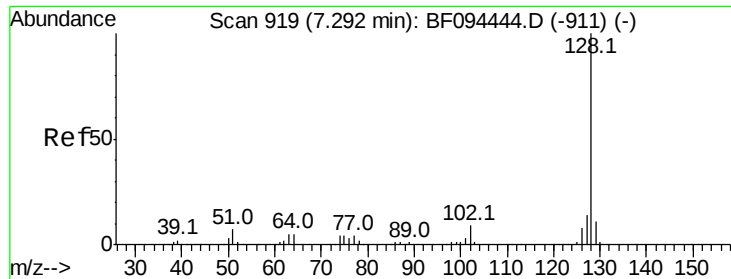
Tot Ion: 82 Resp: 857091
 Ion Ratio Lower Upper
 82 100
 128 44.8 34.0 51.0
 54 66.2 42.2 63.2#



#25
 Isophorone
 Concen: 32.19 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.26 min
 Lab File: BF096219.D
 Acq: 27 Jun 2017 16:39

Tgt Ion: 82 Resp: 855858
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.3 7.9#
 138 0.0 13.1 19.7#

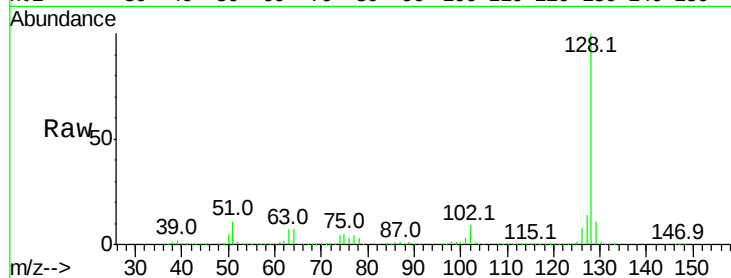




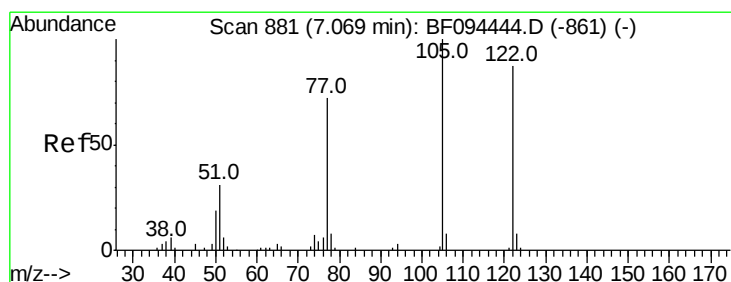
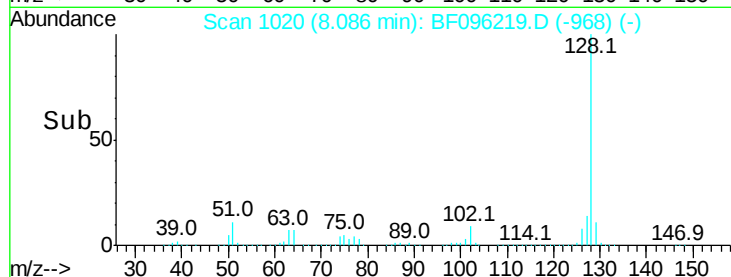
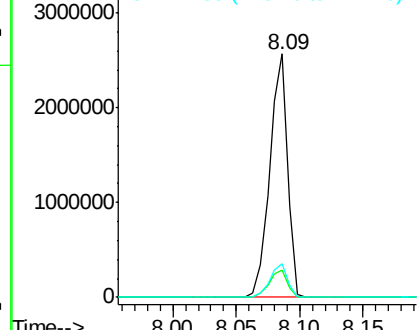
#31
Naphthalene
Concen: 64.19 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF096219.D
Acq: 27 Jun 2017 16:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 2507223
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.9 10.8 16.2

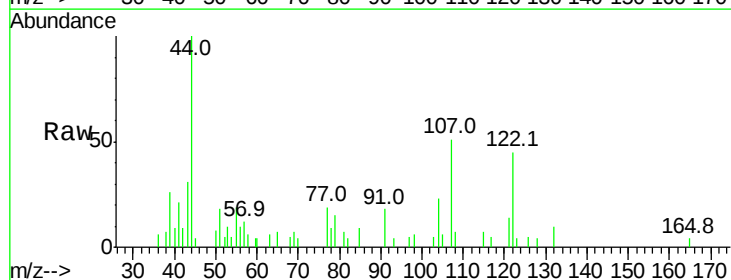


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

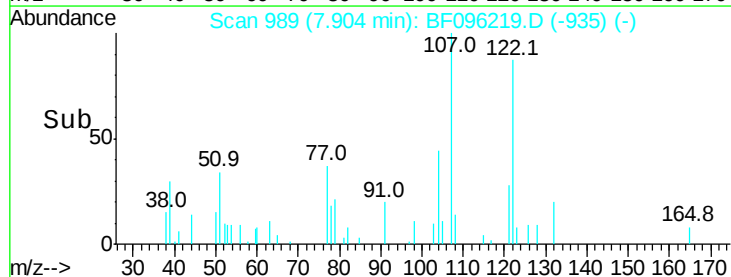
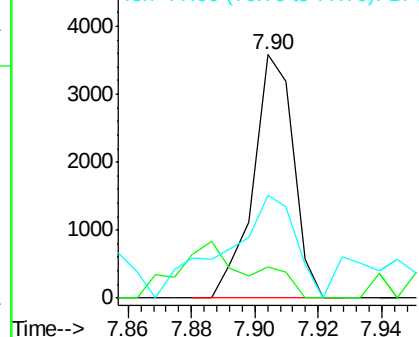


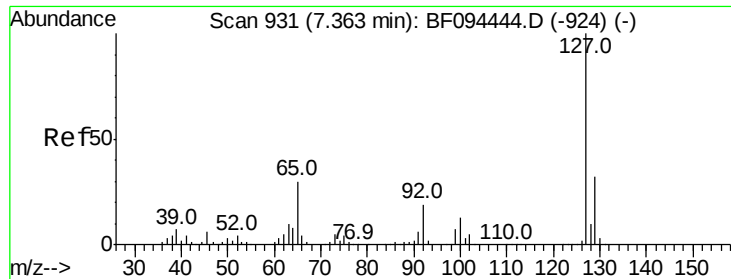
#32
Benzoic acid
Concen: 9.09 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.02 min
Lab File: BF096219.D
Acq: 27 Jun 2017 16:39

Tgt Ion:122 Resp: 3159
Ion Ratio Lower Upper
122 100
105 13.0 103.3 143.3#
77 42.1 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

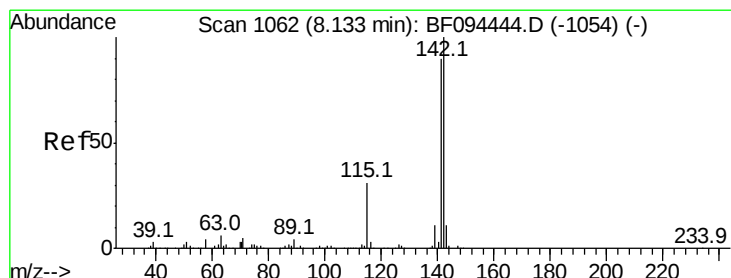
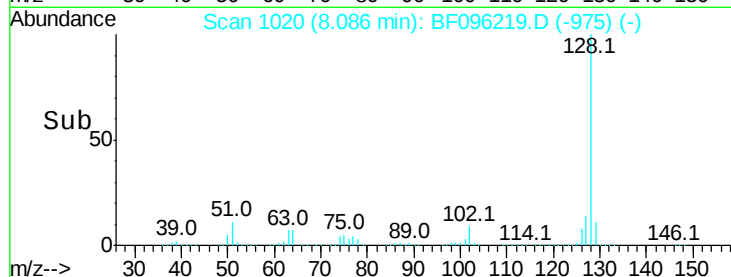
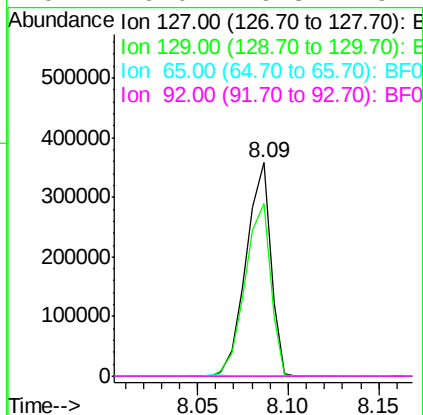
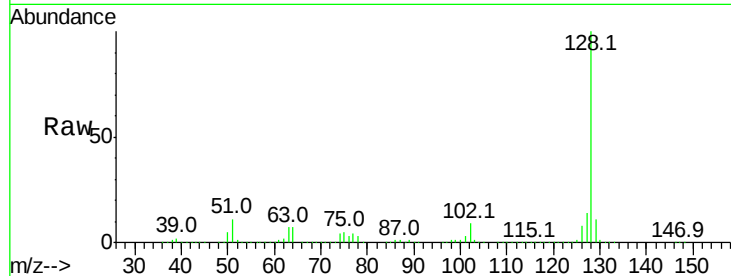




#33
 4-Chloroaniline
 Concen: 21.07 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.04 min
 Lab File: BF096219.D
 Acq: 27 Jun 2017 16:39

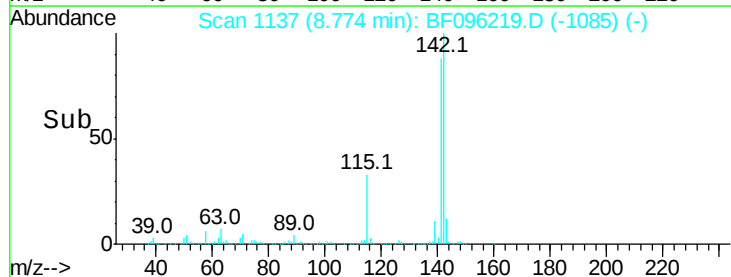
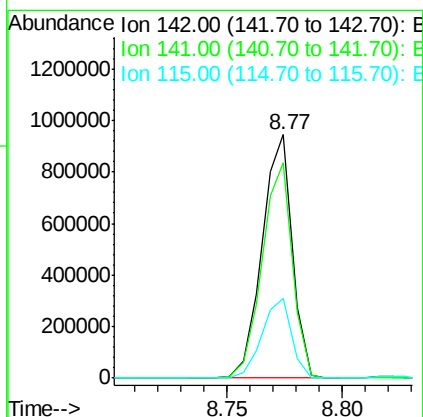
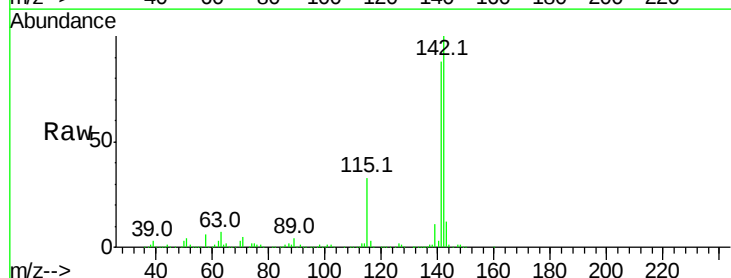
Instrument :
 BNA_F
 ClientSampled :

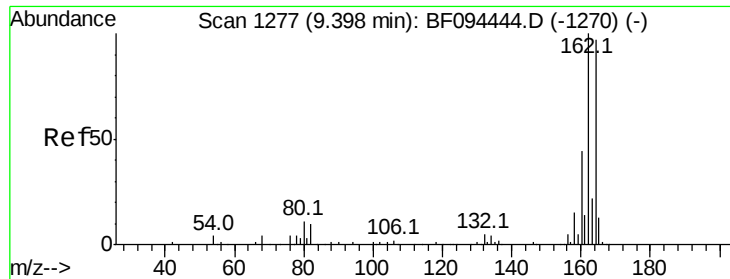
Tot Ion:127	Resp:	340741
Ion Ratio	Lower	Upper
127	100	
129	80.8	26.2 39.2#
65	0.0	27.8 41.8#
92	0.0	16.8 25.2#



