

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101217\
 Data File : BF099416.D
 Acq On : 13 Oct 2017 1:10
 Operator : SJ/JU
 Sample : I5729-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 13 04:37:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	111539	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	433807	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	169035	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	244915	20.00	ng	0.00
75) Chrysene-d12	14.02	240	209077	20.00	ng	0.00
86) Perylene-d12	15.49	264	174200	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	677214	96.65	ng	0.01
7) Phenol-d6	6.49	99	827592	95.75	ng	0.00
23) Nitrobenzene-d5	7.42	82	500999	74.06	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	116059	83.91	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	787225	77.75	ng	0.00
78) Terphenyl-d14	12.96	244	532885	57.96	ng	0.00

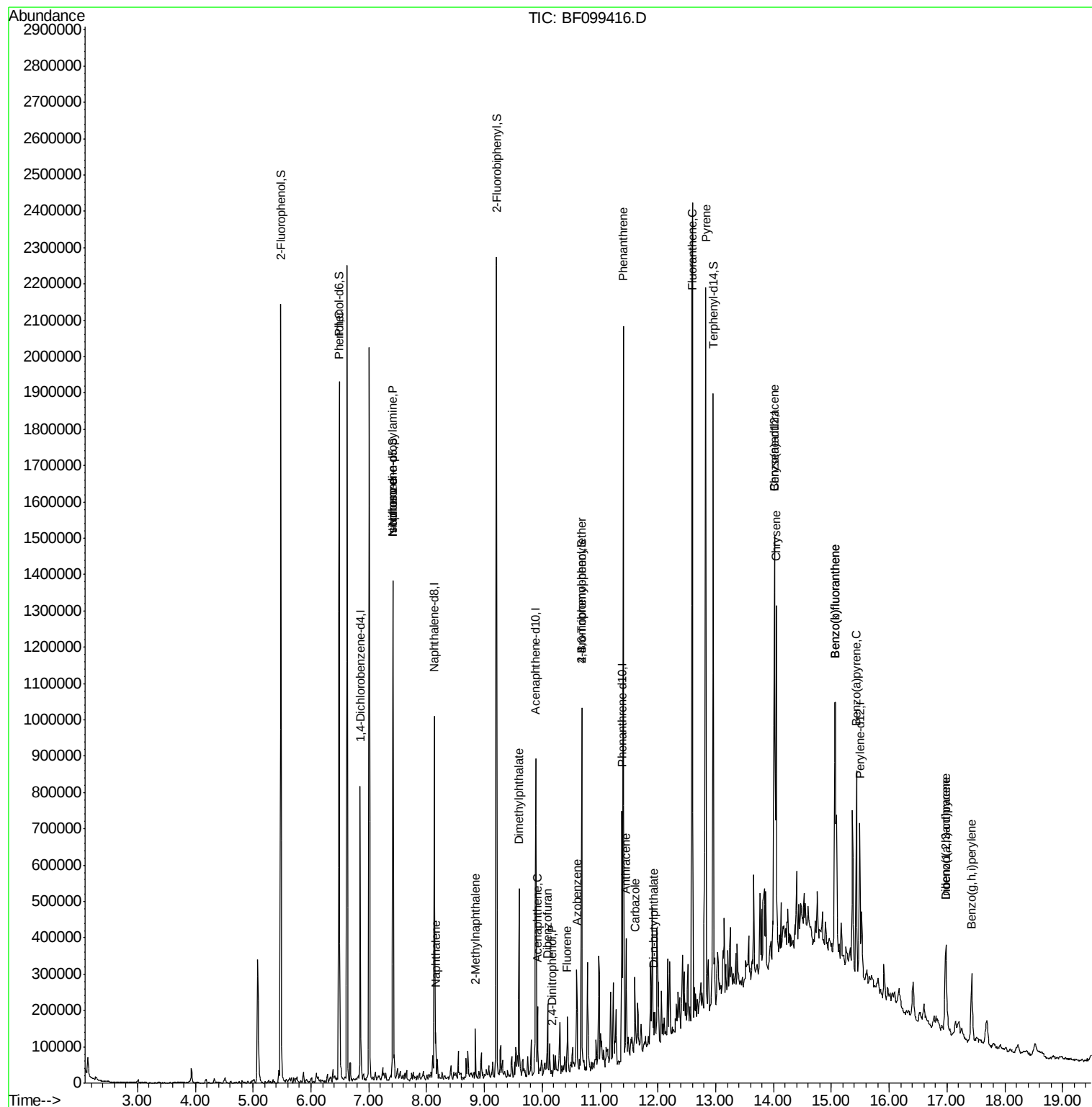
Target Compounds				Qvalue		
10) Phenol	6.50	94	27635	2.86	ng	95
19) n-Nitroso-di-n-propylamine	7.42	70	64398	11.67	ng	# 74
25) Isophorone	7.42	82	499198	35.69	ng	# 64
31) Naphthalene	8.16	128	49496	2.43	ng	100
37) 2-Methylnaphthalene	8.85	142	35401	2.67	ng	98
49) Dimethylphthalate	9.60	163	182972	14.34	ng	99
51) Acenaphthene	9.92	154	34476	3.26	ng	99
53) 2,4-Dinitrophenol	10.17	184	385	6.07	ng	# 16
54) Dibenzofuran	10.09	168	56225	3.99	ng	97
57) Fluorene	10.43	166	38973	3.44	ng	97
62) Azobenzene	10.60	77	39956	3.49	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	7915	3.30	ng	# 1
70) Phenanthrene	11.40	178	729144	55.62	ng	99
71) Anthracene	11.45	178	121486	9.06	ng	99
72) Carbazole	11.61	167	77870	5.93	ng	100
73) Di-n-butylphthalate	11.93	149	41543	2.63	ng	97
74) Fluoranthene	12.60	202	985225	74.22	ng	98
77) Pyrene	12.83	202	871864	54.69	ng	99
80) Benzo(a)anthracene	14.01	228	421896	33.32	ng	99
82) Chrysene	14.04	228	365206	30.30	ng	97
85) Indeno(1,2,3-cd)pyrene	16.97	276	137661	14.28	ng	99
87) Benzo(b)fluoranthene	15.06	252	558546	52.15	ng	# 95
88) Benzo(k)fluoranthene	15.06	252	558546	52.80	ng	97
89) Benzo(a)pyrene	15.43	252	252716	25.70	ng	# 95
90) Dibenzo(a,h)anthracene	16.97	278	34532	4.39	ng	# 77
91) Benzo(g,h,i)perylene	17.43	276	133010	17.10	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: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF099416.D

Acq: 13 Oct 2017 1:10

Instrument :
BNA_F
ClientSampled :

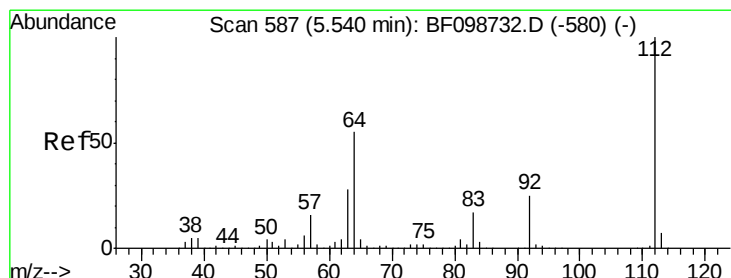
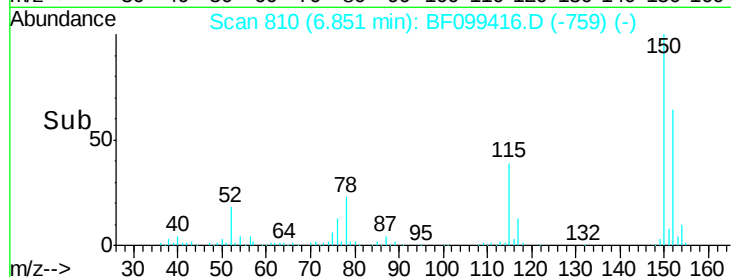
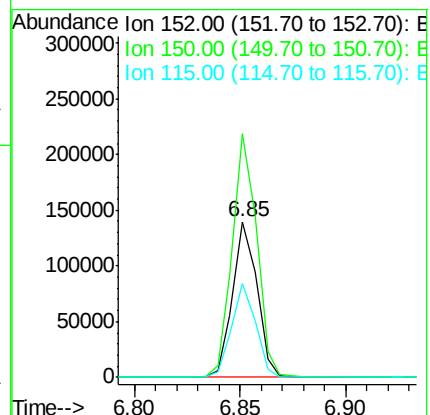
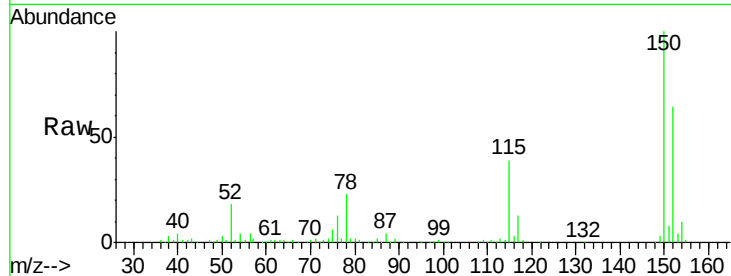
Tot Ion:152 Resp: 111539

Ion Ratio Lower Upper

152 100

150 156.2 124.6 186.8

115 60.3 50.1 75.1



#5

2-Fluorophenol

Concen: 96.65 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF099416.D

Acq: 13 Oct 2017 1:10

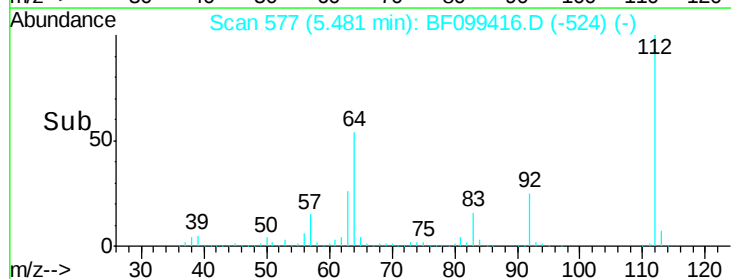
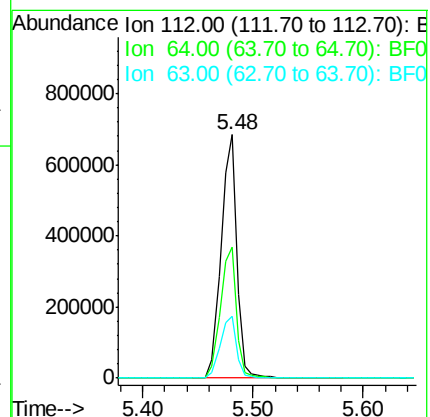
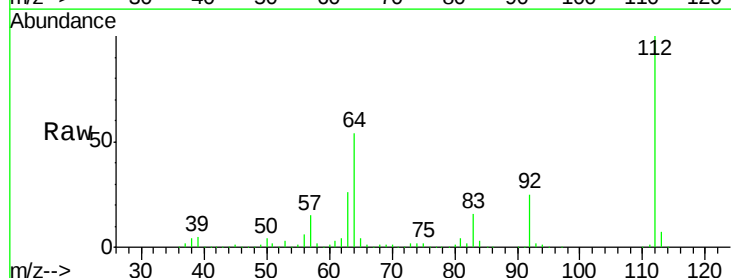
Tgt Ion:112 Resp: 677214

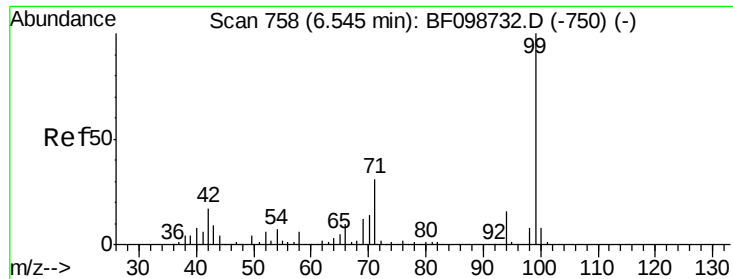
Ion Ratio Lower Upper

112 100

64 53.6 47.9 71.9

63 25.6 23.7 35.5





#7

Phenol-d6

Concen: 95.75 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF099416.D

Acq: 13 Oct 2017 1:10

Instrument :

BNA_F

ClientSampled :

