

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100518\
 Data File : BF109628.D
 Acq On : 6 Oct 2018 00:20
 Operator : JU/SJ
 Sample : J5263-04 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID13-COMP-100318

Quant Time: Oct 06 05:58:32 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	101801	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	416659	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	183537	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	281156	20.00	ng	0.00
75) Chrysene-d12	13.84	240	217952	20.00	ng	0.00
86) Perylene-d12	15.24	264	226448	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	197943	32.03	ng	0.00
7) Phenol-d6	6.35	99	276133	35.01	ng	-0.01
23) Nitrobenzene-d5	7.26	82	178640	25.31	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	51660	28.55	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	290992	23.91	ng	-0.02
78) Terphenyl-d14	12.79	244	187834	21.15	ng	-0.02

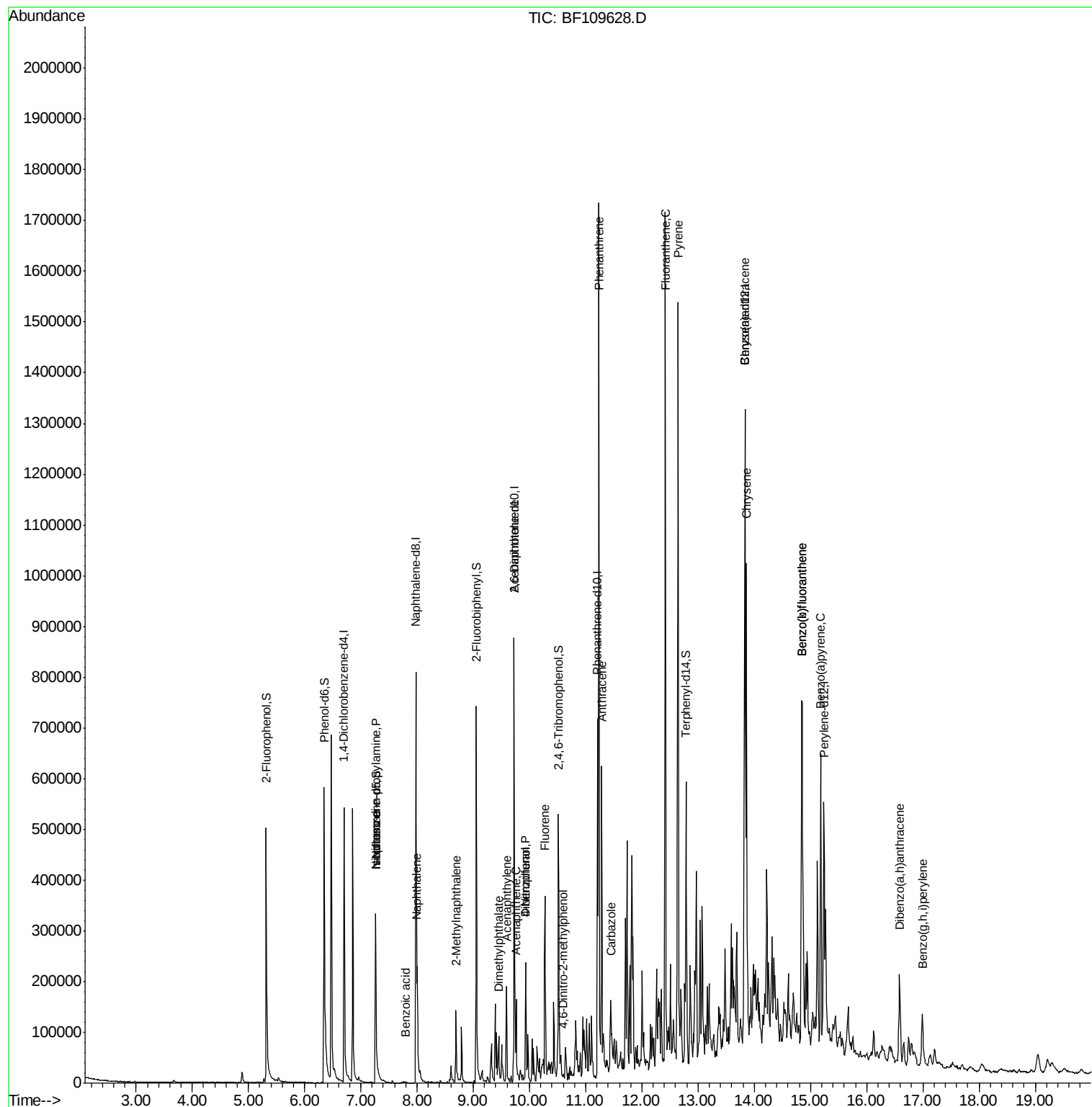
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	22157	4.287	ng	# 79
25) Isophorone	7.26	82	170650	13.426	ng	# 64
31) Naphthalene	8.00	128	107603	5.527	ng	# 98
32) Benzoic acid	7.80	122	672	6.950	ng	# 1
37) 2-Methylnaphthalene	8.69	142	48972	3.902	ng	# 98
48) Acenaphthylene	9.59	152	86591	4.805	ng	# 98
49) Dimethylphthalate	9.45	163	36921	2.766	ng	# 99
50) 2,6-Dinitrotoluene	9.73	165	23935	9.053	ng	# 26
51) Acenaphthene	9.76	154	35267	3.237	ng	# 97
54) Dibenzofuran	9.93	168	84911	5.240	ng	# 97
55) 4-Nitrophenol	9.93	139	33665	14.596	ng	# 10
57) Fluorene	10.27	166	106808	9.238	ng	# 97
64) 4,6-Dinitro-2-methylphenol	10.60	198	705	7.061	ng	# 53
70) Phenanthrene	11.23	178	653675	46.564	ng	# 99
71) Anthracene	11.29	178	296352	20.814	ng	# 98
72) Carbazole	11.45	167	71315	5.034	ng	# 99
74) Fluoranthene	12.42	202	760975	50.725	ng	# 97
77) Pyrene	12.65	202	649343	41.571	ng	# 99
80) Benzo(a)anthracene	13.83	228	446874	34.040	ng	# 93
82) Chrysene	13.86	228	357100	27.444	ng	# 97
87) Benzo(b)fluoranthene	14.84	252	524457	42.148	ng	# 97
88) Benzo(k)fluoranthene	14.84	252	524457	44.417	ng	# 98
89) Benzo(a)pyrene	15.18	252	267961	23.899	ng	# 95
90) Dibenz(a,h)anthracene	16.59	278	35238	3.831	ng	# 92
91) Benzo(g,h,i)perylene	16.99	276	83585	9.246	ng	# 92

