

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099931.D
 Acq On : 28 Oct 2017 21:42
 Operator : SJ/JU
 Sample : I6169-01 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 02:02:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	97060	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	365816	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	144180	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	198942	20.00	ng	-0.02
75) Chrysene-d12	13.97	240	161776	20.00	ng	-0.02
86) Perylene-d12	15.43	264	164045	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	35864	5.80	ng	0.01
7) Phenol-d6	6.45	99	47196	6.44	ng	0.00
23) Nitrobenzene-d5	7.36	82	25698	4.52	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	5843	4.45	ng	-0.02
44) 2-Fluorobiphenyl	9.14	172	60249	6.45	ng	-0.02
78) Terphenyl-d14	12.89	244	36759	4.97	ng	-0.03

Target Compounds

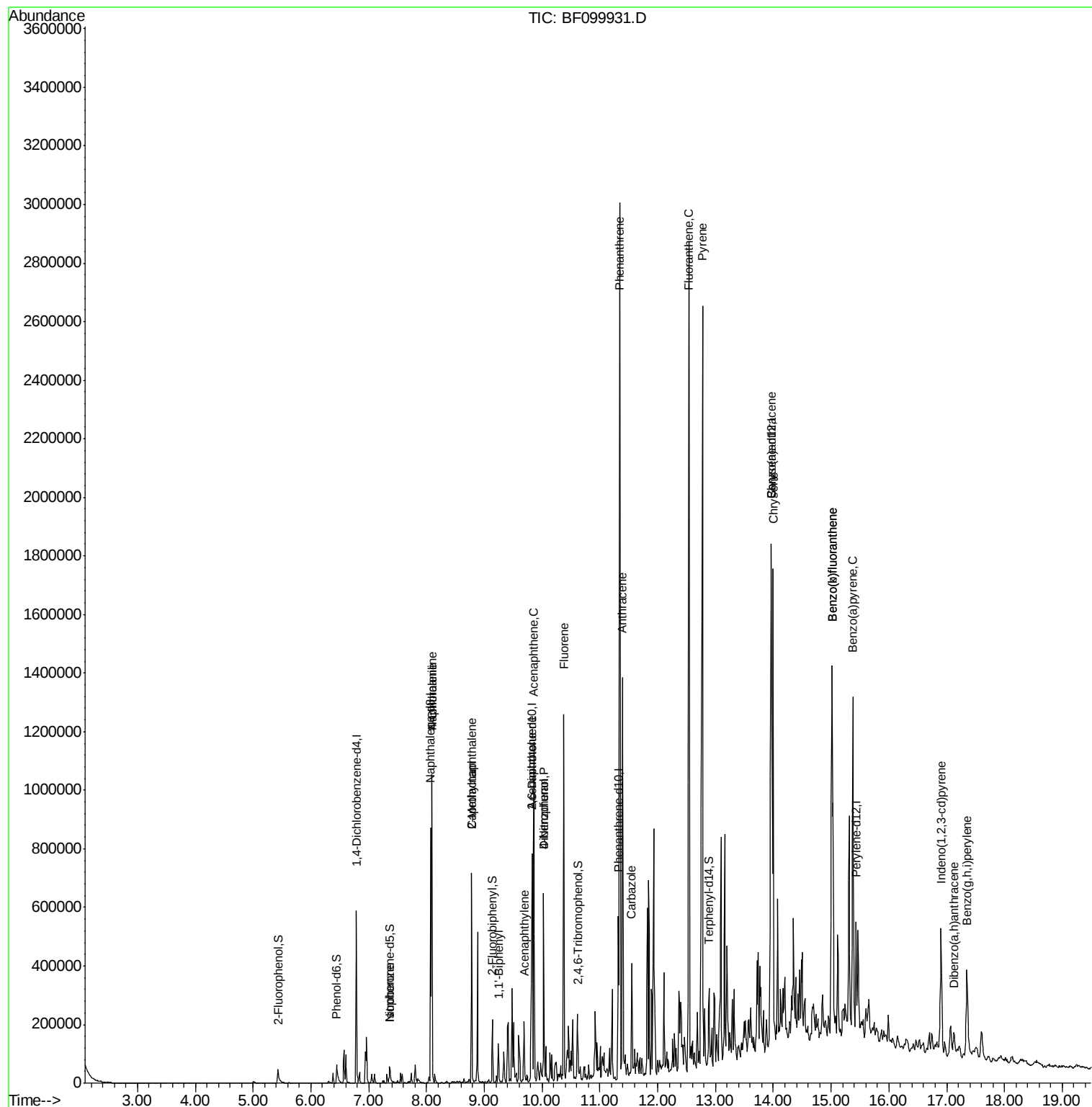
						Qvalue
25) Isophorone	7.36	82	25698	2.492	ng	# 64
31) Naphthalene	8.09	128	494930	28.028	ng	99
33) 4-Chloroaniline	8.09	127	64906	8.901	ng	# 34
35) Caprolactam	8.78	113	3561	2.256	ng	# 1
37) 2-Methylnaphthalene	8.78	142	190552	16.103	ng	97
45) 1,1'-Biphenyl	9.25	154	40731	3.123	ng	96
48) Acenaphthylene	9.69	152	65699	4.503	ng	99
50) 2,6-Dinitrotoluene	9.82	165	24254	10.105	ng	# 24
51) Acenaphthene	9.86	154	231919	26.016	ng	98
54) Dibenzofuran	10.03	168	240590	19.120	ng	99
55) 4-Nitrophenol	10.03	139	84715	57.326	ng	# 10
57) Fluorene	10.37	166	340369	32.669	ng	99
70) Phenanthrene	11.34	178	1408457	125.450	ng	99
71) Anthracene	11.39	178	529564	46.468	ng	99
72) Carbazole	11.55	167	151989	14.182	ng	98
74) Fluoranthene	12.54	202	1430529	122.606	ng	97
77) Pyrene	12.77	202	1260202	102.444	ng	99
80) Benzo(a)anthracene	13.96	228	715841	69.801	ng	98
82) Chrysene	14.00	228	610114	63.280	ng	98
85) Indeno(1,2,3-cd)pyrene	16.90	276	246876	27.892	ng	97
87) Benzo(b)fluoranthene	15.02	252	1009092	97.415	ng	# 94
88) Benzo(k)fluoranthene	15.02	252	1009092	103.307	ng	97
89) Benzo(a)pyrene	15.38	252	538668	57.890	ng	96
90) Dibenzo(a,h)anthracene	17.13	278	38198	4.620	ng	93
91) Benzo(g,h,i)perylene	17.35	276	215472	26.637	ng	# 92

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

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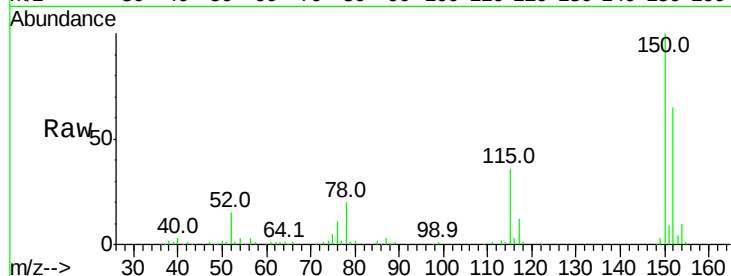


#1

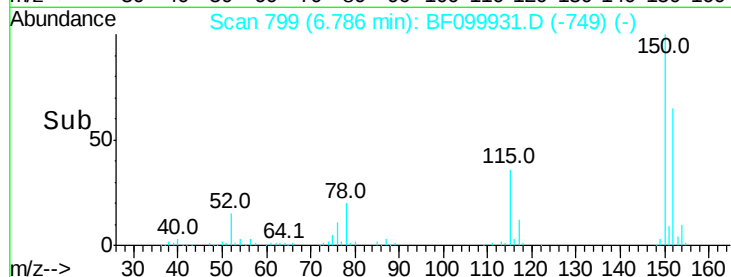
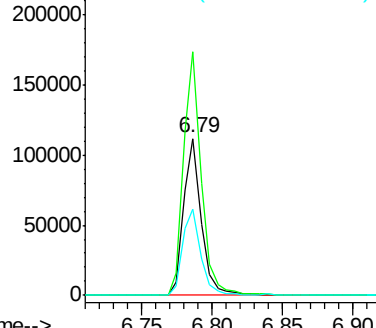
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 97060
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 55.0 50.1 75.1



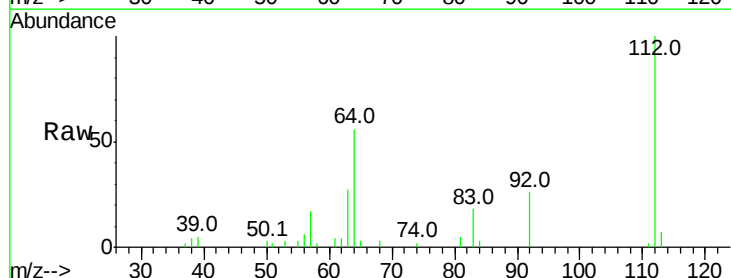
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



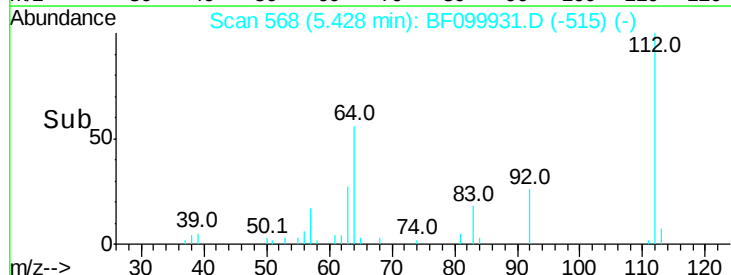
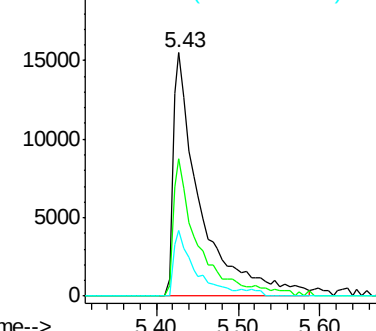
#5

2-Fluorophenol
Concen: 5.801 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Tgt Ion:112 Resp: 35864
Ion Ratio Lower Upper
112 100
64 56.3 47.9 71.9
63 27.0 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: 6.438 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF099931.D

Acq: 28 Oct 2017 21:42

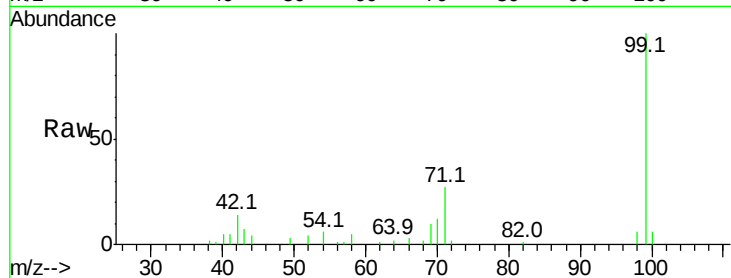
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 47196

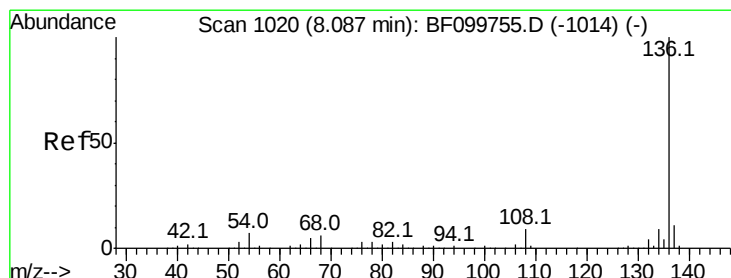
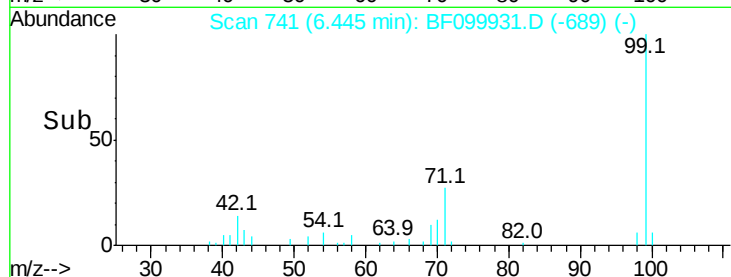
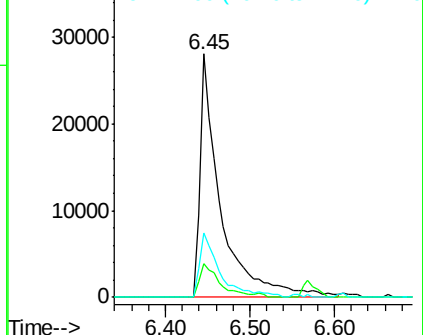
Ion	Ratio	Lower	Upper
99	100		
42	14.1	14.5	21.7#
71	26.6	25.4	38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