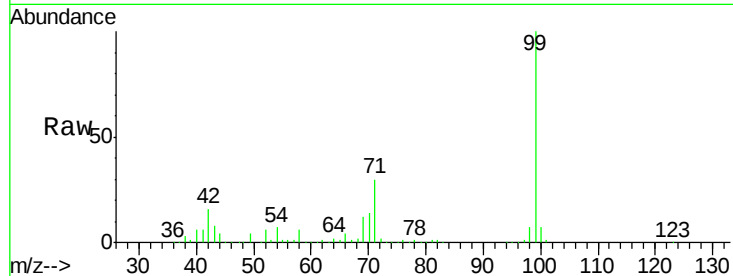
Tot Ion: 99 Resp: 827592

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

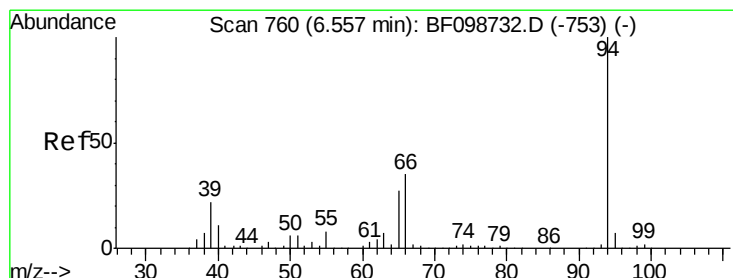
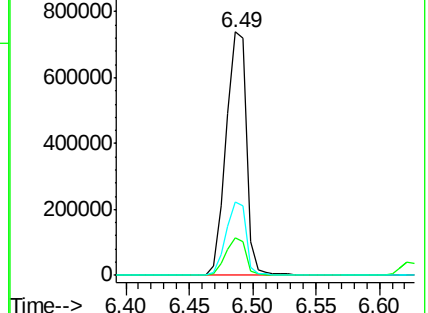
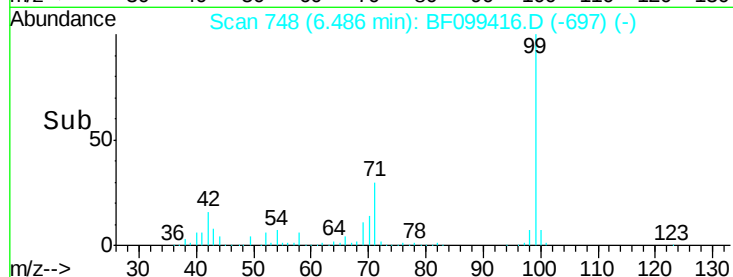
71 30.4 25.4 38.0



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: 2.86 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099416.D

Acq: 13 Oct 2017 1:10

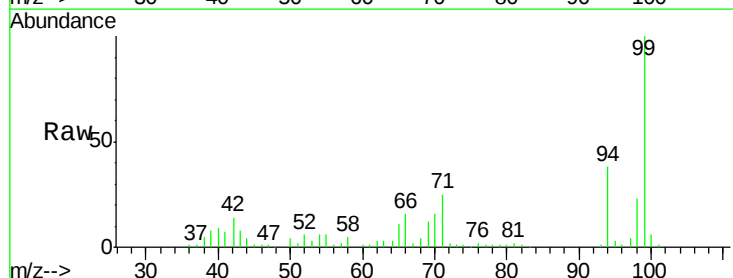
Tgt Ion: 94 Resp: 27635

Ion Ratio Lower Upper

94 100

65 28.1 7.9 47.9

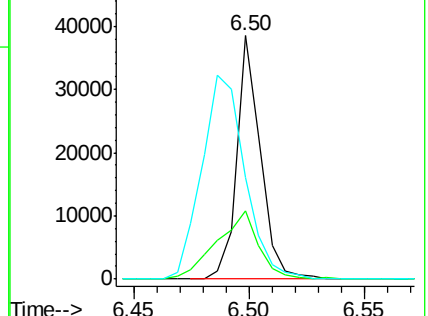
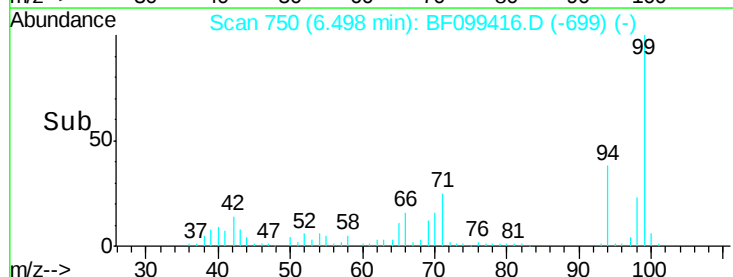
66 41.6 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

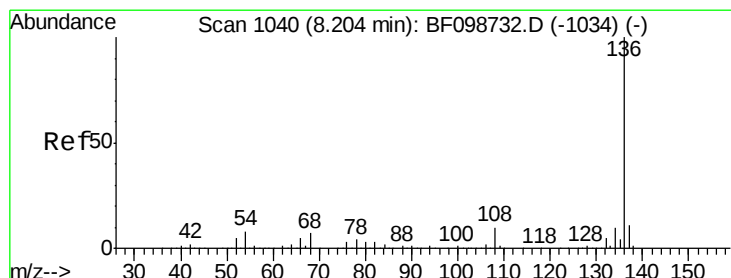
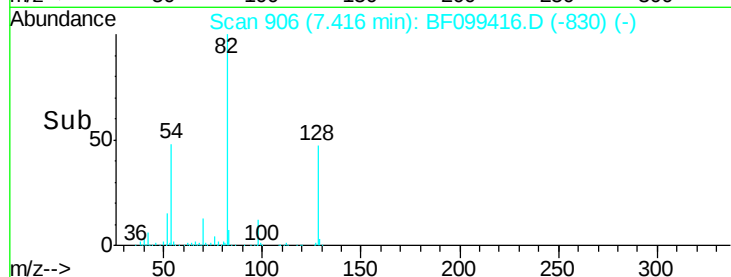
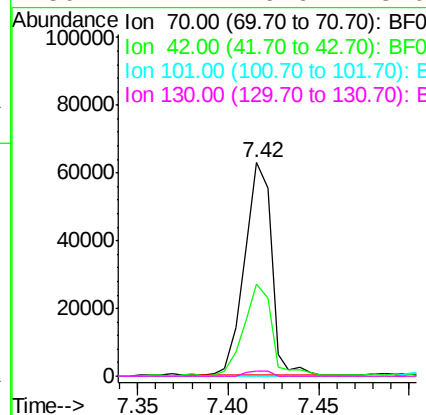
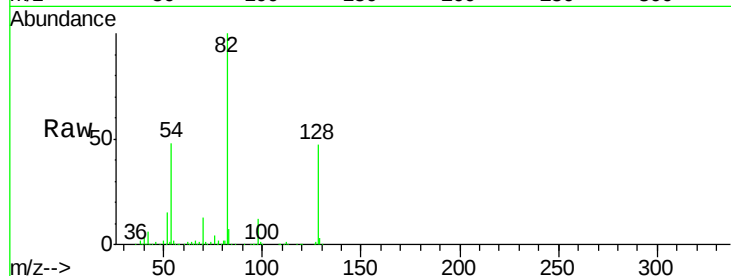




#19
n-Nitroso-di-n-propylamine
Concen: 11.67 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

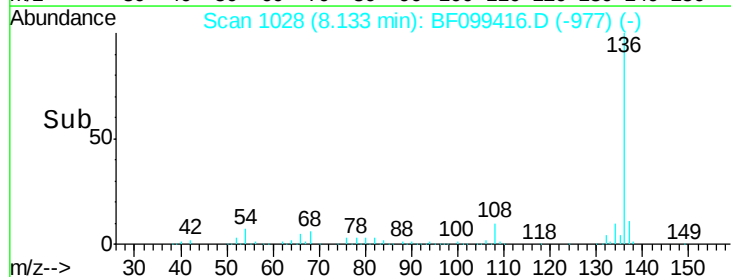
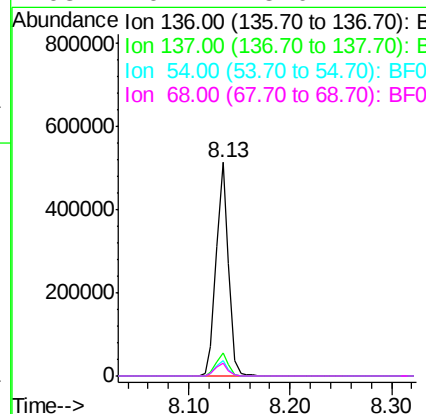
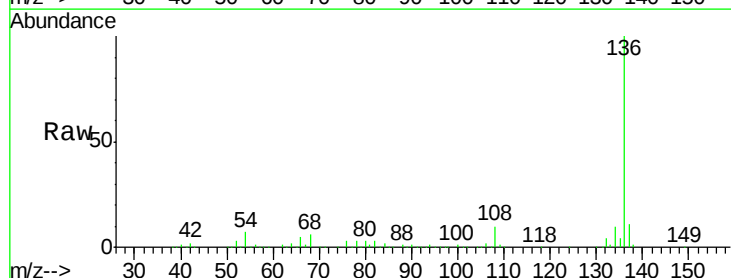
Instrument :
BNA_F
ClientSampled :

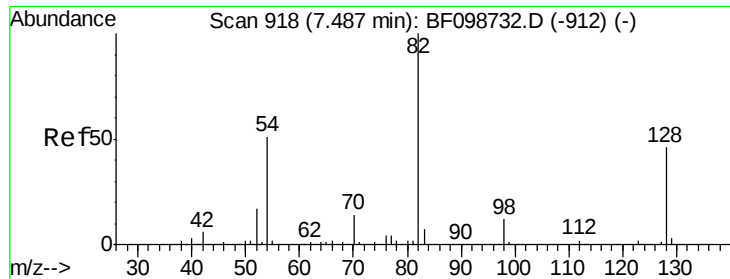
Tot Ion	Ratio	Lower	Upper
70	100		
42	43.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.3	6.6	9.8
68	6.2	5.0	7.4

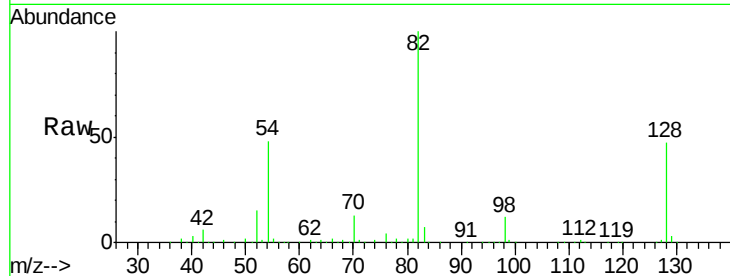




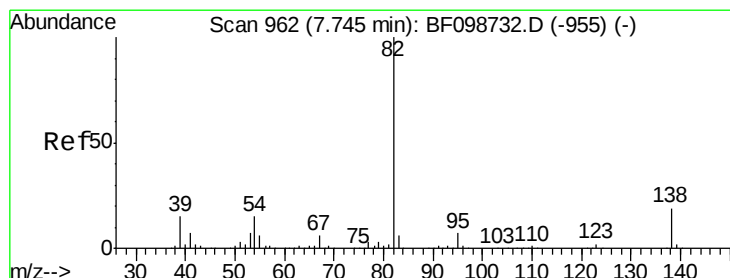
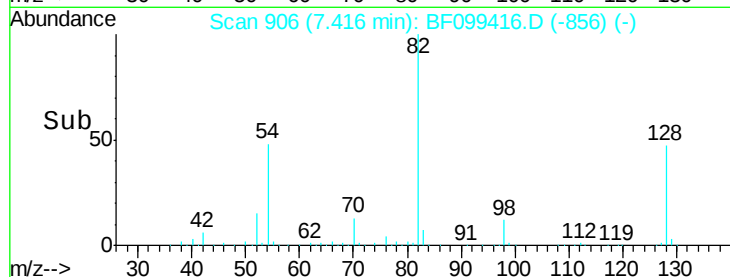
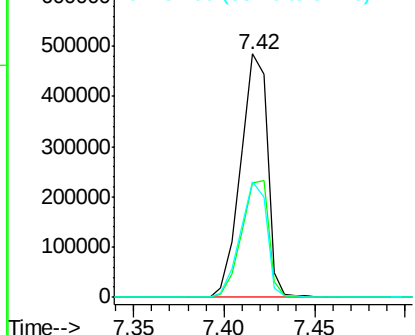
#23
Nitrobenzene-d5
Concen: 74.06 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	500999
Ion Ratio	100	Lower	Upper
128	47.1	36.1	54.1
54	47.6	41.4	62.2

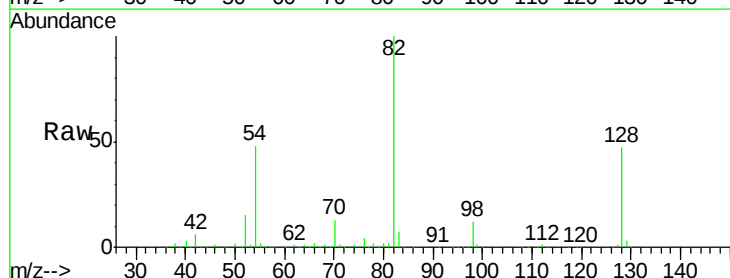


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

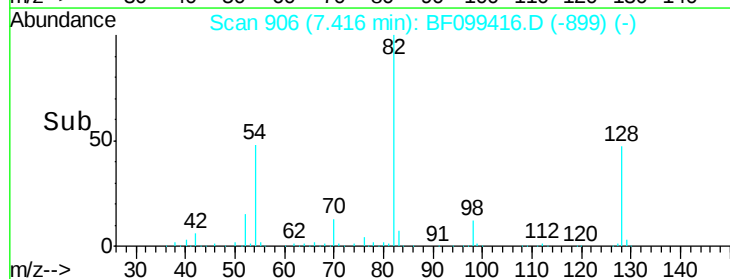
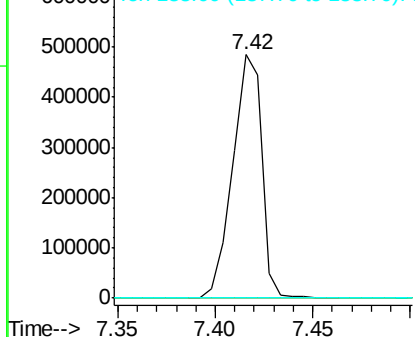


