

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100518\
 Data File : BF109623.D
 Acq On : 5 Oct 2018 22:00
 Operator : JU/SJ
 Sample : J5263-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID12-COMP-100318

Quant Time: Oct 06 05:57:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	83599	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	326425	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	138862	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	229158	20.00	ng	0.00
75) Chrysene-d12	13.84	240	213770	20.00	ng	0.00
86) Perylene-d12	15.24	264	213379	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	409008	80.58	ng	0.00
7) Phenol-d6	6.35	99	540819	83.50	ng	0.00
23) Nitrobenzene-d5	7.26	82	339845	61.46	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	110370	80.63	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	505454	54.90	ng	-0.02
78) Terphenyl-d14	12.79	244	363602	41.74	ng	-0.02

Target Compounds

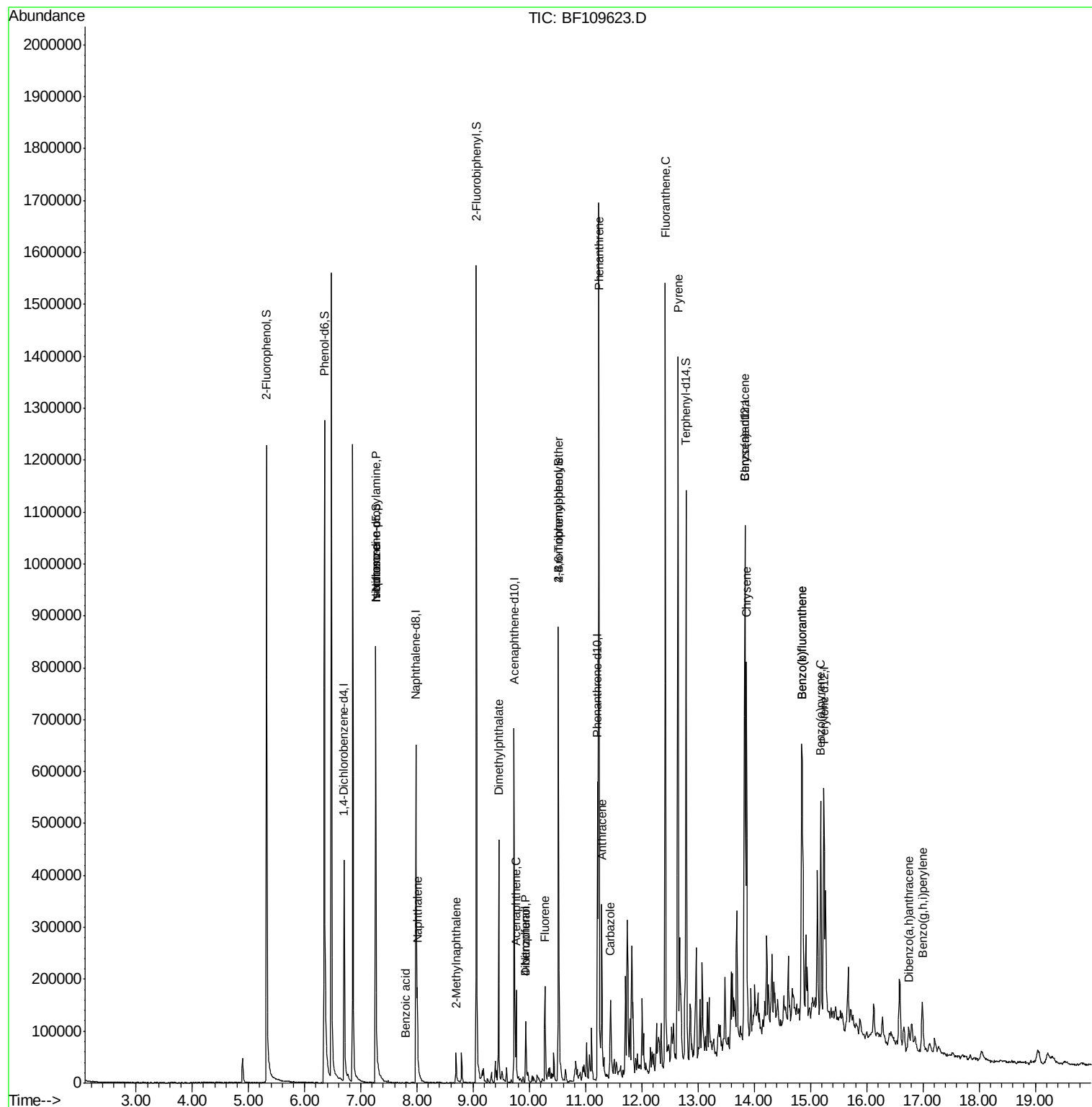
						Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	46086	10.859	ng	# 77
25) Isophorone	7.26	82	323240	32.462	ng	# 64
31) Naphthalene	8.00	128	84534	5.542	ng	99
32) Benzoic acid	7.80	122	485	6.938	ng	# 1
37) 2-Methylnaphthalene	8.69	142	24062	2.447	ng	97
49) Dimethylphthalate	9.45	163	187522	18.567	ng	99
51) Acenaphthene	9.76	154	38050	4.616	ng	98
54) Dibenzofuran	9.93	168	55381	4.517	ng	97
55) 4-Nitrophenol	9.93	139	21121	12.103	ng	# 10
57) Fluorene	10.27	166	59223	6.770	ng	98
66) 4-Bromophenyl-phenylether	10.52	248	6969	2.739	ng	# 1
70) Phenanthrene	11.23	178	657705	57.483	ng	99
71) Anthracene	11.29	178	170495	14.691	ng	98
72) Carbazole	11.45	167	75674	6.554	ng	99
74) Fluoranthene	12.42	202	682650	55.829	ng	96
77) Pyrene	12.64	202	588420	38.407	ng	99
80) Benzo(a)anthracene	13.83	228	326808	25.381	ng	99
82) Chrysene	13.86	228	270423	21.190	ng	97
87) Benzo(b)fluoranthene	14.84	252	385029	32.838	ng	97
88) Benzo(k)fluoranthene	14.84	252	385029	34.606	ng	97
89) Benzo(a)pyrene	15.18	252	200692	18.995	ng	95
90) Dibenzo(a,h)anthracene	16.75	278	22176	2.558	ng	93
91) Benzo(g,h,i)perylene	16.99	276	83210	9.768	ng	# 90

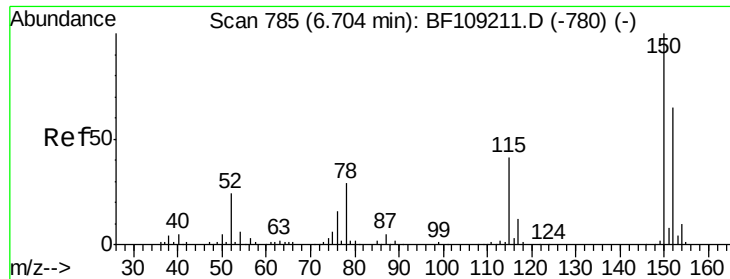
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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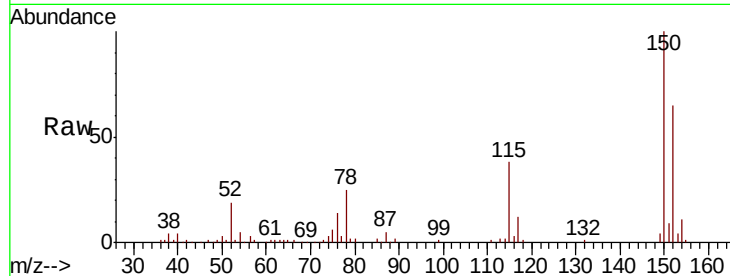




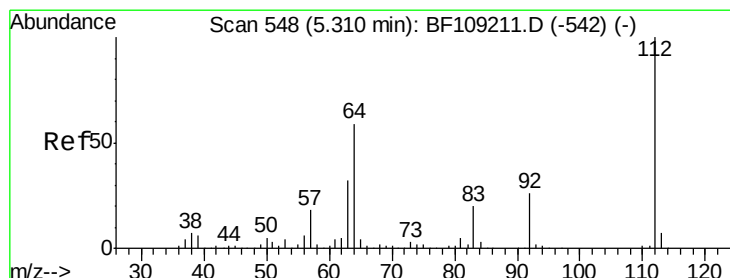
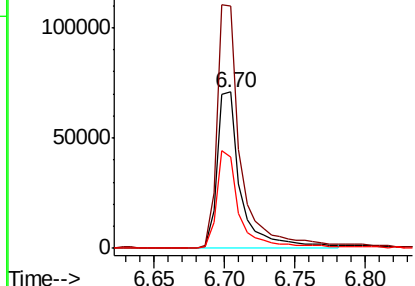
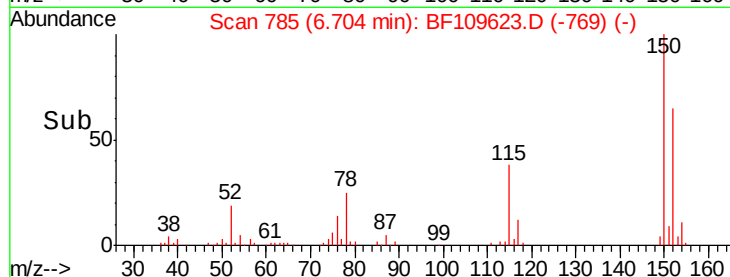
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109623.D
 Acq: 5 Oct 2018 22:00

Instrument :
 BNA_F
 ClientSampleId :
 GRID12-COMP-100318

Tgt Ion:152 Resp: 83599
 Ion Ratio Lower Upper
 152 100
 150 154.6 124.6 186.8
 115 58.7 50.1 75.1

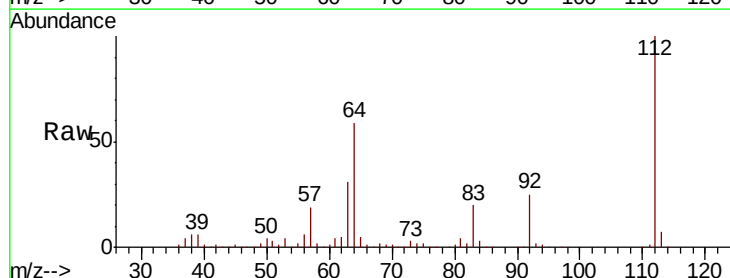


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

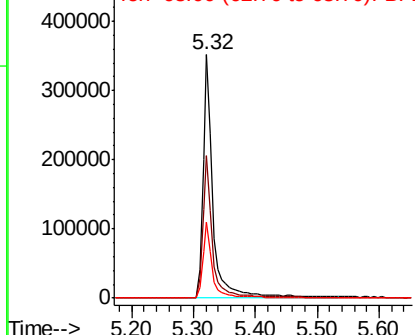
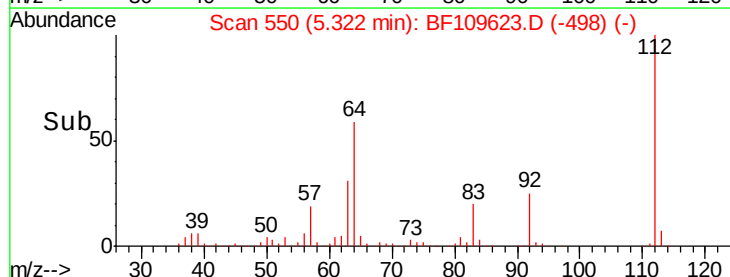


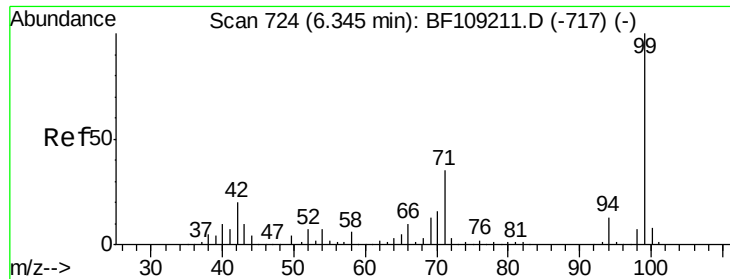
#5
 2-Fluorophenol
 Concen: 80.583 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF109623.D
 Acq: 5 Oct 2018 22:00

Tgt Ion:112 Resp: 409008
 Ion Ratio Lower Upper
 112 100
 64 58.6 47.9 71.9
 63 31.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 83.503 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109623.D

Acq: 5 Oct 2018 22:00

Instrument :

BNA_F

ClientSampleId :

