

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062717\
 Data File : BF096226.D
 Acq On : 27 Jun 2017 19:53
 Operator : SJ/MA
 Sample : I3920-02 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 28 04:06:54 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	175603	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	730876	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	274283	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	373543	20.00	ng	0.00
75) Chrysene-d12	13.92	240	310397	20.00	ng	0.00
86) Perylene-d12	15.34	264	285754	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	316509	25.97	ng	0.00
7) Phenol-d6	6.40	99	379475	25.71	ng	0.00
23) Nitrobenzene-d5	7.33	82	191440	18.13	ng	-0.03
41) 2,4,6-Tribromophenol	10.59	330	45110	20.90	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	315059	21.04	ng	-0.02
78) Terphenyl-d14	12.87	244	158458	12.74	ng	0.00

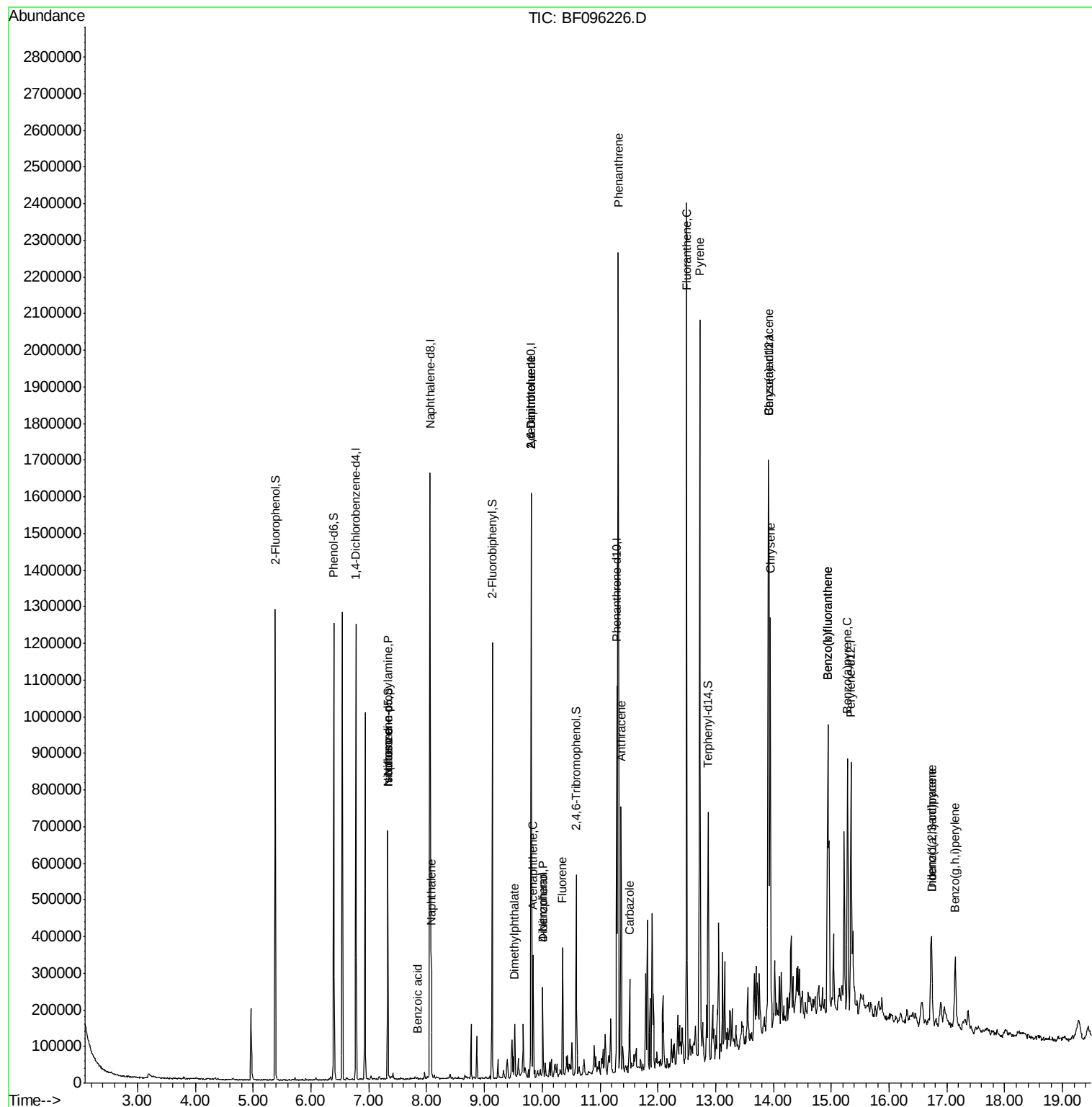
Target Compounds				Qvalue			
9) Benzaldehyde	6.32	77	294	Below Cal	#	58	
19) n-Nitroso-di-n-propylamine	7.33	70	23447	2.65	ng	#	84
25) Isophorone	7.33	82	191436	7.98	ng	#	67
31) Naphthalene	8.08	128	105303	2.99	ng		99
32) Benzoic acid	7.84	122	699	8.86	ng	#	10
49) Dimethylphthalate	9.53	163	56922	2.90	ng		99
50) 2,6-Dinitrotoluene	9.81	165	36176	8.86	ng	#	33
51) Acenaphthene	9.84	154	64592	3.79	ng		99
54) Dibenzofuran	10.01	168	75876	3.41	ng		99
55) 4-Nitrophenol	10.01	139	28826	6.82	ng	#	29
56) 2,4-Dinitrotoluene	9.81	165	36176	7.03	ng	#	33
57) Fluorene	10.35	166	92051	6.01	ng		98
70) Phenanthrene	11.32	178	807272	42.70	ng		98
71) Anthracene	11.36	178	241819	11.58	ng		97
72) Carbazole	11.52	167	98486	4.27	ng		96
74) Fluoranthene	12.50	202	862743	41.58	ng		96
77) Pyrene	12.73	202	768465	30.13	ng		99
80) Benzo(a)anthracene	13.91	228	423237	22.37	ng		99
82) Chrysene	13.95	228	349487	17.86	ng		97
85) Indeno(1,2,3-cd)pyrene	16.73	276	153189	9.43	ng		96
87) Benzo(b)fluoranthene	14.94	252	572332	30.49	ng	#	96
88) Benzo(k)fluoranthene	14.94	252	572332	33.40	ng		99
89) Benzo(a)pyrene	15.28	252	306174	18.47	ng	#	93
90) Dibenzo(a,h)anthracene	16.74	278	38343	2.95	ng	#	91
91) Benzo(g,h,i)perylene	17.14	276	138585	10.27	ng		95

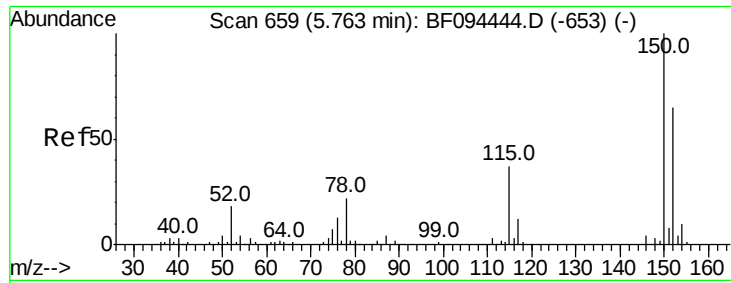
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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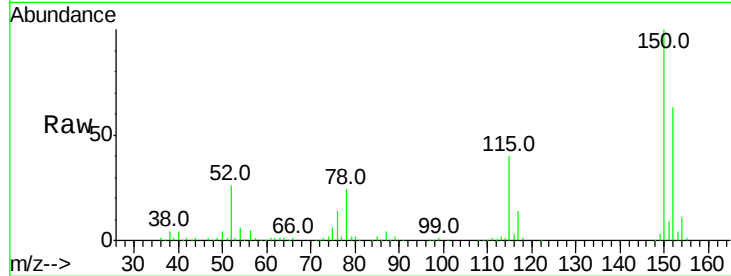


#1

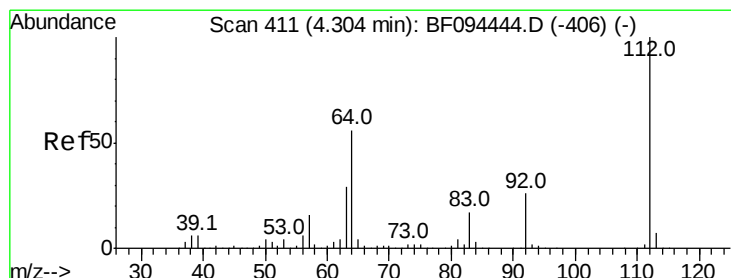
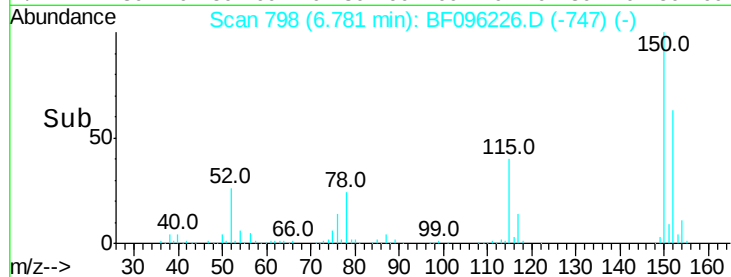
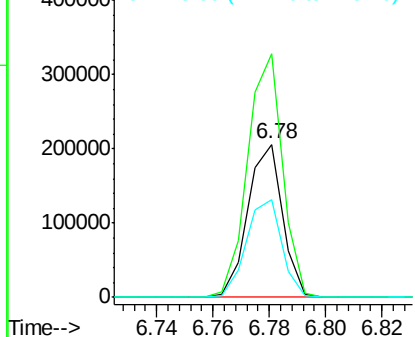
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF096226.D
Acq: 27 Jun 2017 19:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 175603
Ion Ratio Lower Upper
152 100
150 159.2 126.2 189.2
115 64.2 52.2 78.2



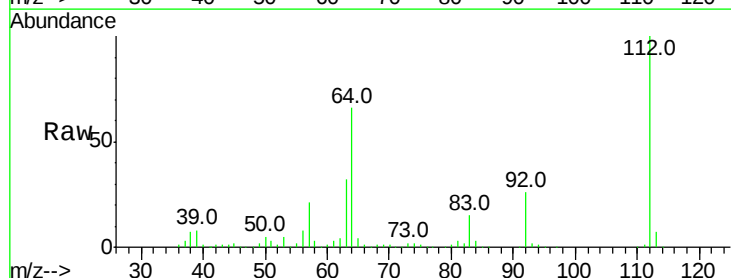
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



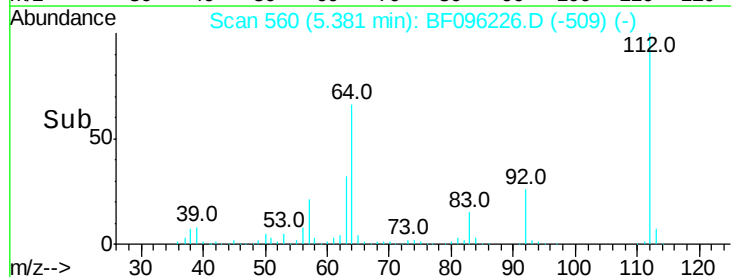
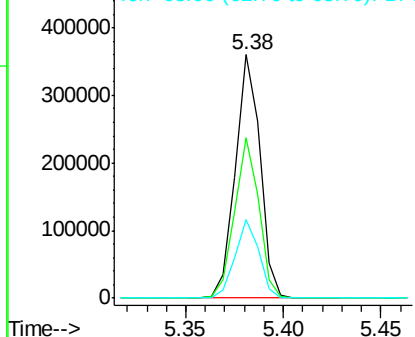
#5

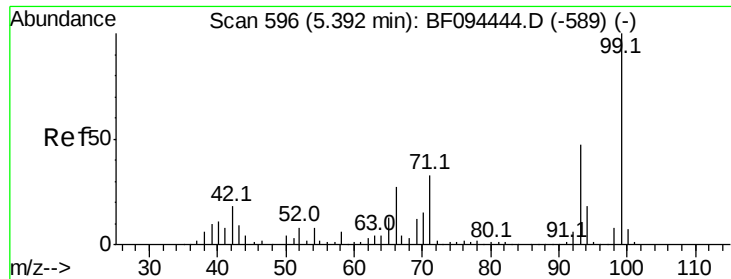
2-Fluorophenol
Concen: 25.97 ng
RT: 5.38 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF096226.D
Acq: 27 Jun 2017 19:53

Tgt Ion:112 Resp: 316509
Ion Ratio Lower Upper
112 100
64 65.9 46.0 69.0
63 32.3 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: 25.71 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF096226.D

Acq: 27 Jun 2017 19:53

Instrument :

BNA_F

ClientSampleId :

