

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062717\
 Data File : BF096228.D
 Acq On : 27 Jun 2017 20:49
 Operator : SJ/MA
 Sample : I3920-04 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

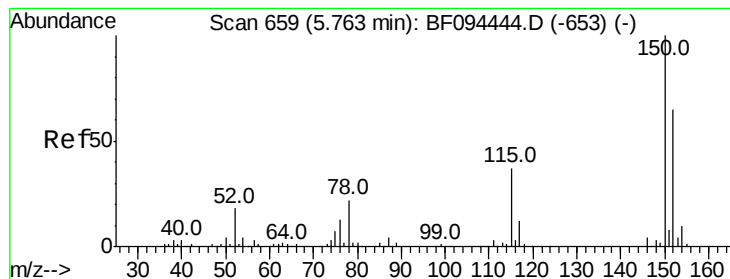
Quant Time: Jun 28 04:07:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 27 15:17:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	178698	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	735607	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	275122	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	370303	20.00	ng	0.00
75) Chrysene-d12	13.92	240	316975	20.00	ng	0.00
86) Perylene-d12	15.34	264	283142	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	321083	25.89	ng	0.00
7) Phenol-d6	6.40	99	384852	25.62	ng	0.00
23) Nitrobenzene-d5	7.33	82	198171	18.65	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	45984	21.24	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	318953	21.23	ng	-0.02
78) Terphenyl-d14	12.87	244	162522	12.79	ng	0.00

Target Compounds				Qvalue		
9) Benzaldehyde	6.32	77	501	Below Cal	#	75
19) n-Nitroso-di-n-propylamine	7.33	70	27073	3.01 ng	#	88
25) Isophorone	7.33	82	198008	8.20 ng	#	67
31) Naphthalene	8.08	128	210174	5.93 ng		100
32) Benzoic acid	7.84	122	989	8.89 ng	#	14
37) 2-Methylnaphthalene	8.77	142	68087	2.96 ng		97
49) Dimethylphthalate	9.53	163	58033	2.95 ng		97
50) 2,6-Dinitrotoluene	9.81	165	36349	8.88 ng	#	34
51) Acenaphthene	9.84	154	78419	4.59 ng		96
54) Dibenzofuran	10.02	168	113831	5.10 ng		99
55) 4-Nitrophenol	10.02	139	43692	10.30 ng	#	27
56) 2,4-Dinitrotoluene	9.81	165	36349	7.04 ng	#	33
57) Fluorene	10.36	166	108416	7.05 ng		100
70) Phenanthrene	11.32	178	917690	50.32 ng		99
71) Anthracene	11.36	178	254728	12.31 ng		99
72) Carbazole	11.52	167	113105	4.95 ng		99
74) Fluoranthene	12.50	202	868815	42.24 ng		95
77) Pyrene	12.73	202	789009	30.29 ng		98
80) Benzo(a)anthracene	13.91	228	411635	21.30 ng		99
82) Chrysene	13.94	228	333143	16.67 ng		98
85) Indeno(1,2,3-cd)pyrene	16.73	276	139801	8.43 ng		97
87) Benzo(b)fluoranthene	14.94	252	517352	27.81 ng	#	96
88) Benzo(k)fluoranthene	14.94	252	517352	30.47 ng		99
89) Benzo(a)pyrene	15.28	252	277477	16.89 ng	#	96
90) Dibenzo(a,h)anthracene	16.90	278	30958	2.41 ng		99
91) Benzo(g,h,i)perylene	17.14	276	127444	9.53 ng		98

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

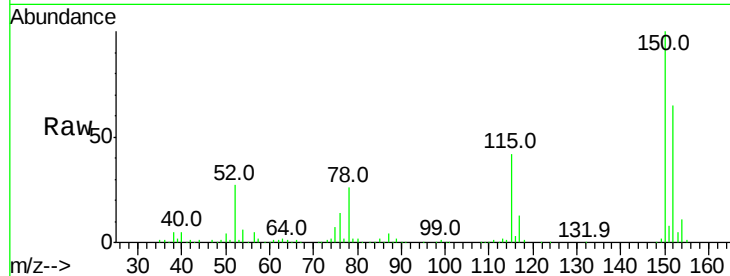


#1

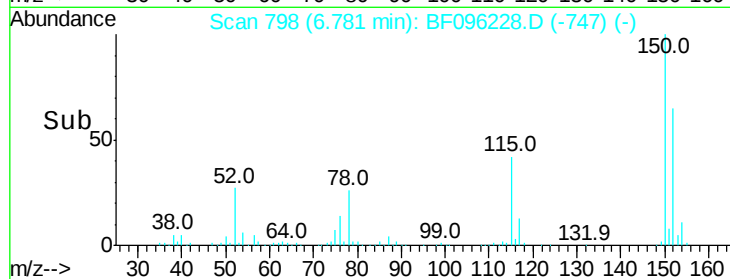
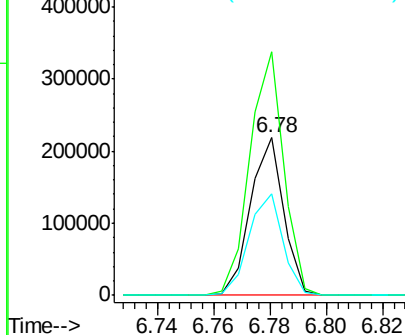
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF096228.D
Acq: 27 Jun 2017 20:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 178698
Ion Ratio Lower Upper
152 100
150 154.4 126.2 189.2
115 64.3 52.2 78.2



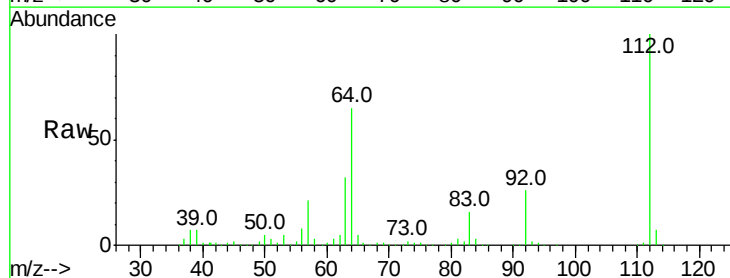
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



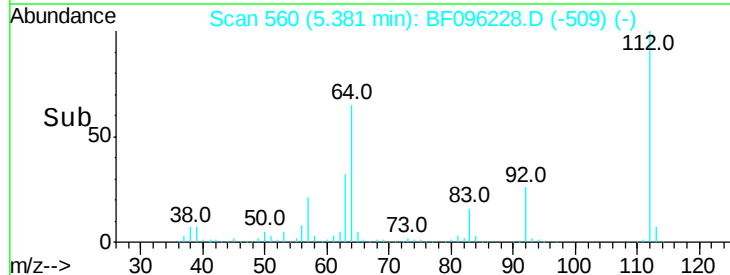
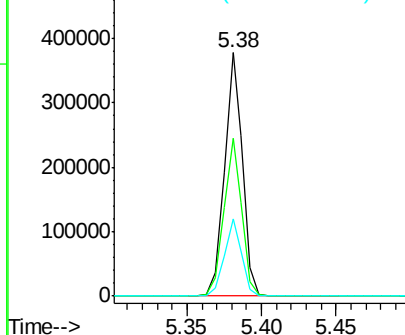
#5

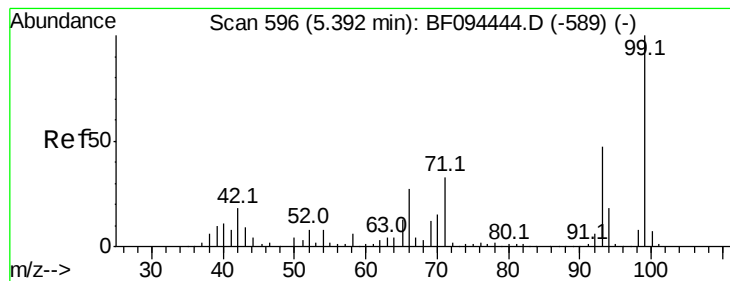
2-Fluorophenol
Concen: 25.89 ng
RT: 5.38 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF096228.D
Acq: 27 Jun 2017 20:49

Tgt Ion:112 Resp: 321083
Ion Ratio Lower Upper
112 100
64 64.9 46.0 69.0
63 31.5 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: 25.62 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF096228.D

Acq: 27 Jun 2017 20:49

Instrument :

BNA_F

ClientSampleId :

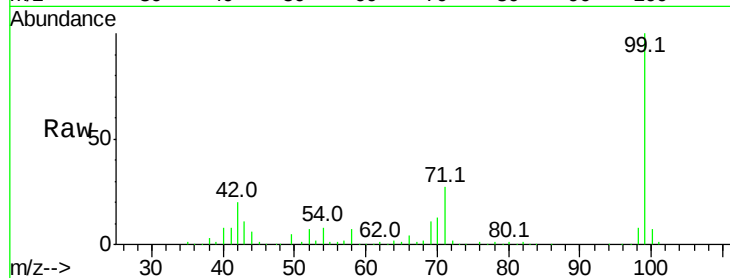
Tot Ion: 99 Resp: 384852

Ion Ratio Lower Upper

99 100

42 20.4 13.5 20.3#

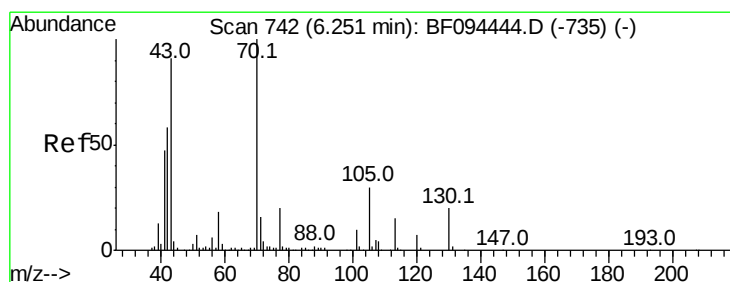
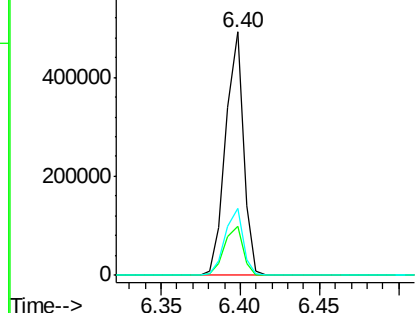
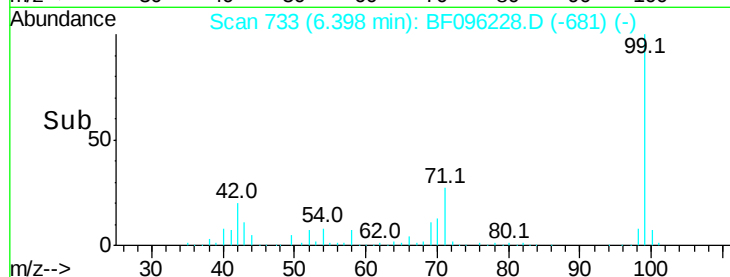
71 27.5 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 3.01 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.15 min

Lab File: BF096228.D

Acq: 27 Jun 2017 20:49

Tgt Ion: 70 Resp: 27073

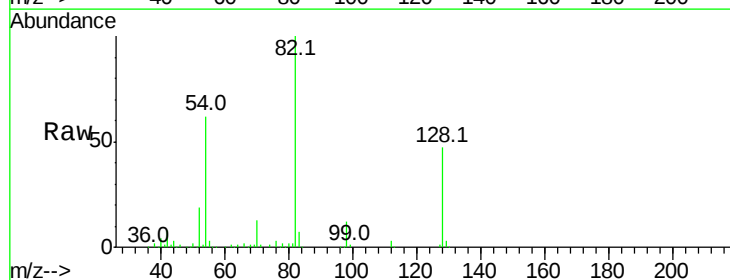
Ion Ratio Lower Upper

70 100

42 58.0 47.2 70.8

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#

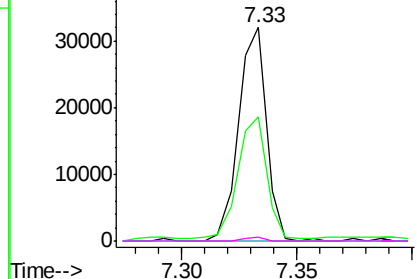
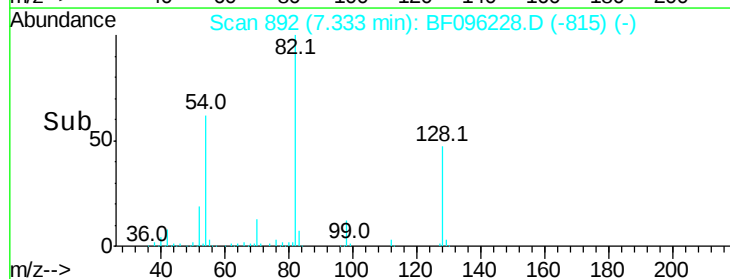


