

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041917\
 Data File : BF094526.D
 Acq On : 19 Apr 2017 20:03
 Operator : SJ/MA
 Sample : I2750-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 20 03:07:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	125345	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	517873	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	206942	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	413916	20.00	ng	0.00
75) Chrysene-d12	14.47	240	274966	20.00	ng	0.00
86) Perylene-d12	16.09	264	251705	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	1058169	140.06	ng	0.02
7) Phenol-d6	5.40	99	1401679	157.37	ng	0.00
23) Nitrobenzene-d5	6.42	82	849396	101.28	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	280218	173.12	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1375251	97.78	ng	0.00
78) Terphenyl-d14	13.19	244	1024244	99.57	ng	0.00

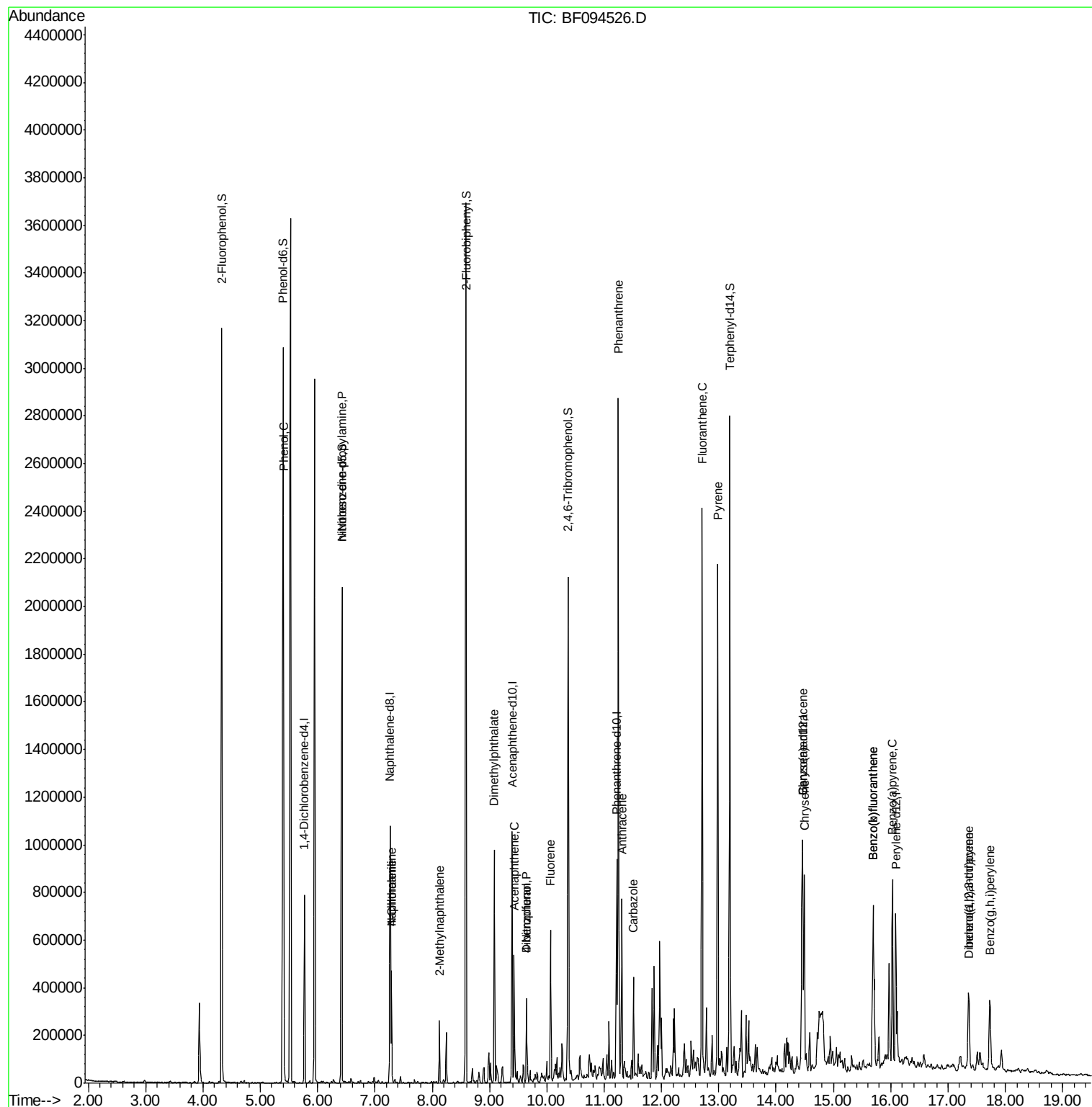
Target Compounds						Qvalue
10) Phenol	5.41	94	31966	2.92	ng	90
19) n-Nitroso-di-n-propylamine	6.42	70	111607	18.91	ng	# 75
31) Naphthalene	7.29	128	219231	8.81	ng	97
33) 4-Chloroaniline	7.29	127	26643	2.57	ng	# 44
37) 2-Methylnaphthalene	8.12	142	73247	4.30	ng	99
49) Dimethylphthalate	9.08	163	414464	26.87	ng	99
51) Acenaphthene	9.43	154	122006	9.72	ng	98
54) Dibenzofuran	9.65	168	144650	7.93	ng	97
55) 4-Nitrophenol	9.65	139	53414	18.88	ng	# 27
57) Fluorene	10.07	166	175393	12.35	ng	100
70) Phenanthrene	11.25	178	1328035	56.98	ng	98
71) Anthracene	11.31	178	295975	12.28	ng	97
72) Carbazole	11.51	167	167538	7.40	ng	97
74) Fluoranthene	12.71	202	1135715	47.01	ng	99
77) Pyrene	12.98	202	1065819	55.48	ng	98
80) Benzo(a)anthracene	14.45	228	321535	20.12	ng	98
82) Chrysene	14.49	228	316506	21.67	ng	97
85) Indeno(1,2,3-cd)pyrene	17.36	276	187919	13.52	ng	93
87) Benzo(b)fluoranthene	15.69	252	478666	31.09	ng	97
88) Benzo(k)fluoranthene	15.69	252	478666	32.85	ng	98
89) Benzo(a)pyrene	16.03	252	303075	21.16	ng	97
90) Dibenzo(a,h)anthracene	17.37	278	43571	3.66	ng	94
91) Benzo(g,h,i)perylene	17.73	276	199803	16.50	ng	99

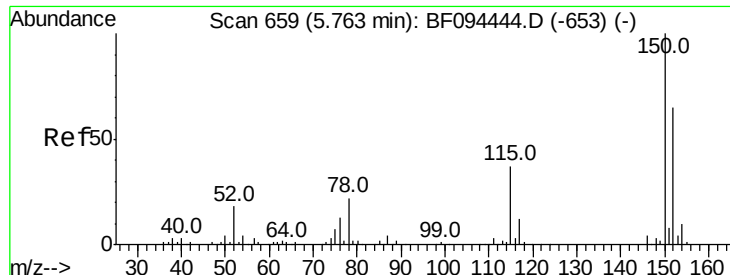
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.77 min Scan# 652

Delta R.T. 0.01 min

Lab File: BF094526.D

Acq: 19 Apr 2017 20:03

Instrument :

BNA_F

ClientSampled :

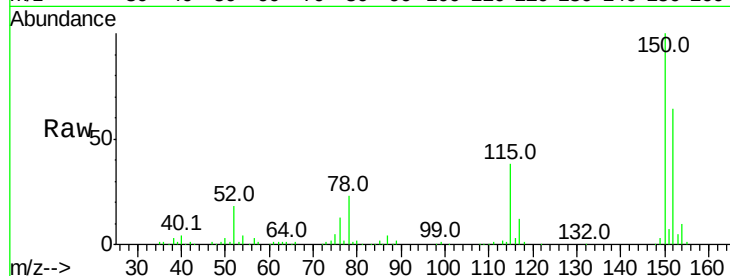
Tot Ion:152 Resp: 125345

Ion Ratio Lower Upper

152 100

150 157.0 126.2 189.2

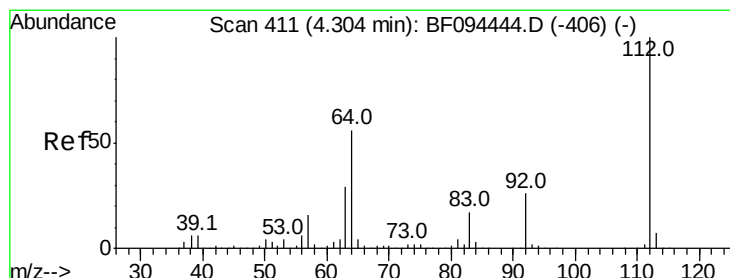
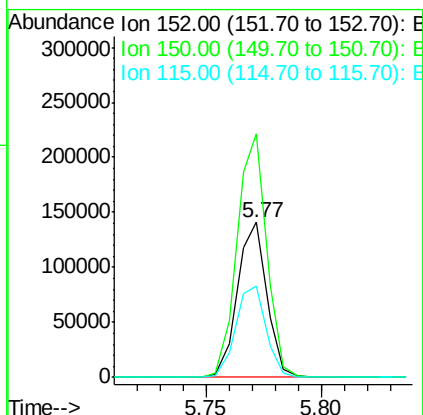
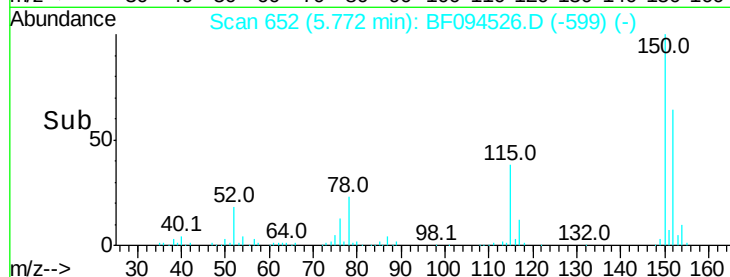
115 59.2 52.2 78.2



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: 140.06 ng

RT: 4.32 min Scan# 406

Delta R.T. 0.02 min

Lab File: BF094526.D

Acq: 19 Apr 2017 20:03

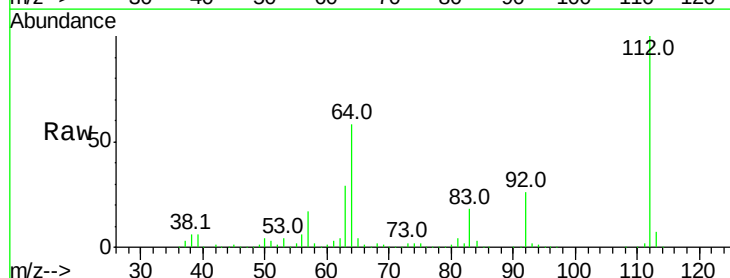
Tgt Ion:112 Resp: 1058169

Ion Ratio Lower Upper

112 100

64 58.0 46.0 69.0

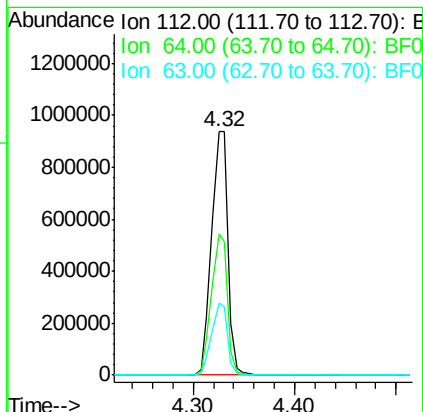
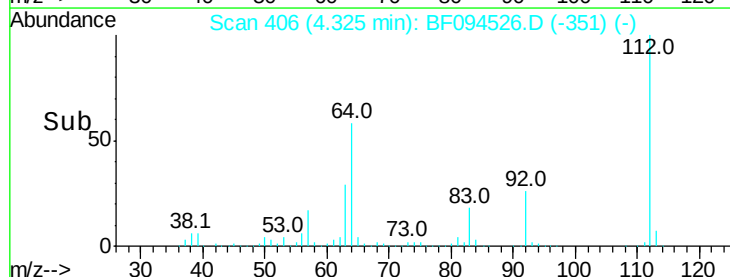
63 29.5 23.4 35.0

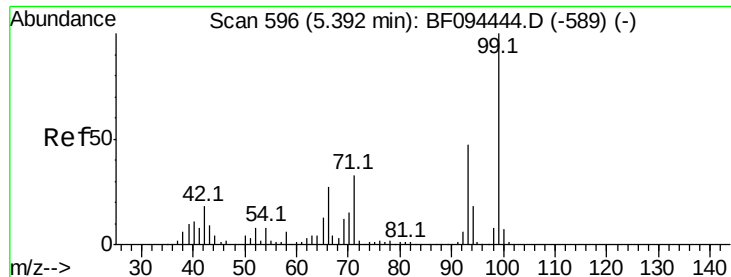


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 157.37 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094526.D