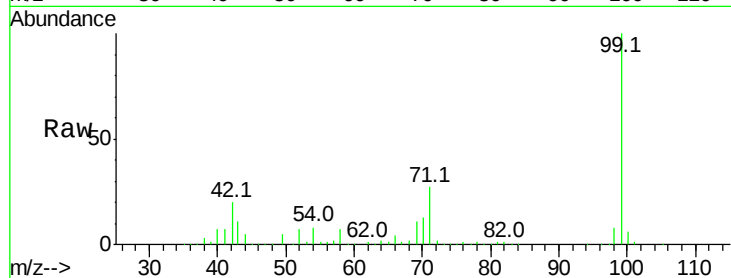
Tot Ion: 99 Resp: 379475

Ion Ratio Lower Upper

99 100

42 20.1 13.5 20.3

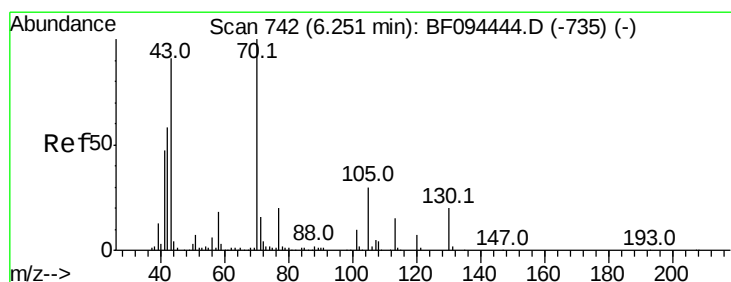
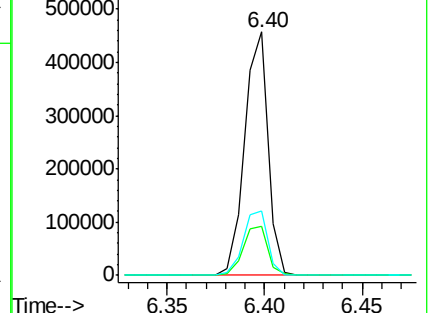
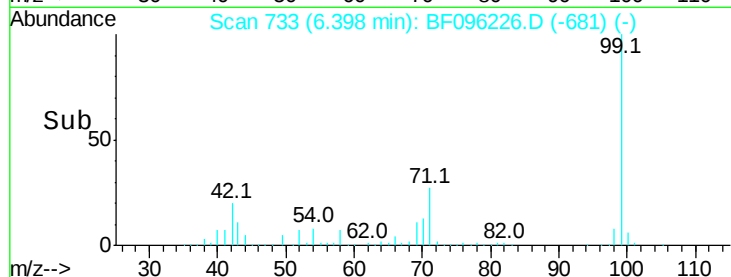
71 26.6 24.5 36.7



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: 2.65 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.15 min

Lab File: BF096226.D

Acq: 27 Jun 2017 19:53

Tgt Ion: 70 Resp: 23447

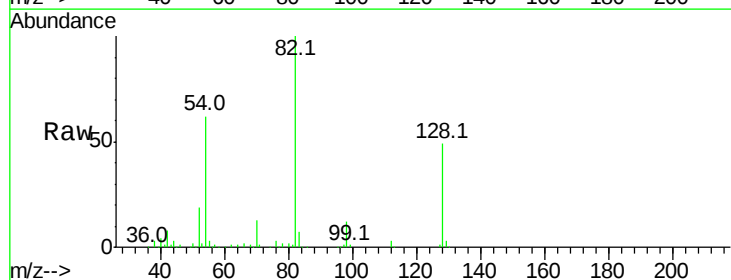
Ion Ratio Lower Upper

70 100

42 64.6 47.2 70.8

101 0.0 7.2 10.8#

130 2.6 15.9 23.9#

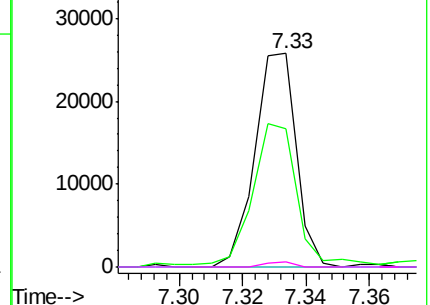
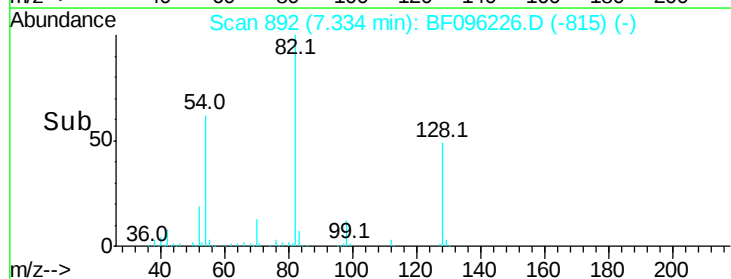


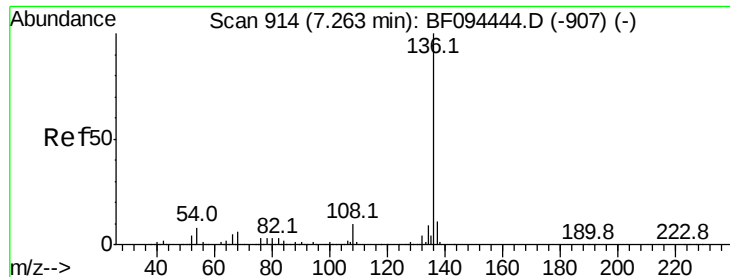
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

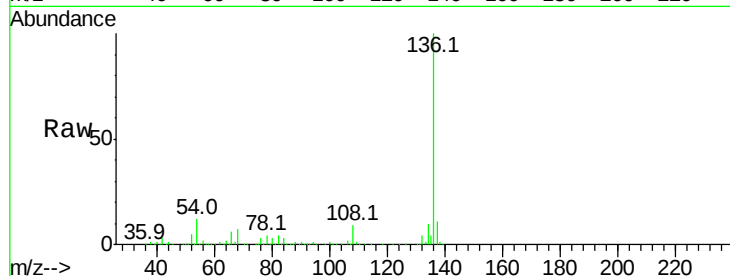




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF096226.D
Acq: 27 Jun 2017 19:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	11.9	4.9	7.3#
68	6.9	4.1	6.1#



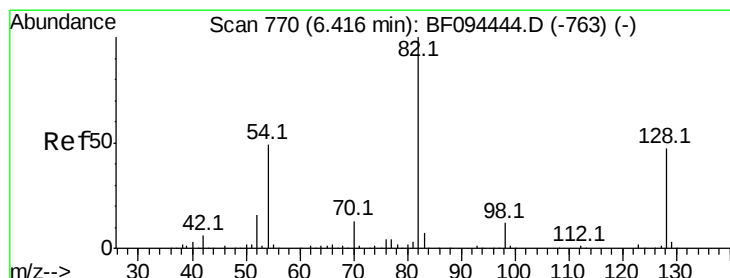
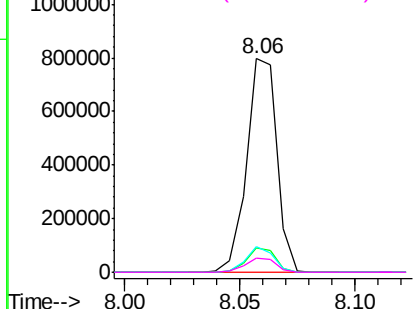
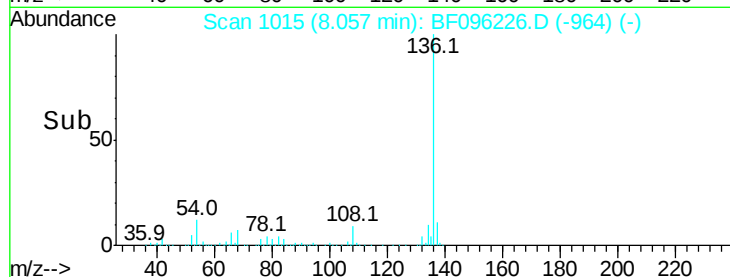
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

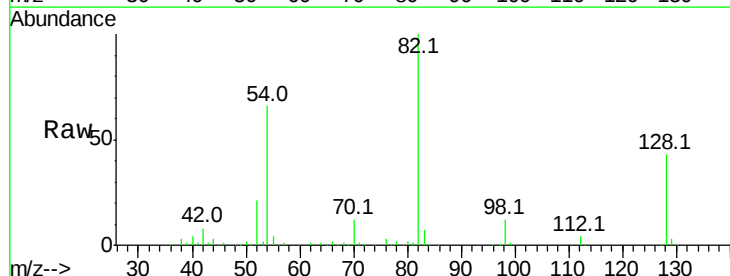
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23
Nitrobenzene-d5
Concen: 18.13 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.03 min
Lab File: BF096226.D
Acq: 27 Jun 2017 19:53

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.0	51.0
54	66.5	42.2	63.2#

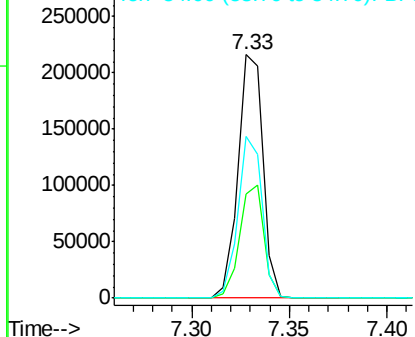
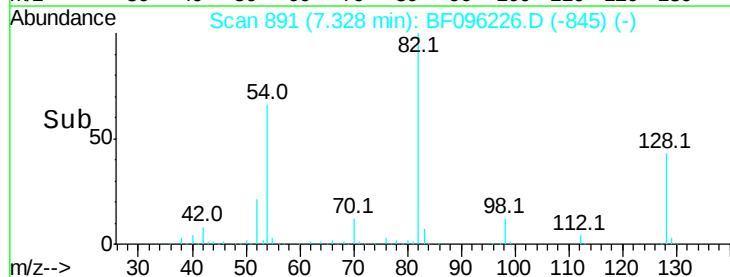


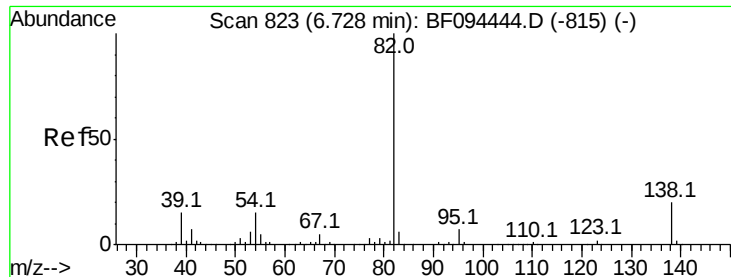
Abundance

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: 7.98 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.26 min

Lab File: BF096226.D

Acq: 27 Jun 2017 19:53

Instrument :

BNA_F

ClientSampled :

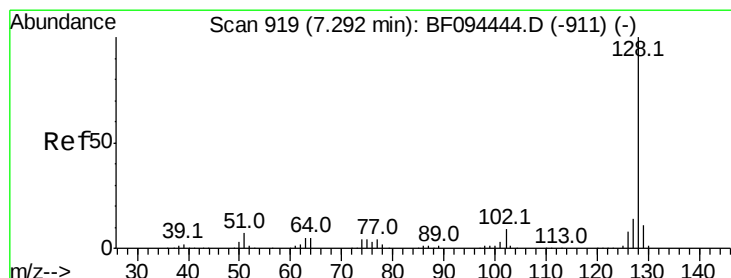
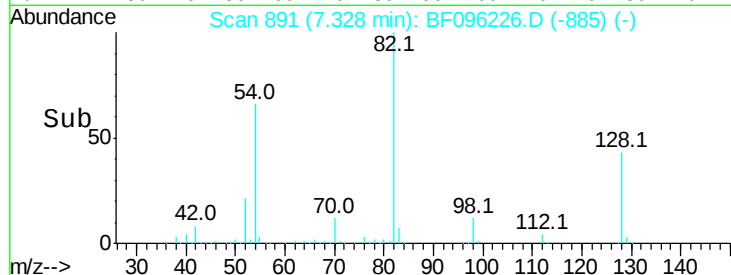
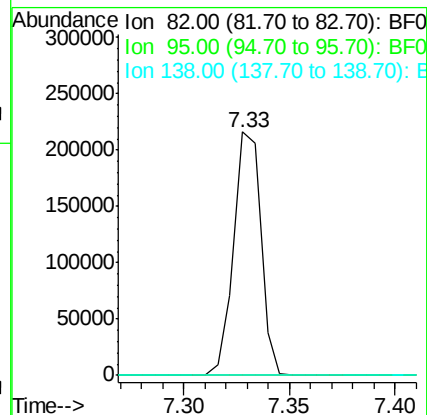
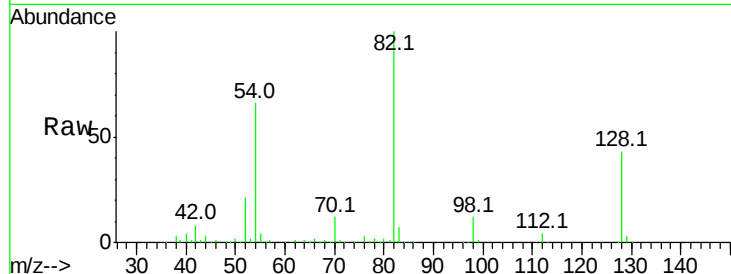
Tot Ion: 82 Resp: 191436

