

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
 Data File : BF098974.D
 Acq On : 30 Sep 2017 20:35
 Operator : SJ/JU
 Sample : I5563-02 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 30 23:29:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	142608	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	549113	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	212891	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	308732	20.00	ng	0.00
75) Chrysene-d12	14.09	240	243334	20.00	ng	0.00
86) Perylene-d12	15.59	264	179132	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	449937	50.23	ng	0.00
7) Phenol-d6	6.54	99	529435	47.91	ng	0.00
23) Nitrobenzene-d5	7.47	82	314562	36.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	68286	39.20	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	516230	40.48	ng	-0.01
78) Terphenyl-d14	13.03	244	318808	29.80	ng	0.00

Target Compounds

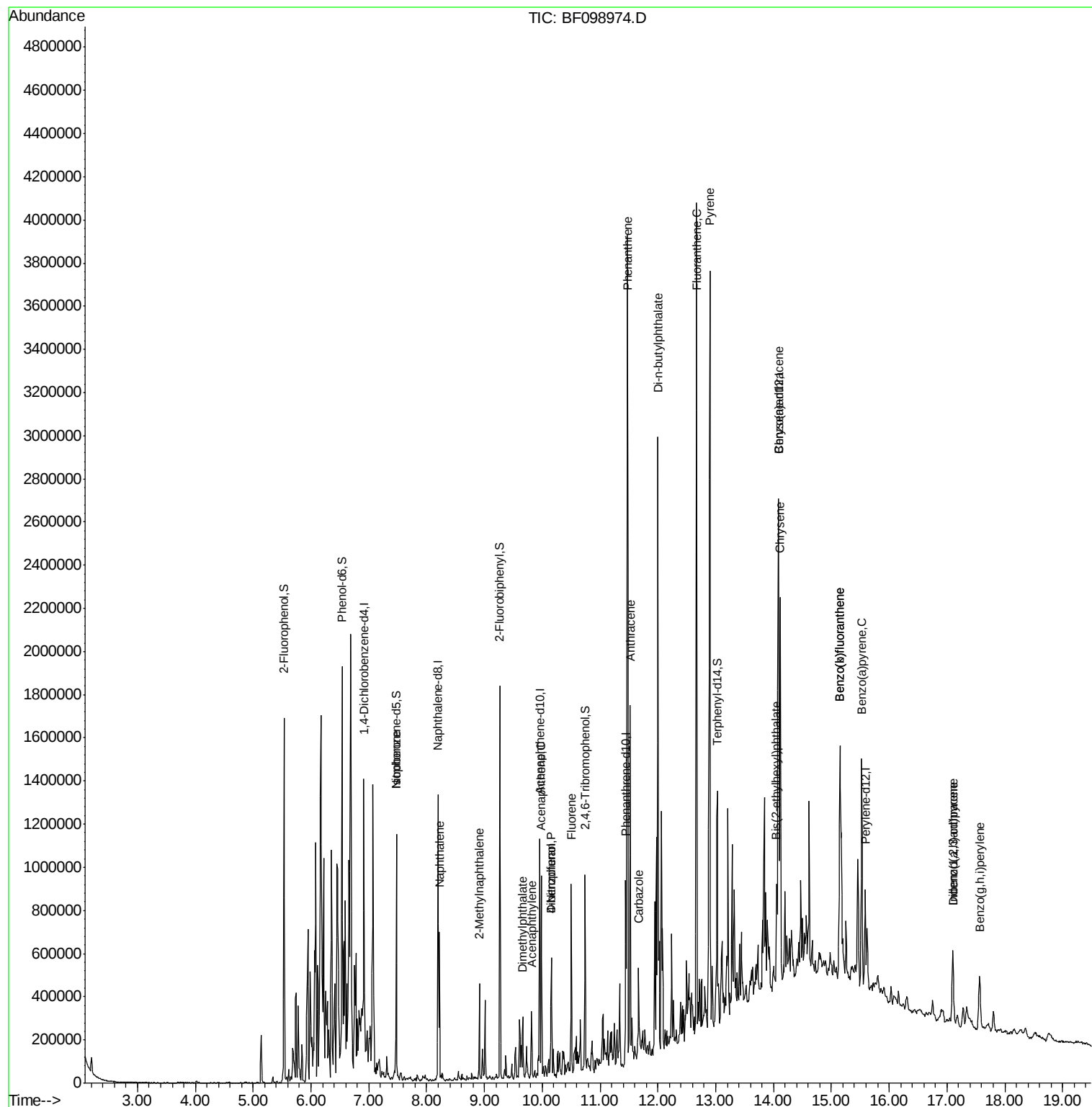
						Qvalue
25) Isophorone	7.47	82	313935	17.733	ng	# 64
31) Naphthalene	8.22	128	290332	11.258	ng	99
37) 2-Methylnaphthalene	8.91	142	108475	6.470	ng	98
48) Acenaphthylene	9.82	152	96964	4.611	ng	98
49) Dimethylphthalate	9.66	163	86447	5.380	ng	99
51) Acenaphthene	9.99	154	169162	12.699	ng	98
54) Dibenzofuran	10.16	168	168691	9.511	ng	97
55) 4-Nitrophenol	10.16	139	65608	19.023	ng	# 10
57) Fluorene	10.50	166	232606	16.316	ng	100
70) Phenanthrene	11.47	178	1554592	94.072	ng	100
71) Anthracene	11.52	178	543243	32.128	ng	100
72) Carbazole	11.67	167	157613	9.519	ng	99
73) Di-n-butylphthalate	12.00	149	1602575	80.407	ng	100
74) Fluoranthene	12.67	202	1818505	108.671	ng	100
77) Pyrene	12.90	202	1652901	89.080	ng	99
80) Benzo(a)anthracene	14.08	228	870174	59.057	ng	95
82) Chrysene	14.12	228	698100	49.765	ng	98
83) Bis(2-ethylhexyl)phthalate	14.05	149	113474	9.450	ng	# 98
85) Indeno(1,2,3-cd)pyrene	17.10	276	219649	19.574	ng	96
87) Benzo(b)fluoranthene	15.15	252	904956	82.166	ng	# 95
88) Benzo(k)fluoranthene	15.15	252	904956	83.189	ng	97
89) Benzo(a)pyrene	15.53	252	475589	47.042	ng	# 95
90) Dibenzo(a,h)anthracene	17.11	278	57858	7.151	ng	# 85
91) Benzo(g,h,i)perylene	17.57	276	196540	24.575	ng	95

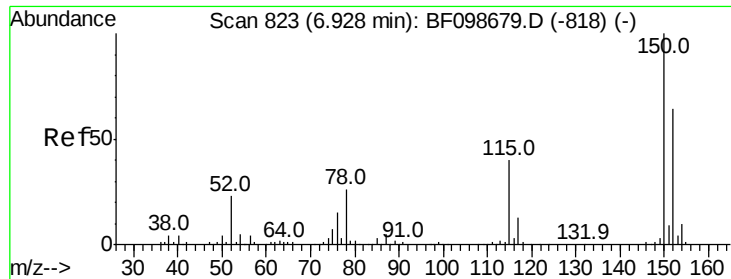
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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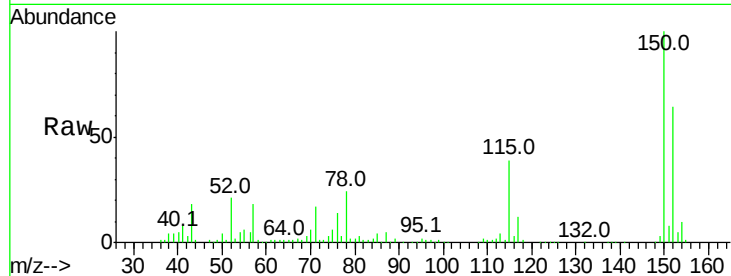


#1

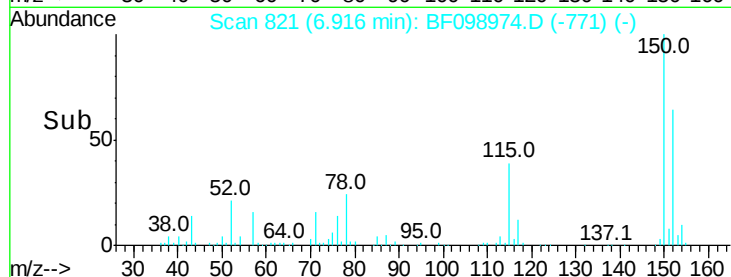
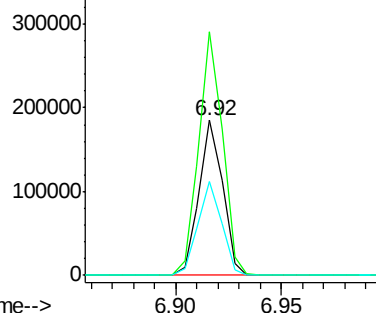
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098974.D
Acq: 30 Sep 2017 20:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 142608
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 60.6 50.1 75.1



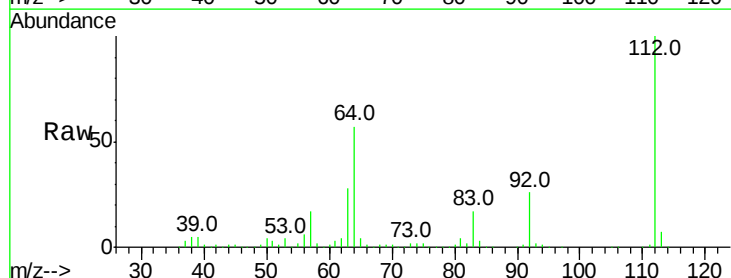
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



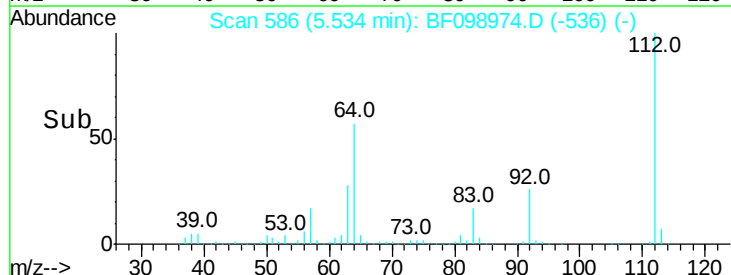
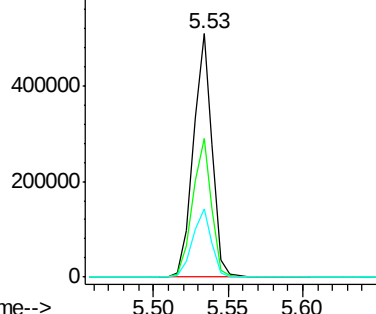
#5

2-Fluorophenol
Concen: 50.225 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098974.D
Acq: 30 Sep 2017 20:35

Tgt Ion:112 Resp: 449937
Ion Ratio Lower Upper
112 100
64 57.0 47.9 71.9
63 27.9 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: 47.908 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098974.D

Acq: 30 Sep 2017 20:35

Instrument :

BNA_F

ClientSampleId :

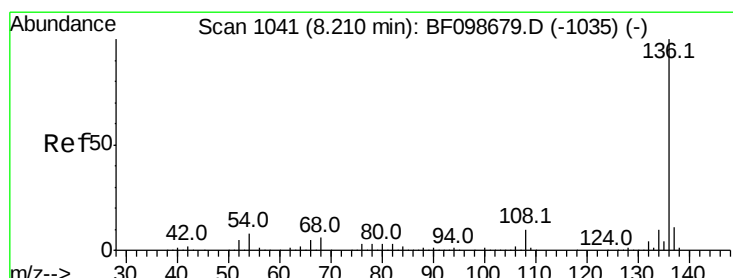
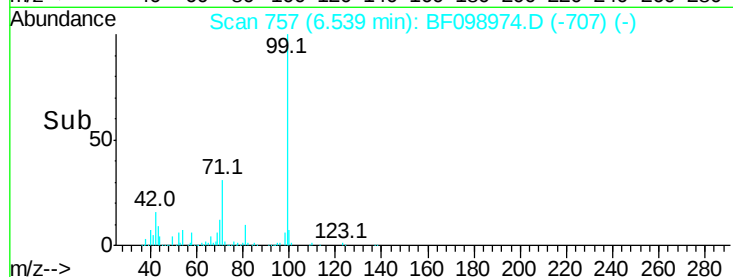
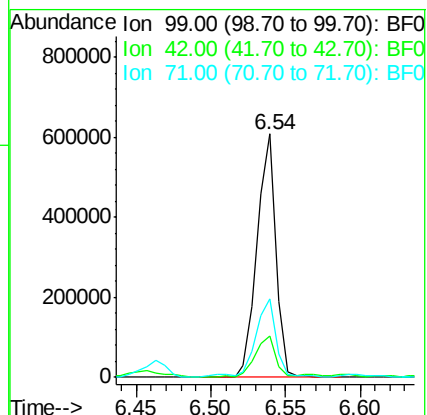
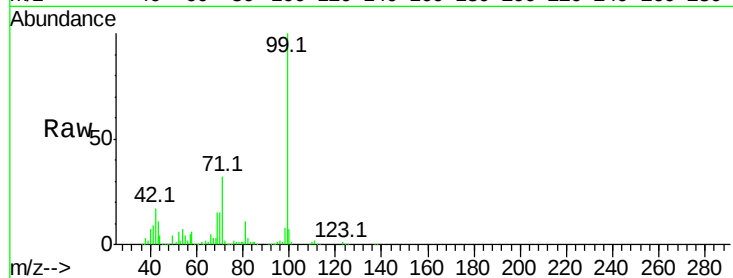
Tot Ion: 99 Resp: 529435