Acq: 19 Apr 2017 20:03

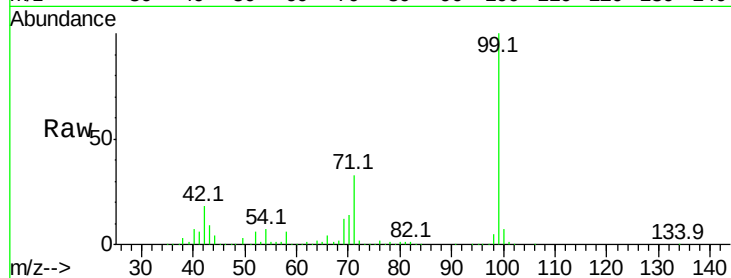
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1401679

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.5	20.3
71	33.3	24.5	36.7

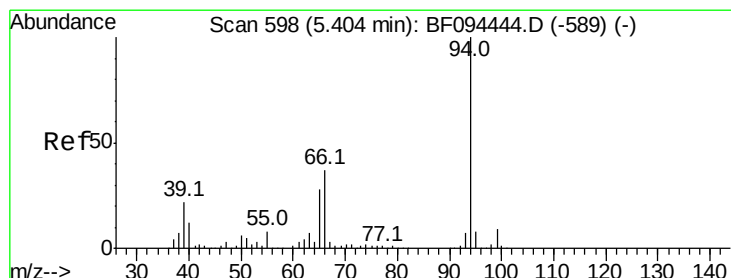
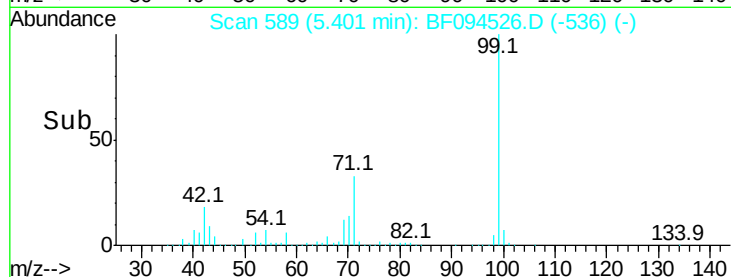
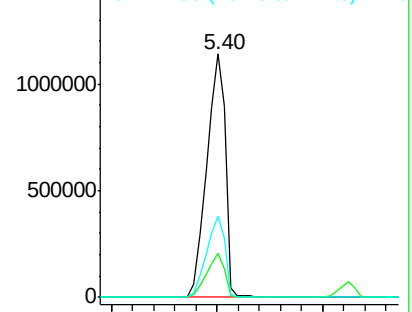


Abundance

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: 2.92 ng

RT: 5.41 min Scan# 591

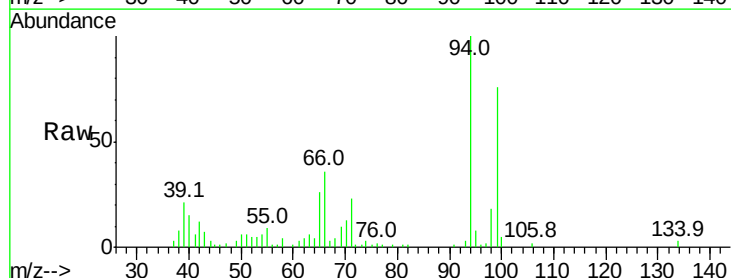
Delta R.T. 0.01 min

Lab File: BF094526.D

Acq: 19 Apr 2017 20:03

Tgt Ion: 94 Resp: 31966

Ion	Ratio	Lower	Upper
94	100		
65	25.7	9.9	49.9
66	35.7	23.1	63.1

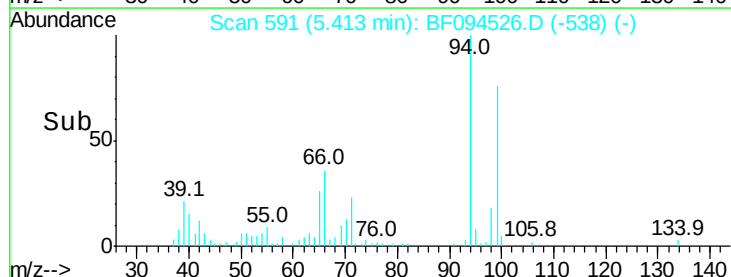
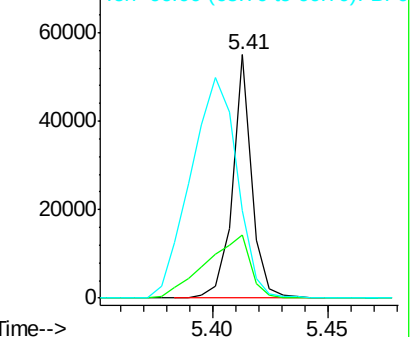


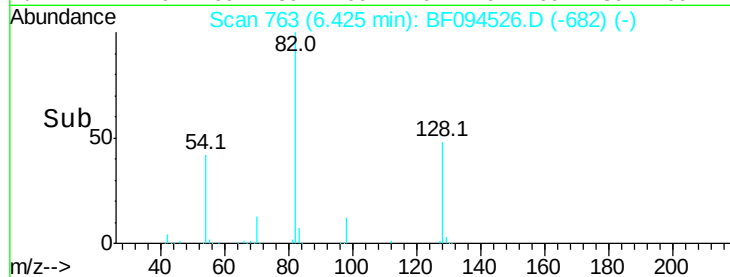
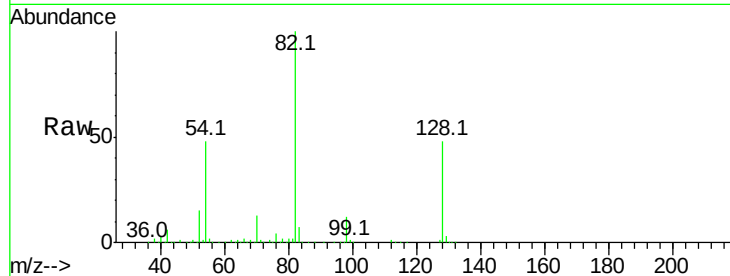
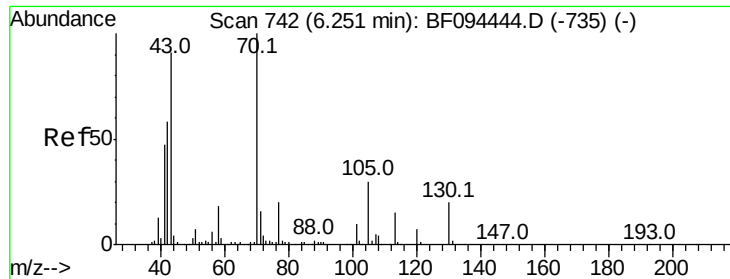
Abundance

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

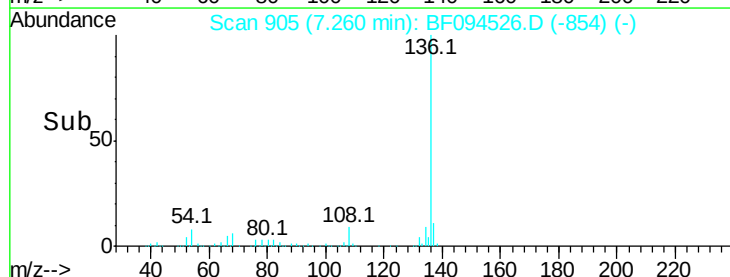
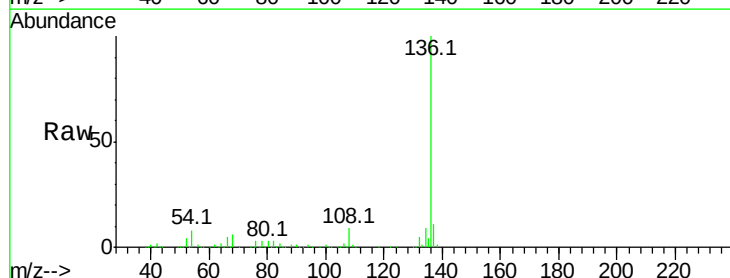
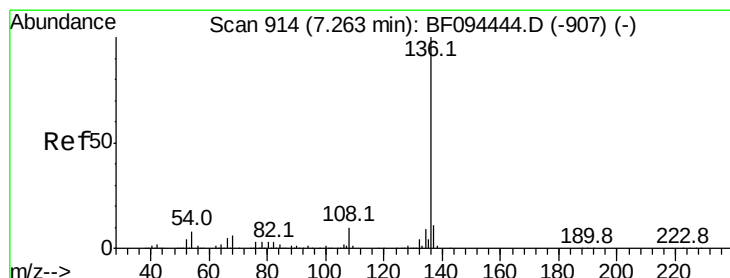
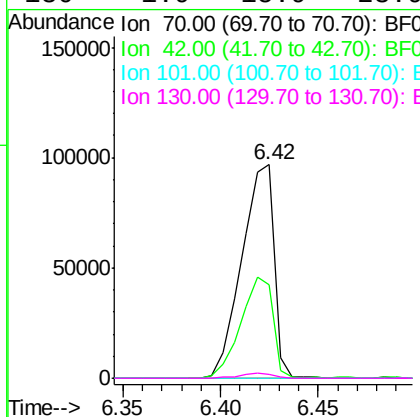




#19
n-Nitroso-di-n-propylamine
Concen: 18.91 ng
RT: 6.42 min Scan# 763
Delta R.T. 0.17 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

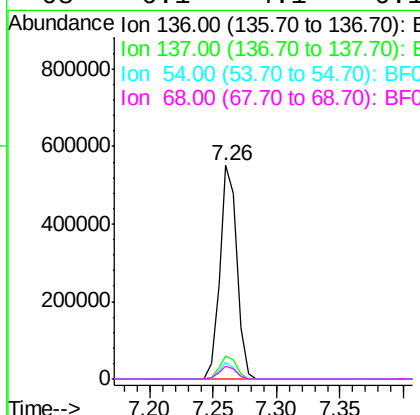
Instrument :
BNA_F
ClientSampleId :

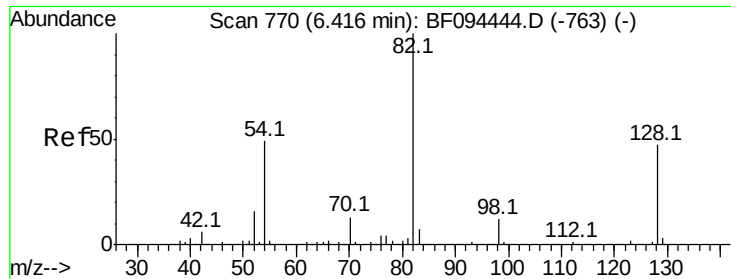
Tot Ion: 70 Resp: 111607
Ion Ratio Lower Upper
70 100
42 43.7 47.2 70.8#
101 0.0 7.2 10.8#
130 1.9 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Tgt Ion: 136 Resp: 517873
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 7.6 4.9 7.3#
68 6.1 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 101.28 ng

RT: 6.42 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF094526.D

Acq: 19 Apr 2017 20:03

Instrument :

BNA_F

ClientSampled :