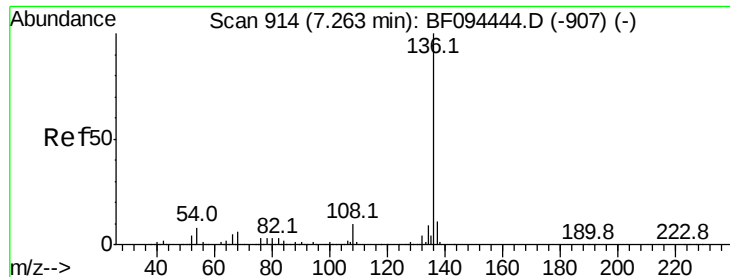
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BF096228.D

Acq: 27 Jun 2017 20:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 735607

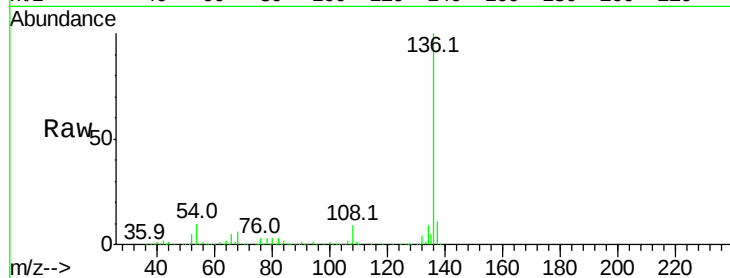
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 10.4 4.9 7.3#

68 5.9 4.1 6.1

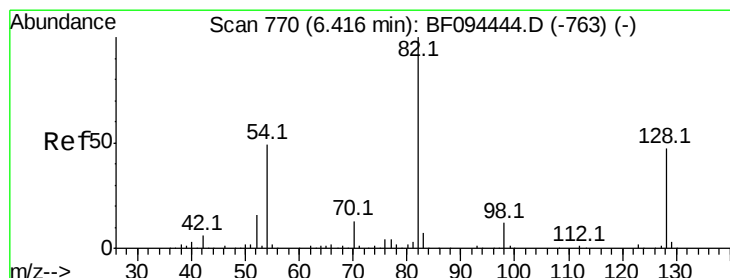
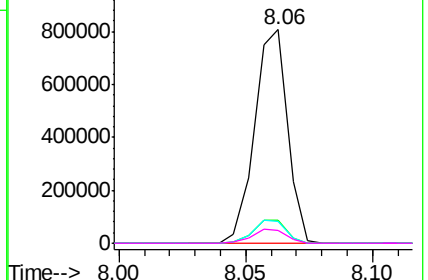
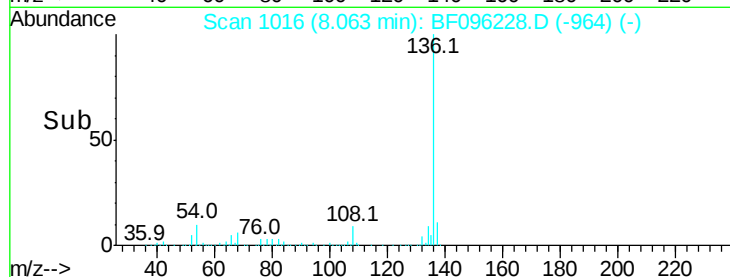


Abundance Ion 136.00 (135.70 to 136.70): E

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: 18.65 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.02 min

Lab File: BF096228.D

Acq: 27 Jun 2017 20:49

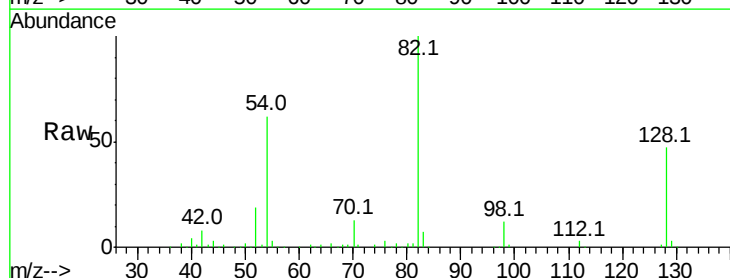
Tgt Ion: 82 Resp: 198171

Ion Ratio Lower Upper

82 100

128 46.8 34.0 51.0

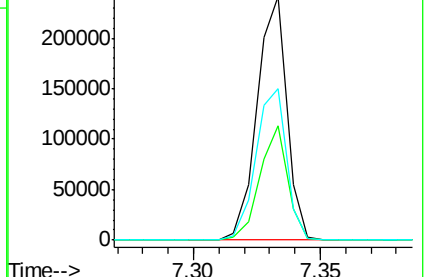
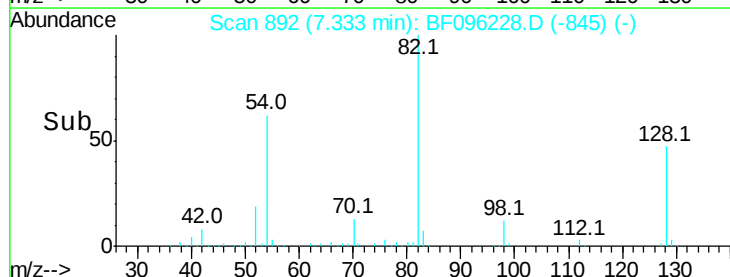
54 62.0 42.2 63.2

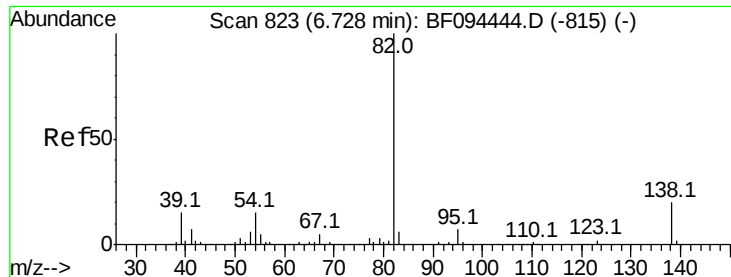


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 8.20 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.26 min

Lab File: BF096228.D

Acq: 27 Jun 2017 20:49

Instrument :

BNA_F

ClientSampleId :

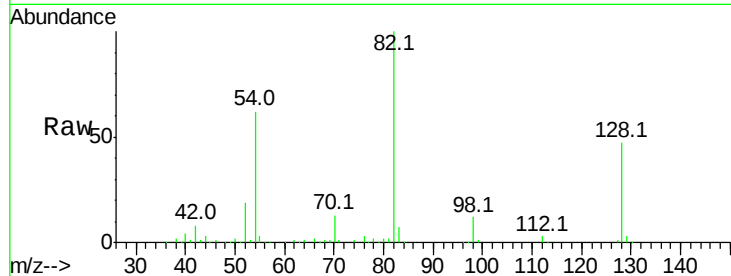
Tot Ion: 82 Resp: 198008

Ion Ratio Lower Upper

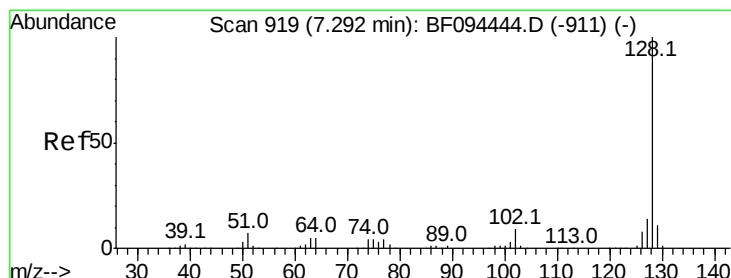
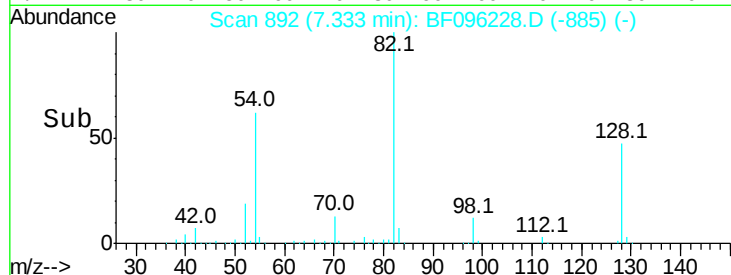
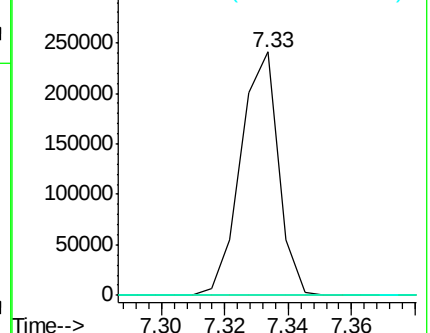
82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#31

Naphthalene

Concen: 5.93 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BF096228.D

Acq: 27 Jun 2017 20:49

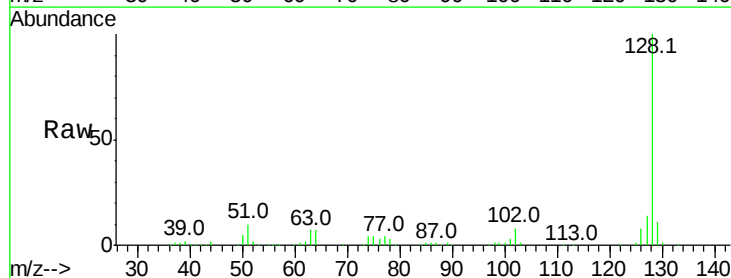
Tgt Ion:128 Resp: 210174

Ion Ratio Lower Upper

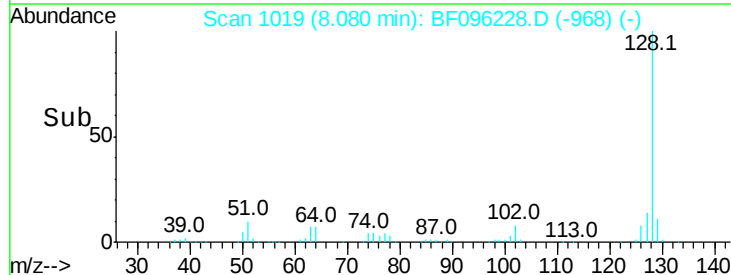
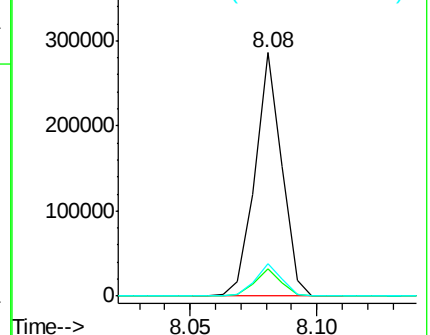
128 100

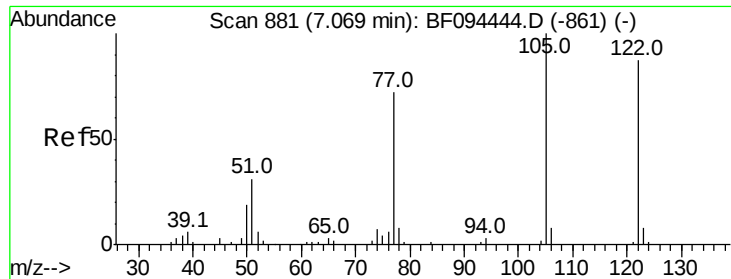
129 11.2 9.0 13.6

127 13.5 10.8 16.2



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

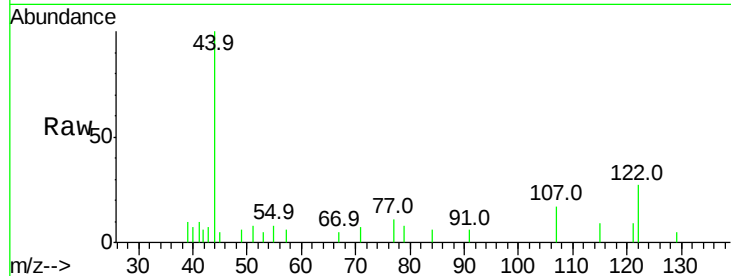




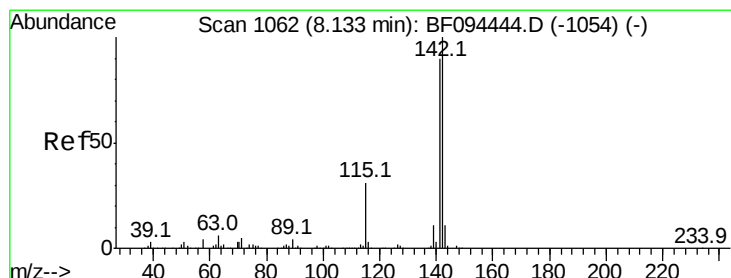
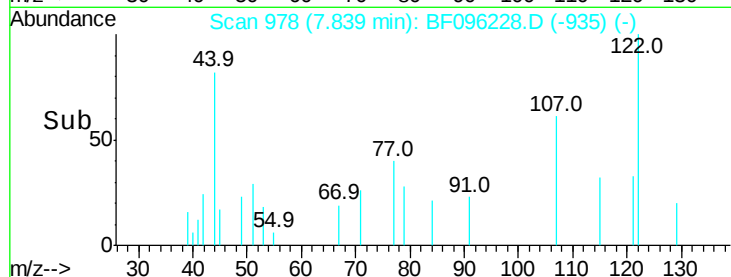
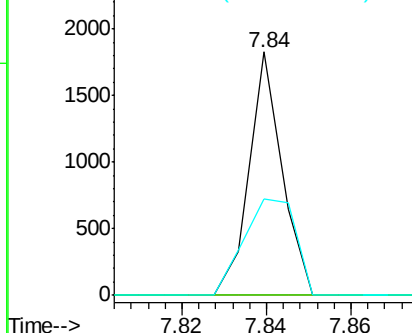
#32
Benzoic acid
Concen: 8.89 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.05 min
Lab File: BF096228.D
Acq: 27 Jun 2017 20:49