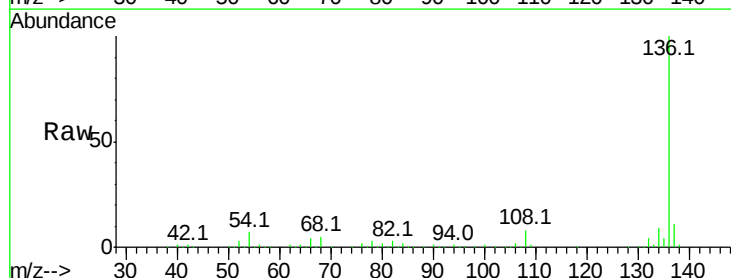
Delta R.T. -0.01 min

Lab File: BF099931.D

Acq: 28 Oct 2017 21:42

Tgt Ion: 136 Resp: 365816

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.5	6.6	9.8#
68	5.5	5.0	7.4

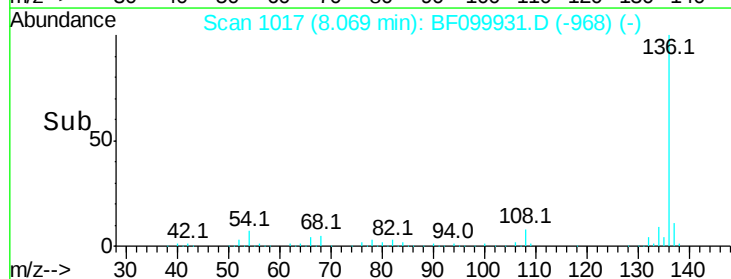
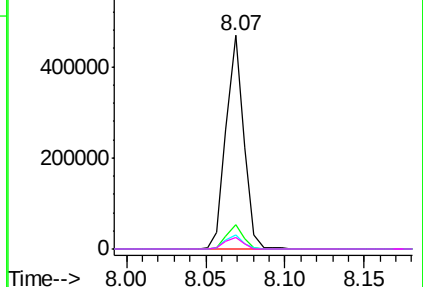


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 4.523 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF099931.D

Acq: 28 Oct 2017 21:42

Instrument :

BNA_F

ClientSampleId :

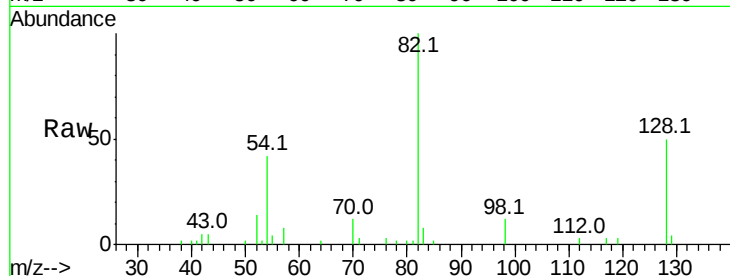
Tot Ion: 82 Resp: 25698

Ion Ratio Lower Upper

82 100

128 50.4 36.1 54.1

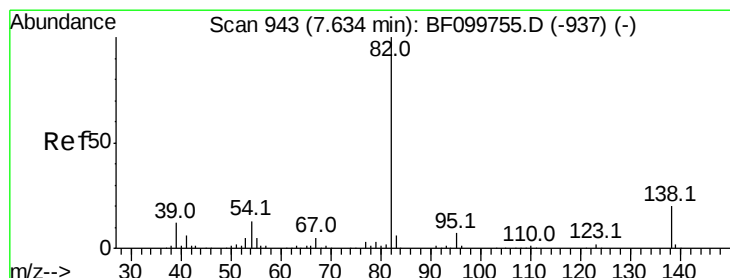
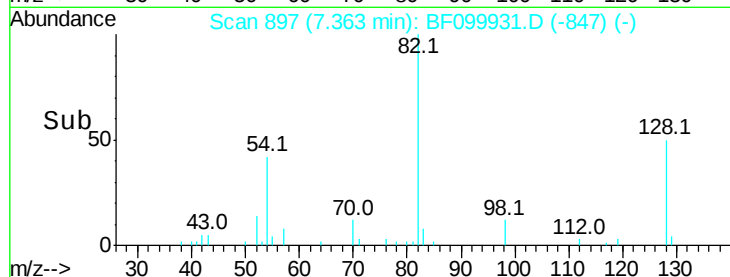
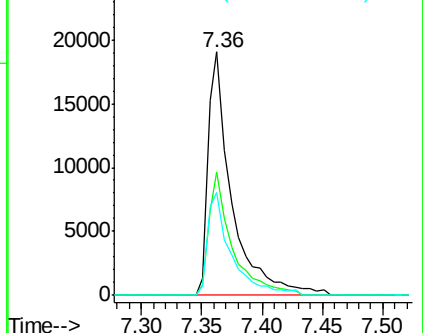
54 42.5 41.4 62.2



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: 2.492 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF099931.D

Acq: 28 Oct 2017 21:42

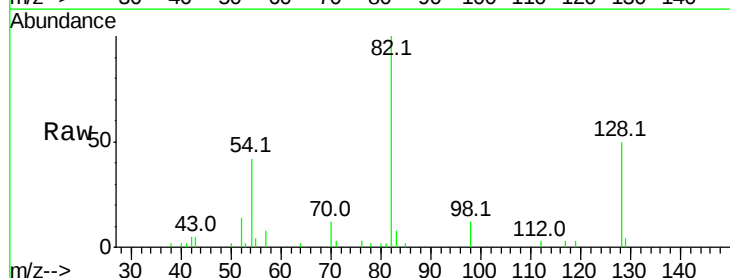
Tgt Ion: 82 Resp: 25698

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

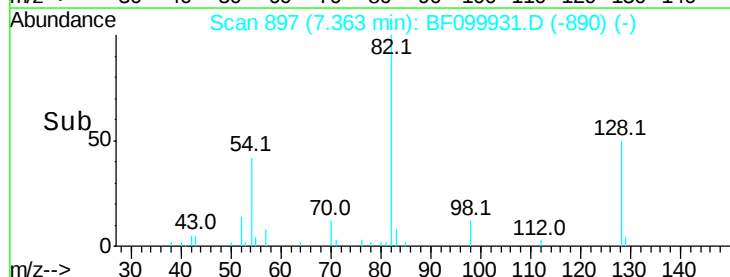
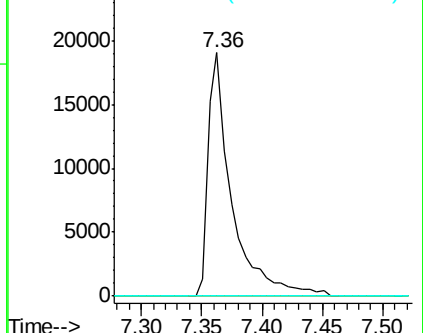
138 0.0 14.9 22.3#

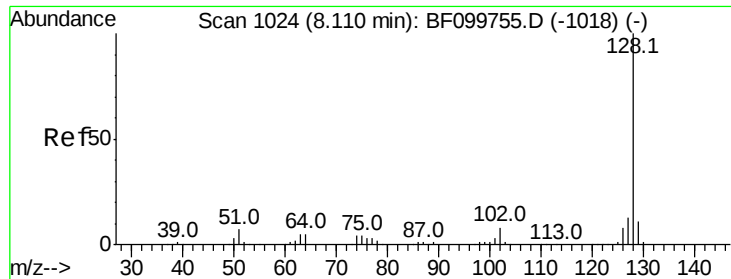


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

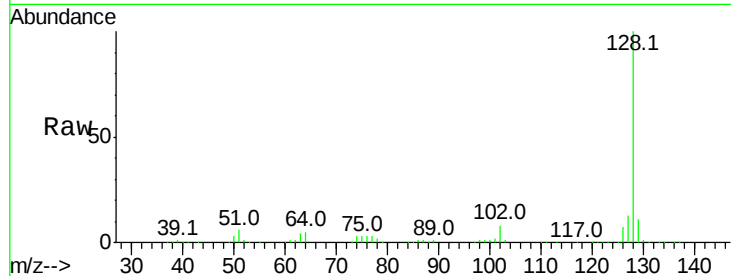




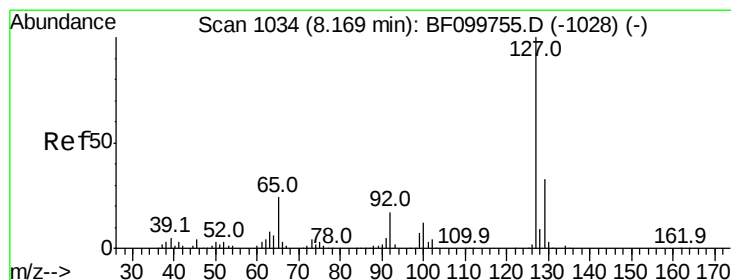
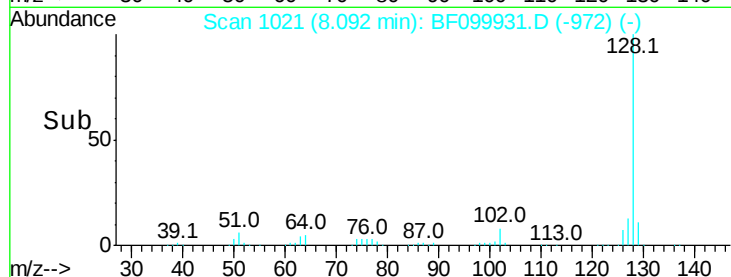
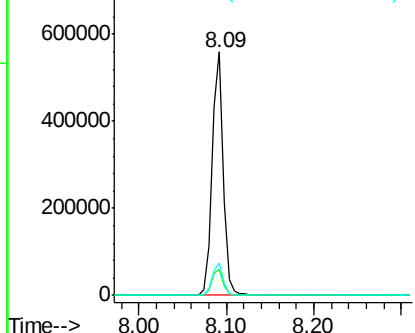
#31
Naphthalene
Concen: 28.028 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 494930
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.2 10.9 16.3

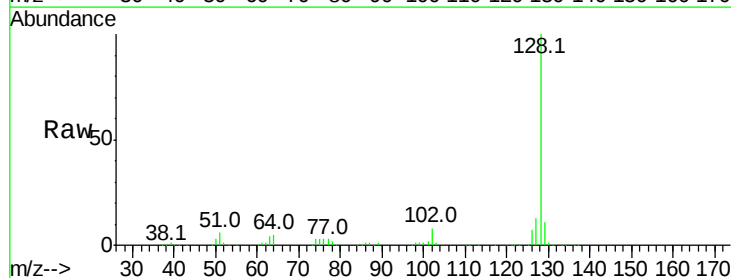


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

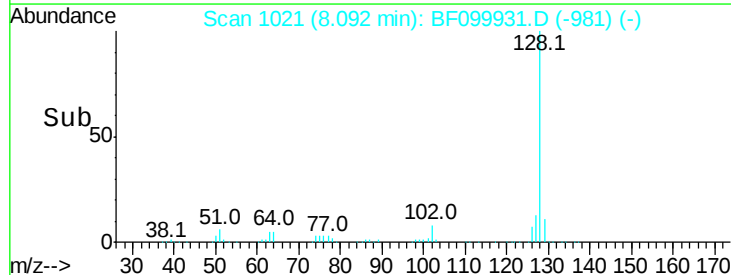
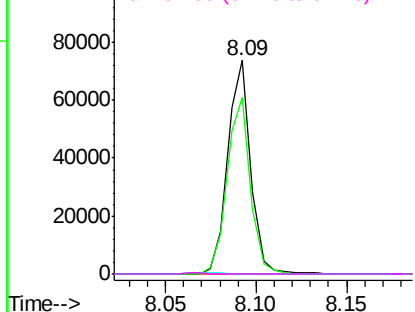


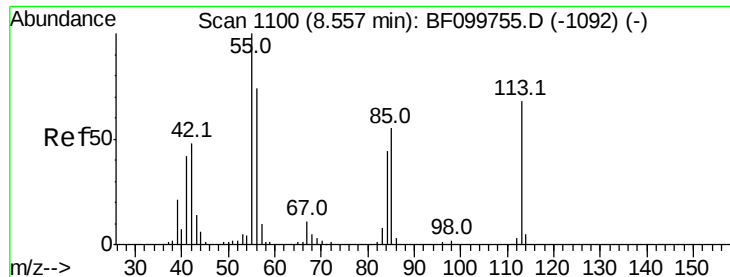
#33
4-Chloroaniline
Concen: 8.901 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.06 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Tgt Ion:127 Resp: 64906
Ion Ratio Lower Upper
127 100
129 82.8 25.9 38.9#
65 0.0 25.0 37.4#
92 0.0 15.2 22.8#