Ion Ratio Lower Upper

99 100

42 17.1 14.5 21.7

71 32.2 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF098974.D

Acq: 30 Sep 2017 20:35

Tgt Ion: 136 Resp: 549113

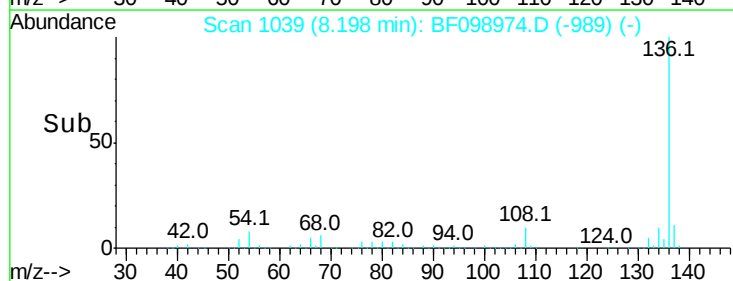
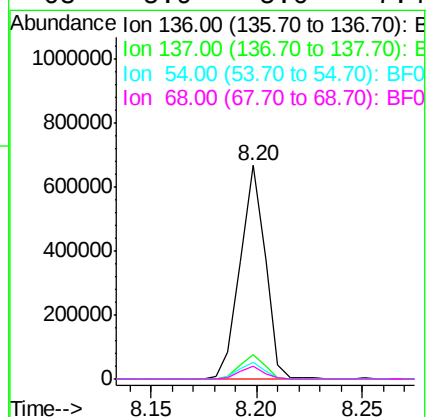
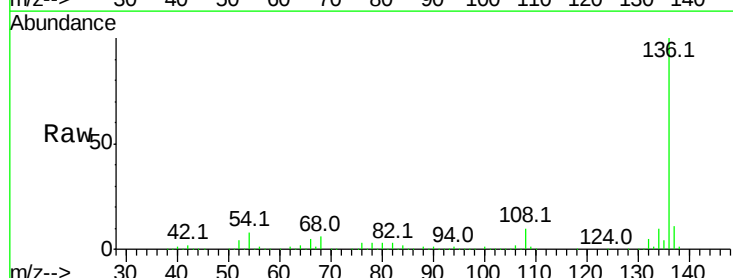
Ion Ratio Lower Upper

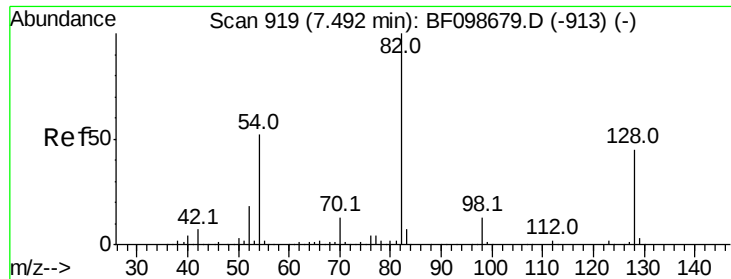
136 100

137 11.4 8.9 13.3

54 7.6 6.6 9.8

68 5.9 5.0 7.4

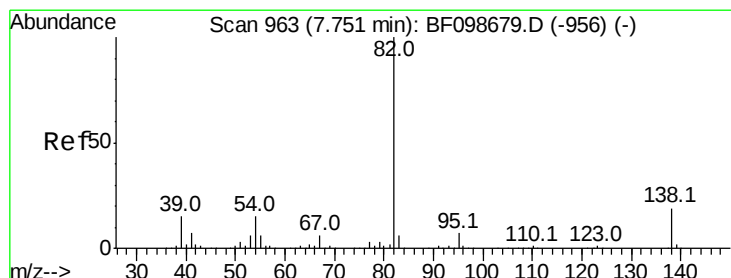
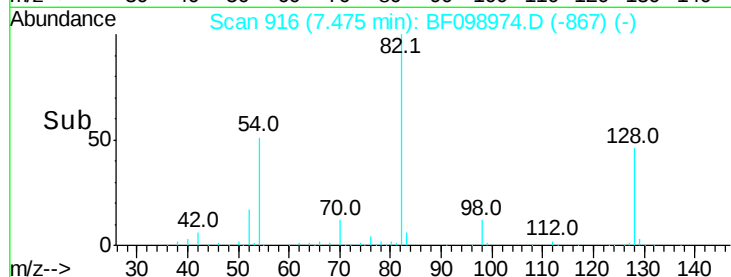
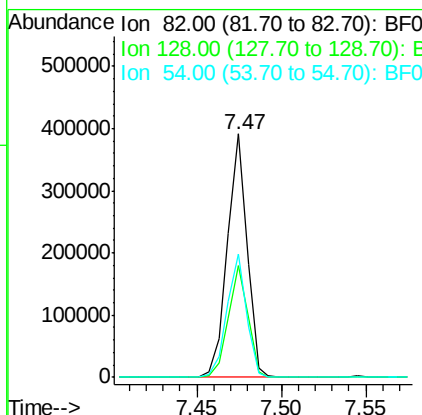
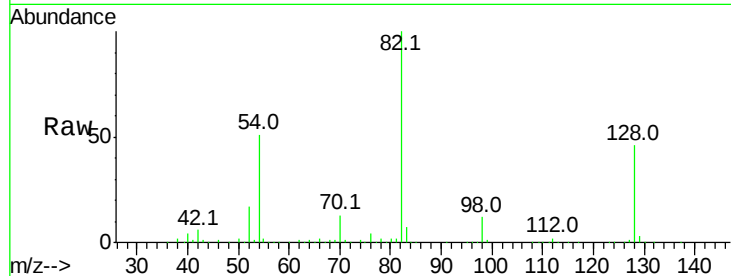




#23
 Nitrobenzene-d5
 Concen: 36.737 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF098974.D
 Acq: 30 Sep 2017 20:35

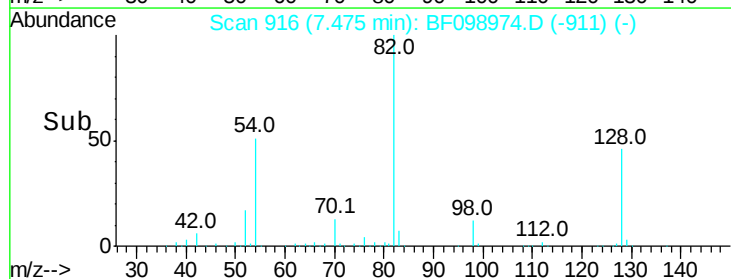
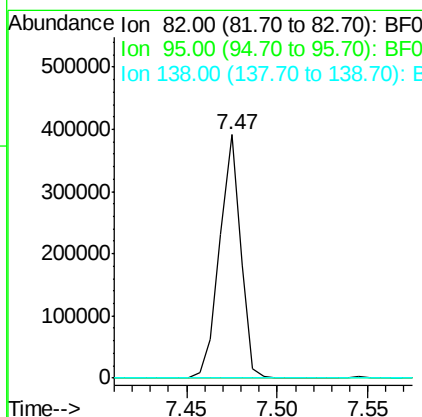
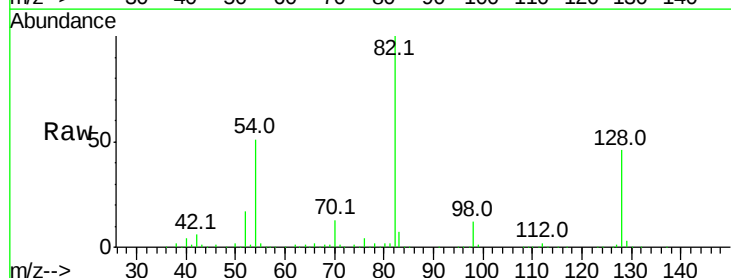
Instrument :
 BNA_F
 ClientSampleId :

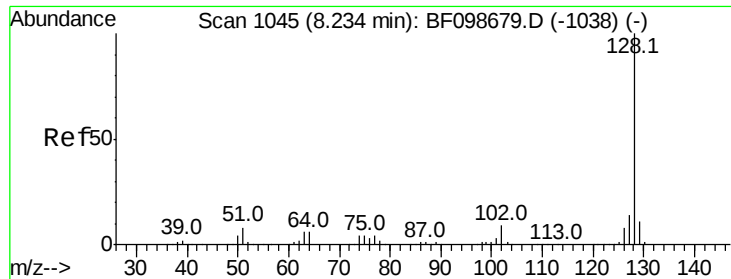
Tot Ion: 82 Resp: 314562
 Ion Ratio Lower Upper
 82 100
 128 46.0 36.1 54.1
 54 50.9 41.4 62.2



#25
 Isophorone
 Concen: 17.733 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.27 min
 Lab File: BF098974.D
 Acq: 30 Sep 2017 20:35

Tgt Ion: 82 Resp: 313935
 Ion Ratio Lower Upper
 82 100
 95 0.3 5.2 7.8#
 138 0.0 14.9 22.3#

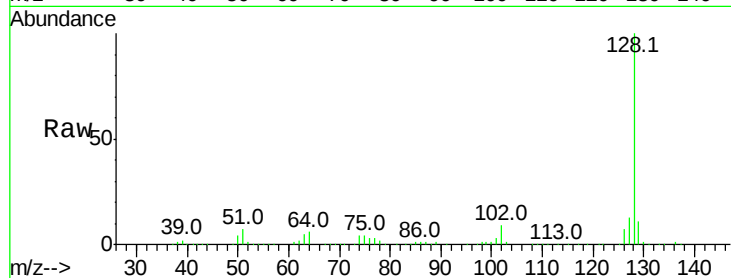




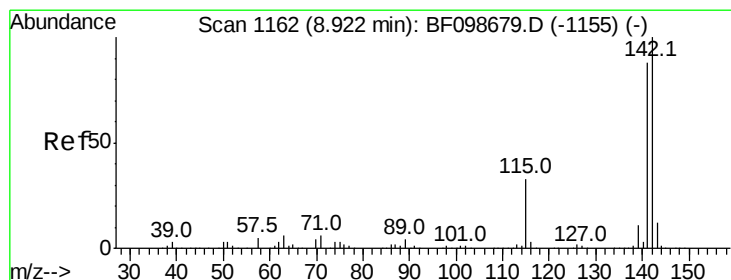
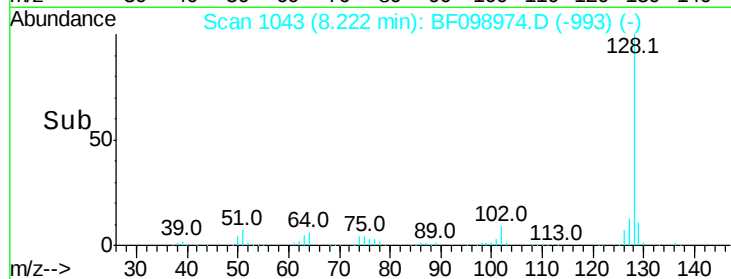
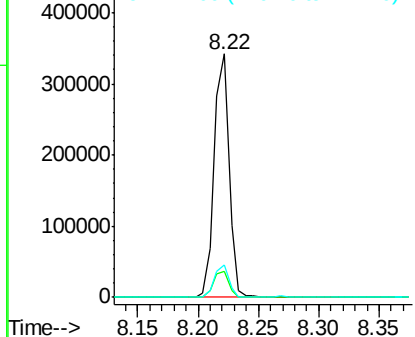
#31
Naphthalene
Concen: 11.258 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF098974.D
Acq: 30 Sep 2017 20:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 290332
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.1 10.9 16.3