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	39.8	73.7	113.7#

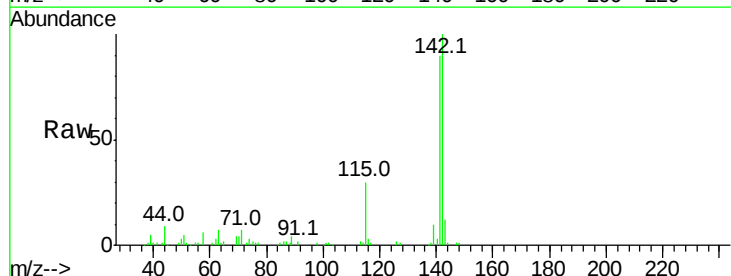


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

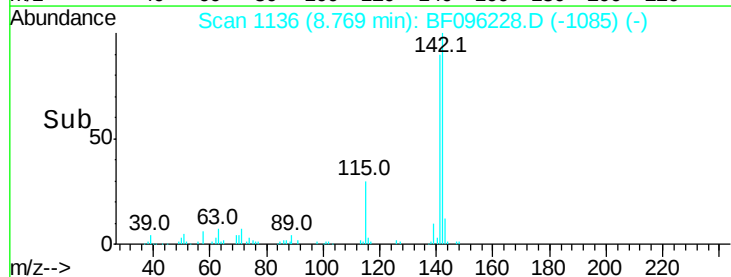
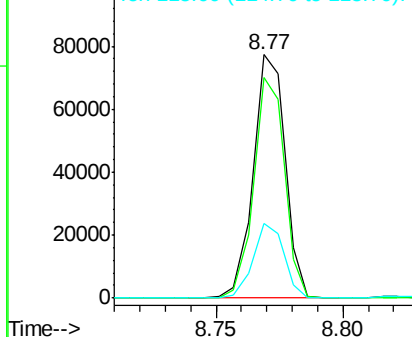


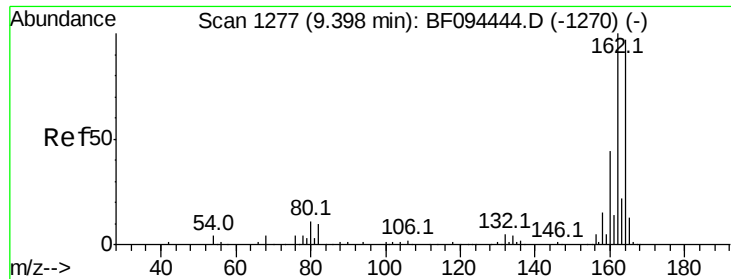
#37
2-Methylnaphthalene
Concen: 2.96 ng
RT: 8.77 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BF096228.D
Acq: 27 Jun 2017 20:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.3	106.9
115	30.5	27.1	40.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

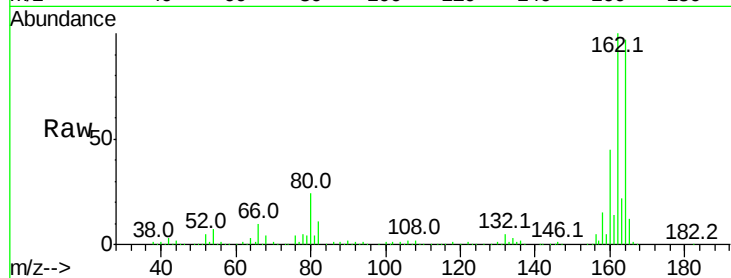




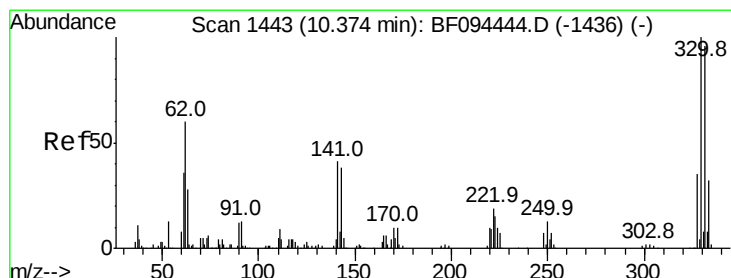
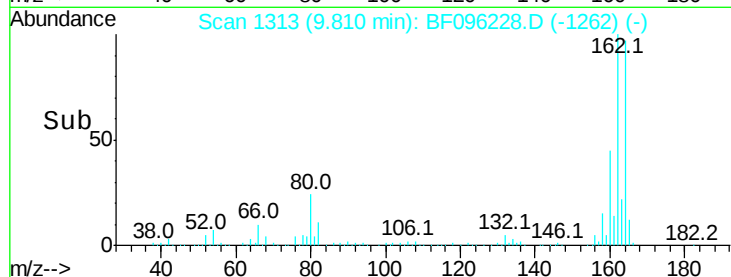
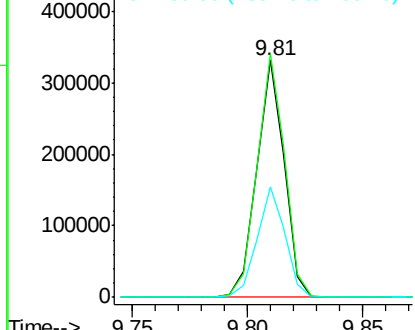
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.00 min
 Lab File: BF096228.D
 Acq: 27 Jun 2017 20:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 275122
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.6 123.8
 160 46.4 36.2 54.2

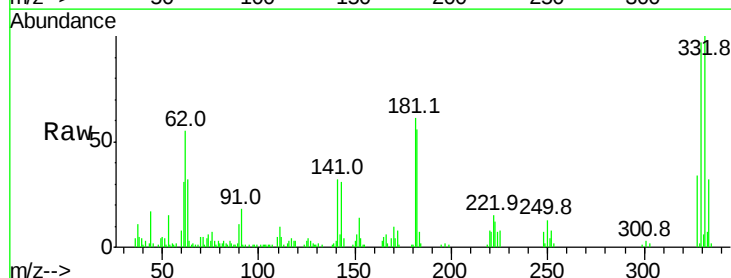


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

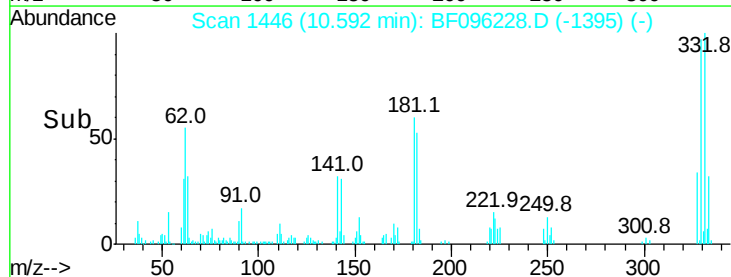
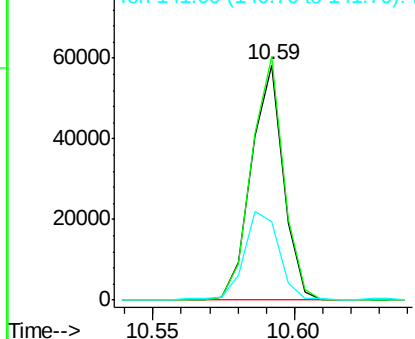


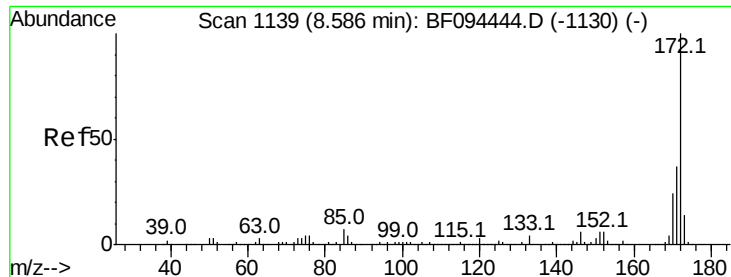
#41
 2,4,6-Tribromophenol
 Concen: 21.24 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.00 min
 Lab File: BF096228.D
 Acq: 27 Jun 2017 20:49

Tgt Ion:330 Resp: 45984
 Ion Ratio Lower Upper
 330 100
 332 102.8 76.6 115.0
 141 41.7 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

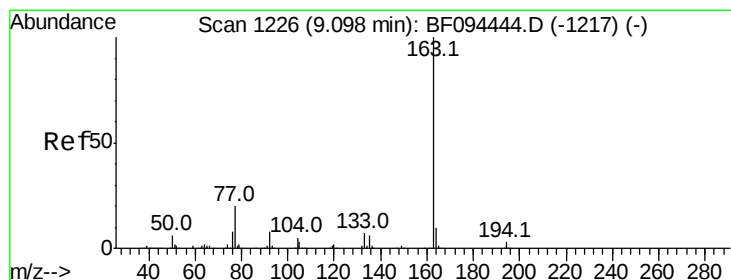
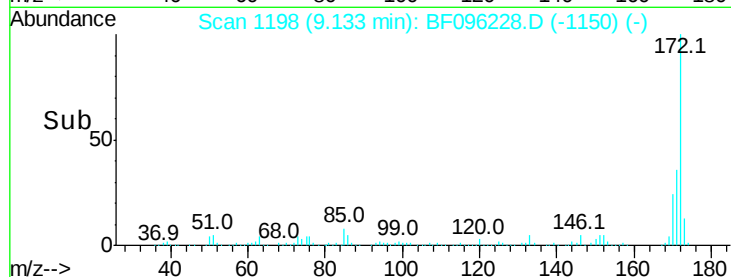
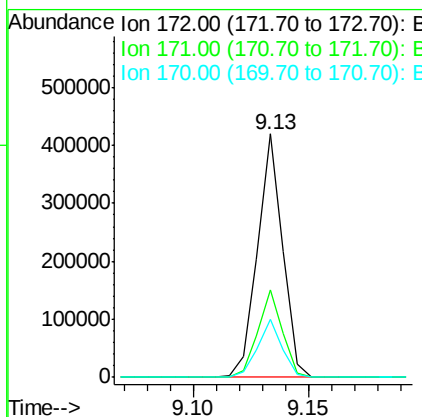
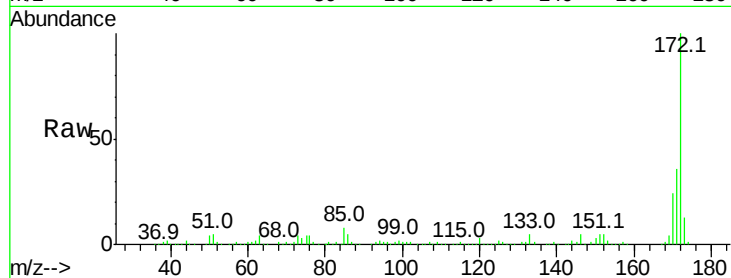




#44
2-Fluorobiphenyl
Concen: 21.23 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BF096228.D
Acq: 27 Jun 2017 20:49

