

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101217\
 Data File : BF099402.D
 Acq On : 12 Oct 2017 18:40
 Operator : SJ/JU
 Sample : I5729-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 13 00:53:59 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	114217	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	461832	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	186008	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	269754	20.00	ng	0.00
75) Chrysene-d12	14.02	240	204186	20.00	ng	0.00
86) Perylene-d12	15.49	264	182924	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	667663	93.06	ng	0.01
7) Phenol-d6	6.49	99	812260	91.77	ng	0.00
23) Nitrobenzene-d5	7.42	82	472054	65.55	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	131069	86.11	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	821475	73.73	ng	0.00
78) Terphenyl-d14	12.96	244	520507	57.97	ng	0.00

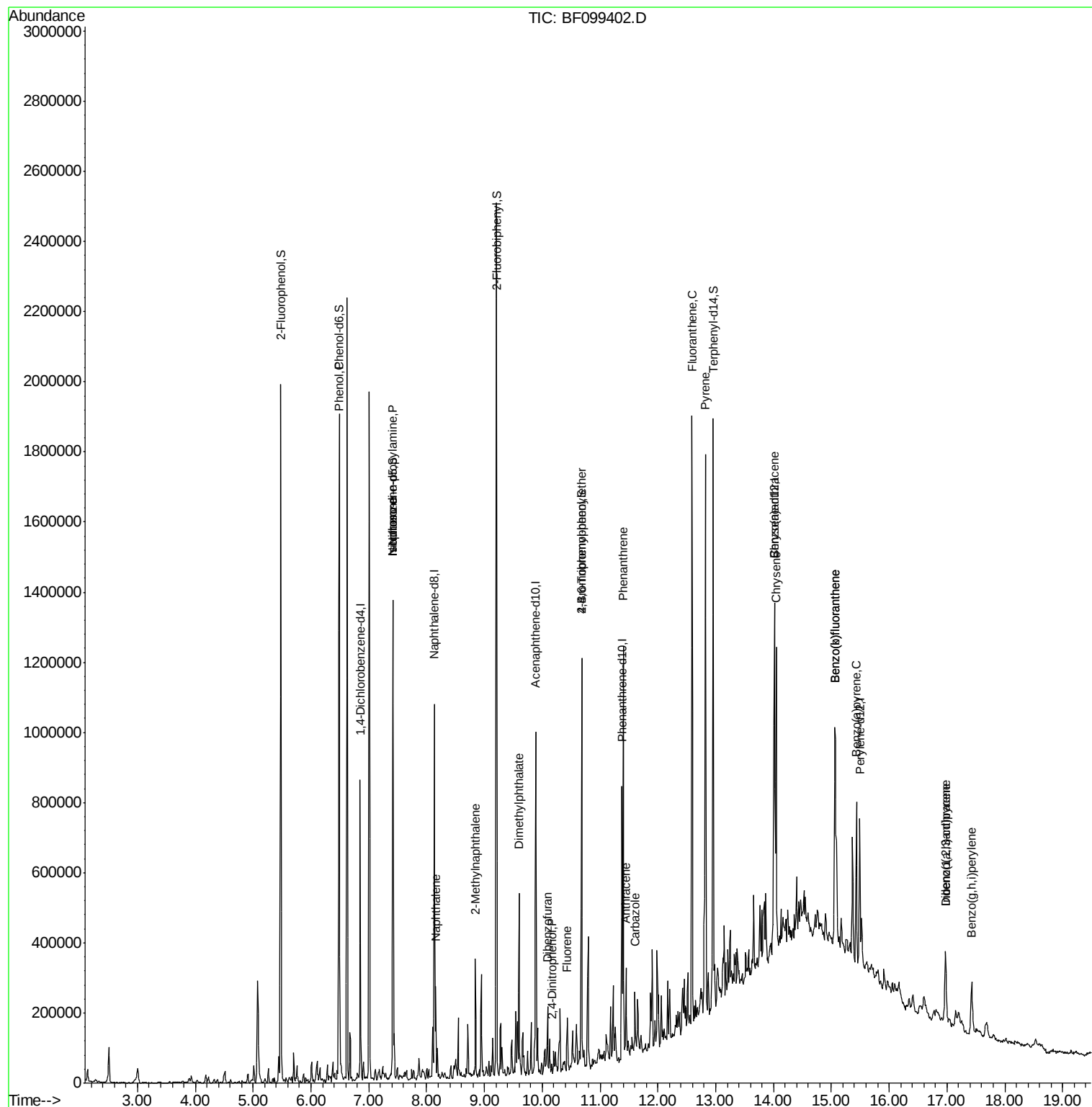
Target Compounds						Qvalue
10) Phenol	6.50	94	22377	2.26	ng	93
19) n-Nitroso-di-n-propylamine	7.42	70	62214	11.01	ng	# 75
25) Isophorone	7.42	82	471804	31.69	ng	# 64
31) Naphthalene	8.16	128	113027	5.21	ng	99
37) 2-Methylnaphthalene	8.85	142	84948	6.02	ng	96
49) Dimethylphthalate	9.60	163	137107	9.77	ng	99
53) 2,4-Dinitrophenol	10.17	184	711	6.24	ng	# 47
54) Dibenzofuran	10.09	168	55312	3.57	ng	# 95
57) Fluorene	10.43	166	29937	2.40	ng	# 97
66) 4-Bromophenyl-phenylether	10.68	248	9116	3.45	ng	# 1
70) Phenanthrene	11.40	178	452288	31.32	ng	99
71) Anthracene	11.45	178	93072	6.30	ng	98
72) Carbazole	11.61	167	61268	4.23	ng	99
74) Fluoranthene	12.59	202	633646	43.34	ng	98
77) Pyrene	12.82	202	638351	41.00	ng	99
80) Benzo(a)anthracene	14.01	228	339764	27.48	ng	99
82) Chrysene	14.04	228	300591	25.54	ng	97
85) Indeno(1,2,3-cd)pyrene	16.97	276	120113	12.76	ng	99
87) Benzo(b)fluoranthene	15.06	252	473407	42.09	ng	# 93
88) Benzo(k)fluoranthene	15.06	252	473407	42.62	ng	# 95
89) Benzo(a)pyrene	15.43	252	216766	21.00	ng	# 94
90) Dibenzo(a,h)anthracene	16.97	278	32729	3.96	ng	# 74
91) Benzo(g,h,i)perylene	17.43	276	109560	13.42	ng	93

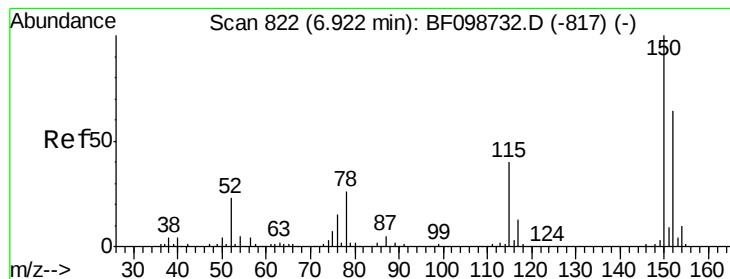
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF099402.D

Acq: 12 Oct 2017 18:40

Instrument :

BNA_F

ClientSampled :

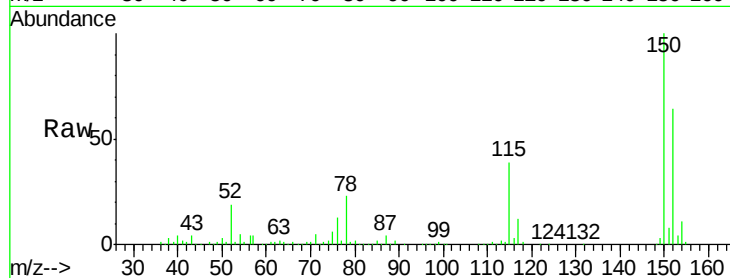
Tot Ion:152 Resp: 114217

Ion Ratio Lower Upper

152 100

150 155.3 124.6 186.8

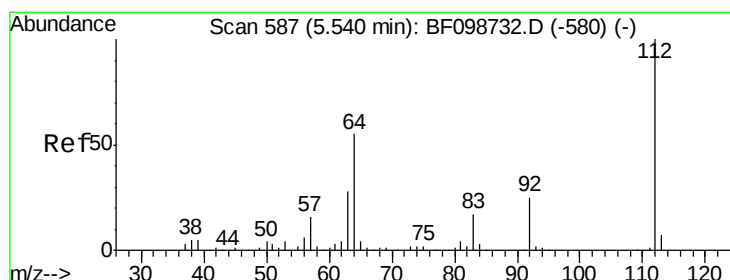
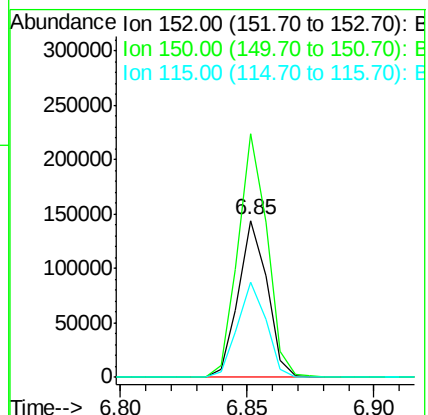
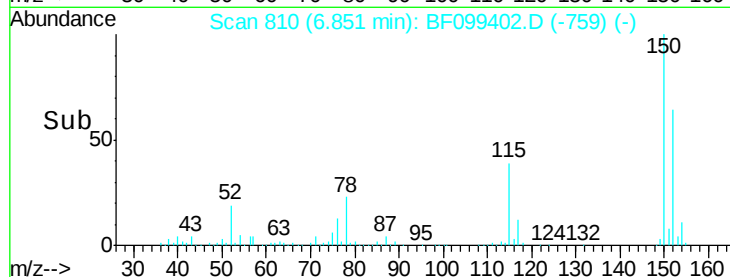
115 61.1 50.1 75.1



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: 93.06 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF099402.D

Acq: 12 Oct 2017 18:40

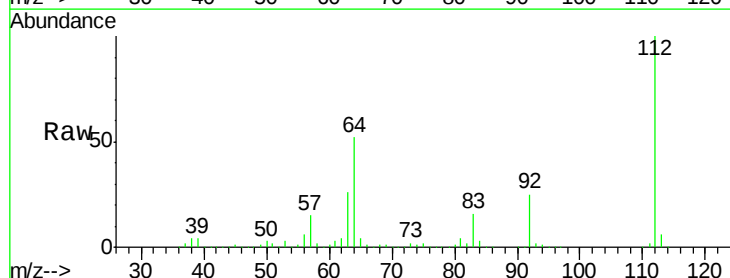
Tgt Ion:112 Resp: 667663

Ion Ratio Lower Upper

112 100

64 52.2 47.9 71.9

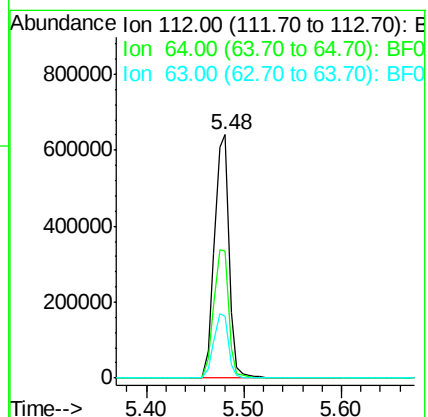
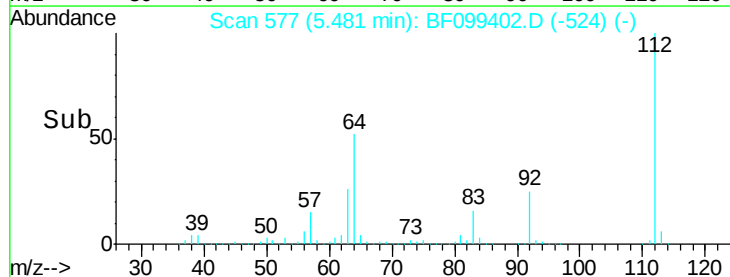
63 25.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 91.77 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099402.D

Acq: 12 Oct 2017 18:40

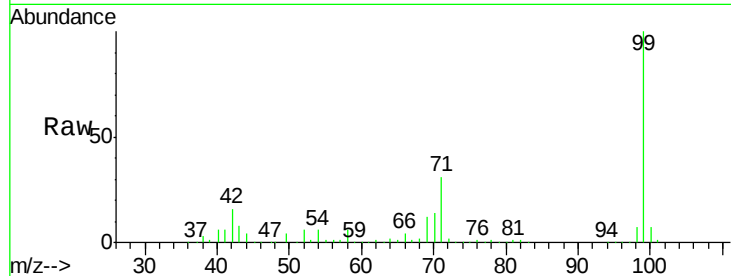
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 812260

Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.5	21.7
71	30.6	25.4	38.0

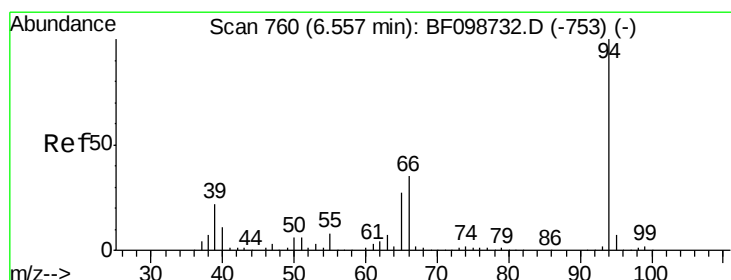
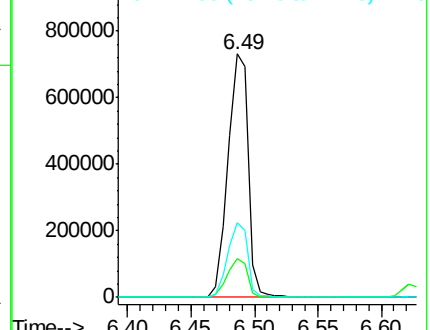
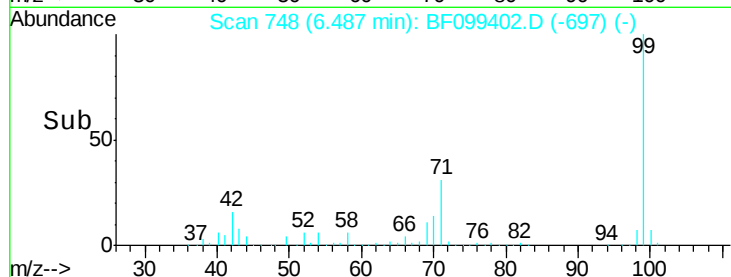


Abundance

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: 2.26 ng

RT: 6.50 min Scan# 750

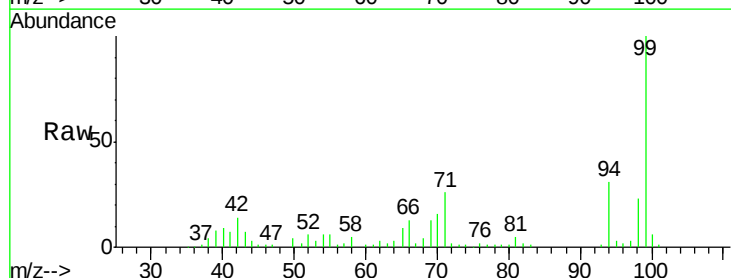
Delta R.T. 0.00 min

Lab File: BF099402.D

Acq: 12 Oct 2017 18:40

Tgt Ion: 94 Resp: 22377

Ion	Ratio	Lower	Upper
94	100		
65	28.6	7.9	47.9
66	43.0	16.2	56.2

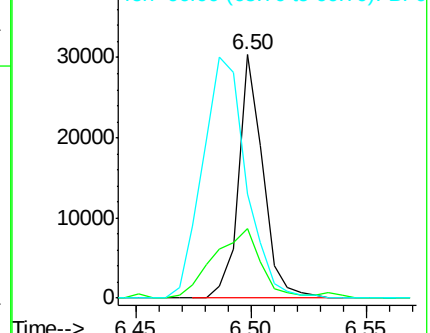
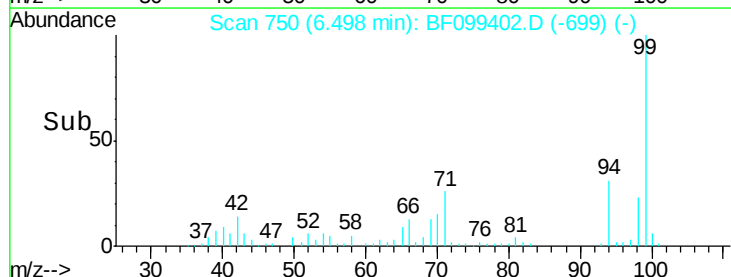


Abundance

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

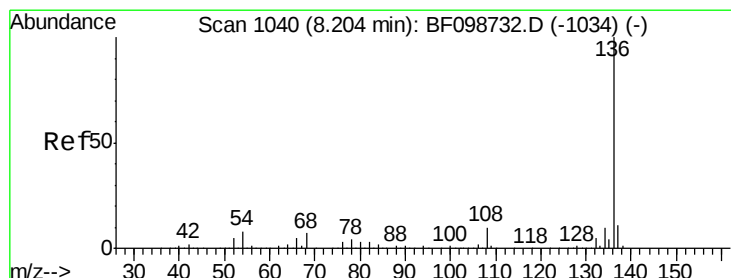
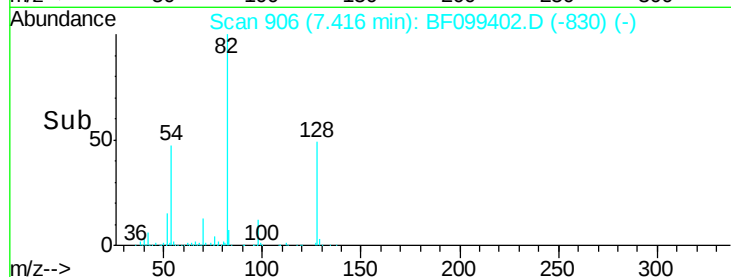
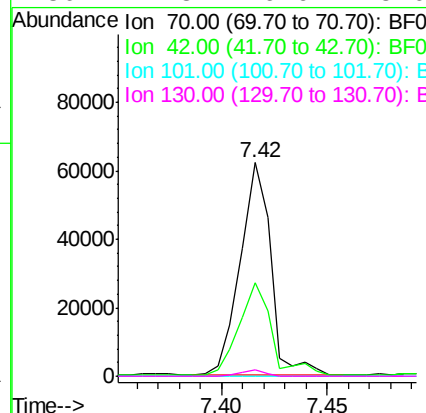
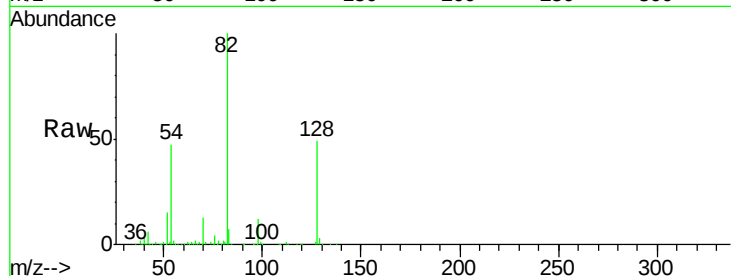




#19
n-Nitroso-di-n-propylamine
Concen: 11.01 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF099402.D
Acq: 12 Oct 2017 18:40

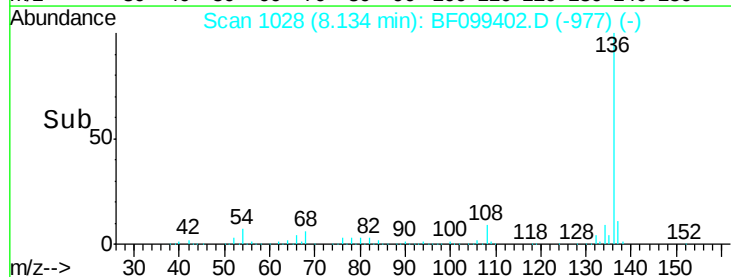
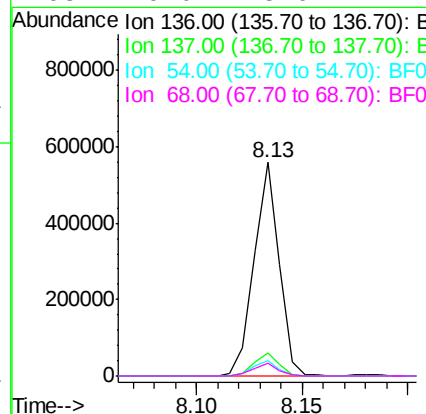
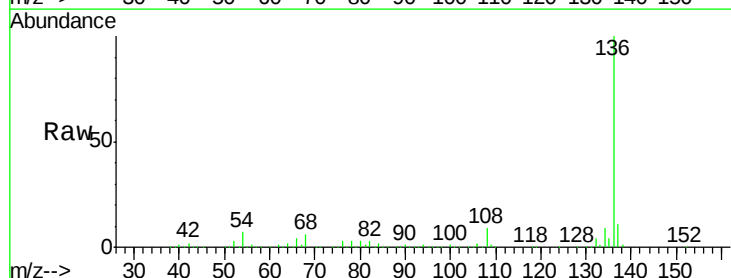
Instrument :
BNA_F
ClientSampled :

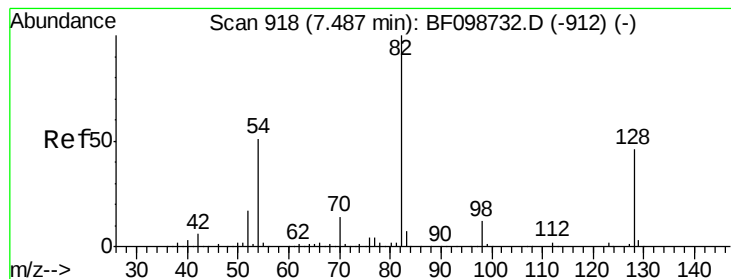
Tot Ion: 70 Resp: 62214
Ion Ratio Lower Upper
70 100
42 43.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099402.D
Acq: 12 Oct 2017 18:40

Tgt Ion: 136 Resp: 461832
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.1 6.6 9.8
68 6.0 5.0 7.4





#23

Nitrobenzene-d5

Concen: 65.55 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF099402.D

Acq: 12 Oct 2017 18:40

Instrument :

BNA_F

ClientSampleId :

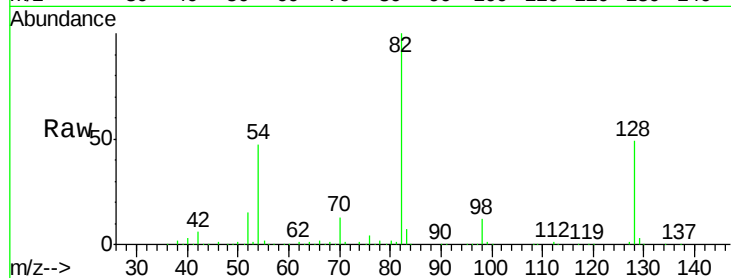
Tot Ion: 82 Resp: 472054

Ion Ratio Lower Upper

82 100

128 48.7 36.1 54.1

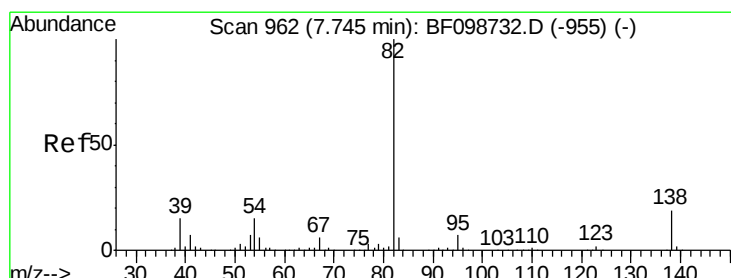
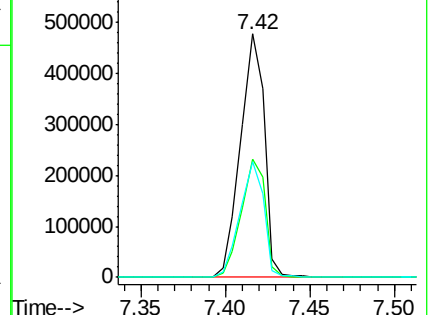
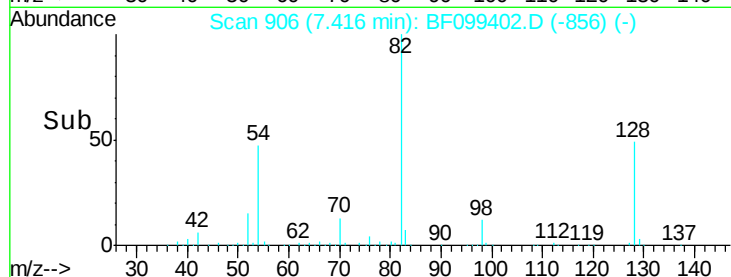
54 47.4 41.4 62.2