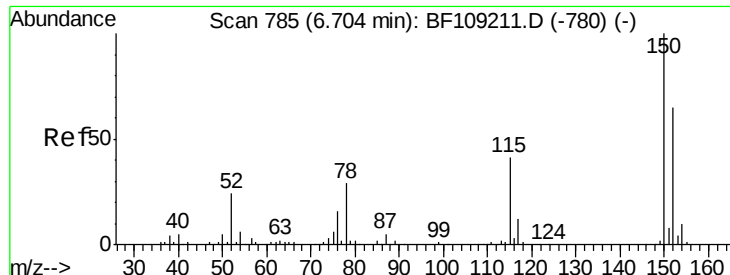
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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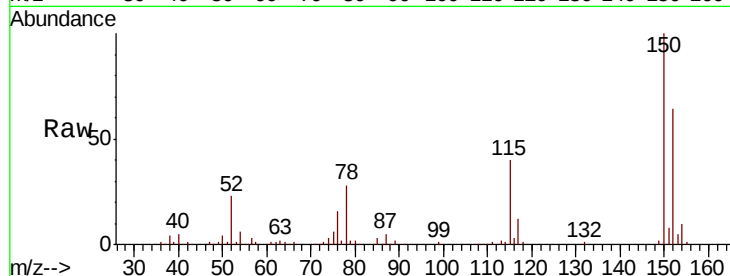


#1

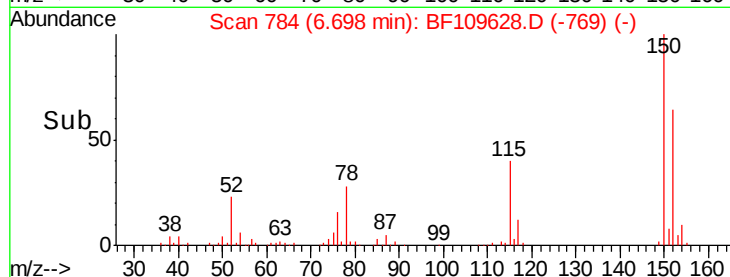
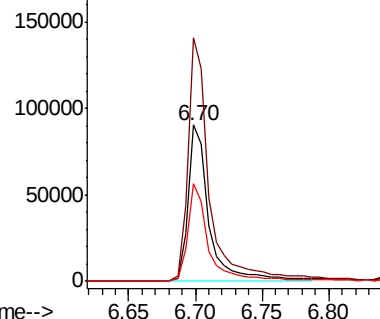
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF109628.D
Acq: 6 Oct 2018 00:20