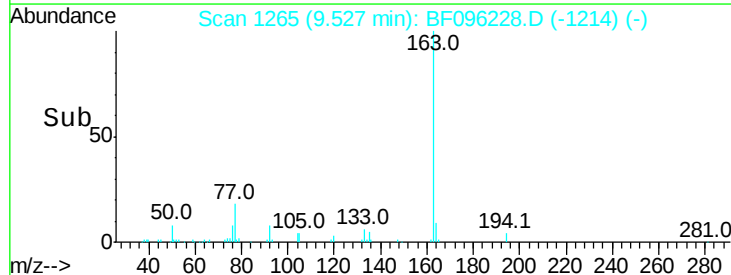
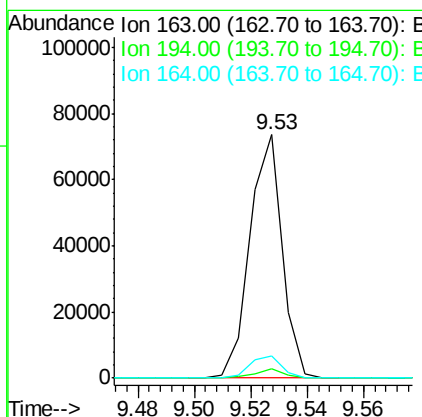
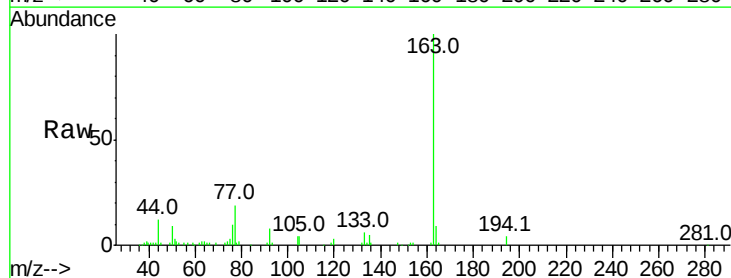
Instrument :
BNA_F
ClientSampled :

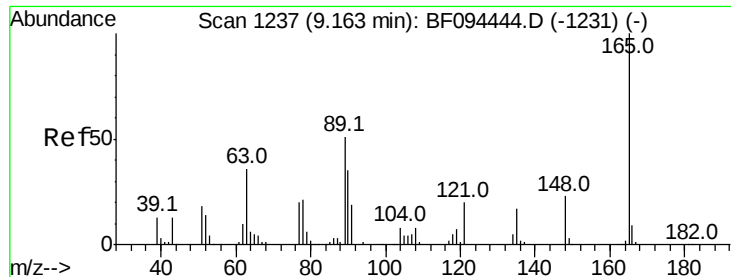
Tot Ion:172 Resp: 318953
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.8 19.8 29.8



#49
Dimethylphthalate
Concen: 2.95 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BF096228.D
Acq: 27 Jun 2017 20:49

Tgt Ion:163 Resp: 58033
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 9.3 8.4 12.6

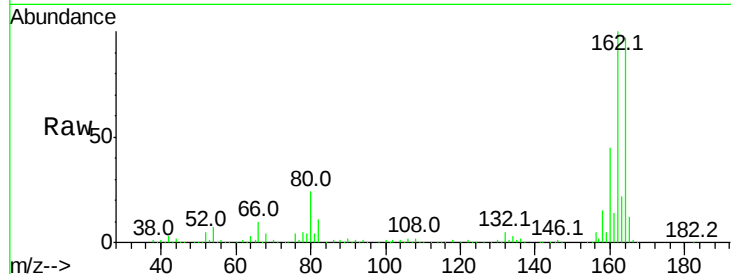




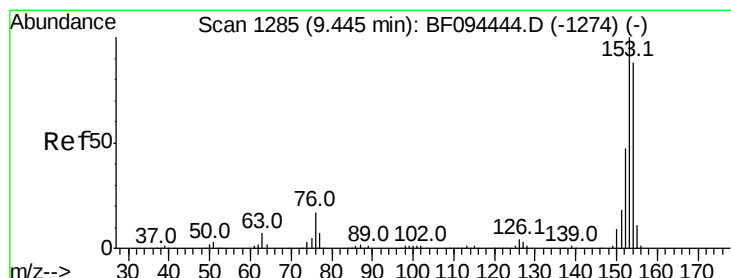
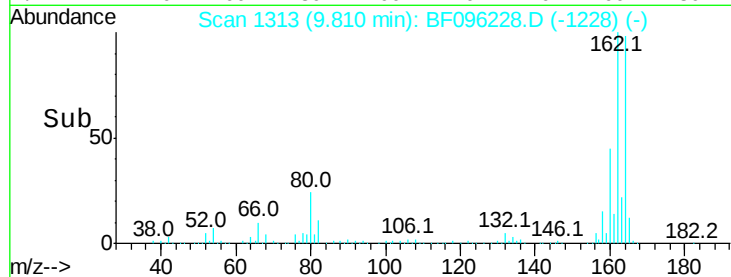
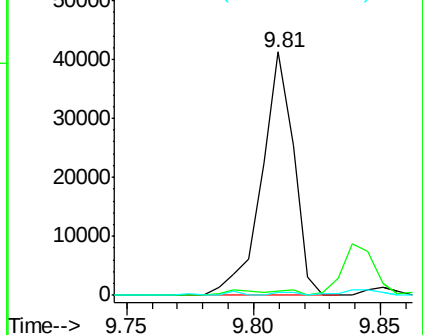
#50
 2,6-Dinitrotoluene
 Concen: 8.88 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.20 min
 Lab File: BF096228.D
 Acq: 27 Jun 2017 20:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	34.3	51.5#
89	1.4	37.1	55.7#

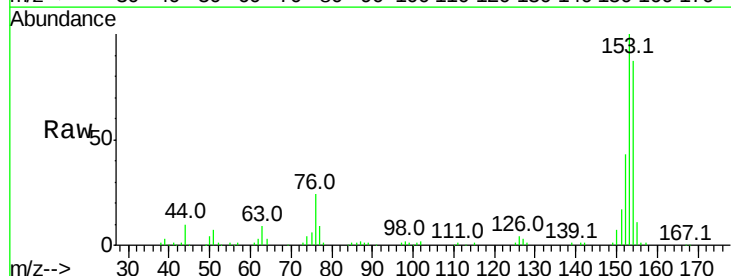


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

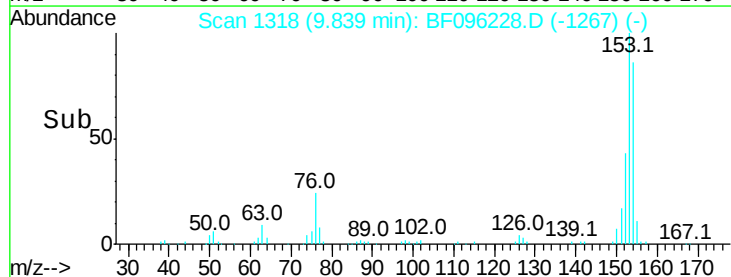
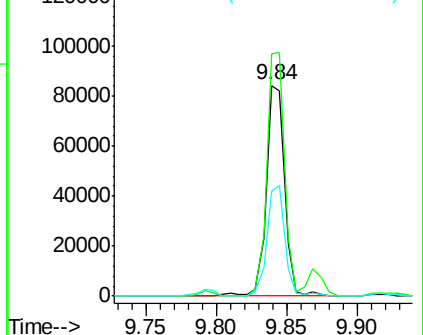


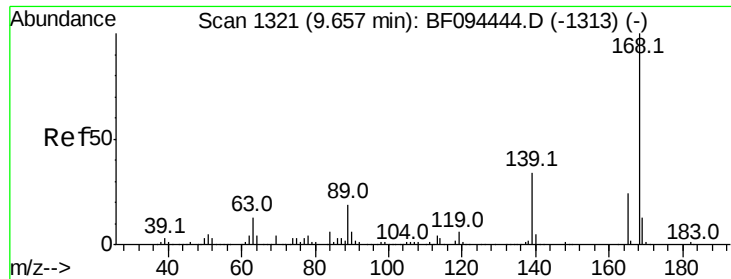
#51
 Acenaphthene
 Concen: 4.59 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF096228.D
 Acq: 27 Jun 2017 20:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.5	90.5	135.7
152	49.9	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

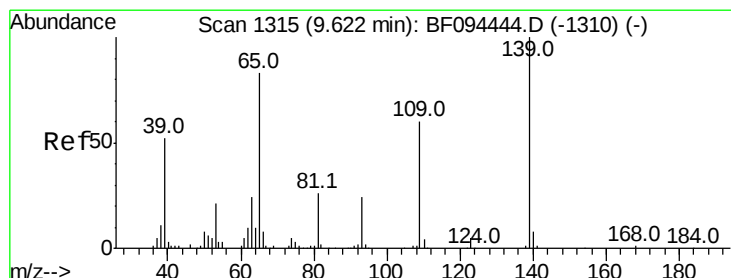
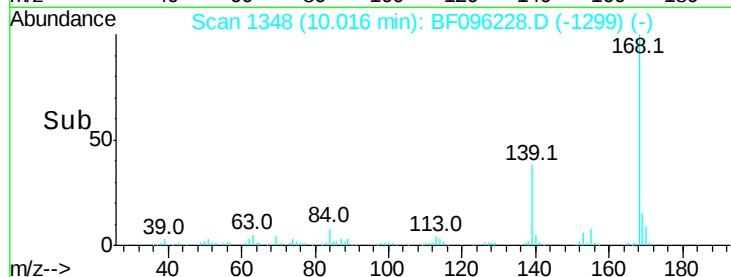
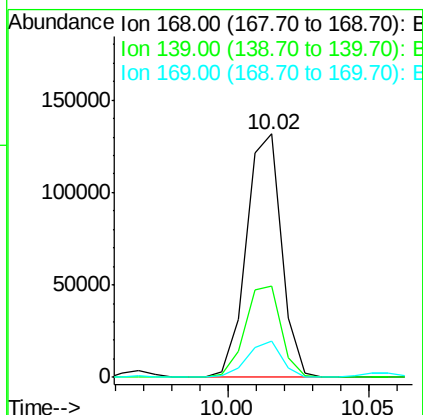
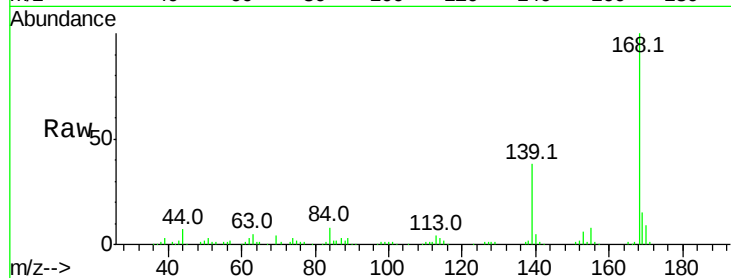




#54
Dibenzofuran
Concen: 5.10 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF096228.D
Acq: 27 Jun 2017 20:49

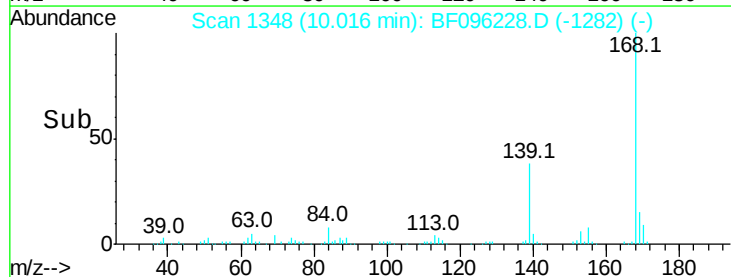
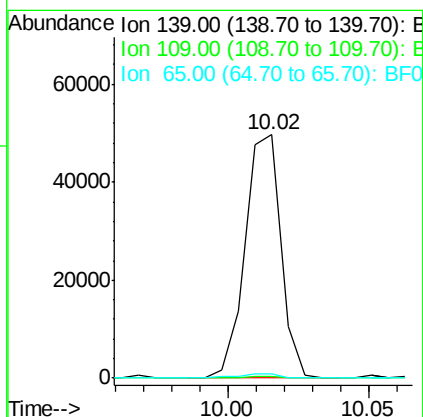
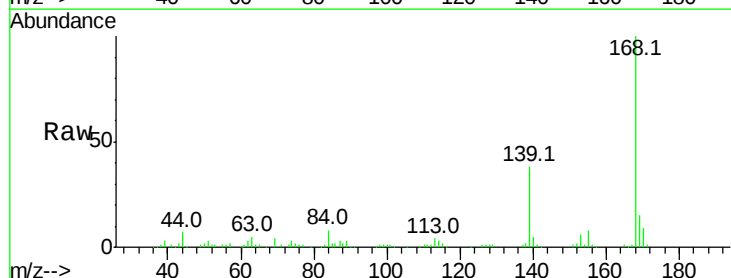
Instrument :
BNA_F
ClientSampleId :

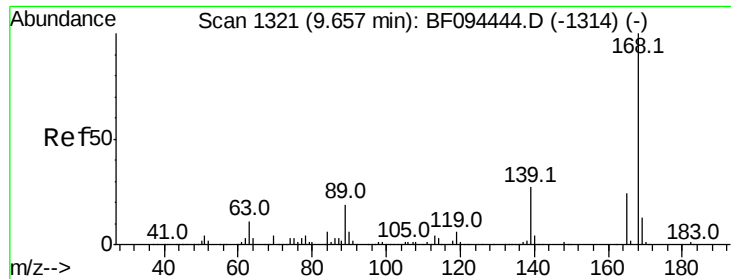
Tot Ion:168 Resp: 113831
Ion Ratio Lower Upper
168 100
139 37.7 30.6 45.8
169 14.8 10.8 16.2