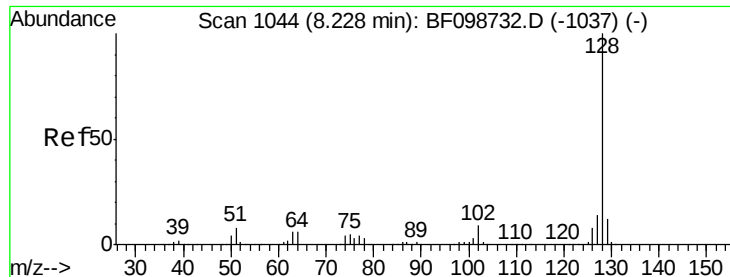
#25
Isophorone
Concen: 35.69 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Tgt Ion	82	Resp	499198
Ion Ratio	100	Lower	Upper
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#



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): BF0





#31

Naphthalene

Concen: 2.43 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF099416.D

Acq: 13 Oct 2017 1:10

Instrument :

BNA_F

ClientSampleId :

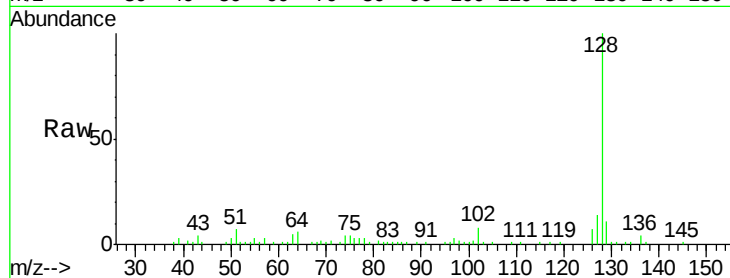
Tot Ion:128 Resp: 49496

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

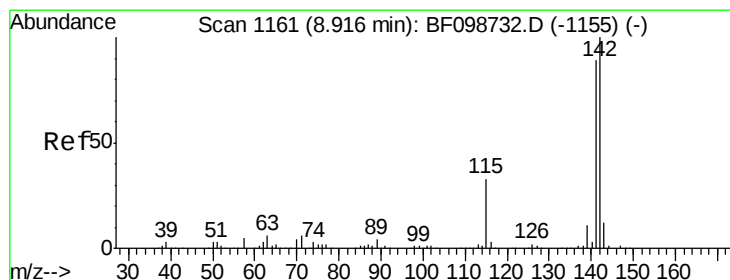
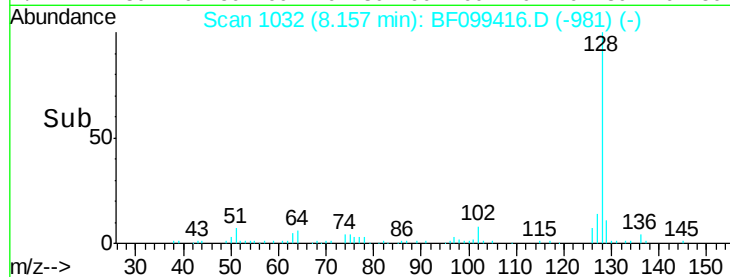
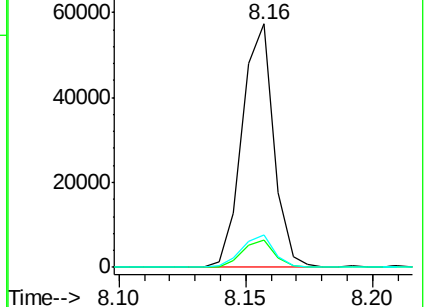
127 13.5 10.9 16.3



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



#37

2-Methylnaphthalene

Concen: 2.67 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BF099416.D

Acq: 13 Oct 2017 1:10

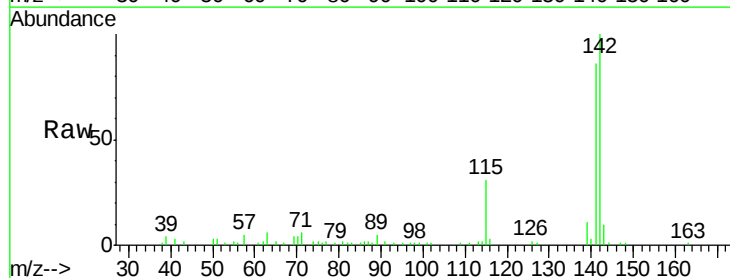
Tgt Ion:142 Resp: 35401

Ion Ratio Lower Upper

142 100

141 86.1 70.8 106.2

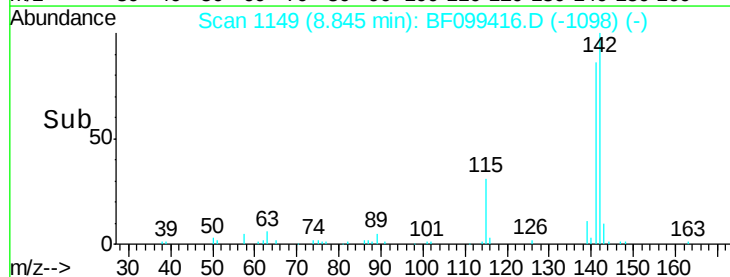
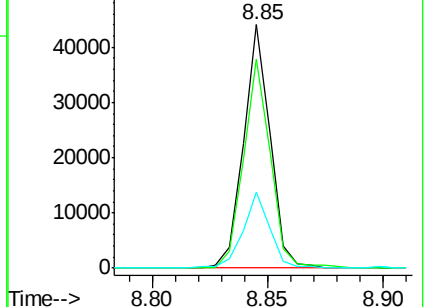
115 31.4 26.1 39.1

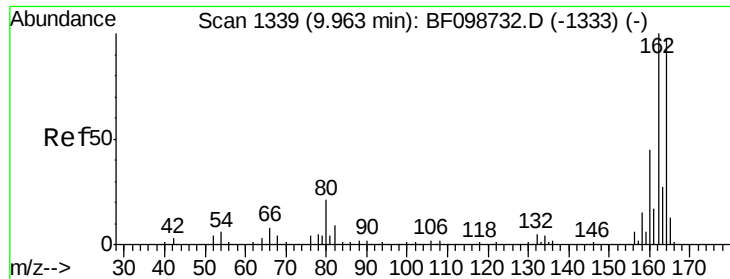


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

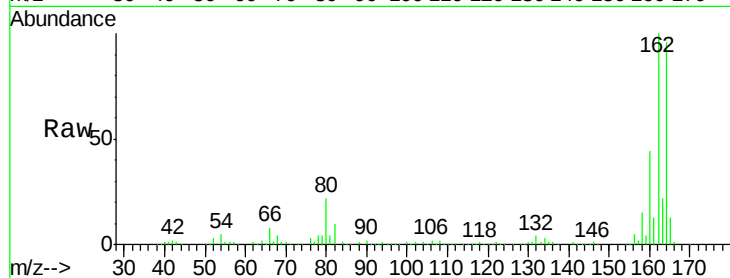




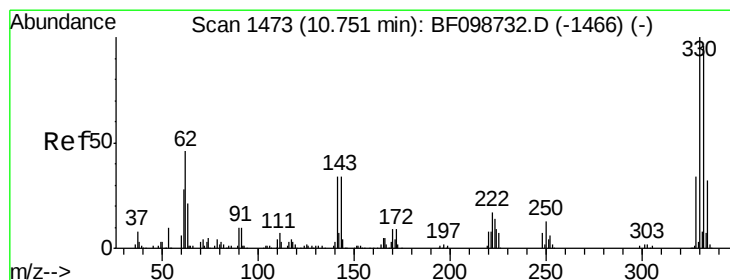
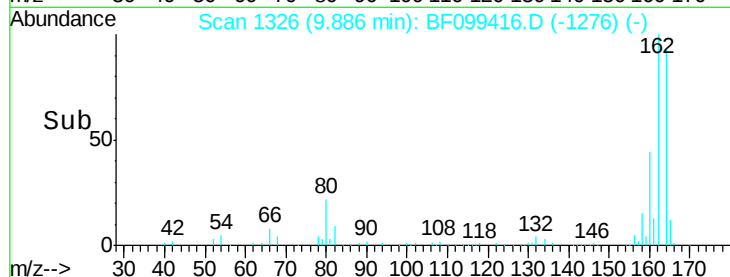
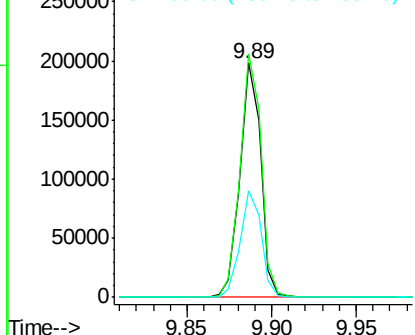
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099416.D
 Acq: 13 Oct 2017 1:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 169035
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 45.6 38.3 57.5

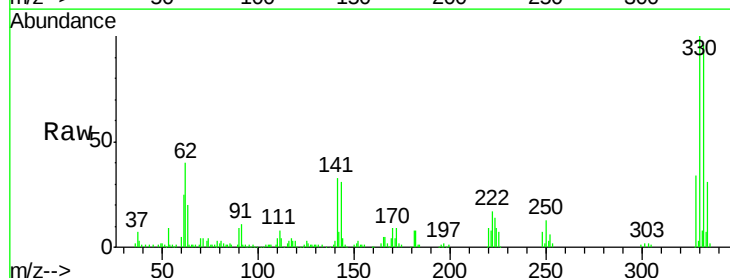


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

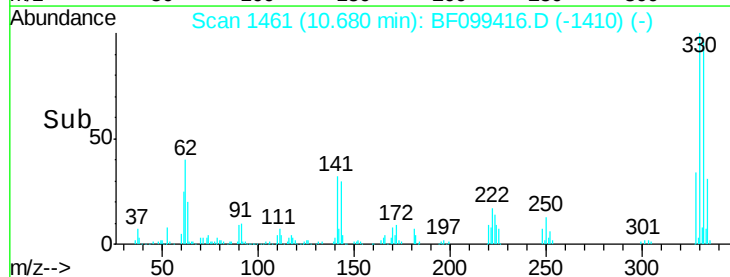
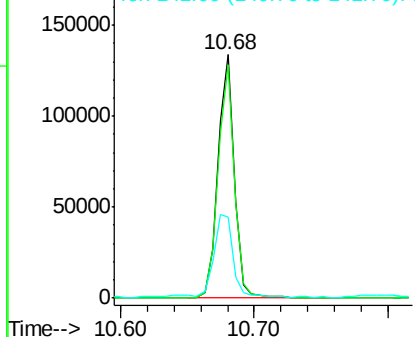


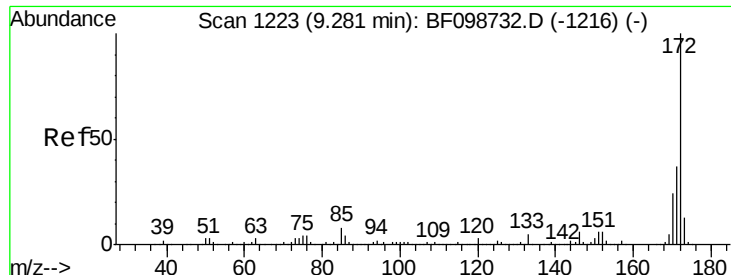
#41
 2,4,6-Tribromophenol
 Concen: 83.91 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BF099416.D
 Acq: 13 Oct 2017 1:10

Tgt Ion:330 Resp: 116059
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 42.0 29.9 44.9



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

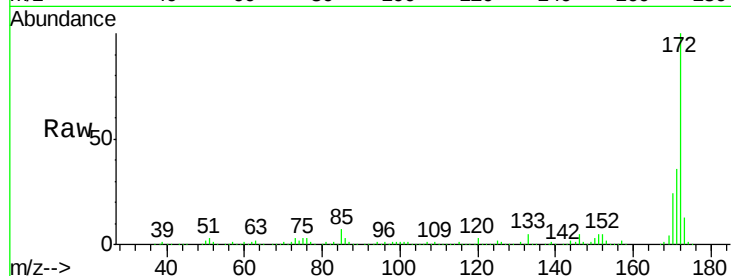




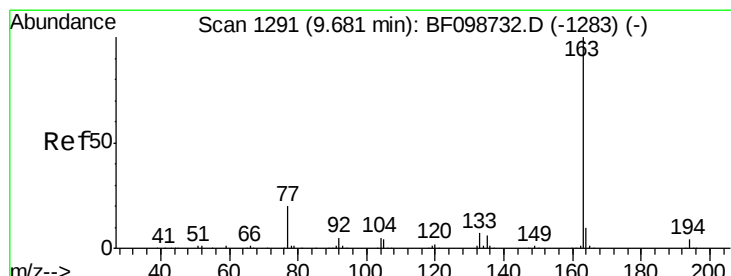
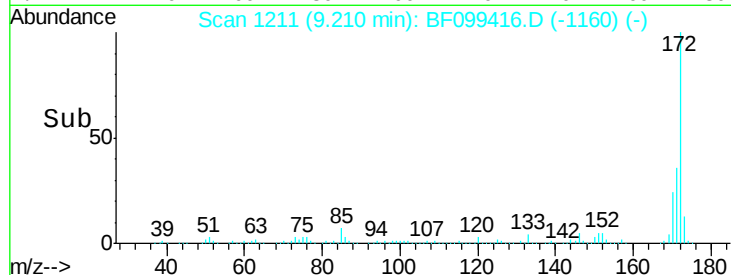
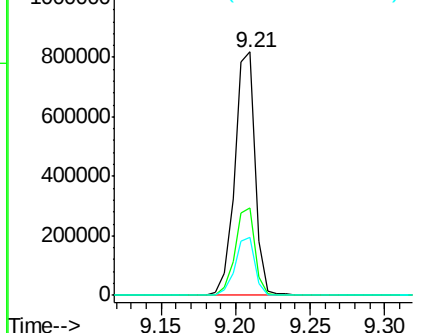
#44
2-Fluorobiphenyl
Concen: 77.75 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 787225
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 24.0 19.6 29.4