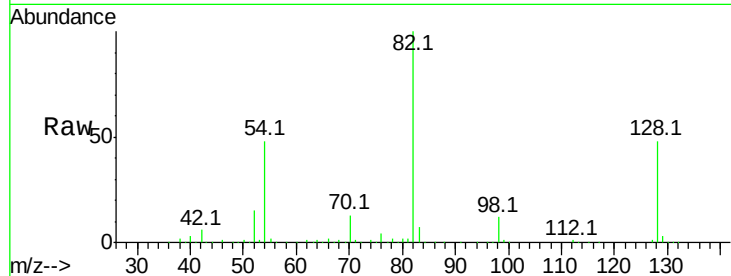
Tot Ion: 82 Resp: 849396

Ion Ratio Lower Upper

82 100

128 48.1 34.0 51.0

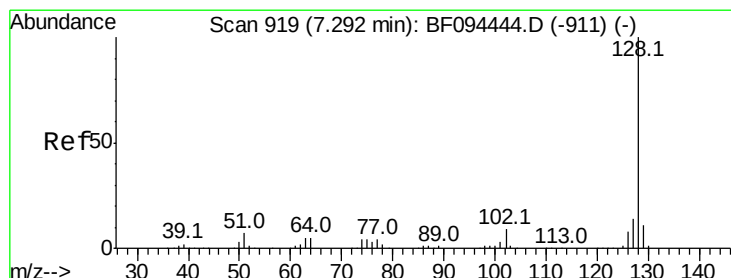
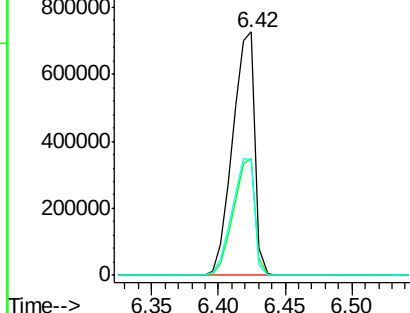
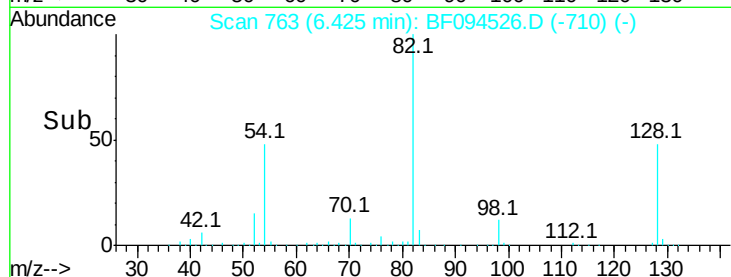
54 47.6 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#31

Naphthalene

Concen: 8.81 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF094526.D

Acq: 19 Apr 2017 20:03

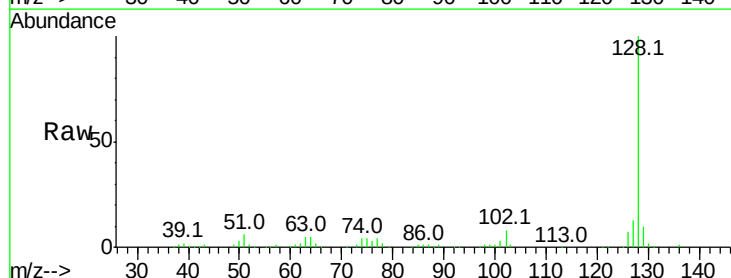
Tgt Ion:128 Resp: 219231

Ion Ratio Lower Upper

128 100

129 10.1 9.0 13.6

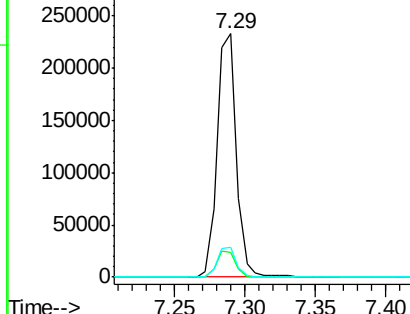
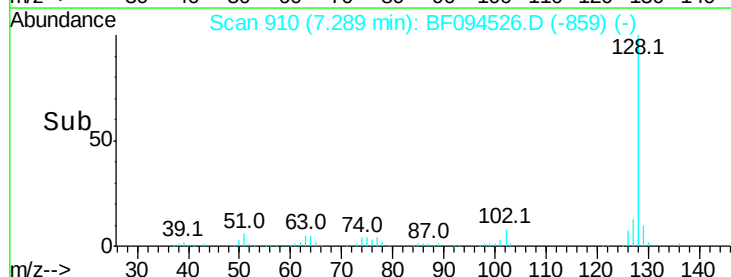
127 12.5 10.8 16.2

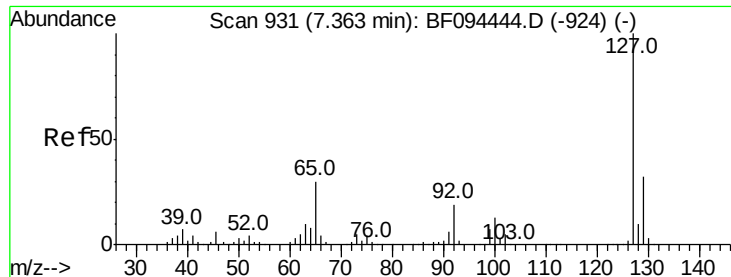


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

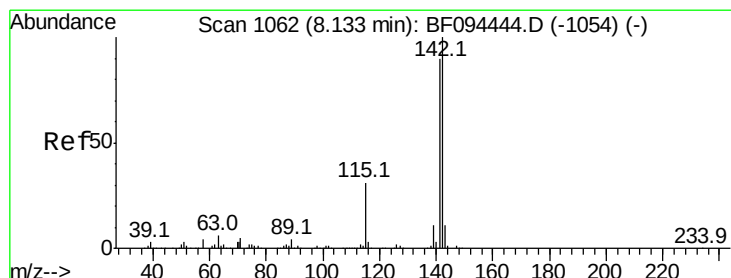
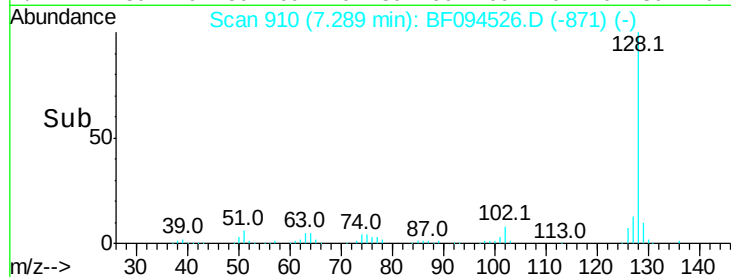
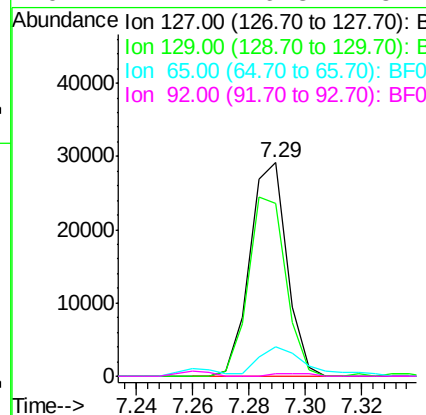
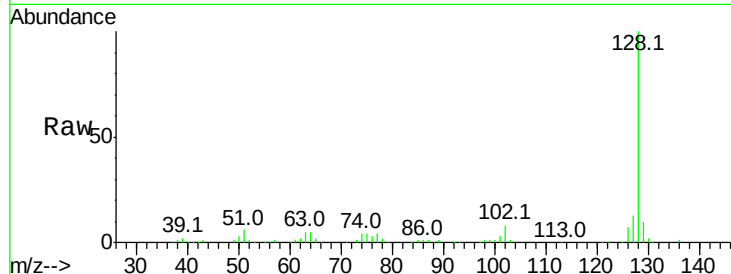




#33
 4-Chloroaniline
 Concen: 2.57 ng
 RT: 7.29 min Scan# 910
 Delta R.T. -0.07 min
 Lab File: BF094526.D
 Acq: 19 Apr 2017 20:03

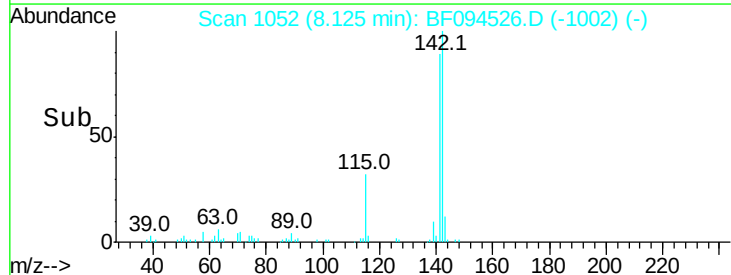
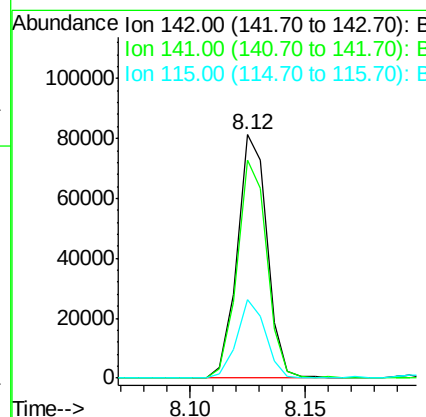
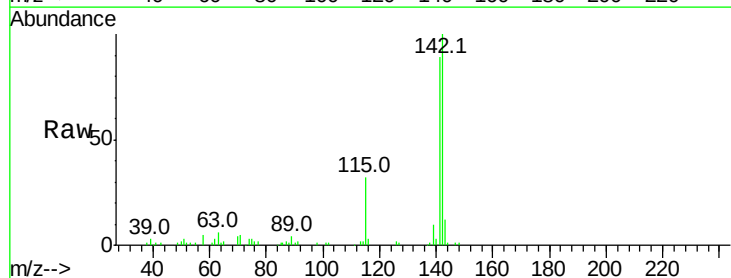
Instrument :
 BNA_F
 ClientSampleId :

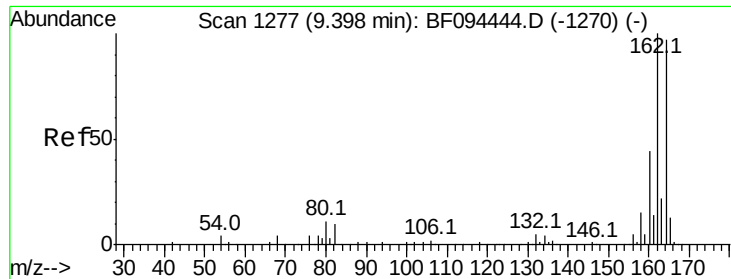
Tot Ion:127	Resp:	26643
Ion	Ratio	Lower Upper
127	100	
129	80.8	26.2 39.2#
65	13.7	27.8 41.8#
92	1.2	16.8 25.2#



#37
 2-Methylnaphthalene
 Concen: 4.30 ng
 RT: 8.12 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF094526.D
 Acq: 19 Apr 2017 20:03

Tgt Ion:142	Resp:	73247
Ion	Ratio	Lower Upper
142	100	
141	89.3	71.3 106.9
115	32.0	27.1 40.7

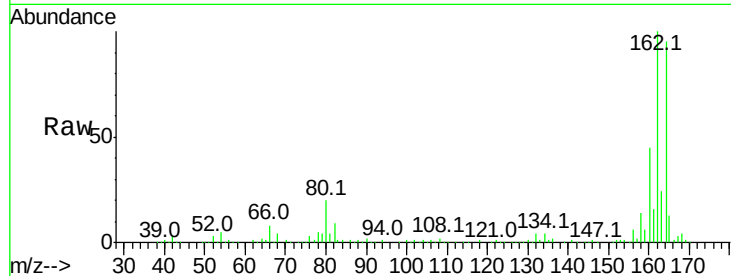




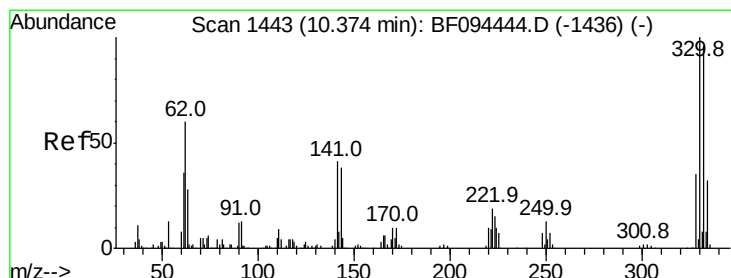
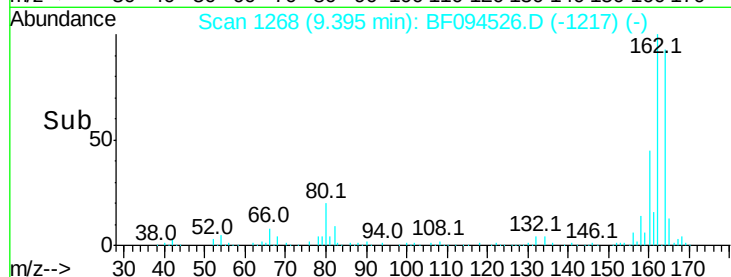
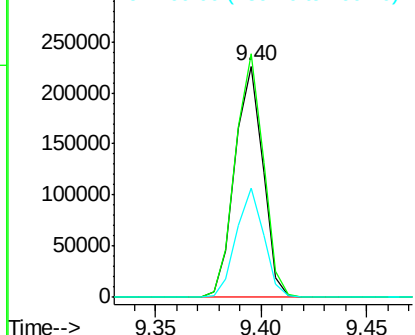
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094526.D
 Acq: 19 Apr 2017 20:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 206942
 Ion Ratio Lower Upper
 164 100
 162 105.5 82.6 123.8
 160 47.1 36.2 54.2