Instrument :
BNA_F
ClientSampleId :
GRID13-COMP-100318

Tgt Ion:152 Resp: 101801
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 62.3 50.1 75.1



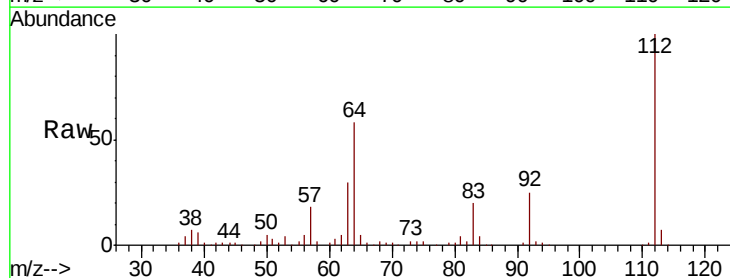
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



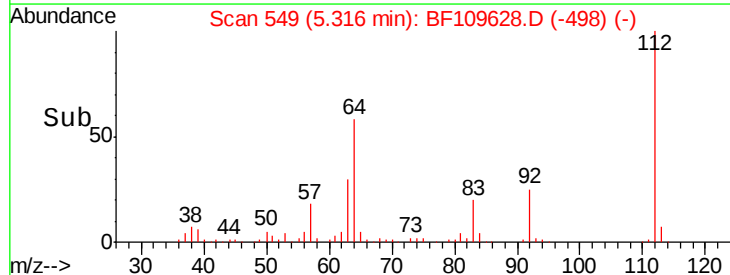
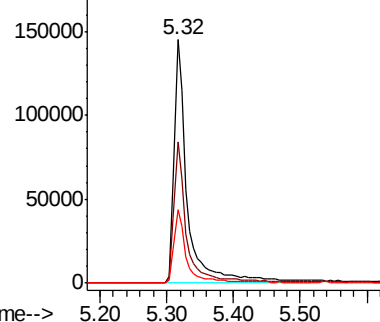
#5

2-Fluorophenol
Concen: 32.026 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109628.D
Acq: 6 Oct 2018 00:20

Tgt Ion:112 Resp: 197943
Ion Ratio Lower Upper
112 100
64 57.9 47.9 71.9
63 29.9 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: 35.012 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109628.D

Acq: 6 Oct 2018 00:20

Instrument :

BNA_F

ClientSampleId :