GRID12-COMP-100318

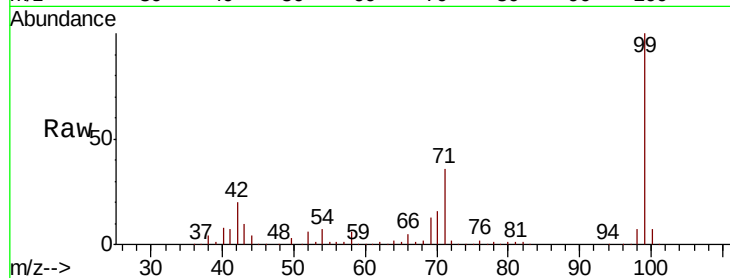
Tgt Ion: 99 Resp: 540819

Ion Ratio Lower Upper

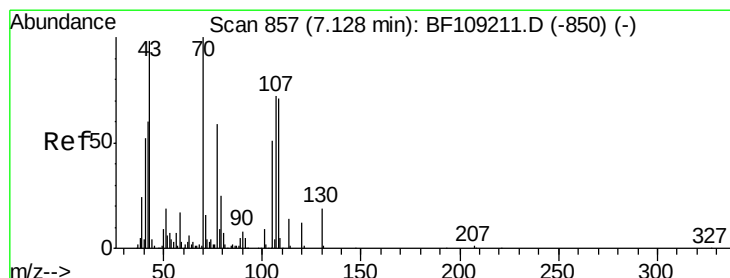
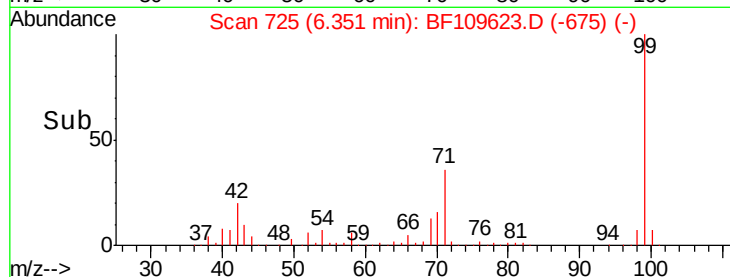
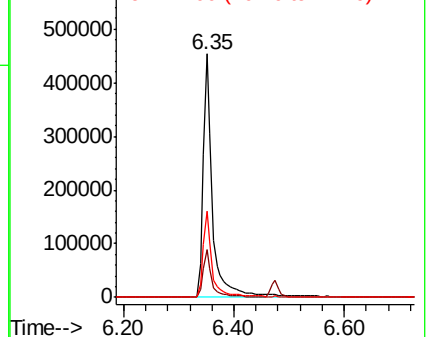
99 100

42 19.7 14.5 21.7

71 35.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 10.859 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.12 min

Lab File: BF109623.D

Acq: 5 Oct 2018 22:00

Tgt Ion: 70 Resp: 46086

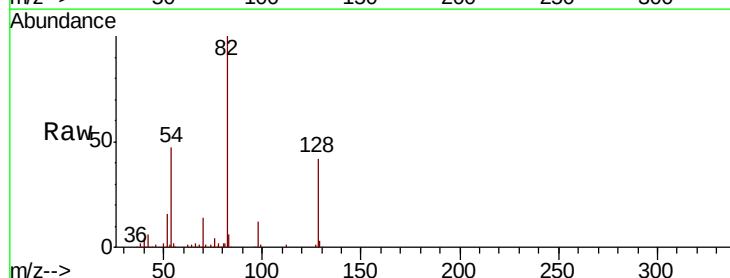
Ion Ratio Lower Upper

70 100

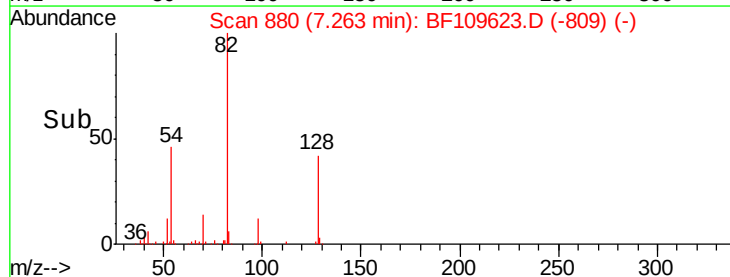
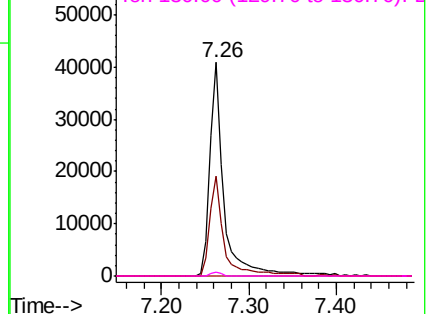
42 46.8 47.5 71.3#

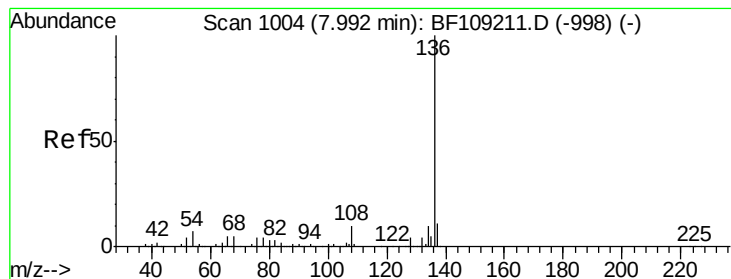
101 0.0 7.4 11.2#

130 2.0 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF109623.D

Acq: 5 Oct 2018 22:00

Instrument :

BNA_F

ClientSampleId :

GRID12-COMP-100318

Tgt Ion:136 Resp: 326425

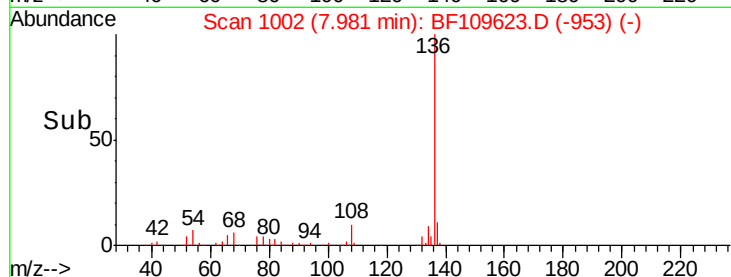
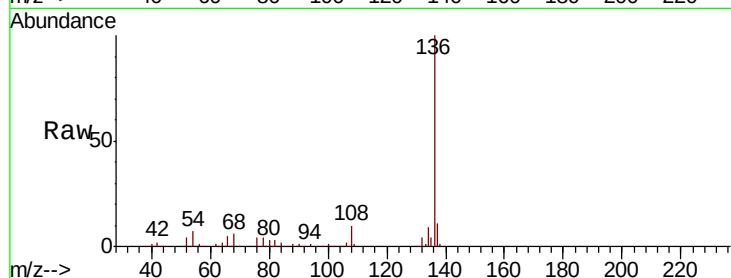
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.9 6.6 9.8

68 5.6 5.0 7.4

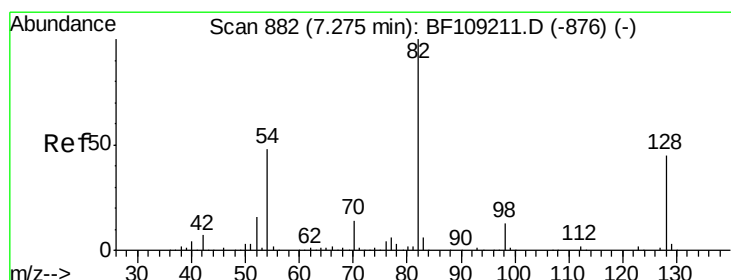
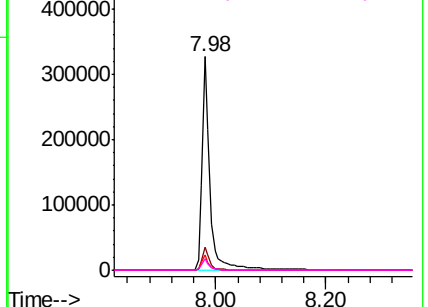


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 61.458 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109623.D

Acq: 5 Oct 2018 22:00

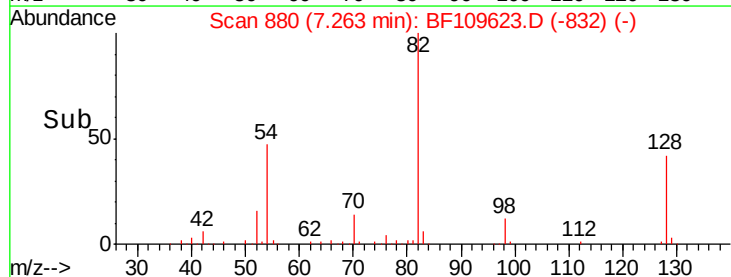
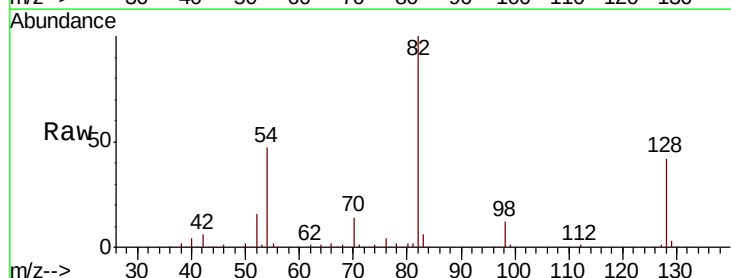
Tgt Ion: 82 Resp: 339845

Ion Ratio Lower Upper

82 100

128 42.4 36.1 54.1

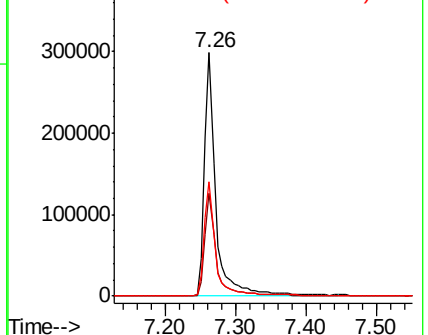
54 47.0 41.4 62.2

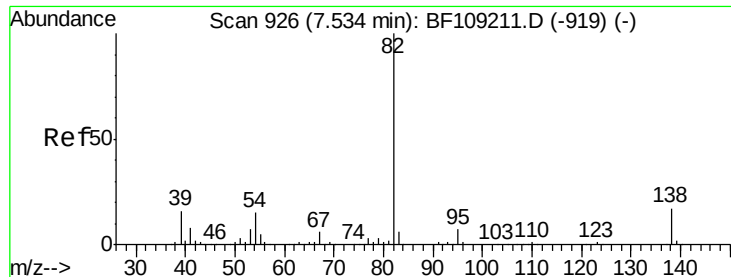


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 32.462 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF109623.D

Acq: 5 Oct 2018 22:00

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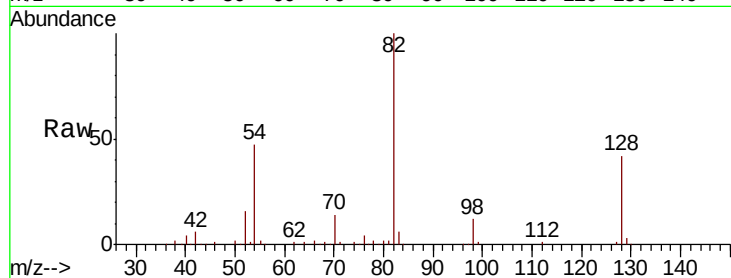
Tgt Ion: 82 Resp: 323240

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

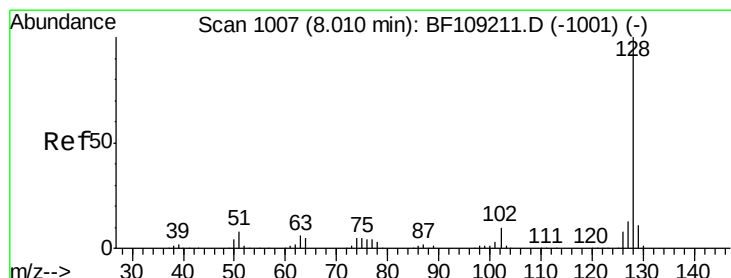
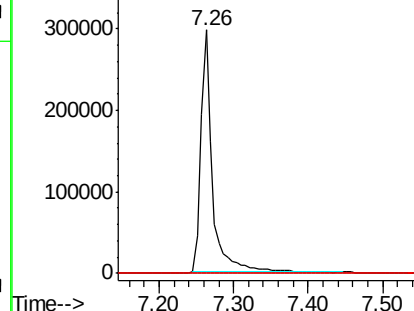
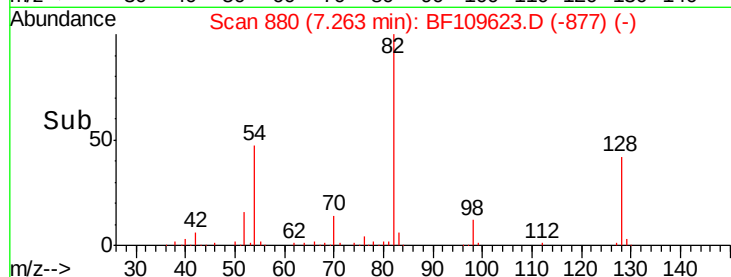
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 5.542 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF109623.D