#37
 2-Methylnaphthalene
 Concen: 33.84 ng
 RT: 8.77 min Scan# 1137
 Delta R.T. 0.01 min
 Lab File: BF096219.D
 Acq: 27 Jun 2017 16:39

Tgt Ion:142	Resp:	858737
Ion Ratio	Lower	Upper
142	100	
141	88.3	71.3 106.9
115	32.6	27.1 40.7

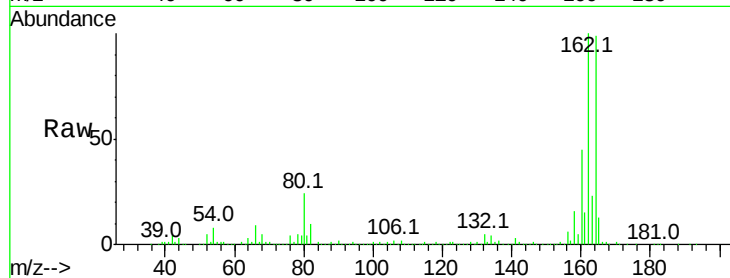




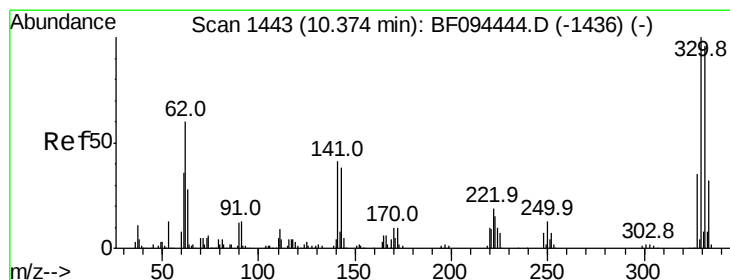
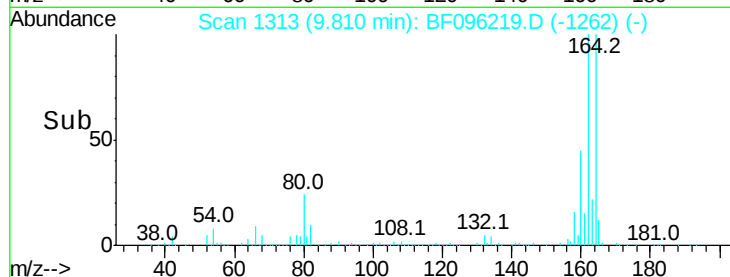
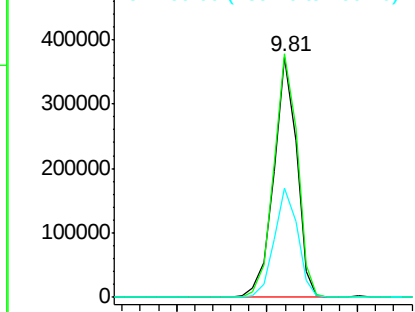
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF096219.D
Acq: 27 Jun 2017 16:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 326554
Ion Ratio Lower Upper
164 100
162 101.5 82.6 123.8
160 45.3 36.2 54.2

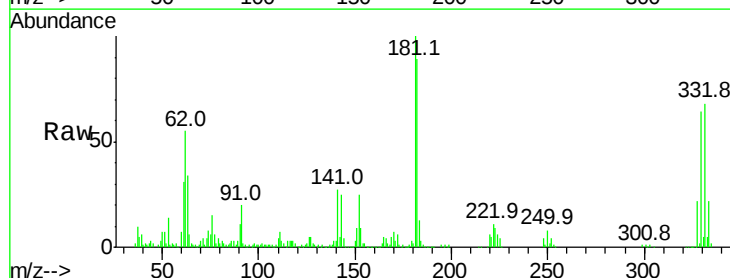


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

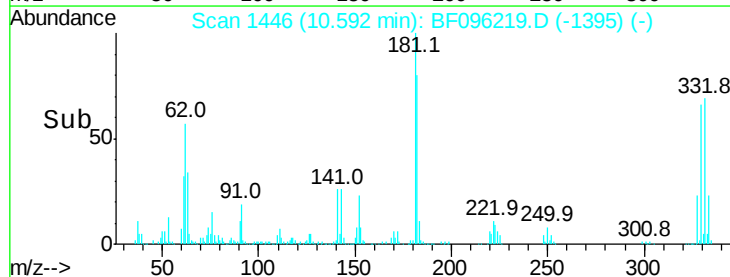
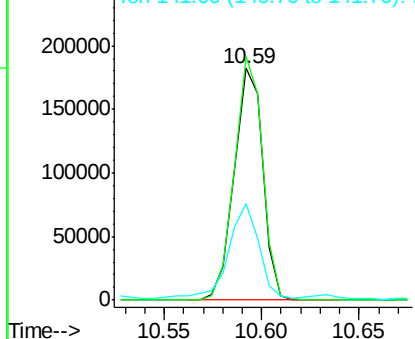


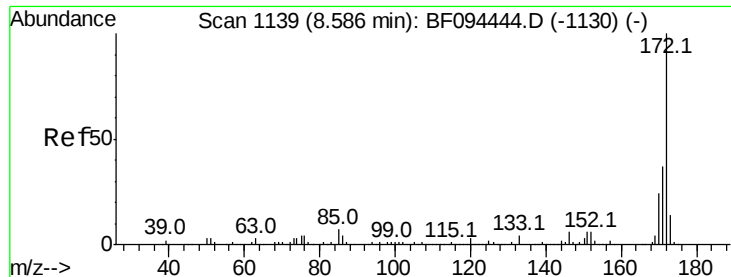
#41
2,4,6-Tribromophenol
Concen: 72.13 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BF096219.D
Acq: 27 Jun 2017 16:39

Tgt Ion:330 Resp: 185378
Ion Ratio Lower Upper
330 100
332 102.8 76.6 115.0
141 43.4 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

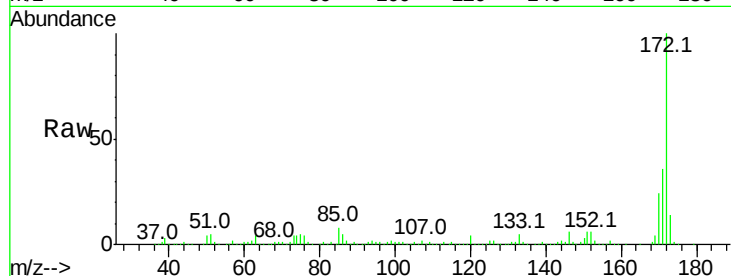




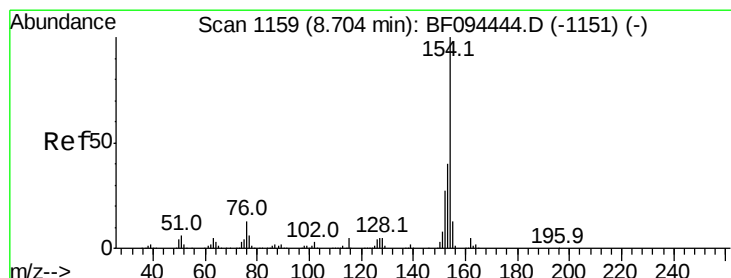
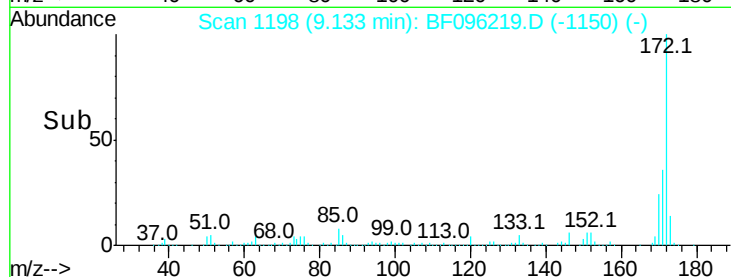
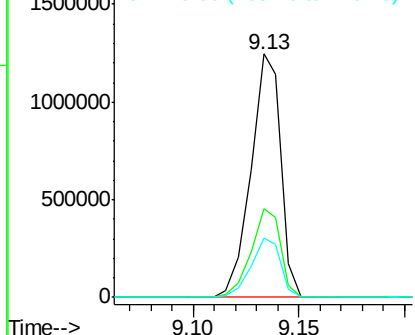
#44
2-Fluorobiphenyl
Concen: 68.62 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BF096219.D
Acq: 27 Jun 2017 16:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1223548
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.4 19.8 29.8

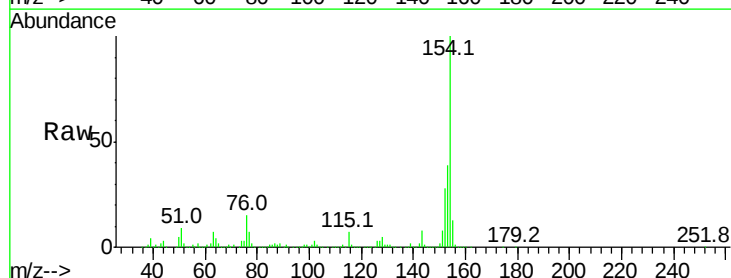


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

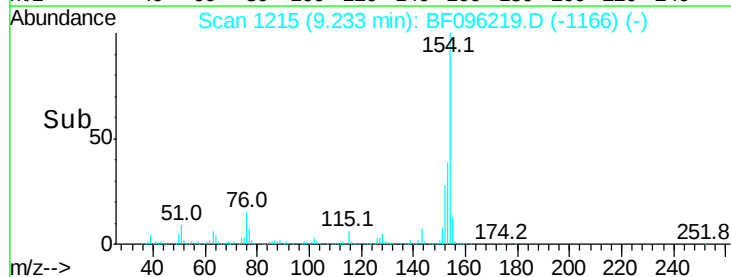
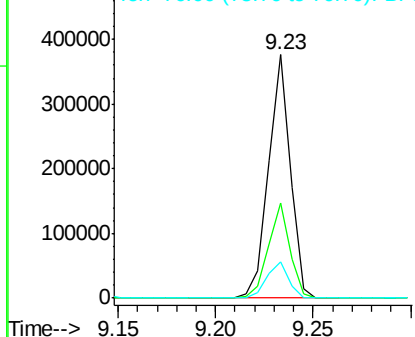


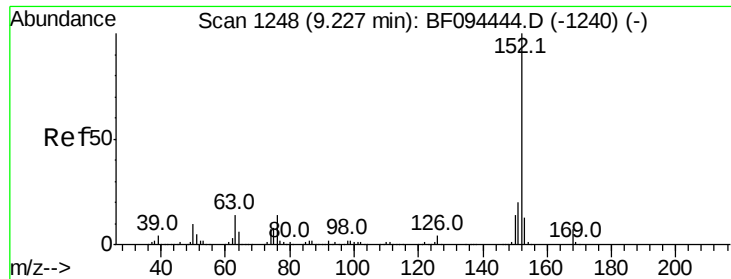
#45
1,1'-Biphenyl
Concen: 11.60 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF096219.D
Acq: 27 Jun 2017 16:39

Tgt Ion:154 Resp: 290646
Ion Ratio Lower Upper
154 100
153 39.2 21.2 61.2
76 15.1 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: 11.69 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BF096219.D

Acq: 27 Jun 2017 16:39

Instrument :

BNA_F

ClientSampleId :