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

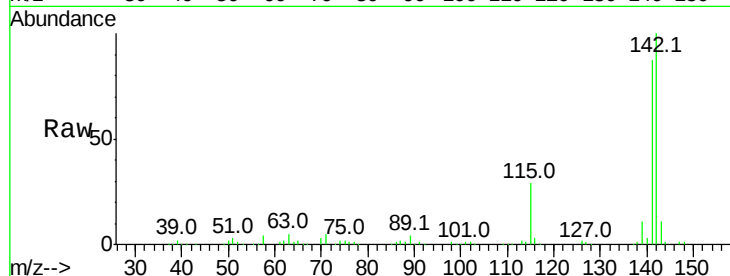




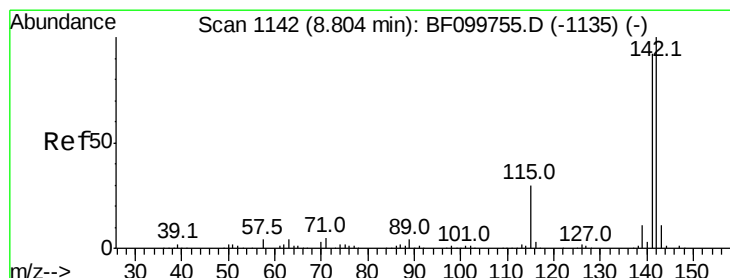
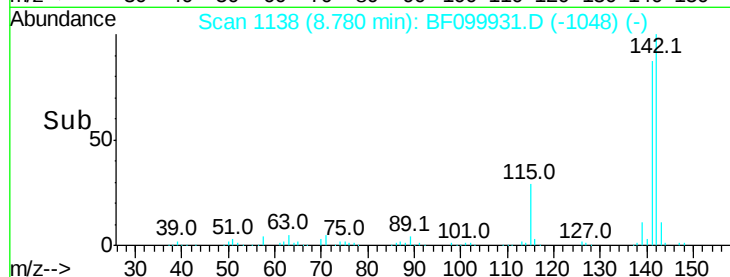
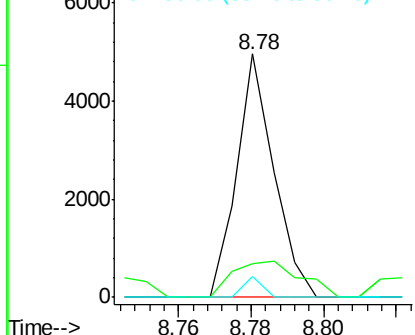
#35
Caprolactam
Concen: 2.256 ng
RT: 8.78 min Scan# 1138
Delta R.T. 0.23 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 3561
Ion Ratio Lower Upper
113 100
55 13.6 163.3 203.3#
56 8.7 115.7 155.7#

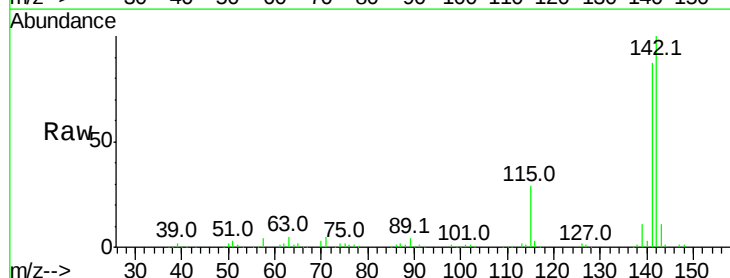


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

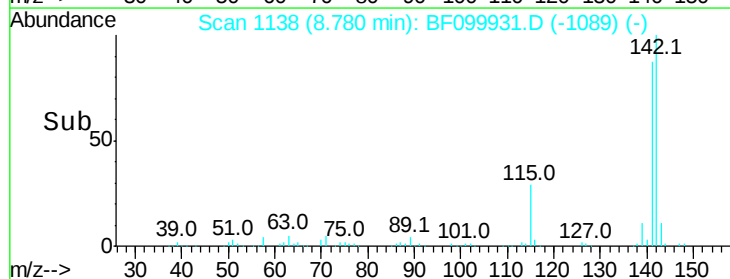
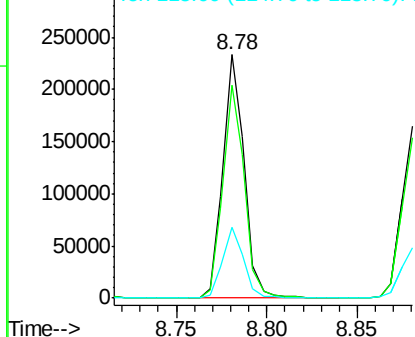


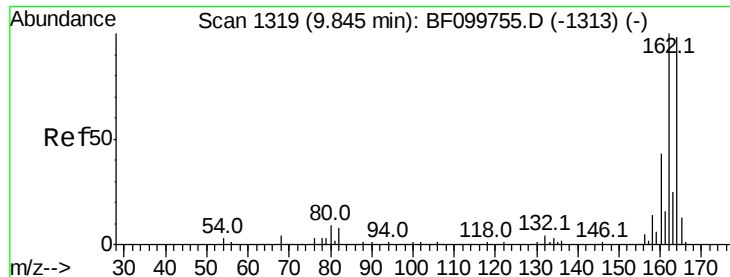
#37
2-Methylnaphthalene
Concen: 16.103 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Tgt Ion:142 Resp: 190552
Ion Ratio Lower Upper
142 100
141 87.3 70.8 106.2
115 28.9 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

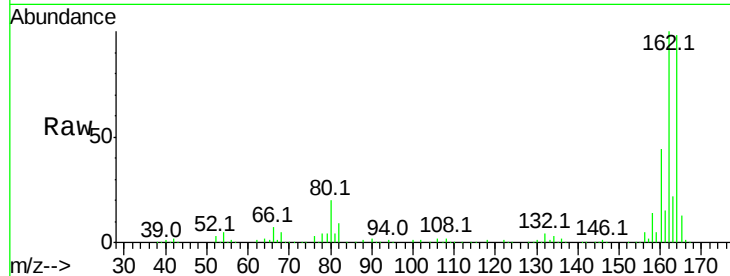




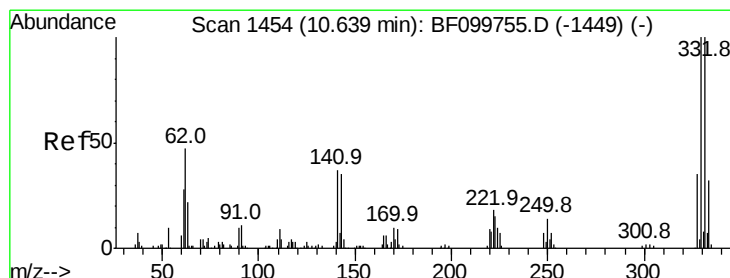
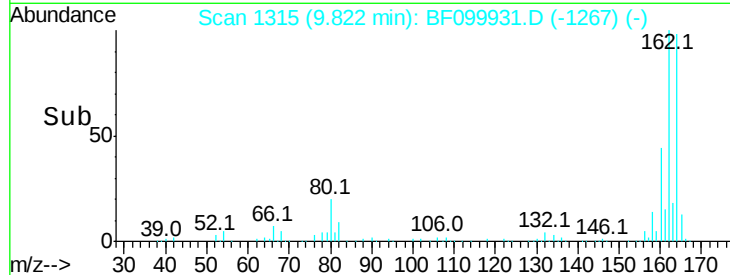
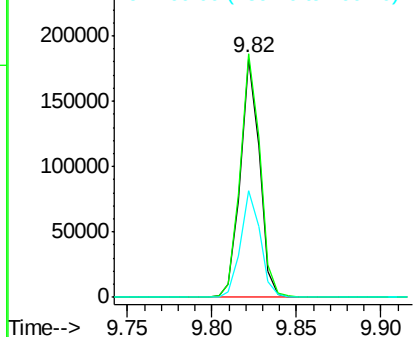
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 144180
Ion Ratio Lower Upper
164 100
162 102.0 86.1 129.1
160 44.7 38.3 57.5

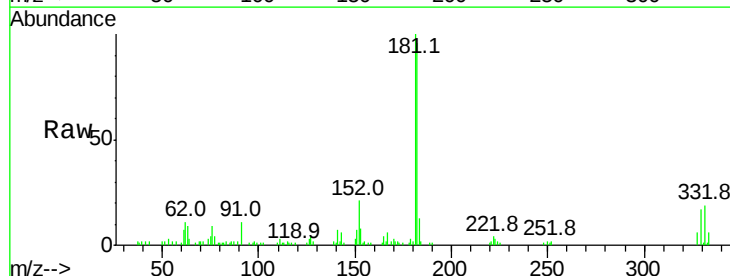


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

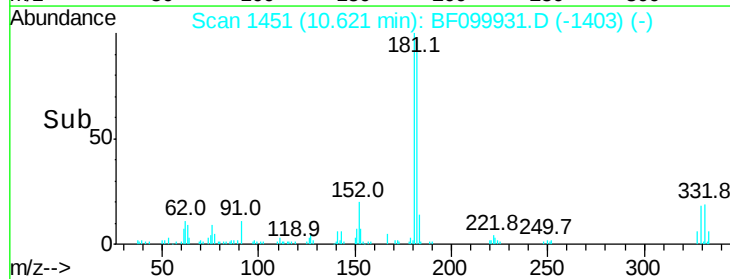
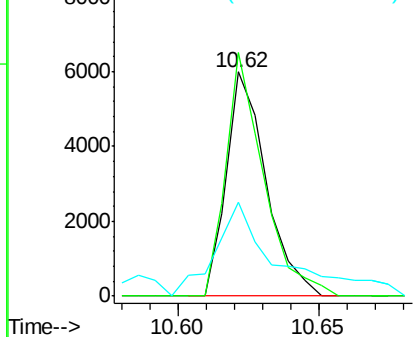


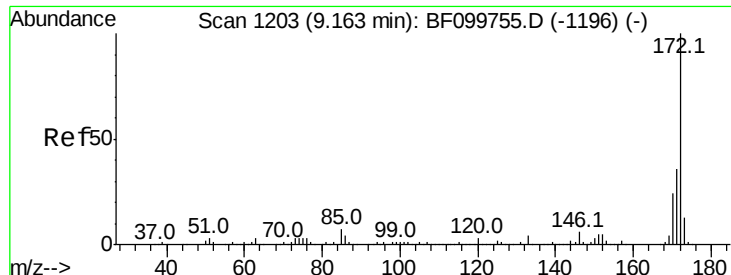
#41
2,4,6-Tribromophenol
Concen: 4.447 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.02 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Tgt Ion:330 Resp: 5843
Ion Ratio Lower Upper
330 100
332 103.1 77.0 115.6
141 67.6 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

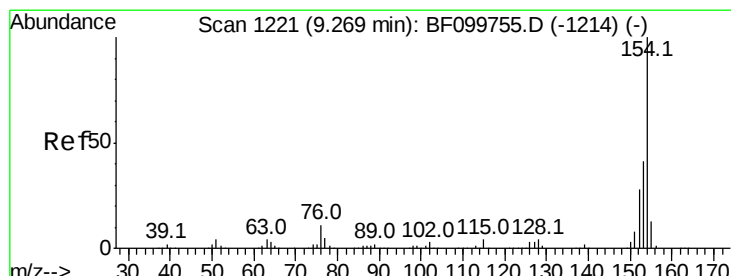
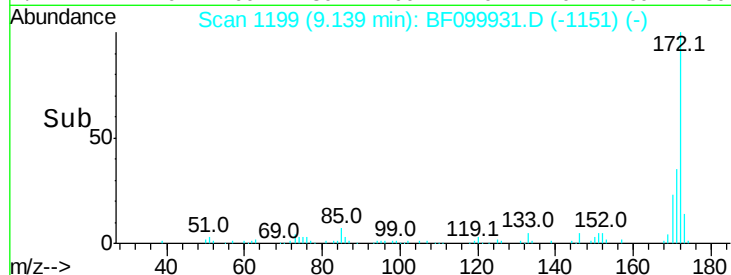
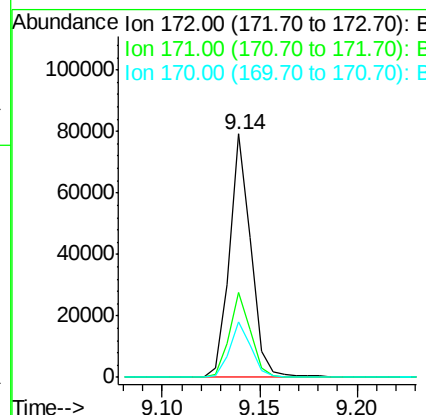
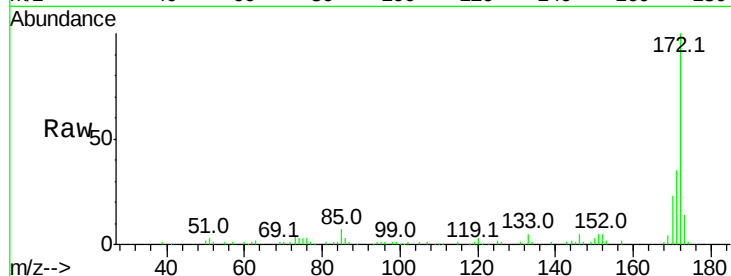