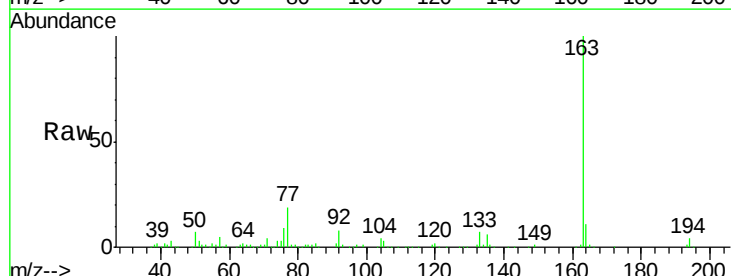


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

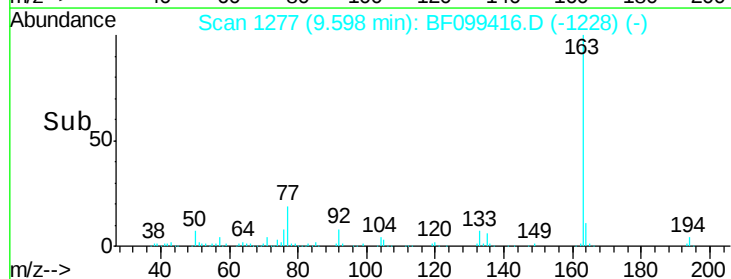
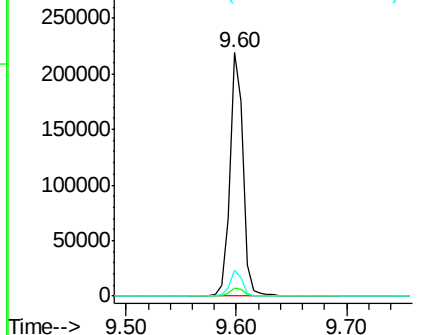


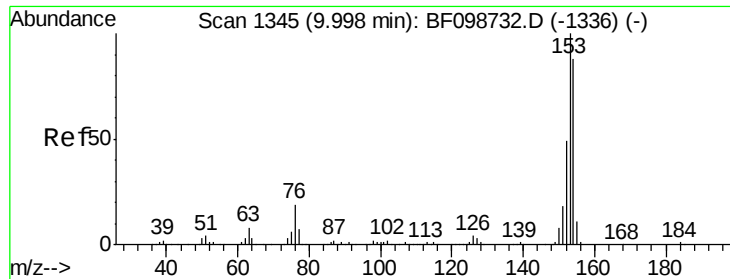
#49
Dimethylphthalate
Concen: 14.34 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Tgt Ion:163 Resp: 182972
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.5 8.2 12.2



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: 3.26 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF099416.D

Acq: 13 Oct 2017 1:10

Instrument :

BNA_F

ClientSampleId :

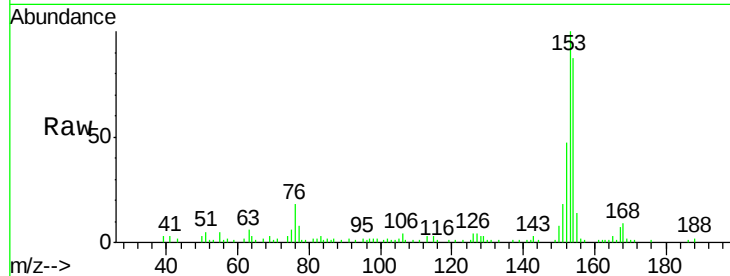
Tot Ion:154 Resp: 34476

Ion Ratio Lower Upper

154 100

153 114.5 91.2 136.8

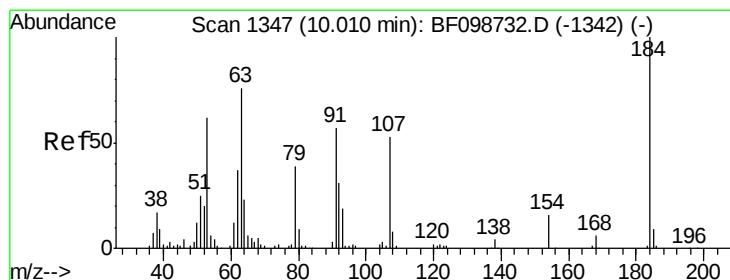
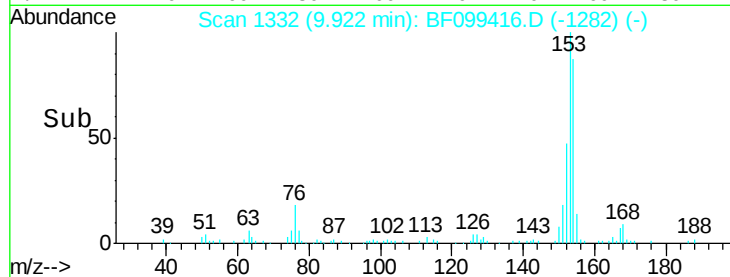
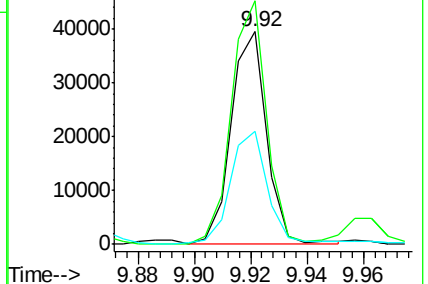
152 53.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

2,4-Dinitrophenol

Concen: 6.07 ng

RT: 10.17 min Scan# 1374

Delta R.T. 0.21 min

Lab File: BF099416.D

Acq: 13 Oct 2017 1:10

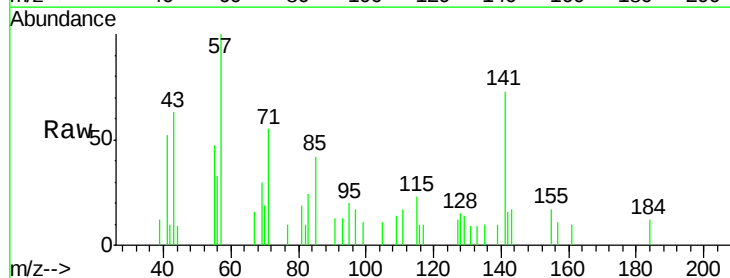
Tgt Ion:184 Resp: 385

Ion Ratio Lower Upper

184 100

63 0.0 54.2 81.2#

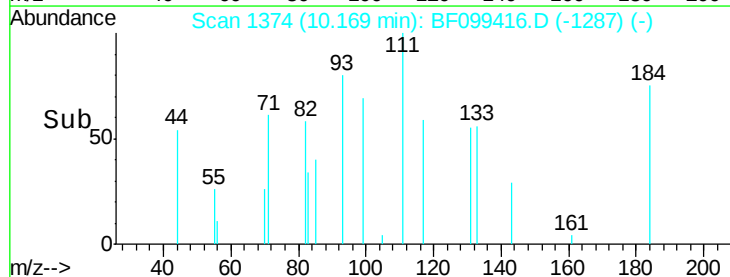
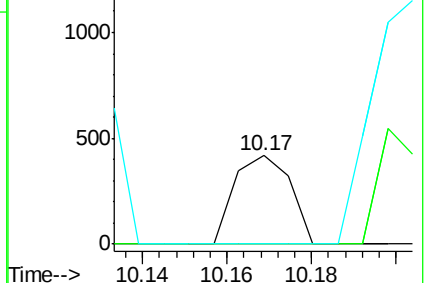
154 0.0 53.5 80.3#

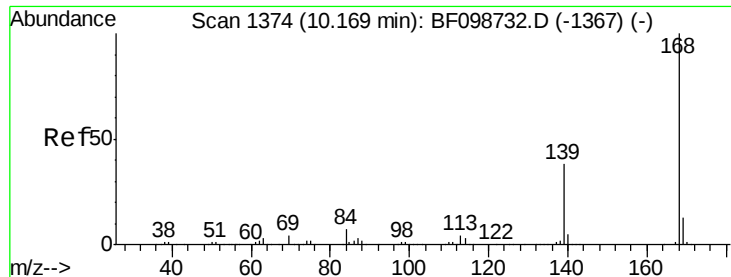


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

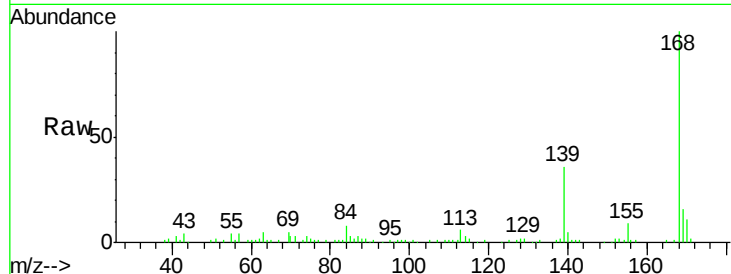




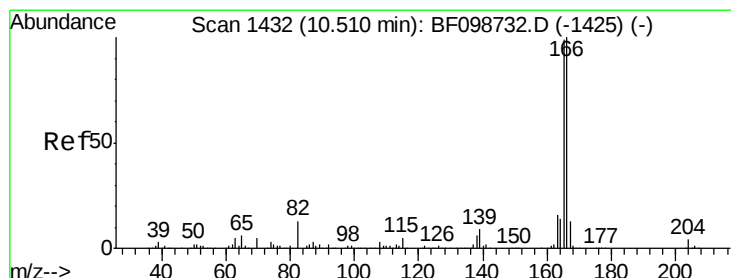
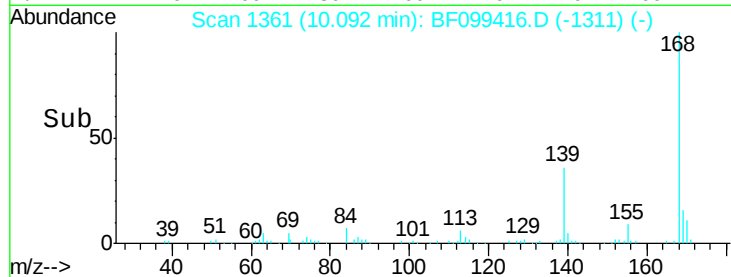
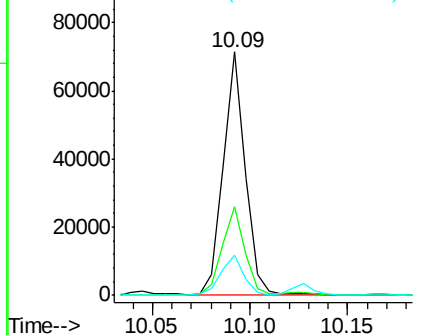
#54
Dibenzenofuran
Concen: 3.99 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 56225
Ion Ratio Lower Upper
168 100
139 36.2 30.1 45.1
169 16.3 10.9 16.3

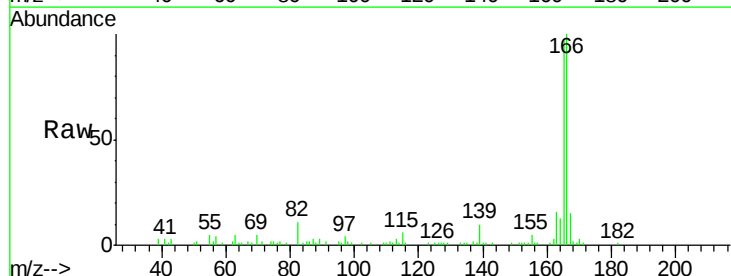


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

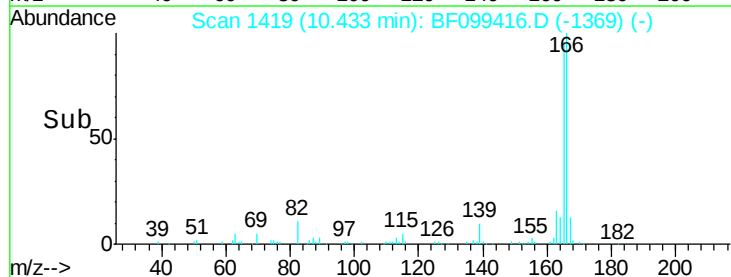
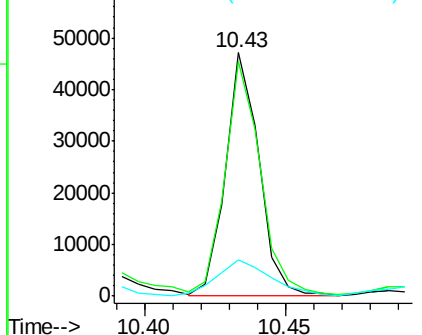