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: 31.69 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF099402.D

Acq: 12 Oct 2017 18:40

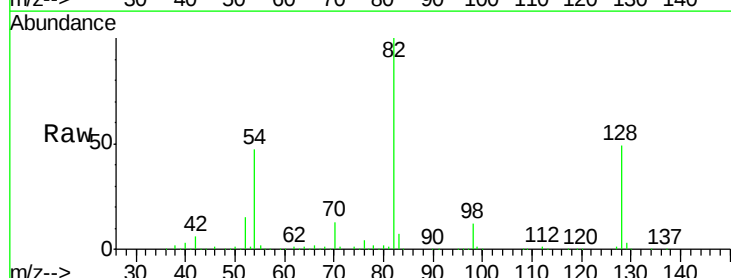
Tgt Ion: 82 Resp: 471804

Ion Ratio Lower Upper

82 100

95 0.2 5.2 7.8#

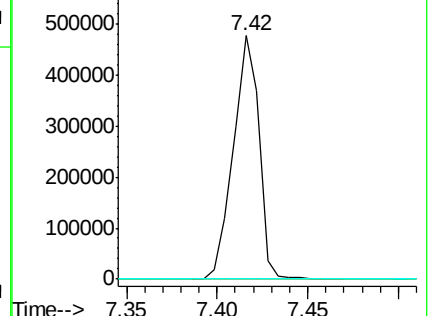
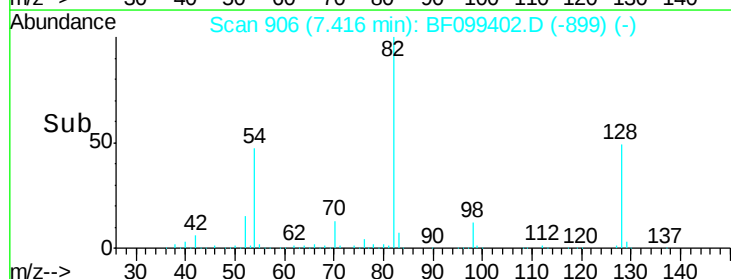
138 0.0 14.9 22.3#

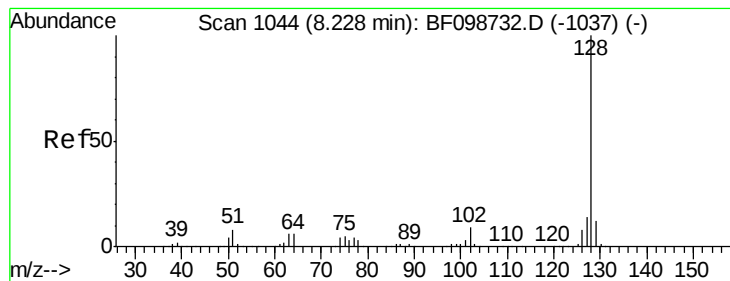


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#31

Naphthalene

Concen: 5.21 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF099402.D

Acq: 12 Oct 2017 18:40

Instrument :

BNA_F

ClientSampleId :

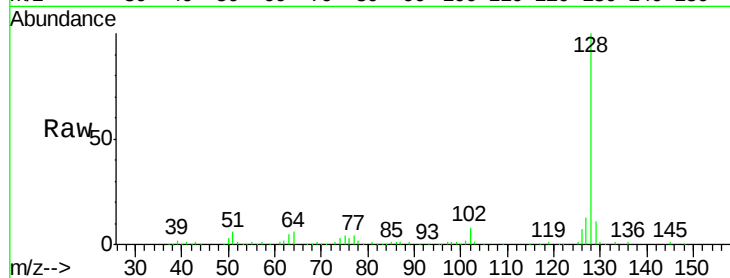
Tot Ion:128 Resp: 113027

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

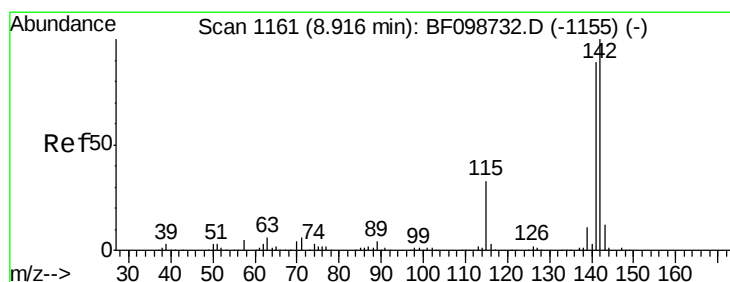
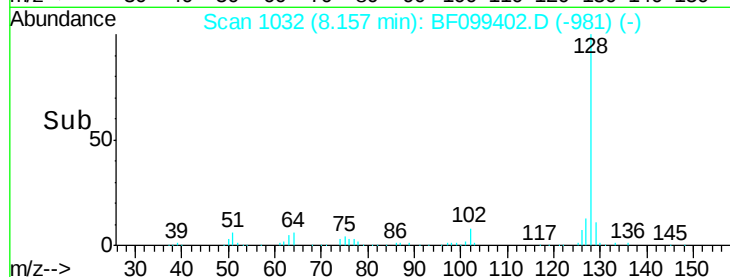
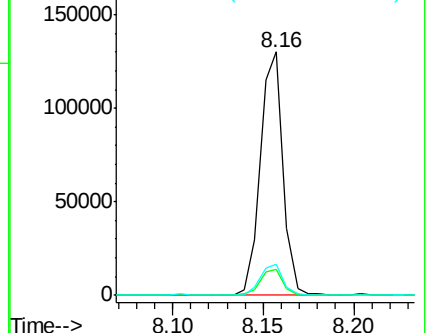
127 12.9 10.9 16.3



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: 6.02 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF099402.D

Acq: 12 Oct 2017 18:40

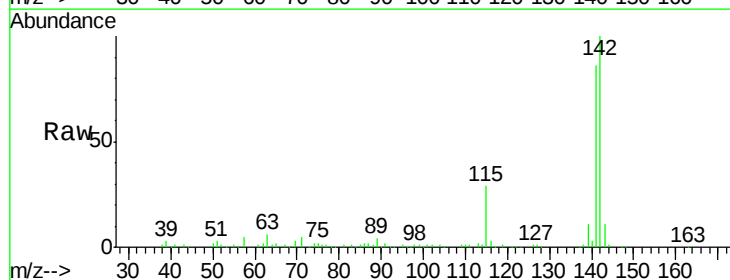
Tgt Ion:142 Resp: 84948

Ion Ratio Lower Upper

142 100

141 85.8 70.8 106.2

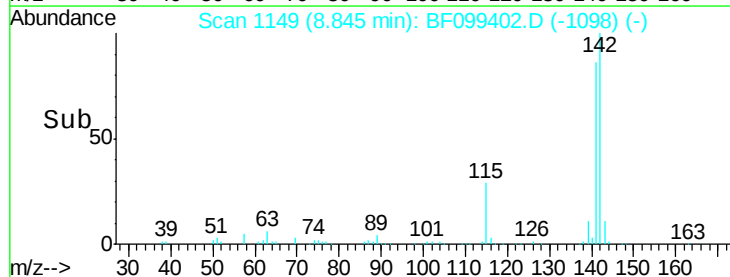
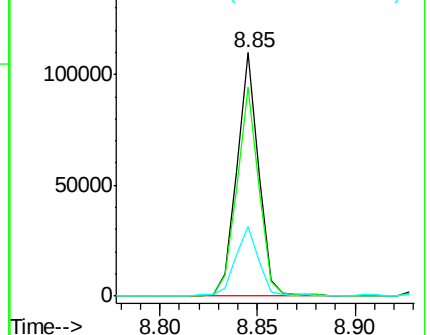
115 28.5 26.1 39.1

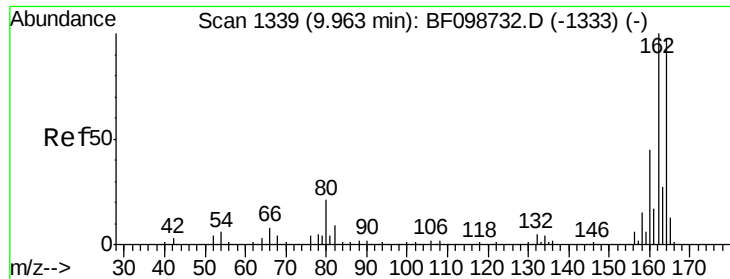


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

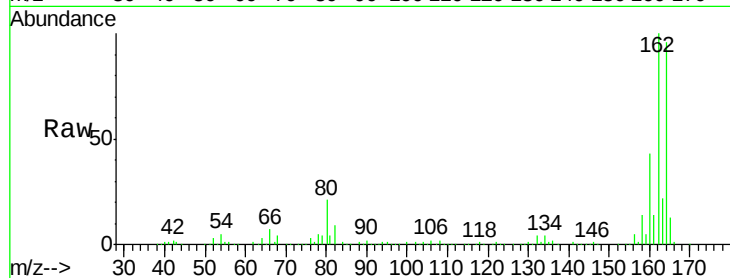




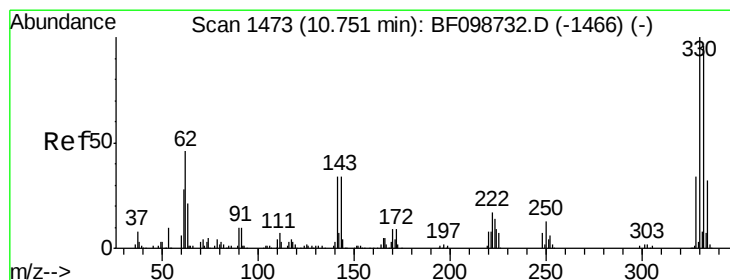
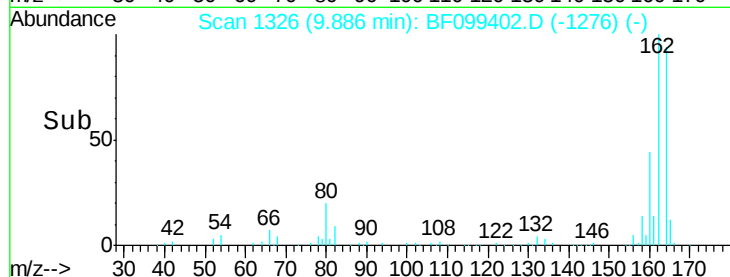
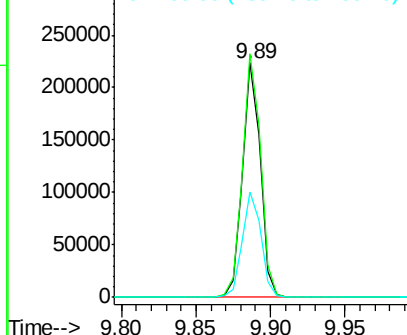
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099402.D
Acq: 12 Oct 2017 18:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 186008
Ion Ratio Lower Upper
164 100
162 103.9 86.1 129.1
160 45.2 38.3 57.5

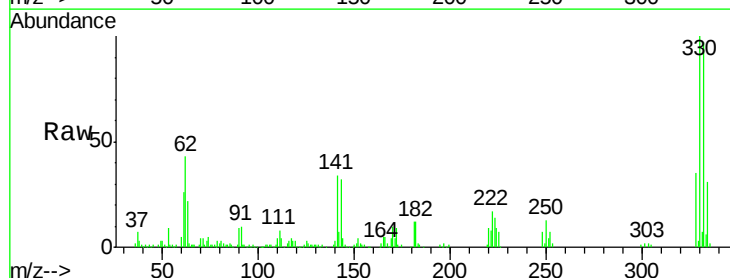


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

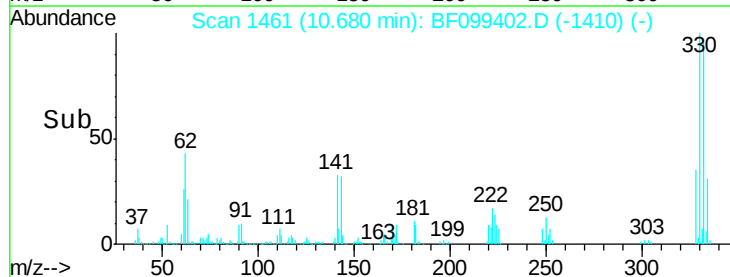
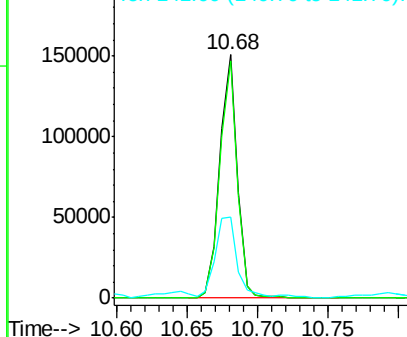