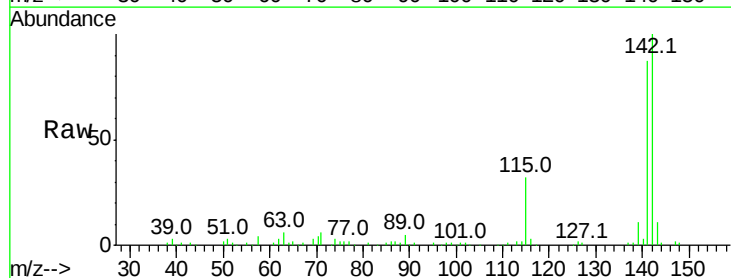


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

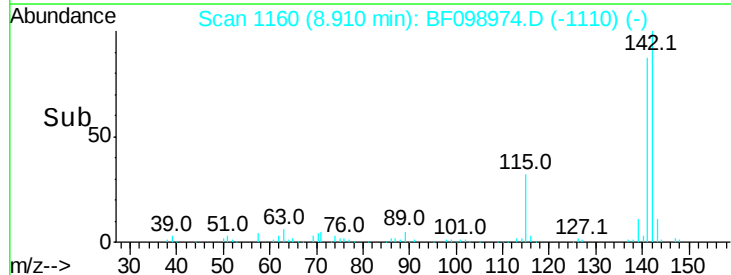
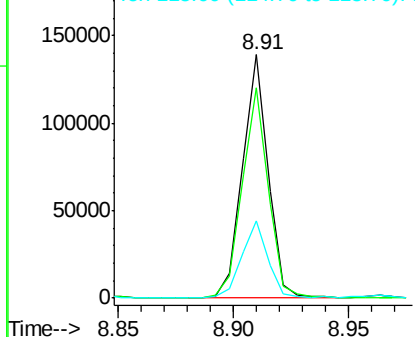


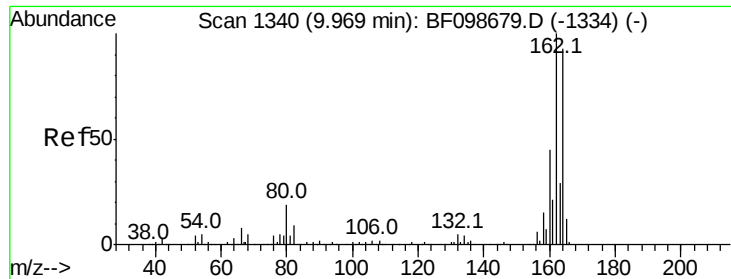
#37
2-Methylnaphthalene
Concen: 6.470 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF098974.D
Acq: 30 Sep 2017 20:35

Tgt Ion:142 Resp: 108475
Ion Ratio Lower Upper
142 100
141 86.6 70.8 106.2
115 31.8 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

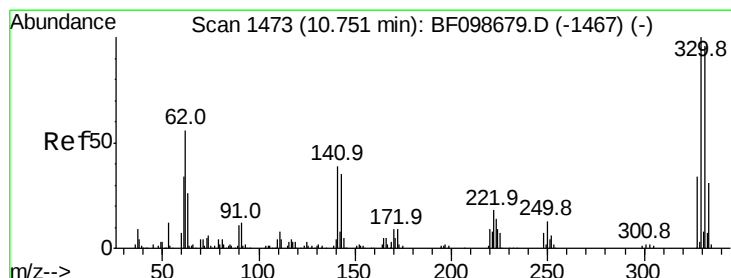
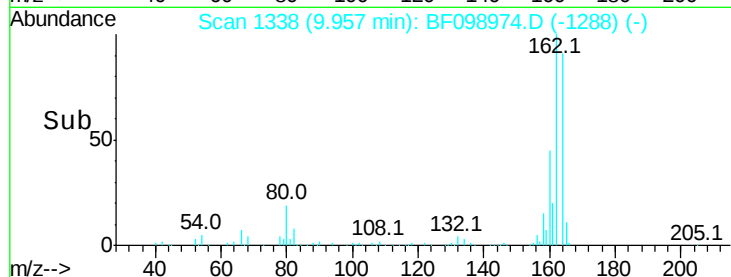
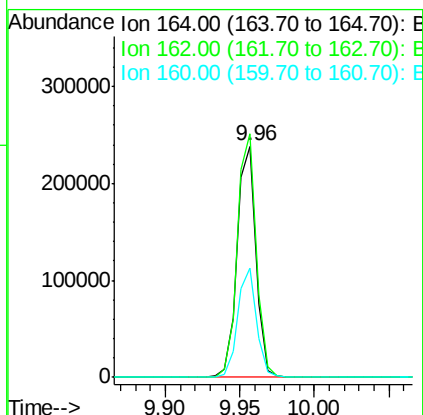
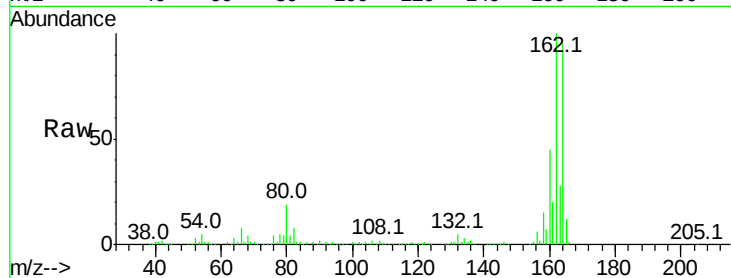




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF098974.D
 Acq: 30 Sep 2017 20:35

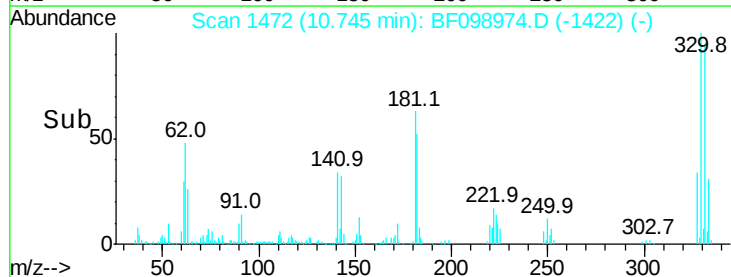
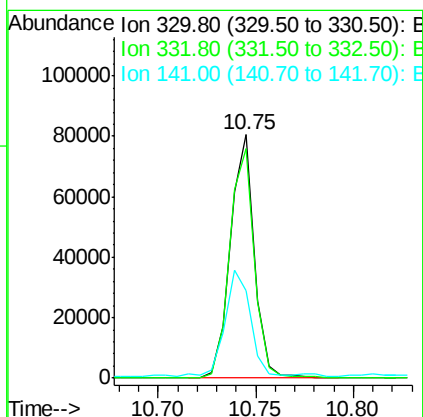
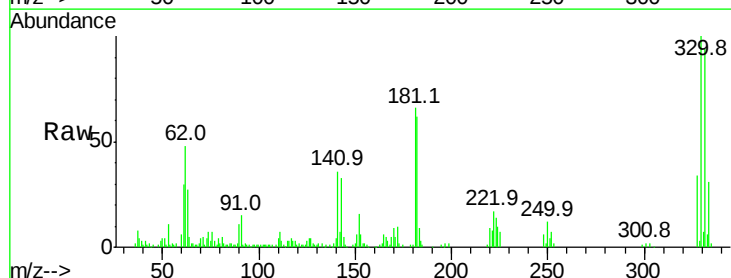
Instrument :
 BNA_F
 ClientSampleId :

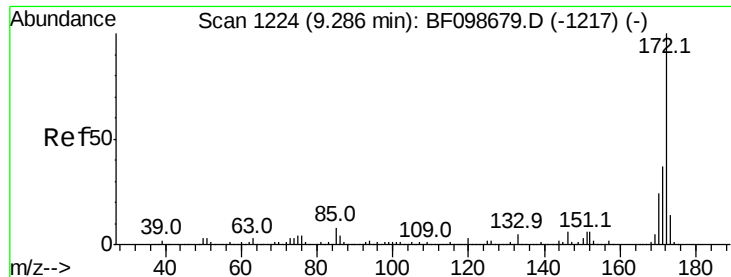
Tot Ion:164 Resp: 212891
 Ion Ratio Lower Upper
 164 100
 162 105.3 86.1 129.1
 160 47.1 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 39.199 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098974.D
 Acq: 30 Sep 2017 20:35

Tgt Ion:330 Resp: 68286
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 47.3 29.9 44.9#

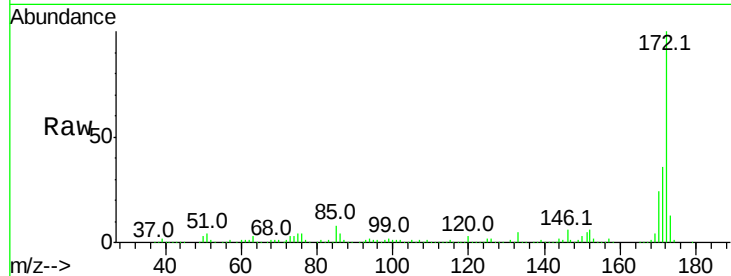




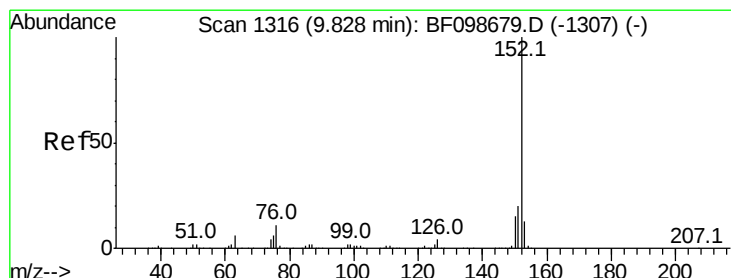
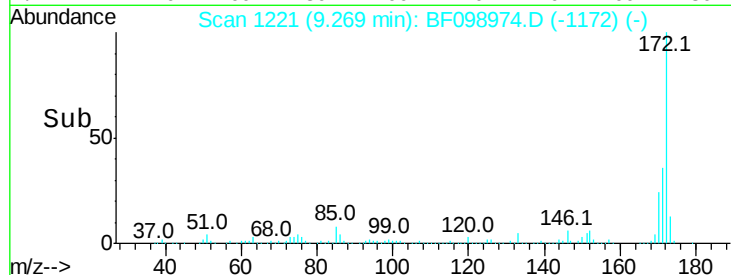
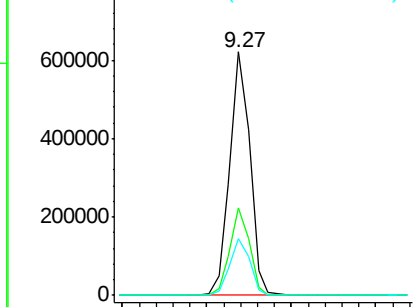
#44
 2-Fluorobiphenyl
 Concen: 40.481 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098974.D
 Acq: 30 Sep 2017 20:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 516230
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 23.5 19.6 29.4

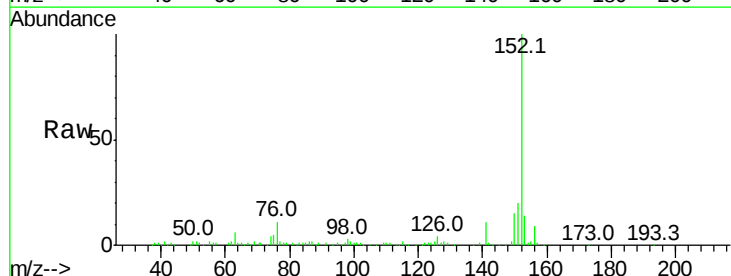


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

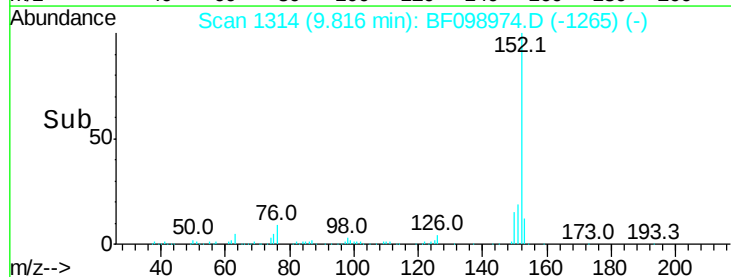
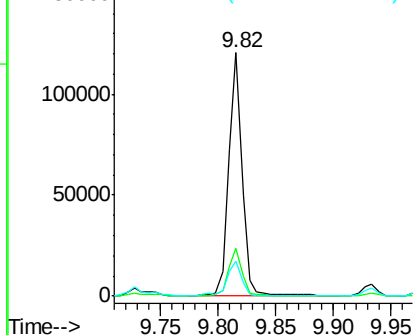


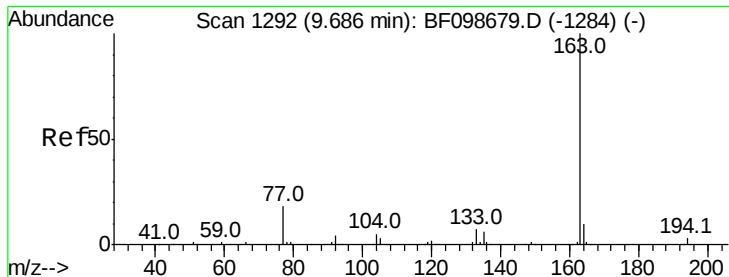
#48
 Acenaphthylene
 Concen: 4.611 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF098974.D
 Acq: 30 Sep 2017 20:35

Tgt Ion:152 Resp: 96964
 Ion Ratio Lower Upper
 152 100
 151 19.5 16.3 24.5
 153 14.2 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 5.380 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.02 min

Lab File: BF098974.D

Acq: 30 Sep 2017 20:35

Instrument :

BNA_F

ClientSampleId :