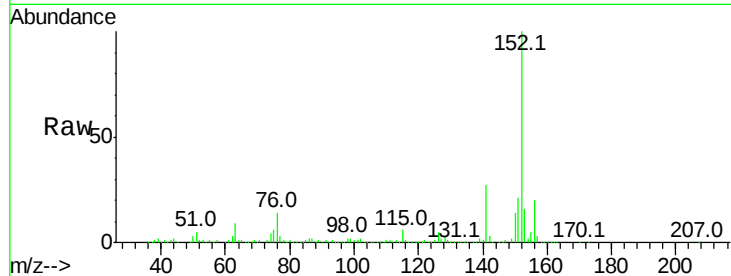
Tot Ion:152 Resp: 403258

Ion Ratio Lower Upper

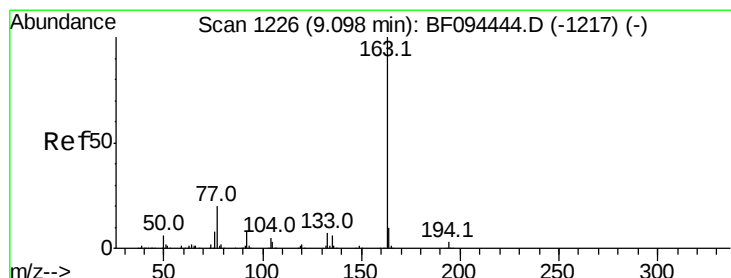
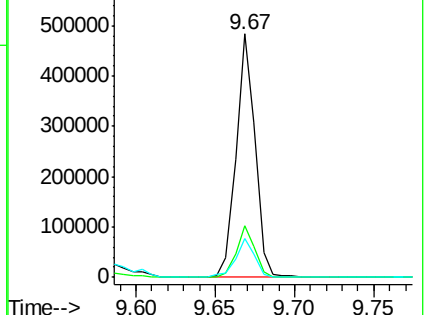
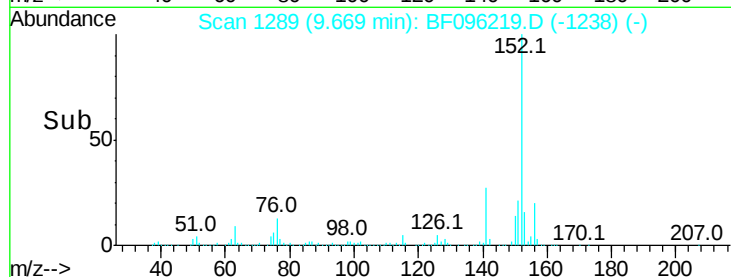
152 100

151 21.0 16.8 25.2

153 15.9 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: 11.62 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BF096219.D

Acq: 27 Jun 2017 16:39

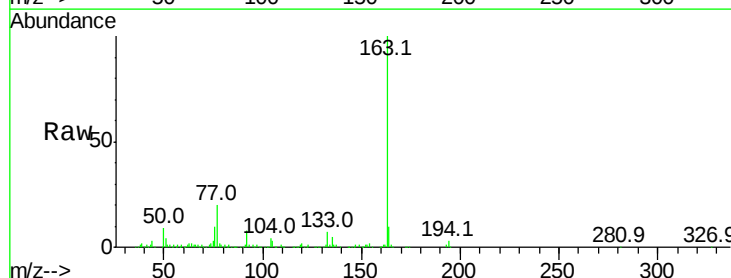
Tgt Ion:163 Resp: 271510

Ion Ratio Lower Upper

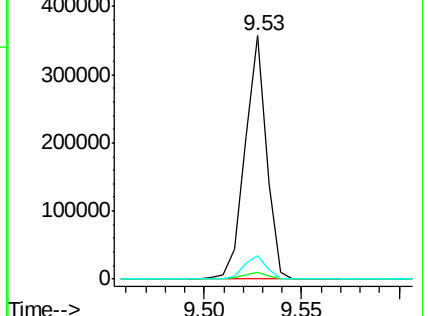
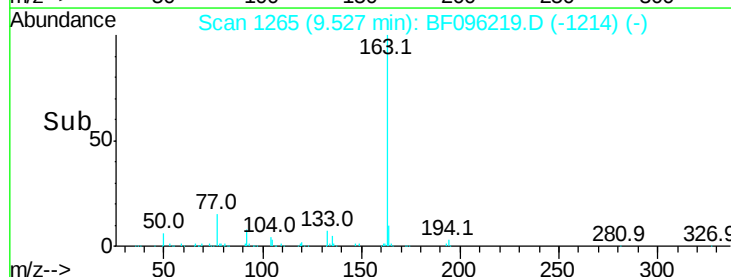
163 100

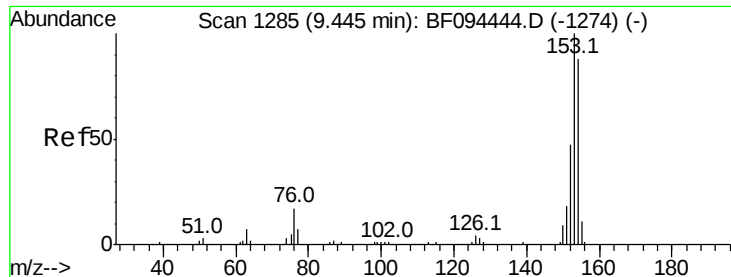
194 3.0 2.6 4.0

164 9.8 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: 45.34 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF096219.D

Acq: 27 Jun 2017 16:39

Instrument :

BNA_F

ClientSampleId :

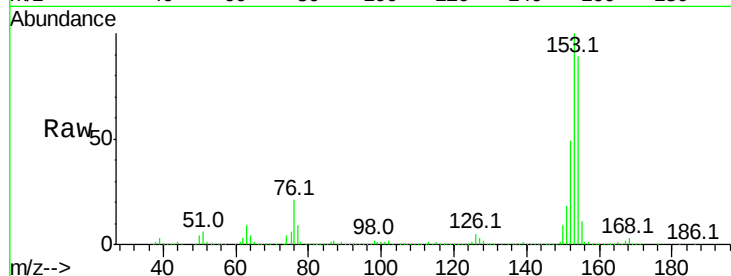
Tot Ion:154 Resp: 920162

Ion Ratio Lower Upper

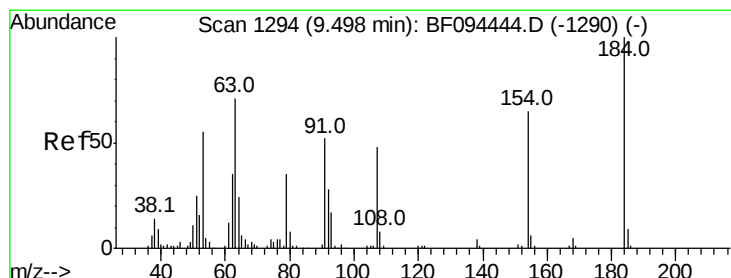
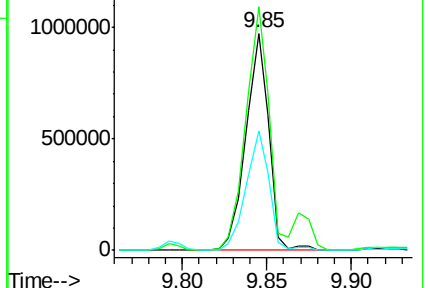
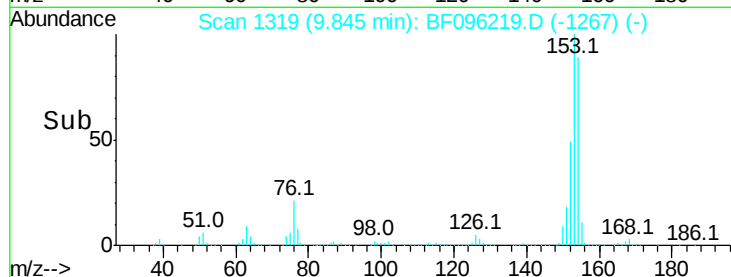
154 100

153 112.1 90.5 135.7

152 55.2 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



#53

2,4-Dinitrophenol

Concen: 7.72 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.18 min

Lab File: BF096219.D

Acq: 27 Jun 2017 16:39

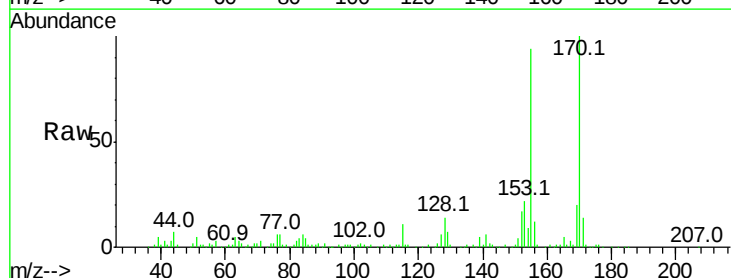
Tgt Ion:184 Resp: 292

Ion Ratio Lower Upper

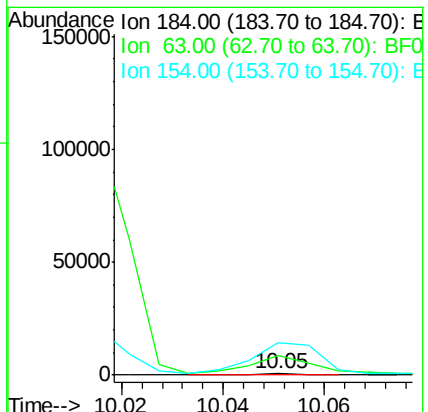
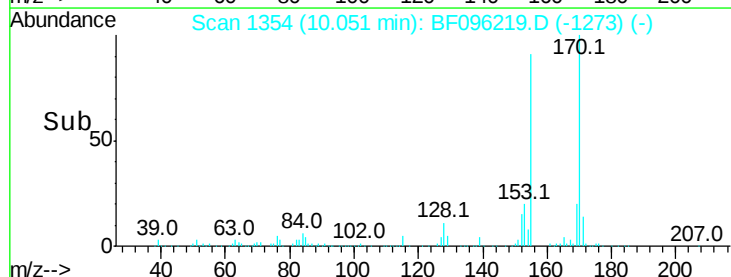
184 100

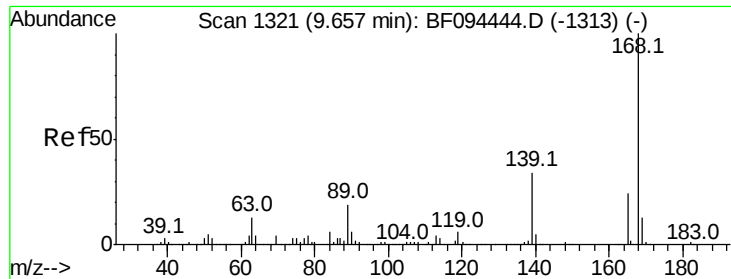
63 1622.1 62.7 94.1#

154 2764.9 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: 54.51 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF096219.D

Acq: 27 Jun 2017 16:39

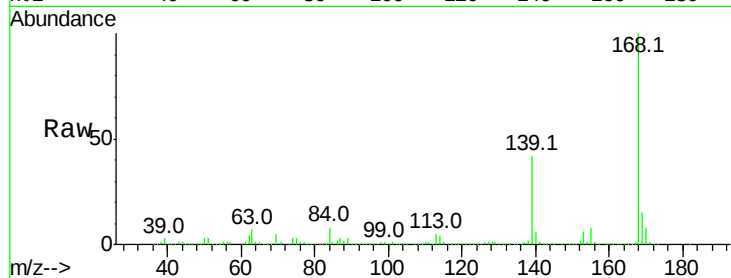
Instrument :

BNA_F

ClientSampleId :

Tot Ion:168 Resp: 1444651

Ion	Ratio	Lower	Upper
168	100		
139	41.7	30.6	45.8
169	15.2	10.8	16.2

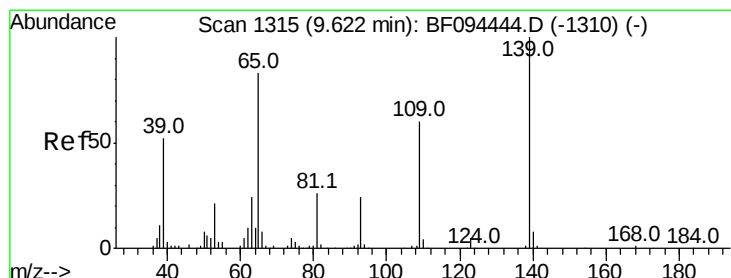
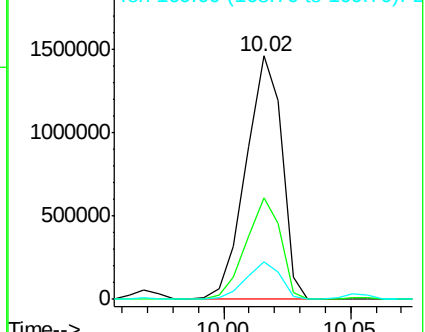
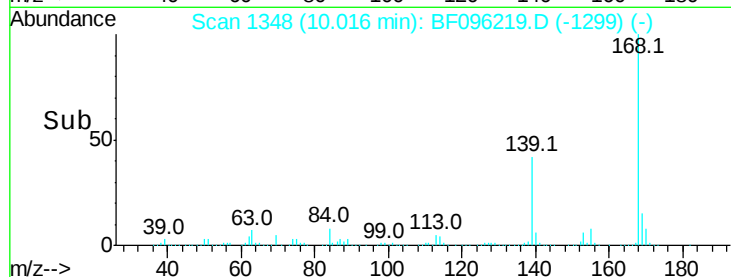