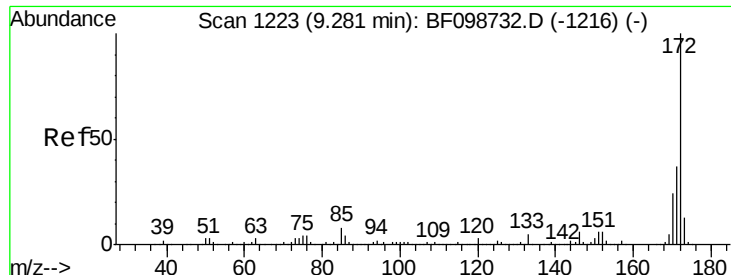
#41
2,4,6-Tribromophenol
Concen: 86.11 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF099402.D
Acq: 12 Oct 2017 18:40

Tgt Ion:330 Resp: 131069
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.6
141 41.9 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

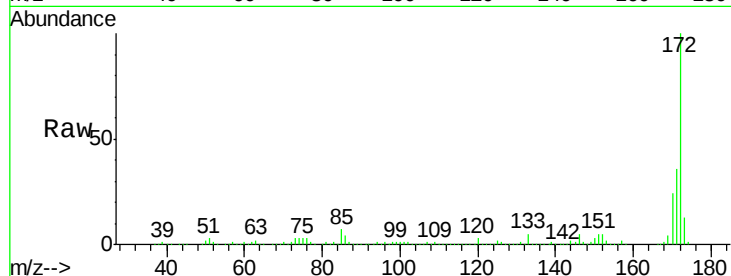




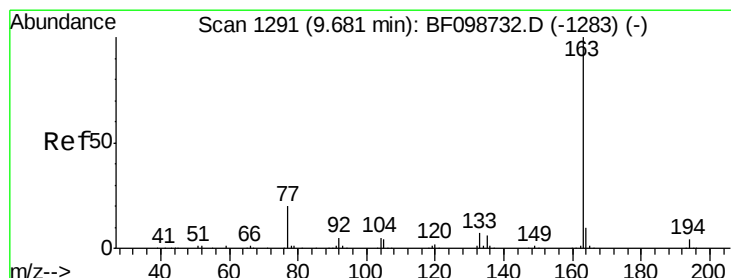
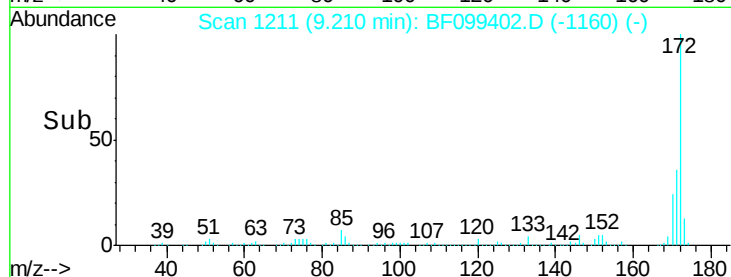
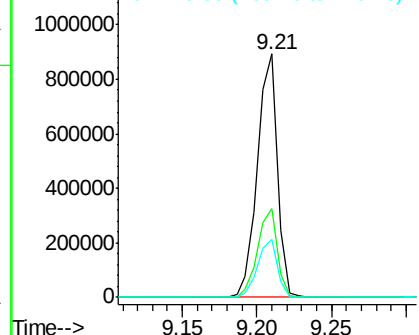
#44
2-Fluorobiphenyl
Concen: 73.73 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF099402.D
Acq: 12 Oct 2017 18:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 821475
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 23.6 19.6 29.4

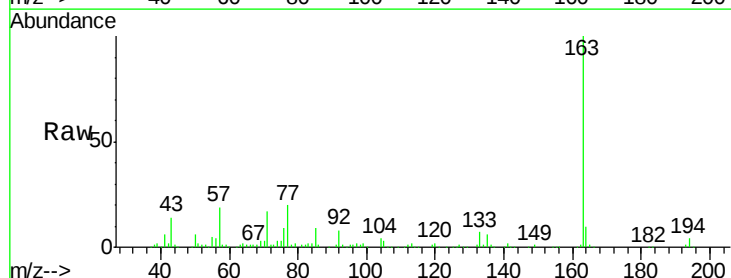


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

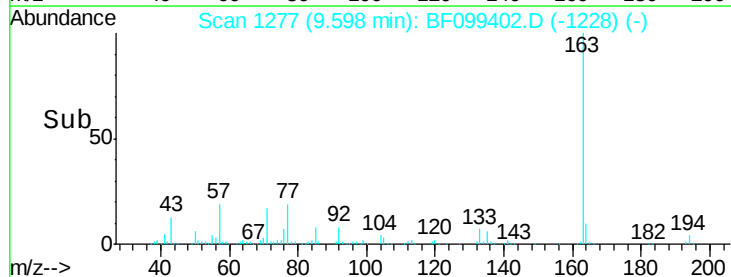
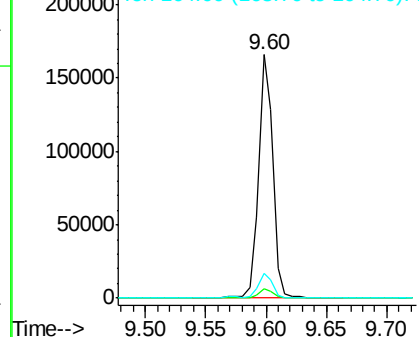


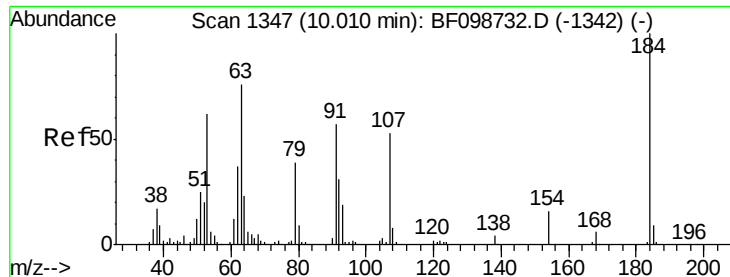
#49
Dimethylphthalate
Concen: 9.77 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF099402.D
Acq: 12 Oct 2017 18:40

Tgt Ion:163 Resp: 137107
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.0 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

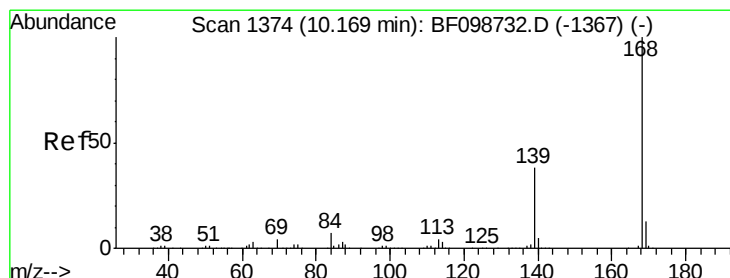
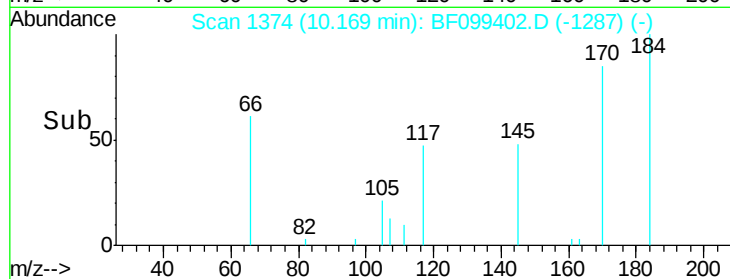
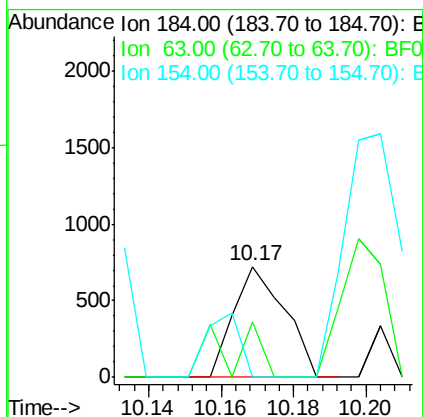
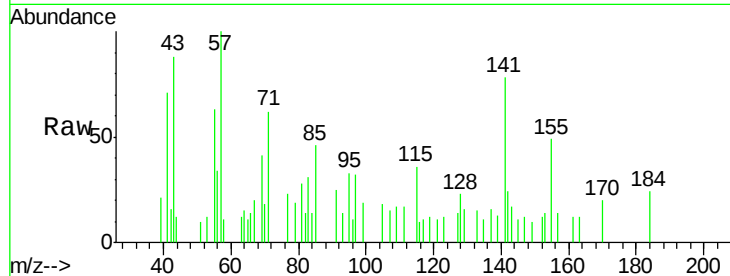




#53
2,4-Dinitrophenol
Concen: 6.24 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.21 min
Lab File: BF099402.D
Acq: 12 Oct 2017 18:40

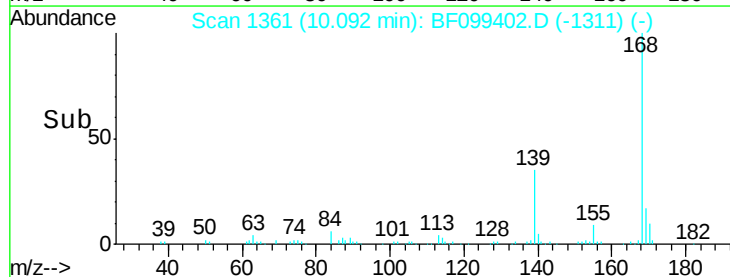
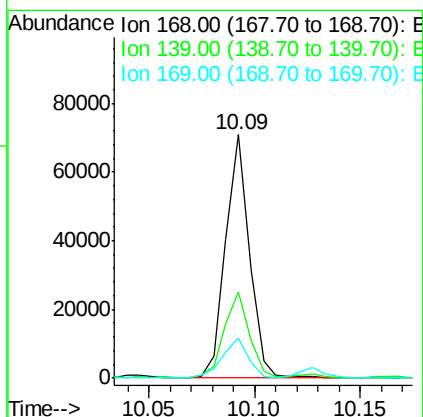
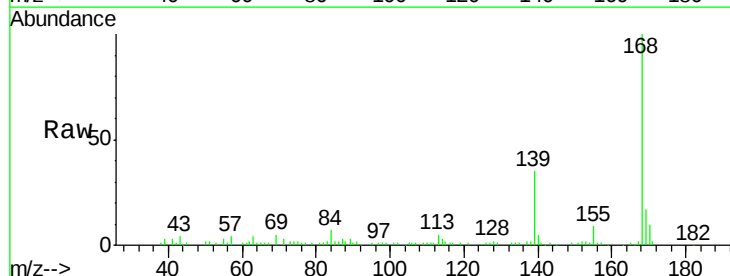
Instrument :
BNA_F
ClientSampled :

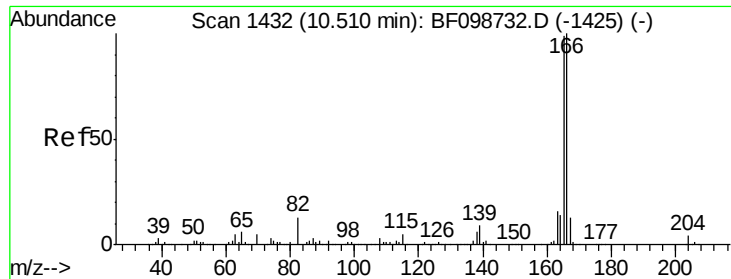
Tot Ion:184 Resp: 711
Ion Ratio Lower Upper
184 100
63 49.7 54.2 81.2#
154 0.0 53.5 80.3#



#54
Dibenzofuran
Concen: 3.57 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF099402.D
Acq: 12 Oct 2017 18:40

Tgt Ion:168 Resp: 55312
Ion Ratio Lower Upper
168 100
139 35.2 30.1 45.1
169 16.5 10.9 16.3#