Acq: 5 Oct 2018 22:00

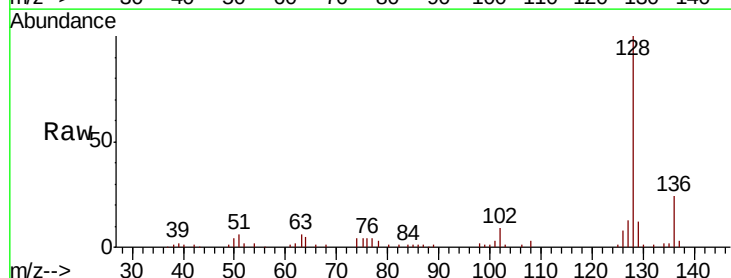
Tgt Ion: 128 Resp: 84534

Ion Ratio Lower Upper

128 100

129 11.7 8.8 13.2

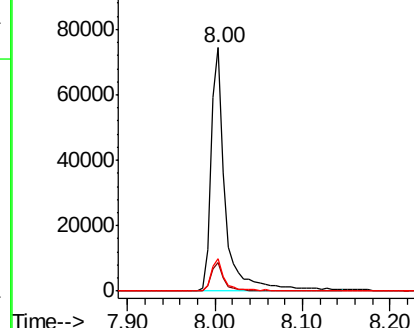
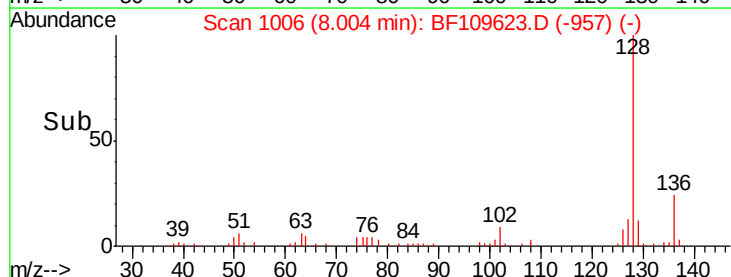
127 13.1 10.9 16.3

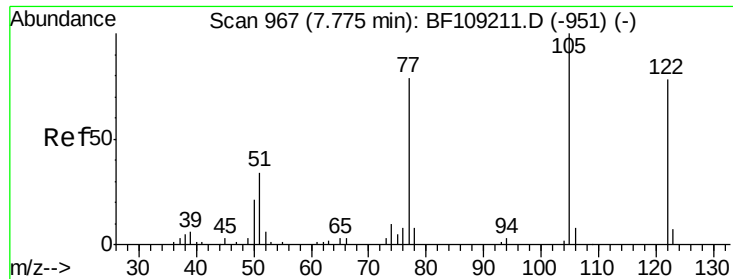


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

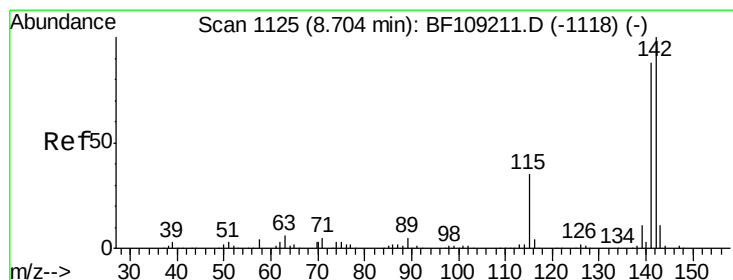
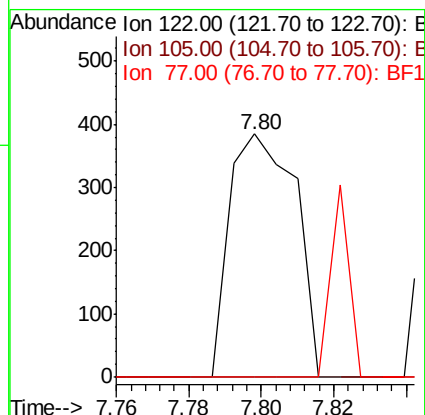
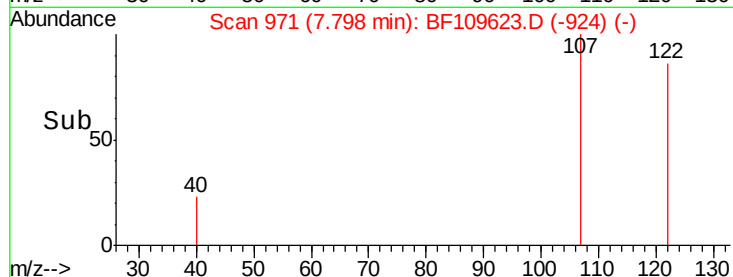
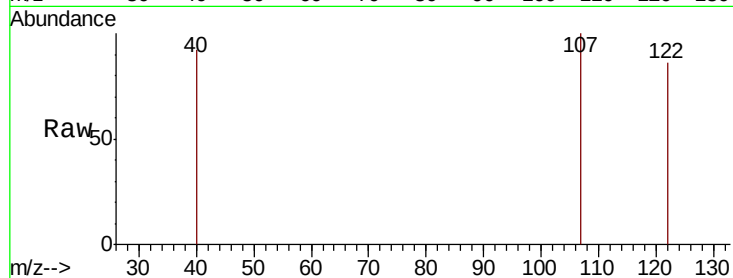




#32
Benzoic acid
Concen: 6.938 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.02 min
Lab File: BF109623.D
Acq: 5 Oct 2018 22:00

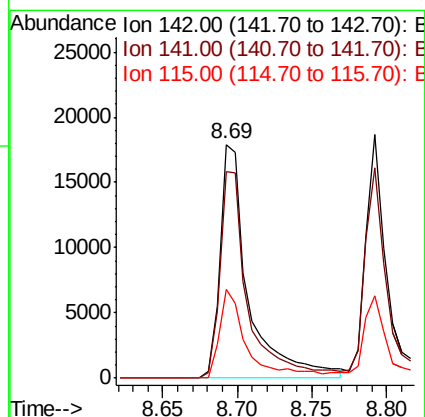
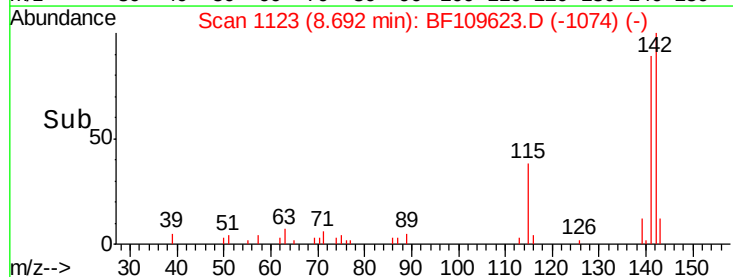
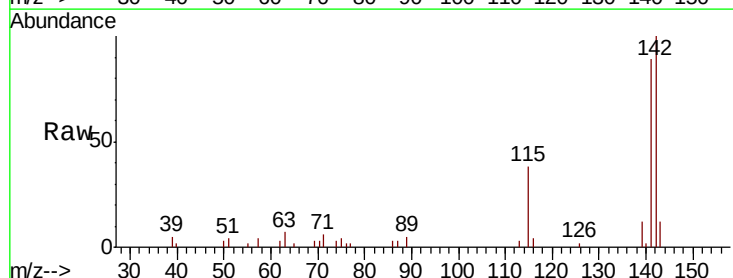
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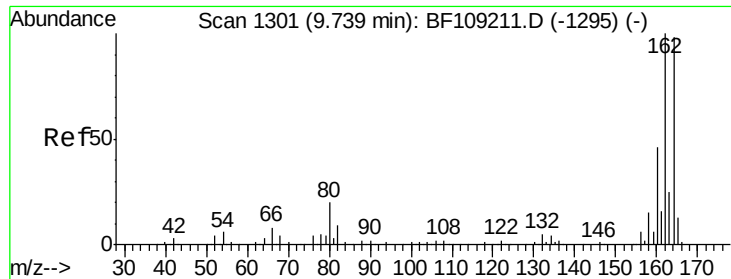
Tgt Ion:122 Resp: 485
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 0.0 70.7 110.7#



#37
2-Methylnaphthalene
Concen: 2.447 ng
RT: 8.69 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF109623.D
Acq: 5 Oct 2018 22:00

Tgt Ion:142 Resp: 24062
Ion Ratio Lower Upper
142 100
141 88.7 70.8 106.2
115 38.0 26.1 39.1

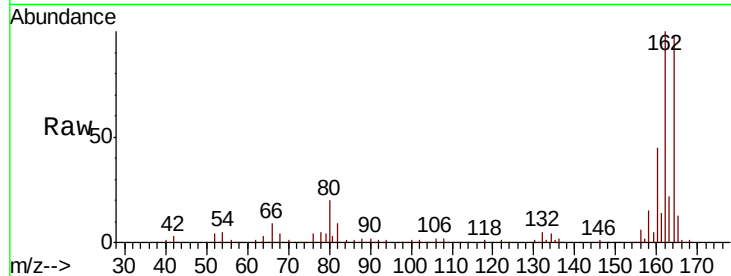




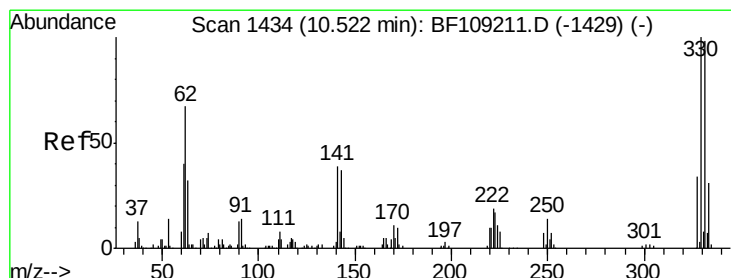
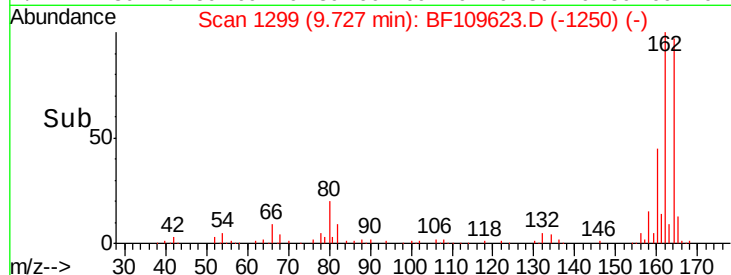
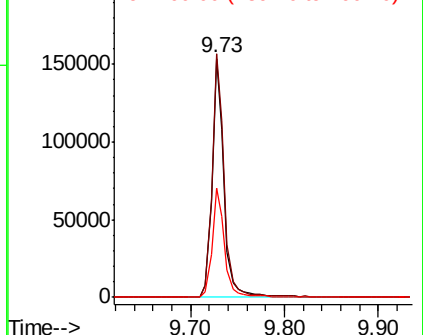
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF109623.D
 Acq: 5 Oct 2018 22:00

Instrument :
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Tgt Ion:164 Resp: 138862
 Ion Ratio Lower Upper
 164 100
 162 102.0 86.1 129.1
 160 45.9 38.3 57.5