Abundance

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: 115.75 ng

RT: 10.02 min Scan# 1348

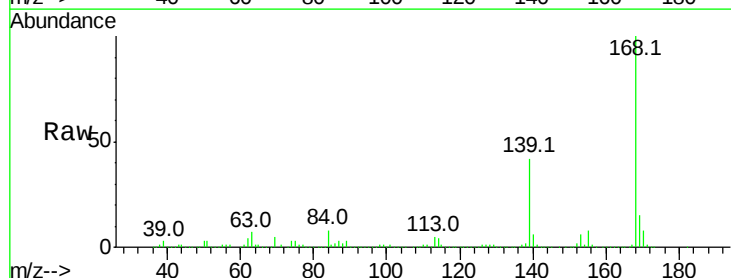
Delta R.T. 0.09 min

Lab File: BF096219.D

Acq: 27 Jun 2017 16:39

Tgt Ion:139 Resp: 582670

Ion	Ratio	Lower	Upper
139	100		
109	0.8	34.1	74.1#
65	2.1	31.4	71.4#

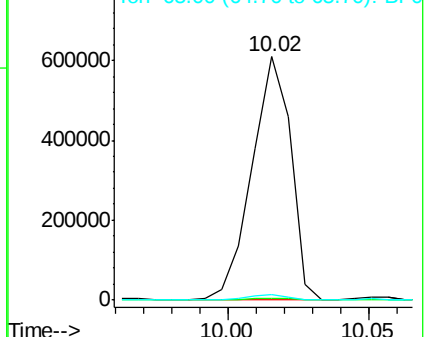
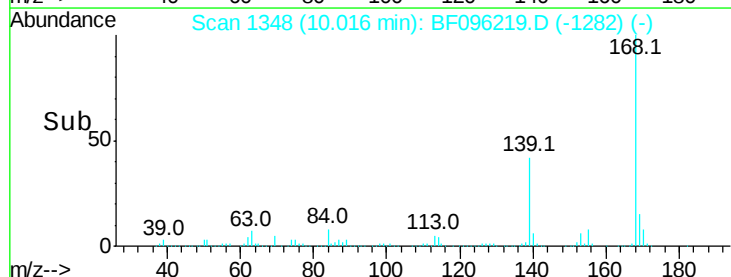


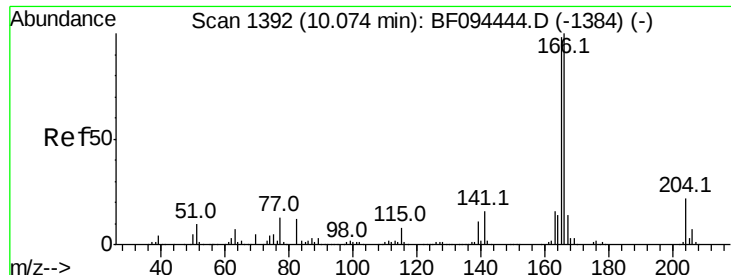
Abundance

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

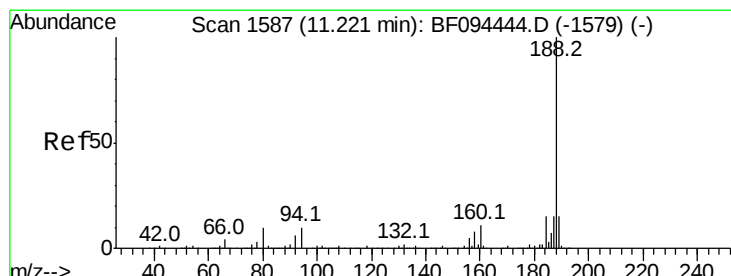
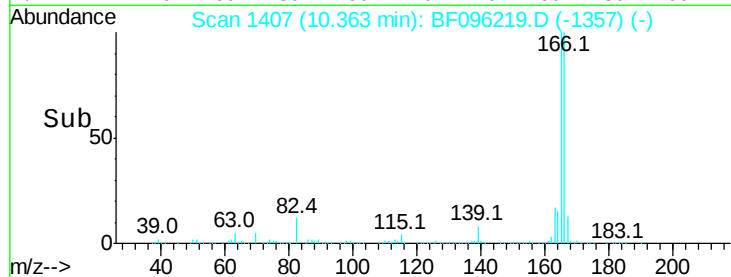
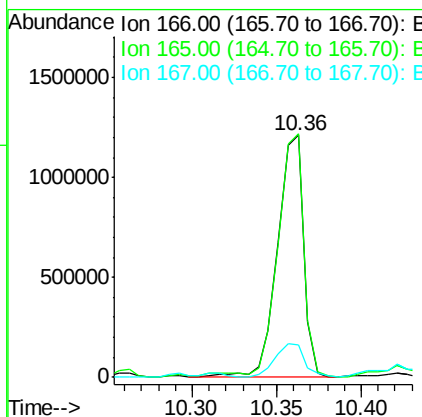
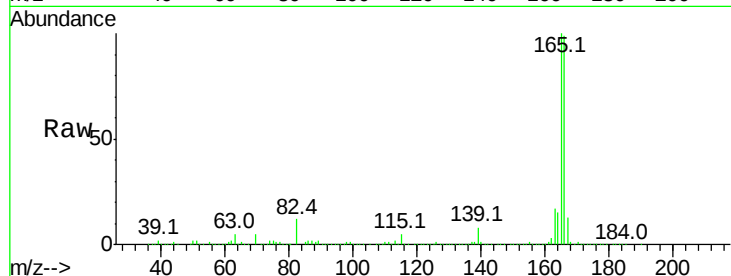




#57
Fluorene
 Concen: 70.89 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF096219.D
 Acq: 27 Jun 2017 16:39

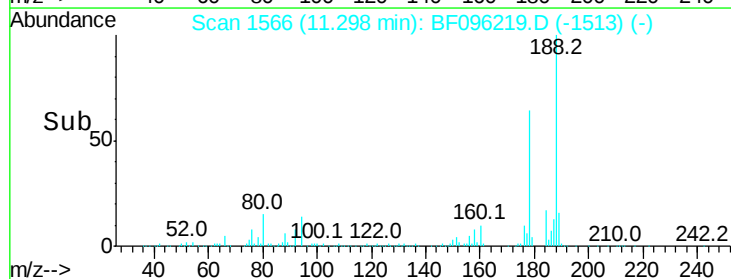
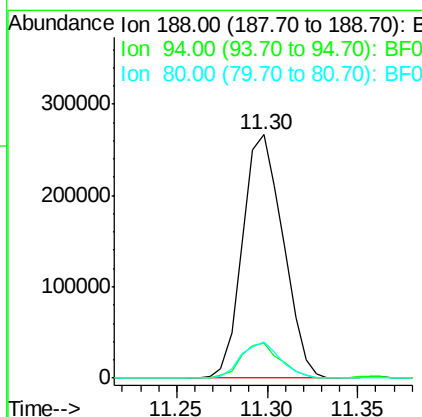
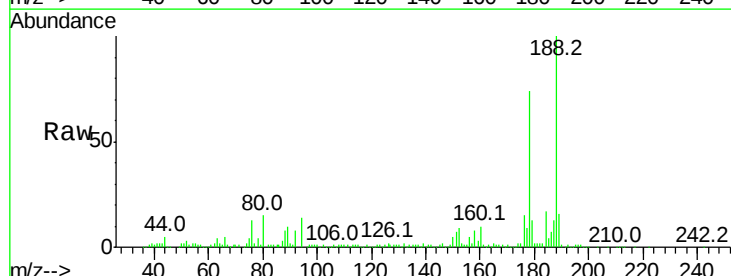
Instrument :
 BNA_F
 ClientSampleId :

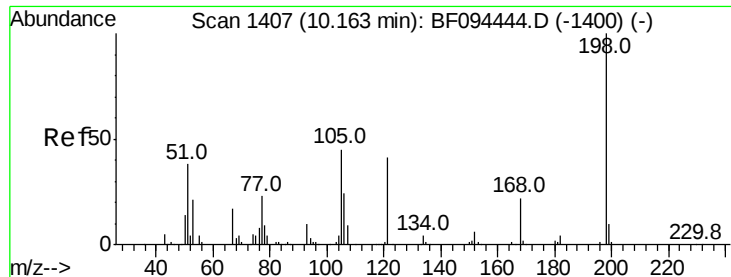
Tot Ion:166 Resp: 1293790
 Ion Ratio Lower Upper
 166 100
 165 100.5 78.8 118.2
 167 13.5 10.6 16.0



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.01 min
 Lab File: BF096219.D
 Acq: 27 Jun 2017 16:39

Tgt Ion:188 Resp: 415356
 Ion Ratio Lower Upper
 188 100
 94 14.2 9.4 14.2#
 80 14.8 10.2 15.2





#64

4,6-Dinitro-2-methylphenol

Concen: 8.79 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.12 min

Lab File: BF096219.D

Acq: 27 Jun 2017 16:39

Instrument :

BNA_F

ClientSampleId :

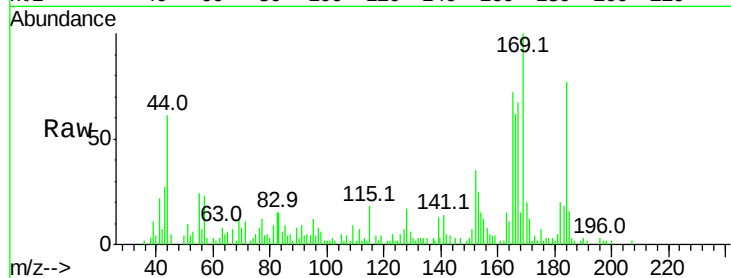
Tot Ion:198 Resp: 110

Ion Ratio Lower Upper

198 100

51 628.5 53.2 93.2#

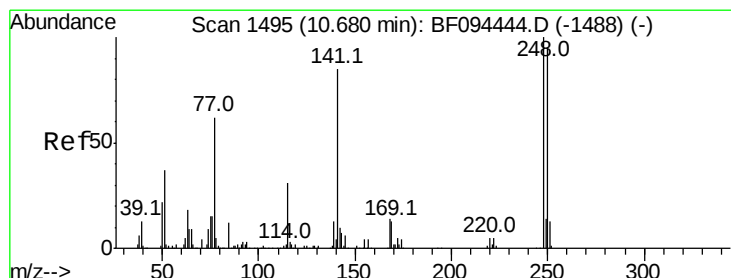
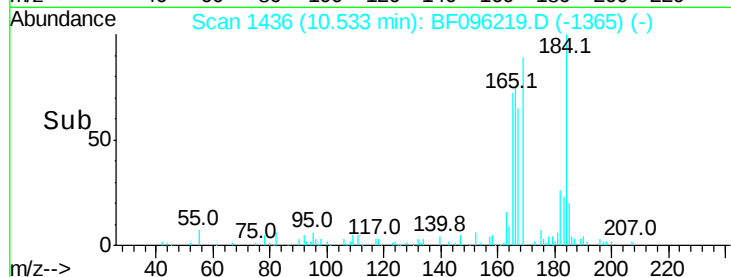
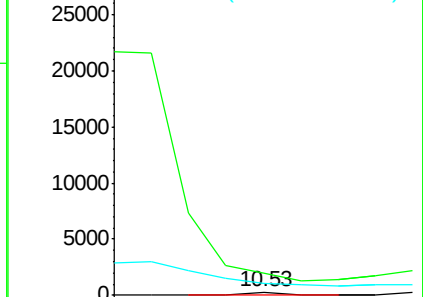
105 332.7 45.8 85.8#