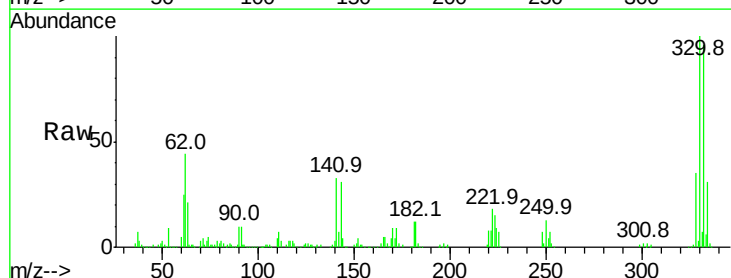


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

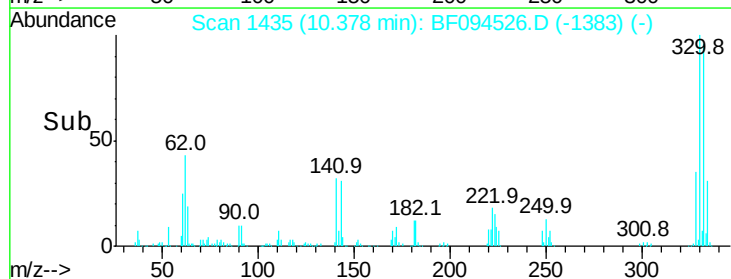
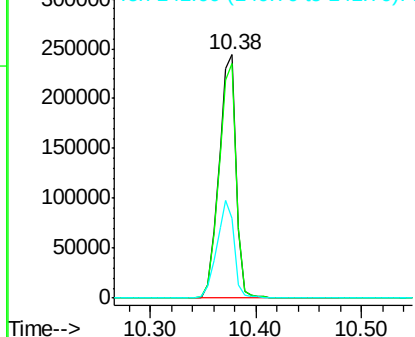


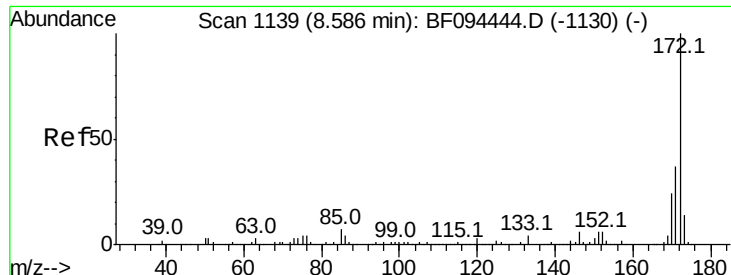
#41
 2,4,6-Tribromophenol
 Concen: 173.12 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094526.D
 Acq: 19 Apr 2017 20:03

Tgt Ion:330 Resp: 280218
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 115.0
 141 40.5 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

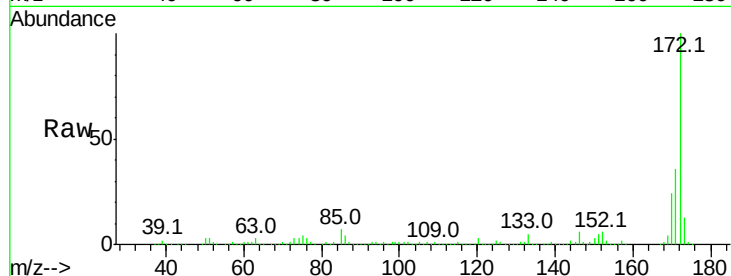




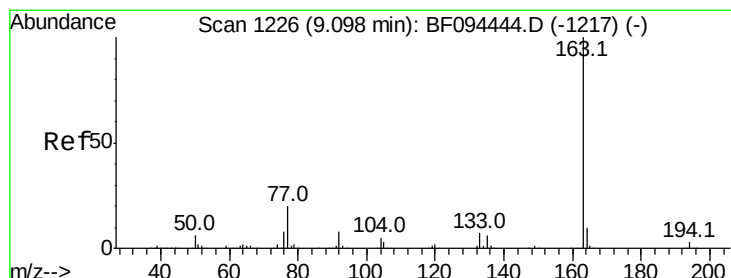
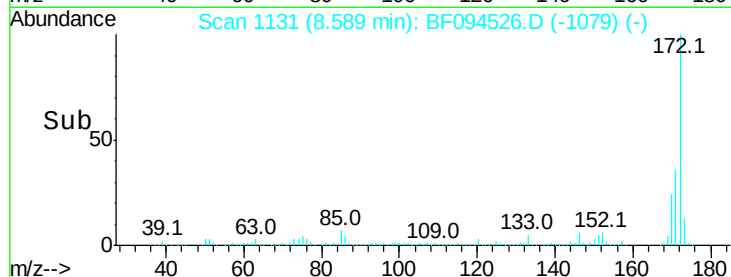
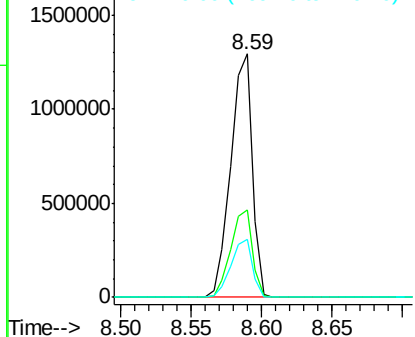
#44
2-Fluorobiphenyl
Concen: 97.78 ng
RT: 8.59 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1375251
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.8 19.8 29.8

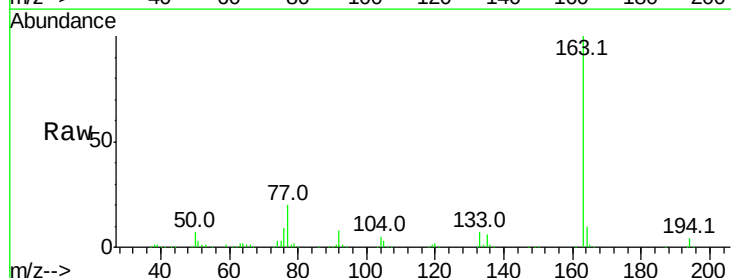


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

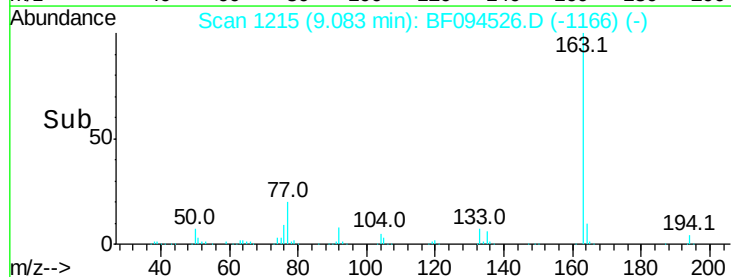
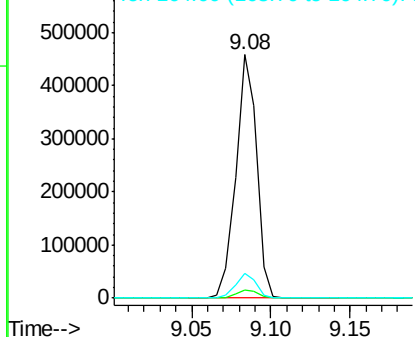


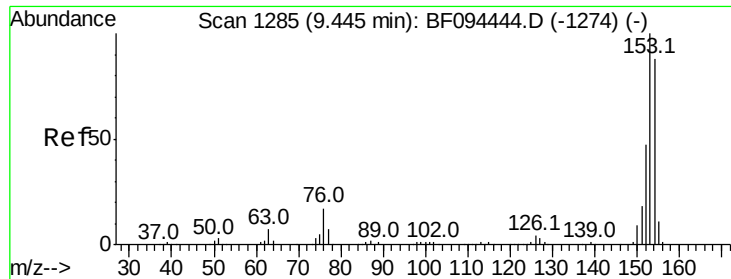
#49
Dimethylphthalate
Concen: 26.87 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Tgt Ion:163 Resp: 414464
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 9.72 ng

RT: 9.43 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF094526.D

Acq: 19 Apr 2017 20:03

Instrument :

BNA_F

ClientSampleId :

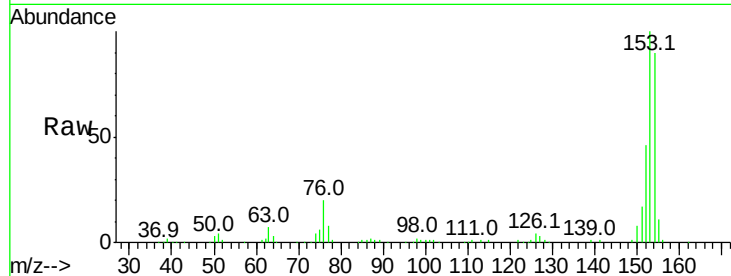
Tot Ion:154 Resp: 122006

Ion Ratio Lower Upper

154 100

153 111.7 90.5 135.7

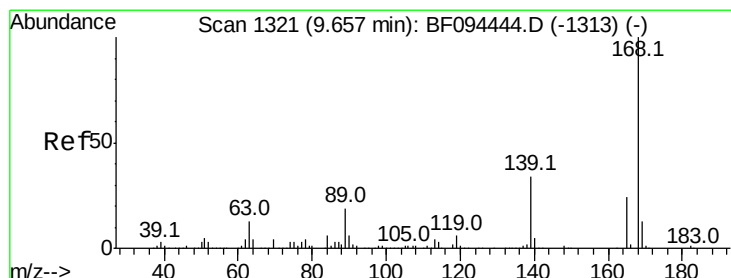
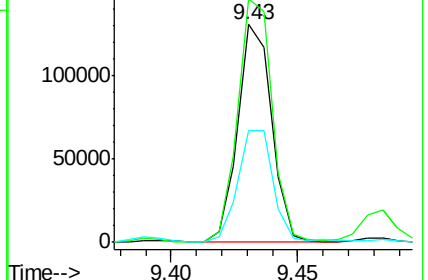
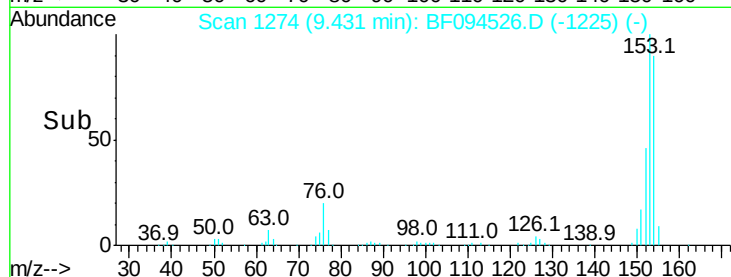
152 51.6 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 7.93 ng

RT: 9.65 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF094526.D

Acq: 19 Apr 2017 20:03

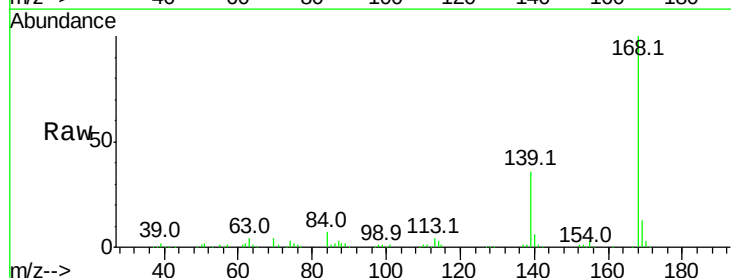
Tgt Ion:168 Resp: 144650

Ion Ratio Lower Upper

168 100

139 35.6 30.6 45.8

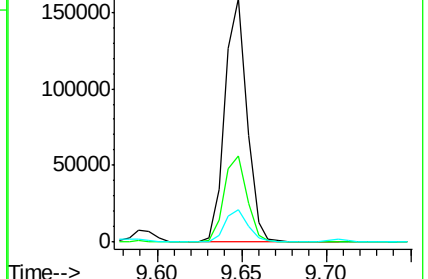
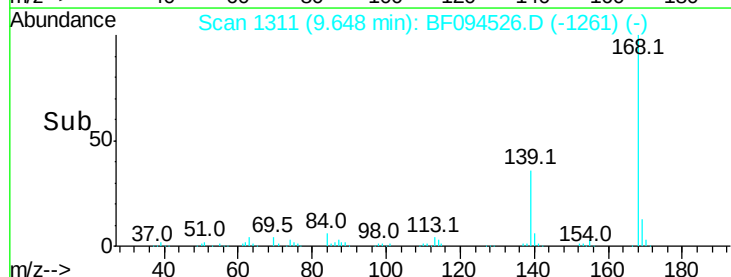
169 13.1 10.8 16.2