#55
4-Nitrophenol
Concen: 10.30 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.09 min
Lab File: BF096228.D
Acq: 27 Jun 2017 20:49

Tgt Ion:139 Resp: 43692
Ion Ratio Lower Upper
139 100
109 0.9 34.1 74.1#
65 1.9 31.4 71.4#

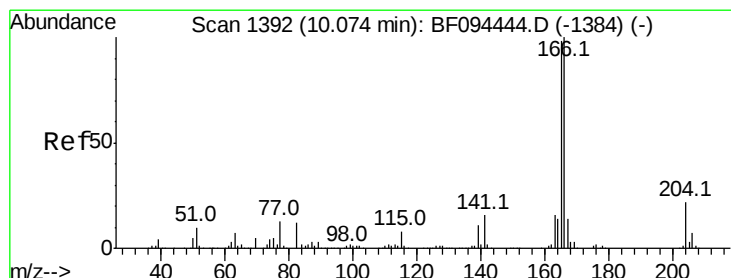
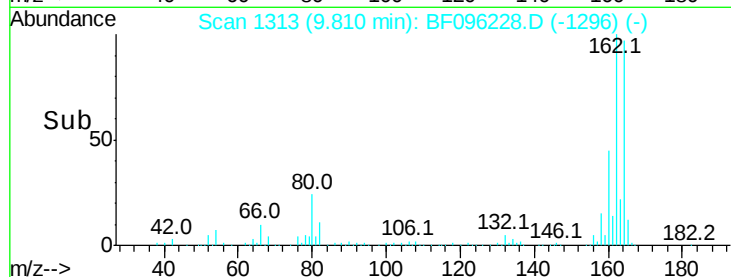
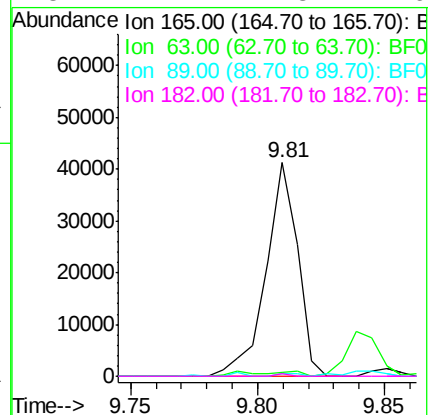
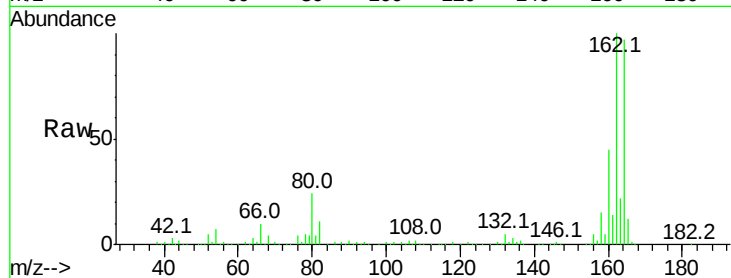




#56
2,4-Dinitrotoluene
Concen: 7.04 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.20 min
Lab File: BF096228.D
Acq: 27 Jun 2017 20:49

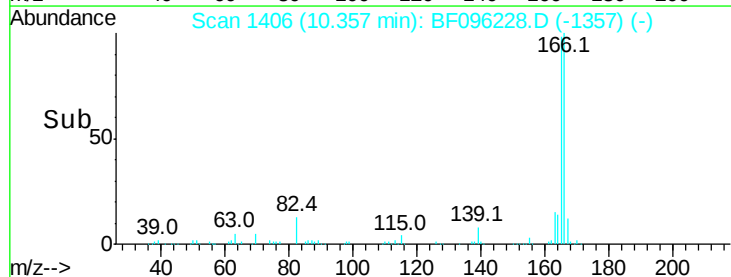
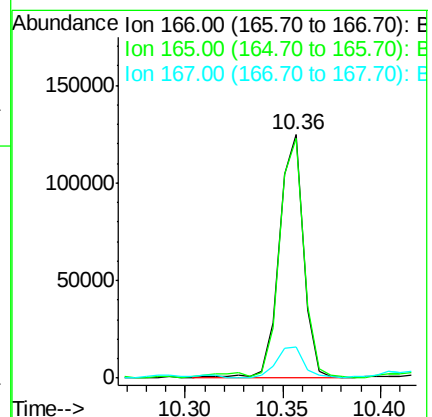
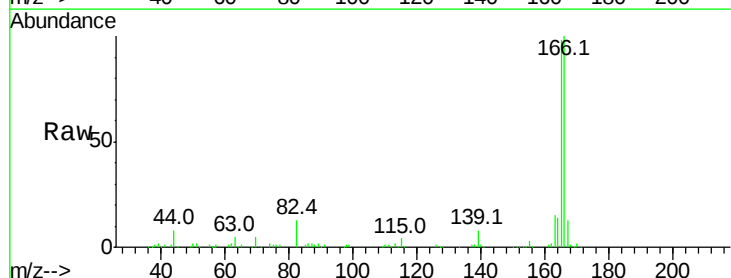
Instrument :
BNA_F
ClientSampleId :

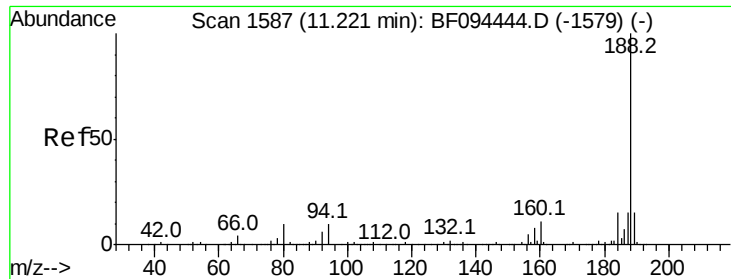
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	25.4	38.0#
89	1.4	46.4	69.6#
182	1.1	1.8	2.6#



#57
Fluorene
Concen: 7.05 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF096228.D
Acq: 27 Jun 2017 20:49

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.8	118.2
167	12.9	10.6	16.0

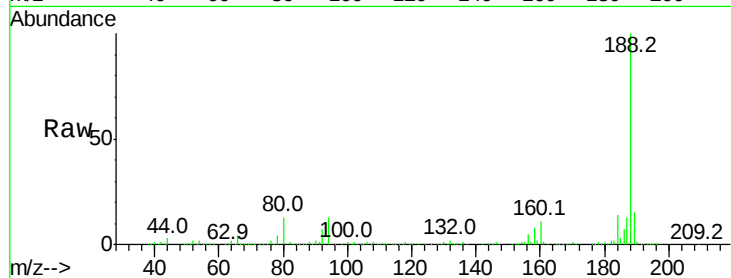




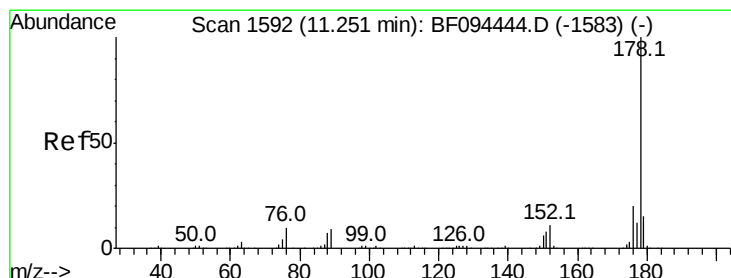
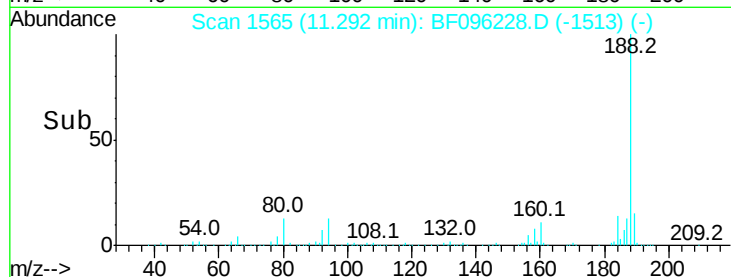
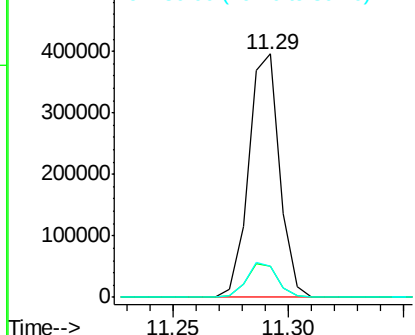
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BF096228.D
Acq: 27 Jun 2017 20:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 370303
Ion Ratio Lower Upper
188 100
94 12.6 9.4 14.2
80 12.6 10.2 15.2

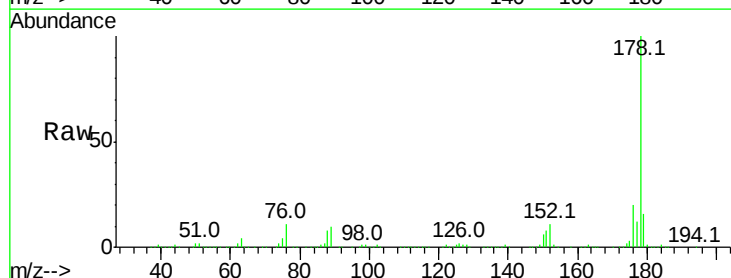


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

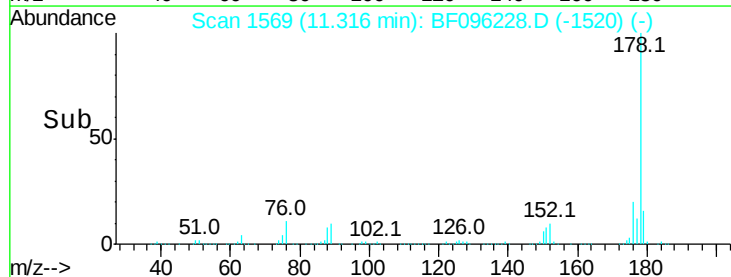
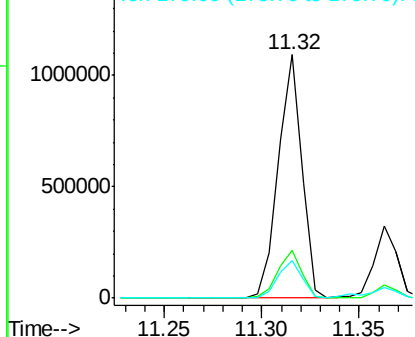


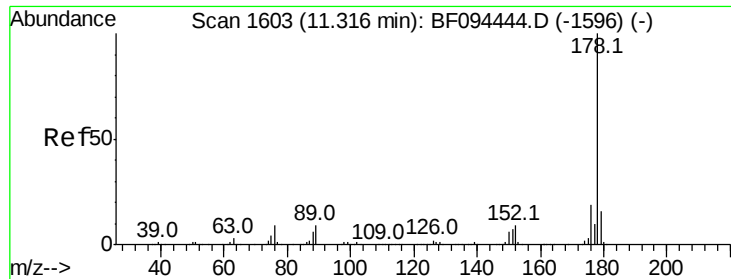
#70
Phenanthrene
Concen: 50.32 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF096228.D
Acq: 27 Jun 2017 20:49

Tgt Ion:178 Resp: 917690
Ion Ratio Lower Upper
178 100
176 19.6 16.2 24.4
179 15.6 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