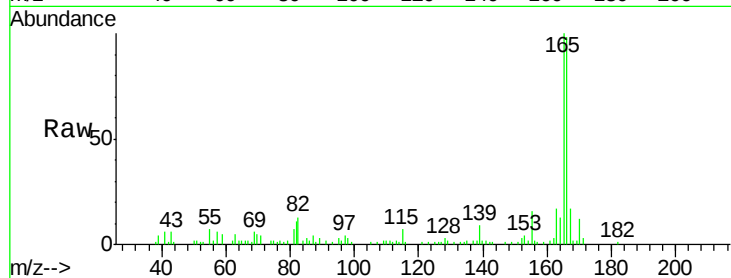




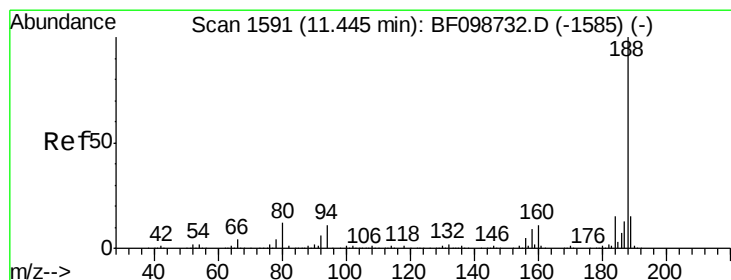
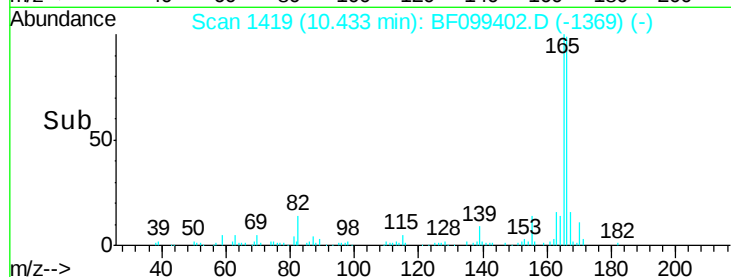
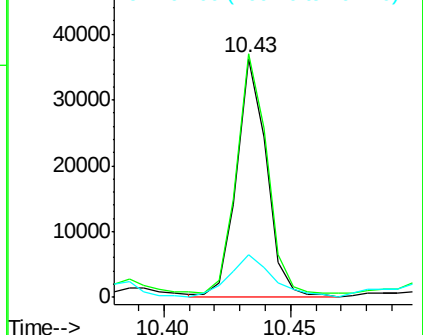
#57
Fluorene
 Concen: 2.40 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF099402.D
 Acq: 12 Oct 2017 18:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 29937
 Ion Ratio Lower Upper
 166 100
 165 101.9 79.8 119.8
 167 17.7 10.6 16.0#

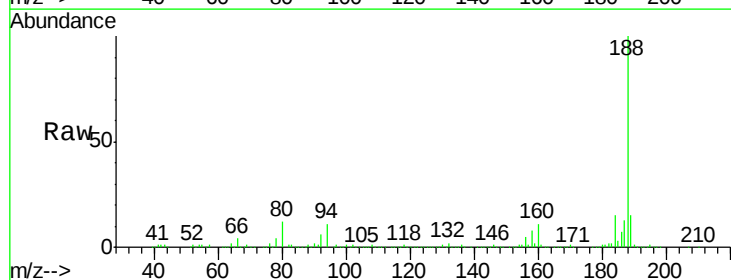


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

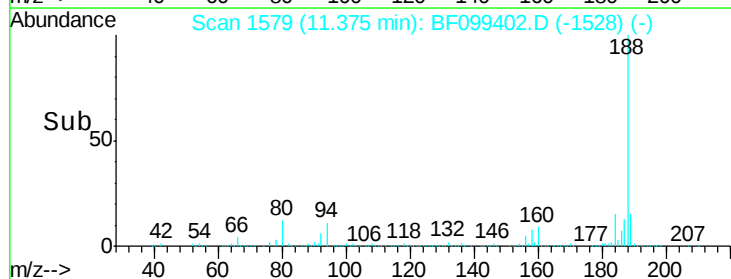
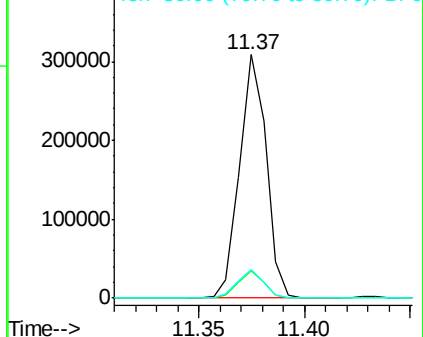


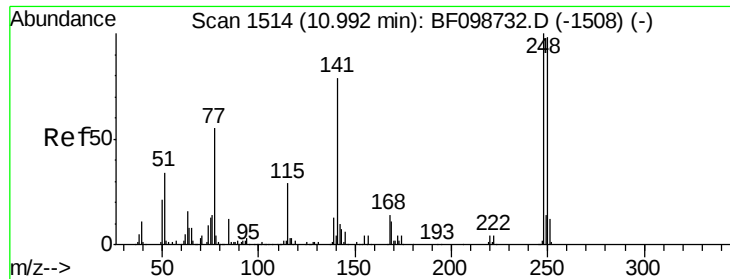
#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF099402.D
 Acq: 12 Oct 2017 18:40

Tgt Ion:188 Resp: 269754
 Ion Ratio Lower Upper
 188 100
 94 11.2 8.5 12.7
 80 11.9 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

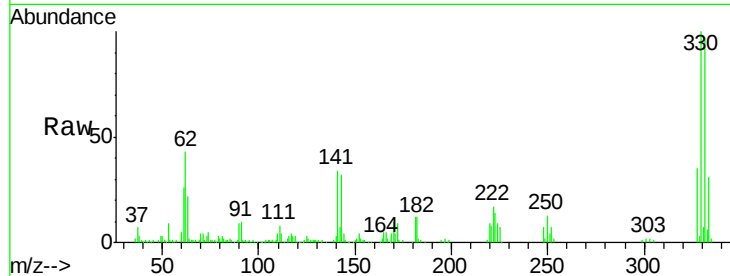




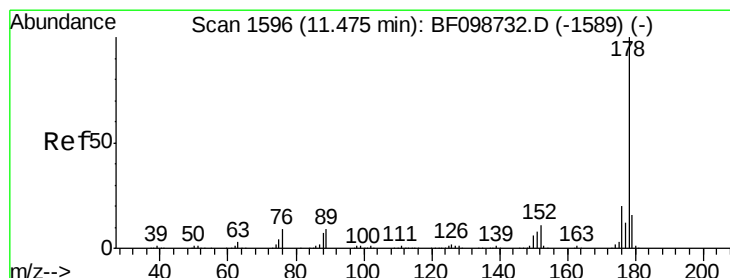
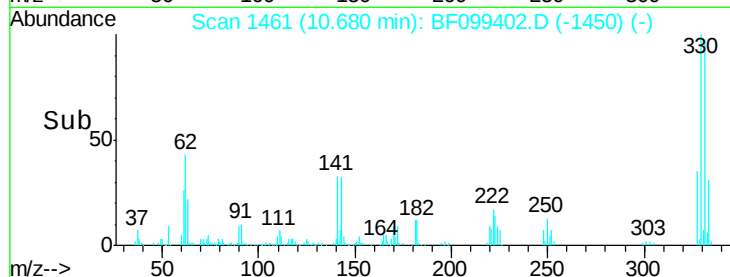
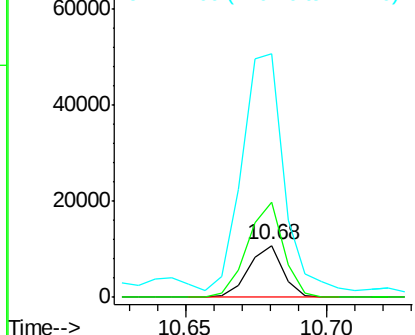
#66
 4-Bromophenyl-phenylether
 Concen: 3.45 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF099402.D
 Acq: 12 Oct 2017 18:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 9116
 Ion Ratio Lower Upper
 248 100
 250 184.4 76.9 115.3#
 141 472.0 74.4 111.6#

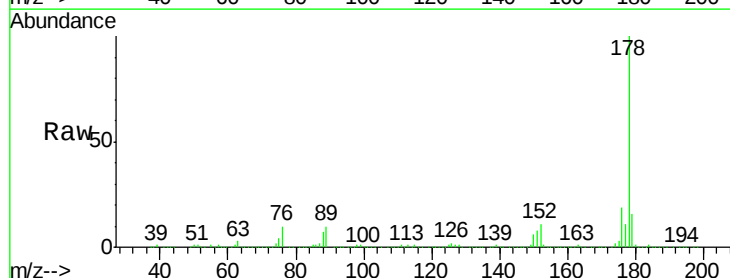


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

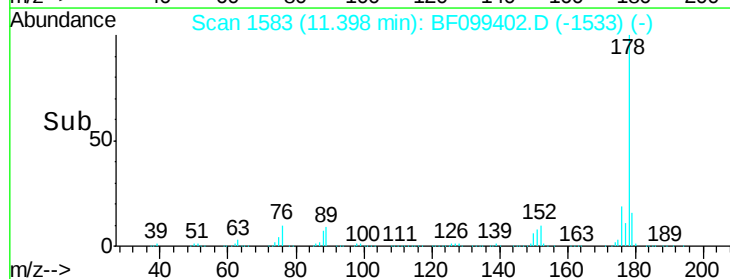
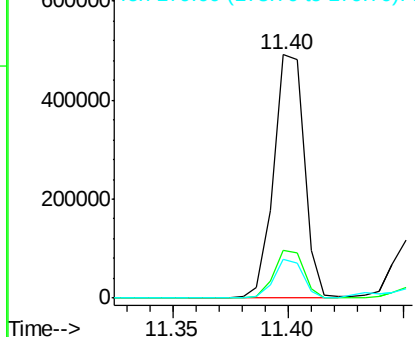


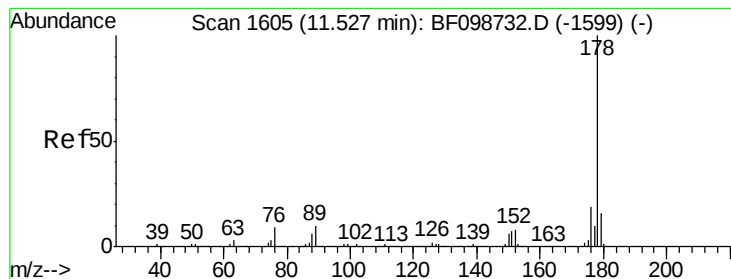
#70
 Phenanthrene
 Concen: 31.32 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF099402.D
 Acq: 12 Oct 2017 18:40

Tgt Ion:178 Resp: 452288
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.8 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: 6.30 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BF099402.D

Acq: 12 Oct 2017 18:40

Instrument :

BNA_F

ClientSampleId :

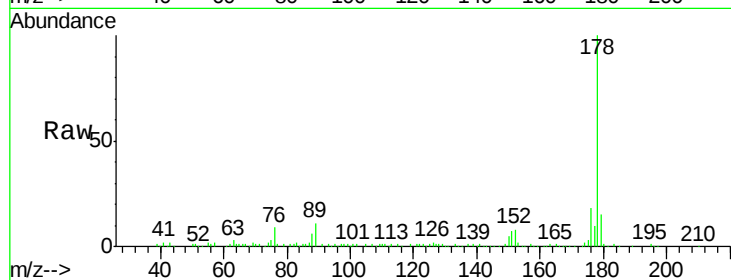
Tot Ion:178 Resp: 93072

Ion Ratio Lower Upper

178 100

176 18.3 15.4 23.2

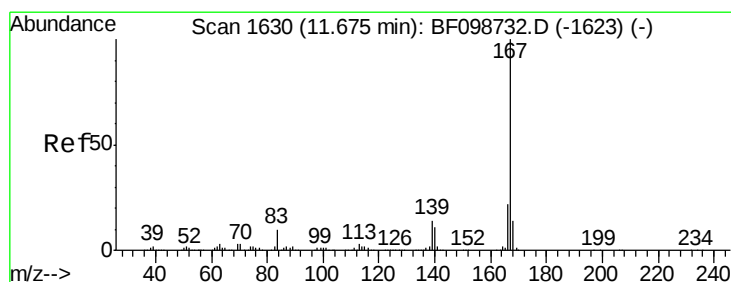
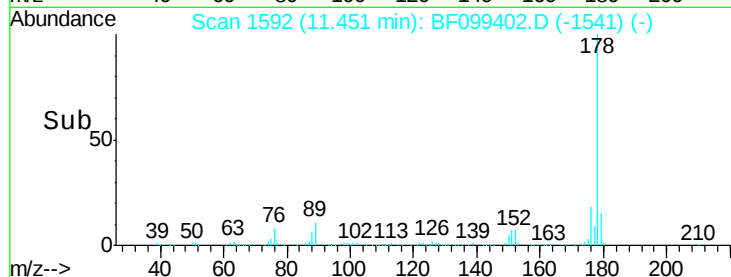
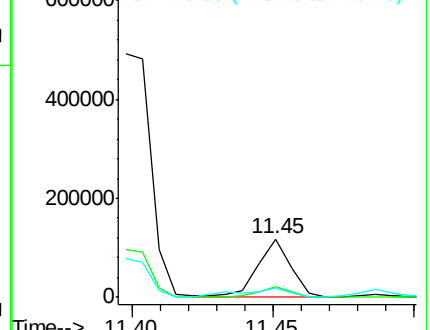
179 15.4 12.6 19.0