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: 2.88 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.25 min

Lab File: BF096219.D

Acq: 27 Jun 2017 16:39

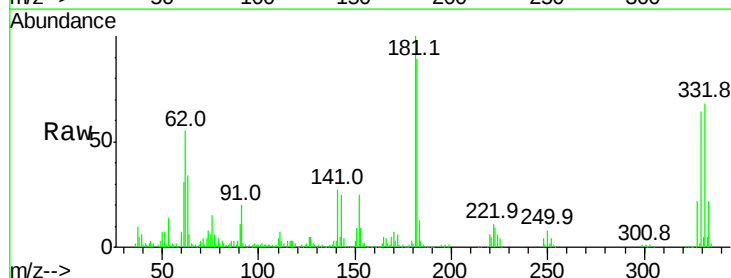
Tgt Ion:248 Resp: 12330

Ion Ratio Lower Upper

248 100

250 195.8 76.8 115.2#

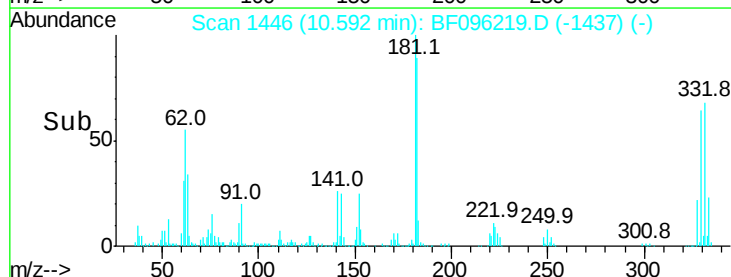
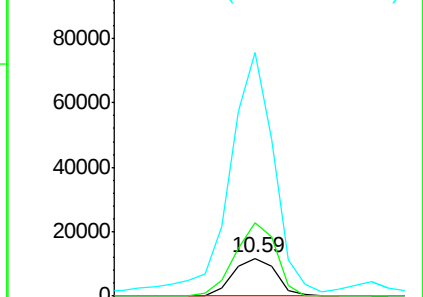
141 646.5 68.6 103.0#

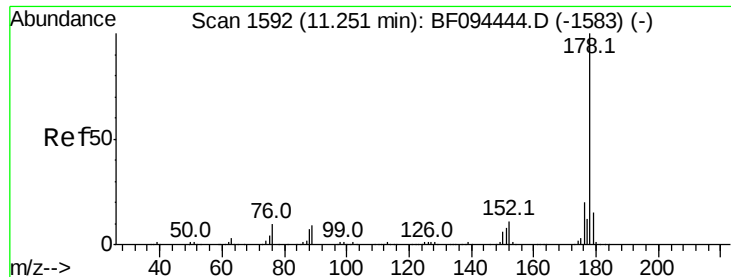


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

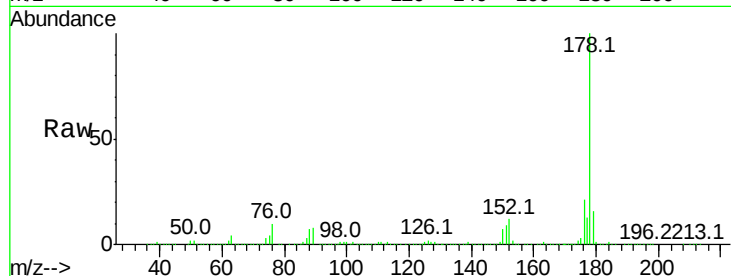




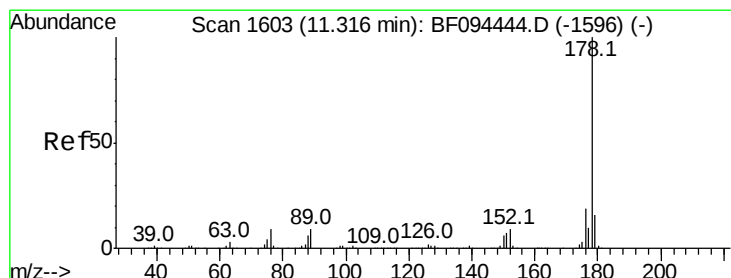
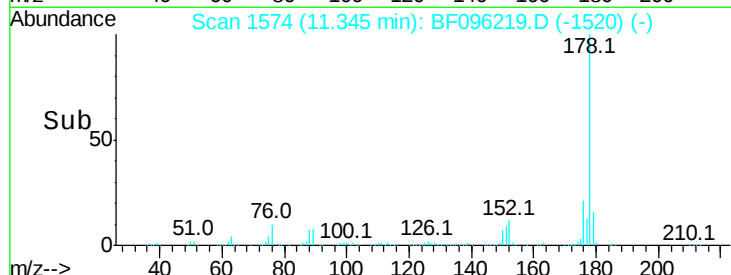
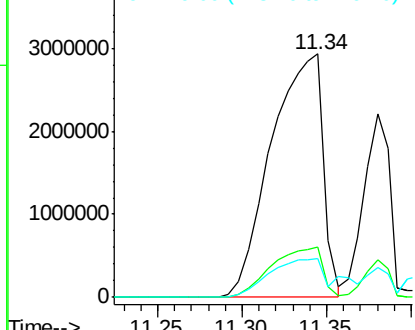
#70
Phenanthrene
Concen: 350.61 ng
RT: 11.34 min Scan# 1574
Delta R.T. 0.02 min
Lab File: BF096219.D
Acq: 27 Jun 2017 16:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 6217591
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.4
179 15.8 12.6 19.0

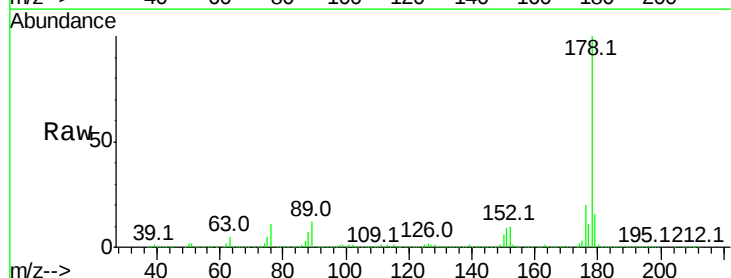


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

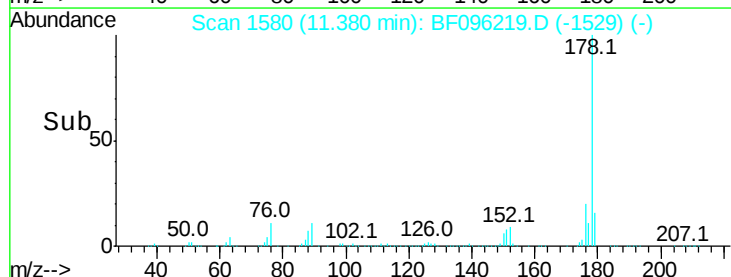
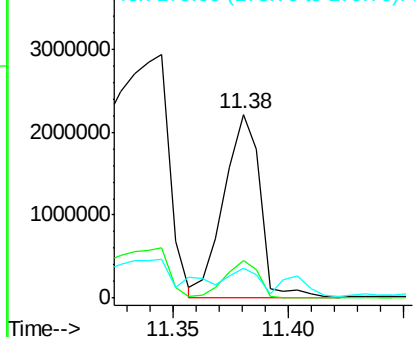


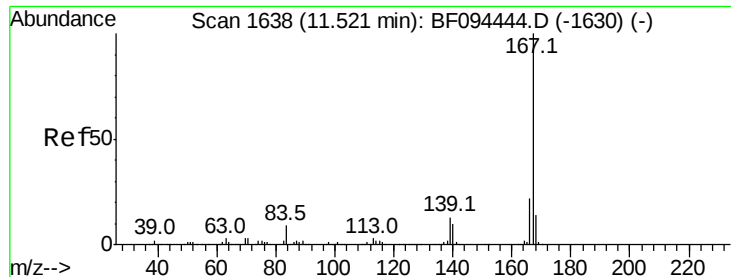
#71
Anthracene
Concen: 103.32 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF096219.D
Acq: 27 Jun 2017 16:39

Tgt Ion:178 Resp: 2398189
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.8
179 16.2 12.7 19.1



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





#72

Carbazole

Concen: 48.62 ng

RT: 11.52 min Scan# 1604

Delta R.T. 0.01 min

Lab File: BF096219.D

Acq: 27 Jun 2017 16:39

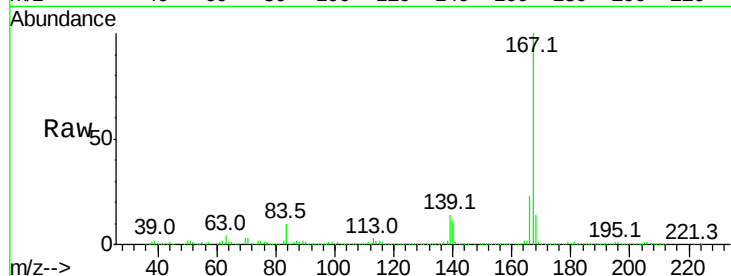
Instrument :

BNA_F

ClientSampleId :

Tot Ion:167 Resp: 1245895

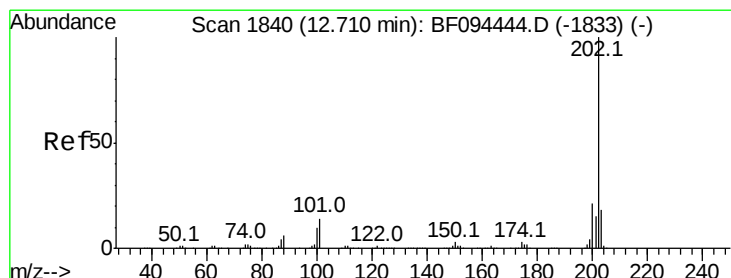
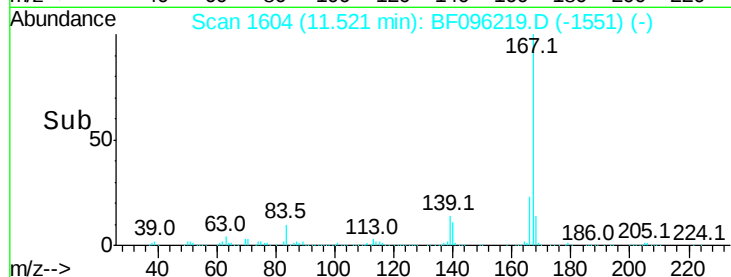
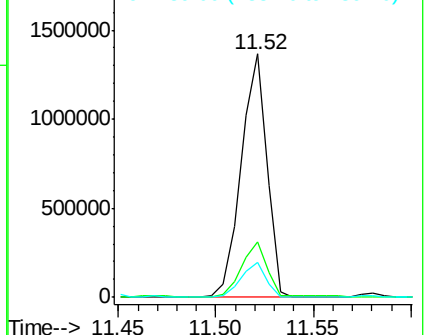
Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.1	27.1
139	14.2	11.7	17.5