GRID13-COMP-100318

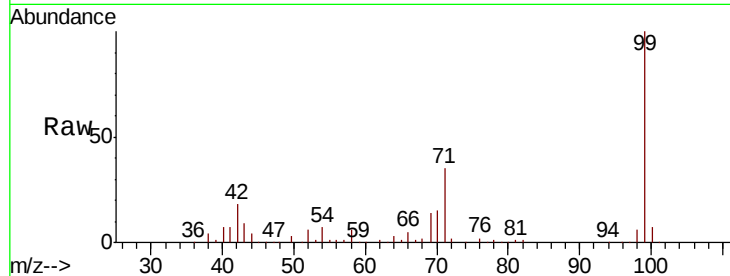
Tgt Ion: 99 Resp: 276133

Ion Ratio Lower Upper

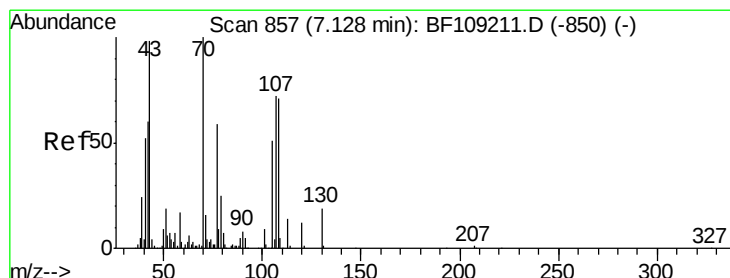
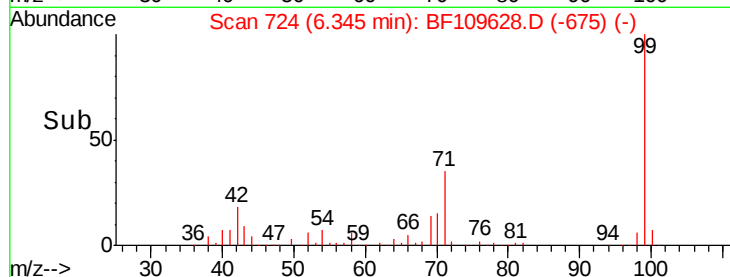
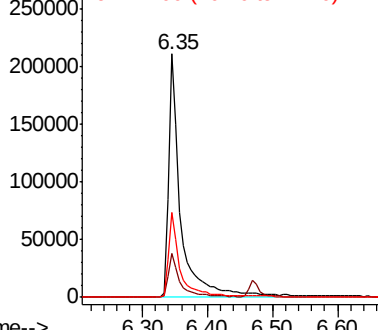
99 100

42 18.1 14.5 21.7

71 34.8 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: 4.287 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.12 min

Lab File: BF109628.D

Acq: 6 Oct 2018 00:20

Tgt Ion: 70 Resp: 22157

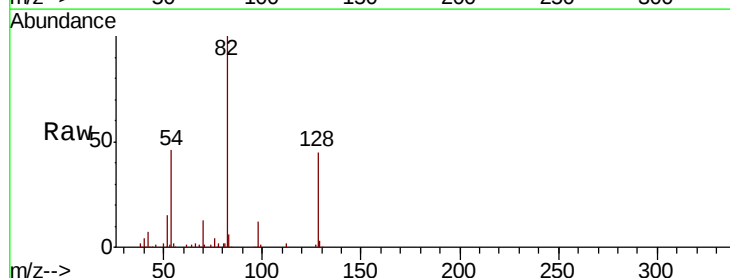
Ion Ratio Lower Upper

70 100

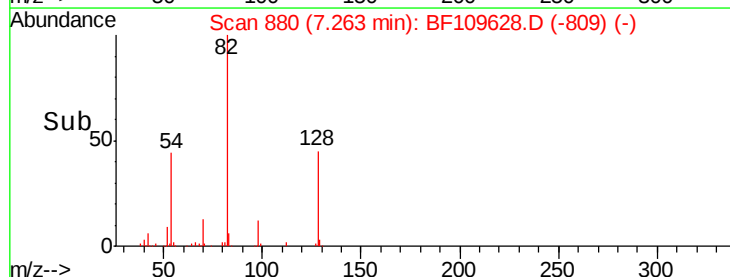
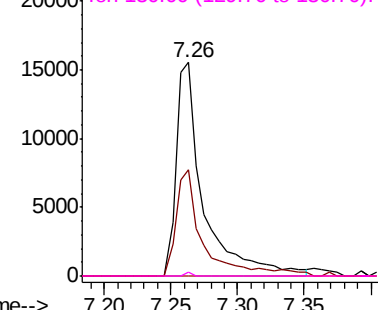
42 49.6 47.5 71.3

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: BF109628.D

Acq: 6 Oct 2018 00:20

Instrument :

BNA_F

ClientSampleId :

GRID13-COMP-100318

Tgt Ion:136 Resp: 416659

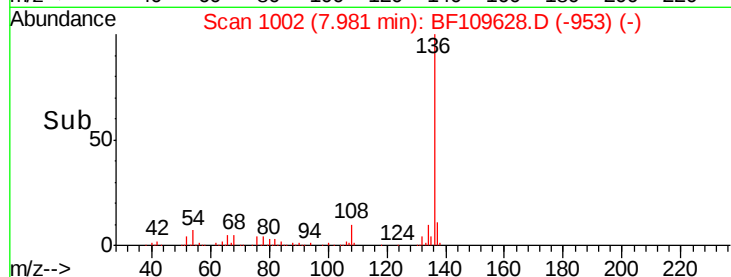
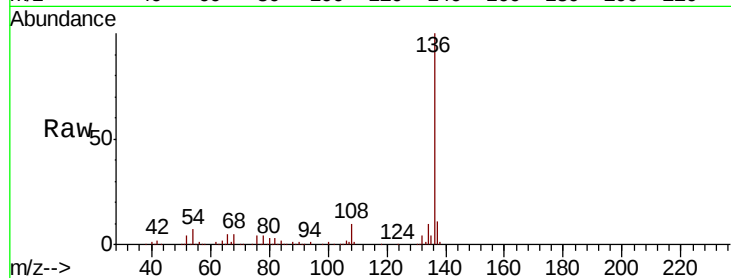
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.1 6.6 9.8