#44
 2-Fluorobiphenyl
 Concen: 6.447 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.02 min
 Lab File: BF099931.D
 Acq: 28 Oct 2017 21:42

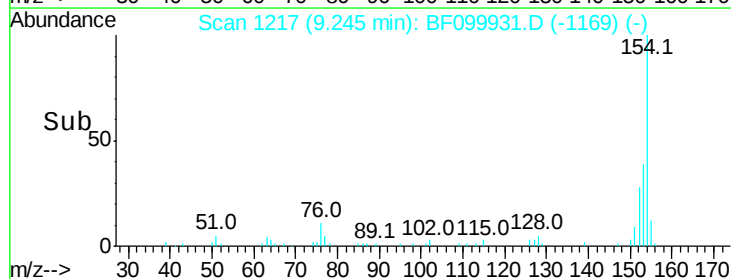
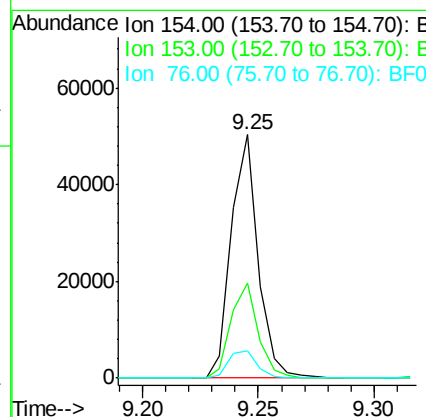
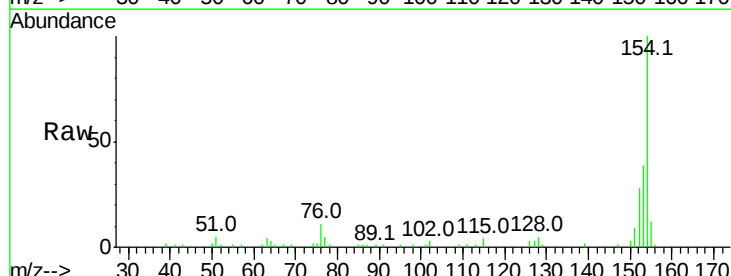
Instrument :
 BNA_F
 ClientSampleId :

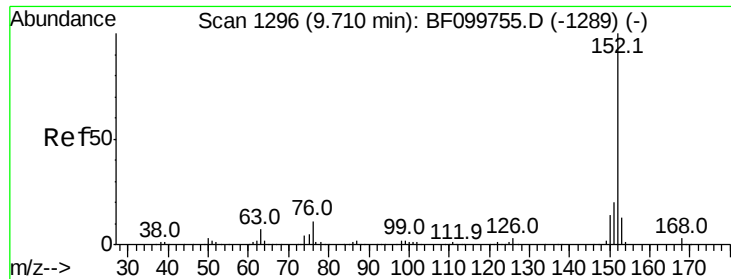
Tot Ion:172 Resp: 60249
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.7 44.5
 170 22.8 19.6 29.4



#45
 1,1'-Biphenyl
 Concen: 3.123 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.02 min
 Lab File: BF099931.D
 Acq: 28 Oct 2017 21:42

Tgt Ion:154 Resp: 40731
 Ion Ratio Lower Upper
 154 100
 153 39.2 21.3 61.3
 76 11.0 0.0 34.0

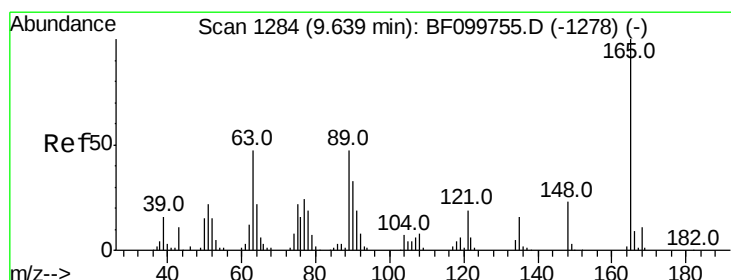
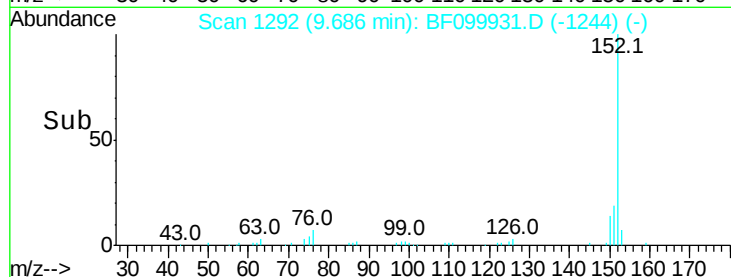
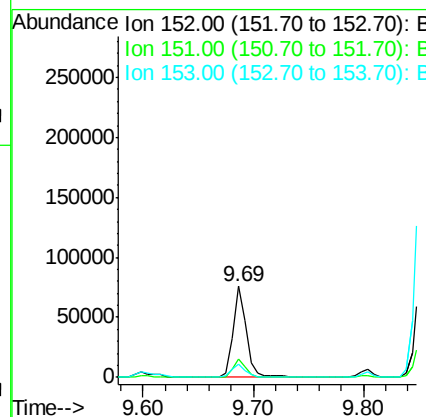
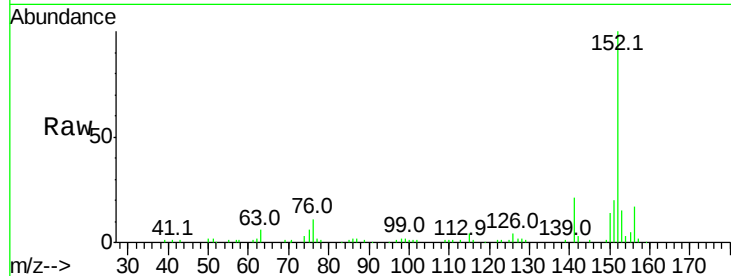




#48
Acenaphthylene
Concen: 4.503 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

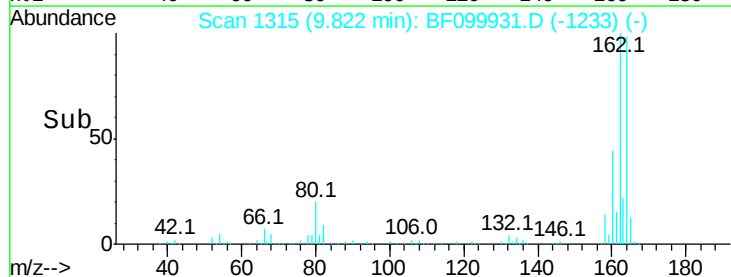
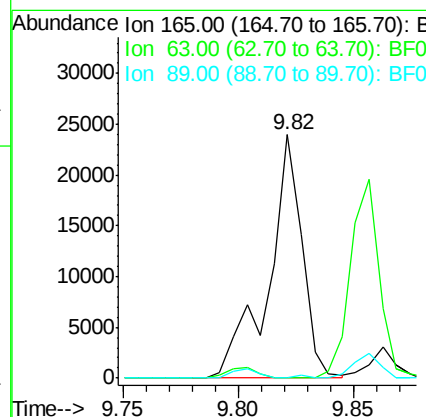
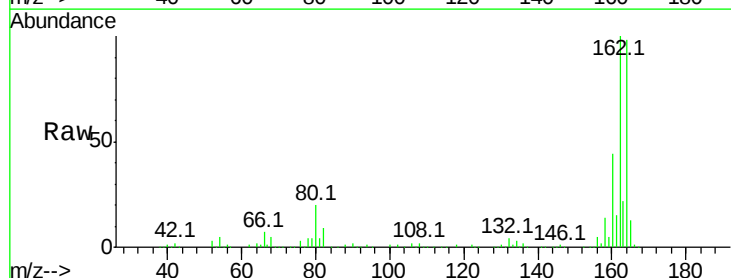
Instrument :
BNA_F
ClientSampled :

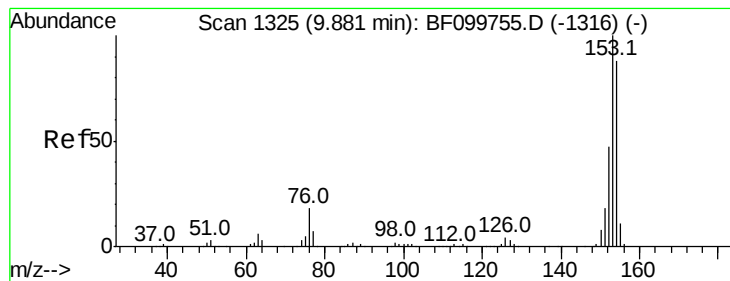
Tot Ion:152 Resp: 65699
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 14.7 10.7 16.1



#50
2,6-Dinitrotoluene
Concen: 10.105 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.18 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Tgt Ion:165 Resp: 24254
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#





#51

Acenaphthene

Concen: 26.016 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.02 min

Lab File: BF099931.D

Acq: 28 Oct 2017 21:42

Instrument :

BNA_F

ClientSampleId :

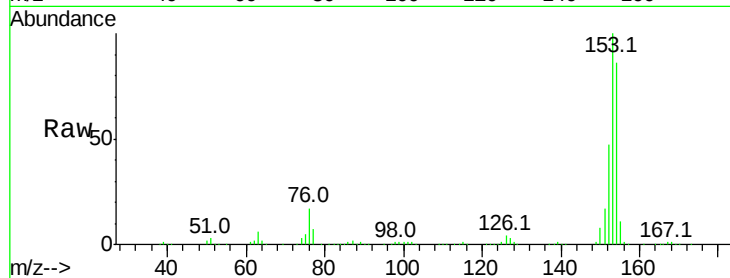
Tot Ion:154 Resp: 231919

Ion Ratio Lower Upper

154 100

153 116.6 91.2 136.8

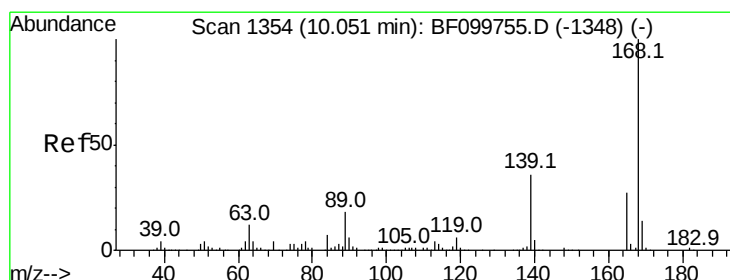
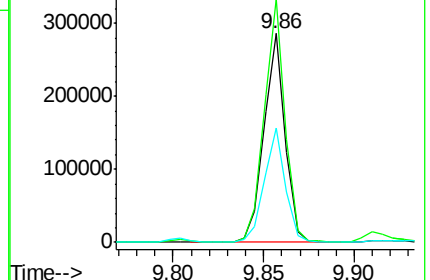
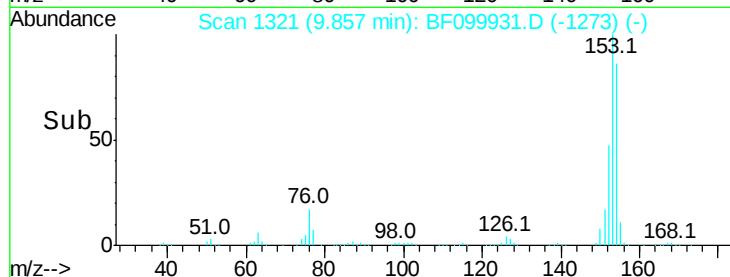
152 54.8 43.8 65.8



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

Dibenzofuran

Concen: 19.120 ng

RT: 10.03 min Scan# 1350

Delta R.T. -0.02 min

Lab File: BF099931.D

Acq: 28 Oct 2017 21:42

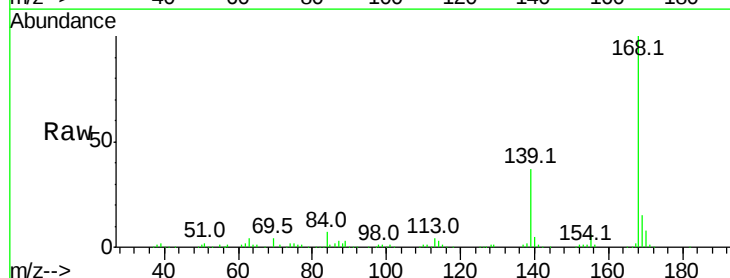
Tgt Ion:168 Resp: 240590

Ion Ratio Lower Upper

168 100

139 37.1 30.1 45.1

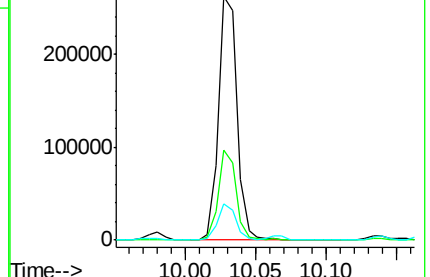
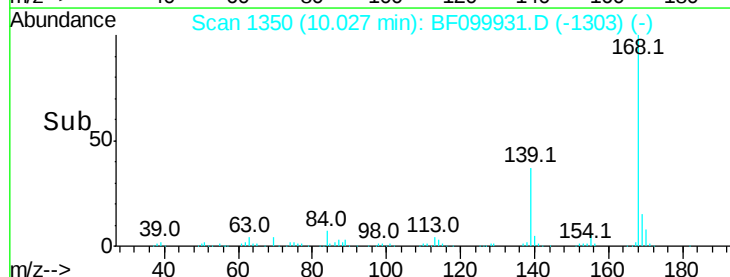
169 15.0 10.9 16.3