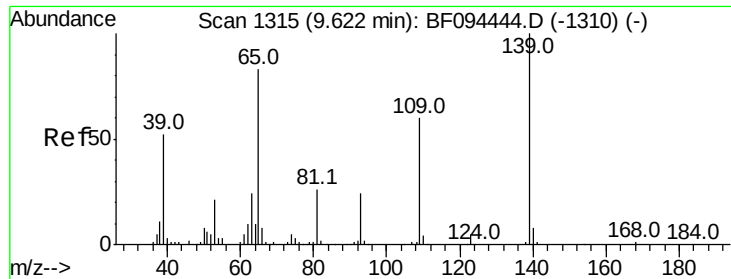


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

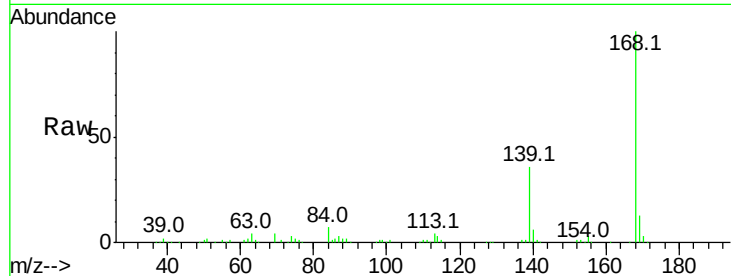




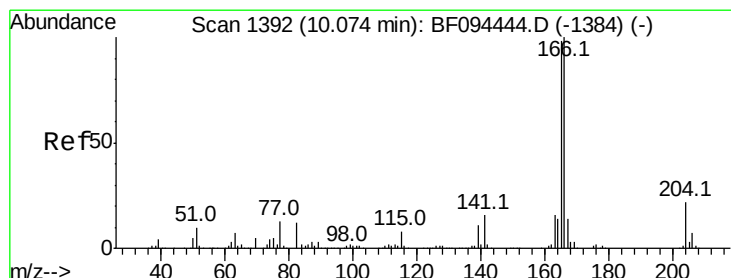
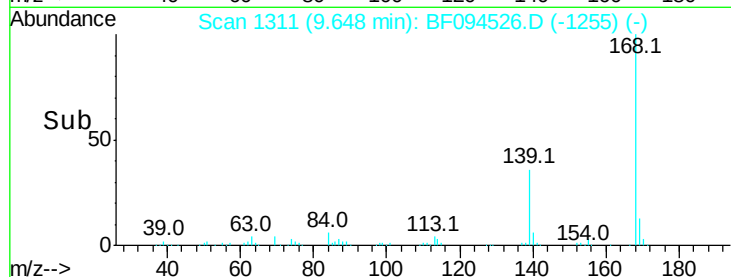
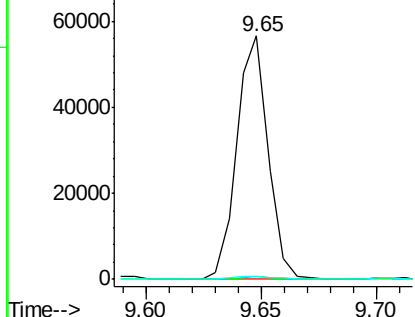
#55
4-Nitrophenol
Concen: 18.88 ng
RT: 9.65 min Scan# 1311
Delta R.T. 0.03 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	1.2	34.1	74.1#
65	1.3	31.4	71.4#

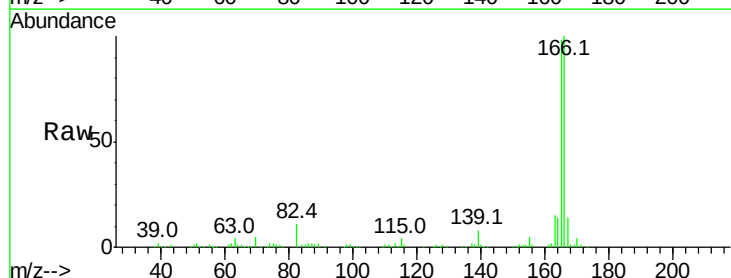


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

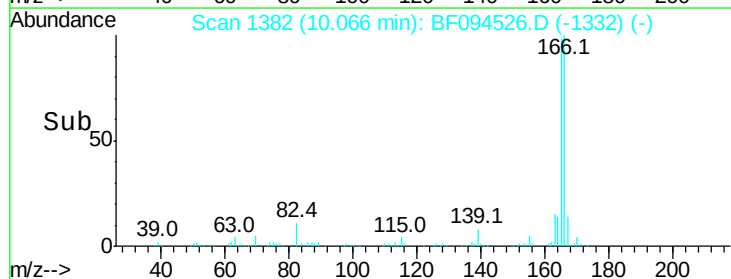
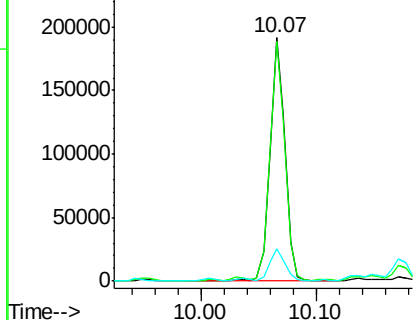


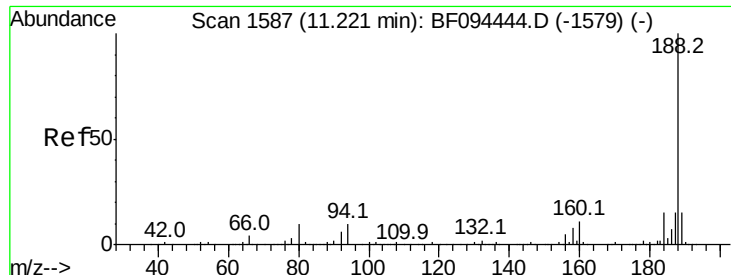
#57
Fluorene
Concen: 12.35 ng
RT: 10.07 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.8	118.2
167	13.5	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: 11.22 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF094526.D

Acq: 19 Apr 2017 20:03

Instrument :

BNA_F

ClientSampled :

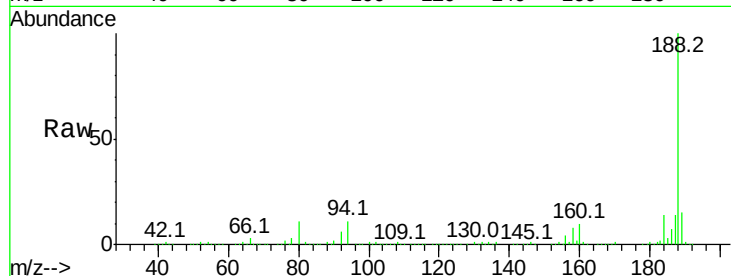
Tot Ion:188 Resp: 413916

Ion Ratio Lower Upper

188 100

94 10.6 9.4 14.2

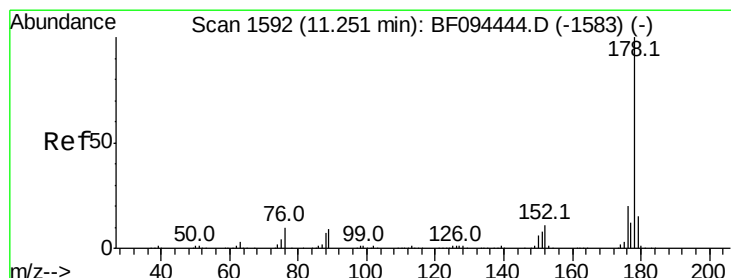
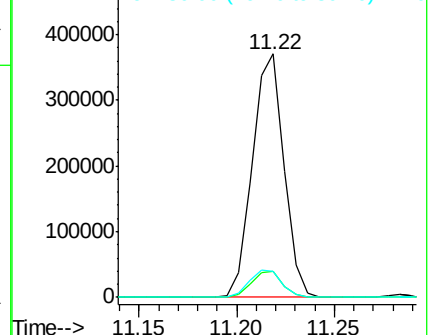
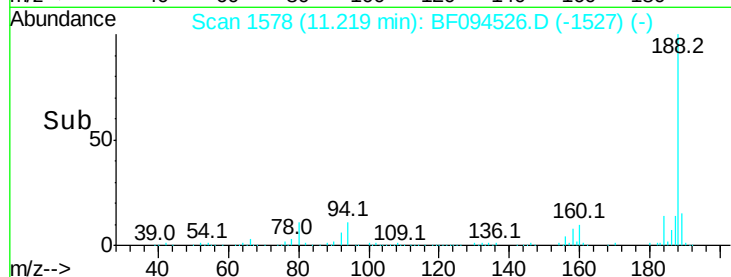
80 10.9 10.2 15.2



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: 56.98 ng

RT: 11.25 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF094526.D

Acq: 19 Apr 2017 20:03

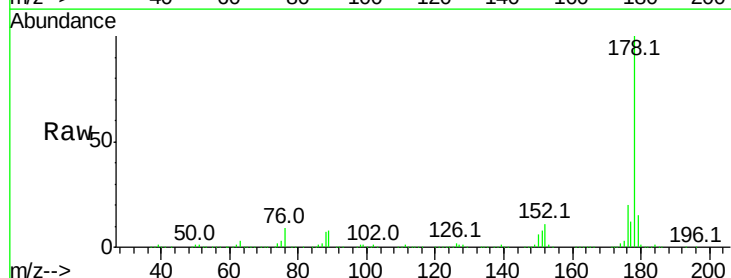
Tgt Ion:178 Resp: 1328035

Ion Ratio Lower Upper

178 100

176 19.5 16.2 24.4

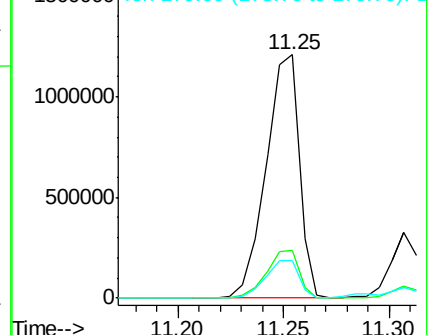
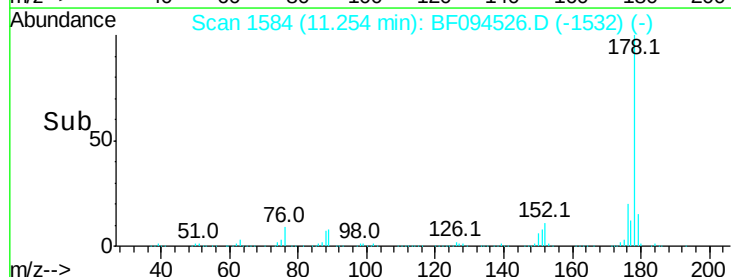
179 15.2 12.6 19.0

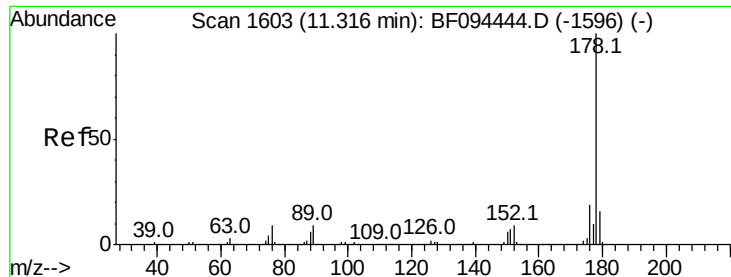


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 12.28 ng

RT: 11.31 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF094526.D

Acq: 19 Apr 2017 20:03

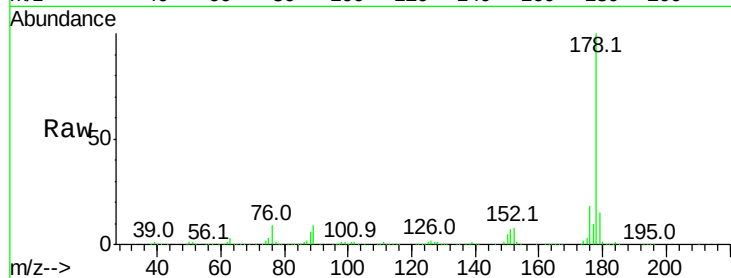
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 295975