68 5.4 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

600000

500000

400000

300000

200000

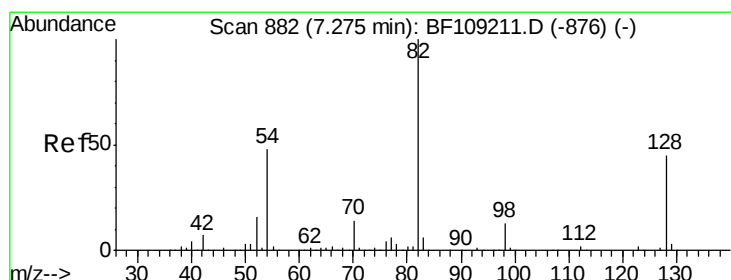
100000

0

7.98

7.90 8.00 8.10 8.20

Time-->



#23

Nitrobenzene-d5

Concen: 25.309 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109628.D

Acq: 6 Oct 2018 00:20

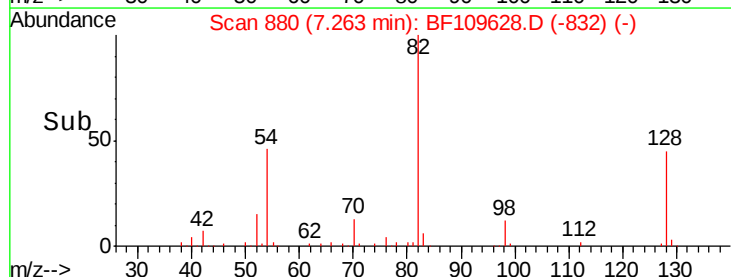
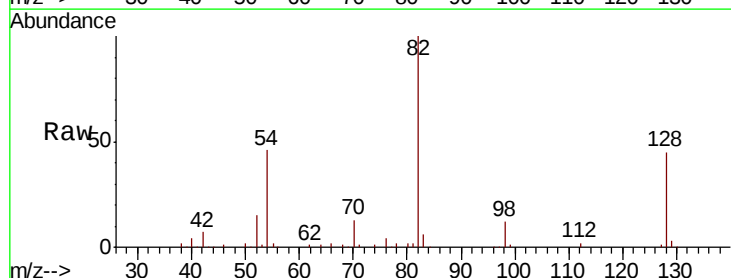
Tgt Ion: 82 Resp: 178640