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



#72

Carbazole

Concen: 4.23 ng

RT: 11.61 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BF099402.D

Acq: 12 Oct 2017 18:40

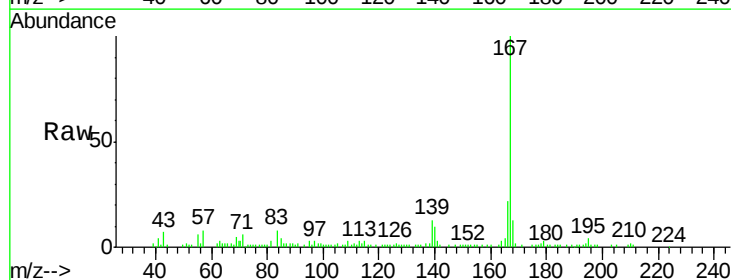
Tgt Ion:167 Resp: 61268

Ion Ratio Lower Upper

167 100

166 22.2 17.6 26.4

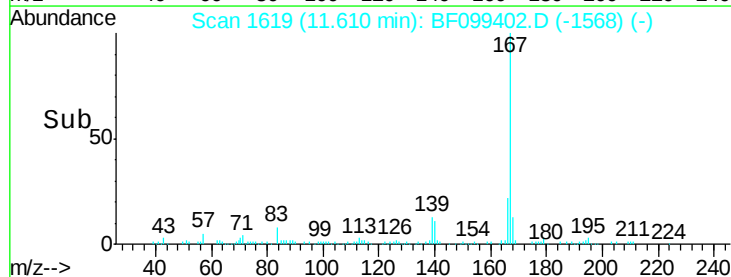
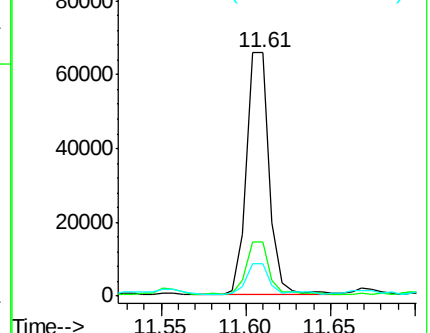
139 13.1 10.9 16.3

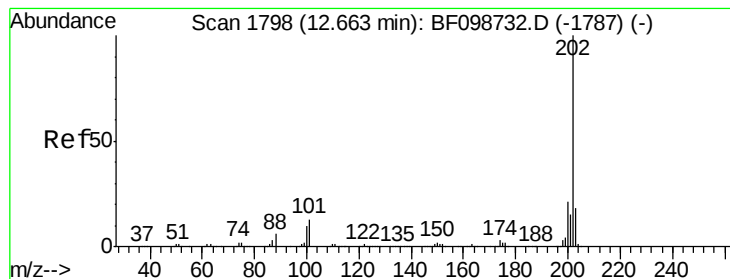


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 43.34 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF099402.D

Acq: 12 Oct 2017 18:40

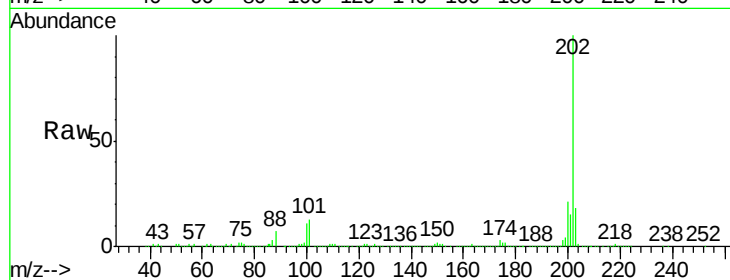
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 633646

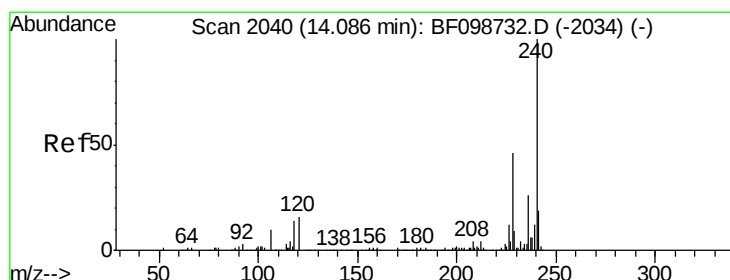
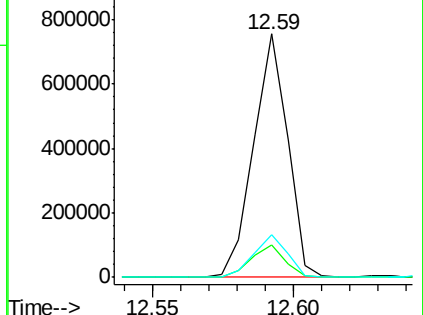
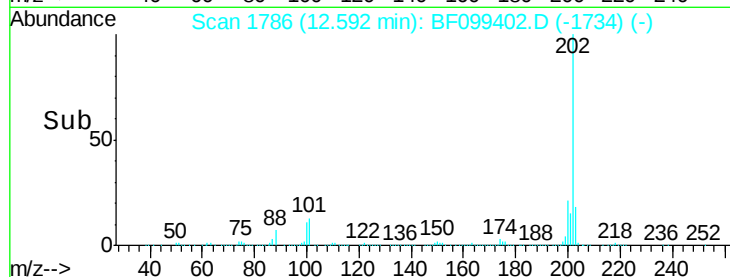
Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	34.1
203	17.6	0.0	38.1



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: 14.02 min Scan# 2029

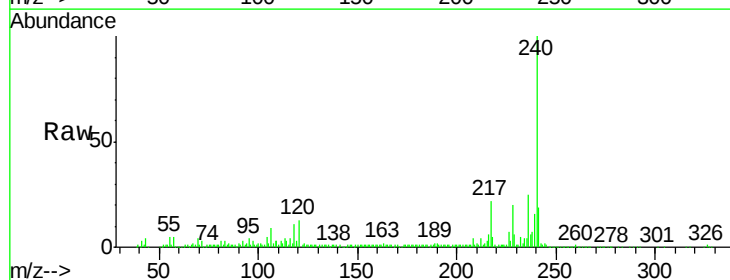
Delta R.T. 0.01 min

Lab File: BF099402.D

Acq: 12 Oct 2017 18:40

Tgt Ion:240 Resp: 204186

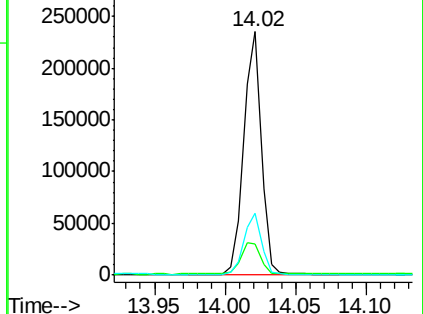
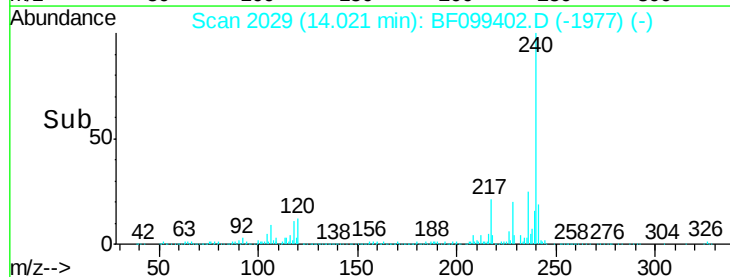
Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.5	14.3
236	25.3	20.7	31.1

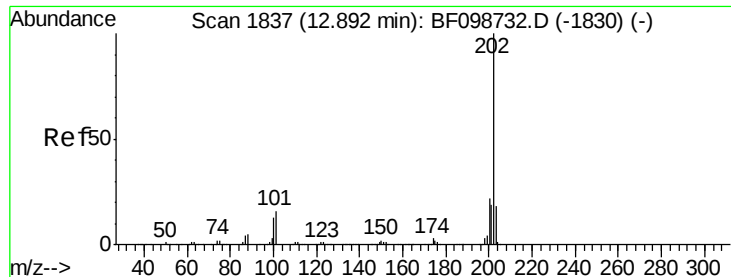


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

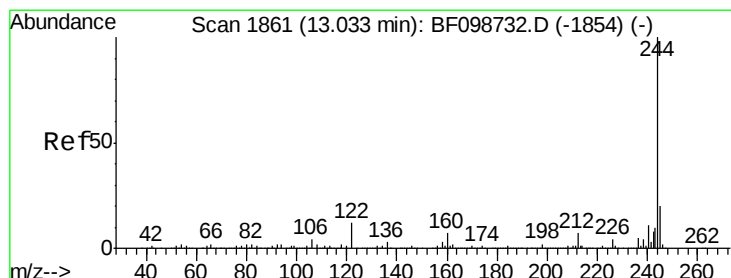
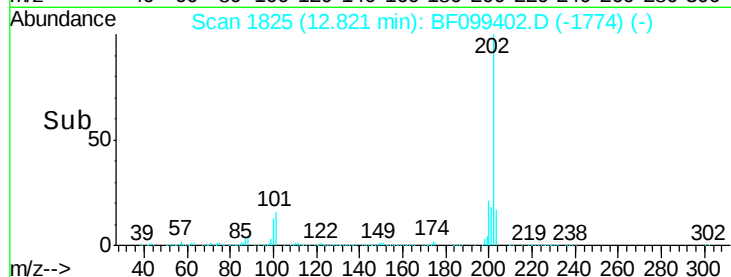
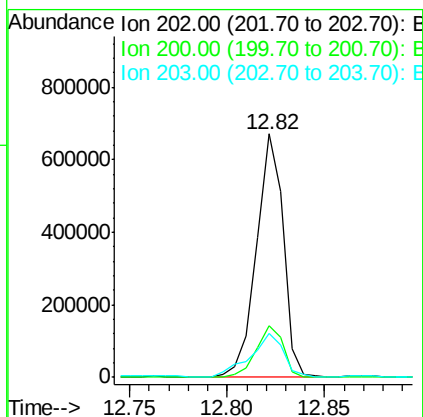
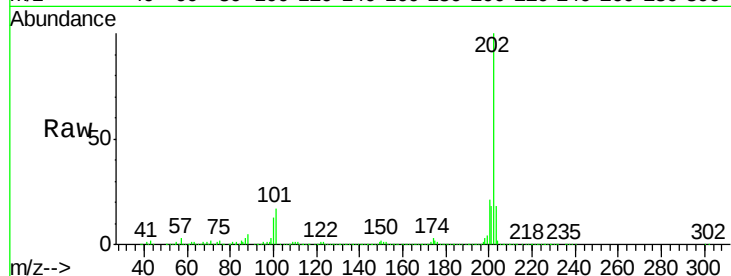




#77
Pvrene
Concen: 41.00 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF099402.D
Acq: 12 Oct 2017 18:40

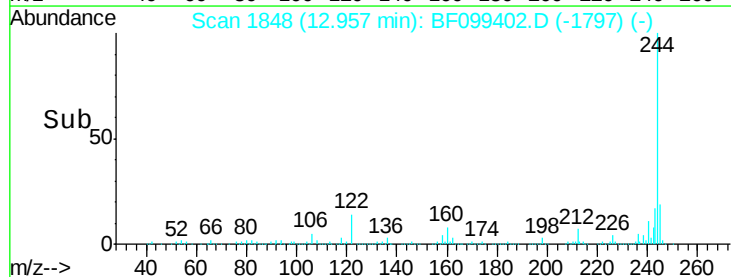
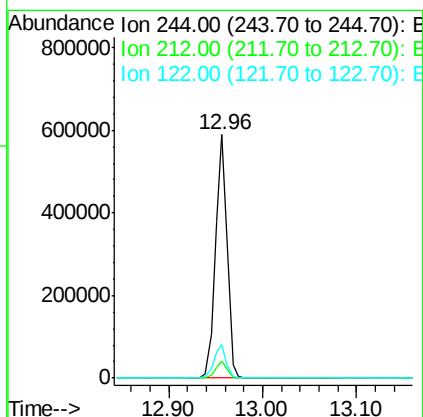
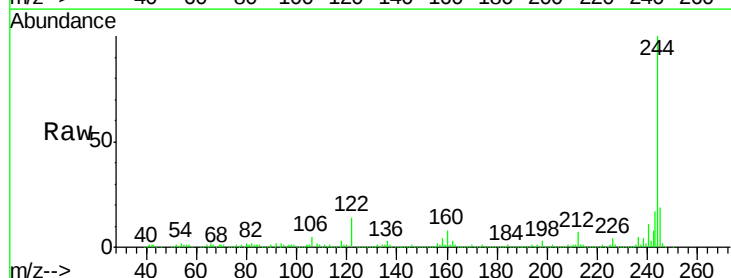
Instrument :
BNA_F
ClientSampleId :