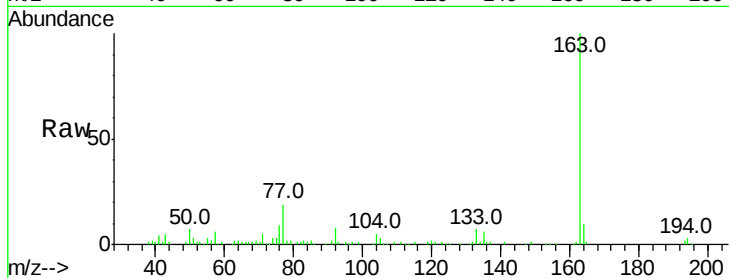
Tot Ion:163 Resp: 86447

Ion Ratio Lower Upper

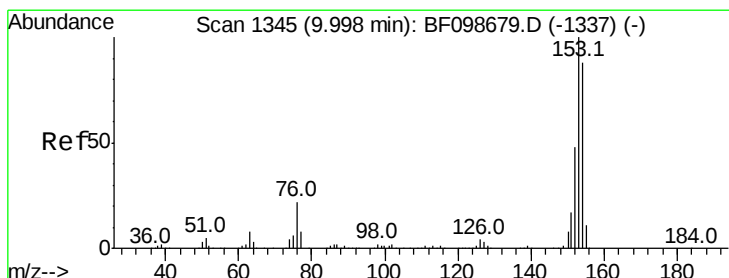
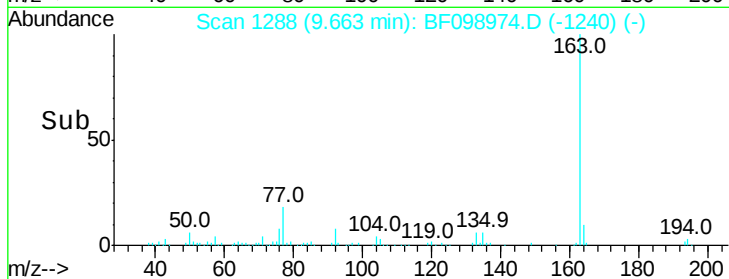
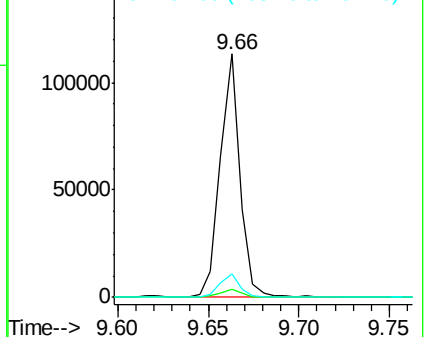
163 100

194 3.2 2.7 4.1

164 9.6 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: 12.699 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF098974.D

Acq: 30 Sep 2017 20:35

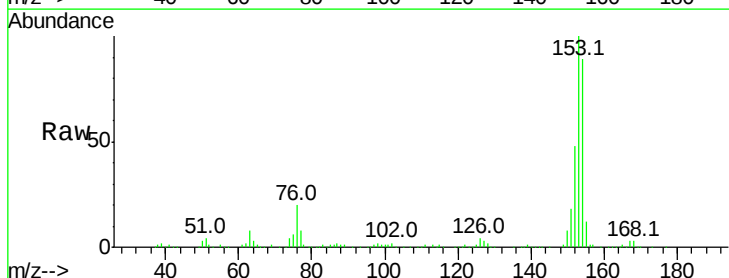
Tgt Ion:154 Resp: 169162

Ion Ratio Lower Upper

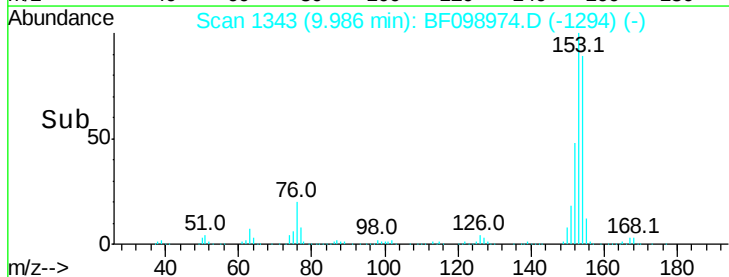
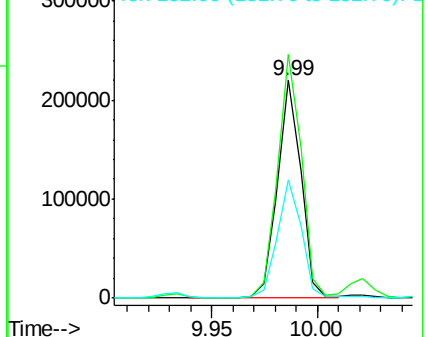
154 100

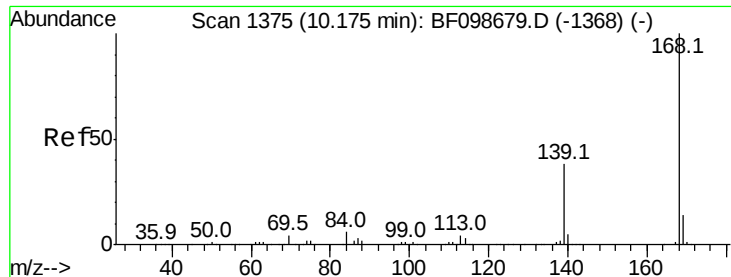
153 111.9 91.2 136.8

152 54.1 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





#54

Dibenzenofuran

Concen: 9.511 ng

RT: 10.16 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF098974.D

Acq: 30 Sep 2017 20:35

Instrument :

BNA_F

ClientSampleId :

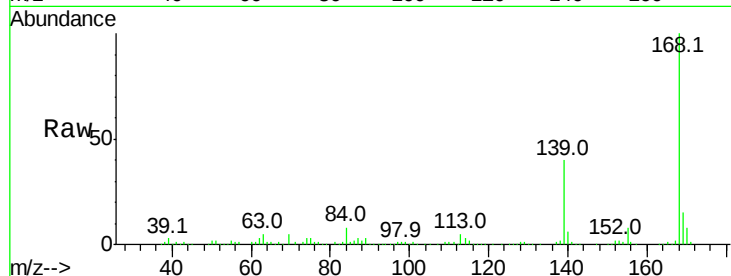
Tot Ion:168 Resp: 168691

Ion Ratio Lower Upper

168 100

139 39.7 30.1 45.1

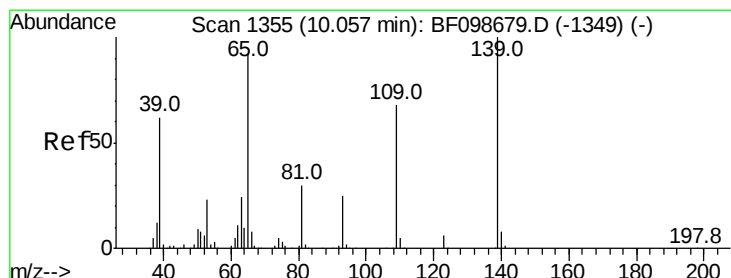
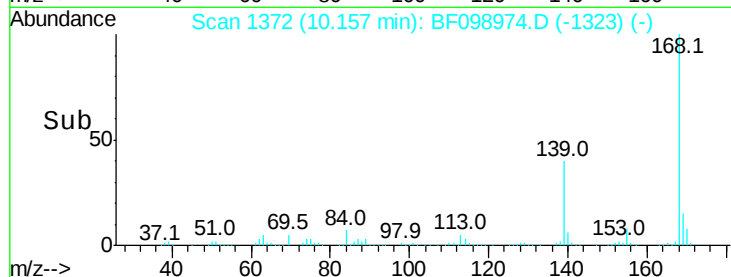
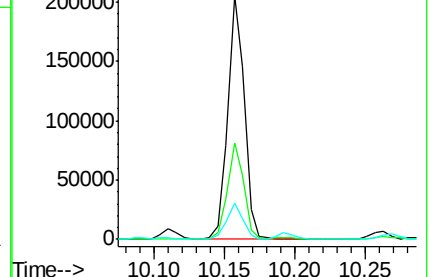
169 14.8 10.9 16.3



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



#55

4-Nitrophenol

Concen: 19.023 ng

RT: 10.16 min Scan# 1372

Delta R.T. 0.10 min

Lab File: BF098974.D

Acq: 30 Sep 2017 20:35

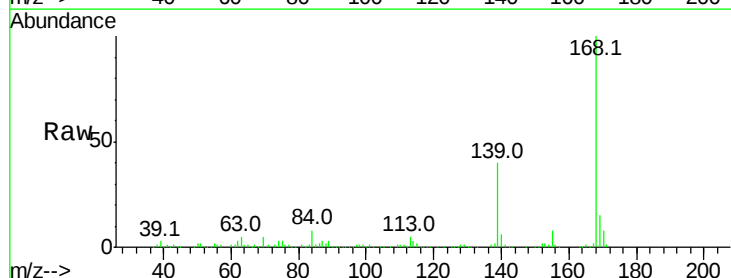
Tgt Ion:139 Resp: 65608

Ion Ratio Lower Upper

139 100

109 1.5 48.4 88.4#

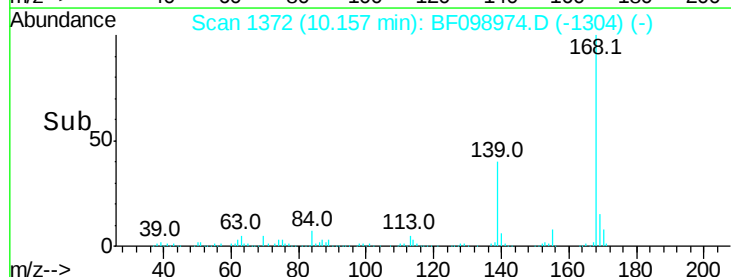
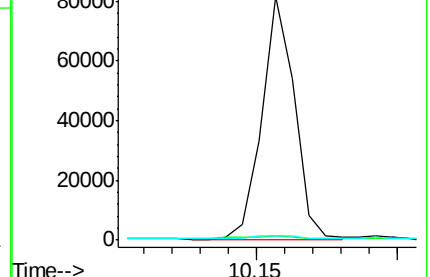
65 1.7 72.6 112.6#

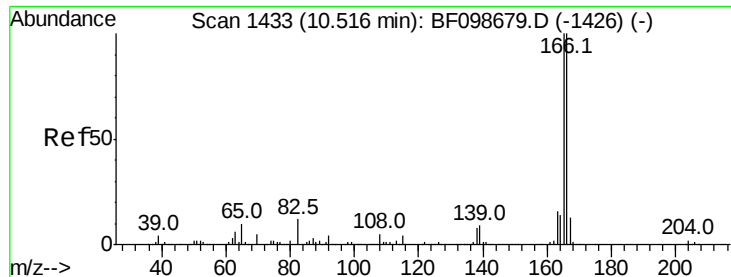


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

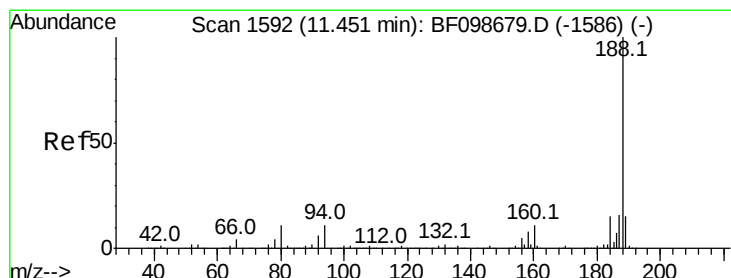
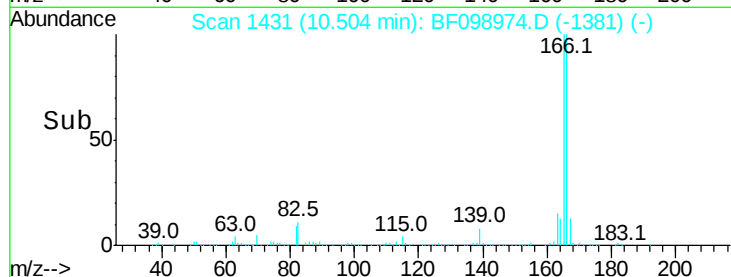
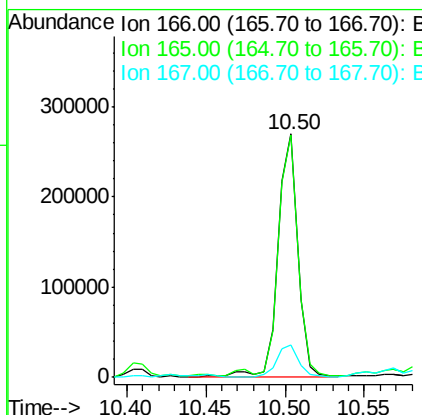
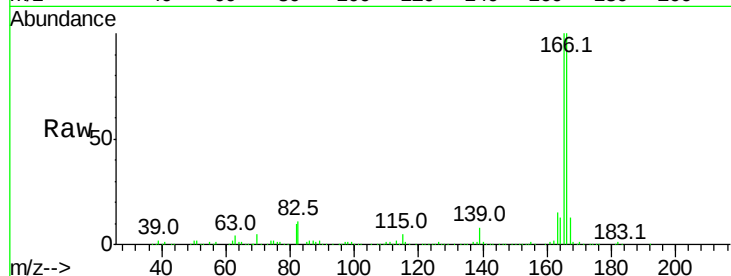