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: 237.23 ng

RT: 12.53 min Scan# 1775

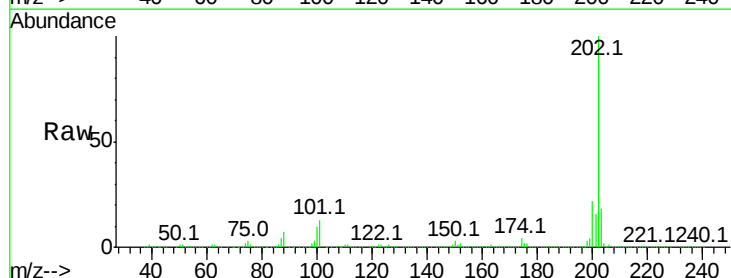
Delta R.T. 0.04 min

Lab File: BF096219.D

Acq: 27 Jun 2017 16:39

Tgt Ion:202 Resp: 5473662

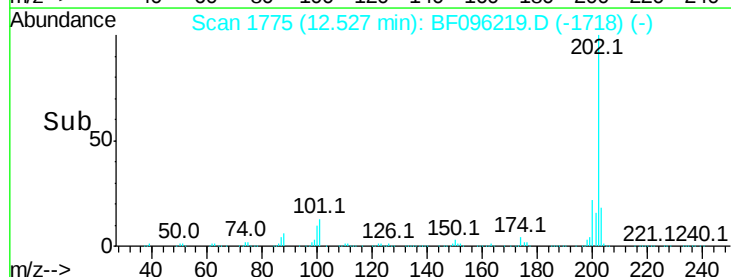
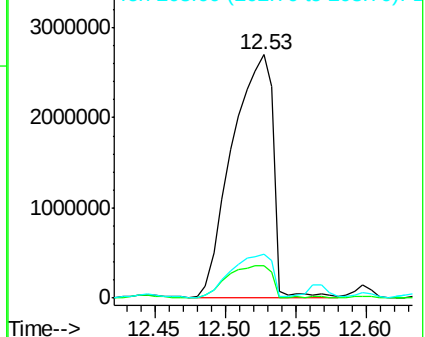
Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	33.2
203	17.9	0.0	38.1

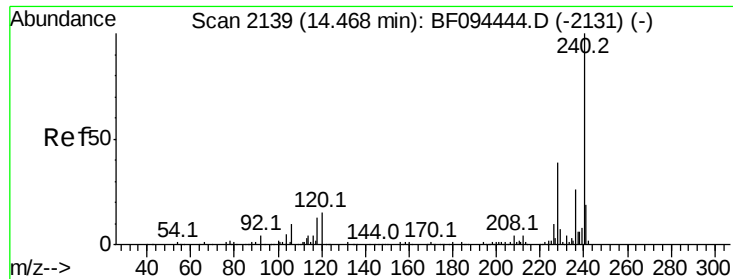


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.94 min Scan# 2015

Delta R.T. 0.02 min

Lab File: BF096219.D

Acq: 27 Jun 2017 16:39

Instrument :

BNA_F

ClientSampleId :

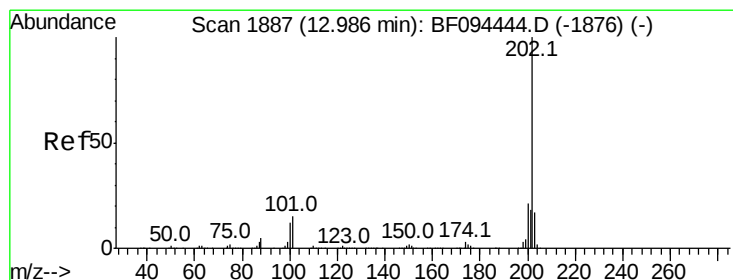
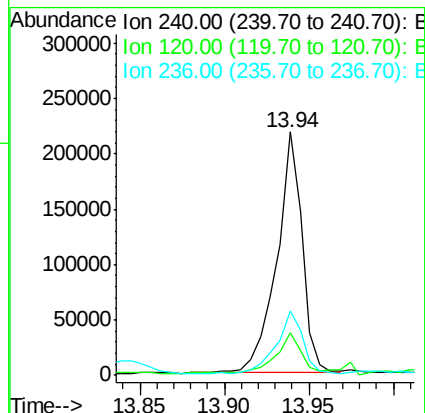
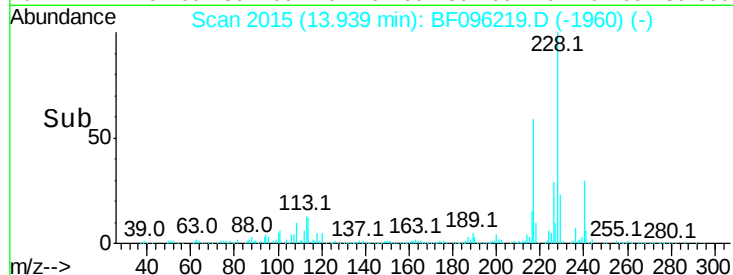
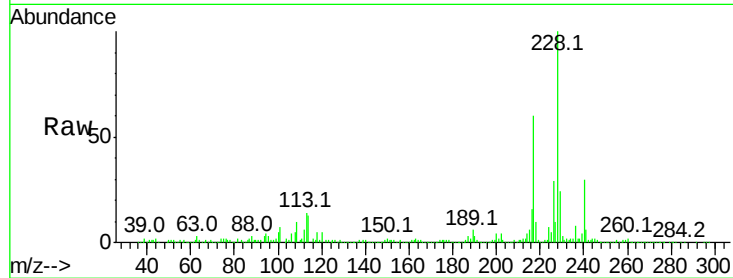
Tot Ion:240 Resp: 227319

Ion Ratio Lower Upper

240 100

120 17.7 5.8 8.8#

236 26.6 20.5 30.7



#77

Pyrene

Concen: 242.42 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.04 min

Lab File: BF096219.D

Acq: 27 Jun 2017 16:39

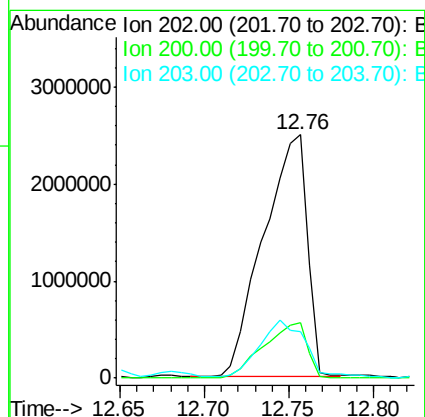
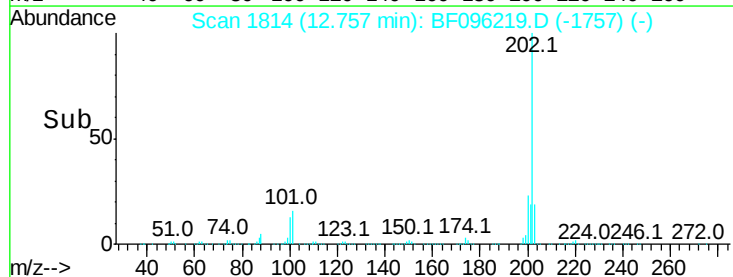
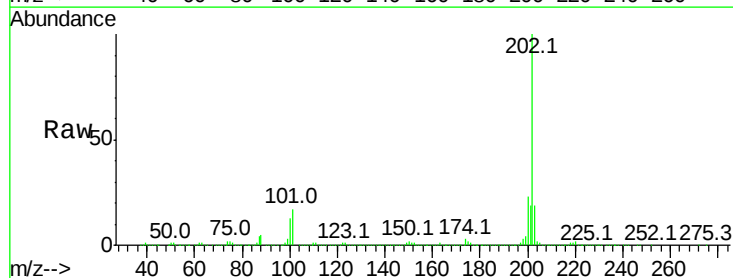
Tgt Ion:202 Resp: 4528730

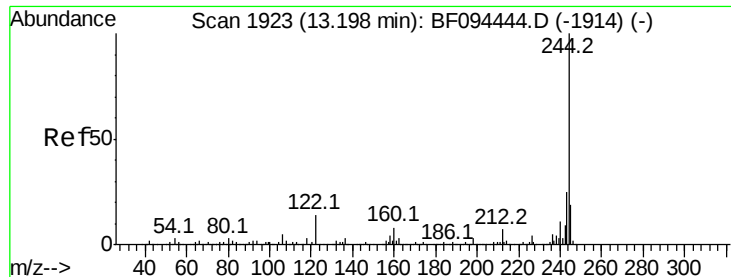
Ion Ratio Lower Upper

202 100

200 22.8 17.6 26.4

203 19.3 14.4 21.6





#78

Terphenyl-d14

Concen: 70.66 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.01 min

Lab File: BF096219.D

Acq: 27 Jun 2017 16:39

Instrument :

BNA_F

ClientSampleId :

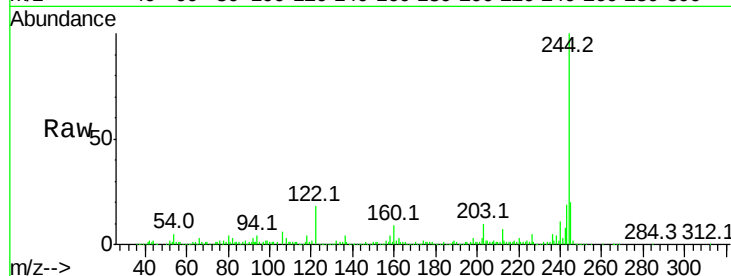
Tot Ion:244 Resp: 643690

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

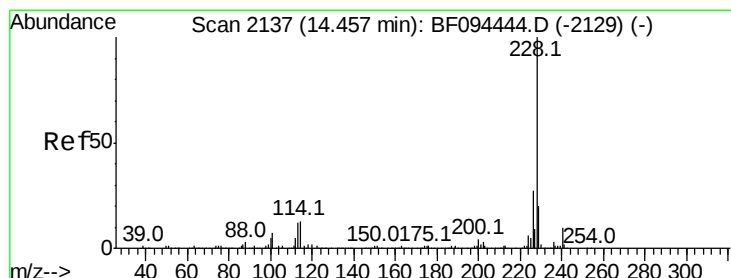
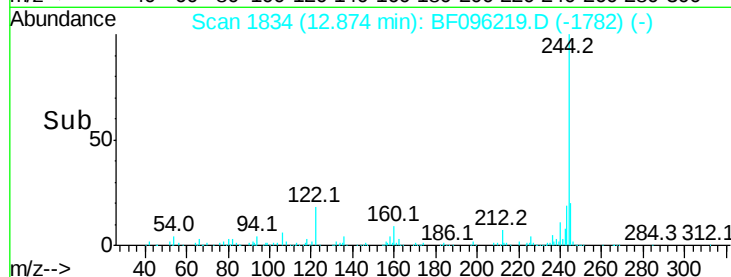
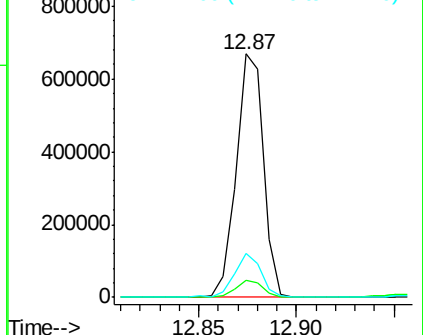
122 17.9 10.3 15.5#



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: 202.95 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.02 min

Lab File: BF096219.D

Acq: 27 Jun 2017 16:39

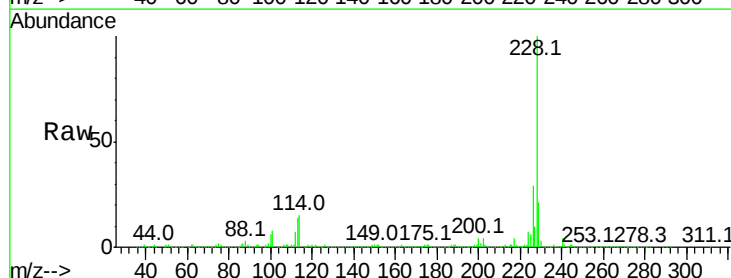
Tgt Ion:228 Resp: 2812305

Ion Ratio Lower Upper

228 100

226 29.2 22.6 33.8

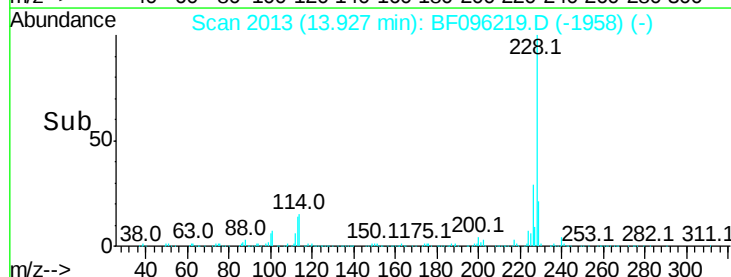
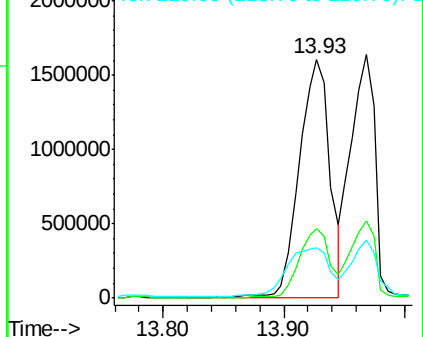
229 21.2 16.3 24.5