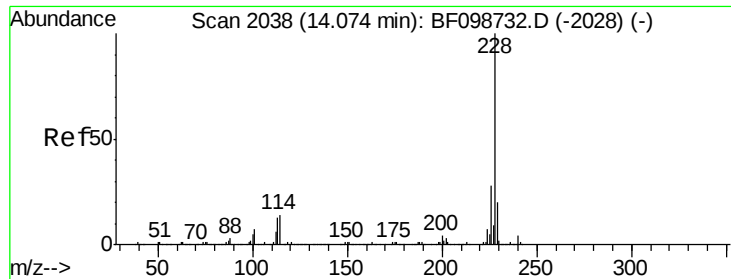
Tot Ion:202 Resp: 638351
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.8 14.3 21.5



#78
Terphenyl-d14
Concen: 57.97 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BF099402.D
Acq: 12 Oct 2017 18:40

Tgt Ion:244 Resp: 520507
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 13.8 11.0 16.4

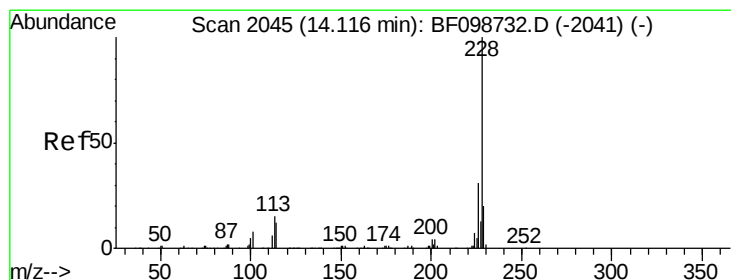
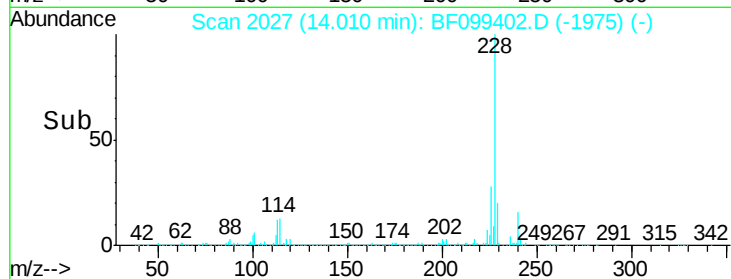
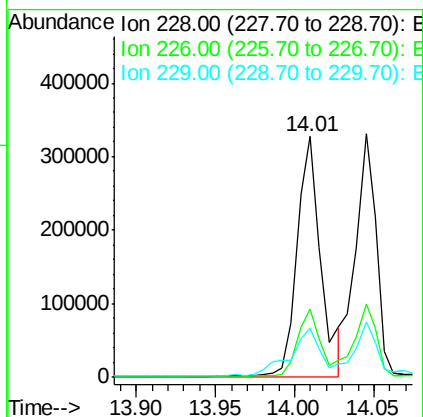
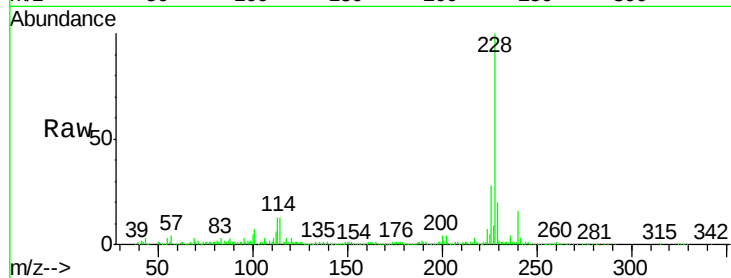




#80
Benzo(a)anthracene
Concen: 27.48 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF099402.D
Acq: 12 Oct 2017 18:40

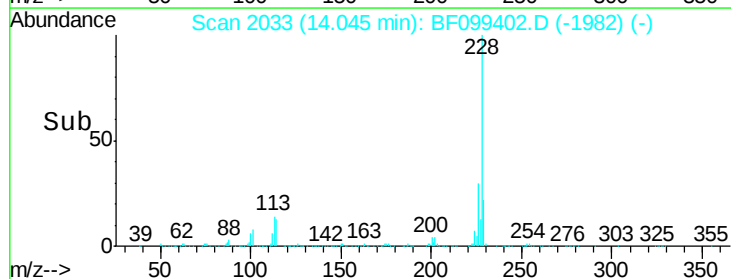
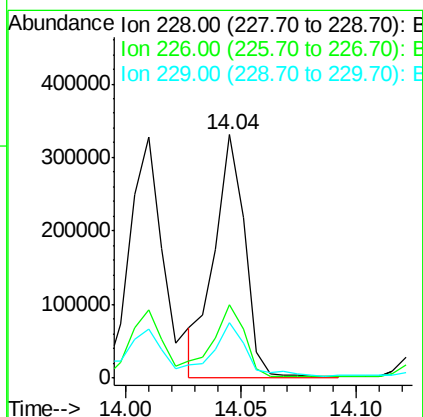
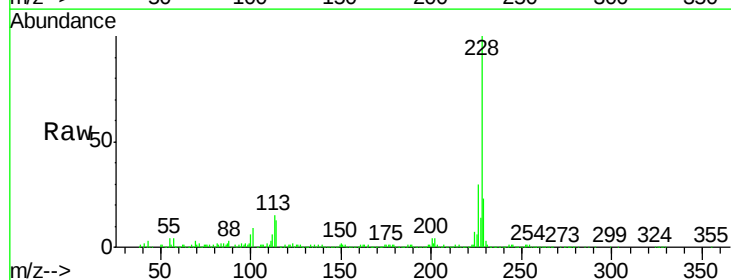
Instrument :
BNA_F
ClientSampleId :

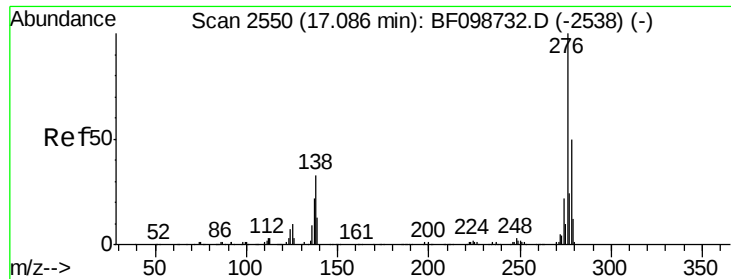
Tot Ion:228 Resp: 339764
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 20.1 15.8 23.6



#82
Chrysene
Concen: 25.54 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF099402.D
Acq: 12 Oct 2017 18:40

Tgt Ion:228 Resp: 300591
Ion Ratio Lower Upper
228 100
226 30.3 25.0 37.6
229 22.8 16.2 24.4

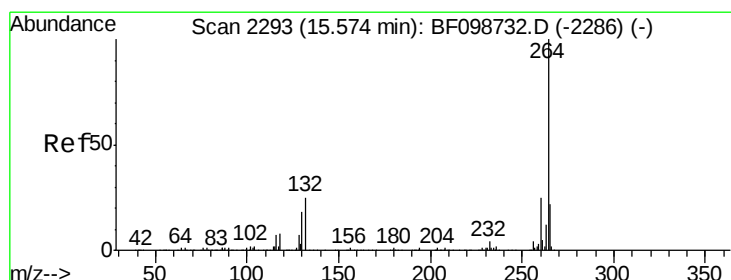
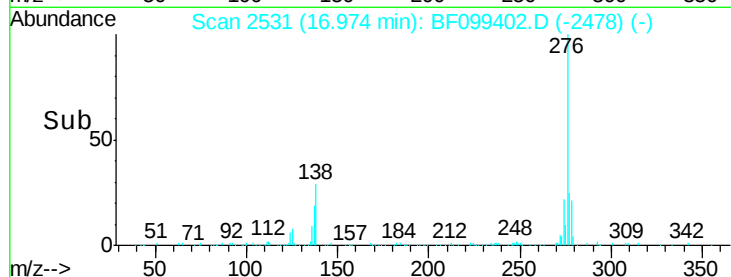
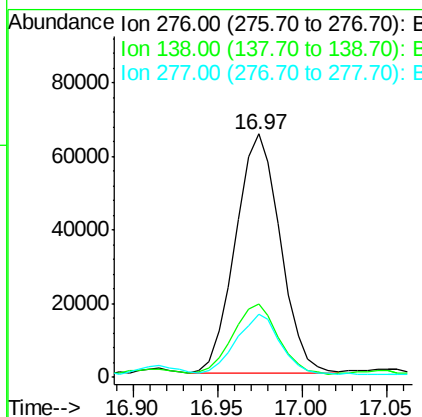
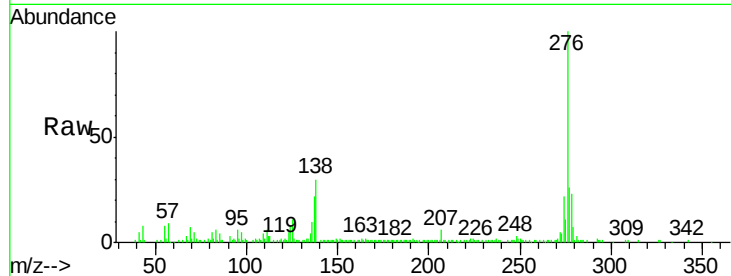




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 12.76 ng
 RT: 16.97 min Scan# 2531
 Delta R.T. 0.01 min
 Lab File: BF099402.D
 Acq: 12 Oct 2017 18:40

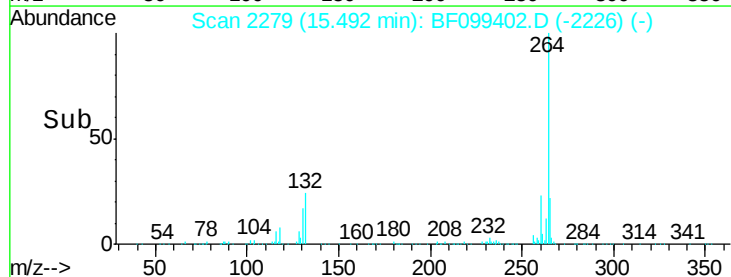
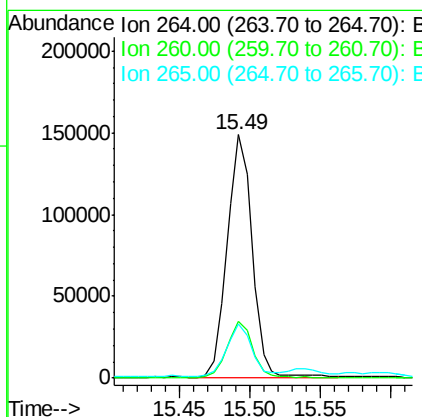
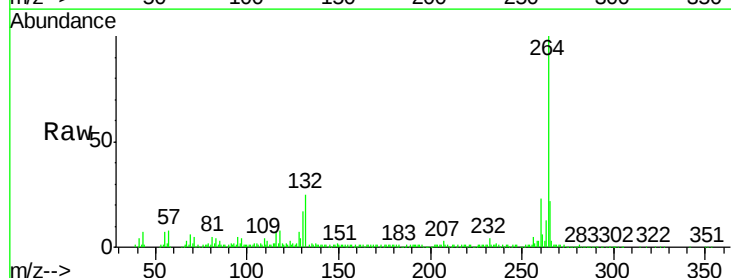
Instrument :
 BNA_F
 ClientSampleId :

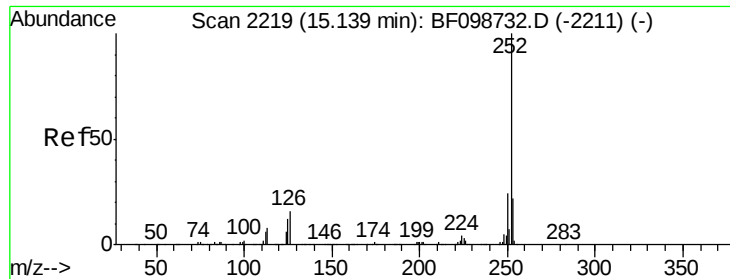
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.6	25.0	37.6
277	25.0	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.01 min
 Lab File: BF099402.D
 Acq: 12 Oct 2017 18:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 42.09 ng