#57
 Fluorene
 Concen: 16.316 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF098974.D
 Acq: 30 Sep 2017 20:35

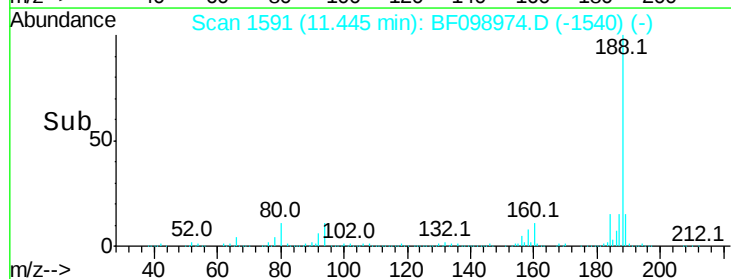
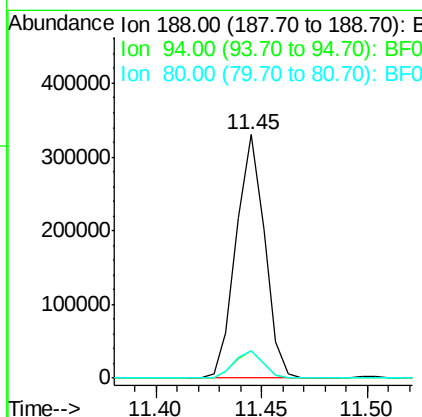
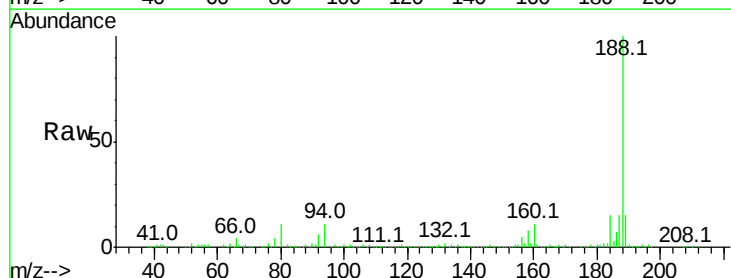
Instrument :
 BNA_F
 ClientSampleId :

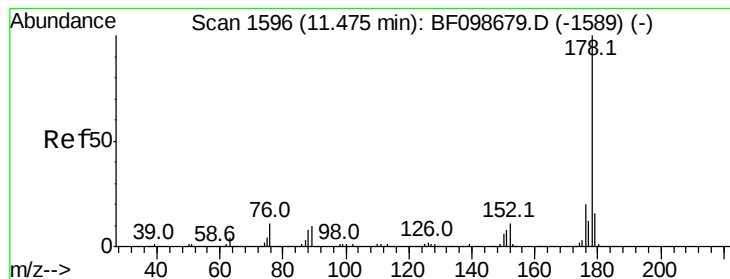
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.8	119.8
167	13.2	10.6	16.0



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: BF098974.D
 Acq: 30 Sep 2017 20:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	11.0	9.2	13.8





#70

Phenanthrene

Concen: 94.072 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF098974.D

Acq: 30 Sep 2017 20:35

Instrument :

BNA_F

ClientSampleId :

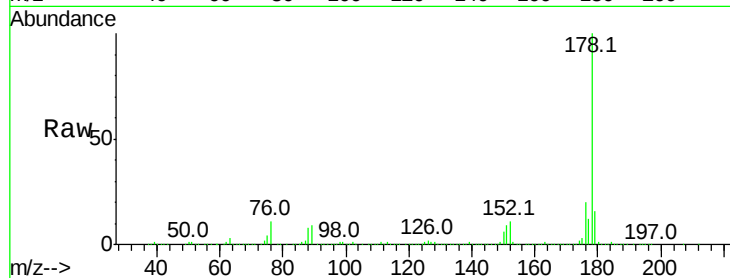
Tot Ion:178 Resp: 1554592

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

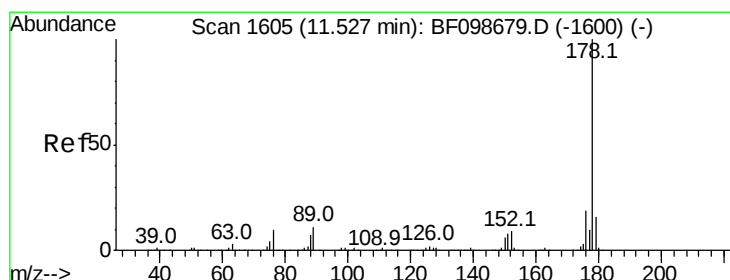
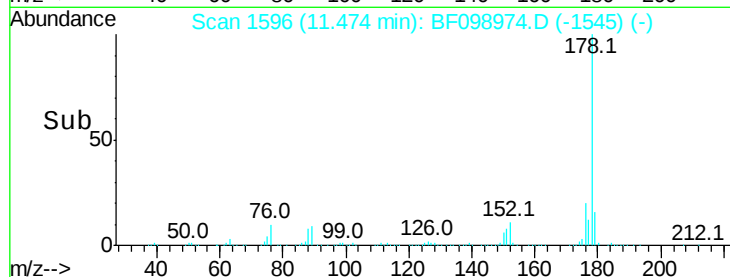
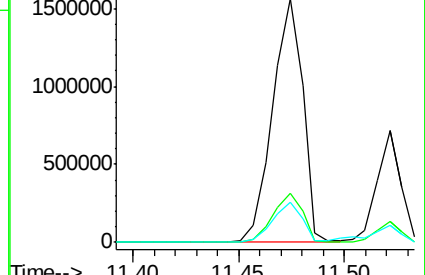
179 16.2 13.0 19.6



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: 32.128 ng

RT: 11.52 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BF098974.D

Acq: 30 Sep 2017 20:35

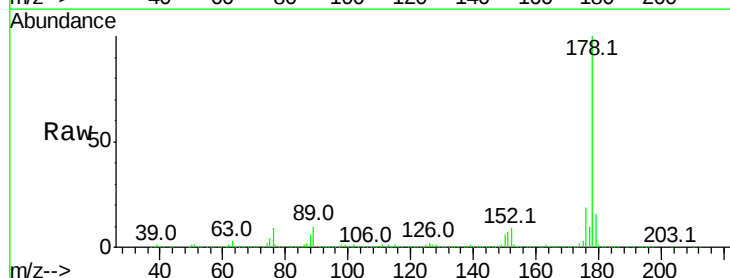
Tgt Ion:178 Resp: 543243

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

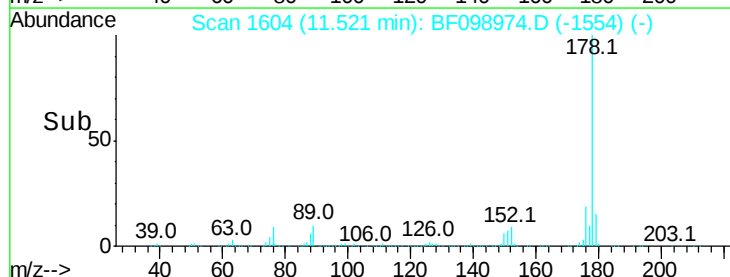
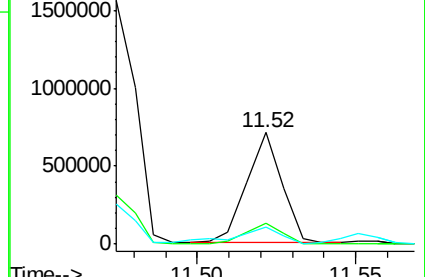
179 15.6 12.6 19.0

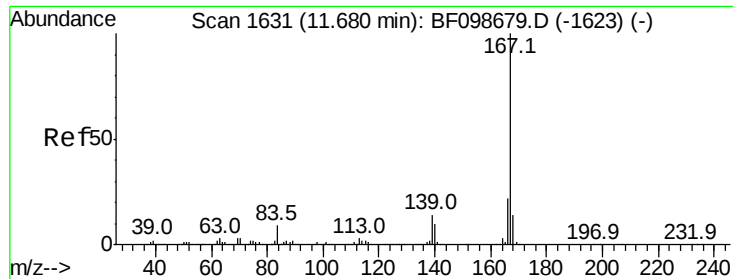


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 9.519 ng

RT: 11.67 min Scan# 1629

Delta R.T. -0.01 min

Lab File: BF098974.D

Acq: 30 Sep 2017 20:35

Instrument :

BNA_F

ClientSampleId :

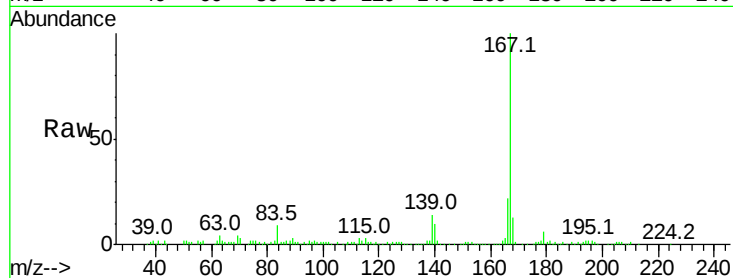
Tot Ion:167 Resp: 157613

Ion Ratio Lower Upper

167 100

166 21.7 17.6 26.4

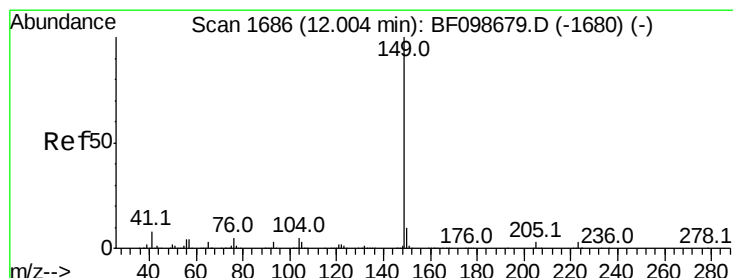
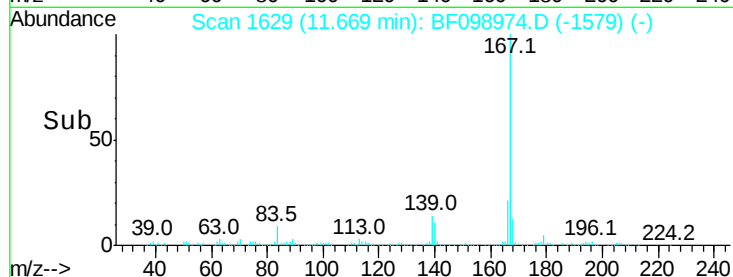
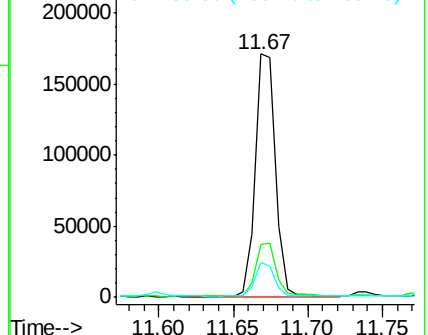
139 14.2 10.9 16.3



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



#73

Di-n-butylphthalate

Concen: 80.407 ng

RT: 12.00 min Scan# 1685

Delta R.T. -0.01 min

Lab File: BF098974.D

Acq: 30 Sep 2017 20:35

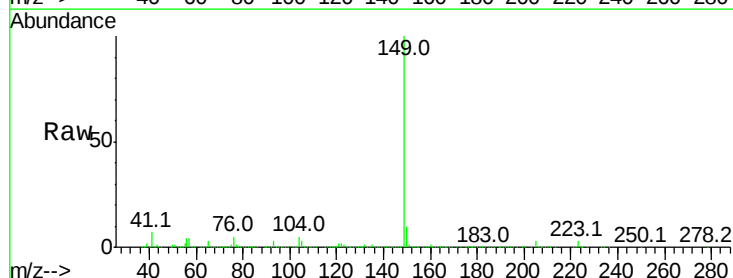
Tgt Ion:149 Resp: 1602575

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

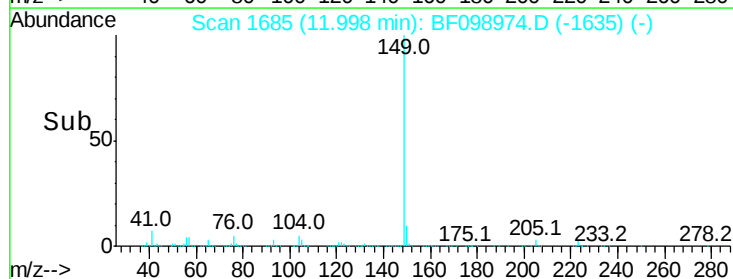
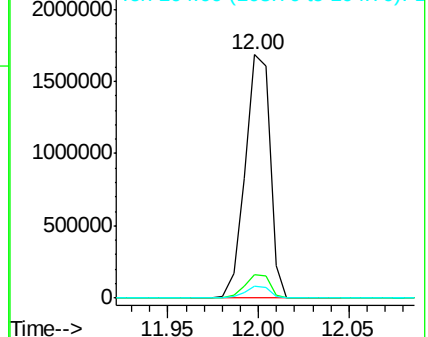
104 4.8 3.8 5.8