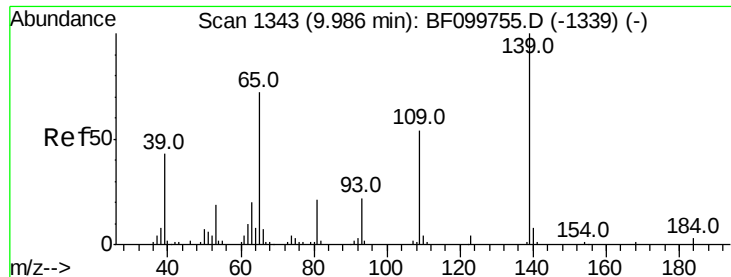


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

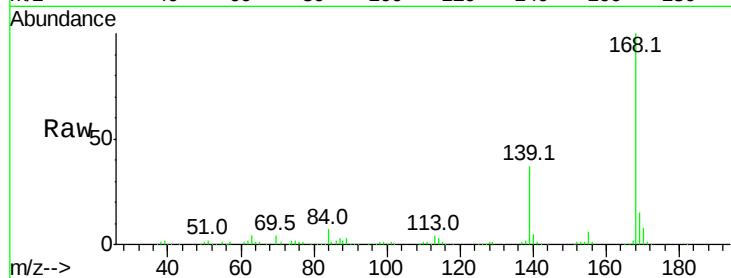




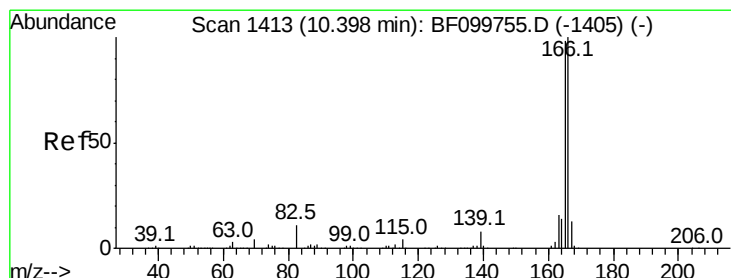
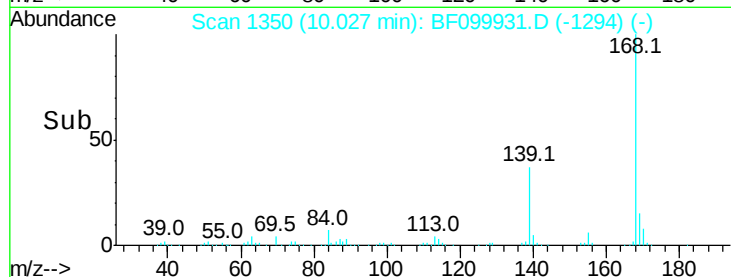
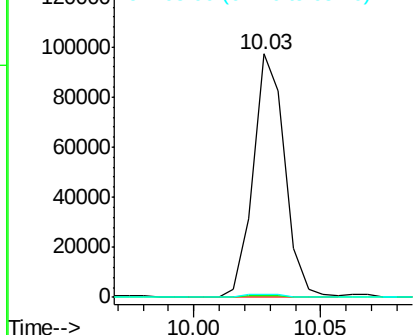
#55
4-Nitrophenol
Concen: 57.326 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.03 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 84715
Ion Ratio Lower Upper
139 100
109 0.9 48.4 88.4#
65 1.4 72.6 112.6#

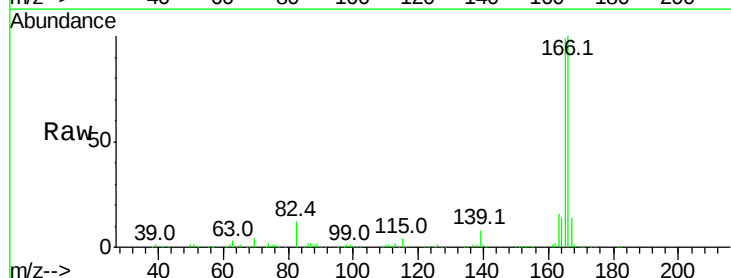


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BFO

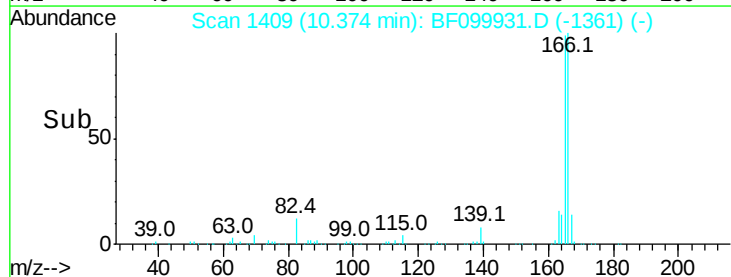
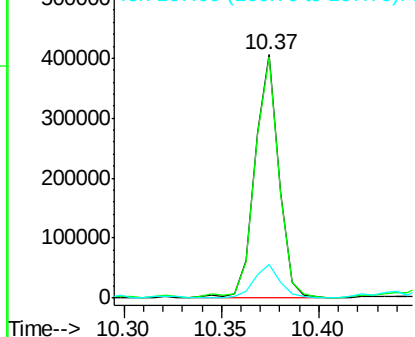


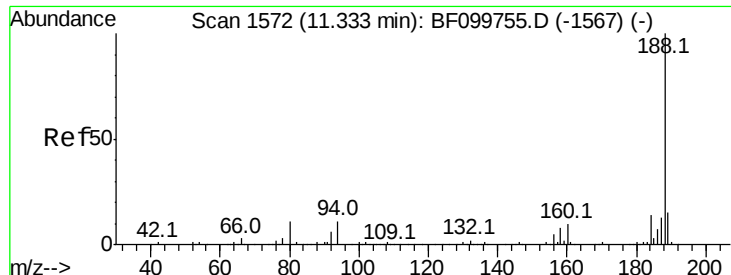
#57
Fluorene
Concen: 32.669 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.02 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Tgt Ion:166 Resp: 340369
Ion Ratio Lower Upper
166 100
165 98.8 79.8 119.8
167 13.9 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

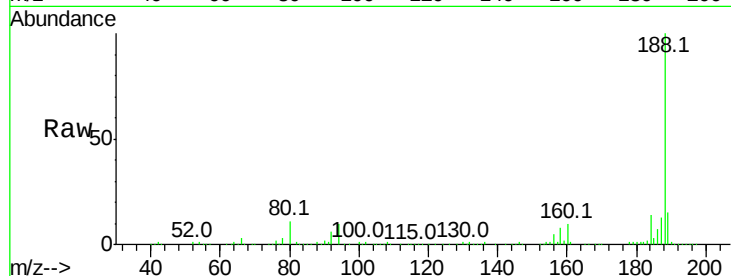




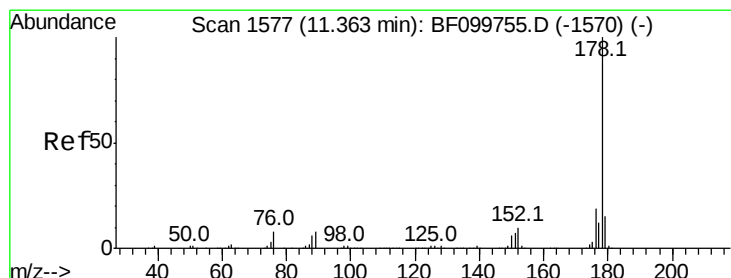
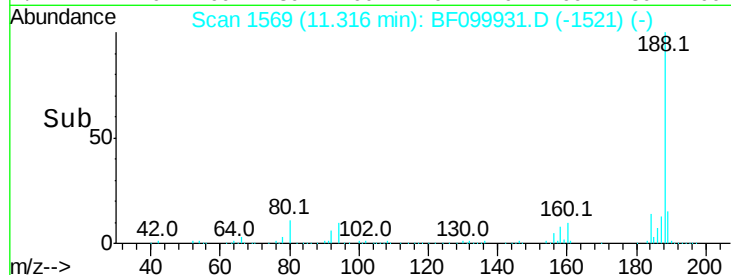
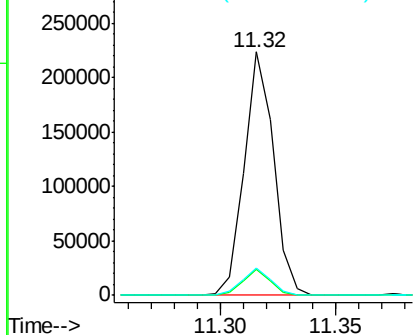
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.02 min
 Lab File: BF099931.D
 Acq: 28 Oct 2017 21:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 198942
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.5 12.7
 80 11.0 9.2 13.8

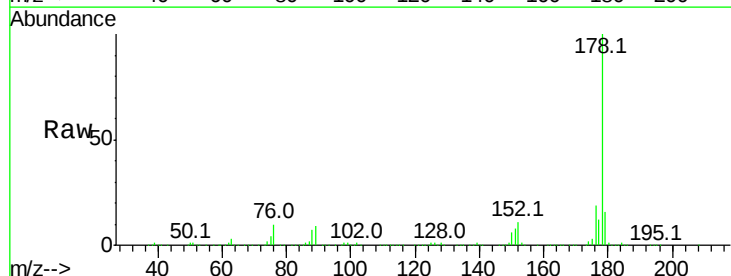


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

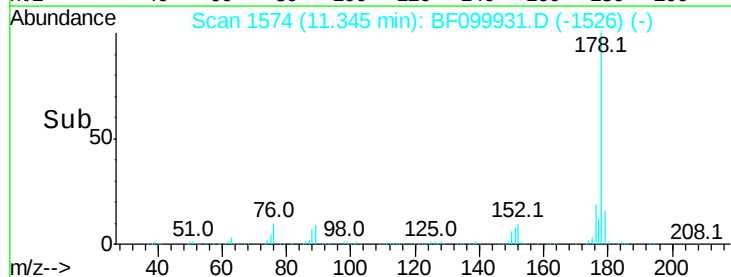
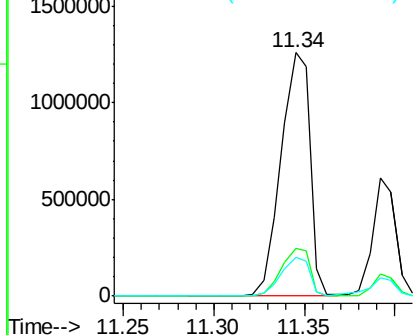


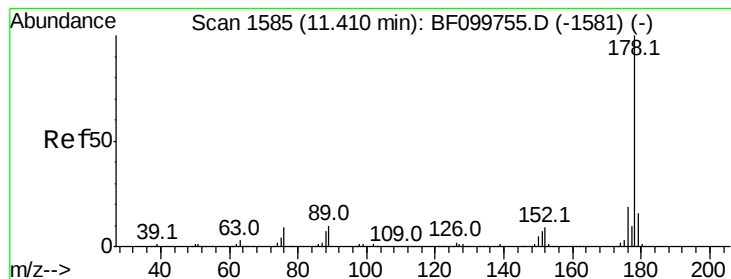
#70
 Phenanthrene
 Concen: 125.450 ng
 RT: 11.34 min Scan# 1574
 Delta R.T. -0.02 min
 Lab File: BF099931.D
 Acq: 28 Oct 2017 21:42

Tgt Ion:178 Resp: 1408457
 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: 46.468 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.02 min

Lab File: BF099931.D

Acq: 28 Oct 2017 21:42

Instrument :

BNA_F

ClientSampleId :