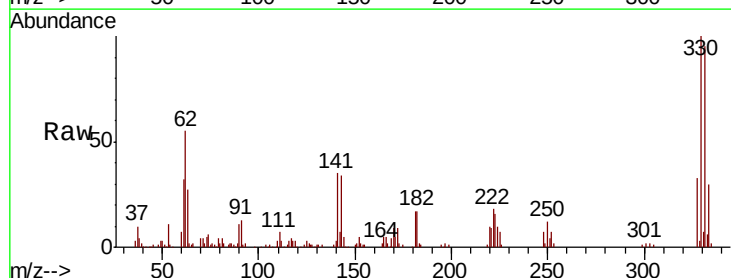


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

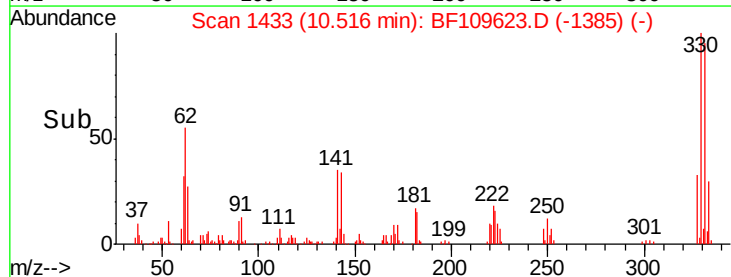
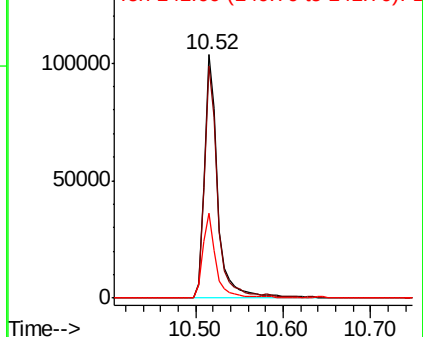


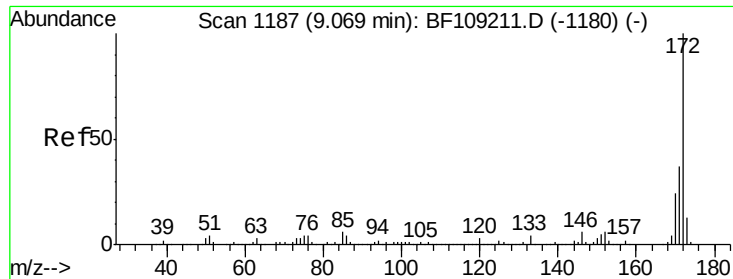
#41
 2,4,6-Tribromophenol
 Concen: 80.627 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109623.D
 Acq: 5 Oct 2018 22:00

Tgt Ion:330 Resp: 110370
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 34.9 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

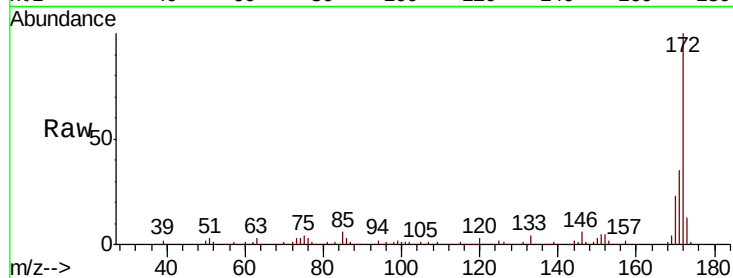




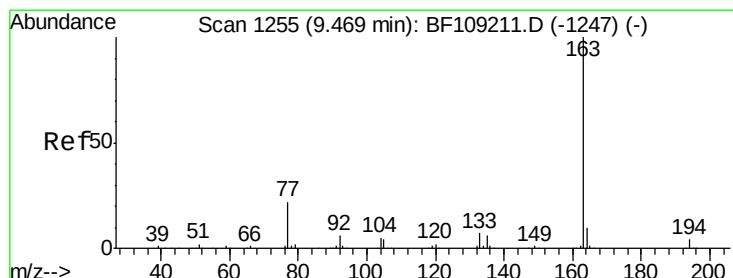
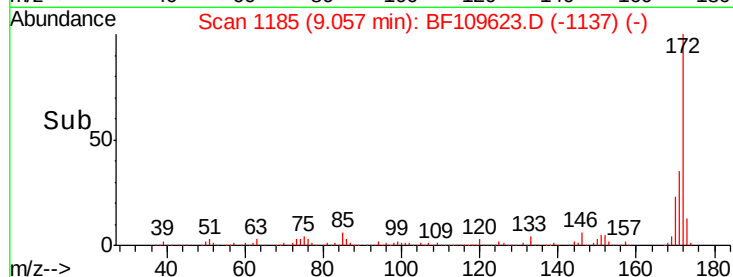
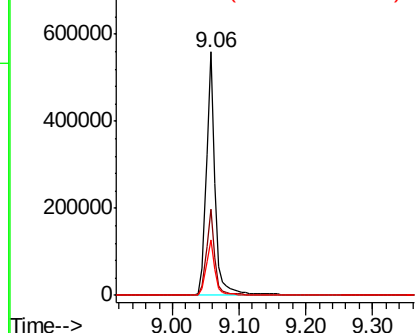
#44
2-Fluorobiphenyl
Concen: 54.898 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF109623.D
Acq: 5 Oct 2018 22:00

Instrument :
BNA_F
ClientSampleId :
GRID12-COMP-100318

Tgt Ion:172 Resp: 505454
Ion Ratio Lower Upper
172 100
171 35.4 29.7 44.5
170 23.0 19.6 29.4

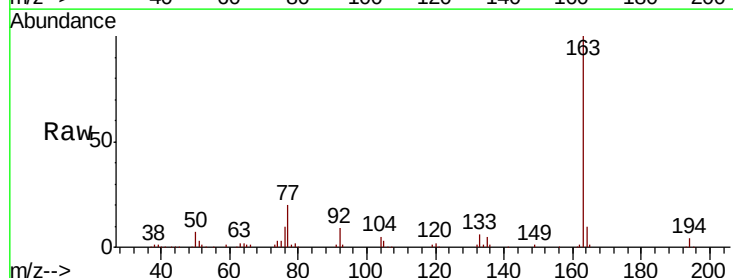


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

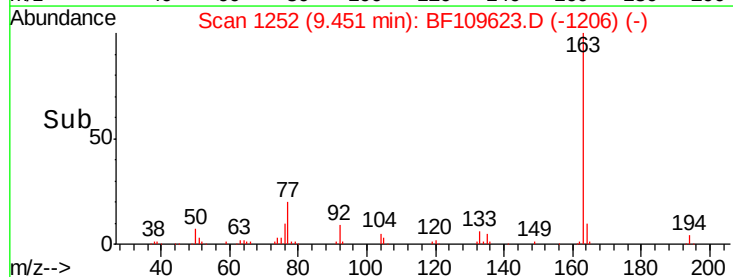
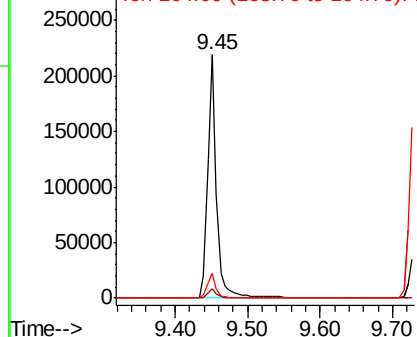


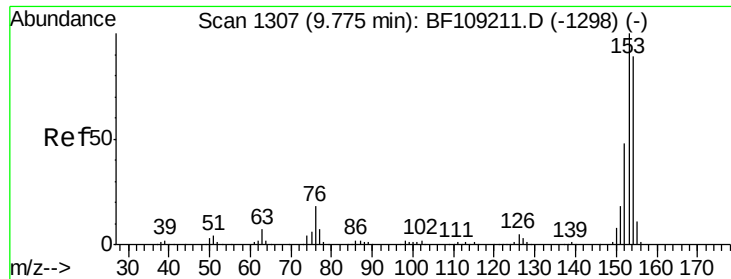
#49
Dimethylphthalate
Concen: 18.567 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109623.D
Acq: 5 Oct 2018 22:00

Tgt Ion:163 Resp: 187522
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.9 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: 4.616 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BF109623.D

Acq: 5 Oct 2018 22:00

Instrument :

BNA_F

ClientSampleId :

GRID12-COMP-100318

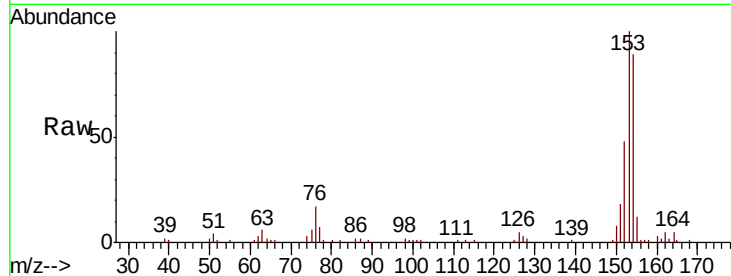
Tgt Ion:154 Resp: 38050

Ion Ratio Lower Upper

154 100

153 112.2 91.2 136.8

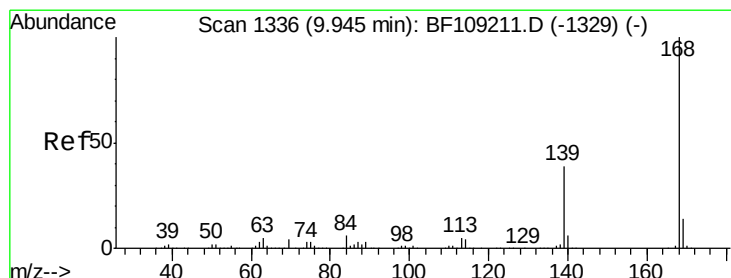
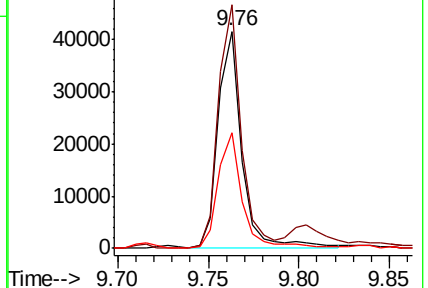
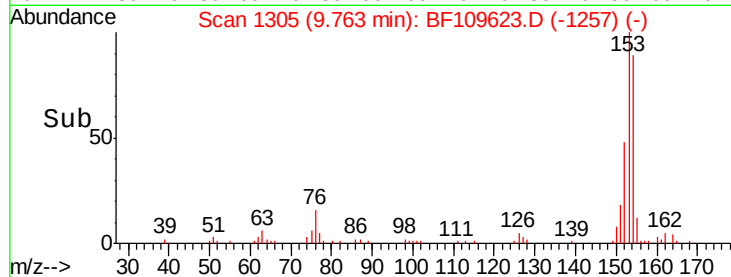
152 53.6 43.8 65.8



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: 4.517 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.02 min

Lab File: BF109623.D

Acq: 5 Oct 2018 22:00

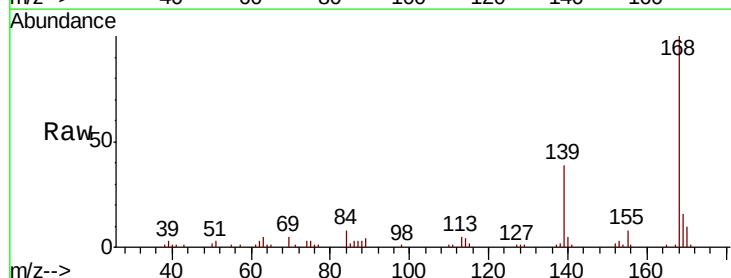
Tgt Ion:168 Resp: 55381

Ion Ratio Lower Upper

168 100

139 38.5 30.1 45.1

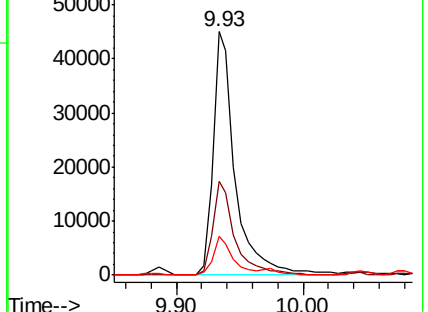
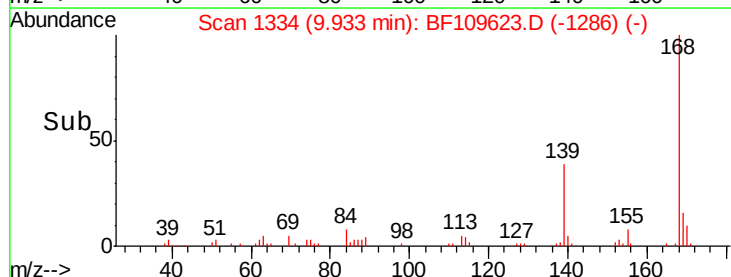
169 15.9 10.9 16.3