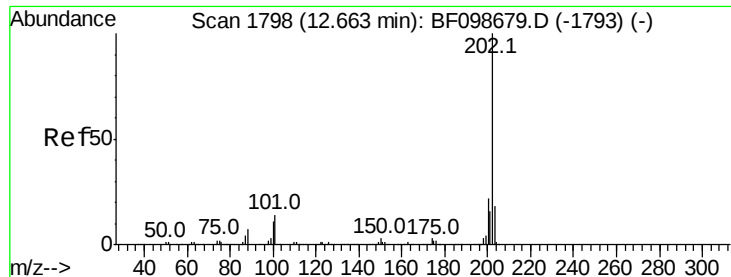


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 108.671 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.01 min

Lab File: BF098974.D

Acq: 30 Sep 2017 20:35

Instrument :

BNA_F

ClientSampleId :

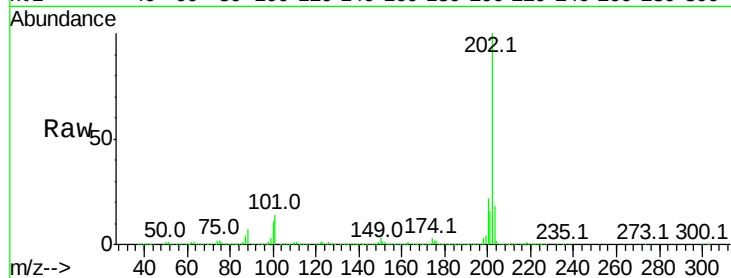
Tot Ion:202 Resp: 1818505

Ion Ratio Lower Upper

202 100

101 14.4 0.0 34.1

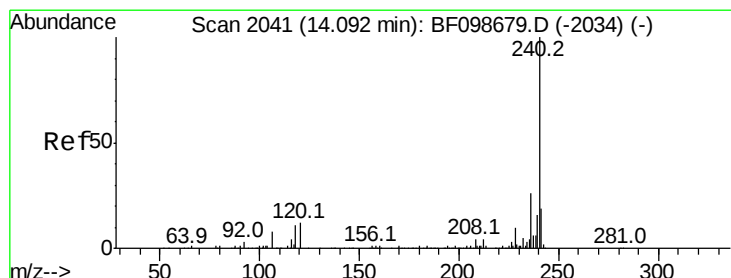
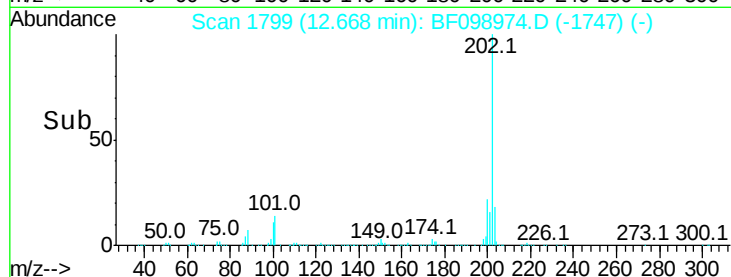
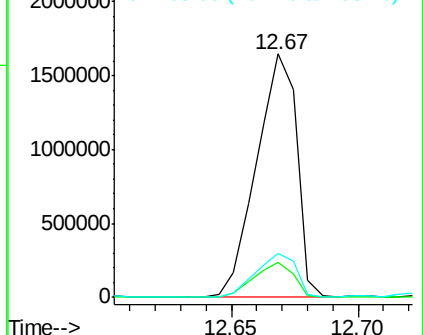
203 18.1 0.0 38.1



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: 20.000 ng

RT: 14.09 min Scan# 2041

Delta R.T. 0.01 min

Lab File: BF098974.D

Acq: 30 Sep 2017 20:35

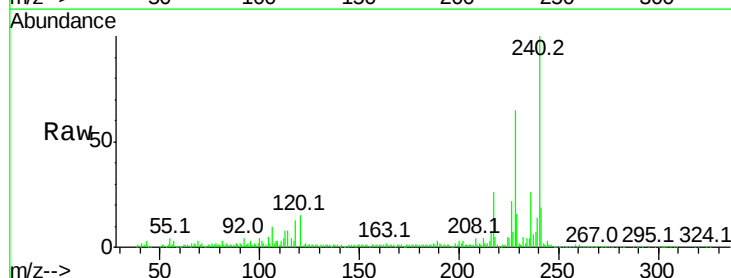
Tgt Ion:240 Resp: 243334

Ion Ratio Lower Upper

240 100

120 14.7 9.5 14.3#

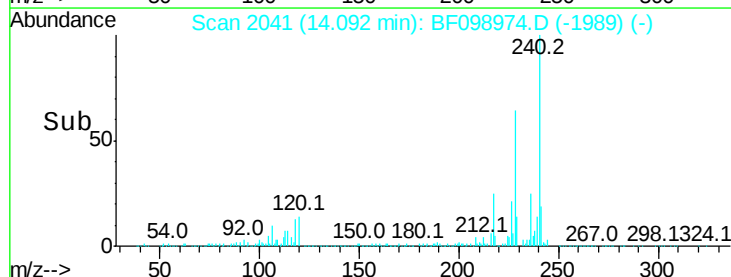
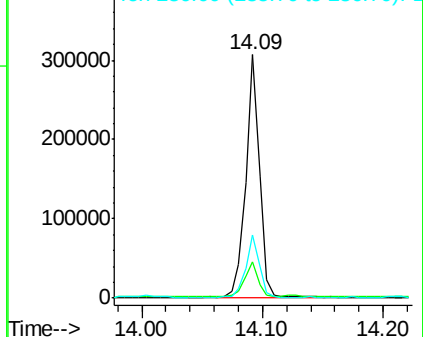
236 25.8 20.7 31.1

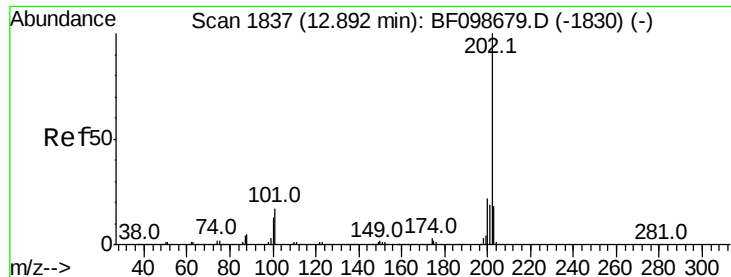


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

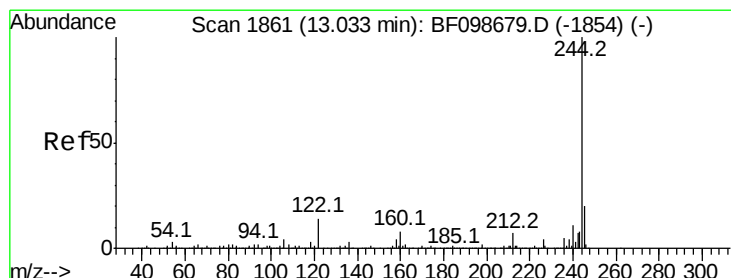
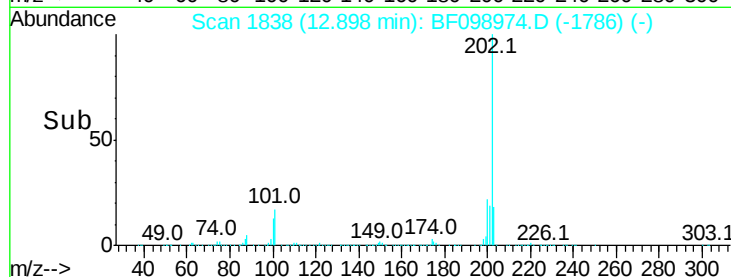
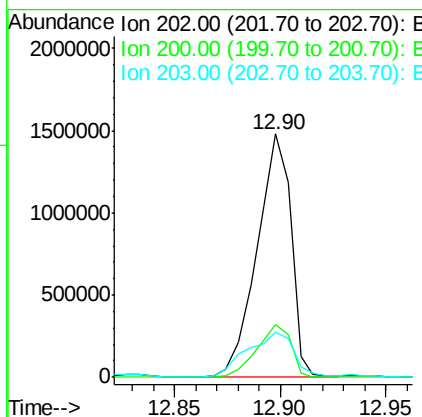
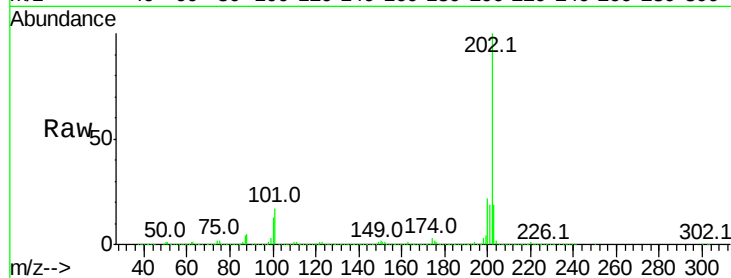




#77
Pvrene
Concen: 89.080 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.01 min
Lab File: BF098974.D
Acq: 30 Sep 2017 20:35

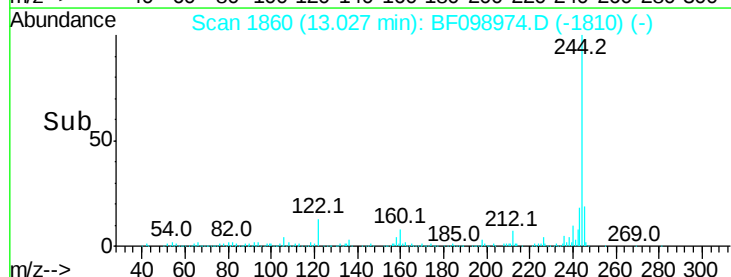
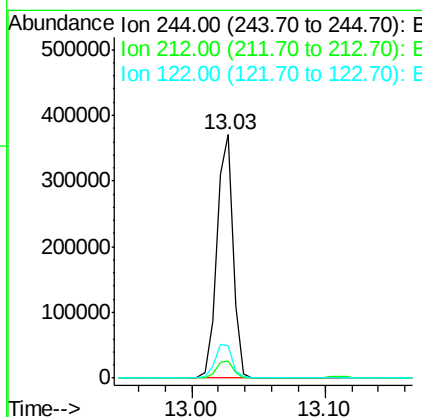
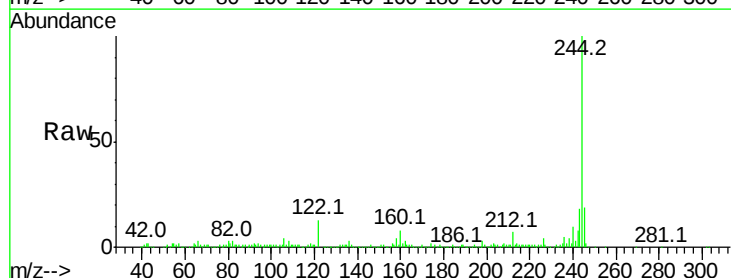
Instrument :
BNA_F
ClientSampleId :

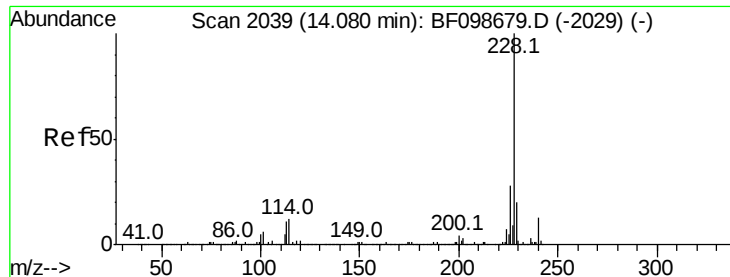
Tot Ion:202 Resp: 1652901
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 18.7 14.3 21.5



#78
Terphenyl-d14
Concen: 29.796 ng
RT: 13.03 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BF098974.D
Acq: 30 Sep 2017 20:35

Tgt Ion:244 Resp: 318808
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 13.3 11.0 16.4