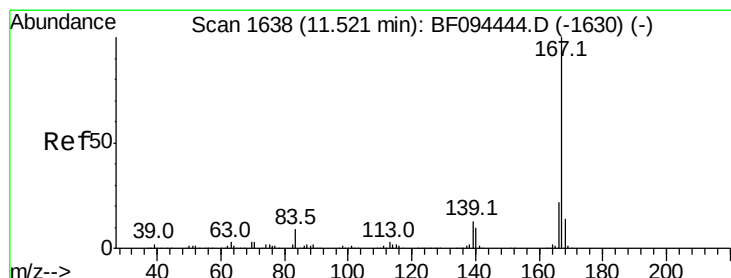
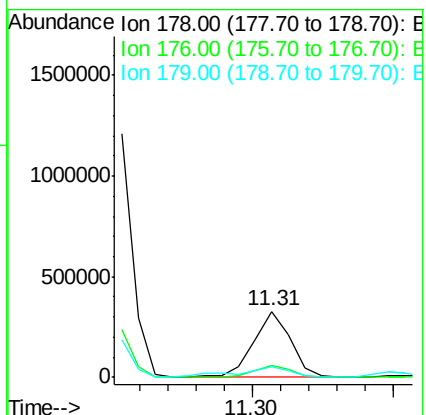
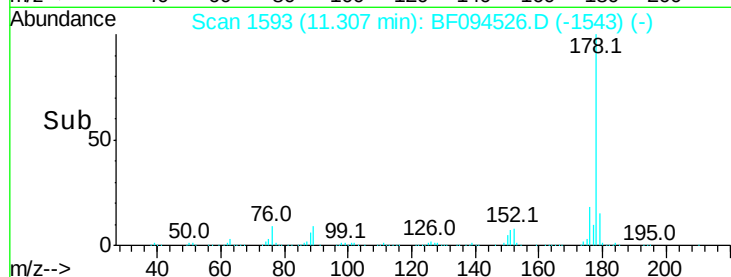
Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.8	23.8
179	15.5	12.7	19.1



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: 7.40 ng

RT: 11.51 min Scan# 1628

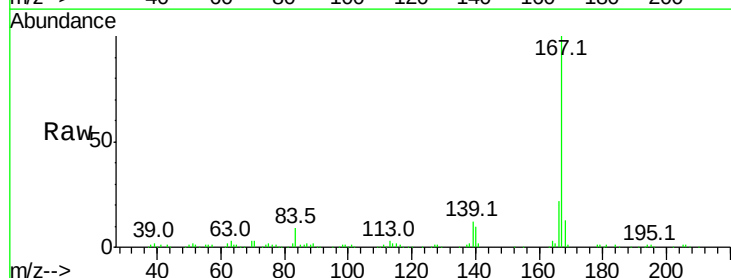
Delta R.T. -0.01 min

Lab File: BF094526.D

Acq: 19 Apr 2017 20:03

Tgt Ion:167 Resp: 167538

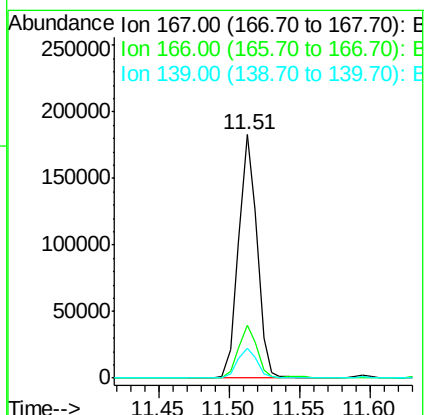
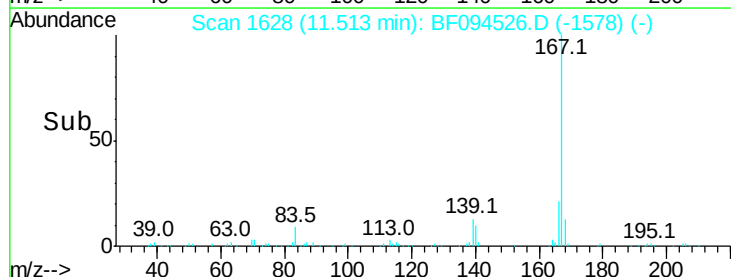
Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.1	27.1
139	12.5	11.7	17.5

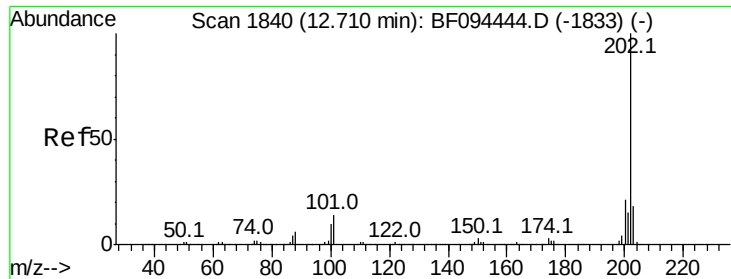


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

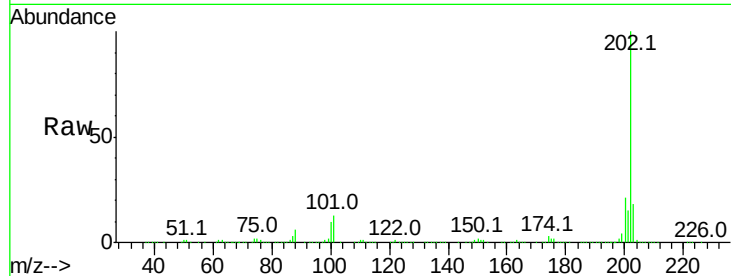




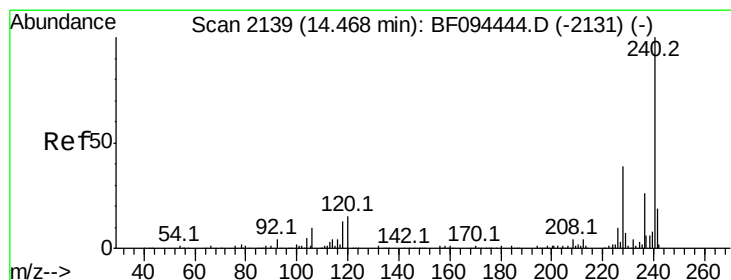
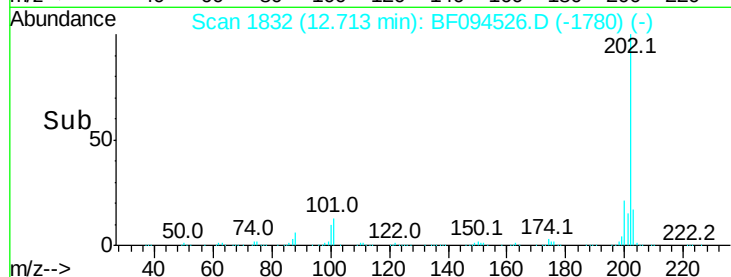
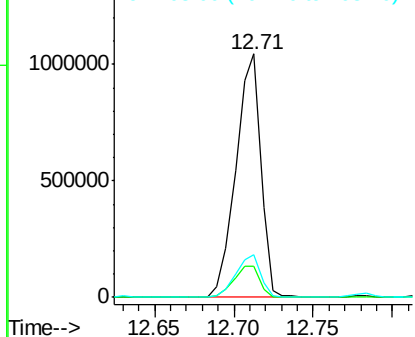
#74
Fluoranthene
Concen: 47.01 ng
RT: 12.71 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 1135715
Ion Ratio Lower Upper
202 100
101 12.6 0.0 33.2
203 17.6 0.0 38.1

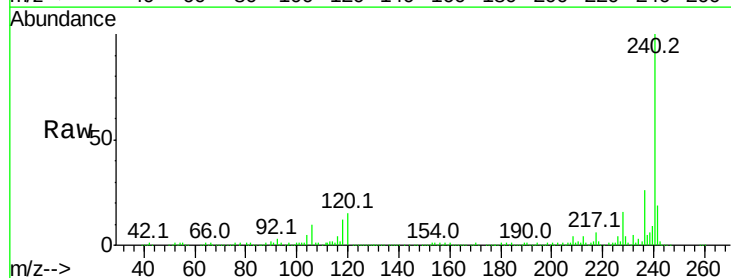


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

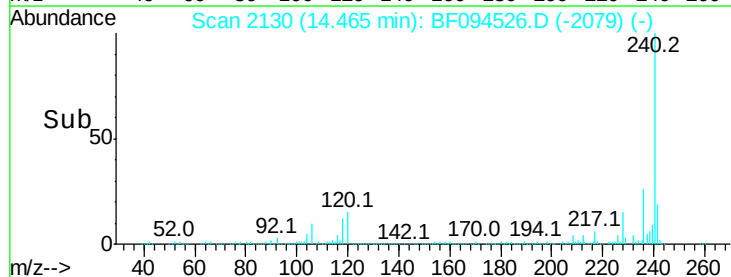
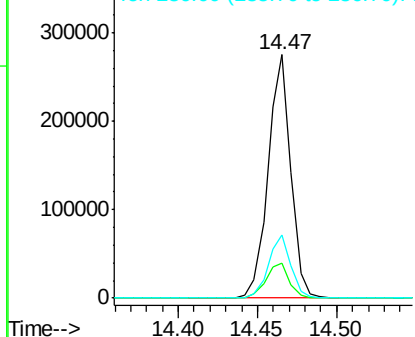


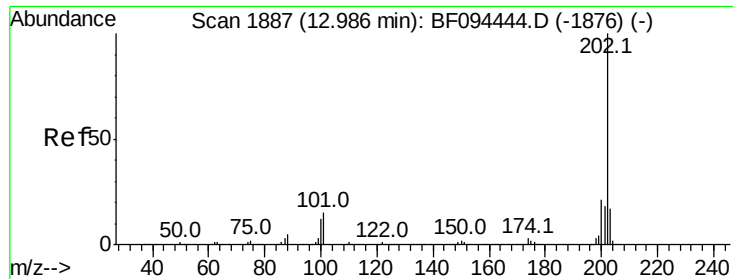
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Tgt Ion:240 Resp: 274966
Ion Ratio Lower Upper
240 100
120 14.5 5.8 8.8#
236 25.8 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: 55.48 ng

RT: 12.98 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BF094526.D

Acq: 19 Apr 2017 20:03

Instrument :

BNA_F

ClientSampleId :

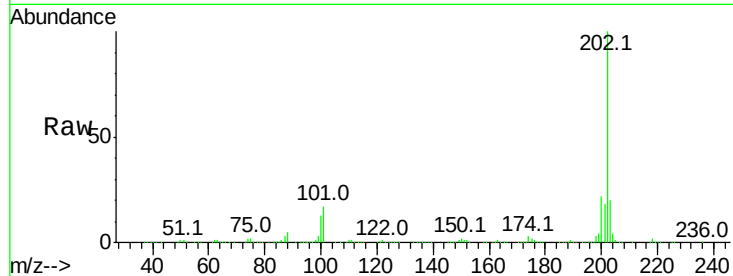
Tot Ion:202 Resp: 1065819

Ion Ratio Lower Upper

202 100

200 22.0 17.6 26.4

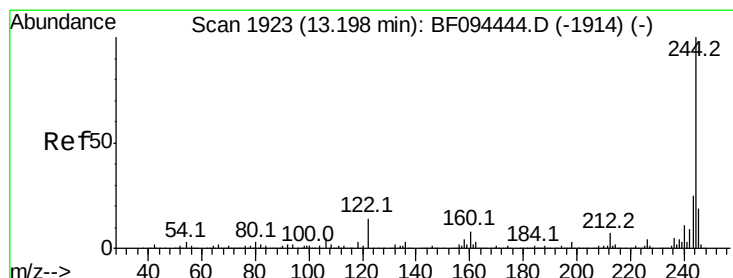
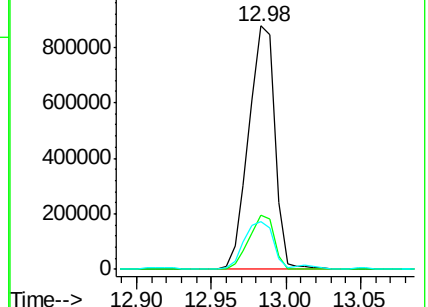
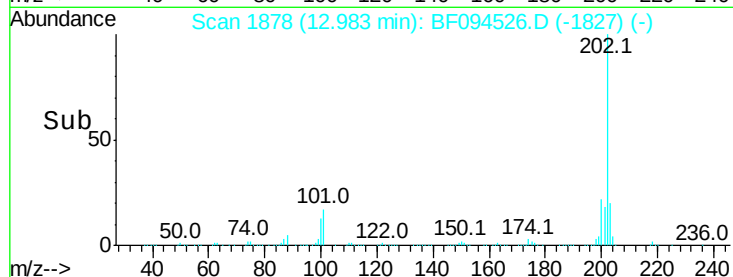
203 19.8 14.4 21.6