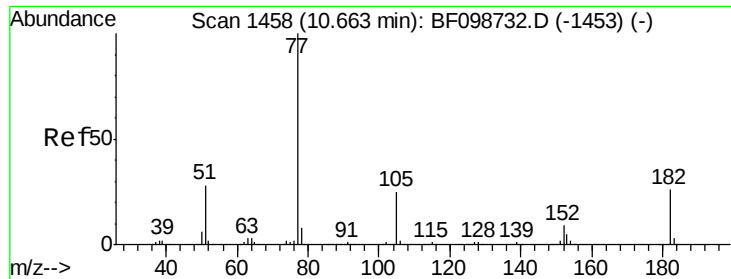
#57
Fluorene
Concen: 3.44 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Tgt Ion:166 Resp: 38973
Ion Ratio Lower Upper
166 100
165 96.6 79.8 119.8
167 14.7 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





#62

Azobenzene

Concen: 3.49 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF099416.D

Acq: 13 Oct 2017 1:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 39956

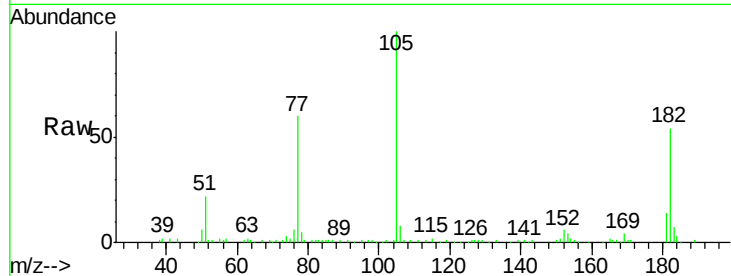
Ion Ratio Lower Upper

77 100

182 89.6 1.7 41.7#

105 167.0 3.0 43.0#

51 36.1 9.9 49.9

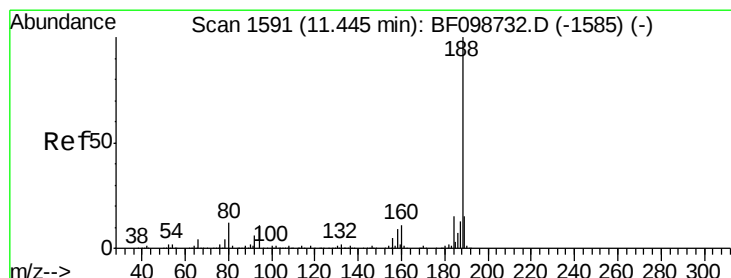
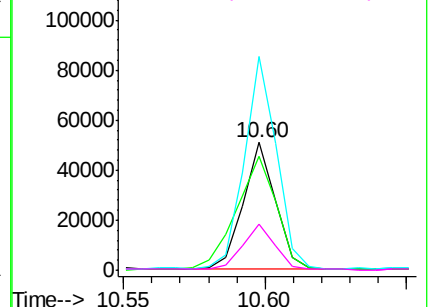
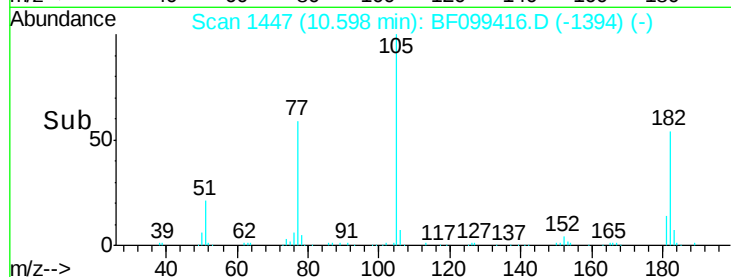


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.00 min

Lab File: BF099416.D

Acq: 13 Oct 2017 1:10

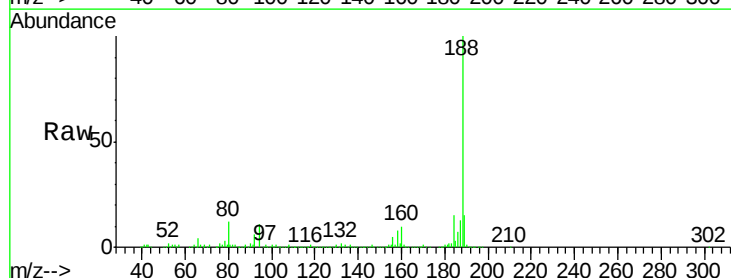
Tgt Ion: 188 Resp: 244915

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

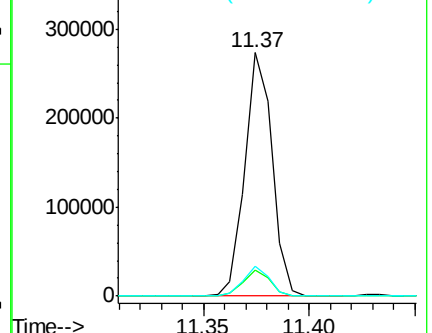
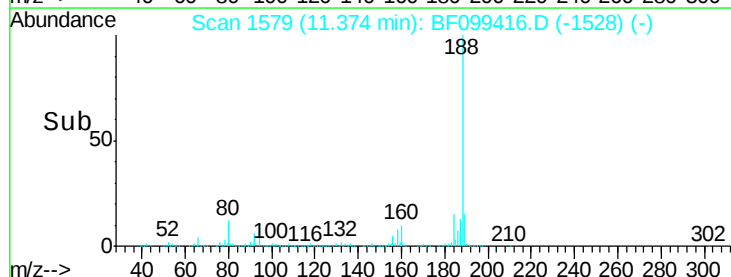
80 12.0 9.2 13.8

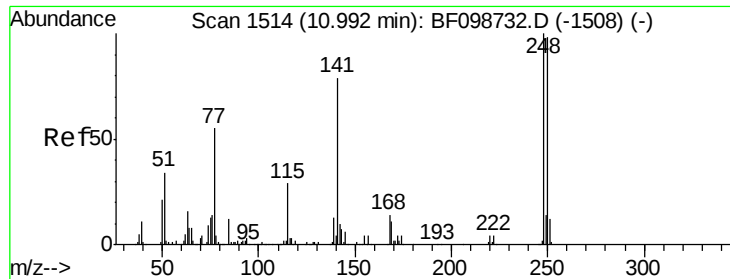


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

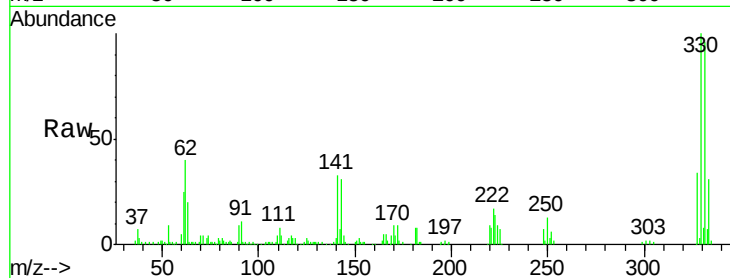




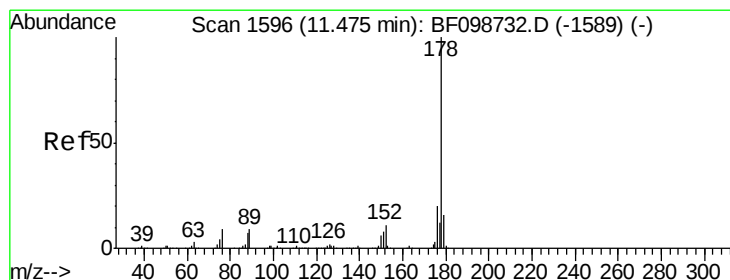
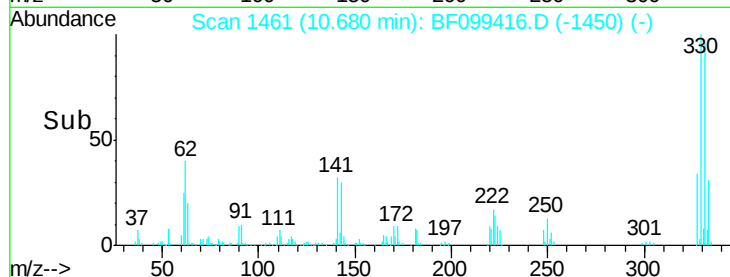
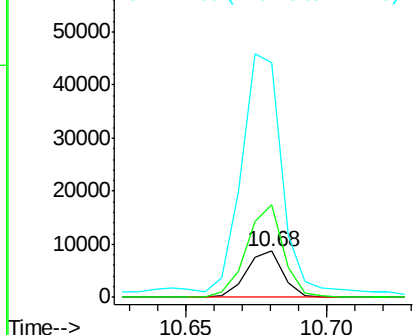
#66
4-Bromophenyl-phenylether
Concen: 3.30 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7915
Ion Ratio Lower Upper
248 100
250 199.2 76.9 115.3#
141 505.7 74.4 111.6#

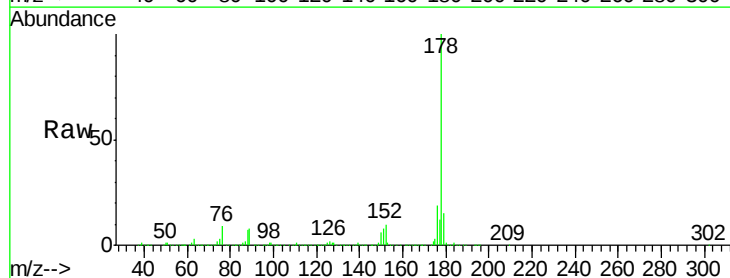


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

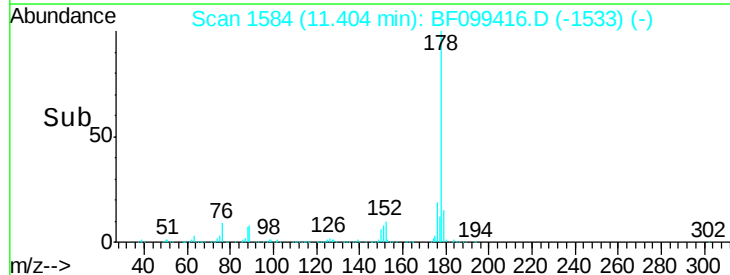
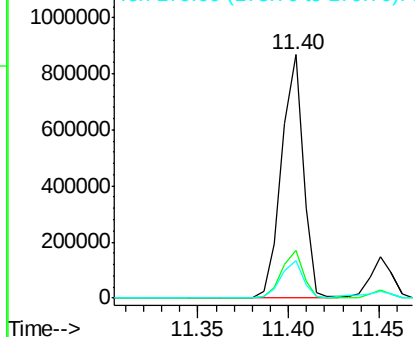


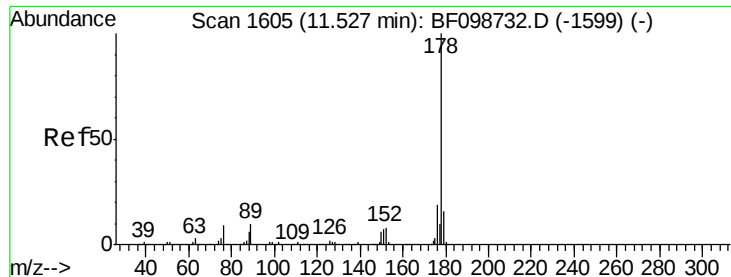
#70
Phenanthrene
Concen: 55.62 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Tgt Ion:178 Resp: 729144
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 15.4 13.0 19.6



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

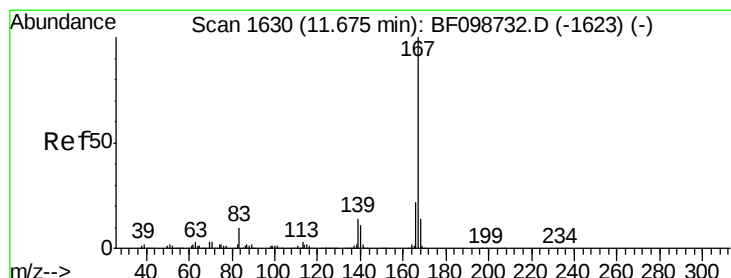
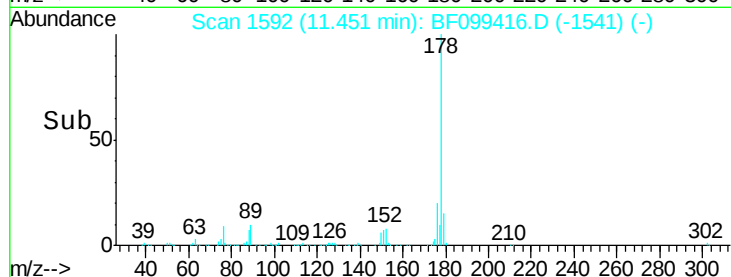
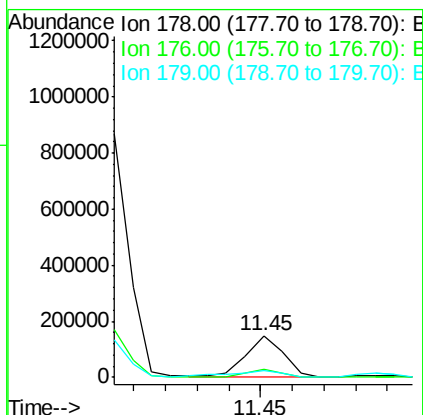
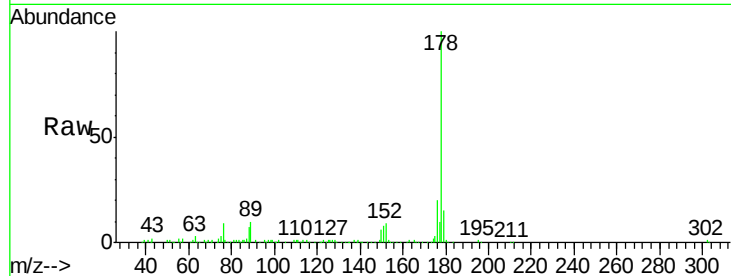