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



#31

Naphthalene

Concen: 2.99 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BF096226.D

Acq: 27 Jun 2017 19:53

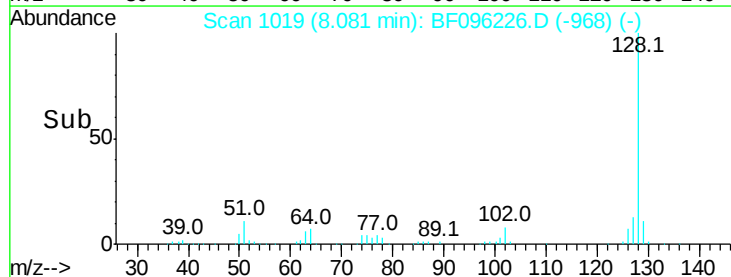
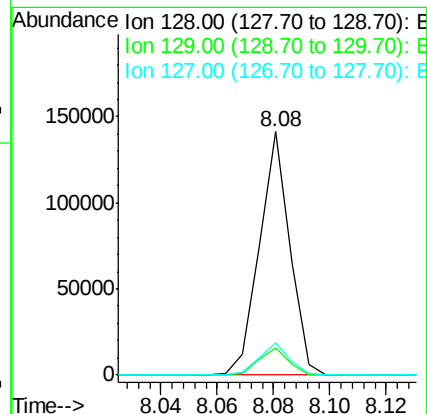
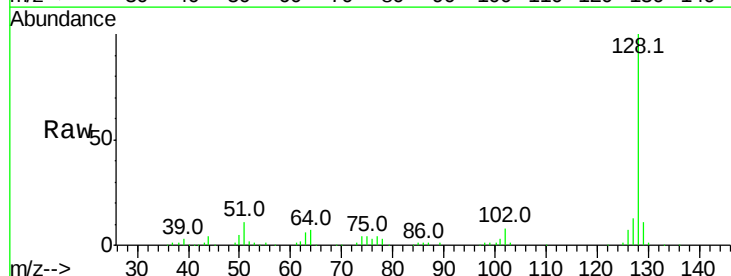
Tgt Ion: 128 Resp: 105303

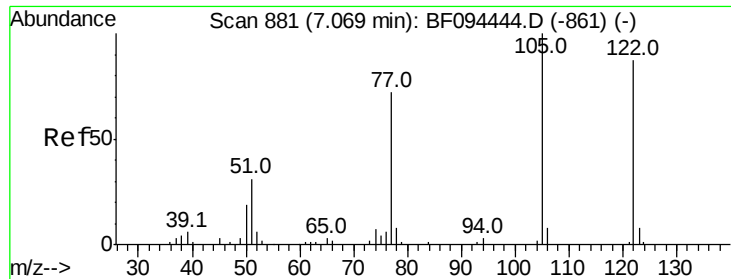
Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

127 13.1 10.8 16.2





#32

Benzoic acid

Concen: 8.86 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.05 min

Lab File: BF096226.D

Acq: 27 Jun 2017 19:53

Instrument :

BNA_F

ClientSampled :

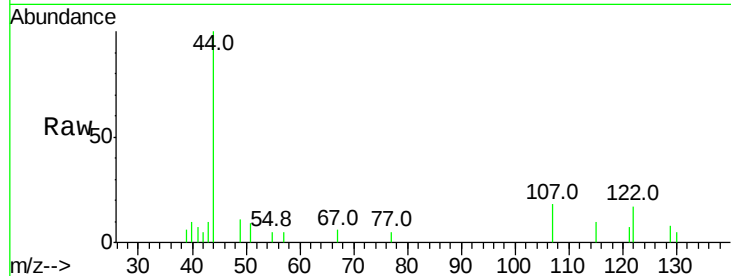
Tot Ion:122 Resp: 699

Ion Ratio Lower Upper

122 100

105 0.0 103.3 143.3#

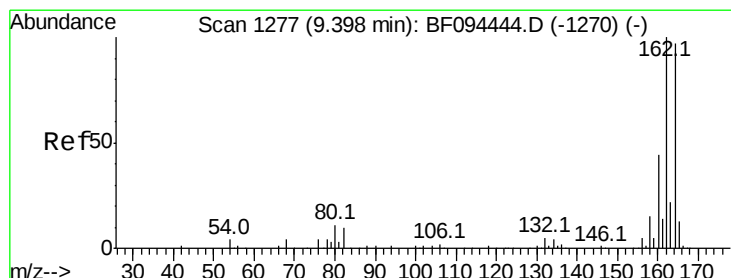
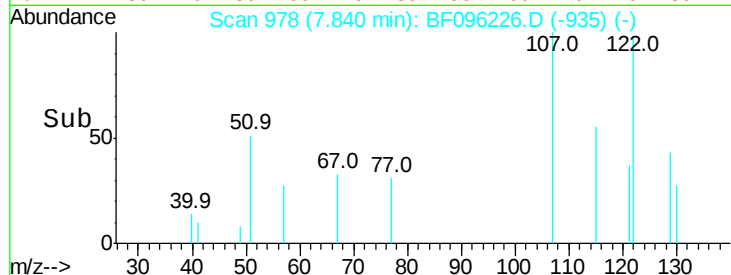
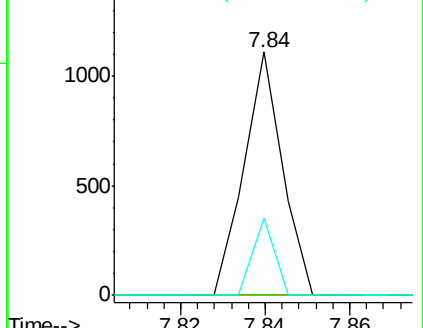
77 32.0 73.7 113.7#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF096226.D

Acq: 27 Jun 2017 19:53

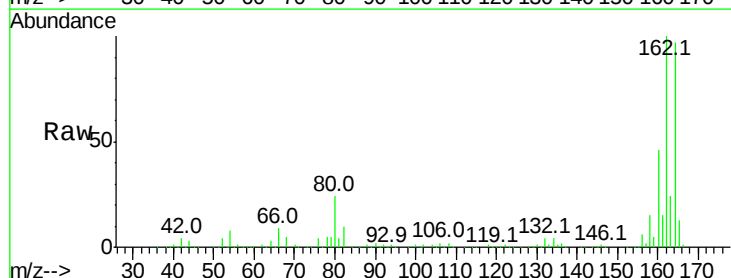
Tgt Ion:164 Resp: 274283

Ion Ratio Lower Upper

164 100

162 103.4 82.6 123.8

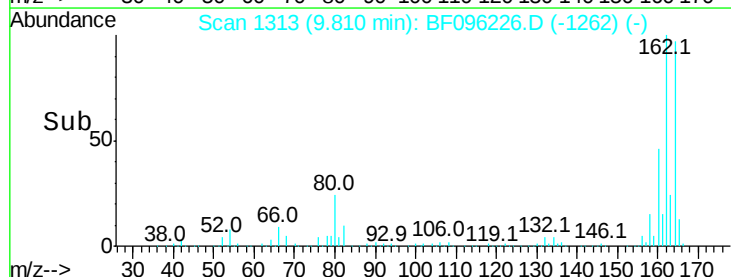
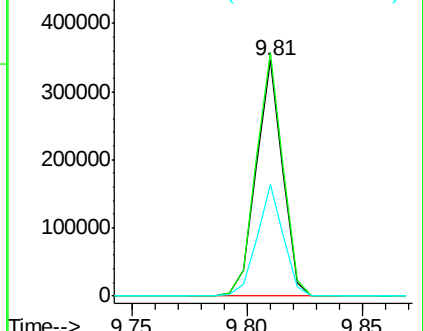
160 47.6 36.2 54.2

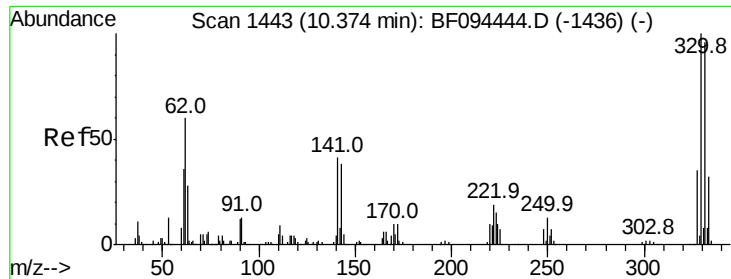


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

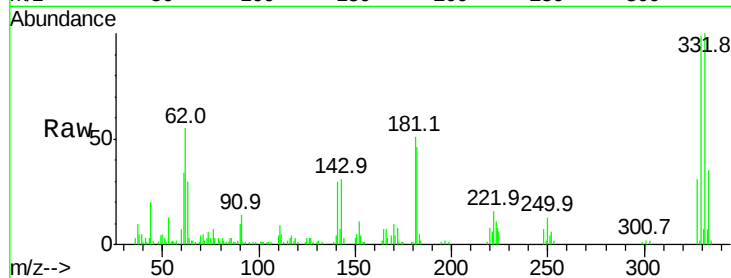




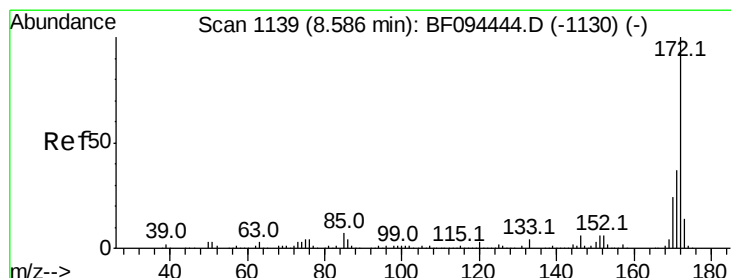
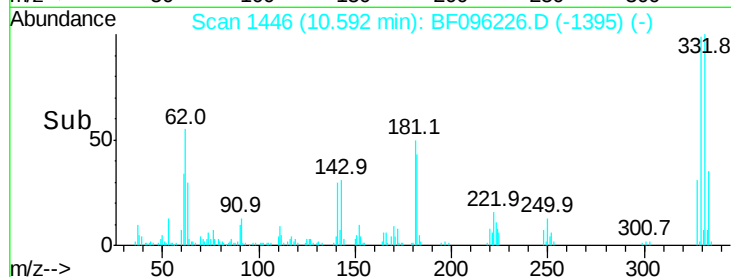
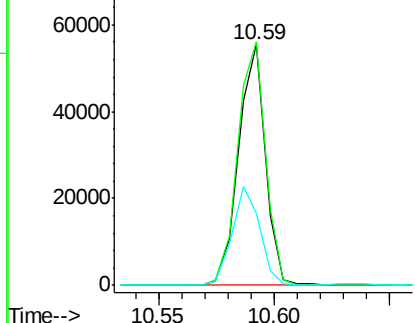
#41
 2,4,6-Tribromophenol
 Concen: 20.90 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. 0.00 min
 Lab File: BF096226.D
 Acq: 27 Jun 2017 19:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 45110
 Ion Ratio Lower Upper
 330 100
 332 104.6 76.6 115.0
 141 41.9 31.4 47.2

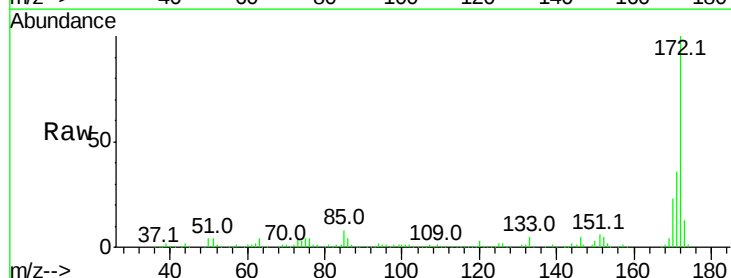


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

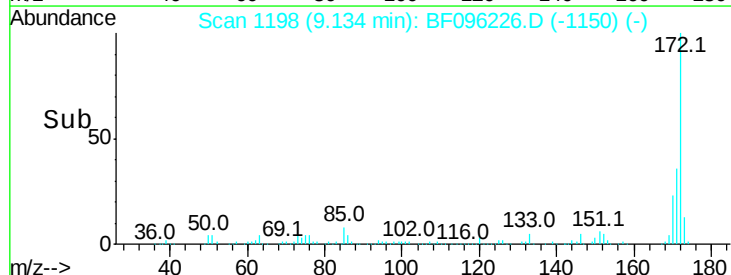
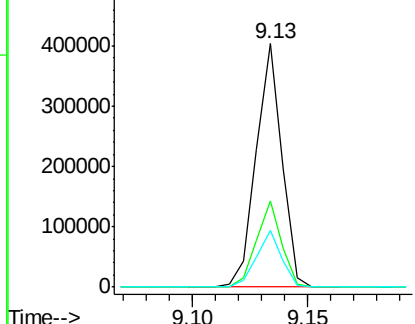