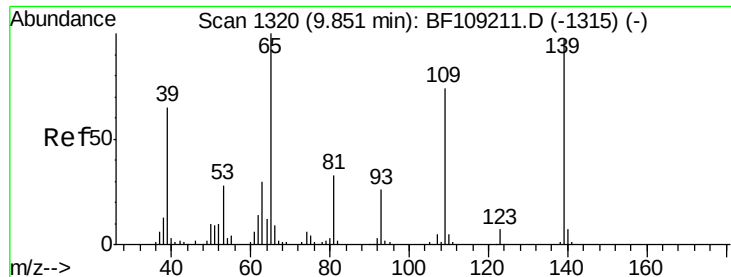


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

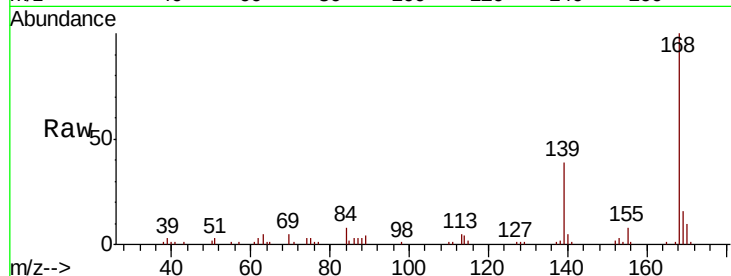




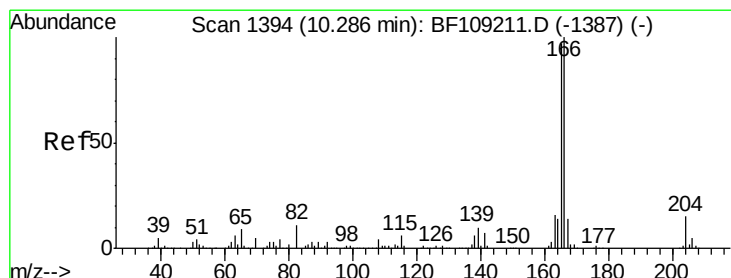
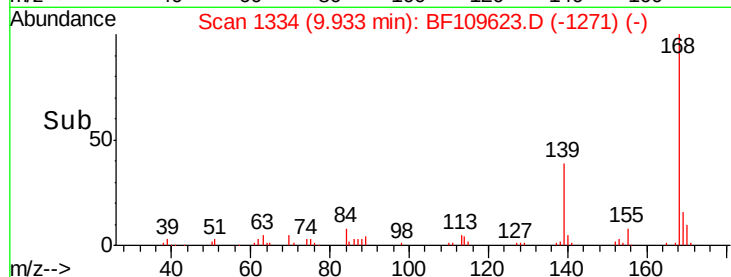
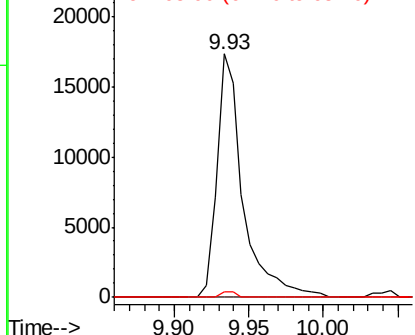
#55
4-Nitrophenol
Concen: 12.103 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.07 min
Lab File: BF109623.D
Acq: 5 Oct 2018 22:00

Instrument :
BNA_F
ClientSampleId :
GRID12-COMP-100318

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	2.0	72.6	112.6#

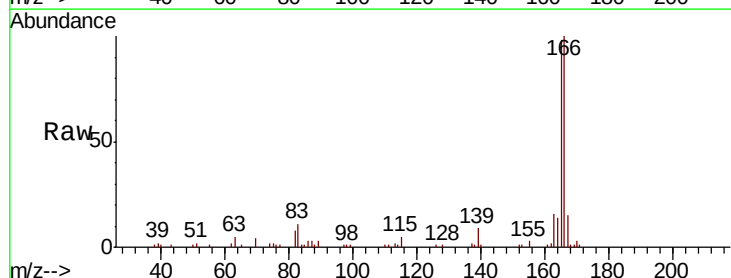


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

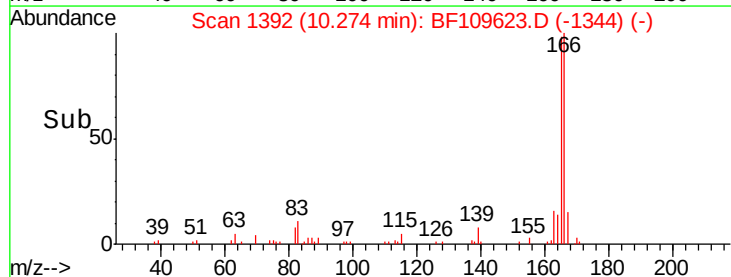
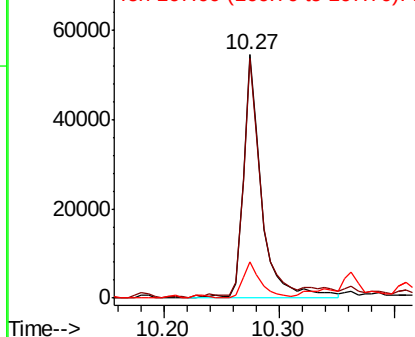


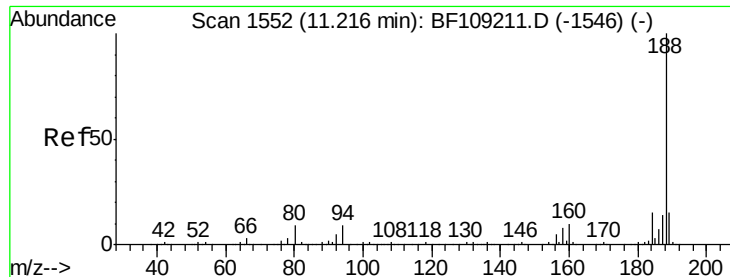
#57
Fluorene
Concen: 6.770 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.02 min
Lab File: BF109623.D
Acq: 5 Oct 2018 22:00

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.8	119.8
167	15.1	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

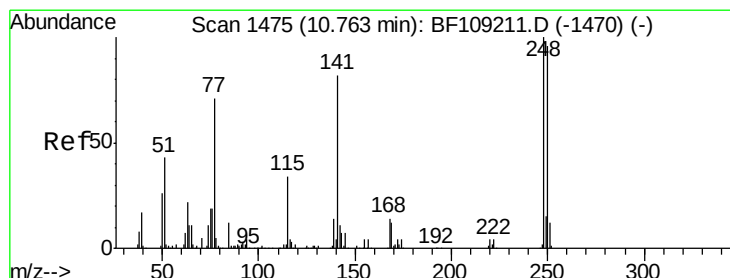
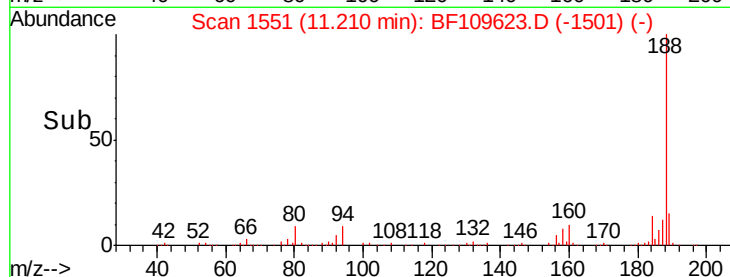
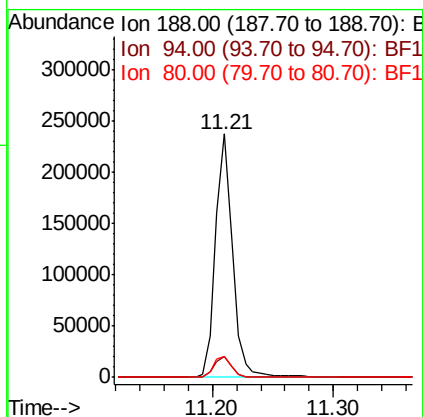
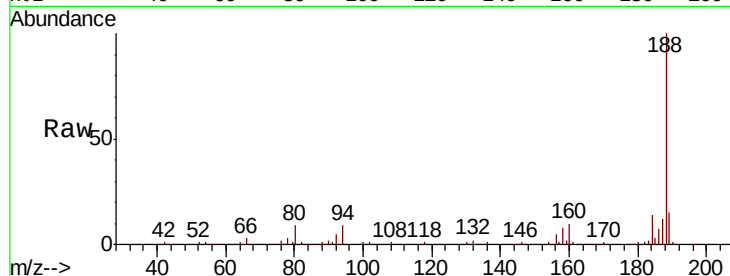




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109623.D
 Acq: 5 Oct 2018 22:00

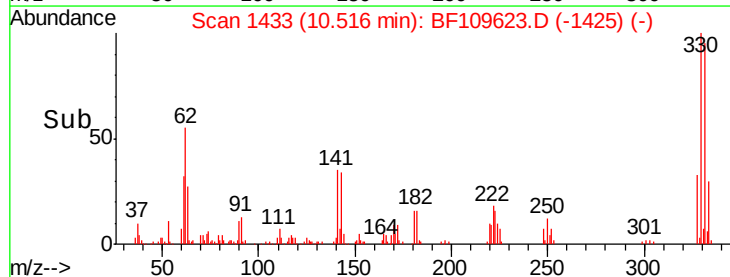
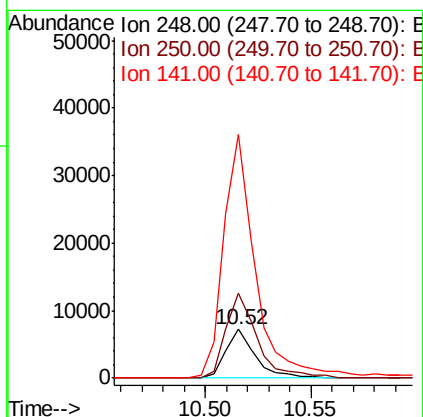
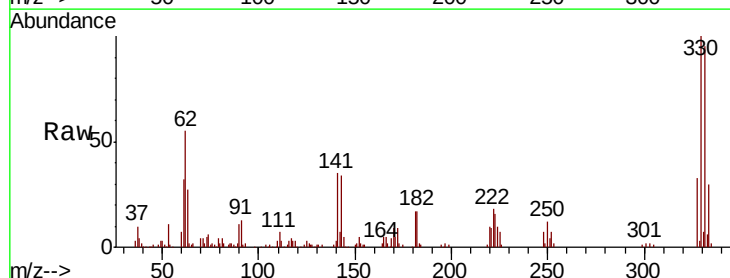
Instrument :
 BNA_F
 ClientSampleId :
 GRID12-COMP-100318

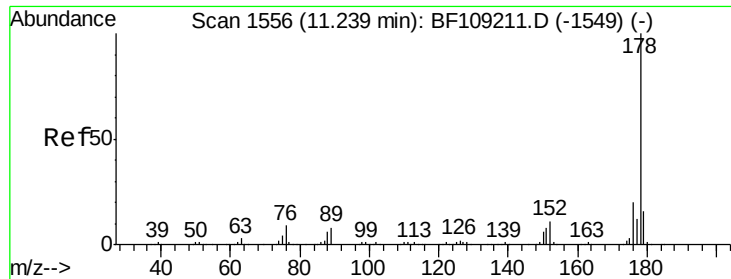
Tgt Ion:188 Resp: 229158
 Ion Ratio Lower Upper
 188 100
 94 8.8 8.5 12.7
 80 8.8 9.2 13.8#



#66
 4-Bromophenyl-phenylether
 Concen: 2.739 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.25 min
 Lab File: BF109623.D
 Acq: 5 Oct 2018 22:00

Tgt Ion:248 Resp: 6969
 Ion Ratio Lower Upper
 248 100
 250 174.8 76.9 115.3#
 141 498.3 74.4 111.6#