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: 99.57 ng

RT: 13.19 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BF094526.D

Acq: 19 Apr 2017 20:03

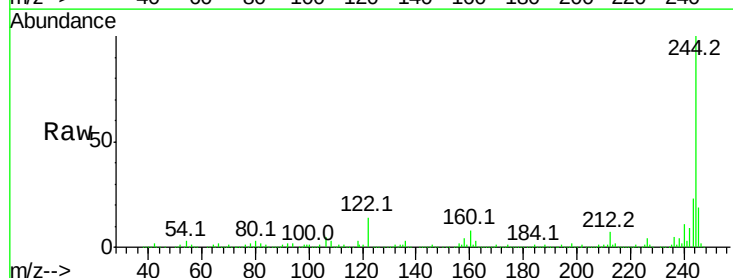
Tgt Ion:244 Resp: 1024244

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

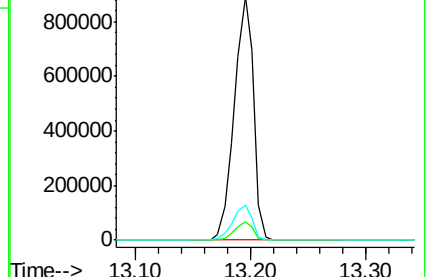
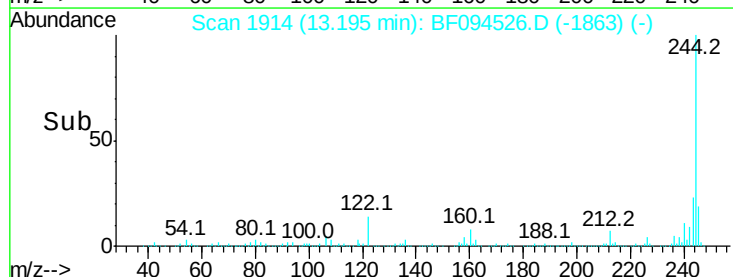
122 14.2 10.3 15.5

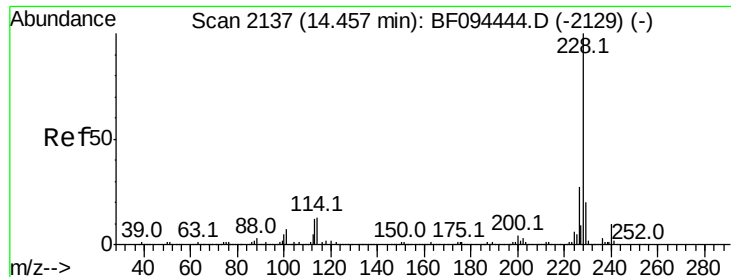


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 20.12 ng

RT: 14.45 min Scan# 2128

Delta R.T. -0.00 min

Lab File: BF094526.D

Acq: 19 Apr 2017 20:03

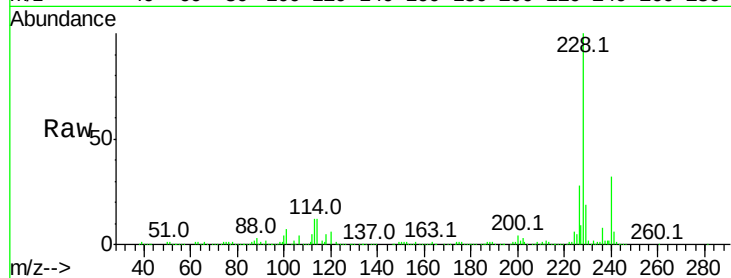
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 321535

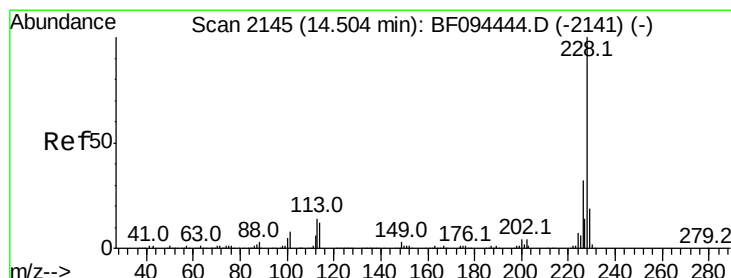
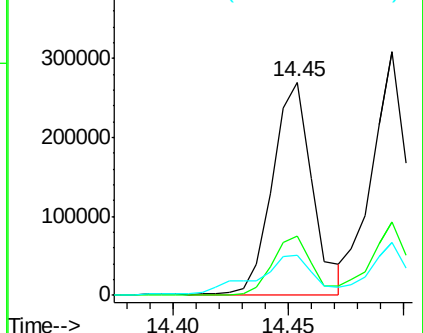
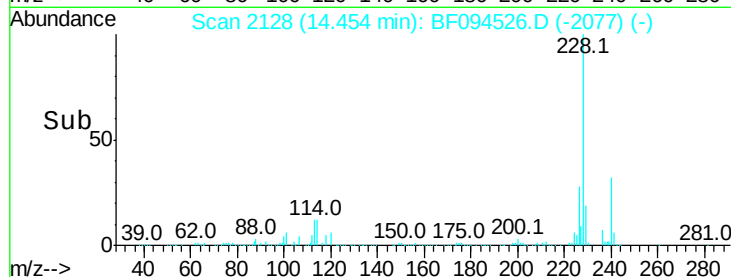
Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	18.9	16.3	24.5



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: 21.67 ng

RT: 14.49 min Scan# 2135

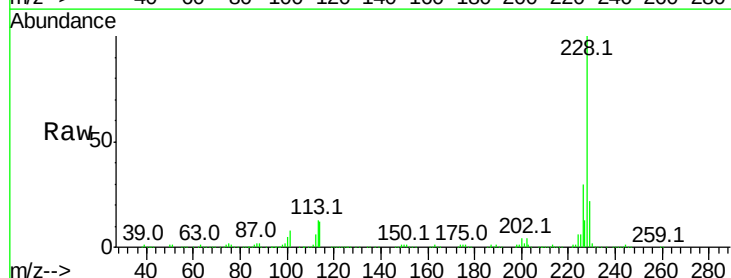
Delta R.T. -0.01 min

Lab File: BF094526.D

Acq: 19 Apr 2017 20:03

Tgt Ion:228 Resp: 316506

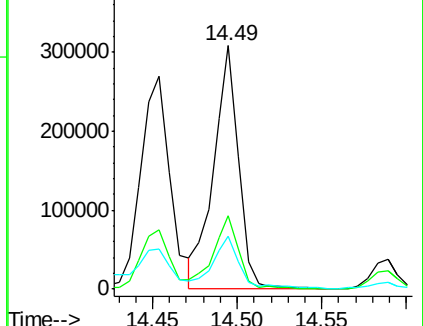
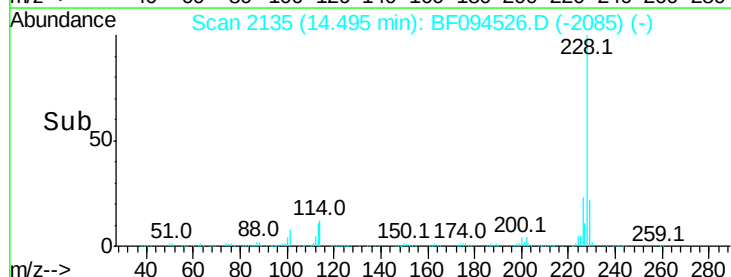
Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	21.6	15.8	23.6

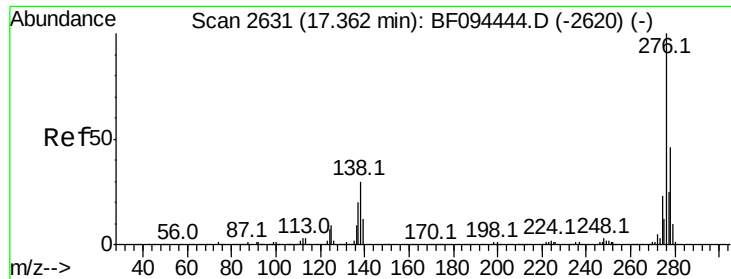


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

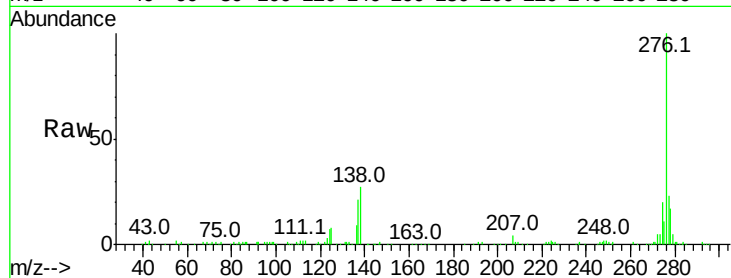




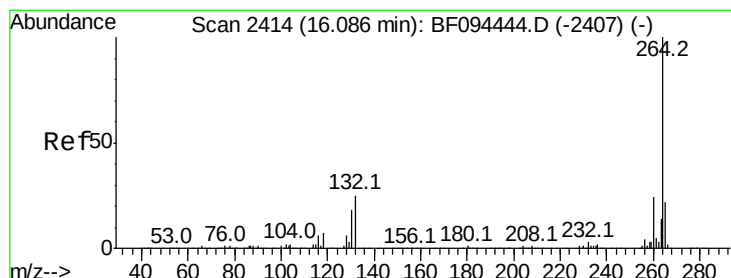
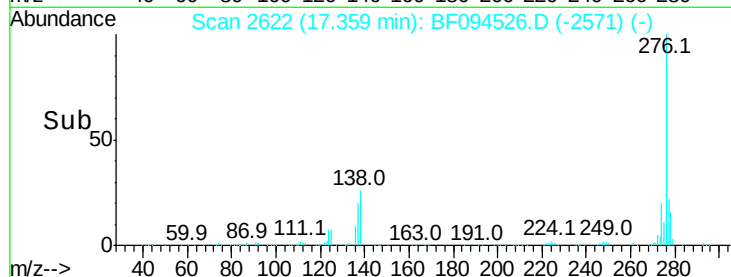
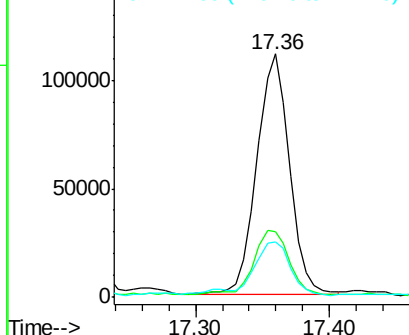
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 13.52 ng
 RT: 17.36 min Scan# 2622
 Delta R.T. -0.00 min
 Lab File: BF094526.D
 Acq: 19 Apr 2017 20:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.4	27.8	41.6
277	23.6	20.2	30.4

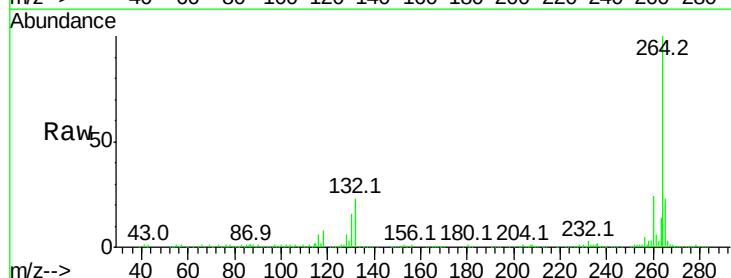


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

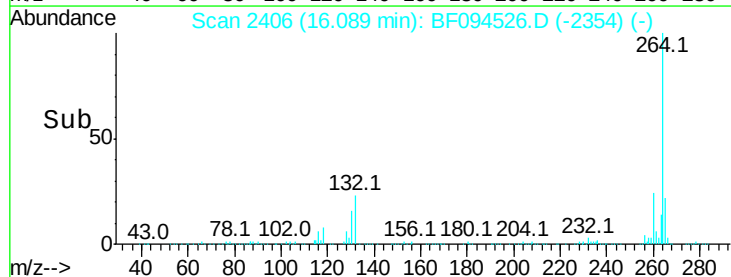
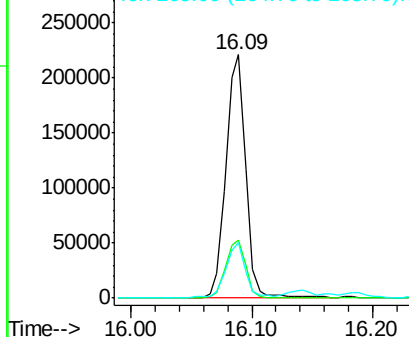