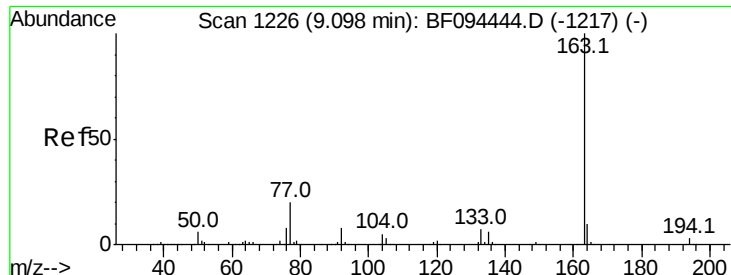
#44
 2-Fluorobiphenyl
 Concen: 21.04 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF096226.D
 Acq: 27 Jun 2017 19:53

Tgt Ion:172 Resp: 315059
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 23.3 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





#49

Dimethylphthalate

Concen: 2.90 ng

RT: 9.53 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BF096226.D

Acq: 27 Jun 2017 19:53

Instrument :

BNA_F

ClientSampleId :

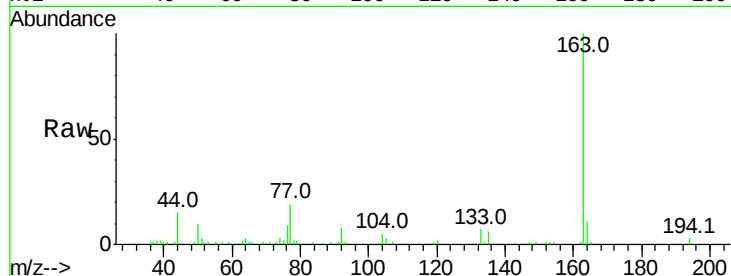
Tot Ion:163 Resp: 56922

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

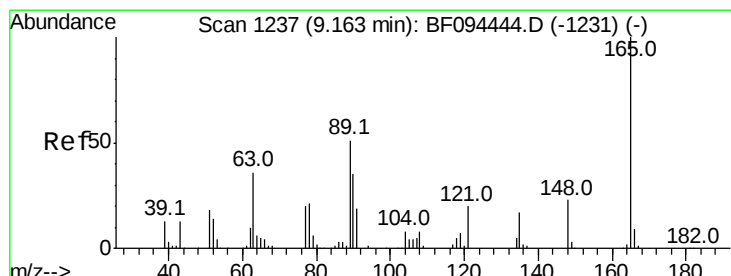
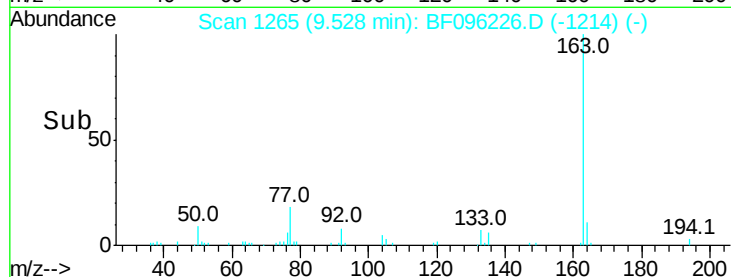
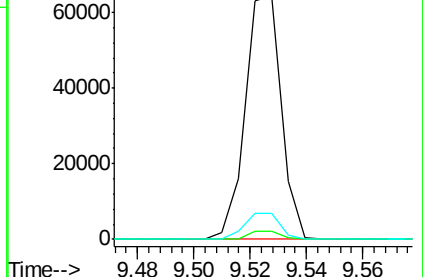
164 10.8 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 8.86 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.20 min

Lab File: BF096226.D

Acq: 27 Jun 2017 19:53

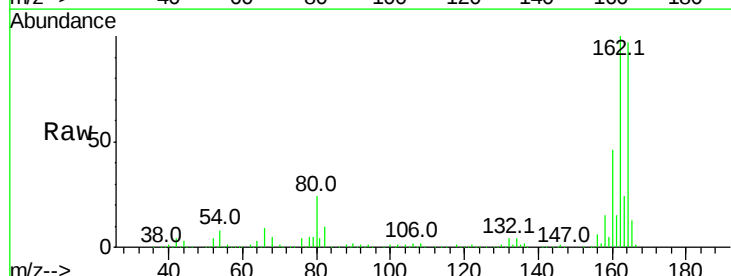
Tgt Ion:165 Resp: 36176

Ion Ratio Lower Upper

165 100

63 1.3 34.3 51.5#

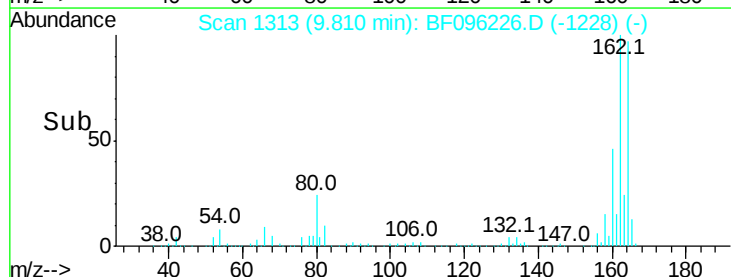
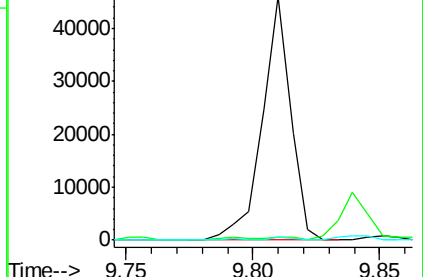
89 1.1 37.1 55.7#

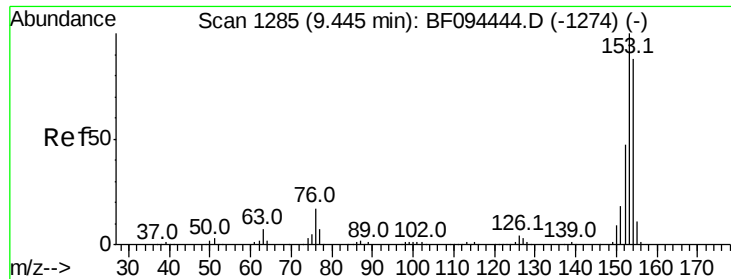


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 3.79 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF096226.D

Acq: 27 Jun 2017 19:53

Instrument :

BNA_F

ClientSampled :

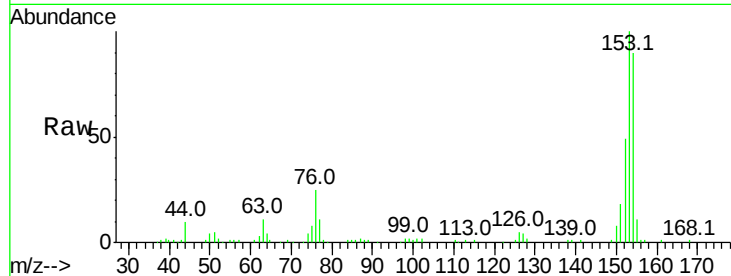
Tot Ion:154 Resp: 64592

Ion Ratio Lower Upper

154 100

153 111.3 90.5 135.7

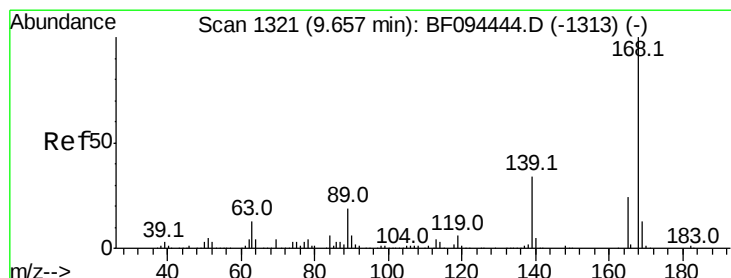
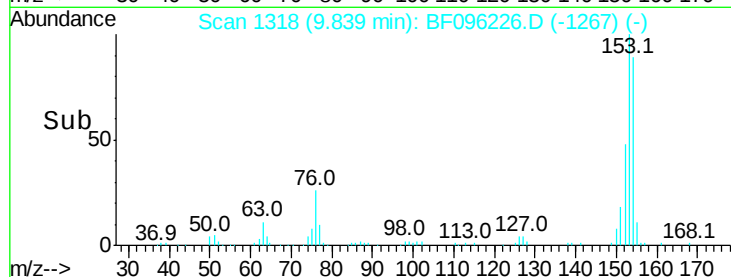
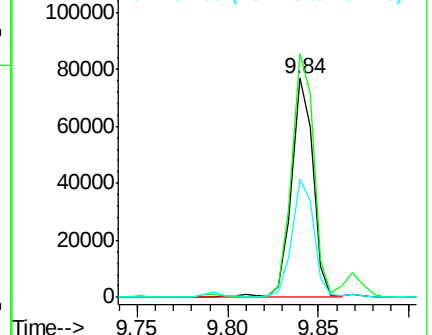
152 54.1 43.6 65.4



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: 3.41 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF096226.D

Acq: 27 Jun 2017 19:53

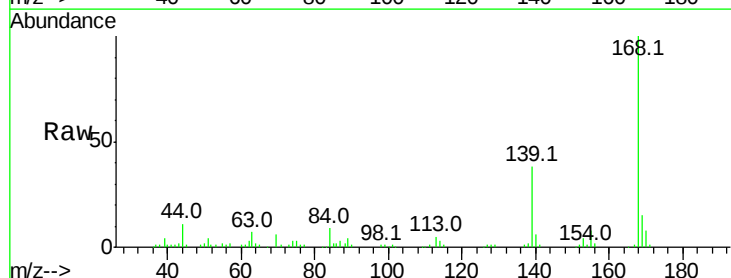
Tgt Ion:168 Resp: 75876

Ion Ratio Lower Upper

168 100

139 37.8 30.6 45.8

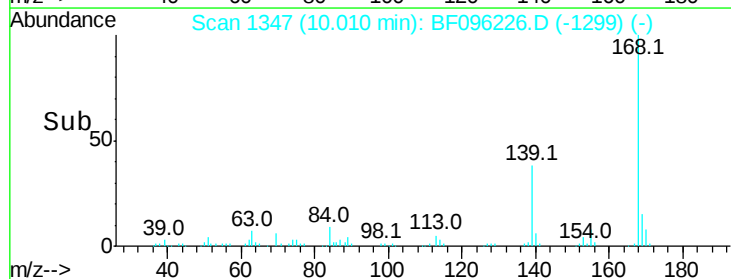
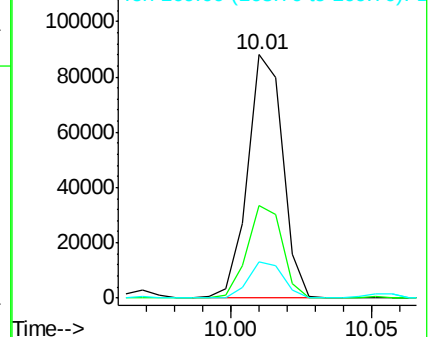
169 14.7 10.8 16.2