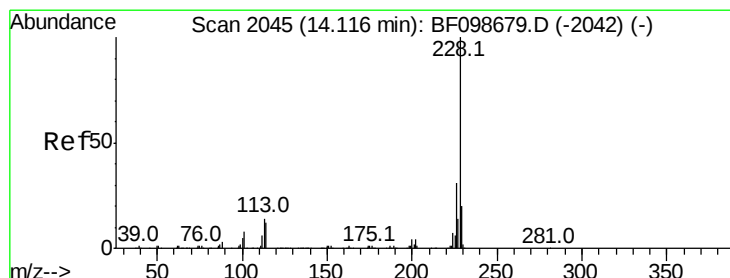
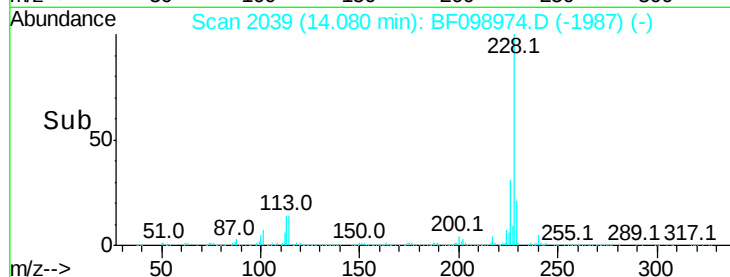
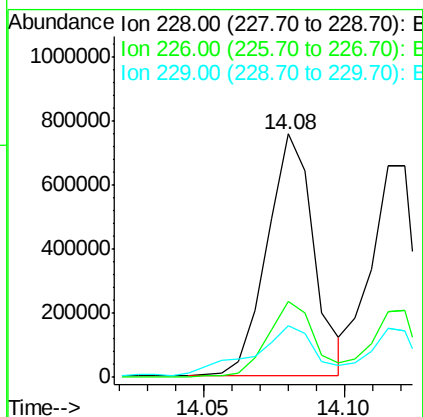
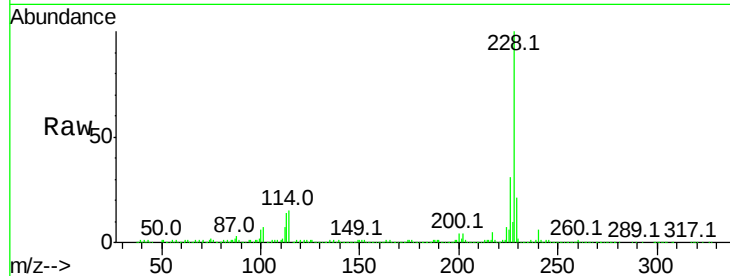




#80
Benzo(a)anthracene
Concen: 59.057 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BF098974.D
Acq: 30 Sep 2017 20:35

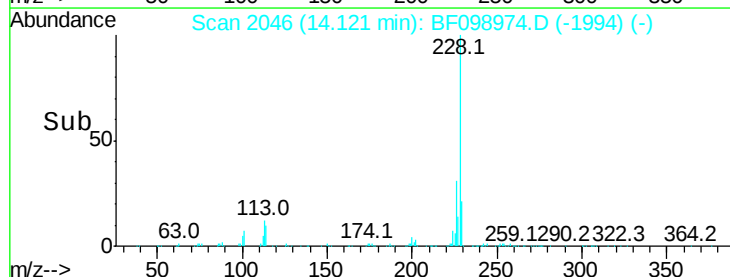
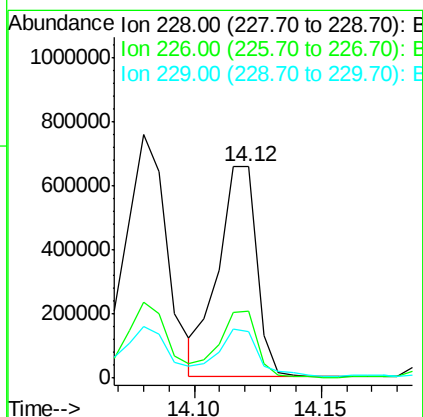
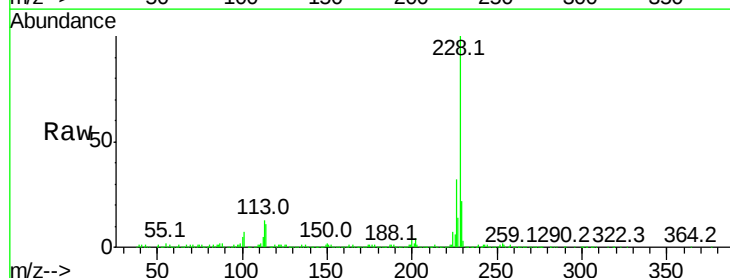
Instrument :
BNA_F
ClientSampleId :

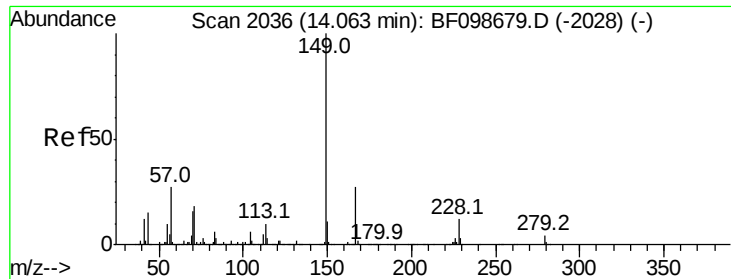
Tot Ion:228 Resp: 870174
Ion Ratio Lower Upper
228 100
226 31.4 22.6 33.8
229 21.3 15.8 23.6



#82
Chrysene
Concen: 49.765 ng
RT: 14.12 min Scan# 2046
Delta R.T. 0.01 min
Lab File: BF098974.D
Acq: 30 Sep 2017 20:35

Tgt Ion:228 Resp: 698100
Ion Ratio Lower Upper
228 100
226 31.6 25.0 37.6
229 21.9 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 9.450 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF098974.D

Acq: 30 Sep 2017 20:35

Instrument :

BNA_F

ClientSampleId :

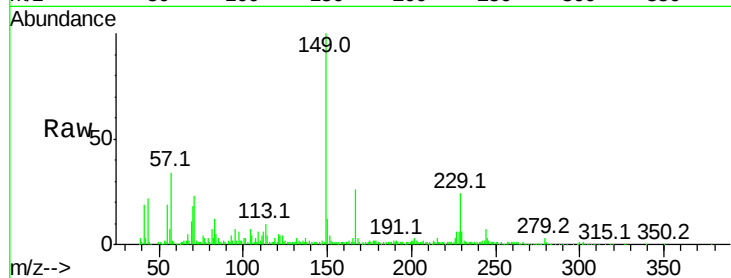
Tot Ion:149 Resp: 113474

Ion Ratio Lower Upper

149 100

167 25.8 21.3 31.9

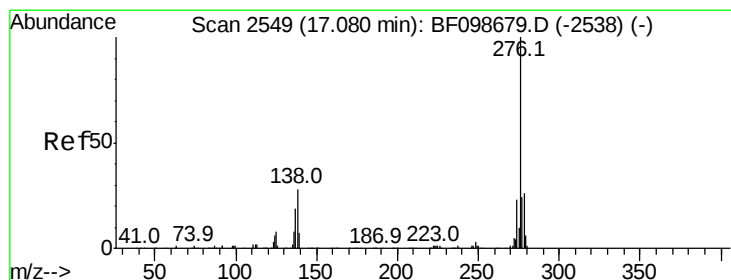
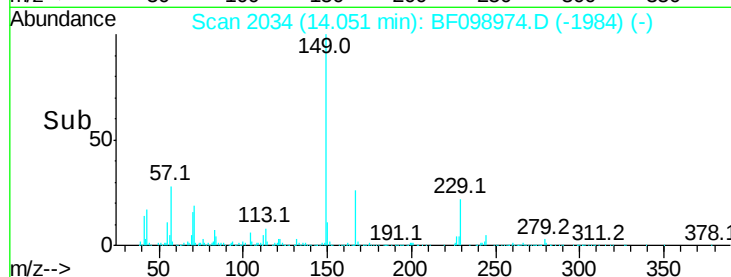
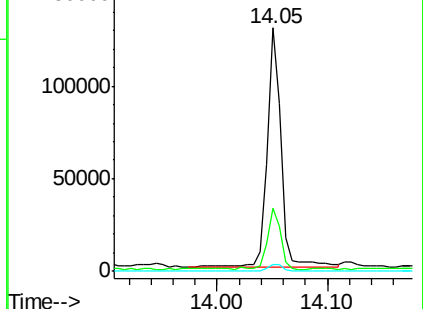
279 2.6 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 19.574 ng

RT: 17.10 min Scan# 2553

Delta R.T. 0.02 min

Lab File: BF098974.D

Acq: 30 Sep 2017 20:35

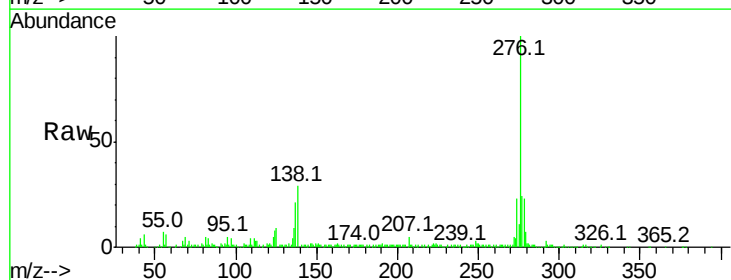
Tgt Ion:276 Resp: 219649

Ion Ratio Lower Upper

276 100

138 28.1 25.0 37.6

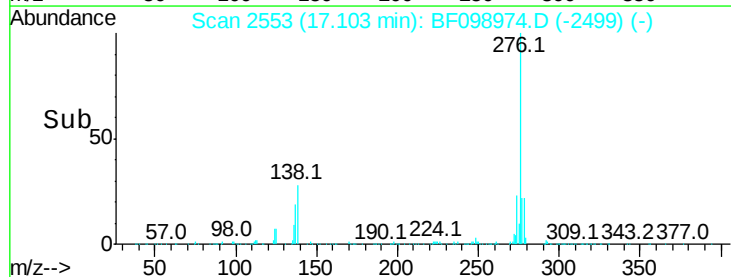
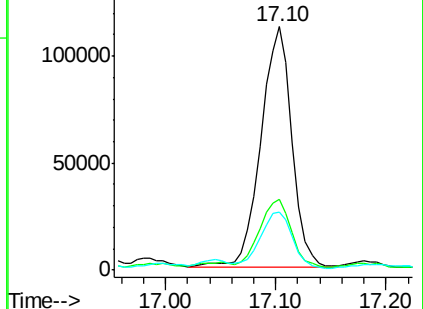
277 24.0 20.1 30.1

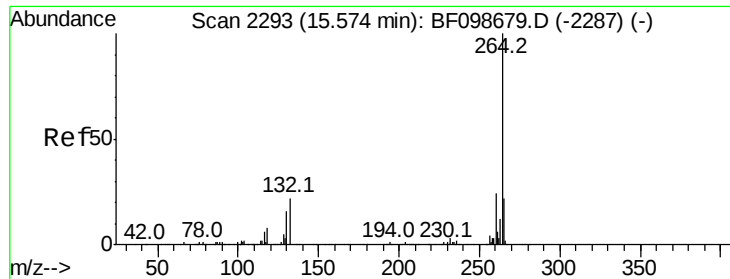


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

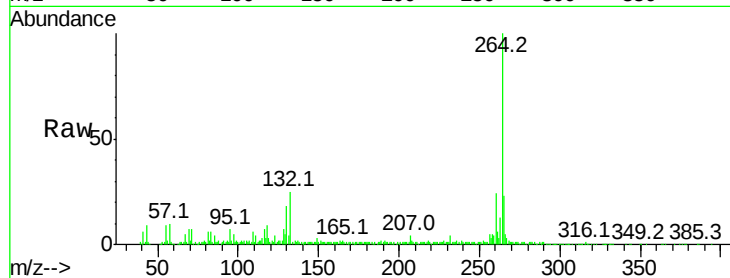




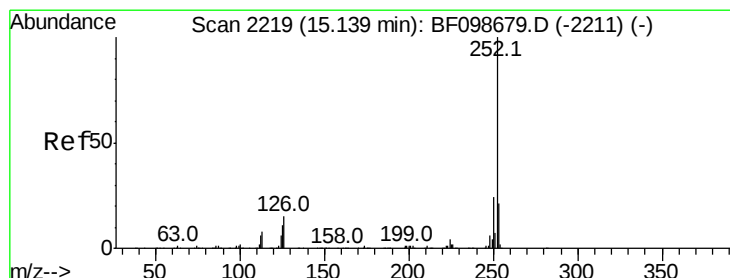
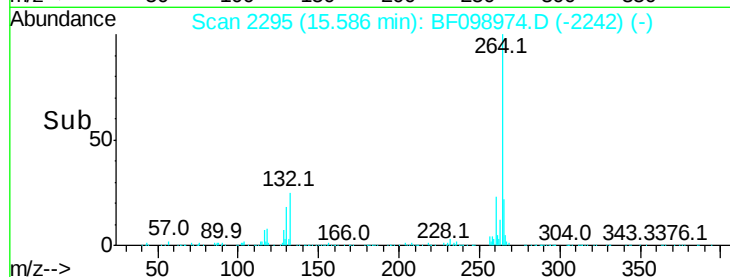
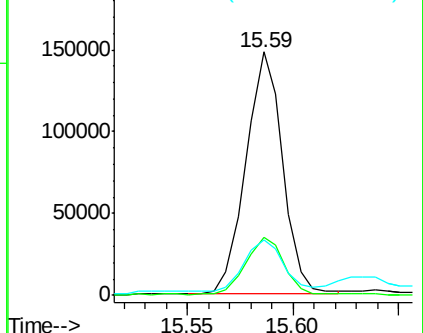
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BF098974.D
Acq: 30 Sep 2017 20:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 179132
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 22.8 17.5 26.3