#71
 Anthracene
 Concen: 9.06 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: BF099416.D
 Acq: 13 Oct 2017 1:10

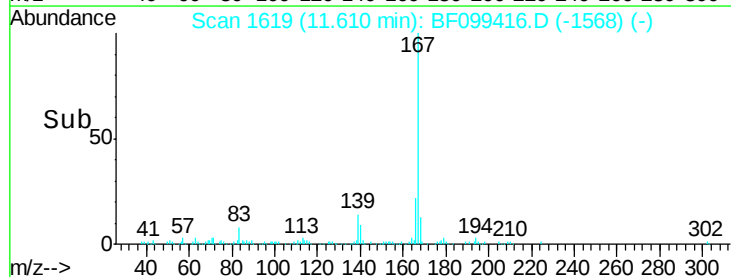
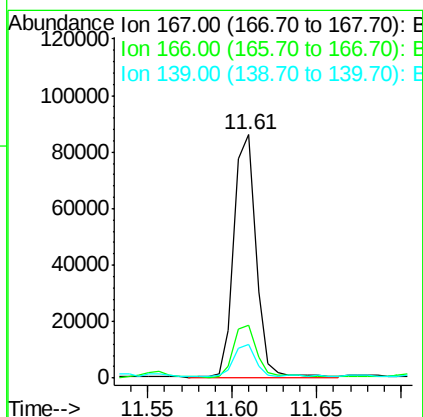
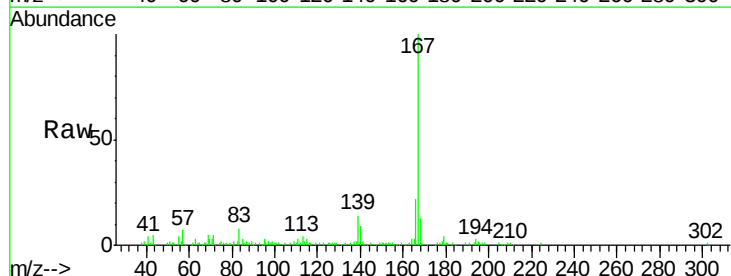
Instrument :
 BNA_F
 ClientSampleId :

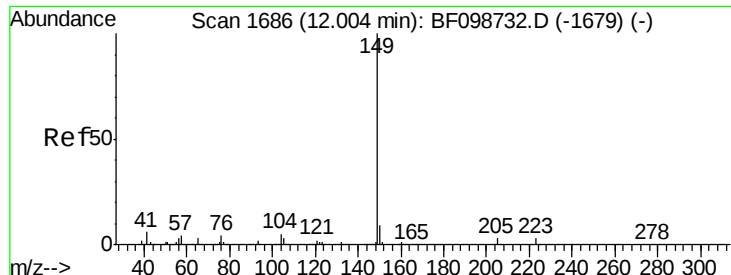
Tot Ion:178 Resp: 121486
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 5.93 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.00 min
 Lab File: BF099416.D
 Acq: 13 Oct 2017 1:10

Tgt Ion:167 Resp: 77870
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 14.0 10.9 16.3

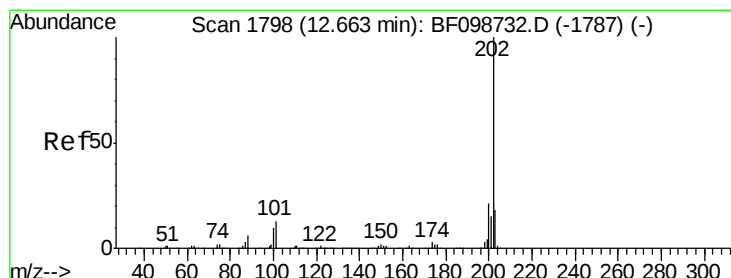
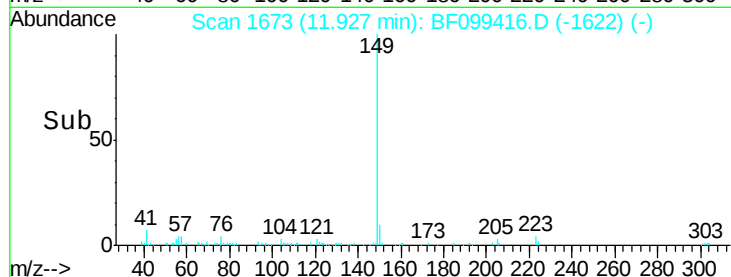
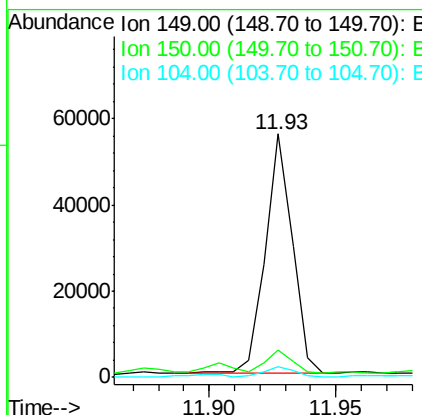
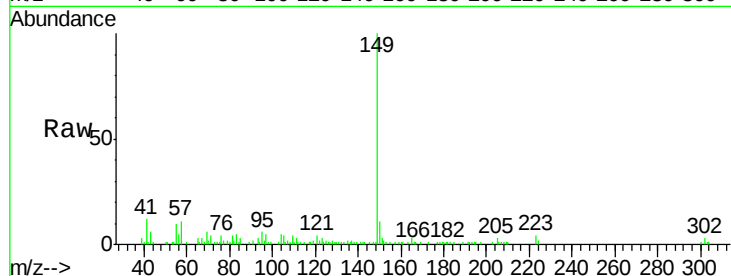




#73
Di-n-butylphthalate
Concen: 2.63 ng
RT: 11.93 min Scan# 1673
Delta R.T. -0.00 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

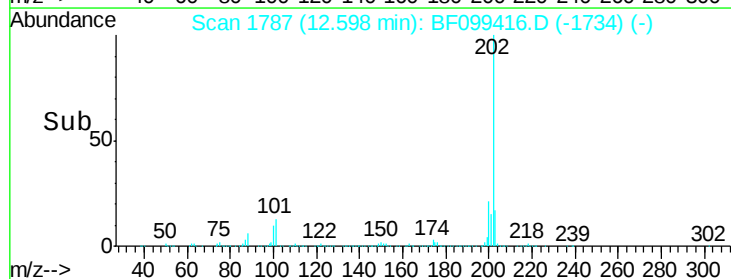
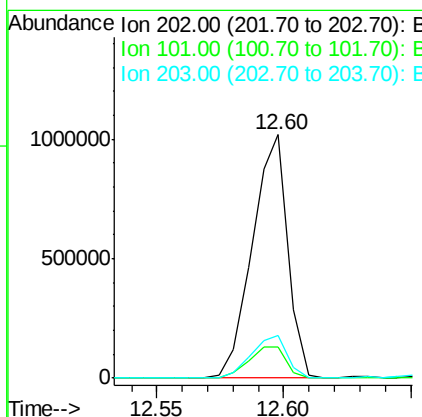
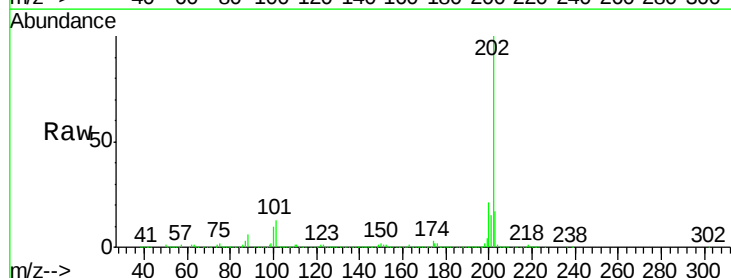
Instrument :
BNA_F
ClientSampleId :

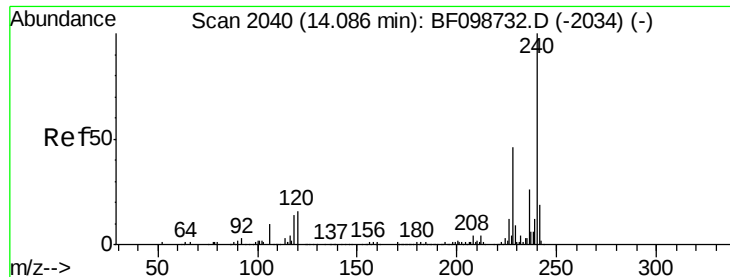
Tot Ion:149 Resp: 41543
Ion Ratio Lower Upper
149 100
150 11.3 7.8 11.6
104 4.6 3.8 5.8



#74
Fluoranthene
Concen: 74.22 ng
RT: 12.60 min Scan# 1787
Delta R.T. 0.01 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Tgt Ion:202 Resp: 985225
Ion Ratio Lower Upper
202 100
101 12.6 0.0 34.1
203 17.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF099416.D

Acq: 13 Oct 2017 1:10

Instrument :

BNA_F

ClientSampleId :

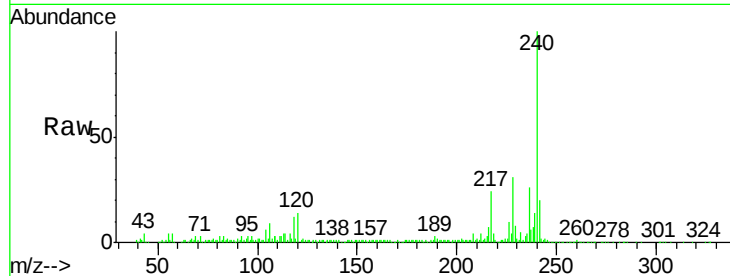
Tot Ion:240 Resp: 209077

Ion Ratio Lower Upper

240 100

120 14.4 9.5 14.3#

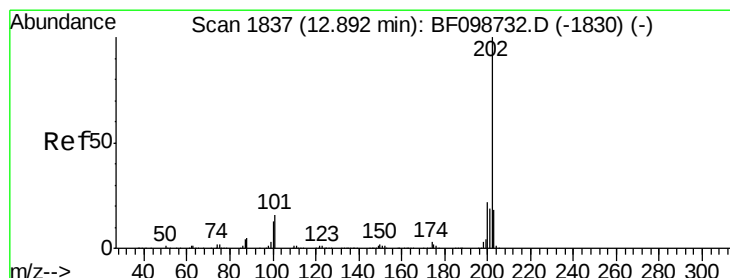
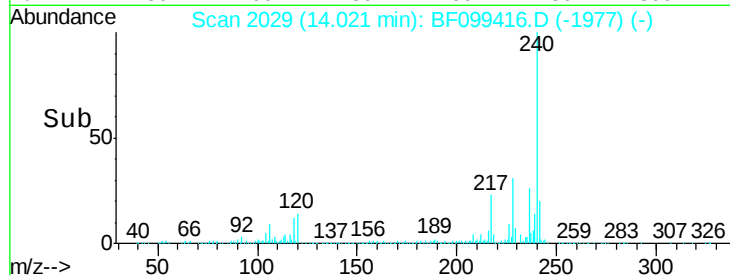
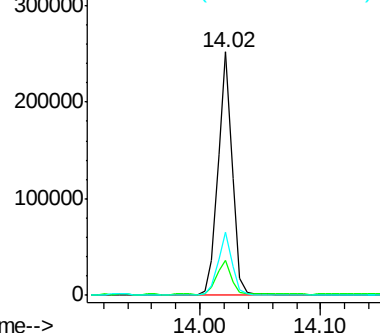
236 25.9 20.7 31.1



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: 54.69 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BF099416.D

Acq: 13 Oct 2017 1:10

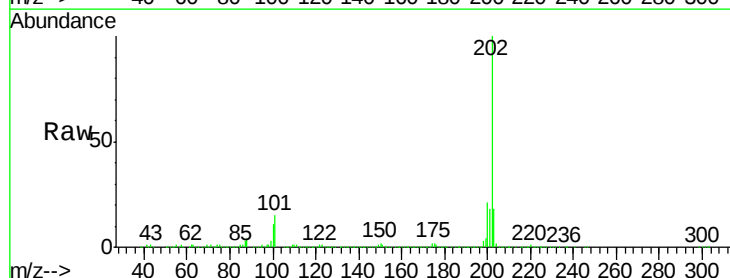
Tgt Ion:202 Resp: 871864

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

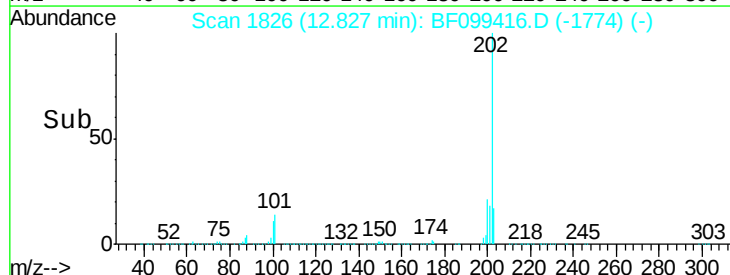
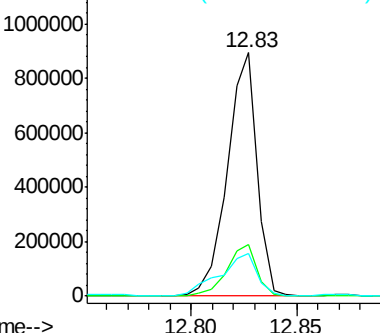
203 17.6 14.3 21.5