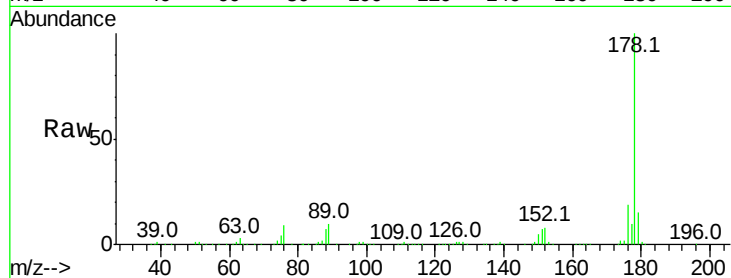
Tot Ion:178 Resp: 529564

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

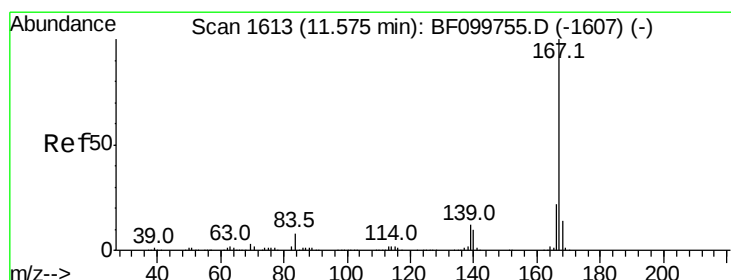
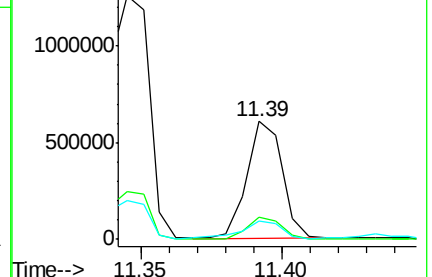
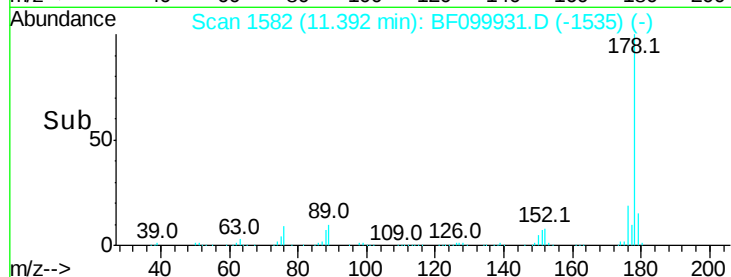
179 15.5 12.6 19.0



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: 14.182 ng

RT: 11.55 min Scan# 1609

Delta R.T. -0.02 min

Lab File: BF099931.D

Acq: 28 Oct 2017 21:42

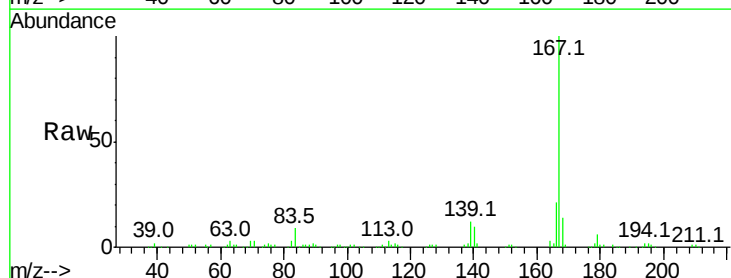
Tgt Ion:167 Resp: 151989

Ion Ratio Lower Upper

167 100

166 21.3 17.6 26.4

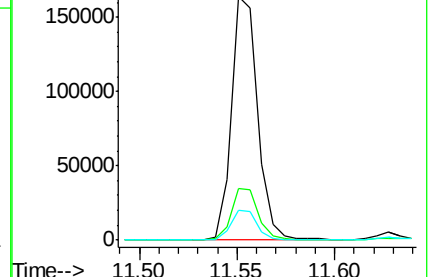
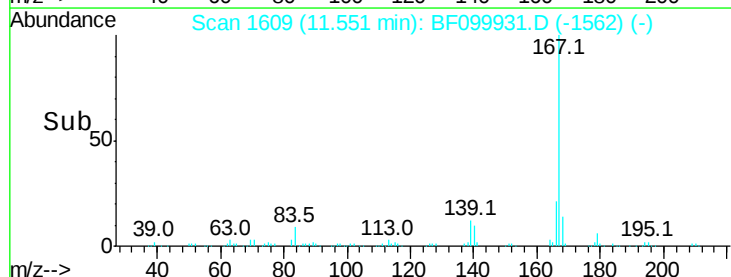
139 12.3 10.9 16.3

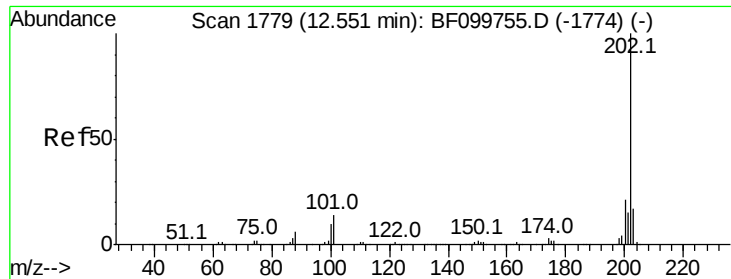


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

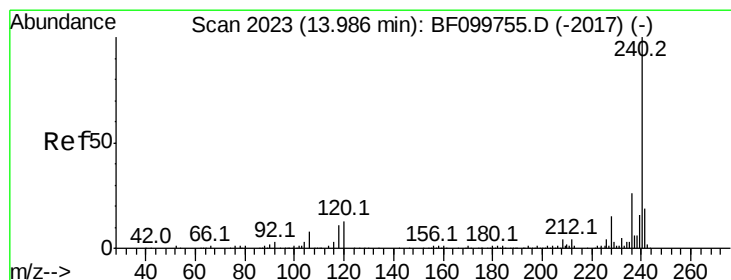
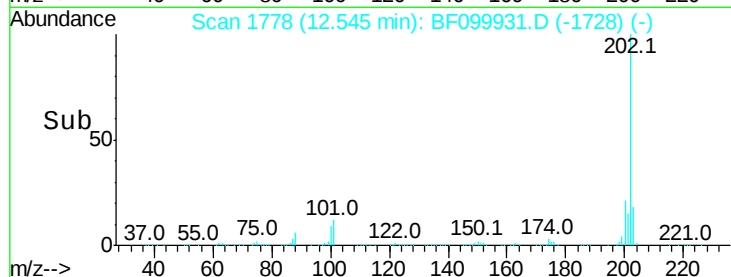
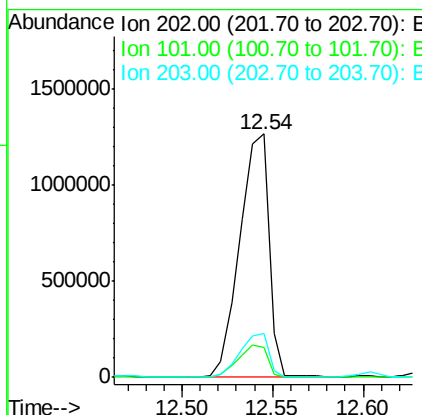
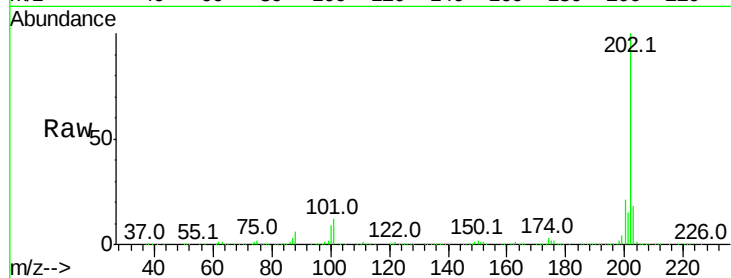




#74
 Fluoranthene
 Concen: 122.606 ng
 RT: 12.54 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BF099931.D
 Acq: 28 Oct 2017 21:42

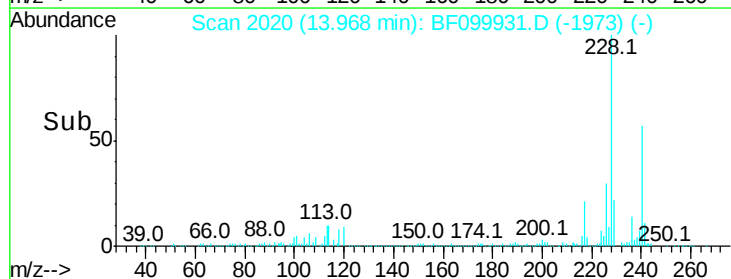
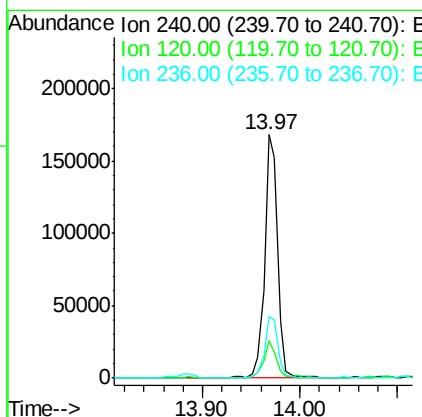
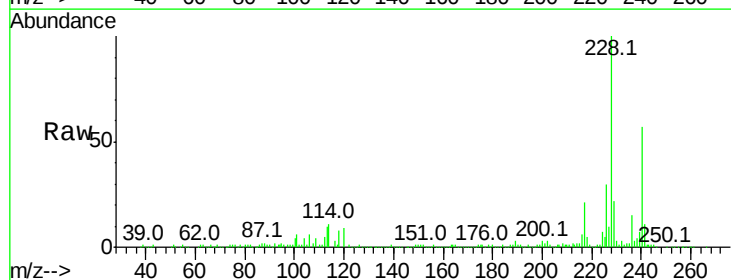
Instrument :
 BNA_F
 ClientSampleId :

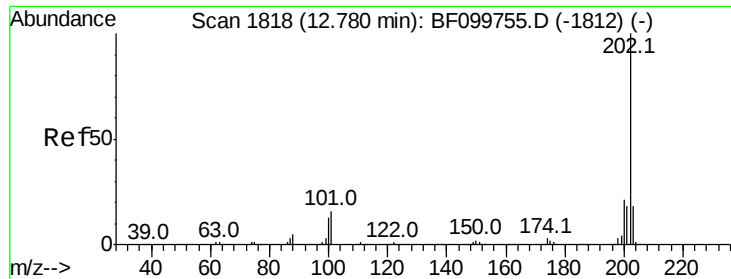
Tot Ion:202 Resp: 1430529
 Ion Ratio Lower Upper
 202 100
 101 12.1 0.0 34.1
 203 17.8 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.02 min
 Lab File: BF099931.D
 Acq: 28 Oct 2017 21:42

Tgt Ion:240 Resp: 161776
 Ion Ratio Lower Upper
 240 100
 120 15.3 9.5 14.3#
 236 25.6 20.7 31.1





#77

Pvrene

Concen: 102.444 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF099931.D

Acq: 28 Oct 2017 21:42

Instrument :

BNA_F

ClientSampleId :

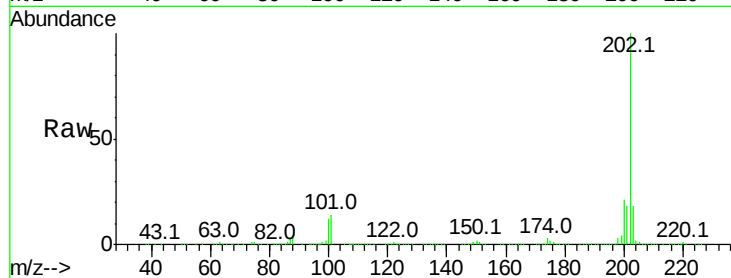
Tot Ion:202 Resp: 1260202

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

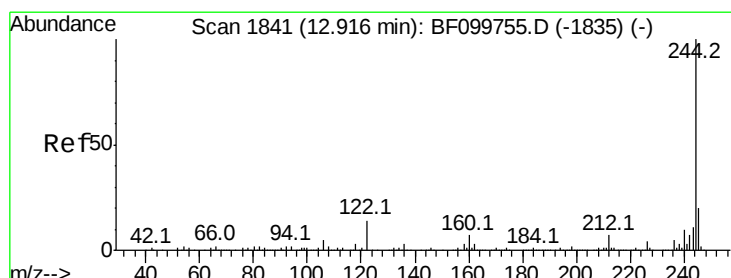
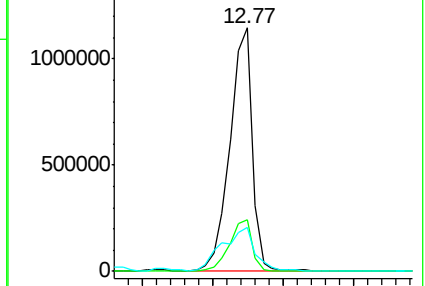
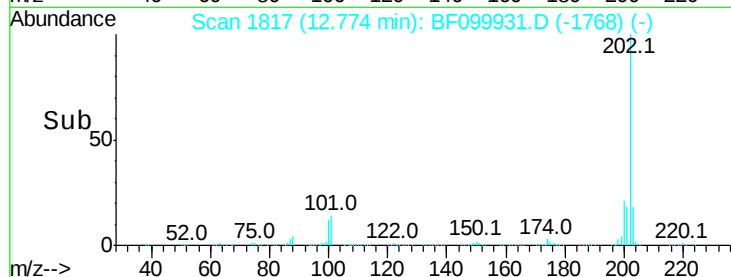
203 18.1 14.3 21.5