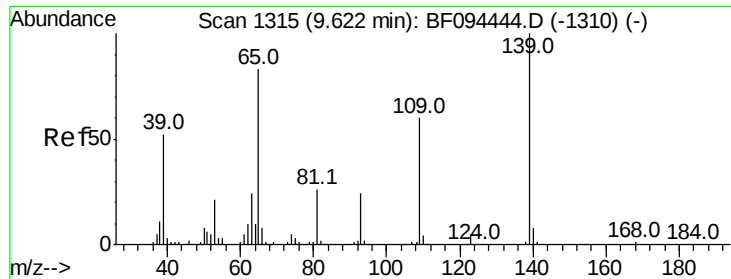


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

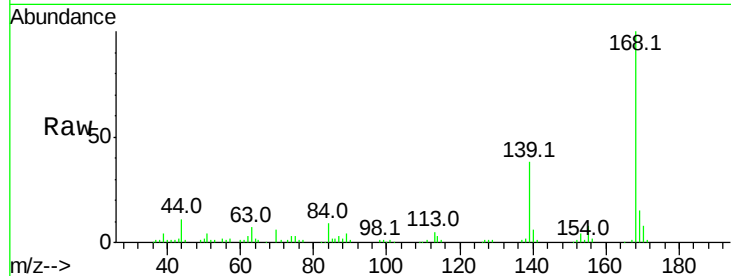




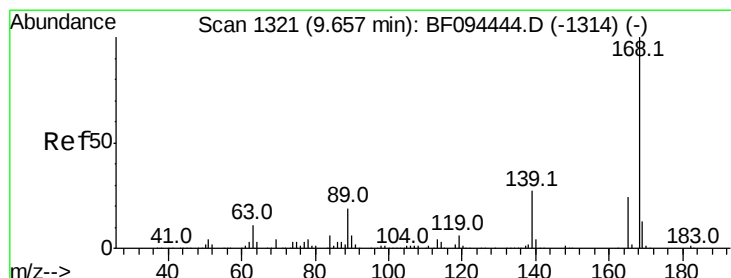
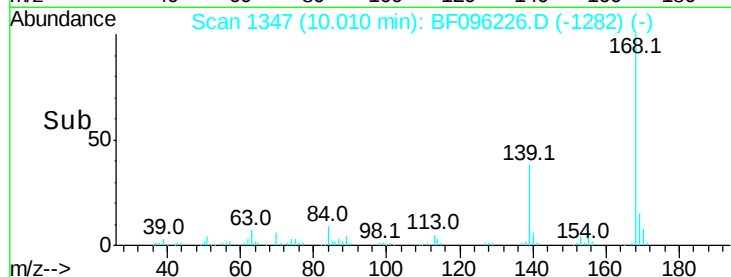
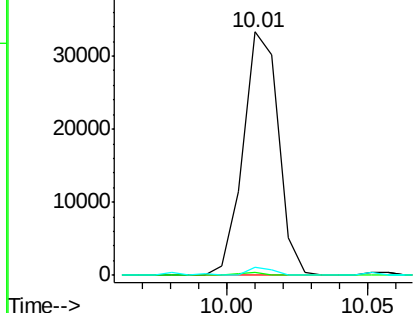
#55
4-Nitrophenol
Concen: 6.82 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.08 min
Lab File: BF096226.D
Acq: 27 Jun 2017 19:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	1.9	34.1	74.1#
65	3.2	31.4	71.4#



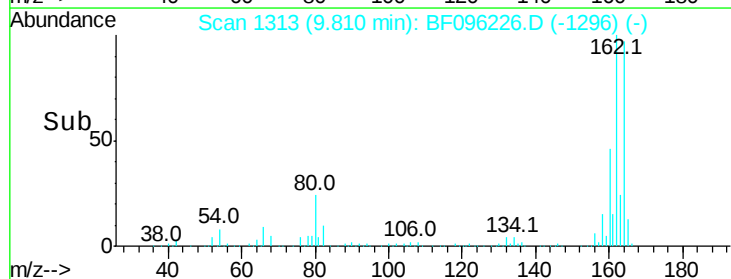
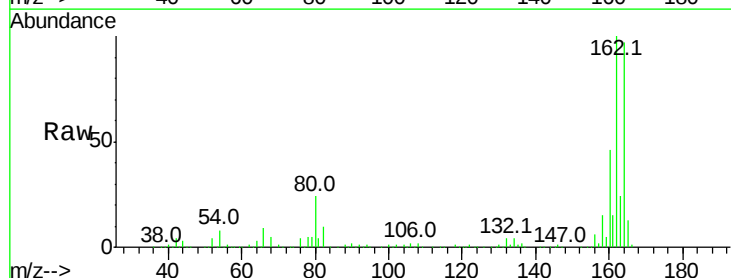
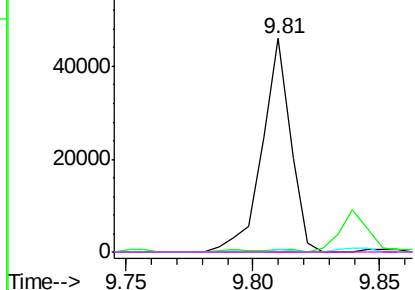
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

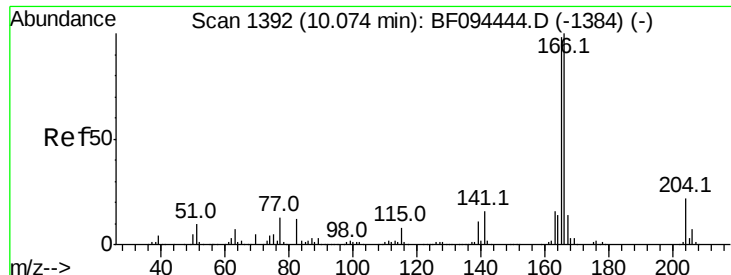


#56
2,4-Dinitrotoluene
Concen: 7.03 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.20 min
Lab File: BF096226.D
Acq: 27 Jun 2017 19:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	1.1	46.4	69.6#
182	0.0	1.8	2.6#

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
Ion 182.00 (181.70 to 182.70): E

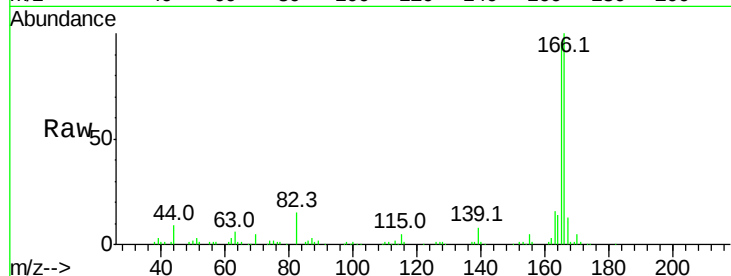




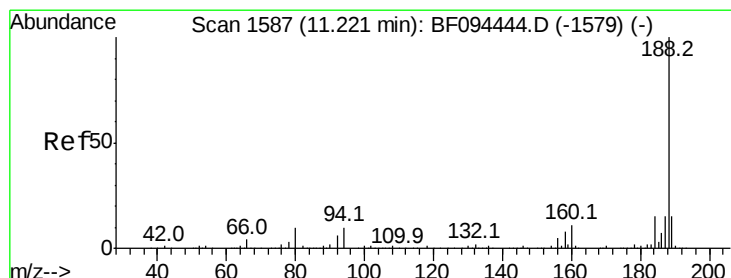
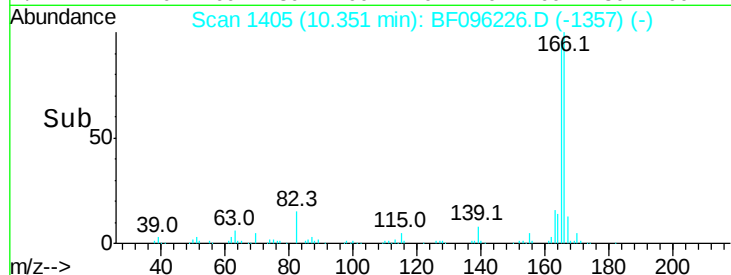
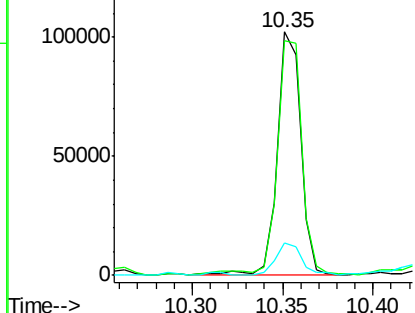
#57
Fluorene
 Concen: 6.01 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.02 min
 Lab File: BF096226.D
 Acq: 27 Jun 2017 19:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 92051
 Ion Ratio Lower Upper
 166 100
 165 96.4 78.8 118.2
 167 13.2 10.6 16.0

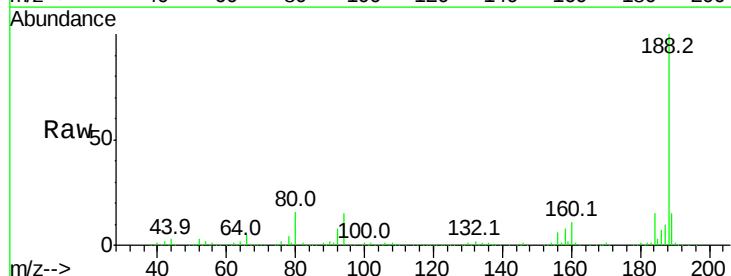


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

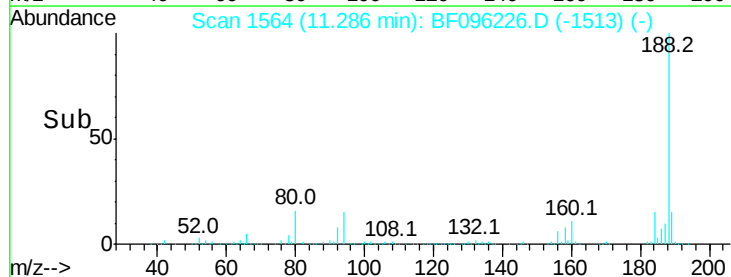
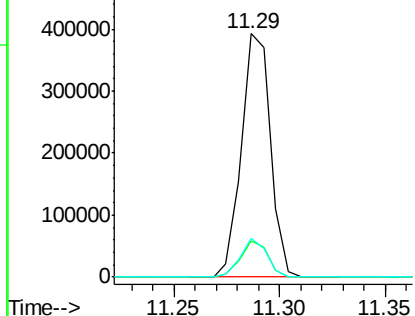


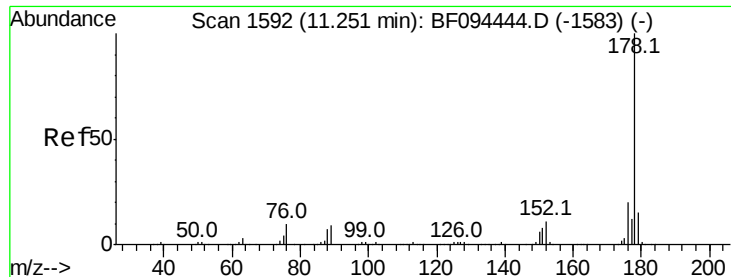
#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: BF096226.D
 Acq: 27 Jun 2017 19:53

Tgt Ion:188 Resp: 373543
 Ion Ratio Lower Upper
 188 100
 94 14.9 9.4 14.2#
 80 16.0 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: 42.70 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF096226.D

Acq: 27 Jun 2017 19:53

Instrument :

BNA_F

ClientSampleId :

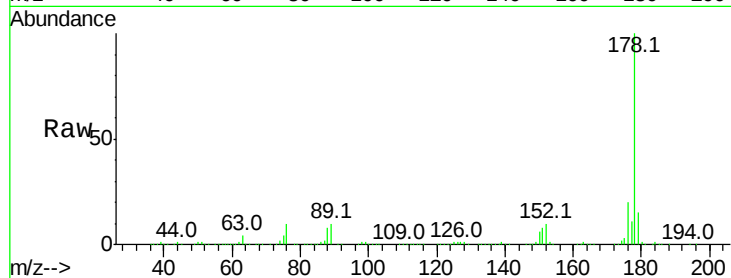
Tot Ion:178 Resp: 807272

Ion Ratio Lower Upper

178 100

176 19.7 16.2 24.4

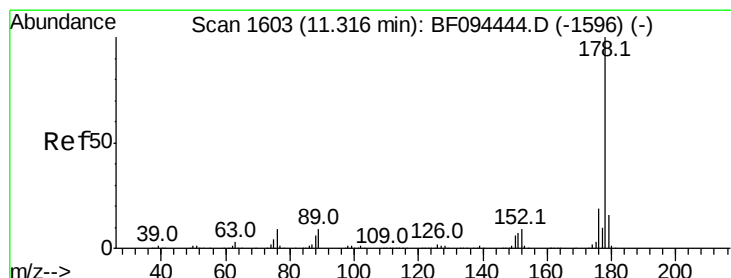
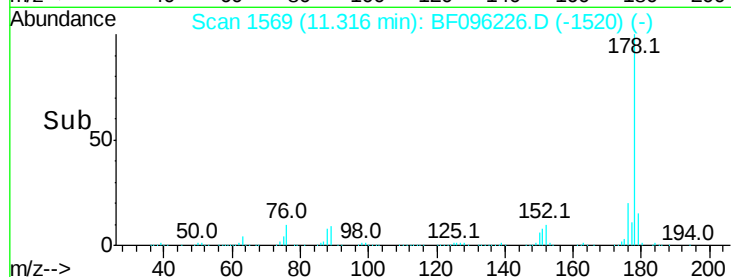
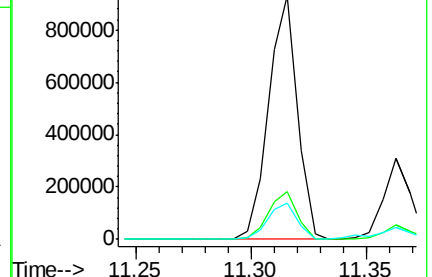
179 14.7 12.6 19.0



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: 11.58 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BF096226.D