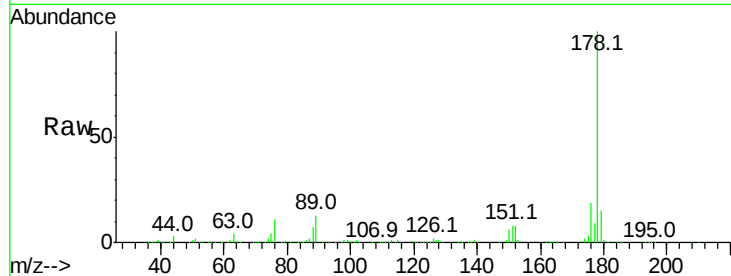




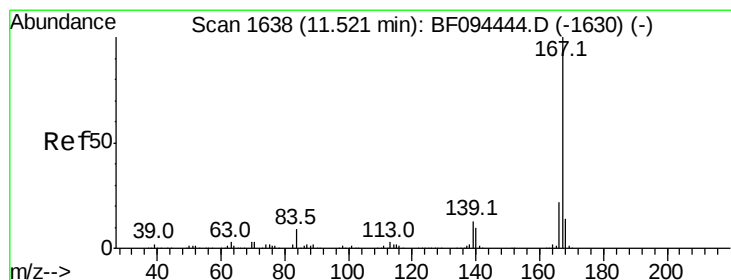
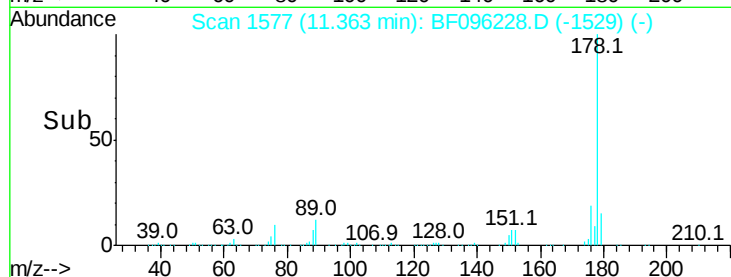
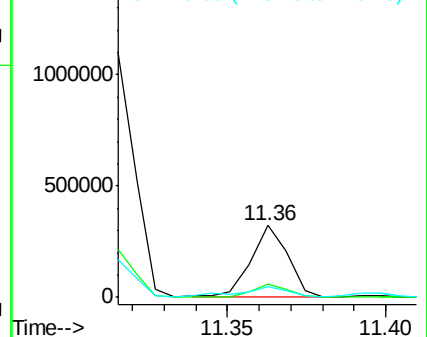
#71
 Anthracene
 Concen: 12.31 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.02 min
 Lab File: BF096228.D
 Acq: 27 Jun 2017 20:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 254728
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.5 12.7 19.1

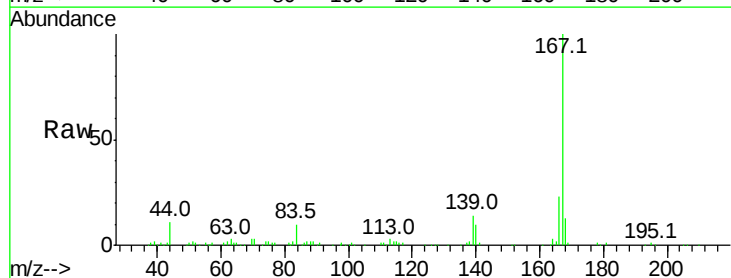


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

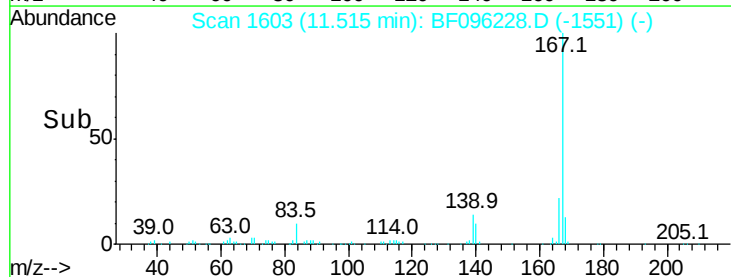
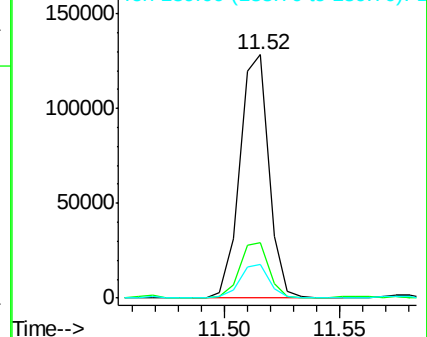


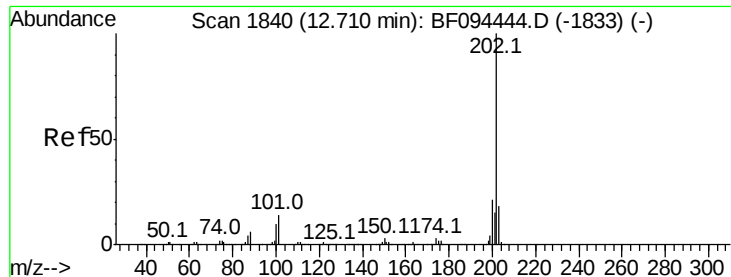
#72
 Carbazole
 Concen: 4.95 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. 0.01 min
 Lab File: BF096228.D
 Acq: 27 Jun 2017 20:49

Tgt Ion:167 Resp: 113105
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.1 27.1
 139 13.7 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: 42.24 ng

RT: 12.50 min Scan# 1770

Delta R.T. 0.01 min

Lab File: BF096228.D

Acq: 27 Jun 2017 20:49

Instrument :

BNA_F

ClientSampleId :

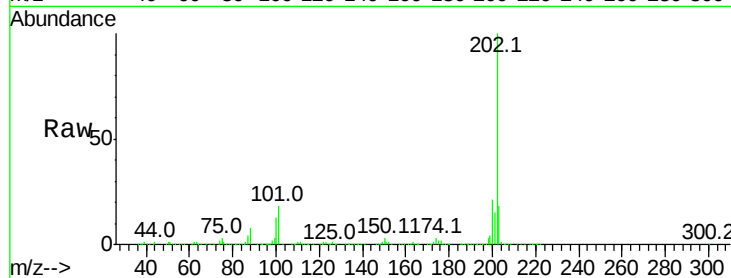
Tot Ion:202 Resp: 868815

Ion Ratio Lower Upper

202 100

101 17.5 0.0 33.2

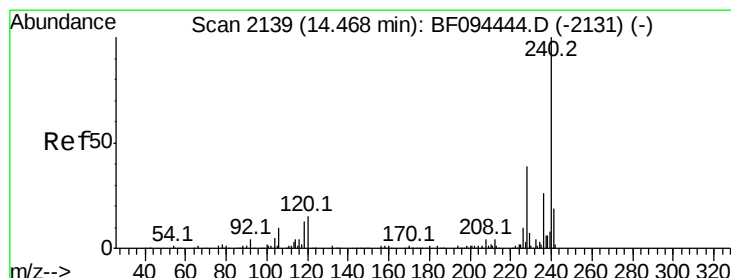
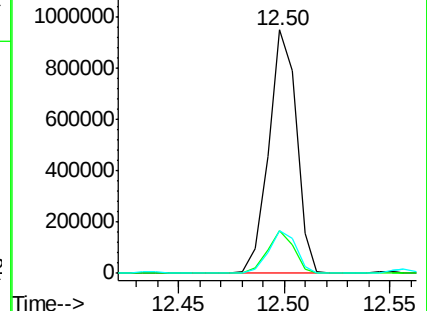
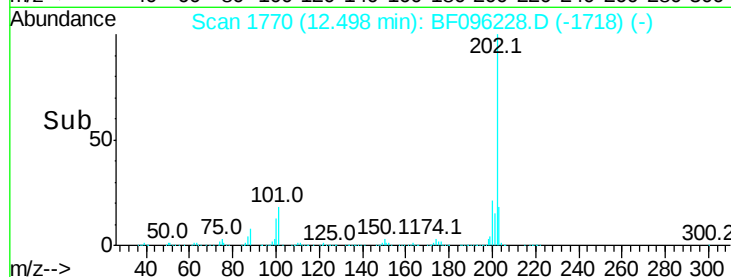
203 17.5 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF096228.D

Acq: 27 Jun 2017 20:49

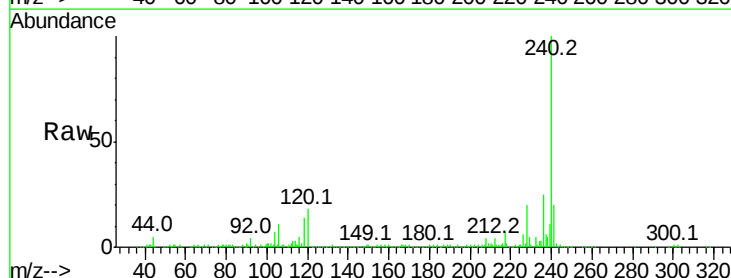
Tgt Ion:240 Resp: 316975

Ion Ratio Lower Upper

240 100

120 17.9 5.8 8.8#

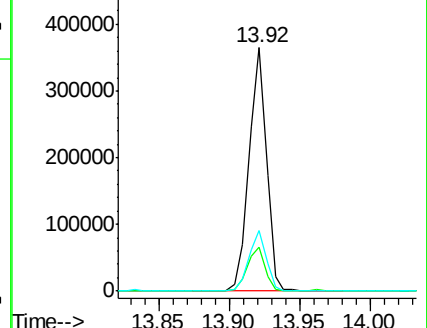
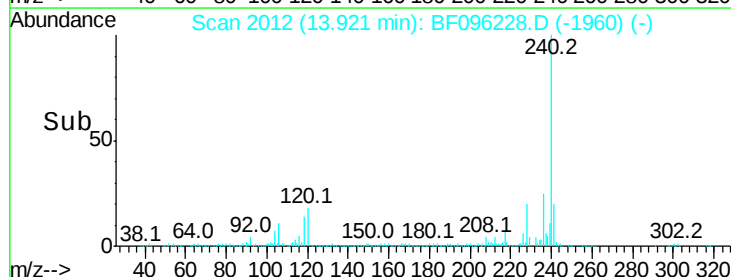
236 25.1 20.5 30.7

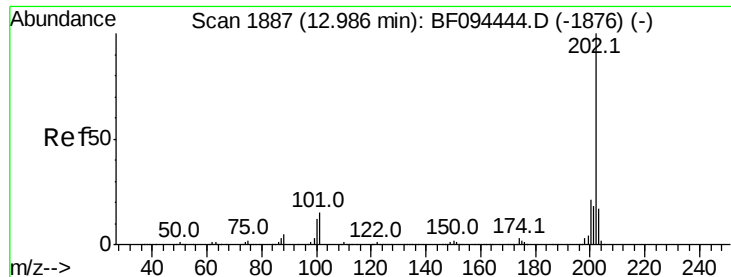


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 30.29 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF096228.D

Acq: 27 Jun 2017 20:49

Instrument :

BNA_F

ClientSampled :

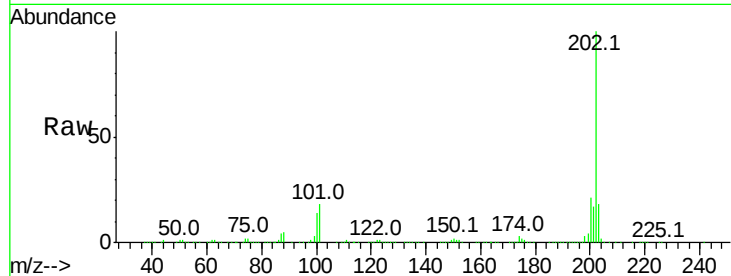
Tot Ion:202 Resp: 789009

Ion Ratio Lower Upper

202 100

200 21.0 17.6 26.4

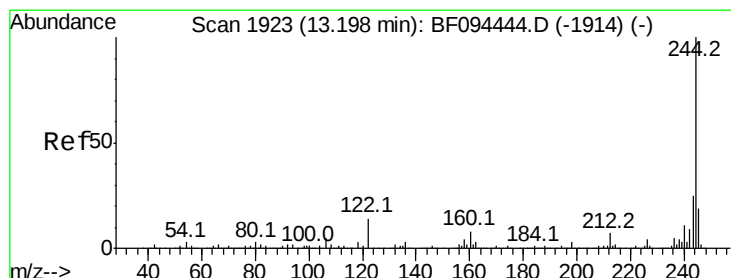
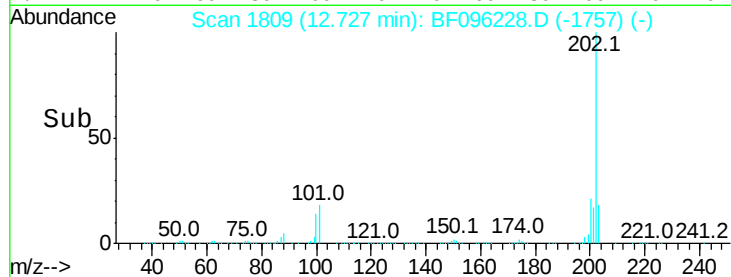
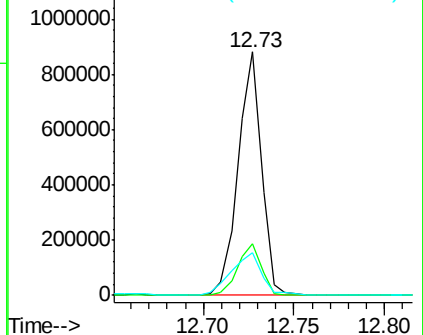
203 17.7 14.4 21.6



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: 12.79 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF096228.D