Ion Ratio Lower Upper

82 100

128 45.2 36.1 54.1

54 45.5 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

150000

100000

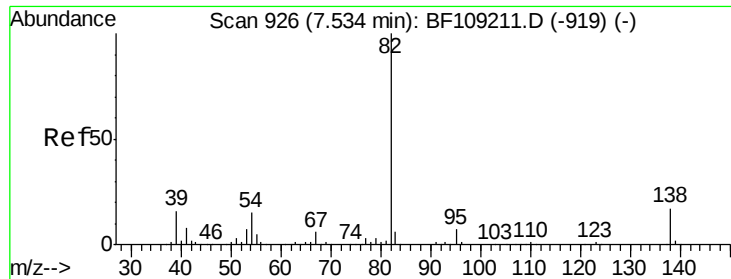
50000

0

7.26

7.20 7.40 7.60

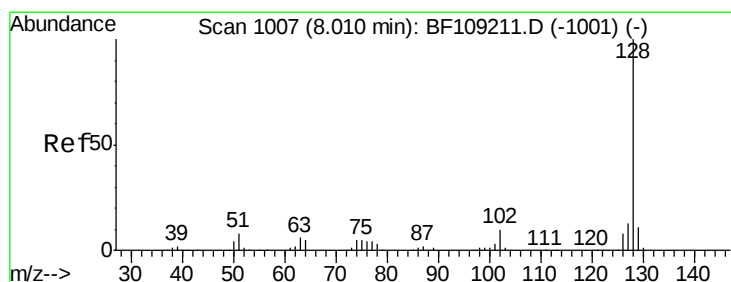
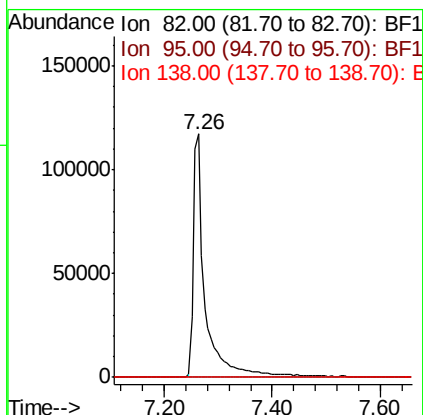
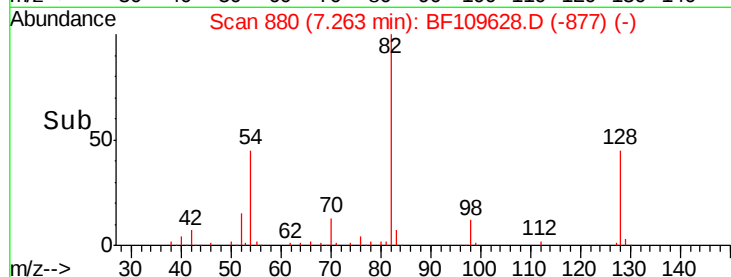
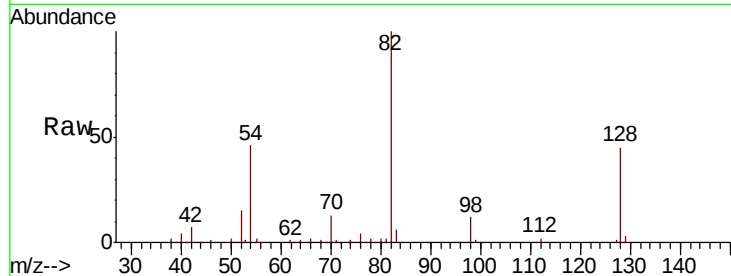
Time-->



#25
Isophorone
Concen: 13.426 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF109628.D
Acq: 6 Oct 2018 00:20

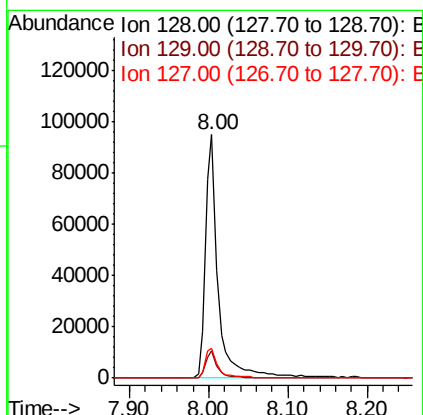
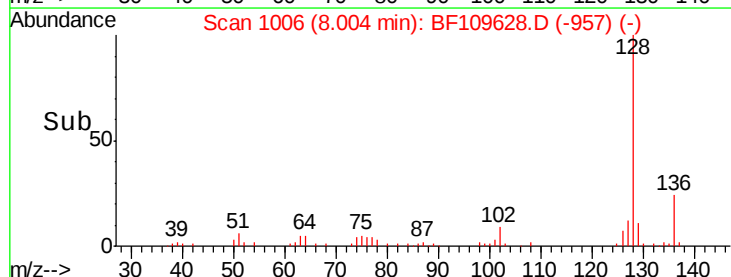
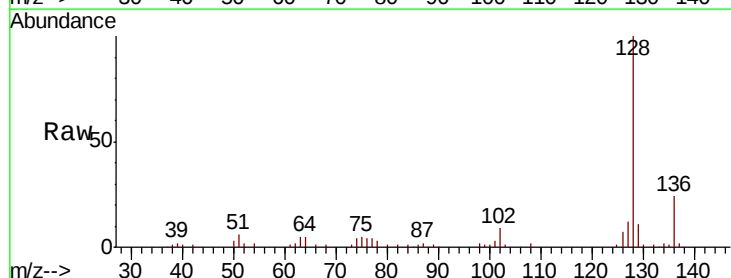
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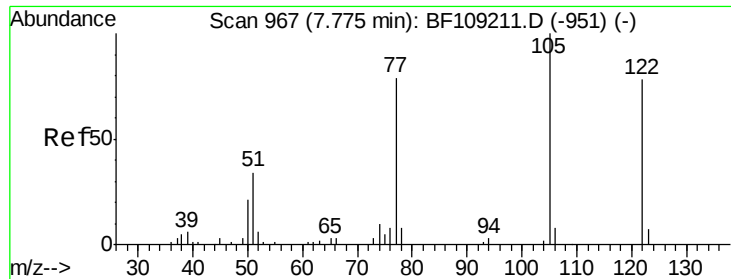
Tgt Ion: 82 Resp: 170650
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#31
Naphthalene
Concen: 5.527 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF109628.D
Acq: 6 Oct 2018 00:20