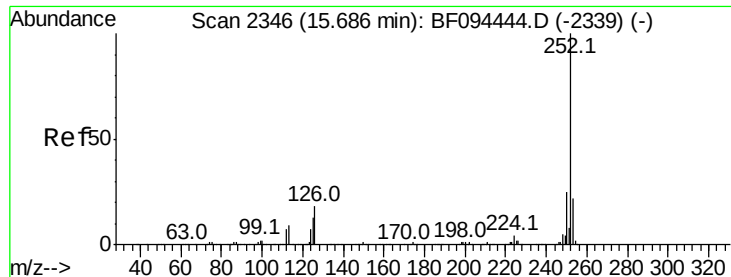
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2406
 Delta R.T. 0.00 min
 Lab File: BF094526.D
 Acq: 19 Apr 2017 20:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.6	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 31.09 ng

RT: 15.69 min Scan# 2338

Delta R.T. 0.00 min

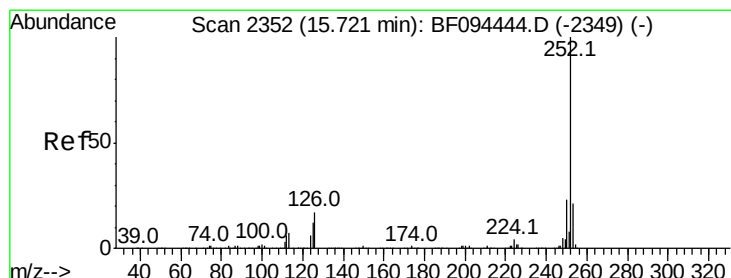
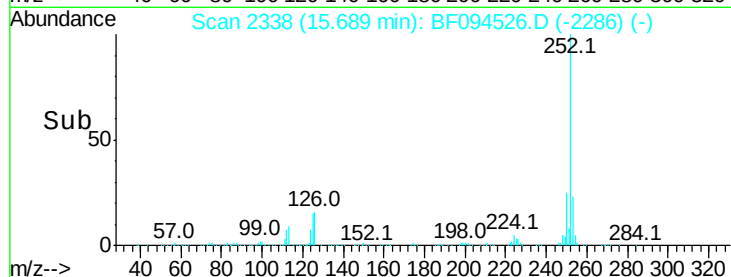
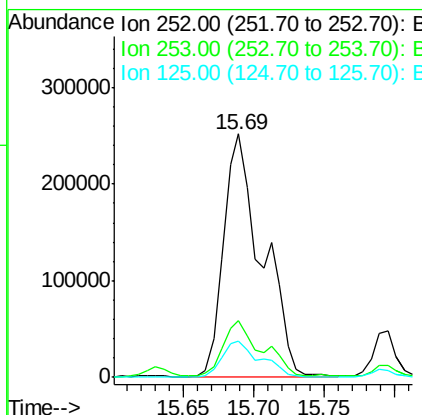
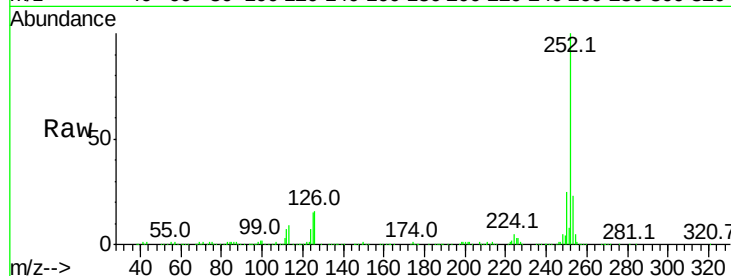
Lab File: BF094526.D

Acq: 19 Apr 2017 20:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 478666

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	14.7	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 32.85 ng

RT: 15.69 min Scan# 2338

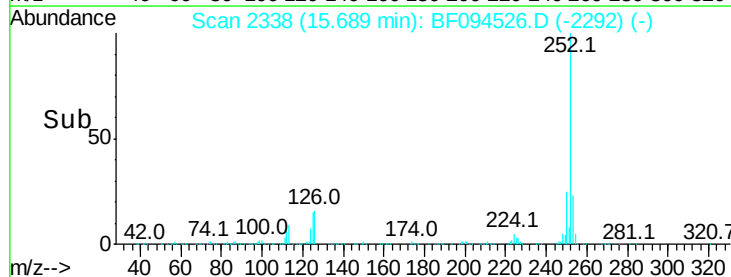
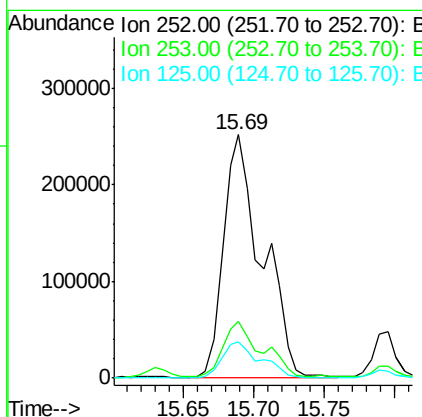
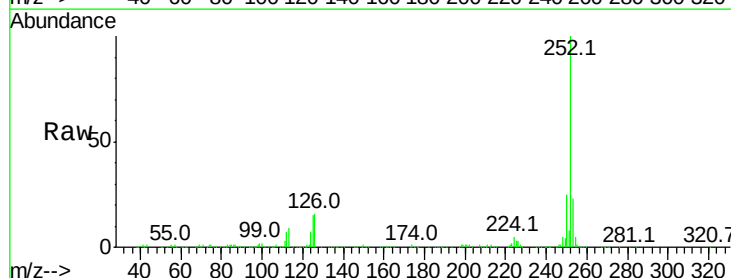
Delta R.T. -0.03 min

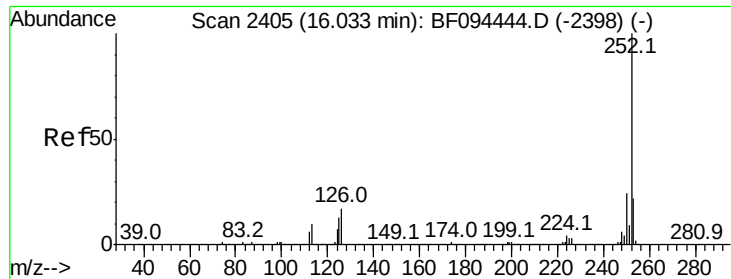
Lab File: BF094526.D

Acq: 19 Apr 2017 20:03

Tgt Ion:252 Resp: 478666

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	14.7	13.1	19.7

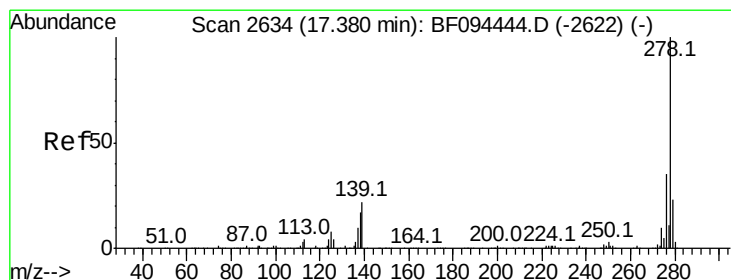
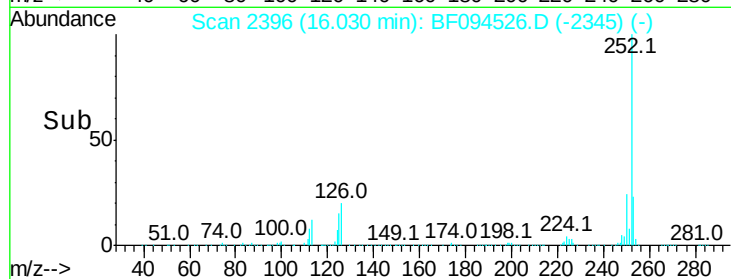
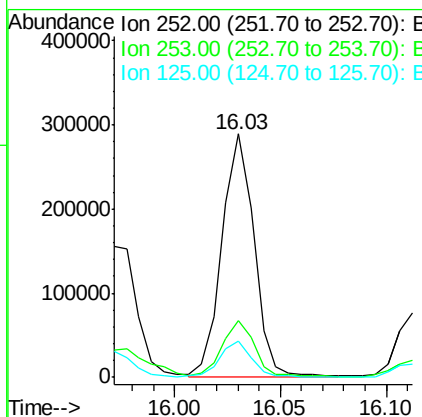
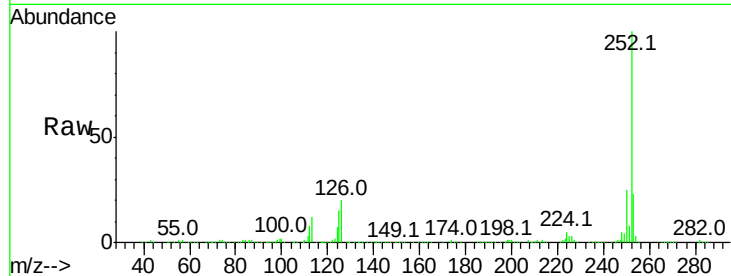




#89
Benzo(a)pyrene
Concen: 21.16 ng
RT: 16.03 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

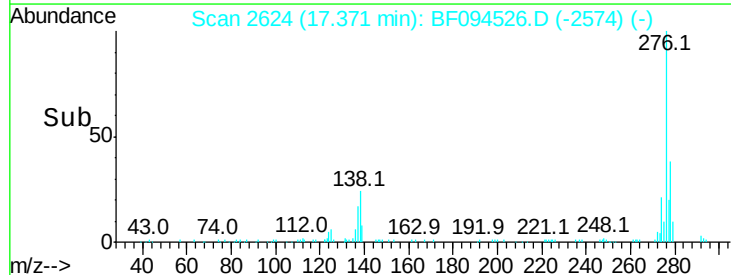
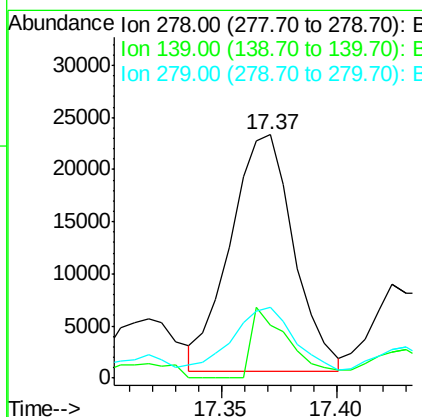
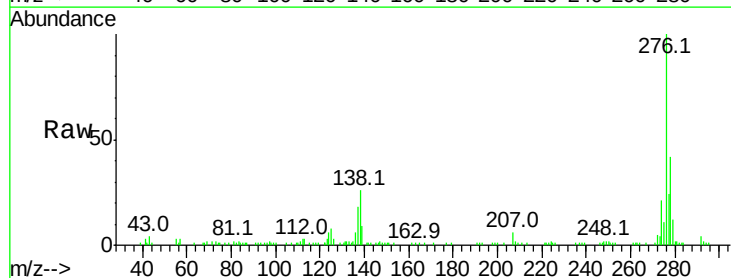
Instrument :
BNA_F
ClientSampleId :

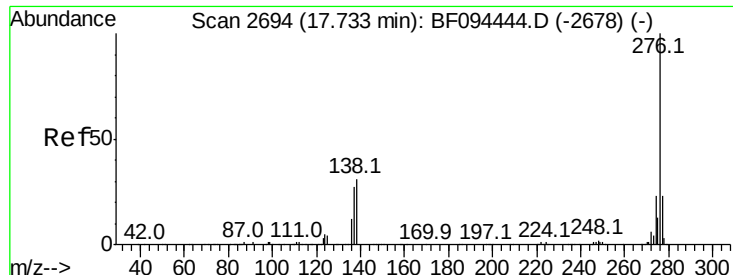
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	14.7	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 3.66 ng
RT: 17.37 min Scan# 2624
Delta R.T. -0.01 min
Lab File: BF094526.D
Acq: 19 Apr 2017 20:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.5	16.6	24.8
279	28.9	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 16.50 ng

RT: 17.73 min Scan# 2685

Delta R.T. -0.00 min

Lab File: BF094526.D

Acq: 19 Apr 2017 20:03

Instrument :

BNA_F

ClientSampleId :

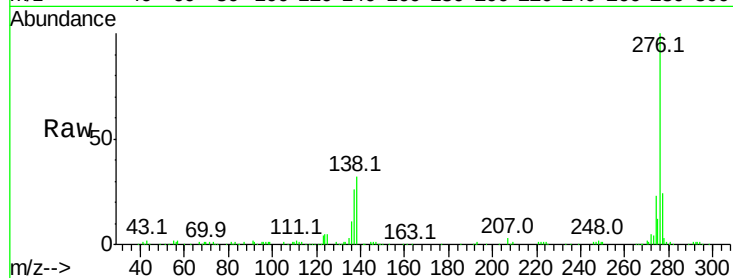
Tot Ion:276 Resp: 199803

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 32.1 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