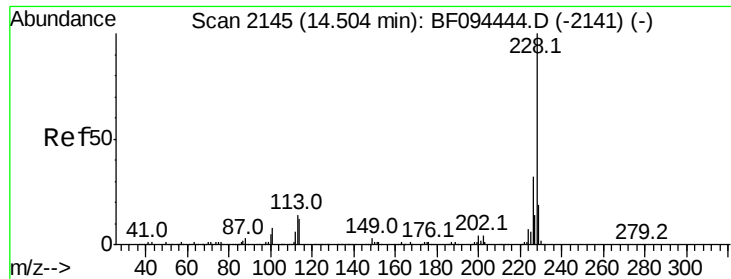


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 196.23 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF096219.D

Acq: 27 Jun 2017 16:39

Instrument :

BNA_F

ClientSampleId :

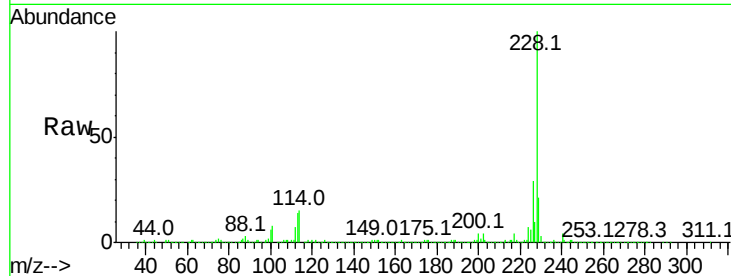
Tot Ion:228 Resp: 2812305

Ion Ratio Lower Upper

228 100

226 29.2 24.9 37.3

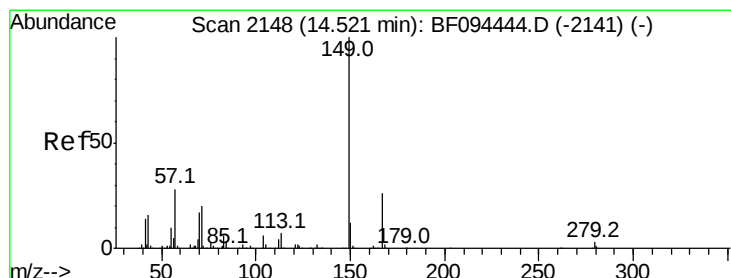
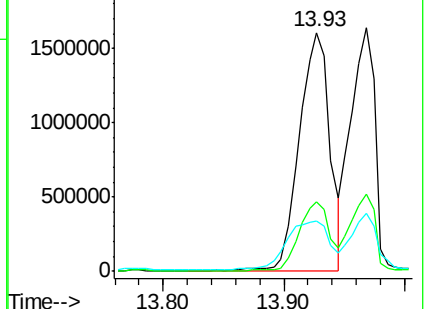
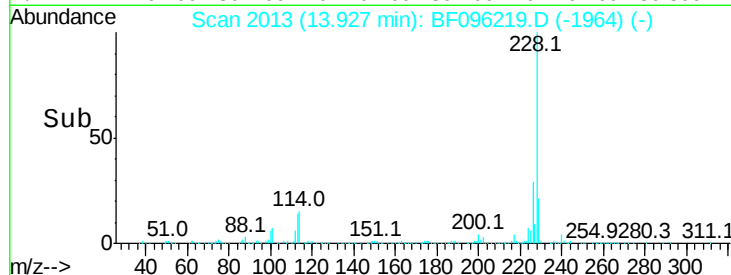
229 21.2 15.8 23.6



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: 2.21 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF096219.D

Acq: 27 Jun 2017 16:39

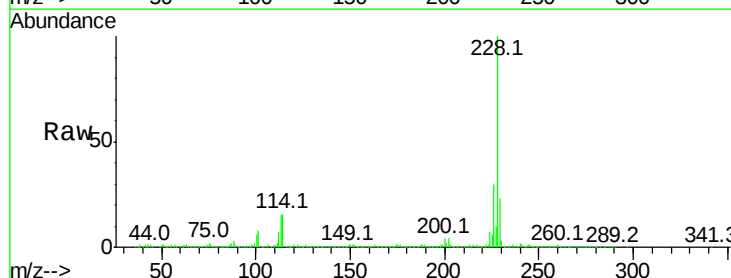
Tgt Ion:149 Resp: 20548

Ion Ratio Lower Upper

149 100

167 17.2 21.0 31.4#

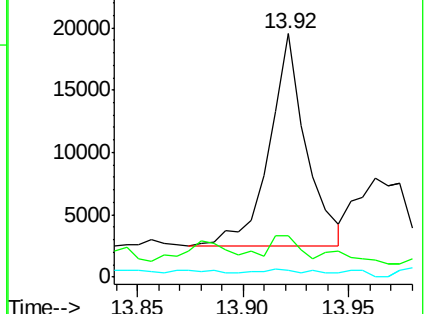
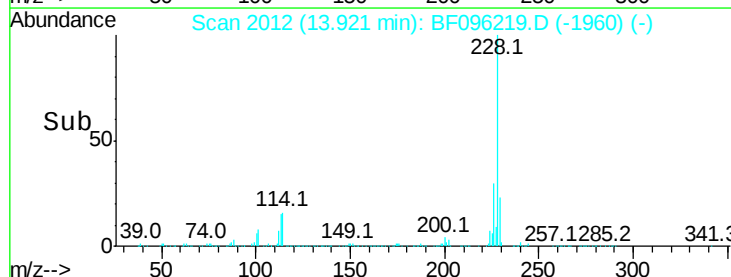
279 3.1 1.9 2.9#

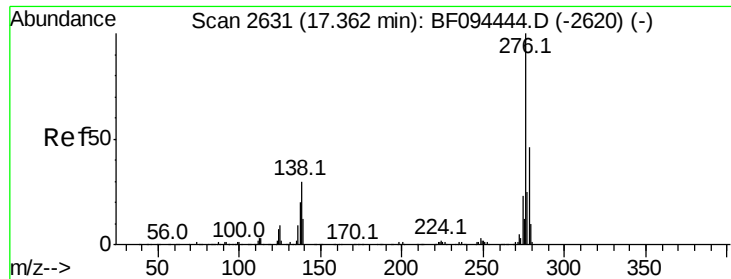


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



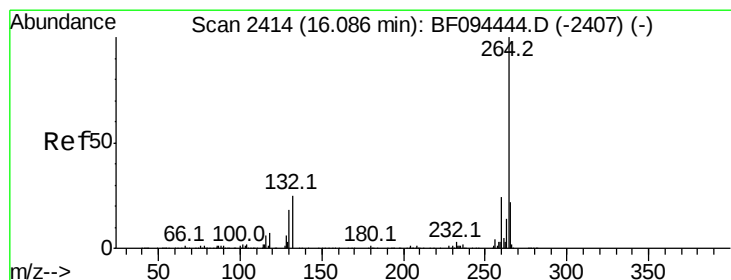
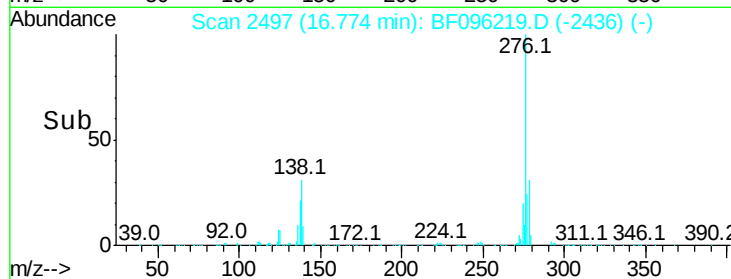
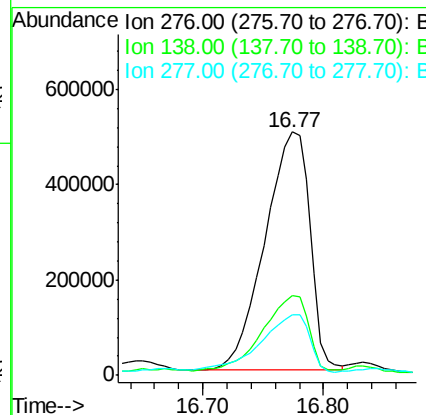
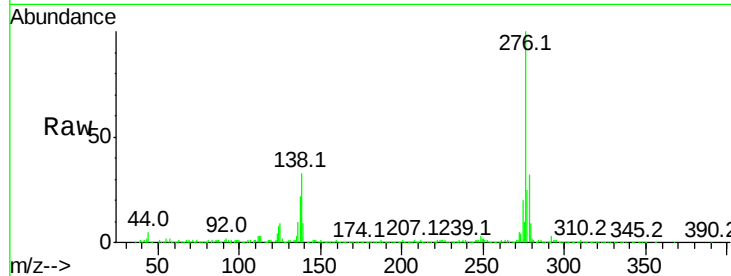


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 108.97 ng
 RT: 16.77 min Scan# 2497
 Delta R.T. 0.06 min
 Lab File: BF096219.D
 Acq: 27 Jun 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1296357

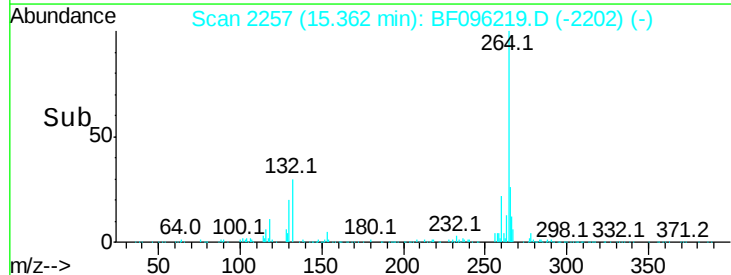
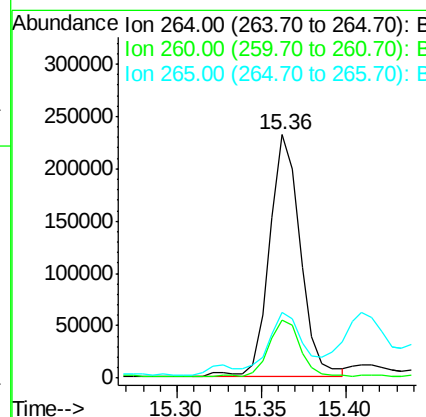
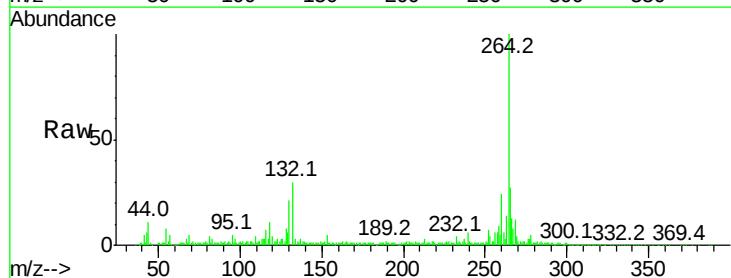
Ion	Ratio	Lower	Upper
276	100		
138	31.9	27.8	41.6
277	26.4	20.2	30.4

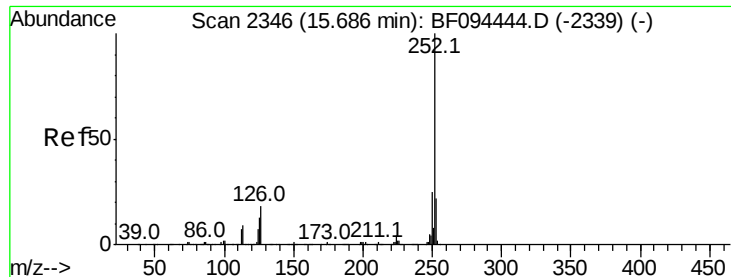


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 2257
 Delta R.T. 0.02 min
 Lab File: BF096219.D
 Acq: 27 Jun 2017 16:39