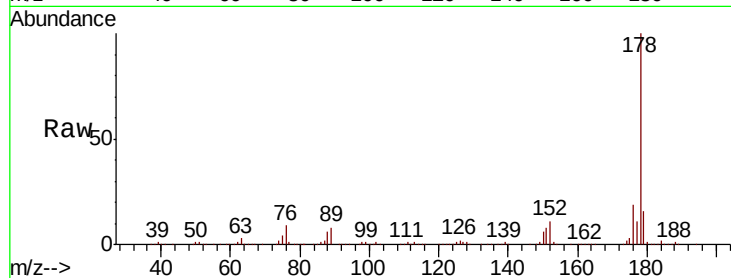




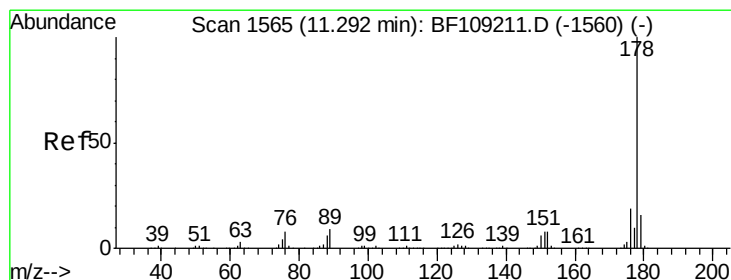
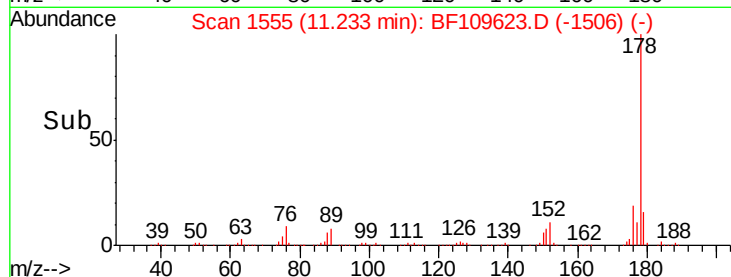
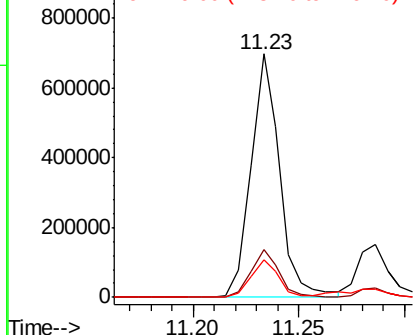
#70
Phenanthrene
Concen: 57.483 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF109623.D
Acq: 5 Oct 2018 22:00

Instrument :
BNA_F
ClientSampleId :
GRID12-COMP-100318

Tgt Ion:178 Resp: 657705
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 15.6 13.0 19.6

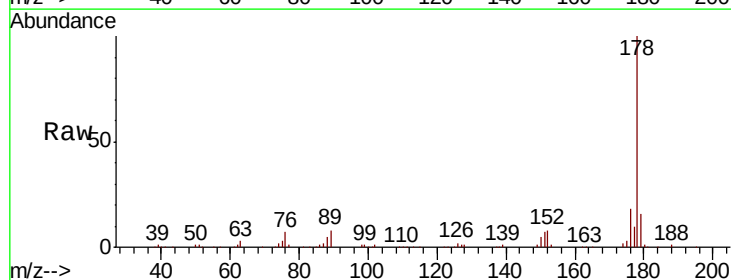


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

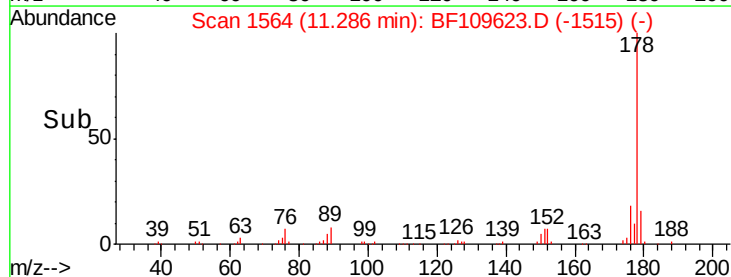
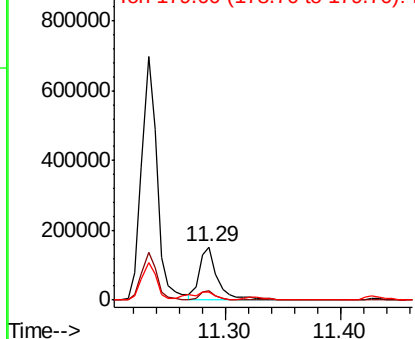


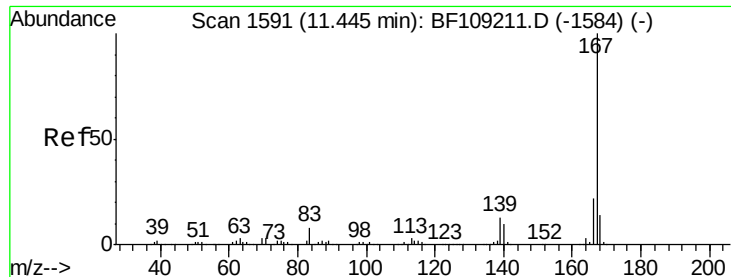
#71
Anthracene
Concen: 14.691 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF109623.D
Acq: 5 Oct 2018 22:00

Tgt Ion:178 Resp: 170495
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.2
179 16.3 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: 6.554 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF109623.D

Acq: 5 Oct 2018 22:00

Instrument :

BNA_F

ClientSampleId :

GRID12-COMP-100318

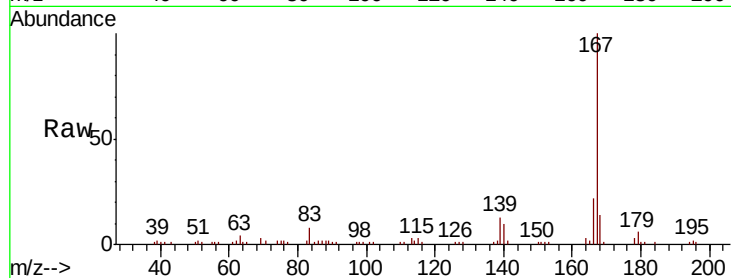
Tgt Ion:167 Resp: 75674

Ion Ratio Lower Upper

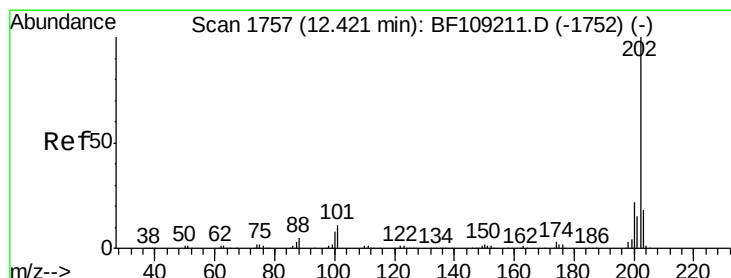
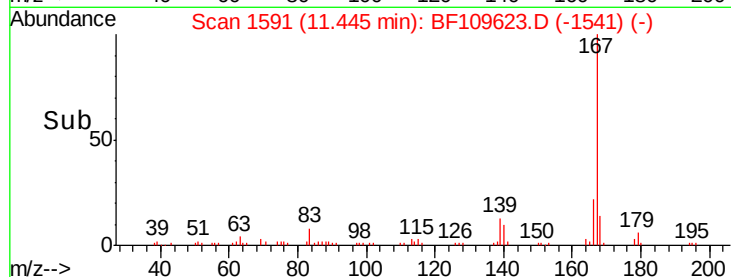
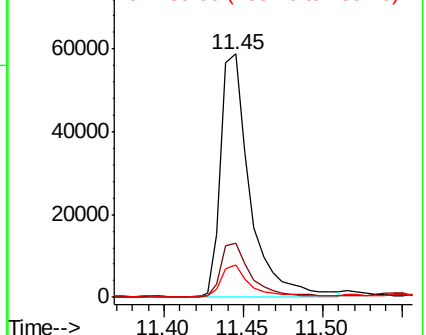
167 100

166 22.1 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: 55.829 ng

RT: 12.42 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BF109623.D

Acq: 5 Oct 2018 22:00

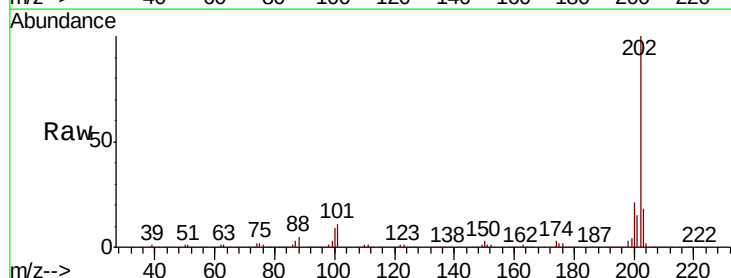
Tgt Ion:202 Resp: 682650

Ion Ratio Lower Upper

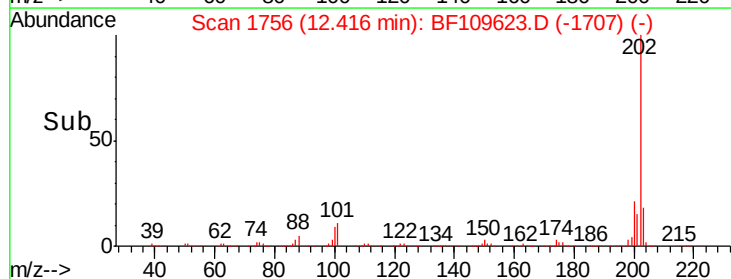
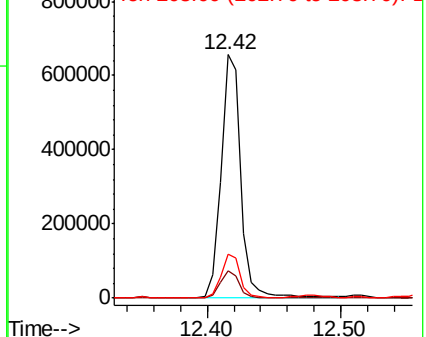
202 100

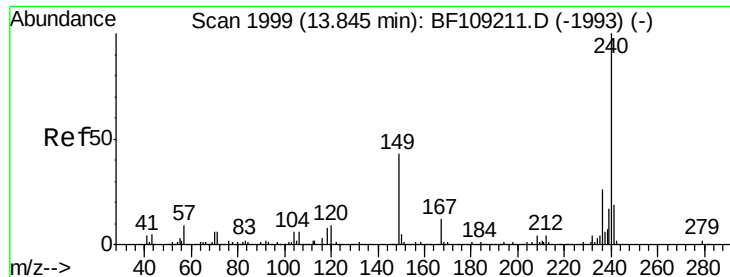
101 11.1 0.0 34.1

203 17.8 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: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109623.D

Acq: 5 Oct 2018 22:00

Instrument :

BNA_F

ClientSampleId :

GRID12-COMP-100318

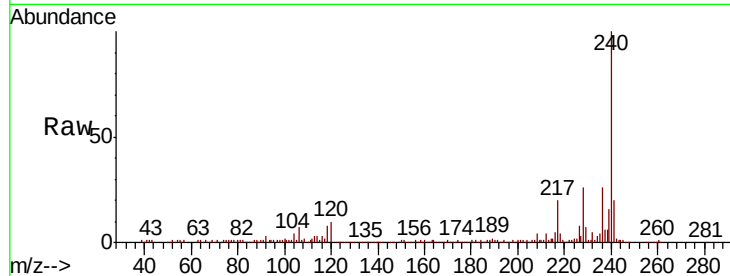
Tgt Ion:240 Resp: 213770

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

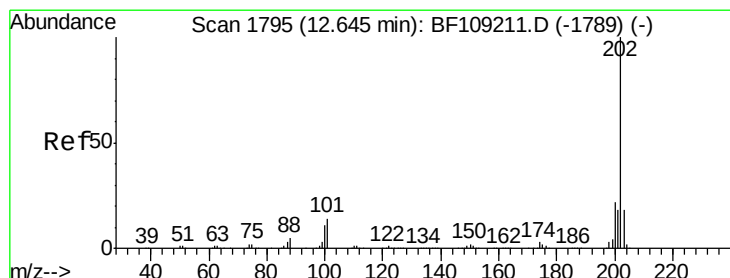
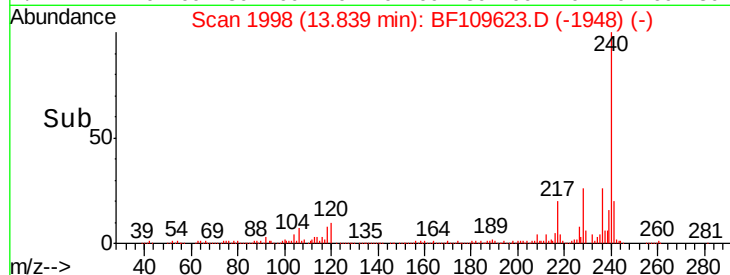
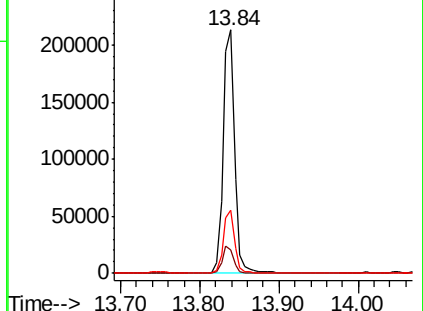
236 25.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 38.407 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF109623.D