Acq: 27 Jun 2017 19:53

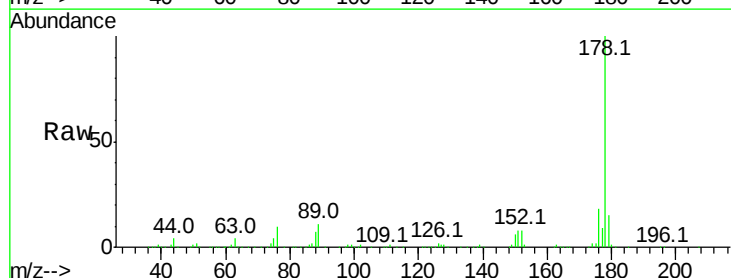
Tgt Ion:178 Resp: 241819

Ion Ratio Lower Upper

178 100

176 17.8 15.8 23.8

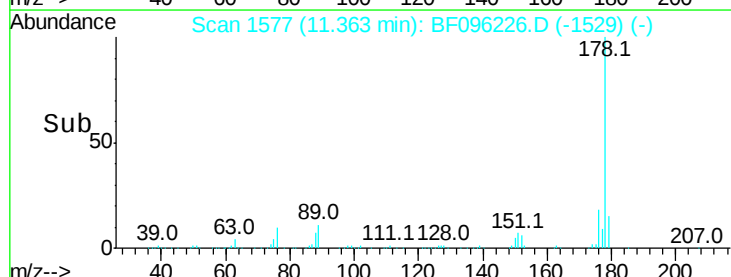
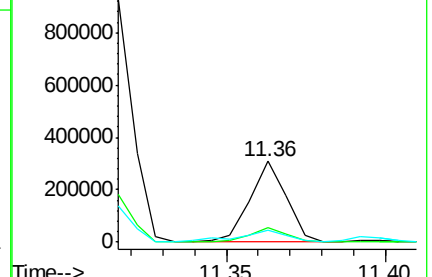
179 15.4 12.7 19.1

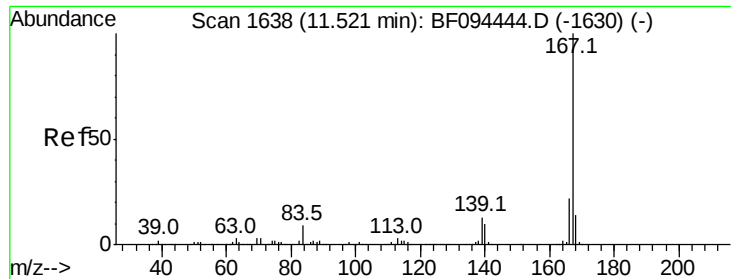


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 4.27 ng

RT: 11.52 min Scan# 1603

Delta R.T. 0.01 min

Lab File: BF096226.D

Acq: 27 Jun 2017 19:53

Instrument :

BNA_F

ClientSampled :

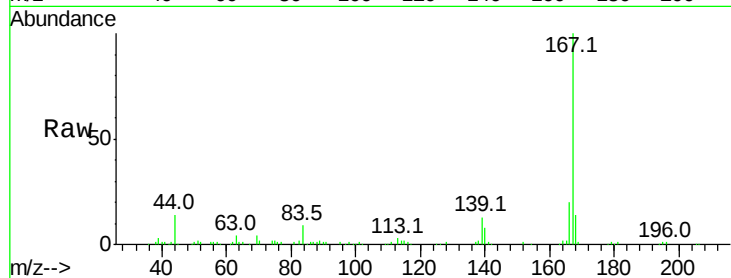
Tot Ion:167 Resp: 98486

Ion Ratio Lower Upper

167 100

166 20.4 18.1 27.1

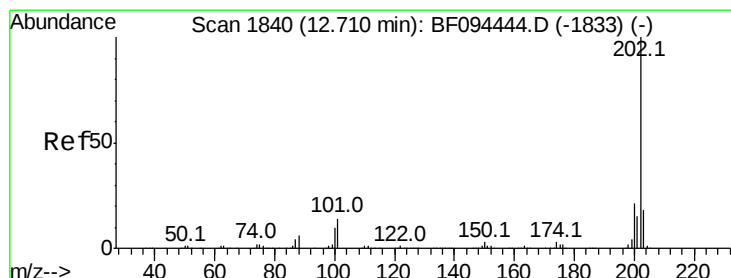
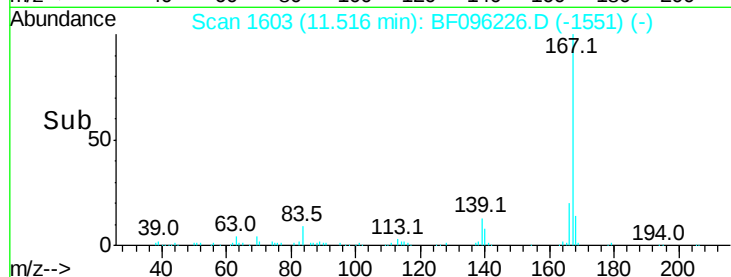
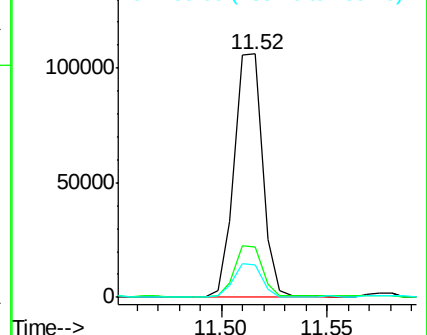
139 13.3 11.7 17.5



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: 41.58 ng

RT: 12.50 min Scan# 1770

Delta R.T. 0.01 min

Lab File: BF096226.D

Acq: 27 Jun 2017 19:53

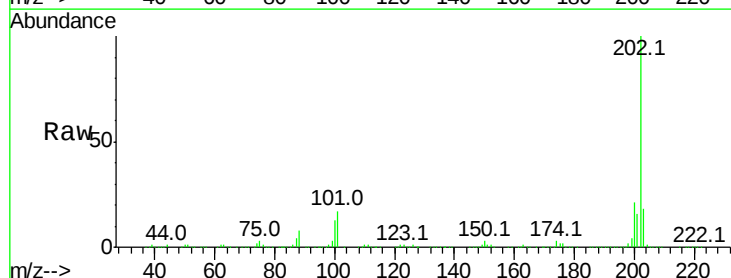
Tgt Ion:202 Resp: 862743

Ion Ratio Lower Upper

202 100

101 17.1 0.0 33.2

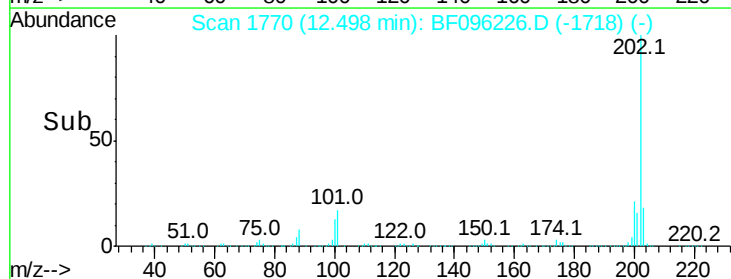
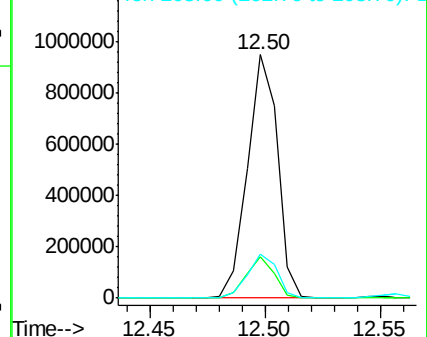
203 18.3 0.0 38.1

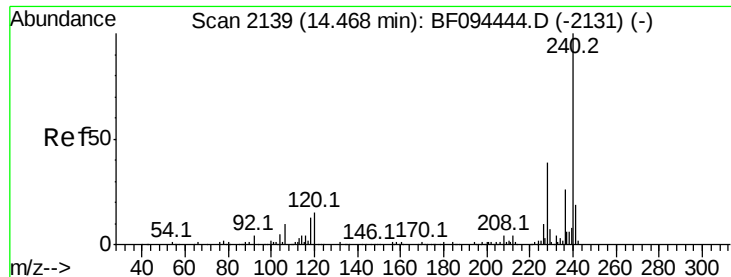


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF096226.D

Acq: 27 Jun 2017 19:53

Instrument :

BNA_F

ClientSampleId :

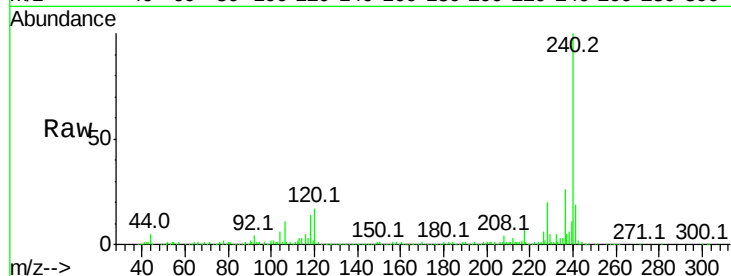
Tot Ion:240 Resp: 310397

Ion Ratio Lower Upper

240 100

120 16.7 5.8 8.8#

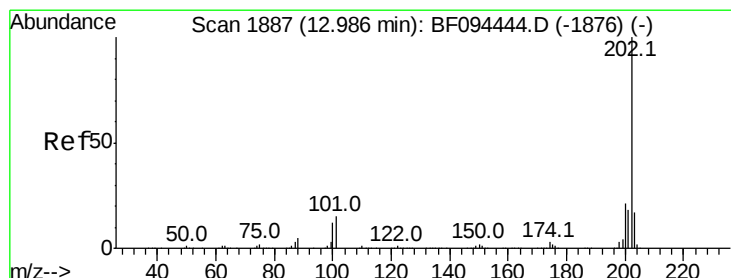
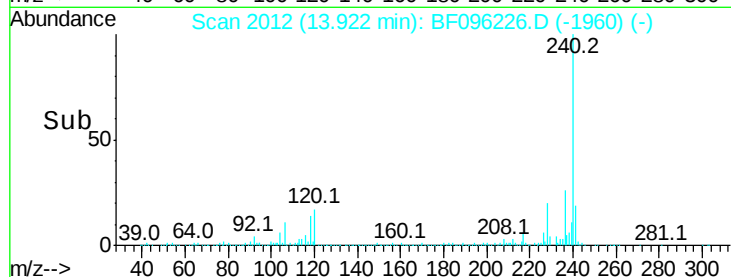
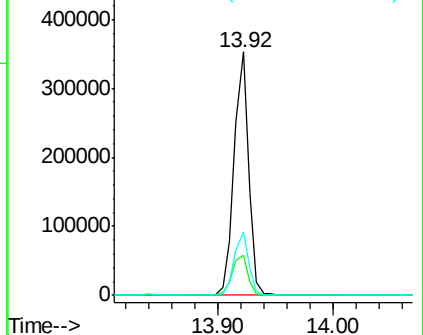
236 25.7 20.5 30.7



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: 30.13 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF096226.D

Acq: 27 Jun 2017 19:53

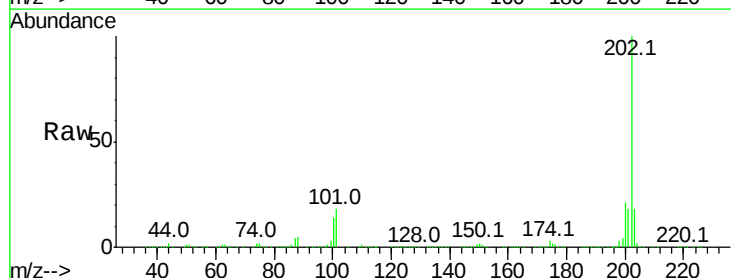
Tgt Ion:202 Resp: 768465

Ion Ratio Lower Upper

202 100

200 21.4 17.6 26.4

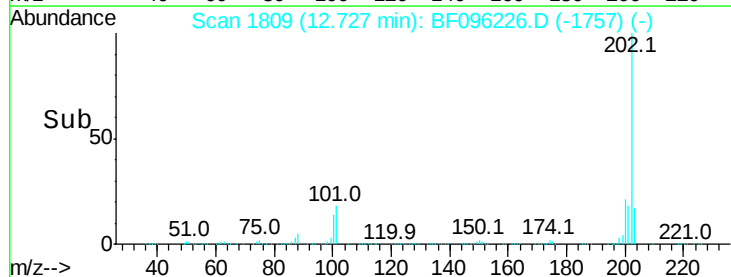
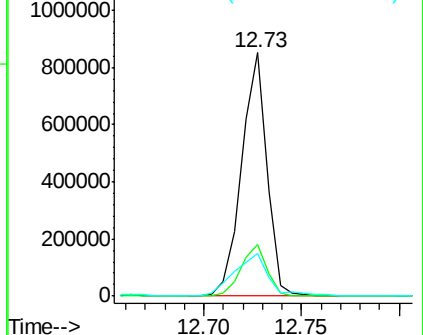
203 17.5 14.4 21.6