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: 4.966 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.03 min

Lab File: BF099931.D

Acq: 28 Oct 2017 21:42

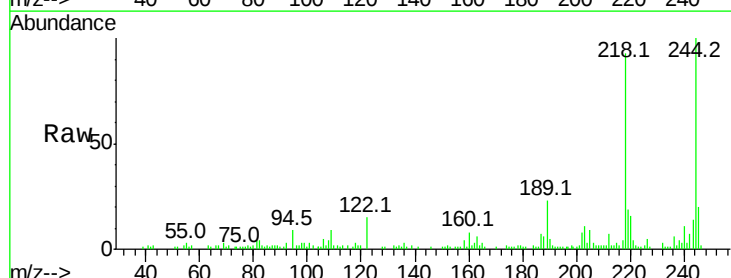
Tgt Ion:244 Resp: 36759

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

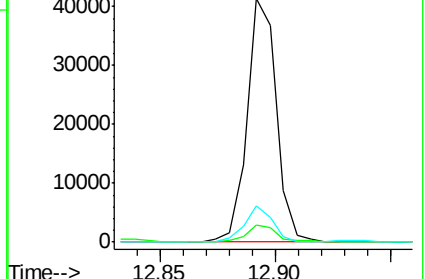
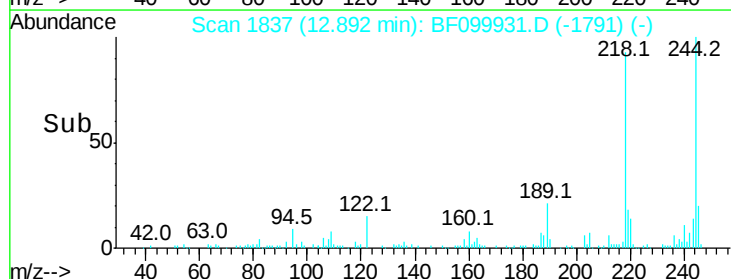
122 15.0 11.0 16.4

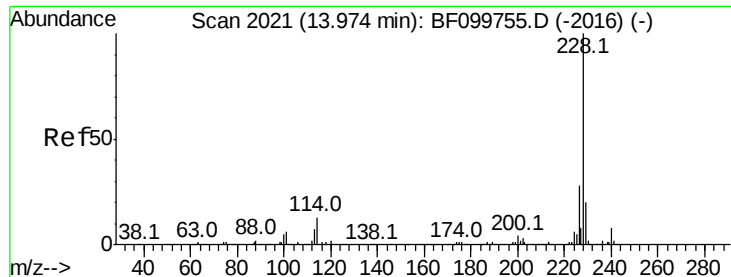


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 69.801 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BF099931.D

Acq: 28 Oct 2017 21:42

Instrument :

BNA_F

ClientSampleId :

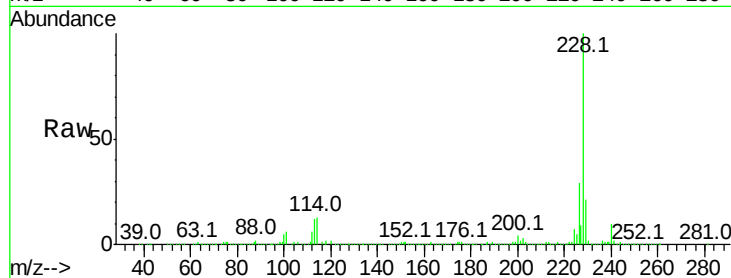
Tot Ion:228 Resp: 715841

Ion Ratio Lower Upper

228 100

226 29.0 22.6 33.8

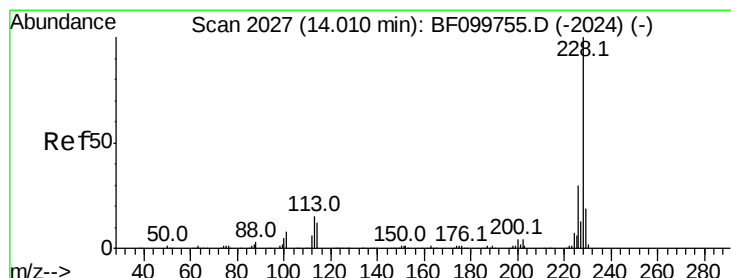
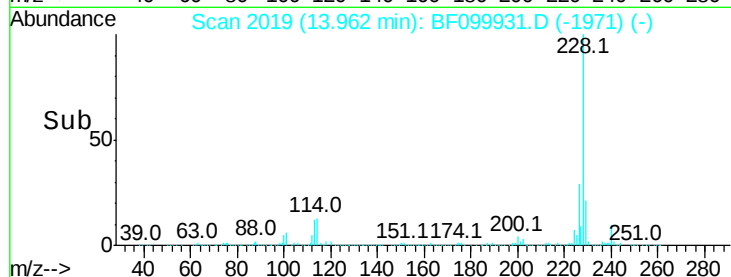
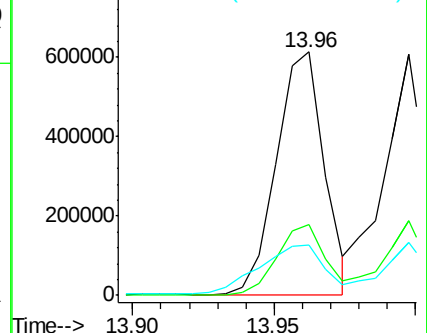
229 20.8 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 63.280 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF099931.D

Acq: 28 Oct 2017 21:42

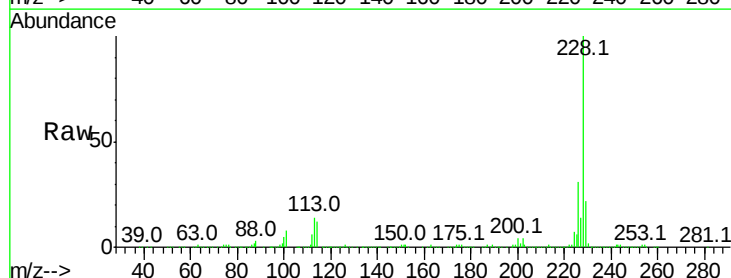
Tgt Ion:228 Resp: 610114

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

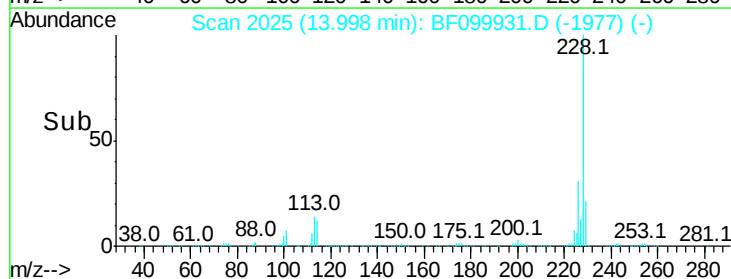
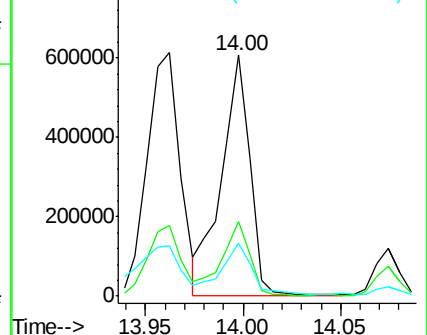
229 22.2 16.2 24.4

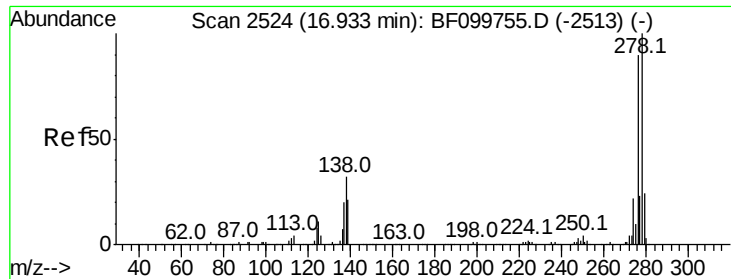


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

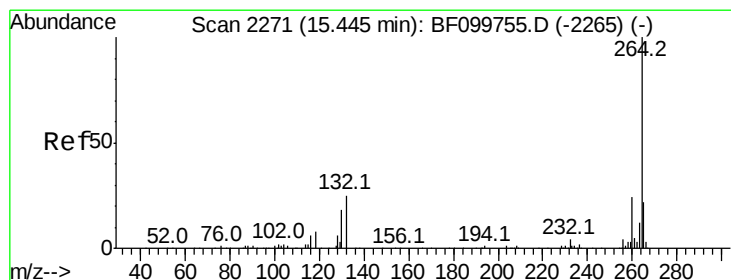
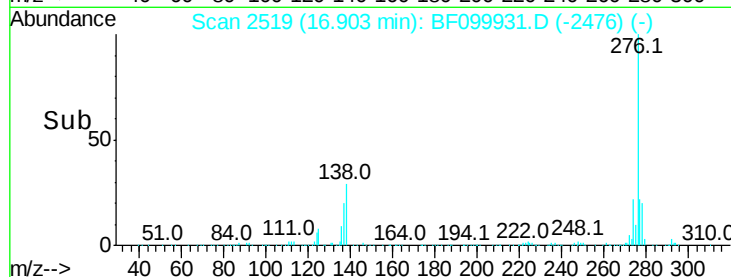
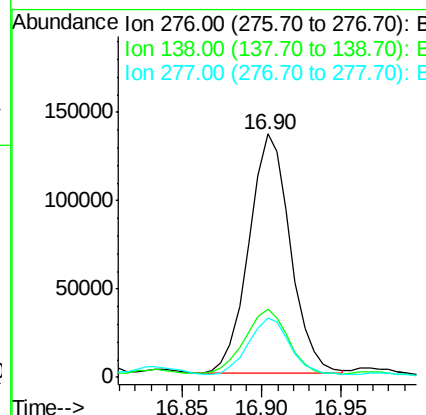
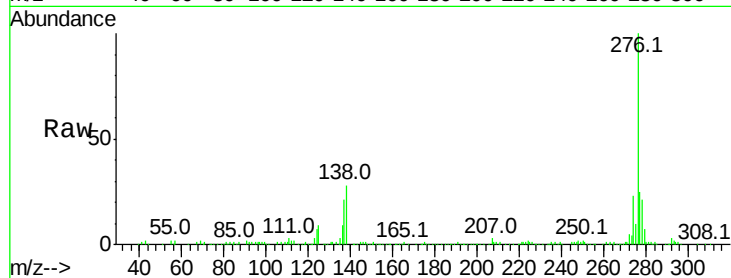




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 27.892 ng
 RT: 16.90 min Scan# 2519
 Delta R.T. -0.05 min
 Lab File: BF099931.D
 Acq: 28 Oct 2017 21:42

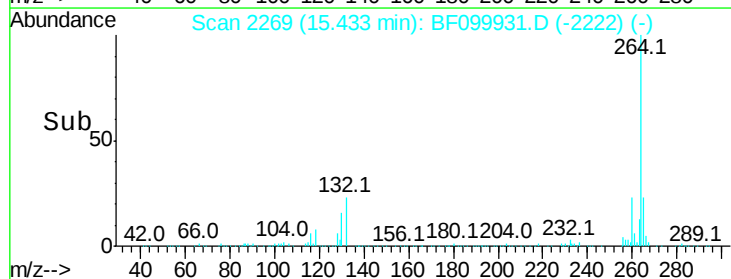
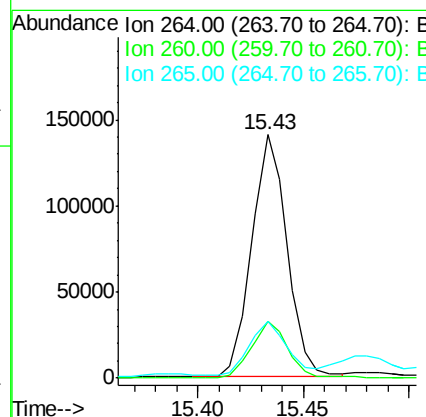
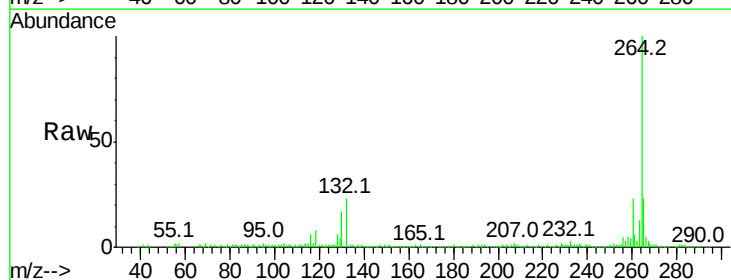
Instrument :
 BNA_F
 ClientSampleId :