Acq: 5 Oct 2018 22:00

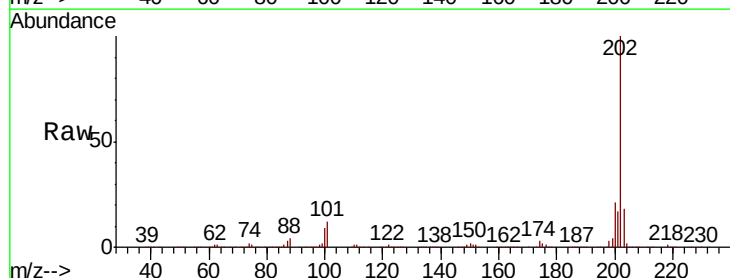
Tgt Ion:202 Resp: 588420

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

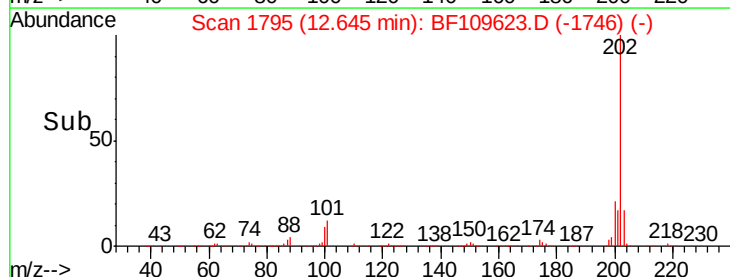
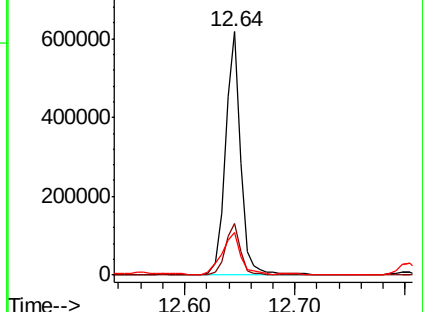
203 17.5 14.3 21.5

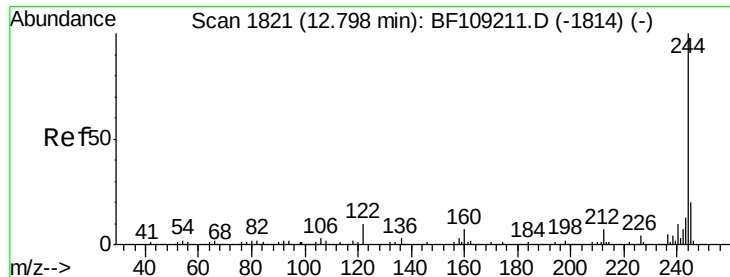


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 41.743 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BF109623.D

Acq: 5 Oct 2018 22:00

Instrument :

BNA_F

ClientSampleId :

GRID12-COMP-100318

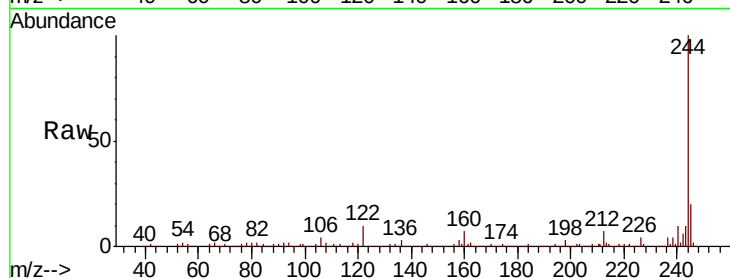
Tgt Ion:244 Resp: 363602

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

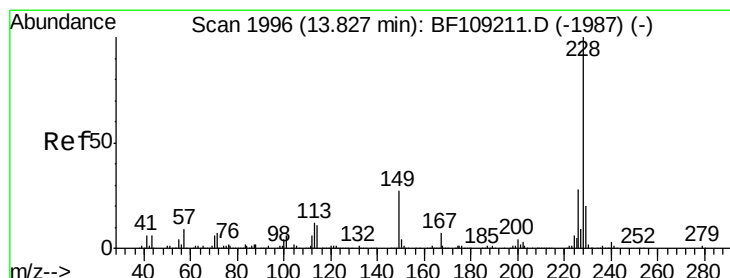
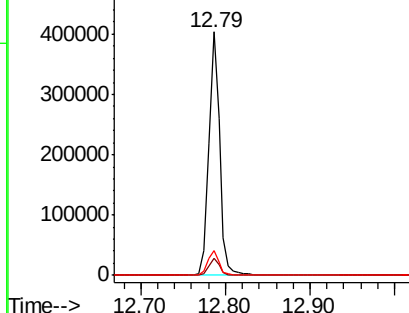
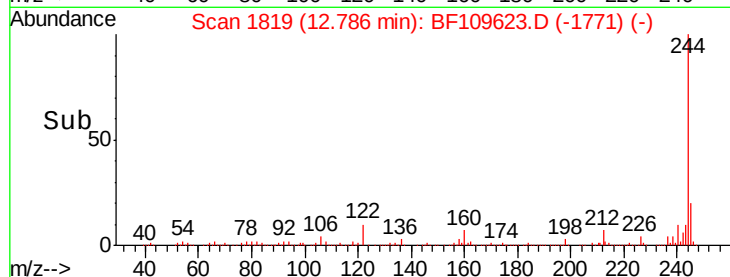
122 10.4 11.0 16.4#



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: 25.381 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109623.D

Acq: 5 Oct 2018 22:00

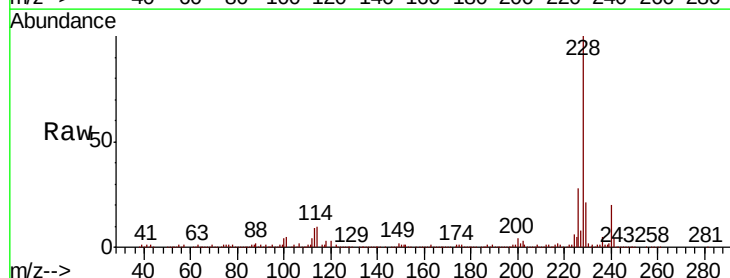
Tgt Ion:228 Resp: 326808

Ion Ratio Lower Upper

228 100

226 28.4 22.6 33.8

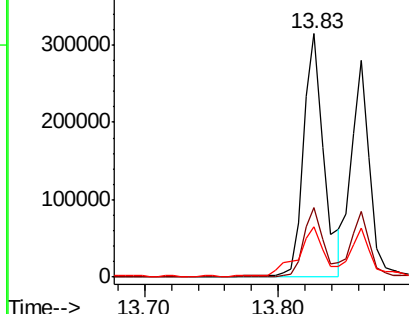
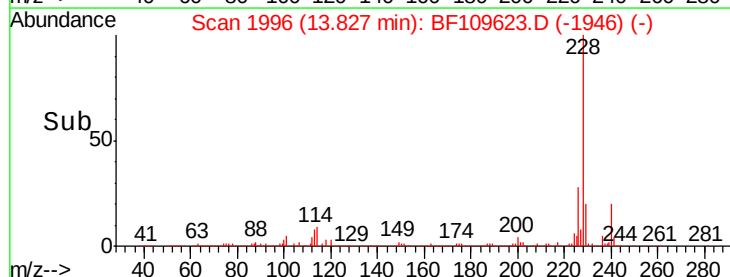
229 20.5 15.8 23.6

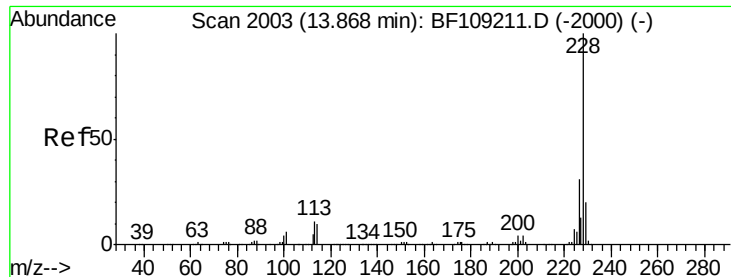


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 21.190 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF109623.D

Acq: 5 Oct 2018 22:00

Instrument :

BNA_F

ClientSampleId :

GRID12-COMP-100318

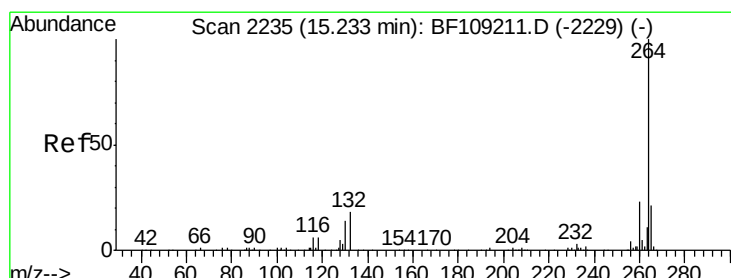
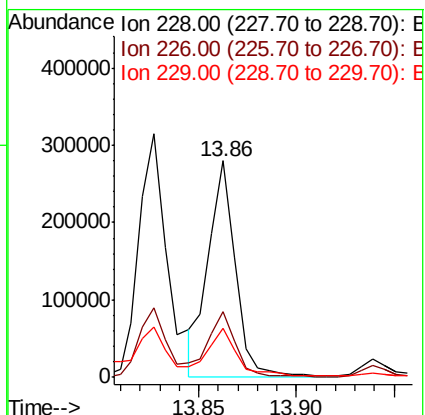
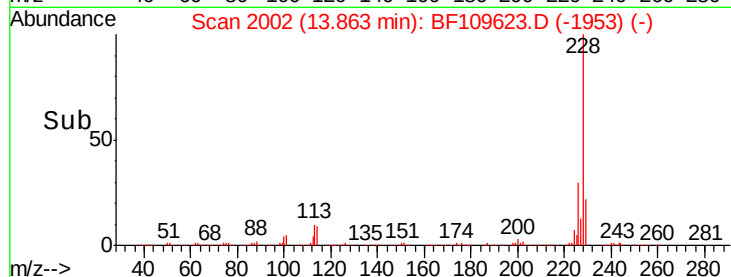
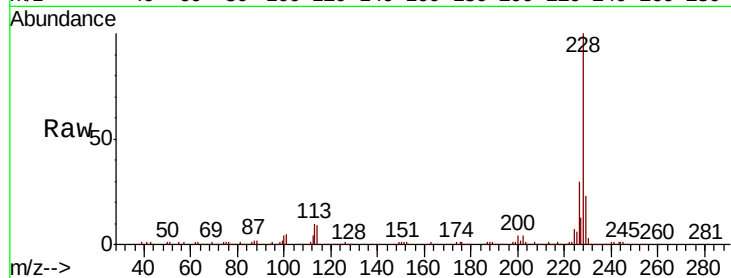
Tgt Ion:228 Resp: 270423

Ion Ratio Lower Upper

228 100

226 30.1 25.0 37.6

229 22.7 16.2 24.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BF109623.D

Acq: 5 Oct 2018 22:00

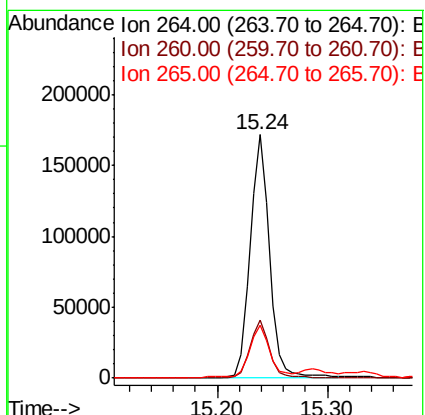
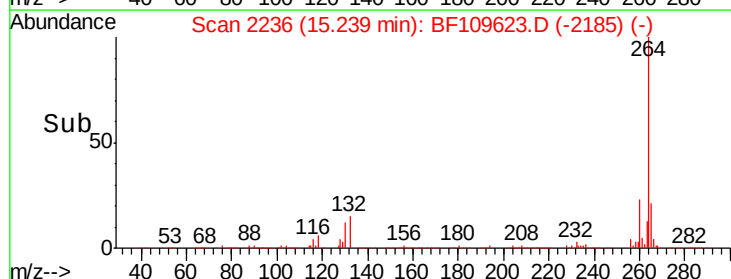
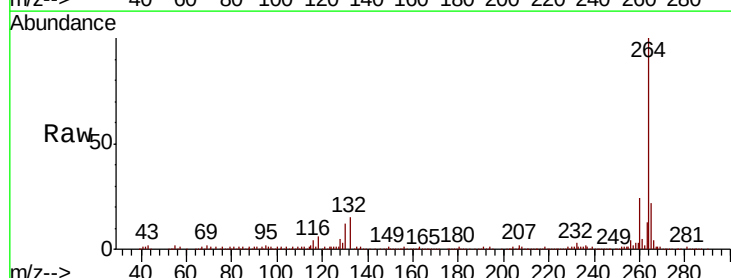
Tgt Ion:264 Resp: 213379