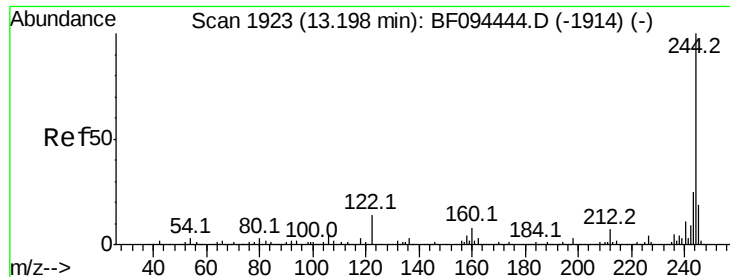


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 12.74 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.00 min

Lab File: BF096226.D

Acq: 27 Jun 2017 19:53

Instrument :

BNA_F

ClientSampled :

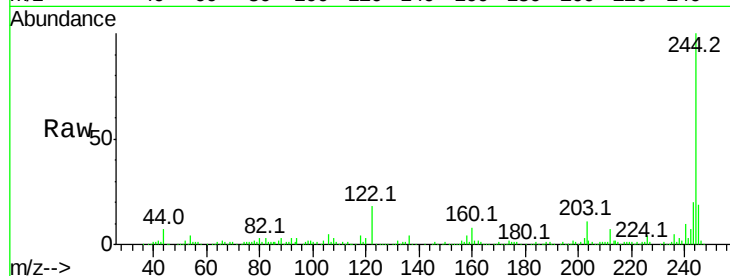
Tot Ion:244 Resp: 158458

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

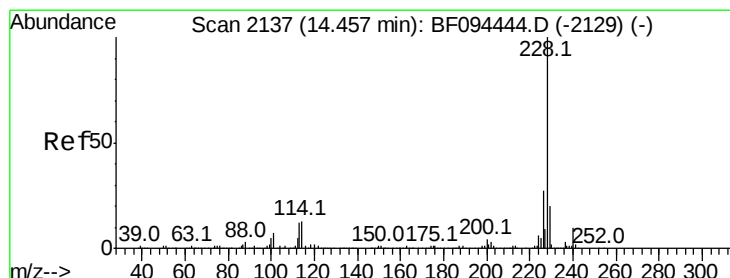
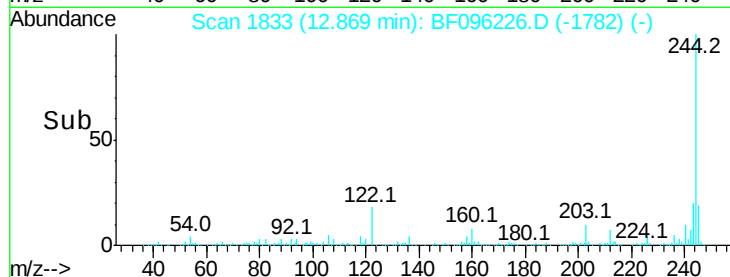
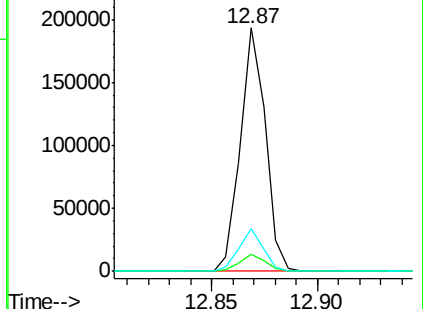
122 17.5 10.3 15.5#



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: 22.37 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF096226.D

Acq: 27 Jun 2017 19:53

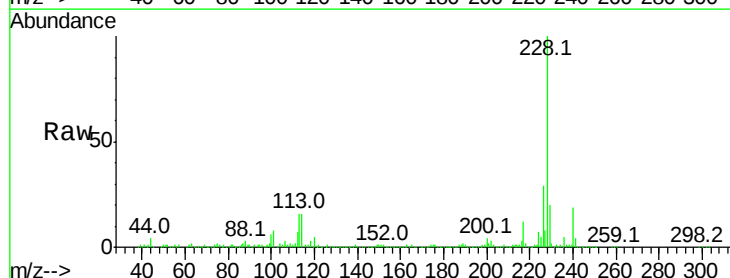
Tgt Ion:228 Resp: 423237

Ion Ratio Lower Upper

228 100

226 28.6 22.6 33.8

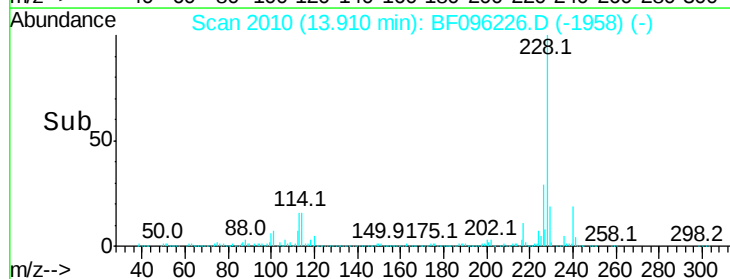
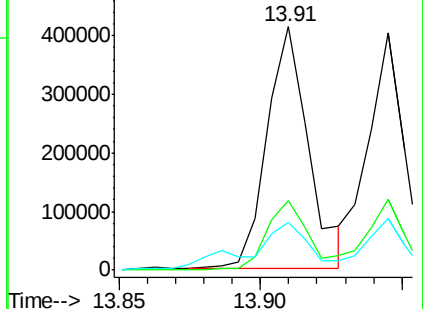
229 19.6 16.3 24.5

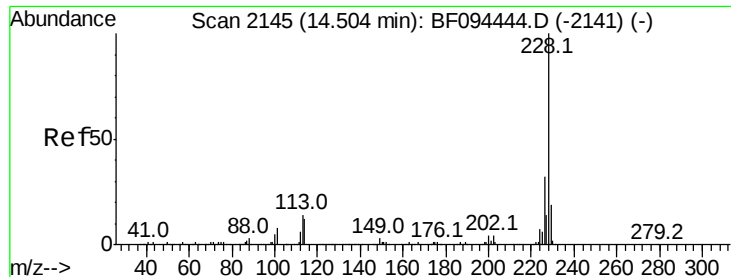


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 17.86 ng

RT: 13.95 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BF096226.D

Acq: 27 Jun 2017 19:53

Instrument :

BNA_F

ClientSampled :

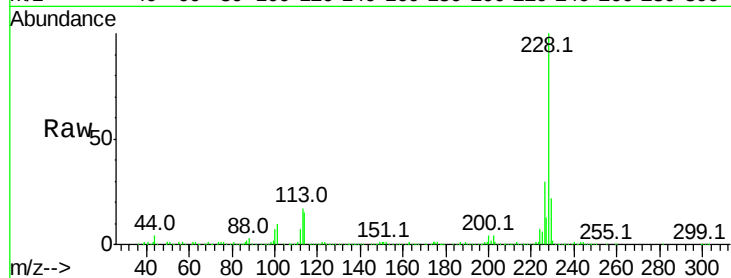
Tot Ion:228 Resp: 349487

Ion Ratio Lower Upper

228 100

226 30.0 24.9 37.3

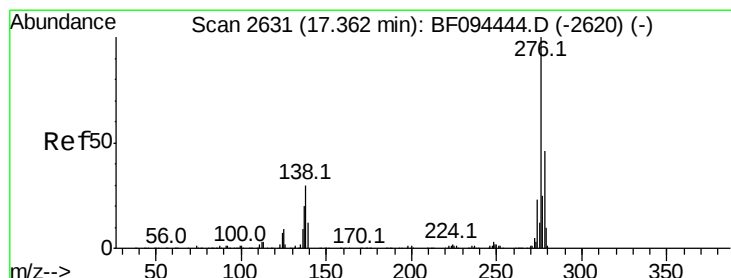
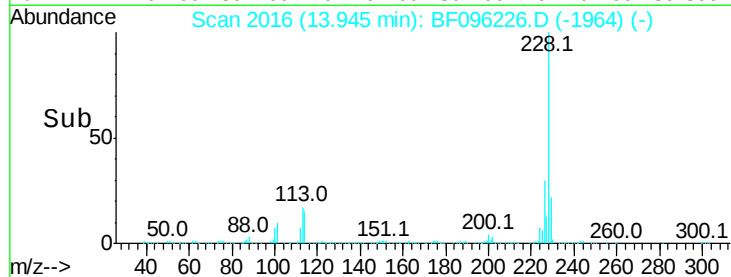
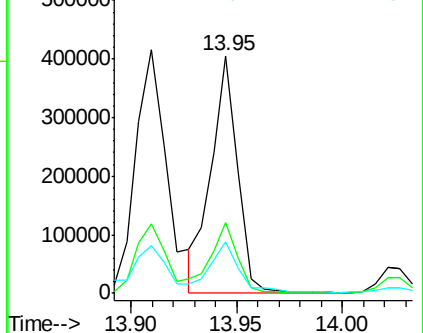
229 21.7 15.8 23.6



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 9.43 ng

RT: 16.73 min Scan# 2489

Delta R.T. 0.01 min

Lab File: BF096226.D

Acq: 27 Jun 2017 19:53

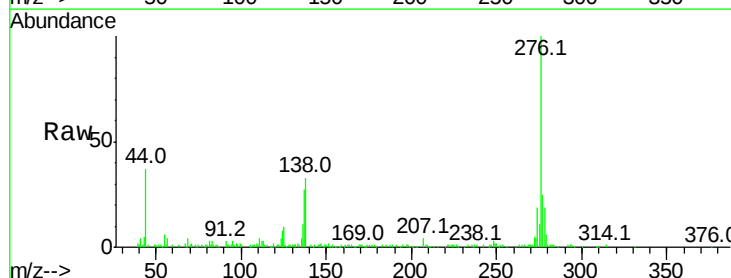
Tgt Ion:276 Resp: 153189

Ion Ratio Lower Upper

276 100

138 32.4 27.8 41.6

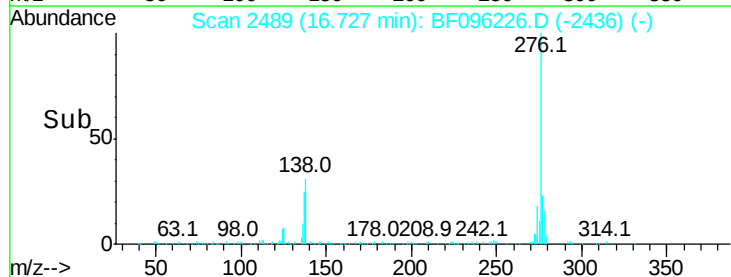
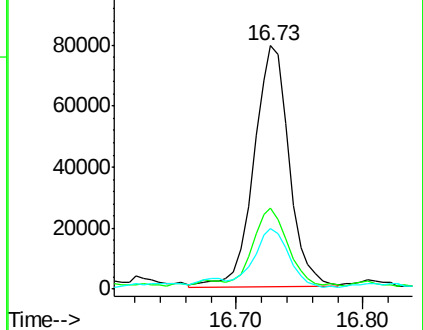
277 23.7 20.2 30.4

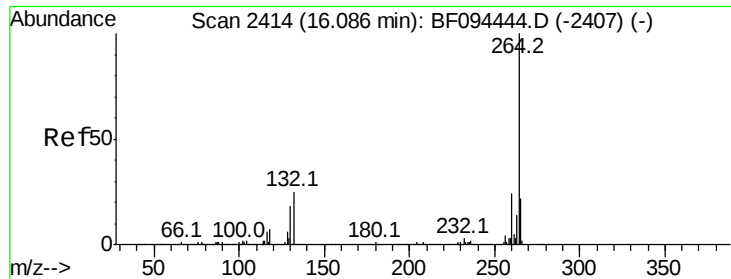


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.34 min Scan# 2254

Delta R.T. 0.01 min

Lab File: BF096226.D

Acq: 27 Jun 2017 19:53

Instrument :

BNA_F

ClientSampleId :