Acq: 27 Jun 2017 20:49

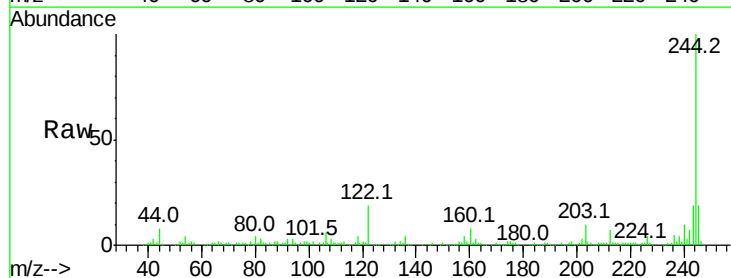
Tgt Ion:244 Resp: 162522

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

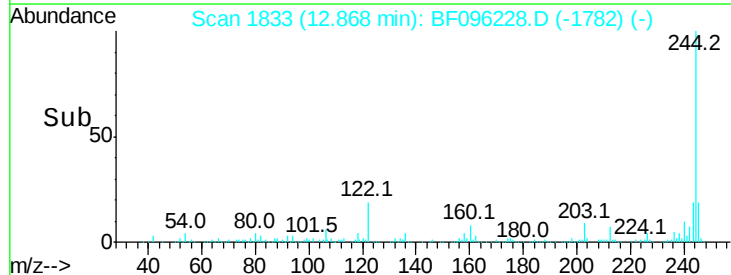
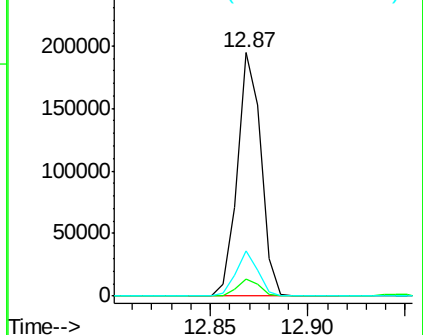
122 18.8 10.3 15.5#

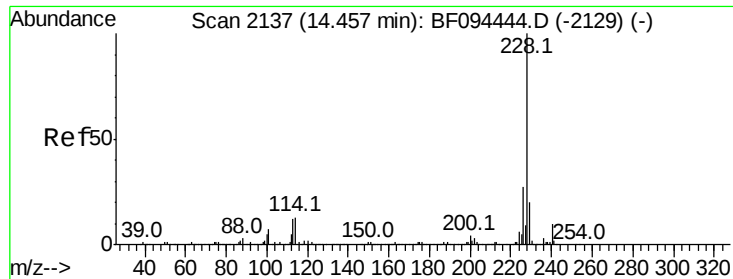


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

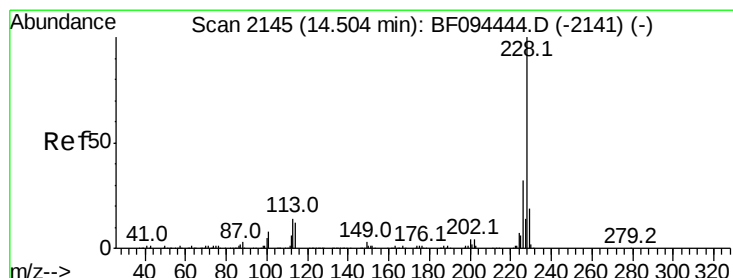
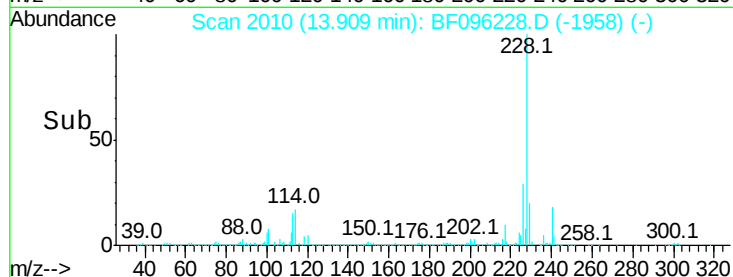
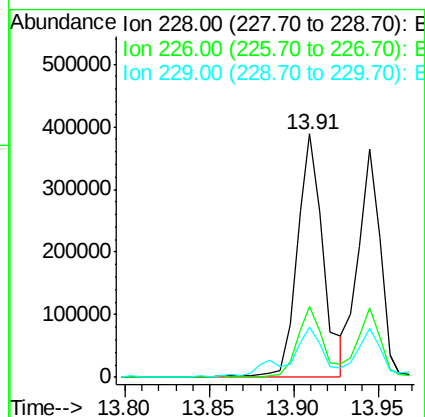
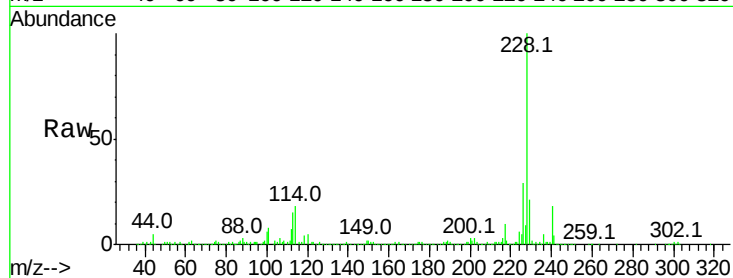




#80
Benzo(a)anthracene
Concen: 21.30 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF096228.D
Acq: 27 Jun 2017 20:49

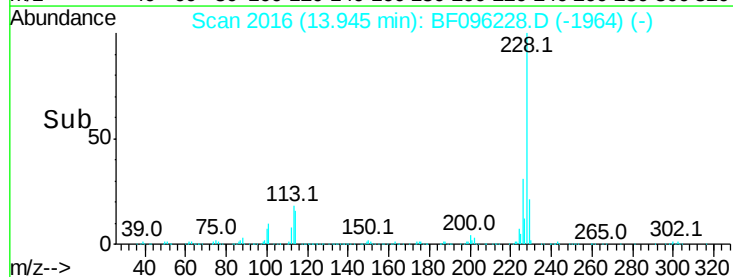
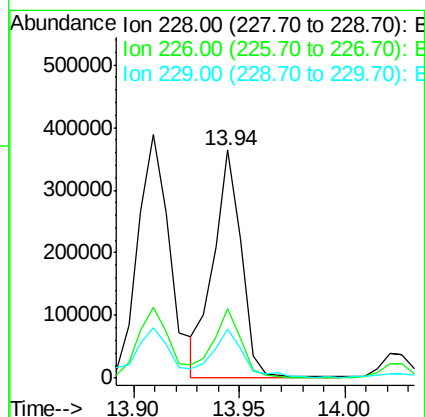
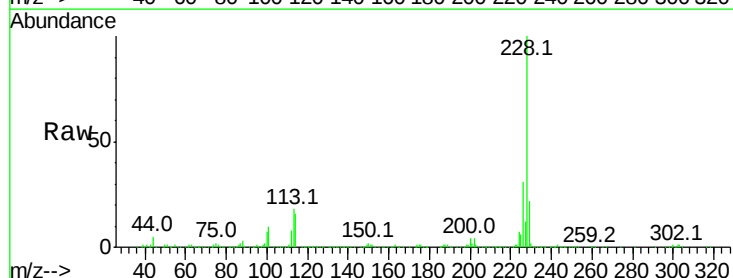
Instrument :
BNA_F
ClientSampleId :

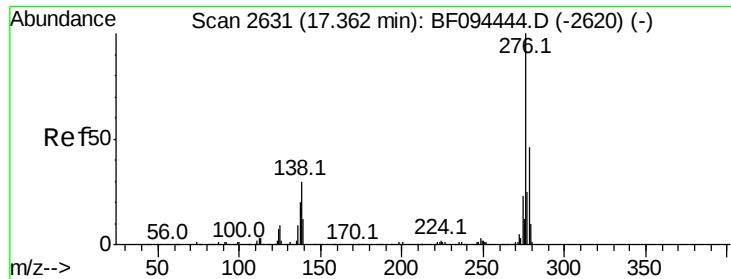
Tot Ion:228 Resp: 411635
Ion Ratio Lower Upper
228 100
226 28.9 22.6 33.8
229 20.7 16.3 24.5



#82
Chrysene
Concen: 16.67 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF096228.D
Acq: 27 Jun 2017 20:49

Tgt Ion:228 Resp: 333143
Ion Ratio Lower Upper
228 100
226 30.7 24.9 37.3
229 21.5 15.8 23.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 8.43 ng

RT: 16.73 min Scan# 2489

Delta R.T. 0.01 min

Lab File: BF096228.D

Acq: 27 Jun 2017 20:49

Instrument :

BNA_F

ClientSampleId :

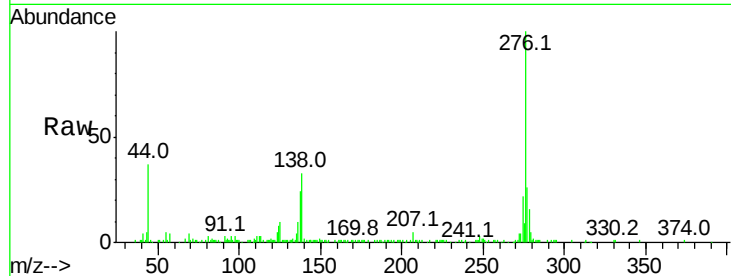
Tot Ion:276 Resp: 139801

Ion	Ratio	Lower	Upper
276	100		
138	33.8	27.8	41.6
277	23.1	20.2	30.4

276 100

138 33.8 27.8 41.6

277 23.1 20.2 30.4

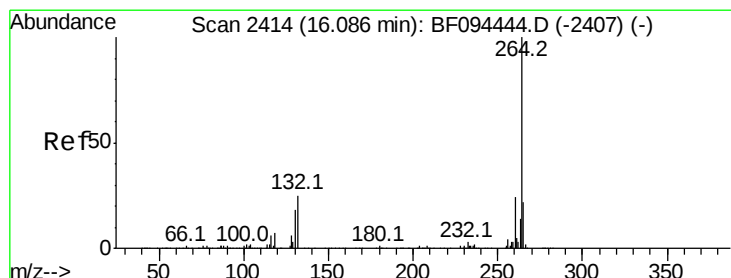
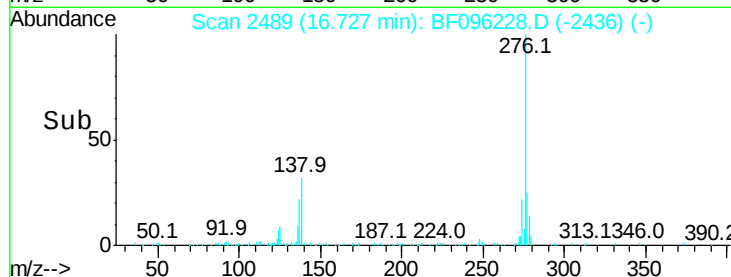
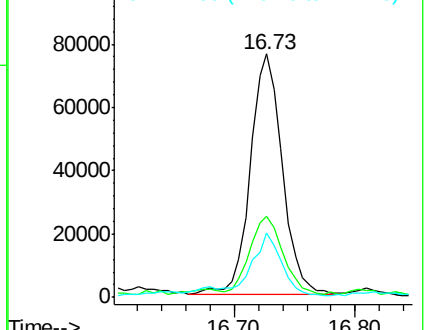


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.34 min Scan# 2254

Delta R.T. 0.01 min

Lab File: BF096228.D

Acq: 27 Jun 2017 20:49

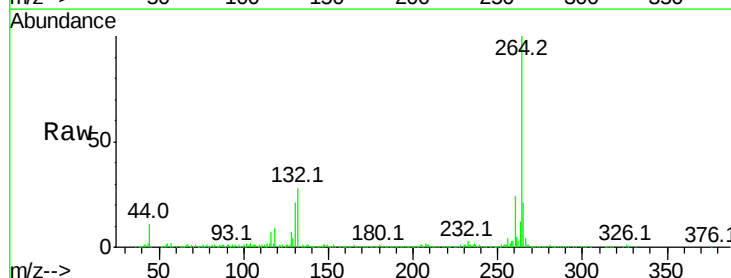
Tgt Ion:264 Resp: 283142

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.5	17.2	25.8

264 100

260 23.6 19.5 29.3

265 21.5 17.2 25.8

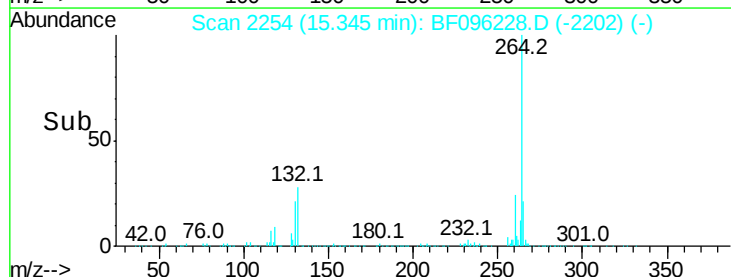
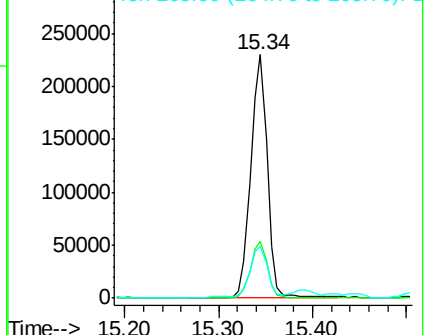