RT: 15.06 min Scan# 2206

Delta R.T. 0.01 min

Lab File: BF099402.D

Acq: 12 Oct 2017 18:40

Instrument :

BNA_F

ClientSampleId :

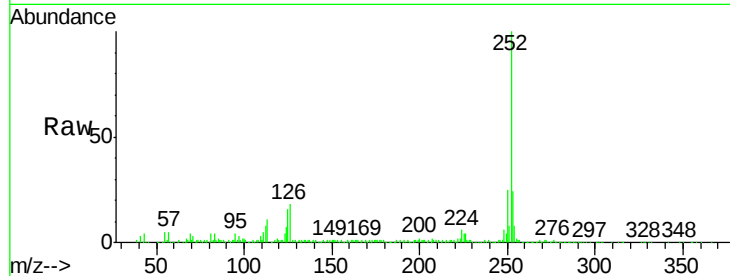
Tot Ion:252 Resp: 473407

Ion Ratio Lower Upper

252 100

253 23.8 17.0 25.6

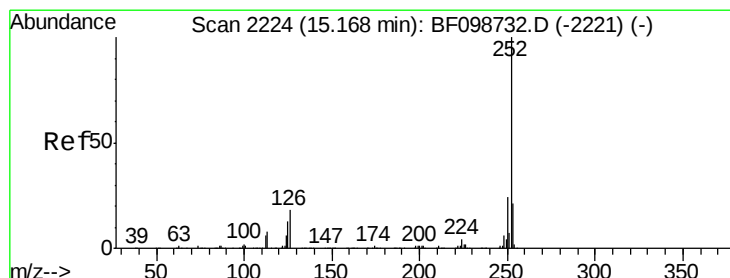
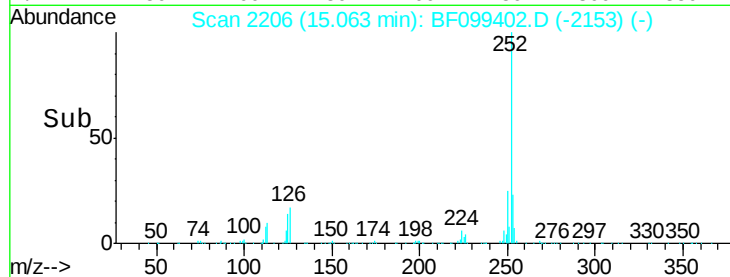
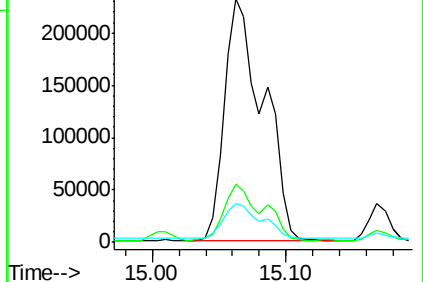
125 15.8 9.0 13.6#



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: 42.62 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.02 min

Lab File: BF099402.D

Acq: 12 Oct 2017 18:40

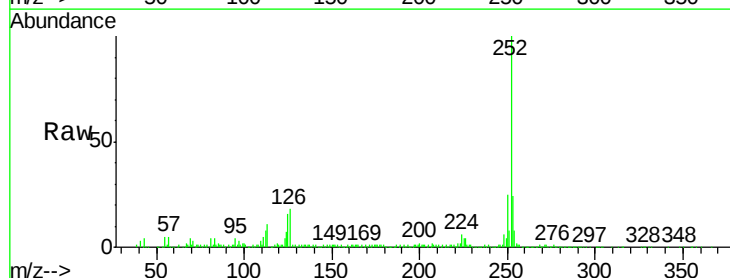
Tgt Ion:252 Resp: 473407

Ion Ratio Lower Upper

252 100

253 23.8 17.9 26.9

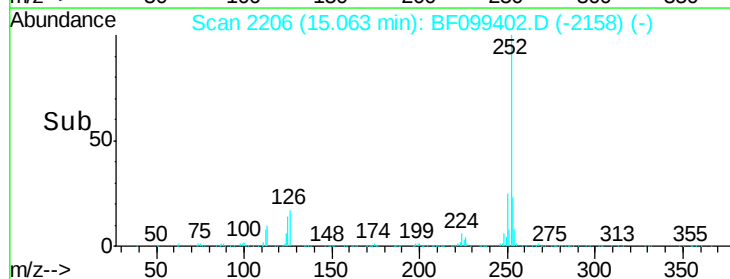
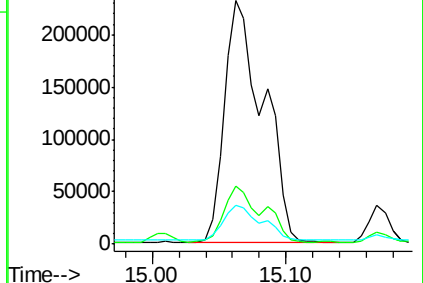
125 15.8 10.2 15.2#

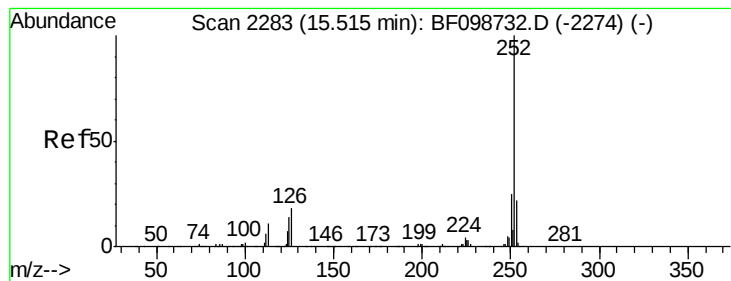


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 21.00 ng

RT: 15.43 min Scan# 2269

Delta R.T. 0.01 min

Lab File: BF099402.D

Acq: 12 Oct 2017 18:40

Instrument :

BNA_F

ClientSampleId :

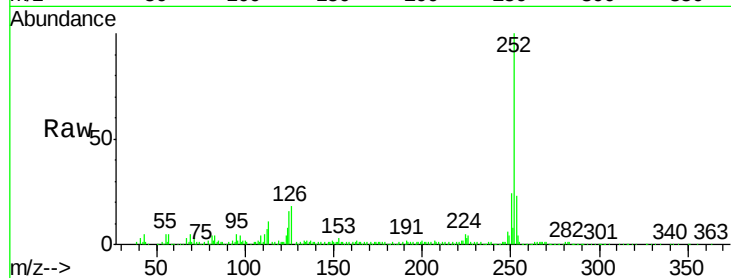
Tot Ion:252 Resp: 216766

Ion Ratio Lower Upper

252 100

253 23.0 17.1 25.7

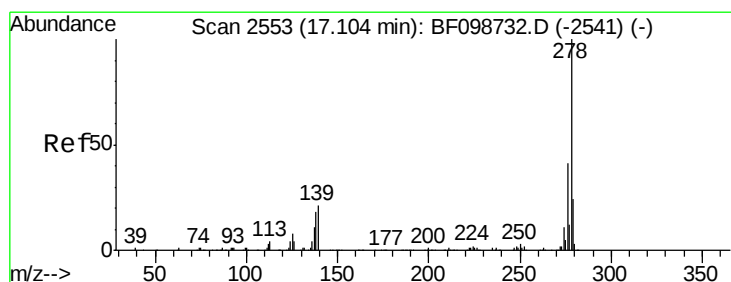
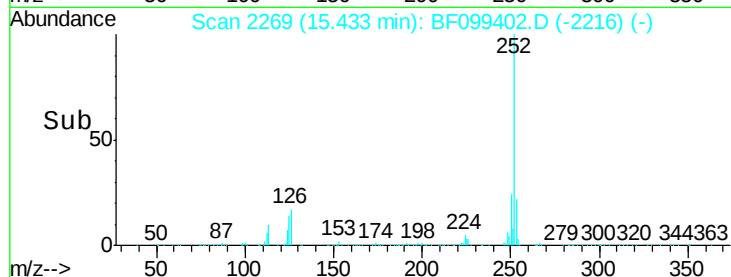
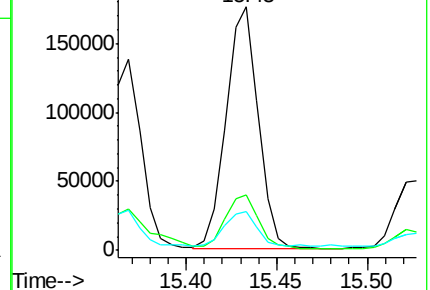
125 16.2 9.8 14.6#



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



#90

Dibenzo(a,h)anthracene

Concen: 3.96 ng

RT: 16.97 min Scan# 2531

Delta R.T. 0.00 min

Lab File: BF099402.D

Acq: 12 Oct 2017 18:40

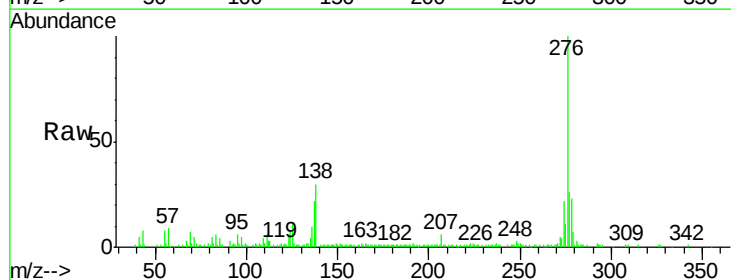
Tgt Ion:278 Resp: 32729

Ion Ratio Lower Upper

278 100

139 0.0 15.9 23.9#

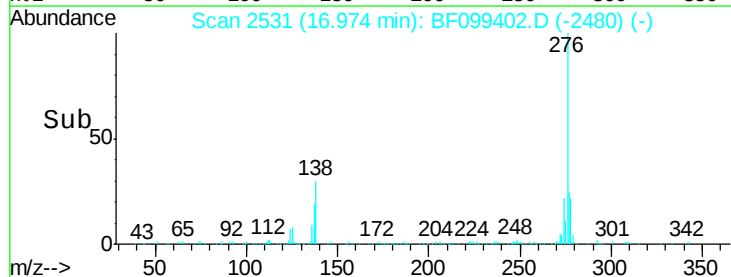
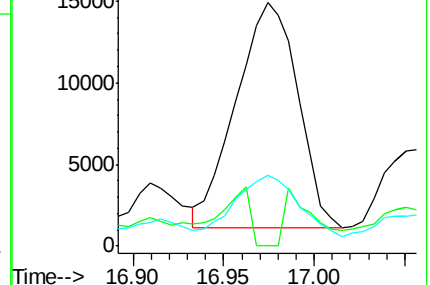
279 29.2 19.0 28.4#

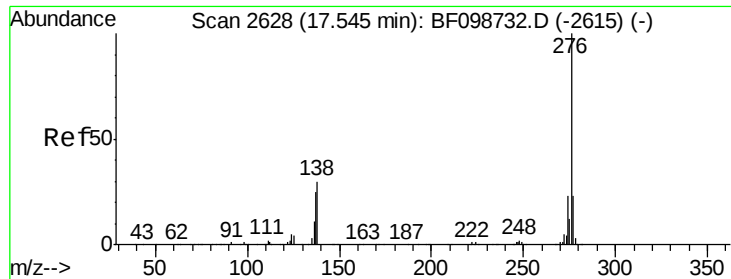


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

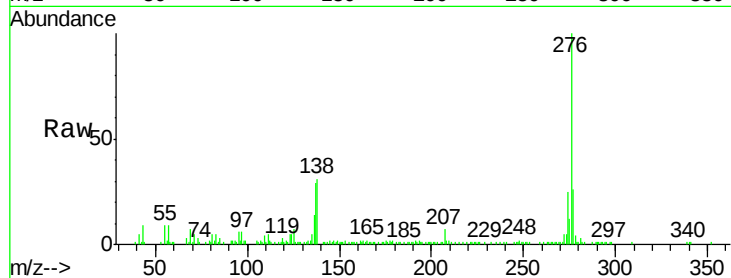




#91
 Benzo(a,h,i)perylene
 Concen: 13.42 ng
 RT: 17.43 min Scan# 2608
 Delta R.T. 0.02 min
 Lab File: BF099402.D
 Acq: 12 Oct 2017 18:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.9	17.9	26.9
138	31.1	21.8	32.8



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