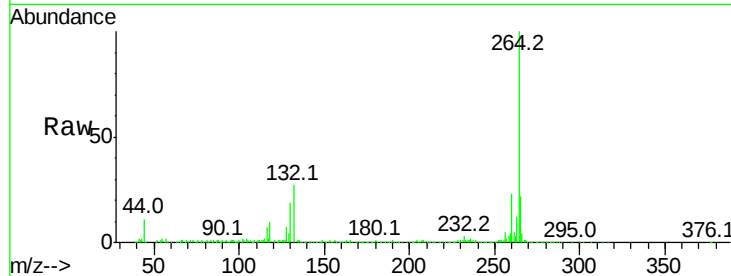
Tot Ion:264 Resp: 285754

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

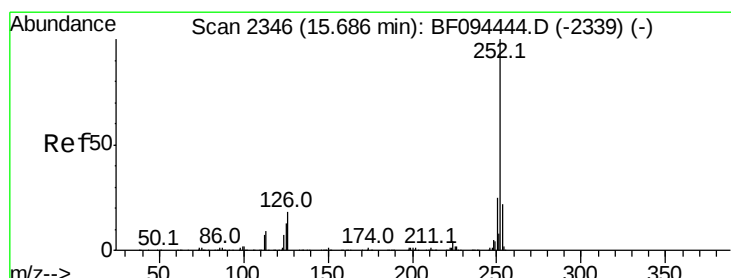
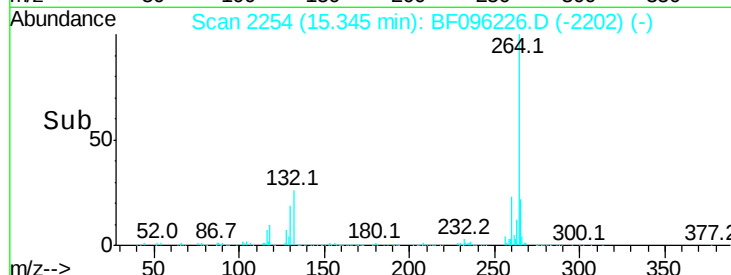
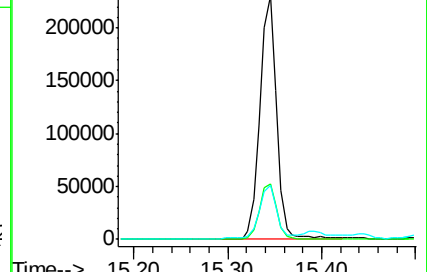
265 22.1 17.2 25.8



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: 30.49 ng

RT: 14.94 min Scan# 2185

Delta R.T. -0.02 min

Lab File: BF096226.D

Acq: 27 Jun 2017 19:53

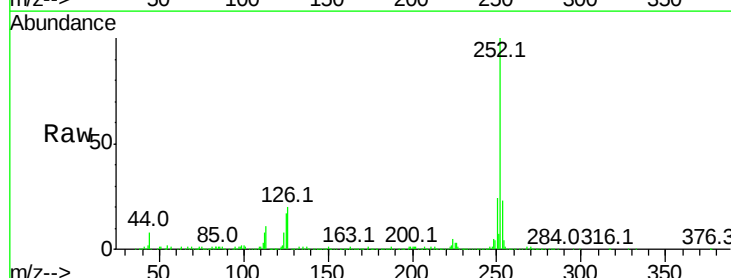
Tgt Ion:252 Resp: 572332

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

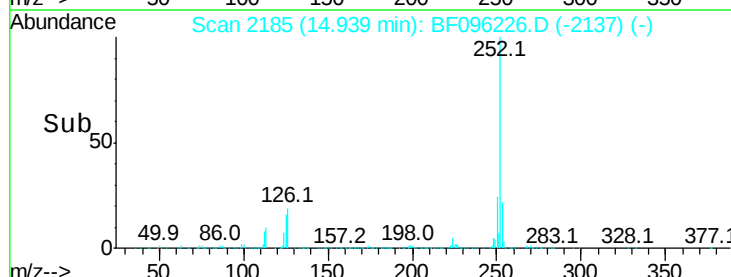
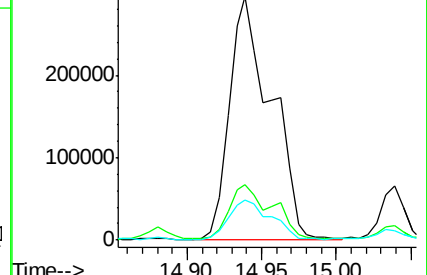
125 16.7 9.8 14.8#

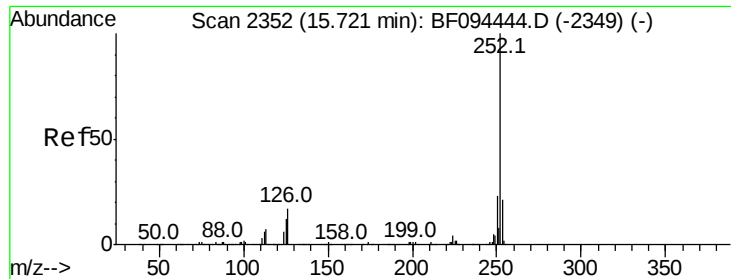


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

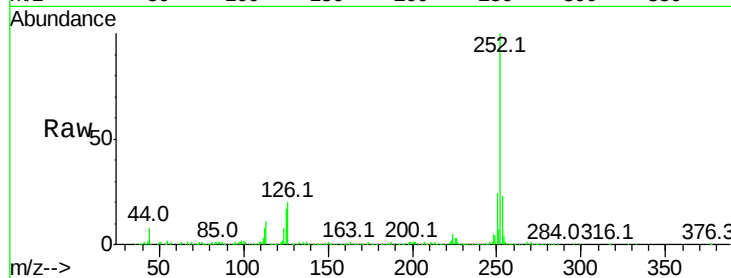




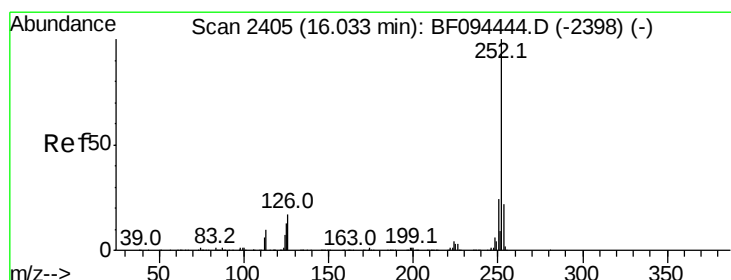
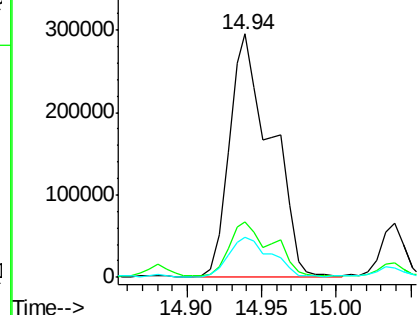
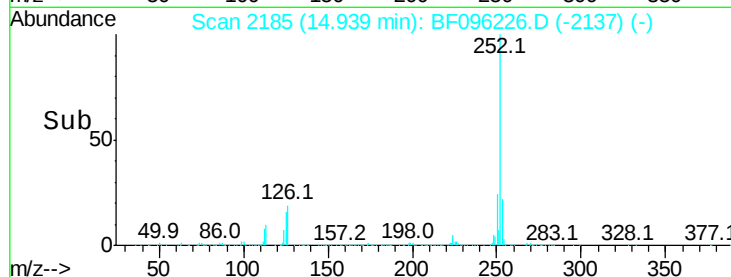
#88
Benzo(k)fluoranthene
Concen: 33.40 ng
RT: 14.94 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BF096226.D
Acq: 27 Jun 2017 19:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252	Resp:	572332
Ion Ratio	Lower	Upper
252	100	
253	22.6	18.4 27.6
125	16.7	13.1 19.7

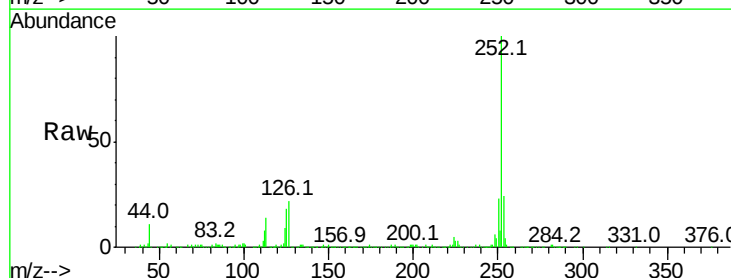


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

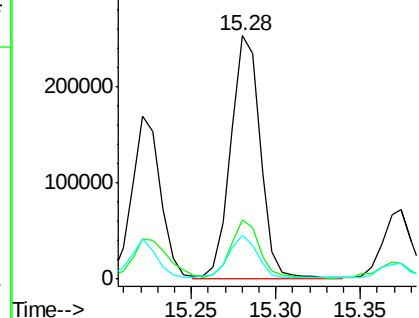
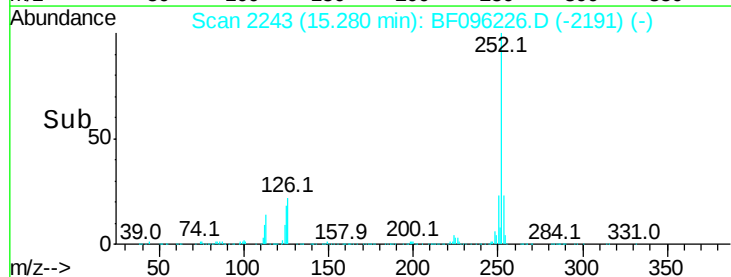


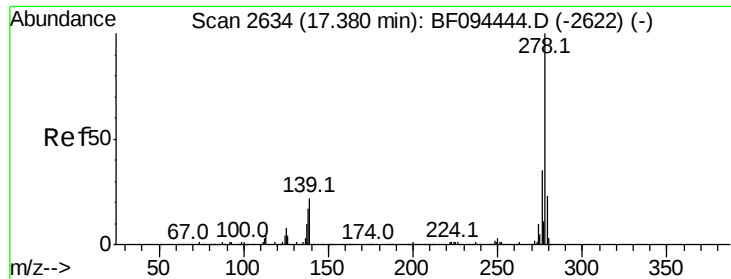
#89
Benzo(a)pyrene
Concen: 18.47 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF096226.D
Acq: 27 Jun 2017 19:53

Tgt Ion:252	Resp:	306174
Ion Ratio	Lower	Upper
252	100	
253	24.2	17.5 26.3
125	17.9	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

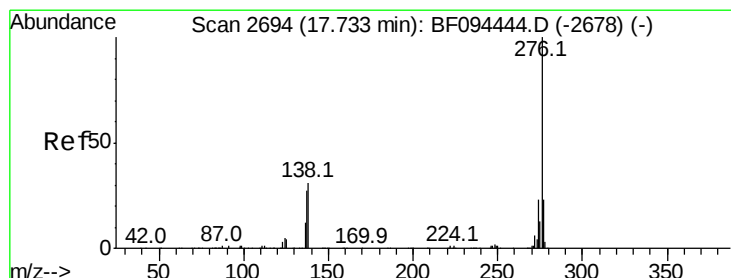
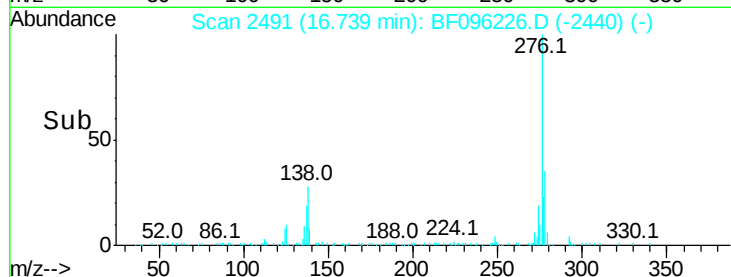
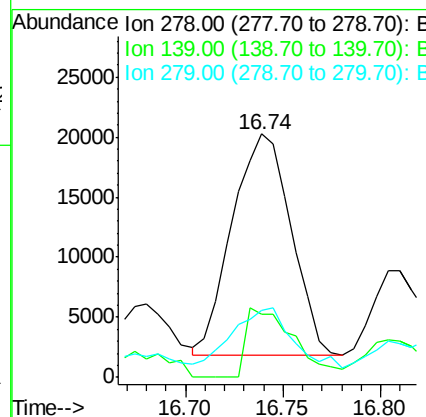
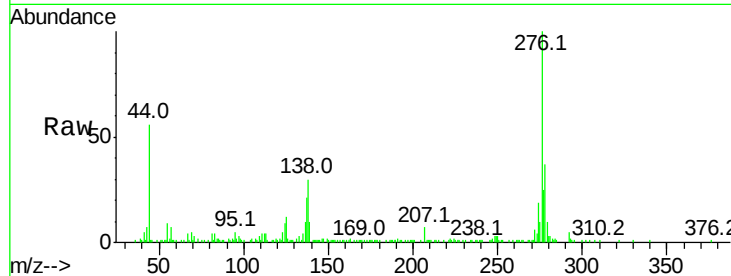




#90
Dibenzo(a,h)anthracene
Concen: 2.95 ng
RT: 16.74 min Scan# 2491
Delta R.T. 0.00 min
Lab File: BF096226.D
Acq: 27 Jun 2017 19:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 38343
Ion Ratio Lower Upper
278 100
139 26.0 16.6 24.8#
279 27.5 19.3 28.9



#91
Benzo(g,h,i)perylene
Concen: 10.27 ng
RT: 17.14 min Scan# 2560
Delta R.T. 0.01 min
Lab File: BF096226.D
Acq: 27 Jun 2017 19:53

Tgt Ion:276 Resp: 138585
Ion Ratio Lower Upper
276 100
277 23.1 18.6 28.0
138 36.6 25.4 38.0