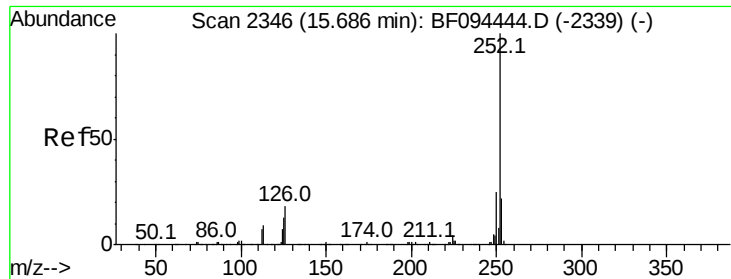
Abundance

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: 27.81 ng

RT: 14.94 min Scan# 2185

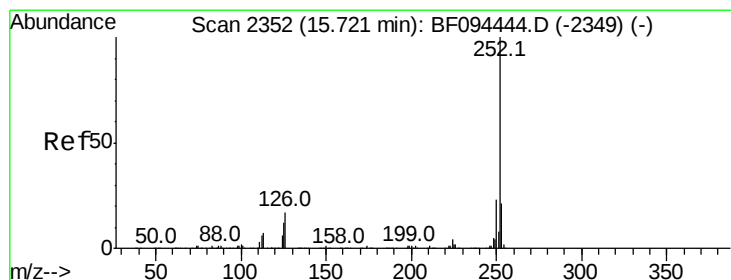
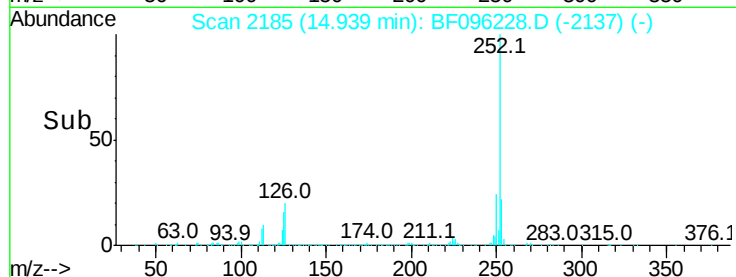
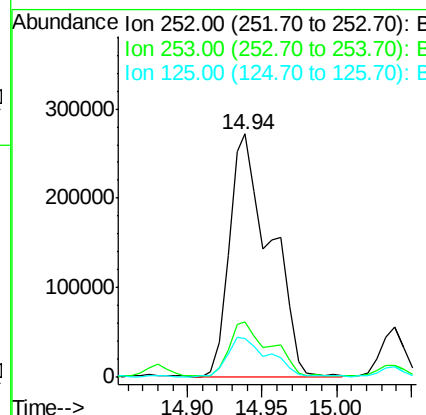
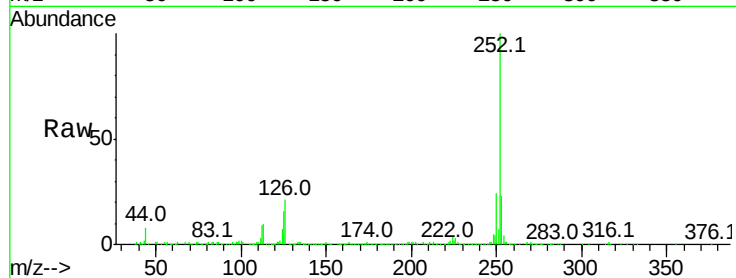
Delta R.T. -0.02 min

Lab File: BF096228.D

Acq: 27 Jun 2017 20:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	15.9	9.8	14.8#



#88

Benzo(k)fluoranthene

Concen: 30.47 ng

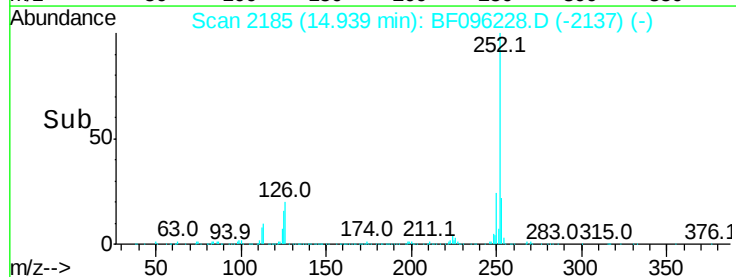
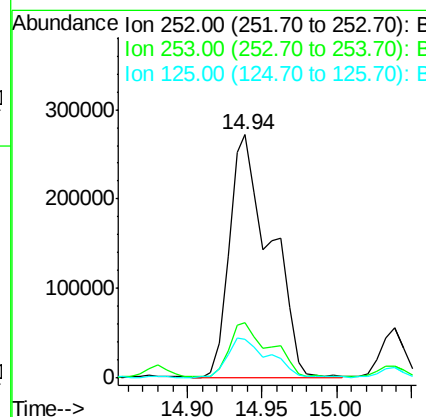
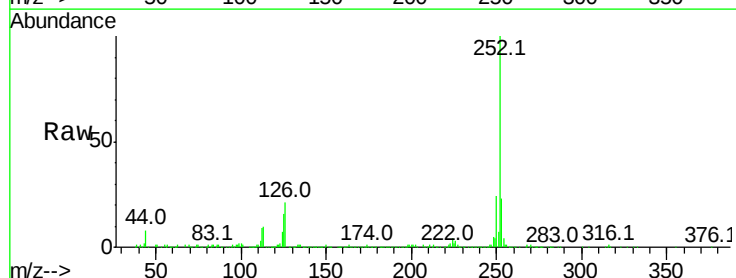
RT: 14.94 min Scan# 2185

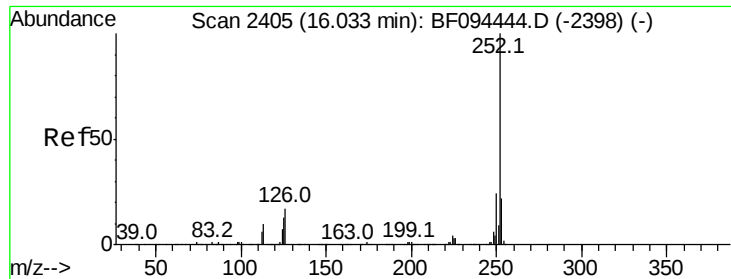
Delta R.T. -0.02 min

Lab File: BF096228.D

Acq: 27 Jun 2017 20:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	15.9	13.1	19.7

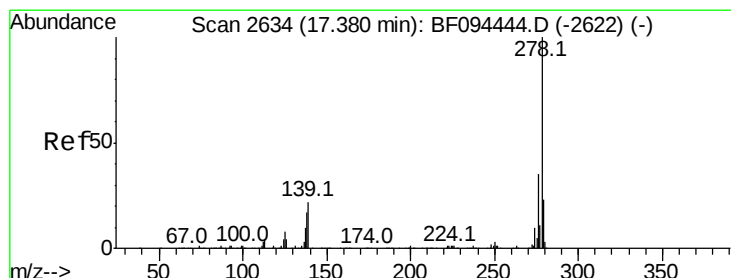
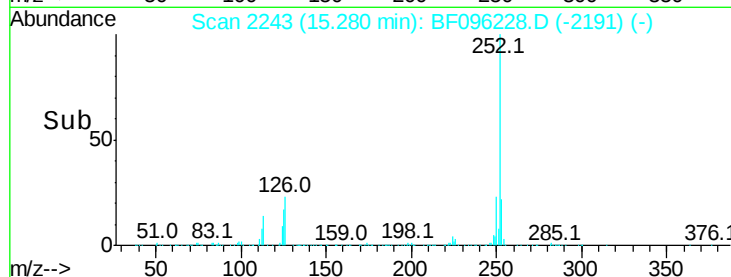
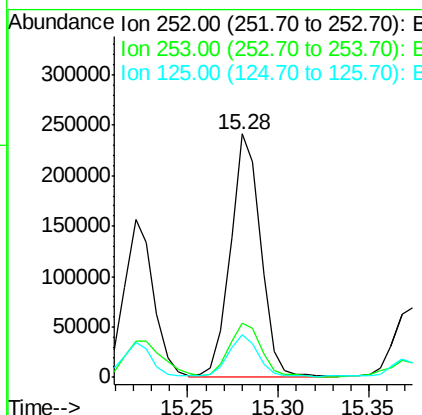
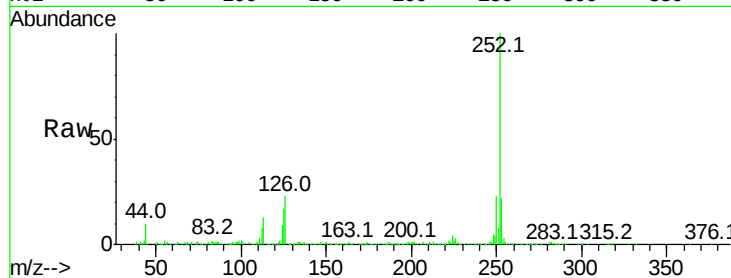




#89
Benzo(a)pyrene
Concen: 16.89 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF096228.D
Acq: 27 Jun 2017 20:49

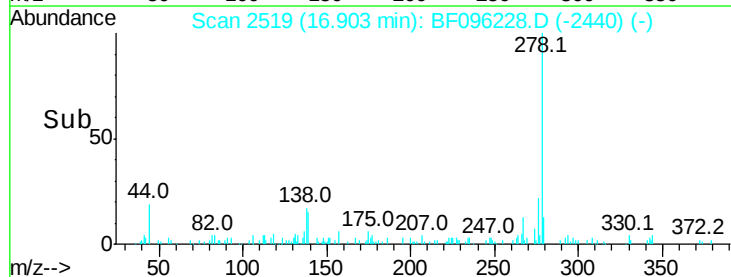
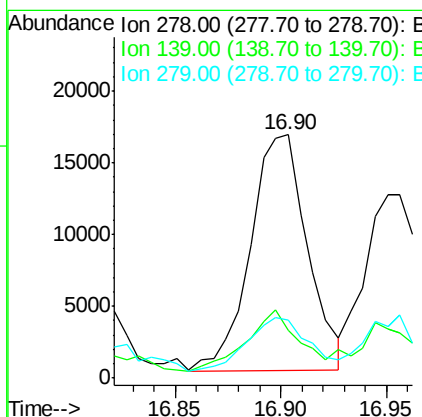
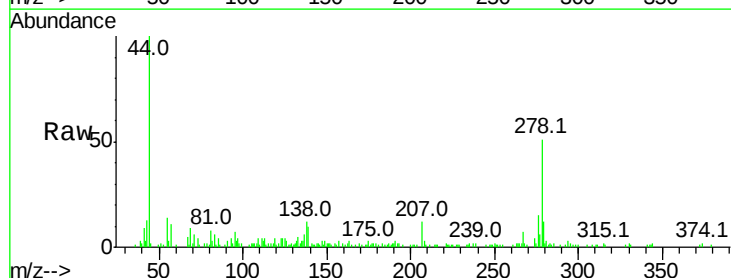
Instrument :
BNA_F
ClientSampleId :

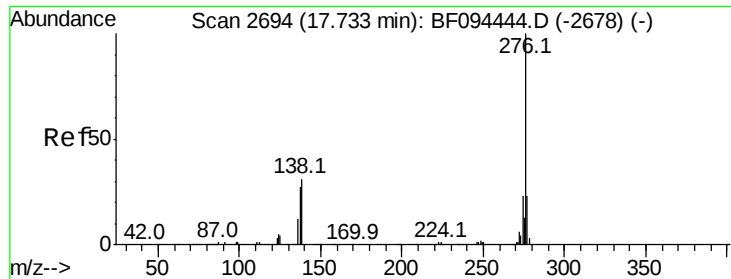
Tot Ion:252 Resp: 277477
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 17.3 11.0 16.4#



#90
Dibenzo(a,h)anthracene
Concen: 2.41 ng
RT: 16.90 min Scan# 2519
Delta R.T. 0.16 min
Lab File: BF096228.D
Acq: 27 Jun 2017 20:49

Tgt Ion:278 Resp: 30958
Ion Ratio Lower Upper
278 100
139 19.8 16.6 24.8
279 23.8 19.3 28.9





#91
 Benzo(a,h,i)perylene
 Concen: 9.53 ng
 RT: 17.14 min Scan# 2560
 Delta R.T. 0.01 min
 Lab File: BF096228.D
 Acq: 27 Jun 2017 20:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.6	28.0
138	33.9	25.4	38.0