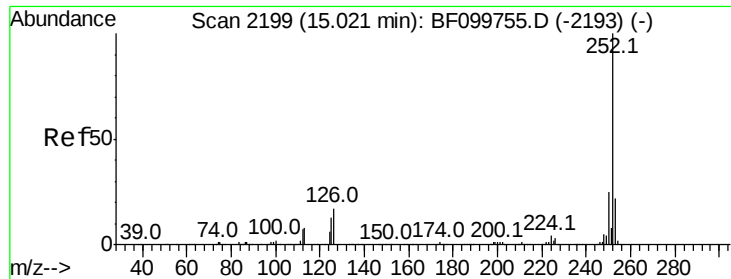
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.6	25.0	37.6
277	23.8	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.02 min
 Lab File: BF099931.D
 Acq: 28 Oct 2017 21:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	23.1	17.5	26.3

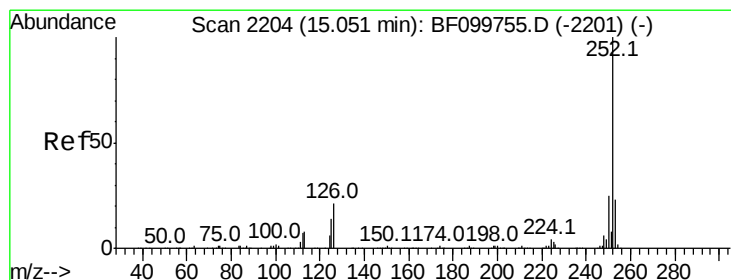
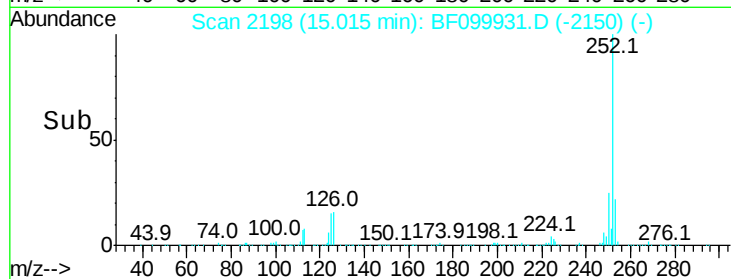
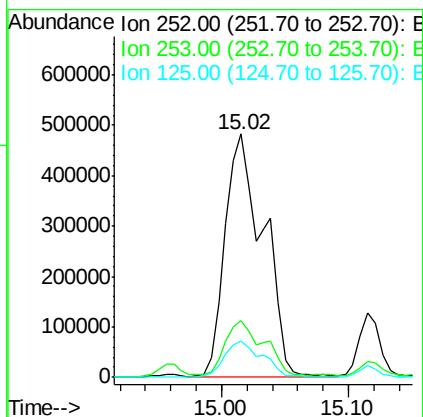
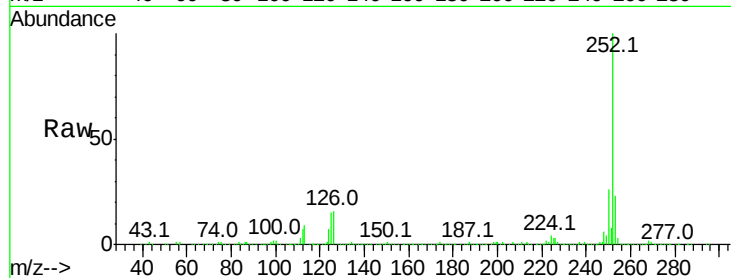




#87
Benzo(b)fluoranthene
Concen: 97.415 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

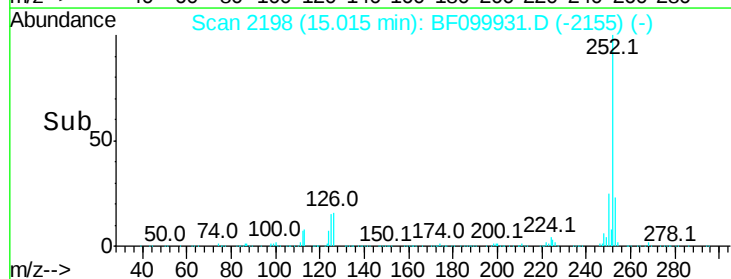
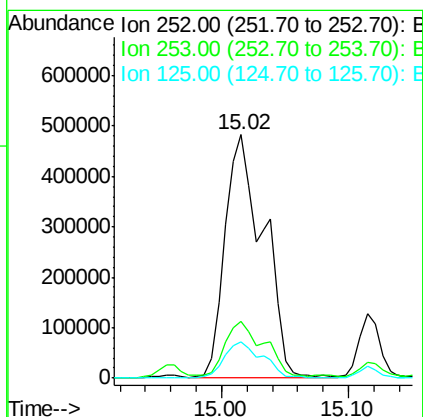
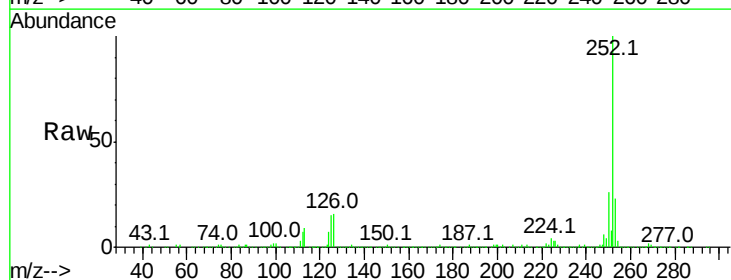
Instrument :
BNA_F
ClientSampleId :

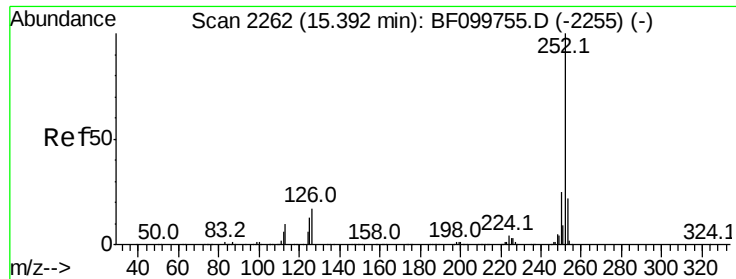
Tot Ion:252 Resp: 1009092
Ion Ratio Lower Upper
252 100
253 23.1 17.0 25.6
125 15.0 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 103.307 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.05 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Tgt Ion:252 Resp: 1009092
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 15.0 10.2 15.2

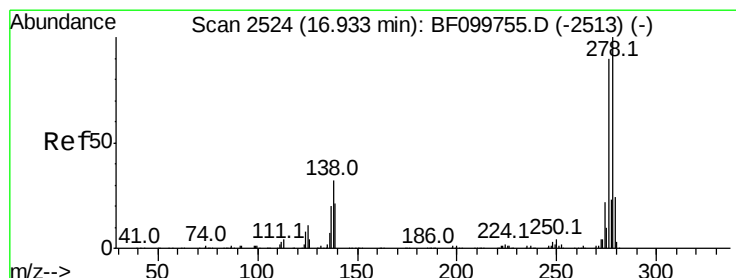
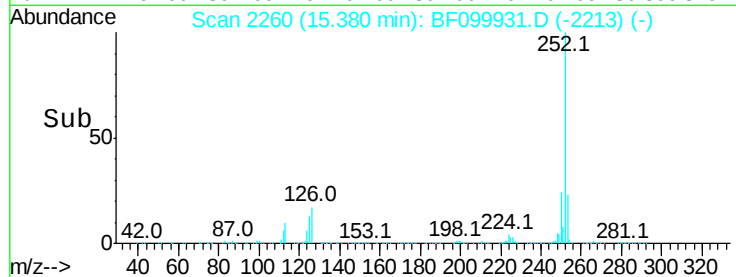
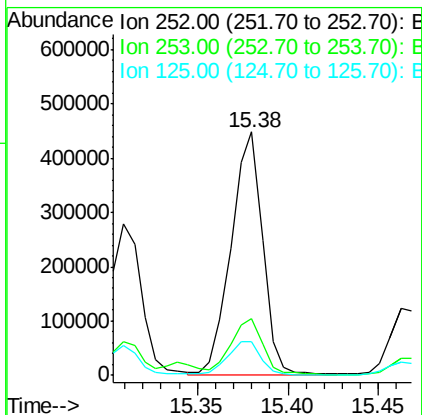
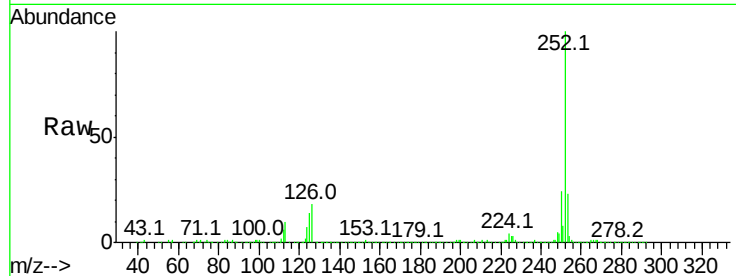




#89
Benzo(a)pyrene
Concen: 57.890 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

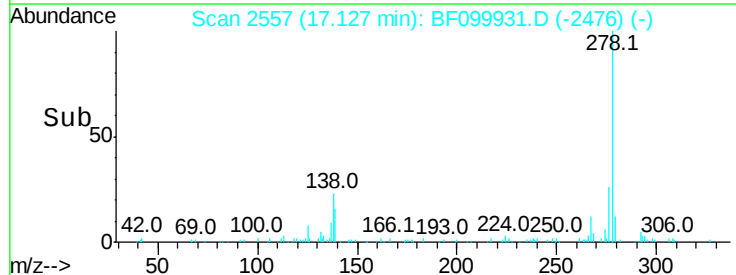
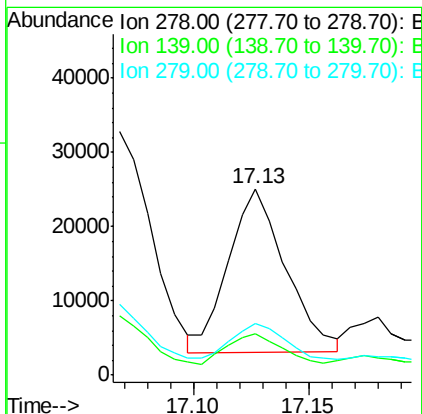
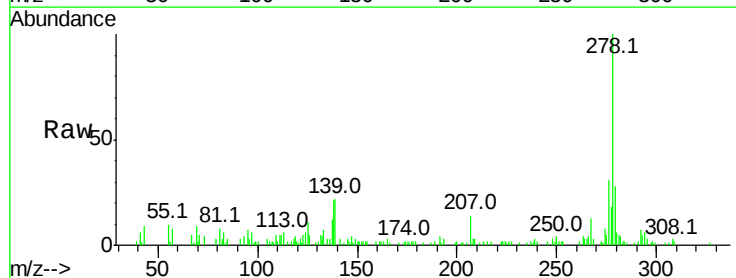
Instrument :
BNA_F
ClientSampleId :

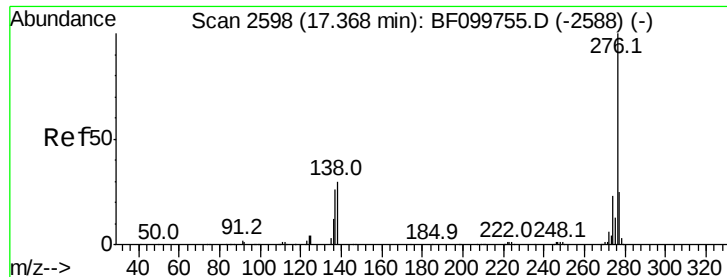
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	14.0	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 4.620 ng
RT: 17.13 min Scan# 2557
Delta R.T. 0.18 min
Lab File: BF099931.D
Acq: 28 Oct 2017 21:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.4	15.9	23.9
279	27.6	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 26.637 ng

RT: 17.35 min Scan# 2595

Delta R.T. -0.05 min

Lab File: BF099931.D

Acq: 28 Oct 2017 21:42

Instrument :

BNA_F

ClientSampleId :

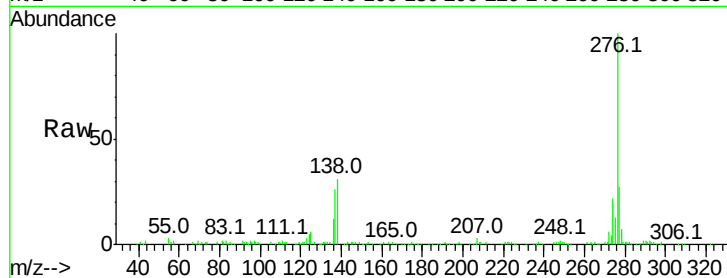
Tot Ion:276 Resp: 215472

Ion Ratio Lower Upper

276 100

277 27.0 17.9 26.9#

138 30.7 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