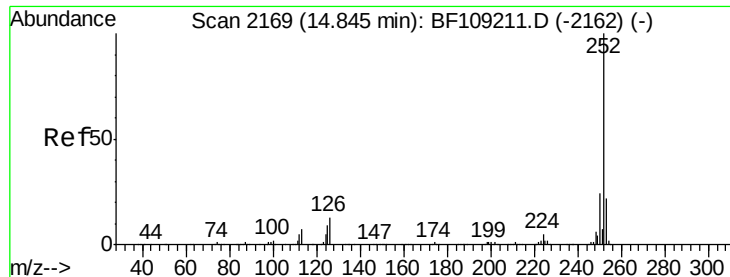
Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.6 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 32.838 ng

RT: 14.84 min Scan# 2169

Delta R.T. -0.01 min

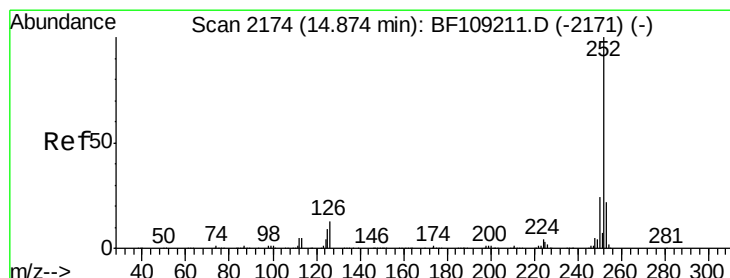
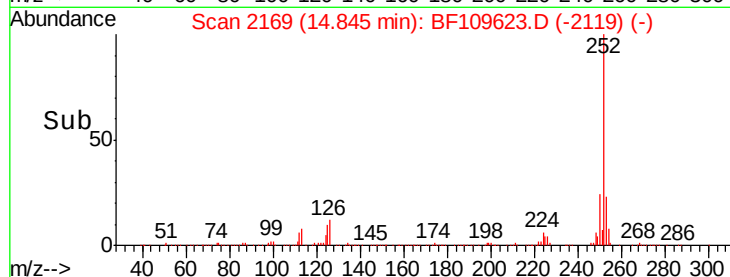
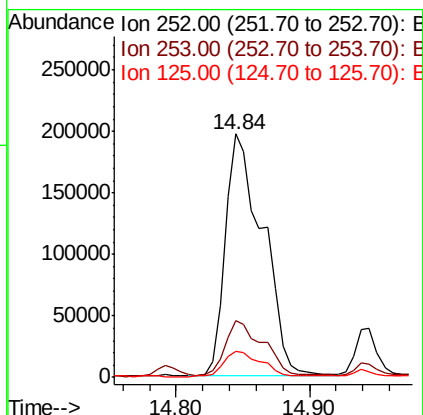
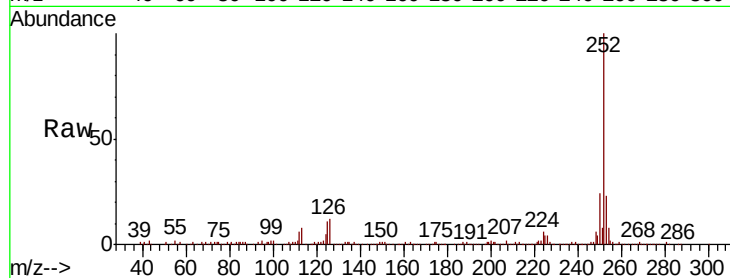
Lab File: BF109623.D

Acq: 5 Oct 2018 22:00

Instrument :
BNA_F
ClientSampleId :
GRID12-COMP-100318

Tgt Ion:252 Resp: 385029

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	10.7	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 34.606 ng

RT: 14.84 min Scan# 2169

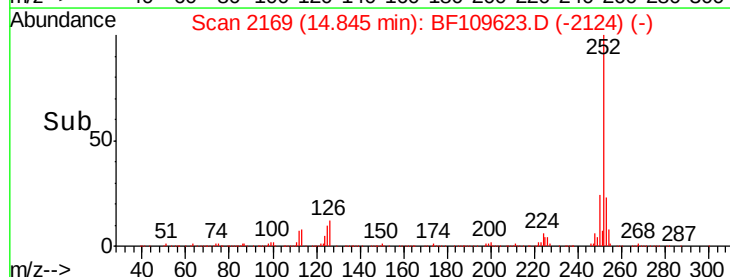
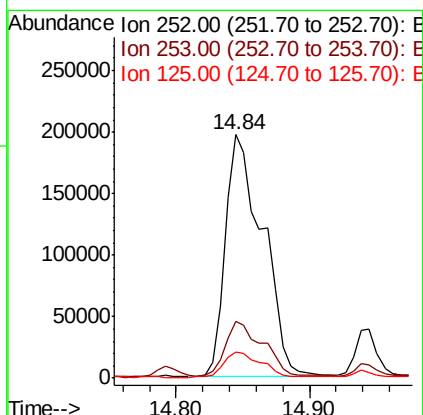
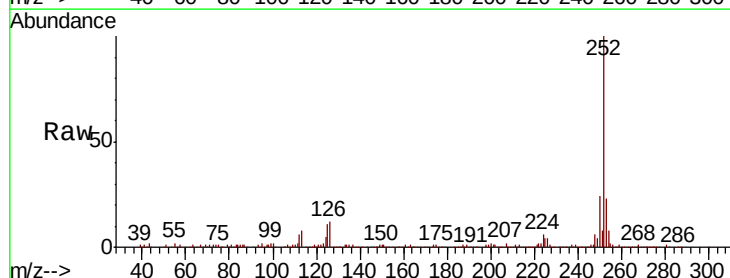
Delta R.T. -0.04 min

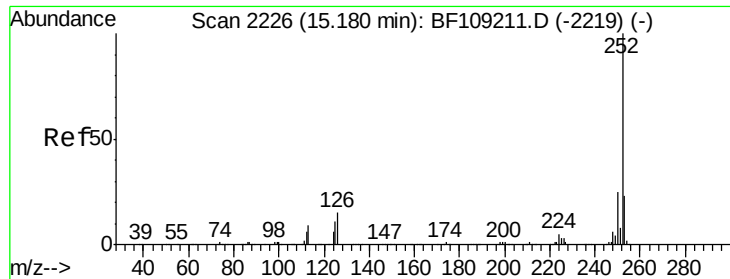
Lab File: BF109623.D

Acq: 5 Oct 2018 22:00

Tgt Ion:252 Resp: 385029

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	10.7	10.2	15.2





#89

Benzo(a)pyrene

Concen: 18.995 ng

RT: 15.18 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BF109623.D

Acq: 5 Oct 2018 22:00

Instrument :

BNA_F

ClientSampleId :

GRID12-COMP-100318

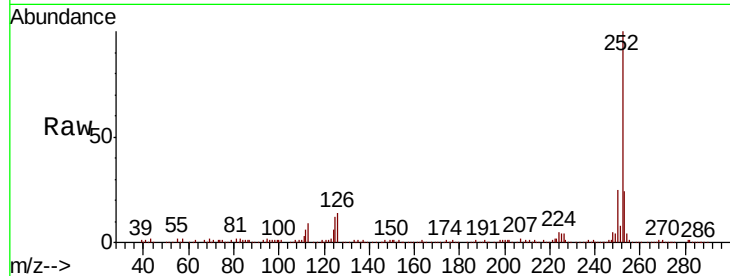
Tgt Ion:252 Resp: 200692

Ion Ratio Lower Upper

252 100

253 24.5 17.1 25.7

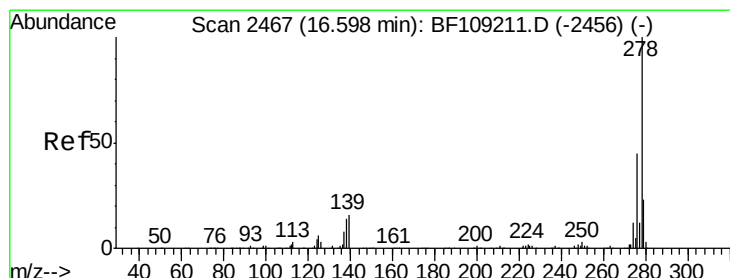
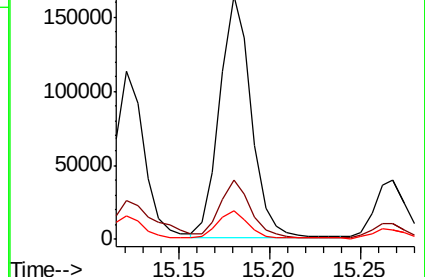
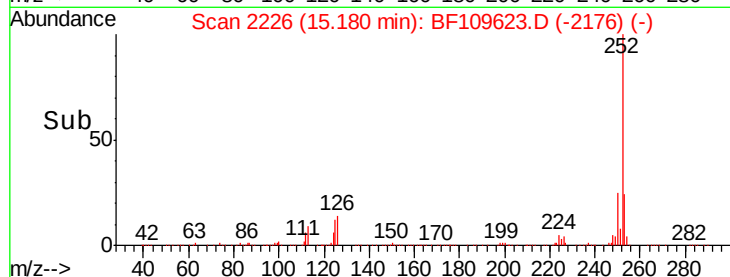
125 11.8 9.8 14.6



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: 2.558 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.14 min

Lab File: BF109623.D

Acq: 5 Oct 2018 22:00

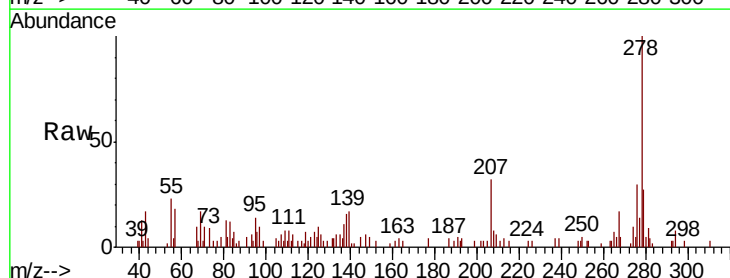
Tgt Ion:278 Resp: 22176

Ion Ratio Lower Upper

278 100

139 16.9 15.9 23.9

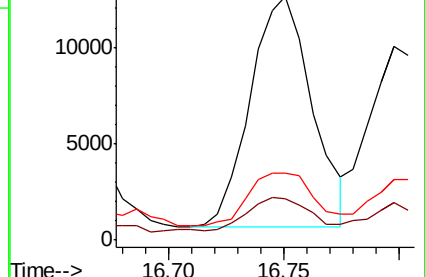
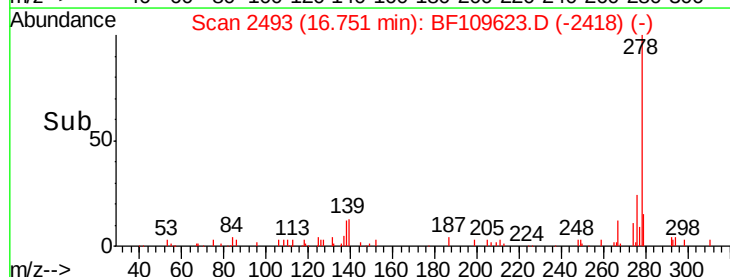
279 27.4 19.0 28.4

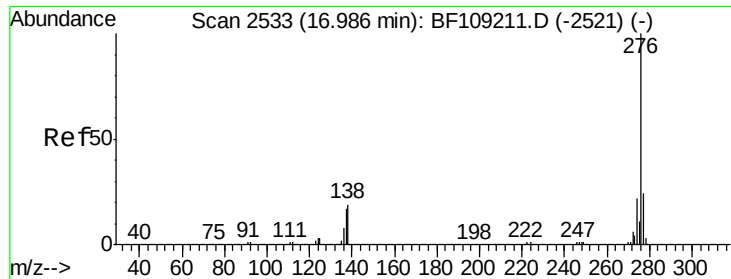


Abundance Ion 278.00 (277.70 to 278.70): E

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: 9.768 ng
 RT: 16.99 min Scan# 2534
 Delta R.T. -0.01 min
 Lab File: BF109623.D
 Acq: 5 Oct 2018 22:00

Instrument :
 BNA_F
 ClientSampleId :
 GRID12-COMP-100318

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.5	17.9	26.9
138	21.4	21.8	32.8