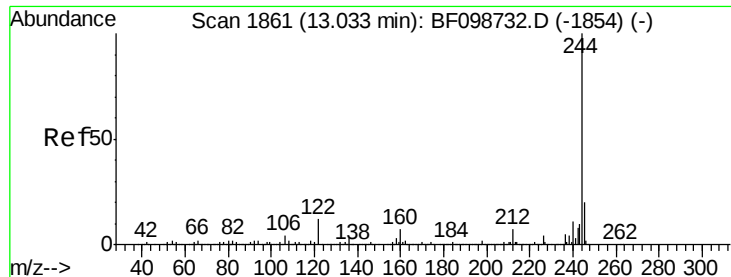


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

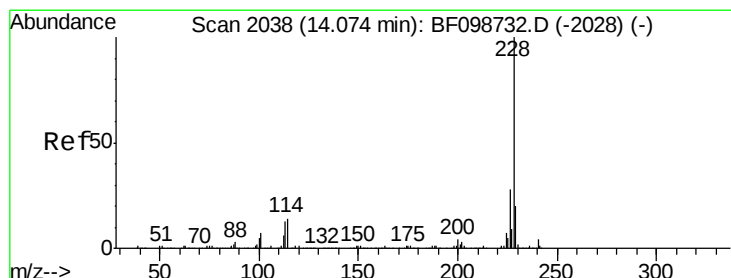
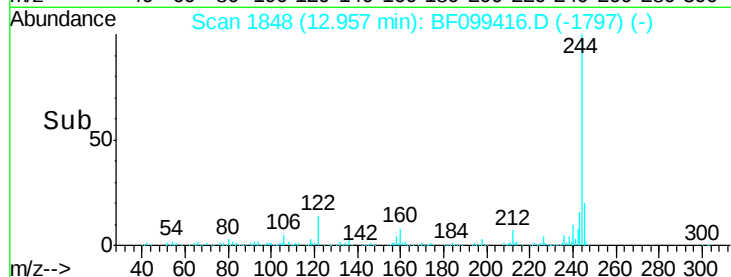
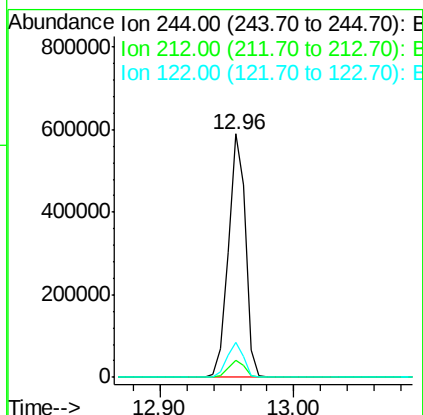
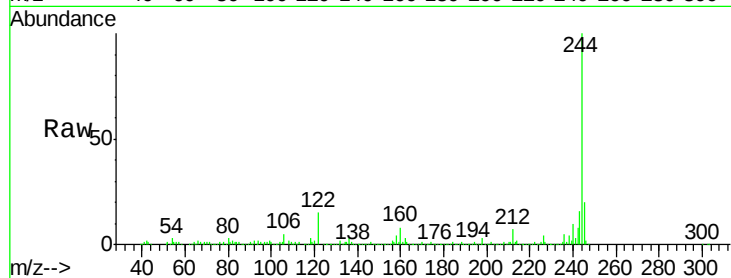




#78
 Terphenyl-d14
 Concen: 57.96 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BF099416.D
 Acq: 13 Oct 2017 1:10

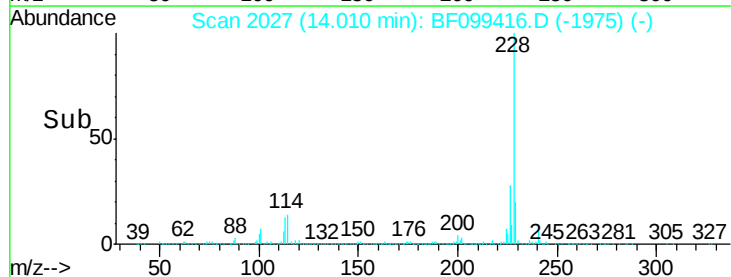
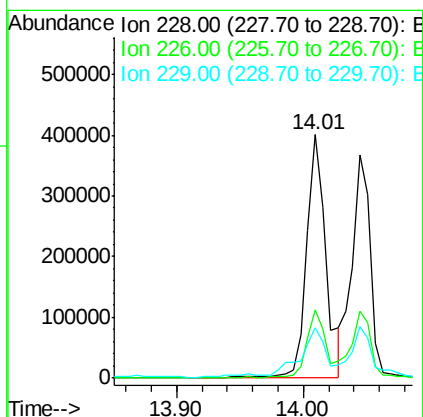
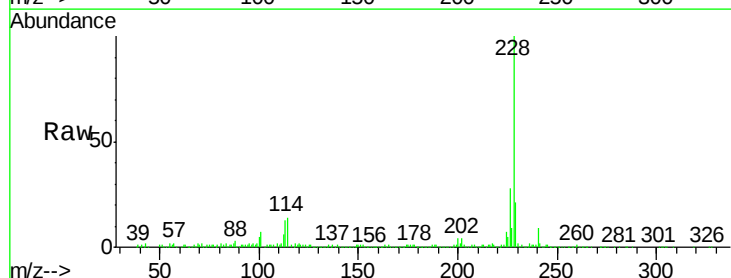
Instrument :
 BNA_F
 ClientSampleId :

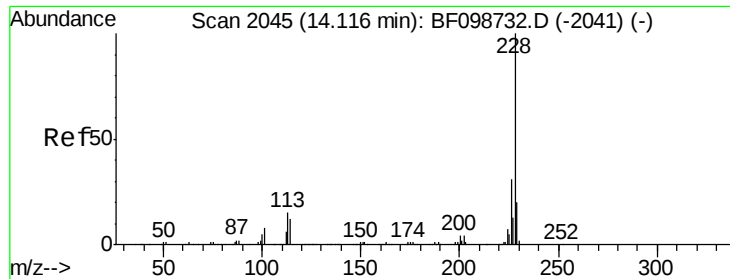
Tot Ion:244 Resp: 532885
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 14.5 11.0 16.4



#80
 Benzo(a)anthracene
 Concen: 33.32 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.01 min
 Lab File: BF099416.D
 Acq: 13 Oct 2017 1:10

Tgt Ion:228 Resp: 421896
 Ion Ratio Lower Upper
 228 100
 226 27.8 22.6 33.8
 229 20.8 15.8 23.6

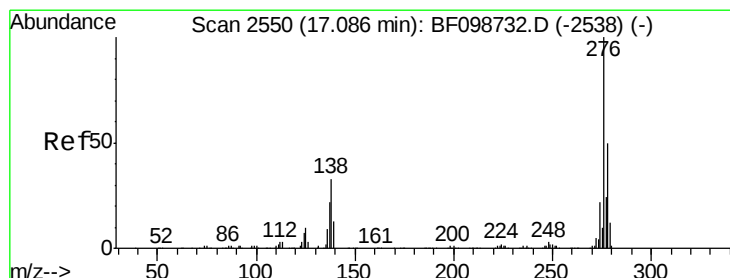
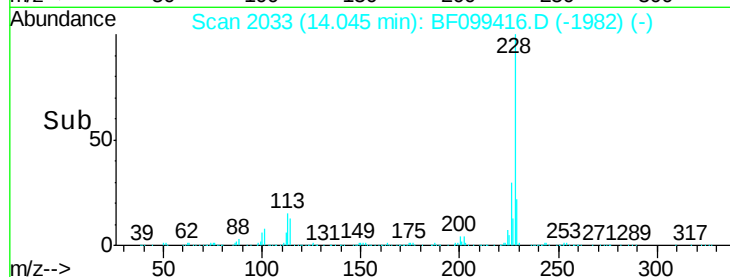
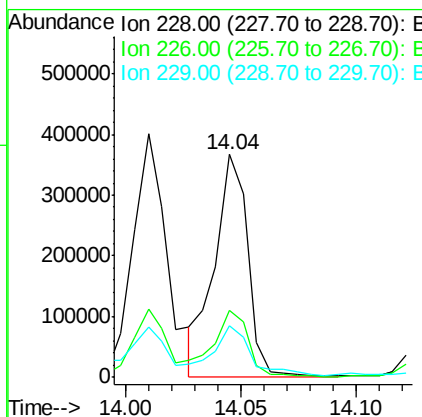
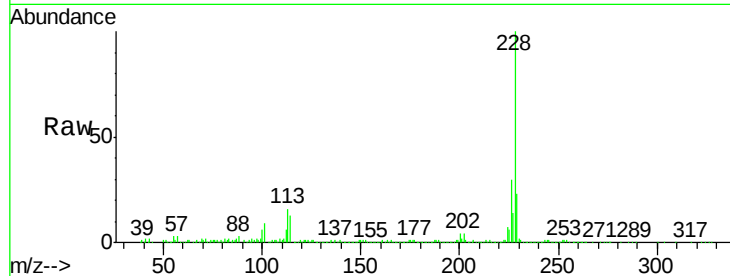




#82
Chrysene
Concen: 30.30 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

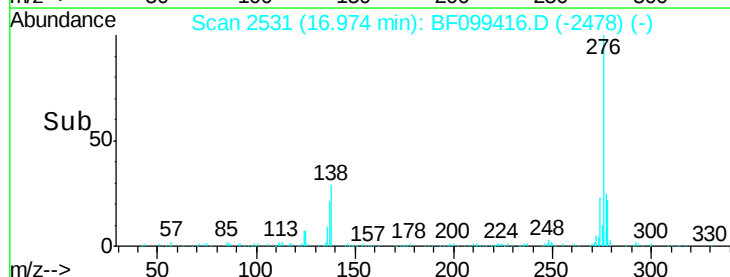
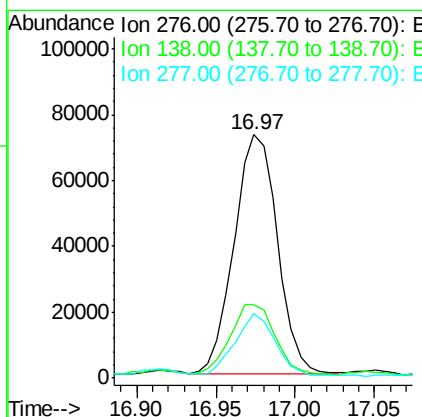
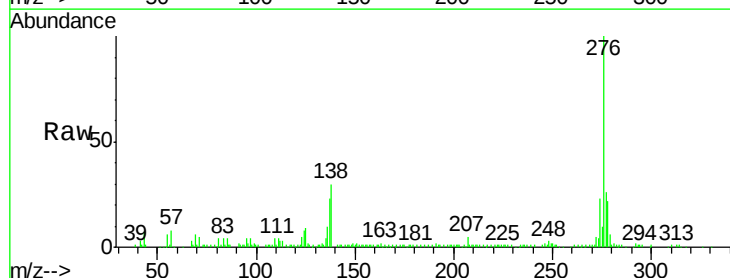
Instrument :
BNA_F
ClientSampled :

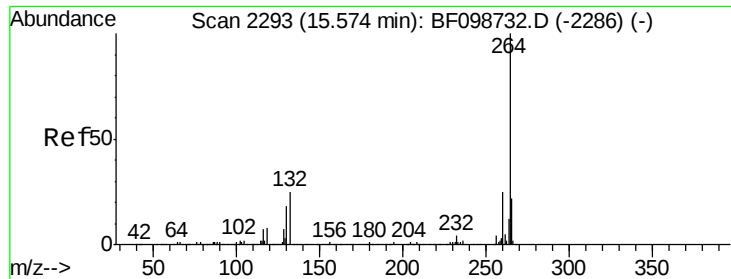
Tot Ion:228 Resp: 365206
Ion Ratio Lower Upper
228 100
226 30.2 25.0 37.6
229 22.9 16.2 24.4



#85
Indeno(1,2,3-cd)pyrene
Concen: 14.28 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.01 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Tgt Ion:276 Resp: 137661
Ion Ratio Lower Upper
276 100
138 31.1 25.0 37.6
277 24.2 20.1 30.1