Tgt Ion:264 Resp: 295369

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	27.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 197.30 ng

RT: 14.97 min Scan# 2190

Delta R.T. 0.01 min

Lab File: BF096219.D

Acq: 27 Jun 2017 16:39

Instrument :

BNA_F

ClientSampleId :

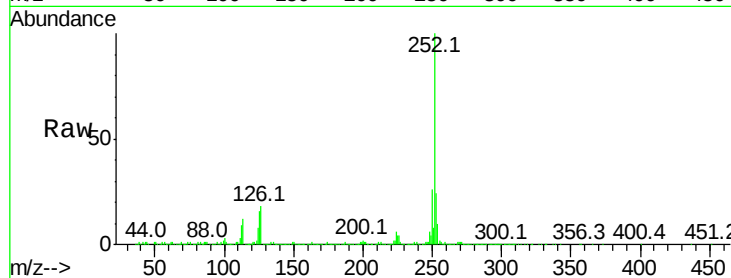
Tot Ion:252 Resp: 3828347

Ion Ratio Lower Upper

252 100

253 23.9 18.1 27.1

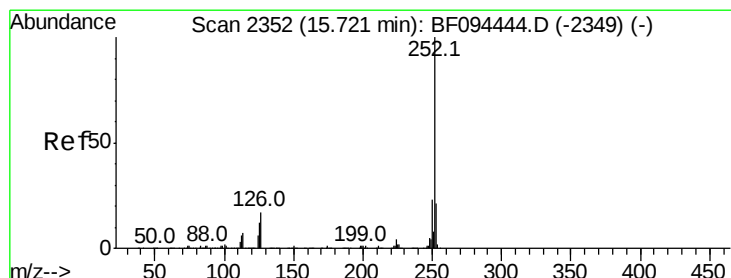
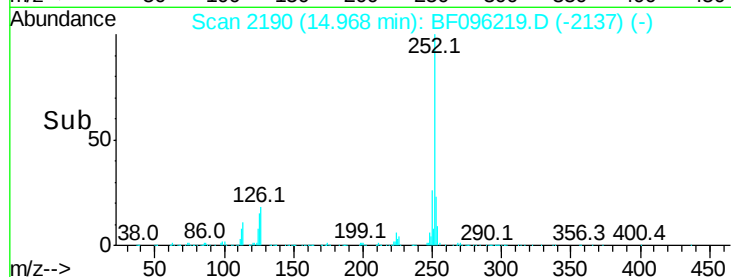
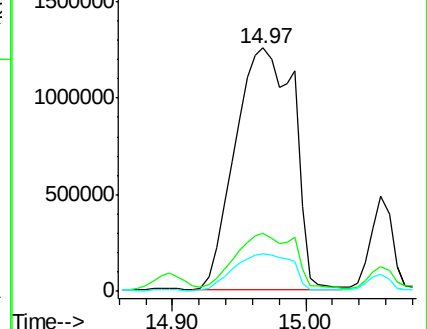
125 15.6 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 216.12 ng

RT: 14.97 min Scan# 2190

Delta R.T. 0.01 min

Lab File: BF096219.D

Acq: 27 Jun 2017 16:39

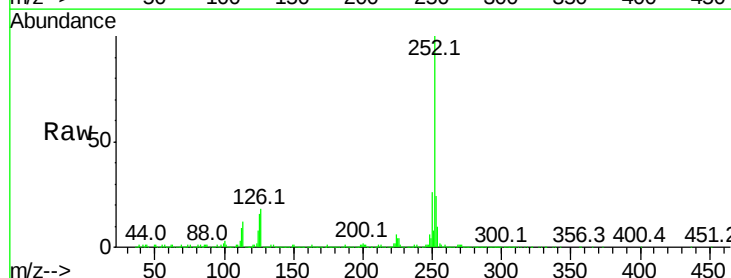
Tgt Ion:252 Resp: 3828347

Ion Ratio Lower Upper

252 100

253 23.9 18.4 27.6

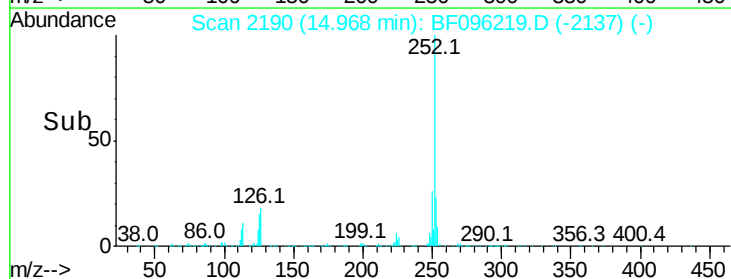
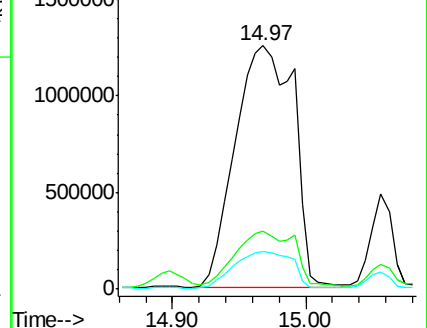
125 15.6 13.1 19.7

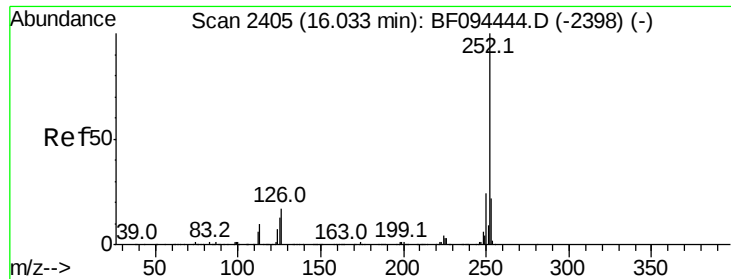


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

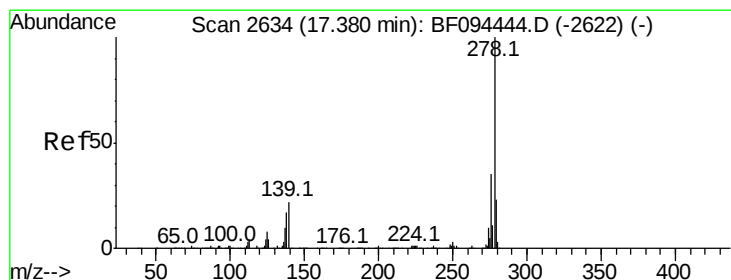
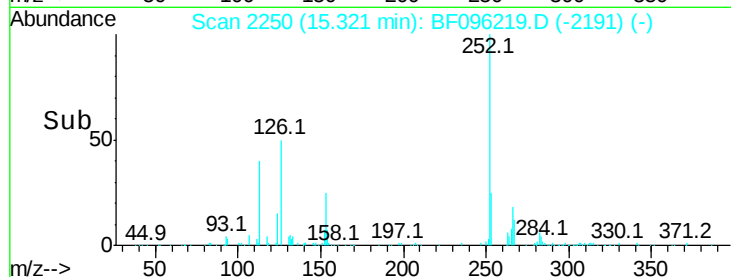
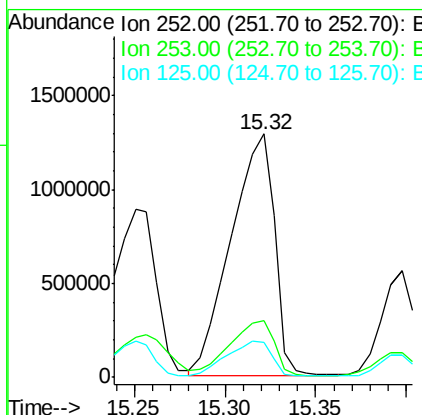
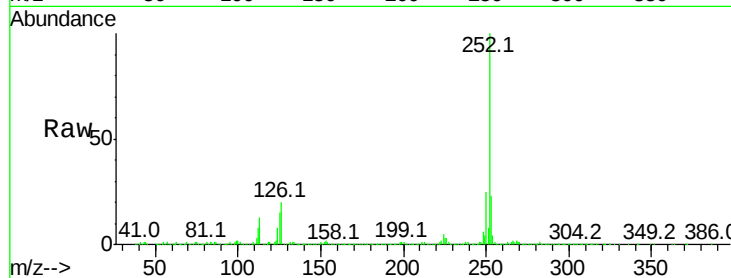




#89
Benzo(a)pyrene
Concen: 126.03 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.05 min
Lab File: BF096219.D
Acq: 27 Jun 2017 16:39

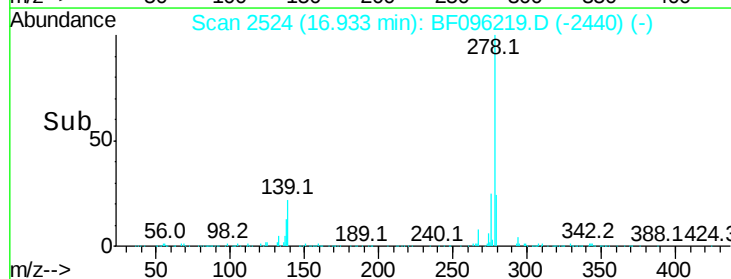
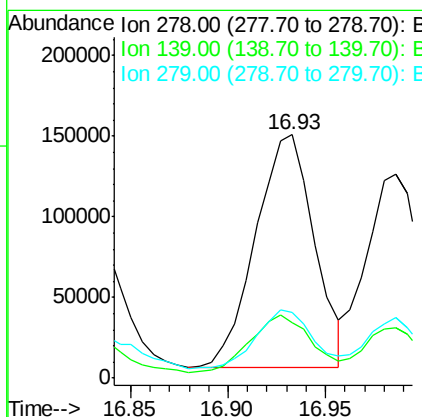
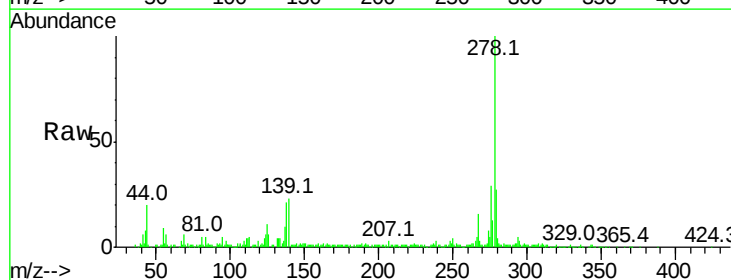
Instrument :
BNA_F
ClientSampleId :

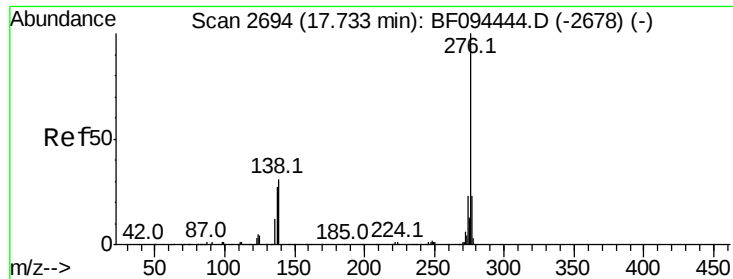
Tot Ion:252 Resp: 2159835
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 14.6 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 22.54 ng
RT: 16.93 min Scan# 2524
Delta R.T. 0.19 min
Lab File: BF096219.D
Acq: 27 Jun 2017 16:39

Tgt Ion:278 Resp: 302420
Ion Ratio Lower Upper
278 100
139 22.8 16.6 24.8
279 27.2 19.3 28.9





#91
 Benzo(a,h,i)perylene
 Concen: 88.40 ng
 RT: 17.20 min Scan# 2569
 Delta R.T. 0.06 min
 Lab File: BF096219.D
 Acq: 27 Jun 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1233075

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	28.0
138	32.2	25.4	38.0