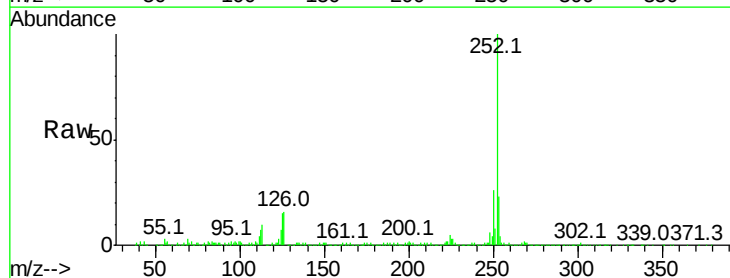


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

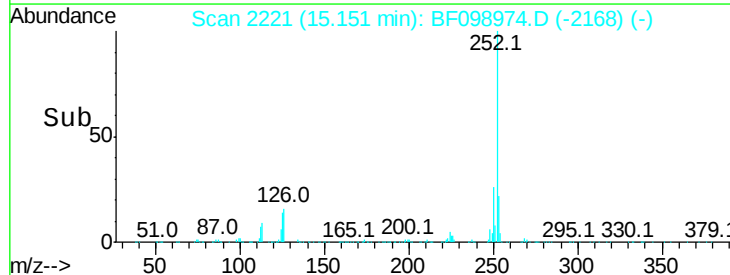
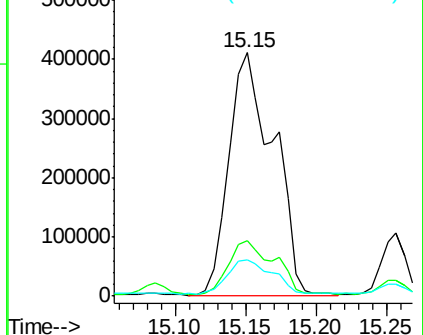


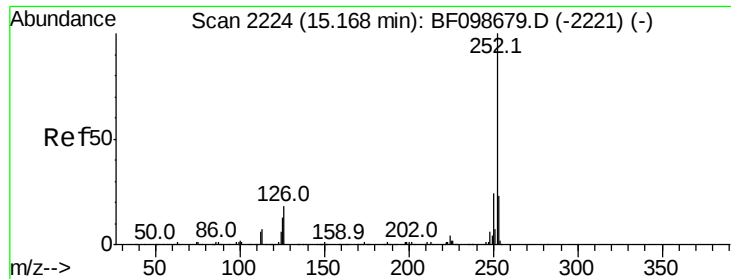
#87
Benzo(b)fluoranthene
Concen: 82.166 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.01 min
Lab File: BF098974.D
Acq: 30 Sep 2017 20:35

Tgt Ion:252 Resp: 904956
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.6
125 15.0 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

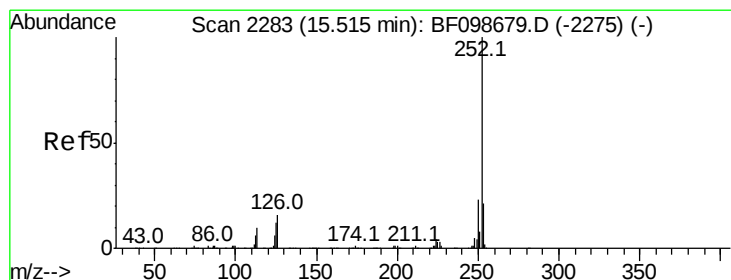
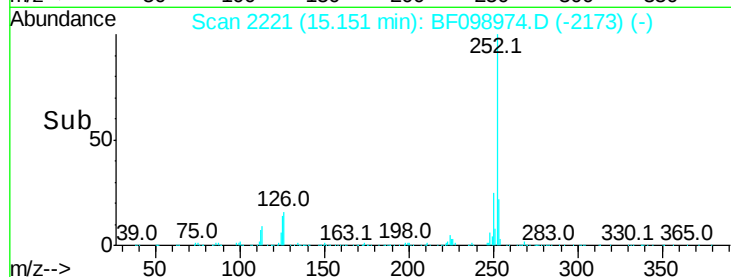
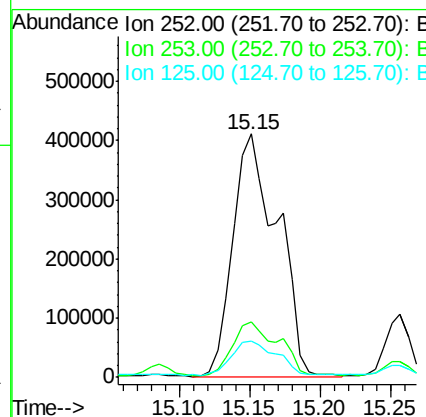
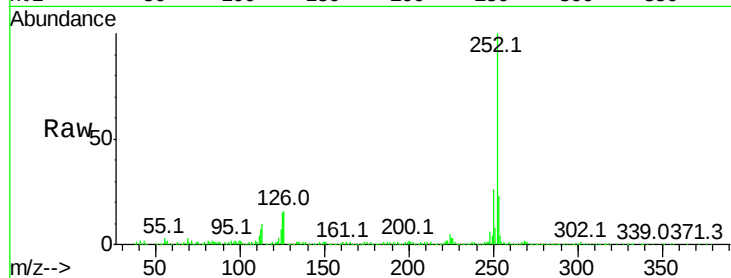




#88
Benzo(k)fluoranthene
Concen: 83.189 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF098974.D
Acq: 30 Sep 2017 20:35

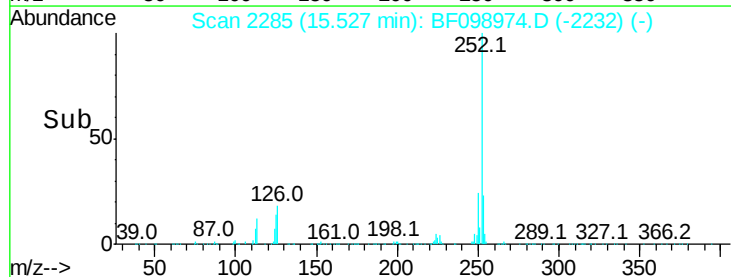
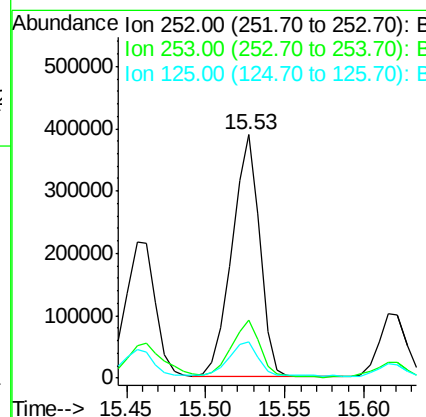
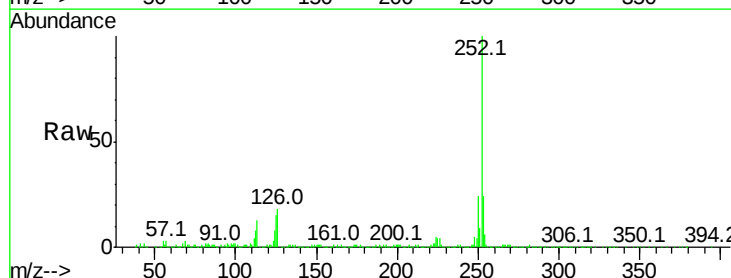
Instrument :
BNA_F
ClientSampleId :

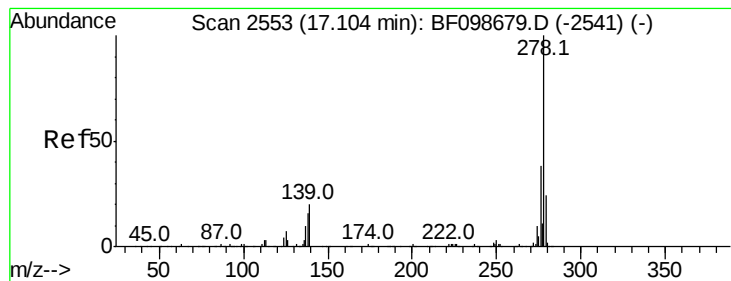
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	15.0	10.2	15.2



#89
Benzo(a)pyrene
Concen: 47.042 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.01 min
Lab File: BF098974.D
Acq: 30 Sep 2017 20:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	14.8	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 7.151 ng

RT: 17.11 min Scan# 2554

Delta R.T. 0.01 min

Lab File: BF098974.D

Acq: 30 Sep 2017 20:35

Instrument :

BNA_F

ClientSampleId :

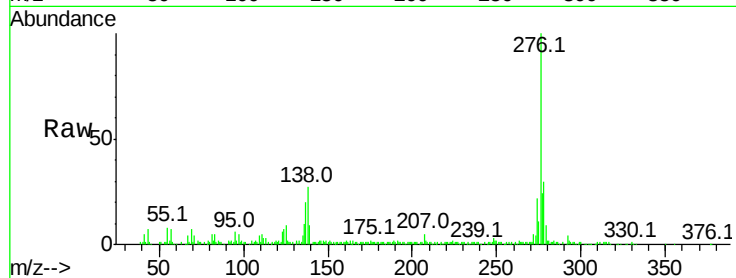
Tot Ion:278 Resp: 57858

Ion Ratio Lower Upper

278 100

139 29.2 15.9 23.9#

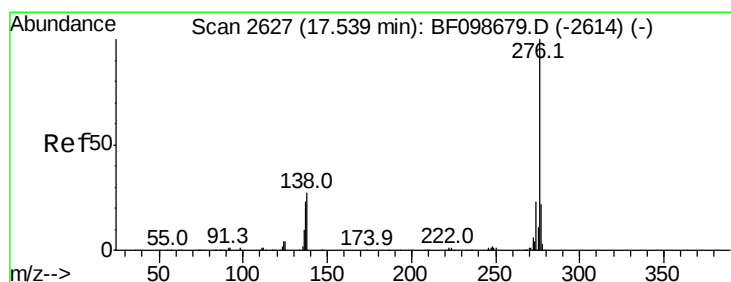
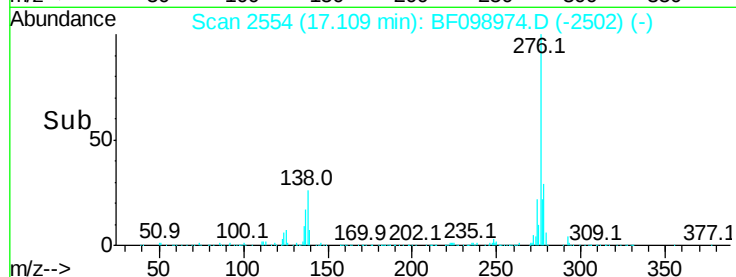
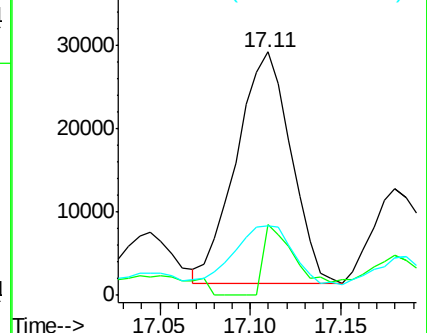
279 28.6 19.0 28.4#



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(g,h,i)perylene

Concen: 24.575 ng

RT: 17.57 min Scan# 2632

Delta R.T. 0.02 min

Lab File: BF098974.D

Acq: 30 Sep 2017 20:35

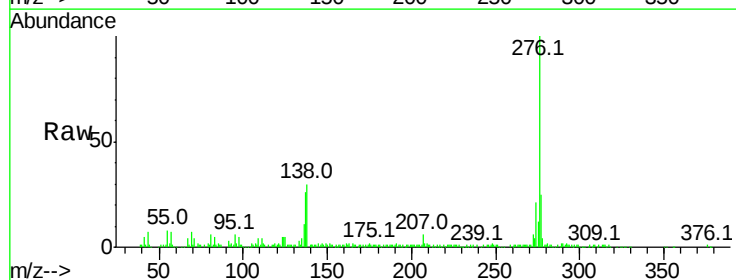
Tgt Ion:276 Resp: 196540

Ion Ratio Lower Upper

276 100

277 24.6 17.9 26.9

138 30.2 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