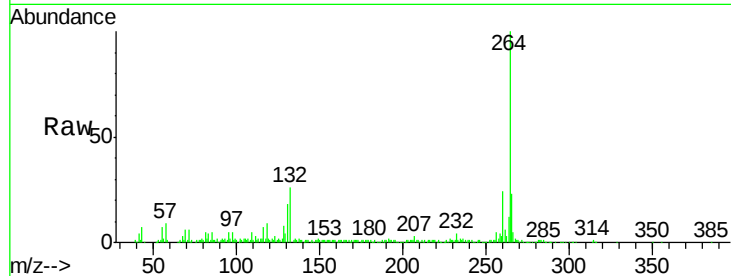




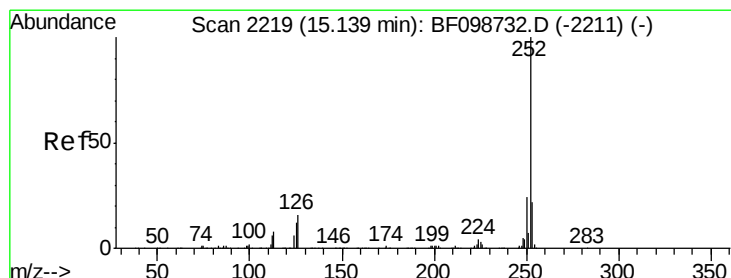
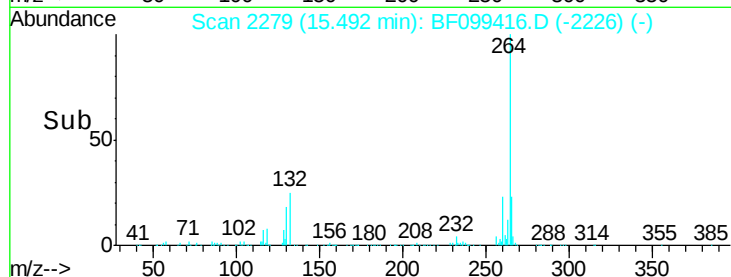
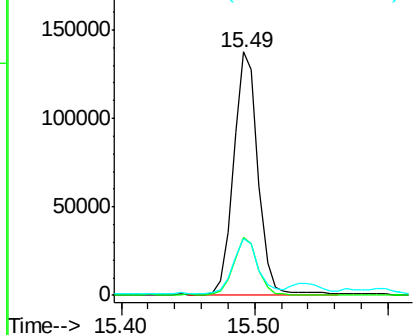
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.01 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 174200
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 23.5 17.5 26.3

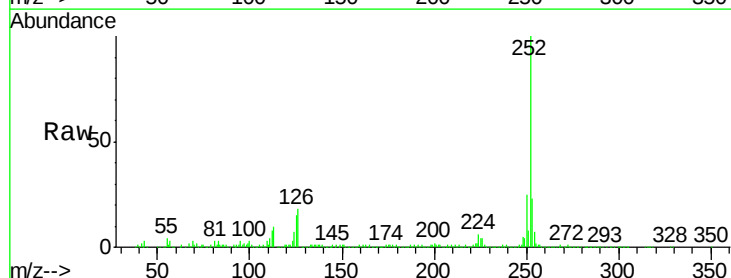


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

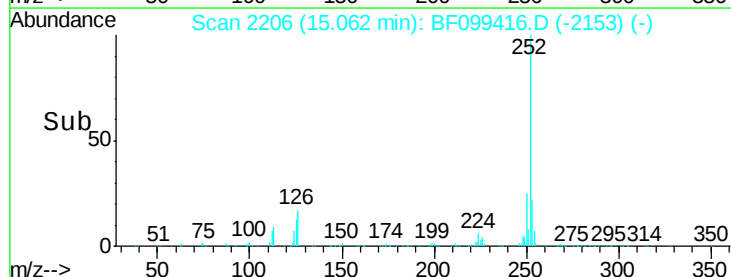
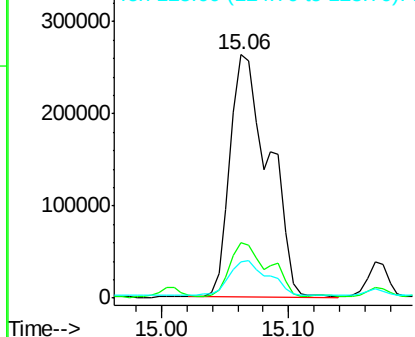


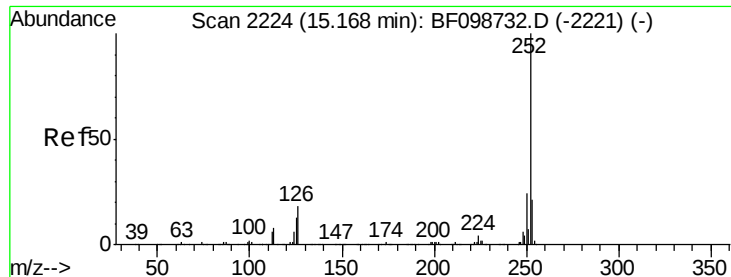
#87
Benzo(b)fluoranthene
Concen: 52.15 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Tgt Ion:252 Resp: 558546
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.6
125 14.9 9.0 13.6#



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

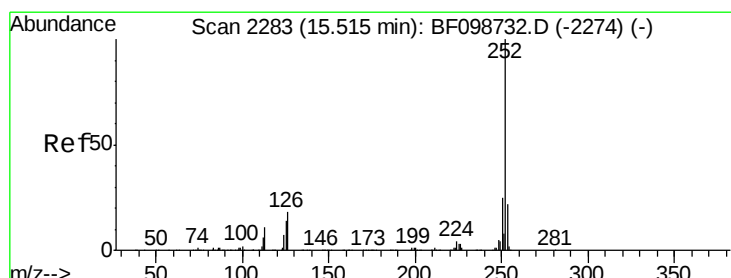
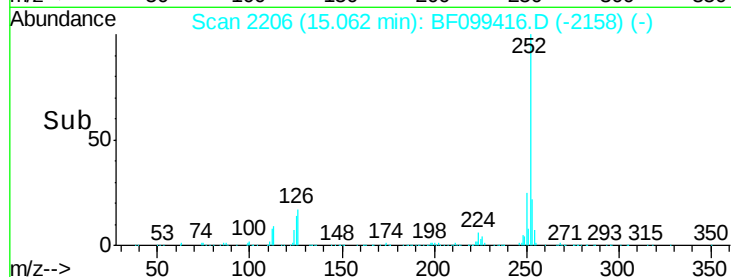
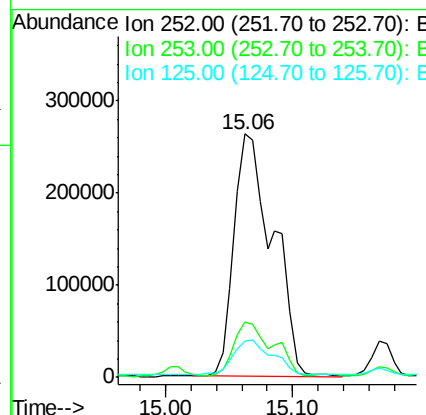
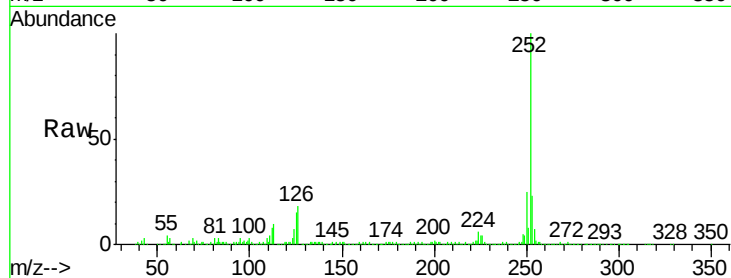




#88
Benzo(k)fluoranthene
Concen: 52.80 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

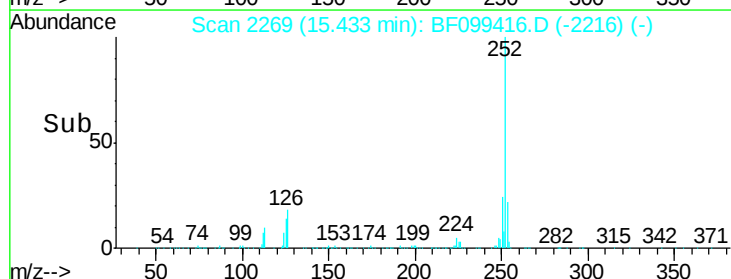
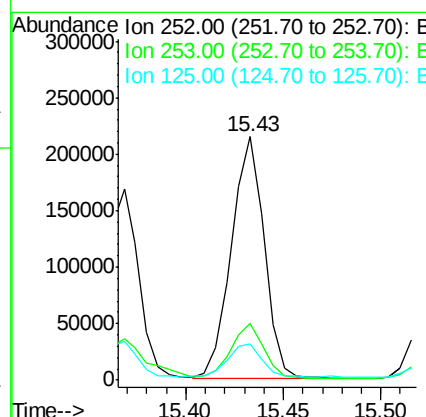
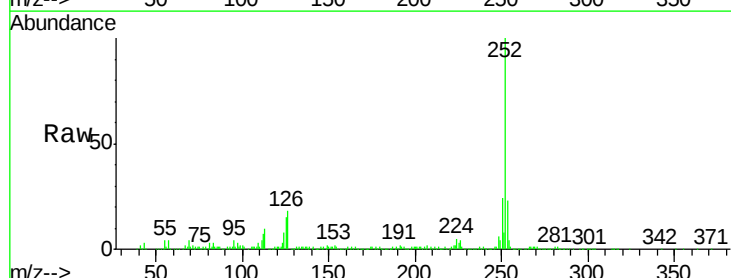
Instrument :
BNA_F
ClientSampleId :

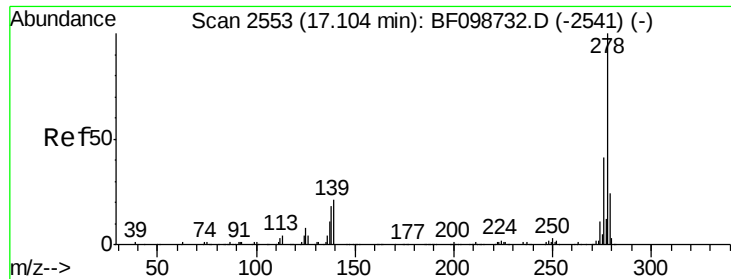
Tot Ion:252 Resp: 558546
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 14.9 10.2 15.2



#89
Benzo(a)pyrene
Concen: 25.70 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Tgt Ion:252 Resp: 252716
Ion Ratio Lower Upper
252 100
253 23.2 17.1 25.7
125 15.0 9.8 14.6#

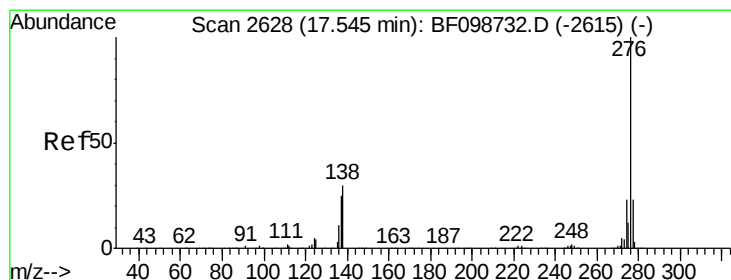
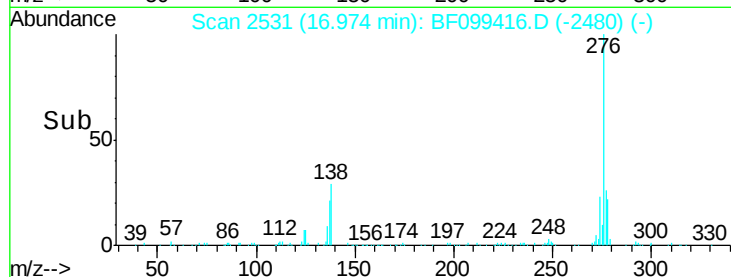
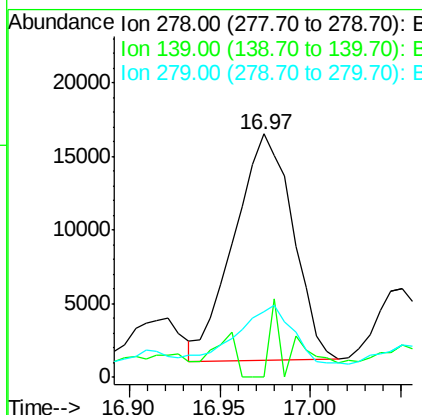
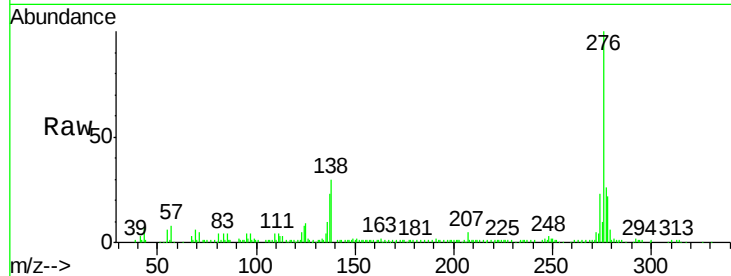




#90
Dibenzo(a,h)anthracene
Concen: 4.39 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.00 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 34532
Ion Ratio Lower Upper
278 100
139 0.0 15.9 23.9#
279 26.8 19.0 28.4



#91
Benzo(g,h,i)perylene
Concen: 17.10 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.02 min
Lab File: BF099416.D
Acq: 13 Oct 2017 1:10

Tgt Ion:276 Resp: 133010
Ion Ratio Lower Upper
276 100
277 24.6 17.9 26.9
138 30.0 21.8 32.8