Tgt Ion: 128 Resp: 107603
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.4 10.9 16.3





#32

Benzoic acid

Concen: 6.950 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.02 min

Lab File: BF109628.D

Acq: 6 Oct 2018 00:20

Instrument :

BNA_F

ClientSampleId :

GRID13-COMP-100318

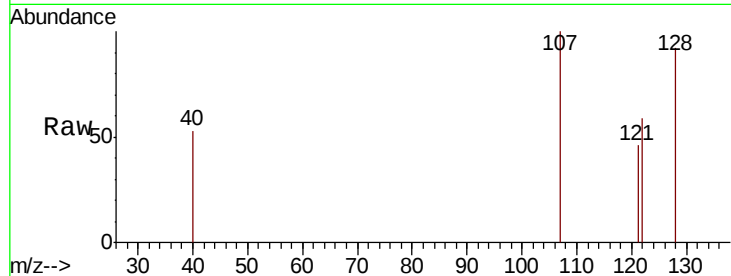
Tgt Ion:122 Resp: 672

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

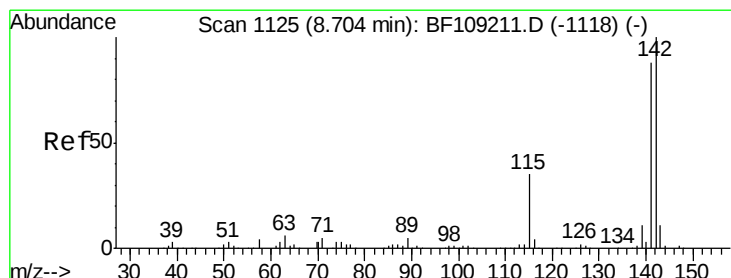
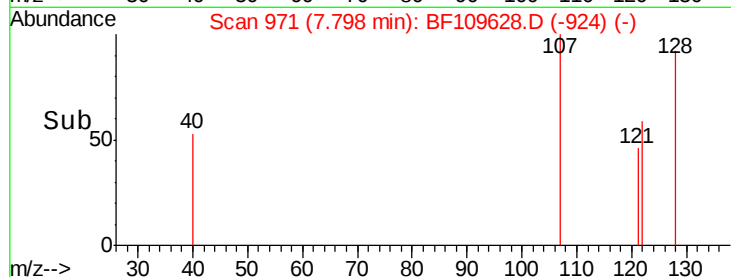
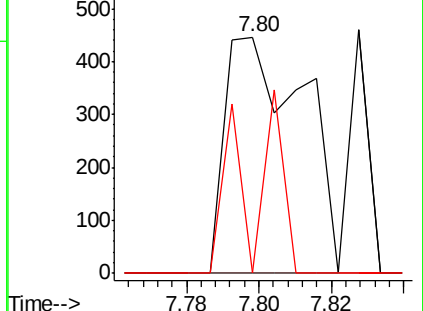
77 0.0 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#37

2-Methylnaphthalene

Concen: 3.902 ng

RT: 8.69 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BF109628.D

Acq: 6 Oct 2018 00:20

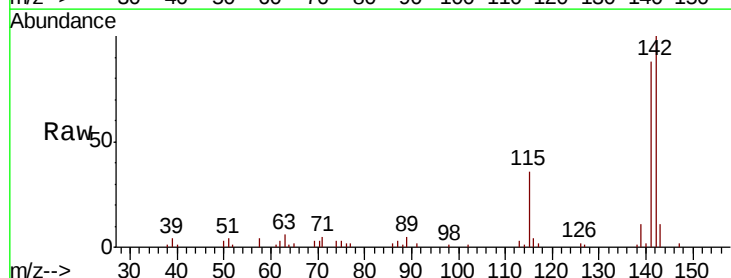
Tgt Ion:142 Resp: 48972

Ion Ratio Lower Upper

142 100

141 88.4 70.8 106.2

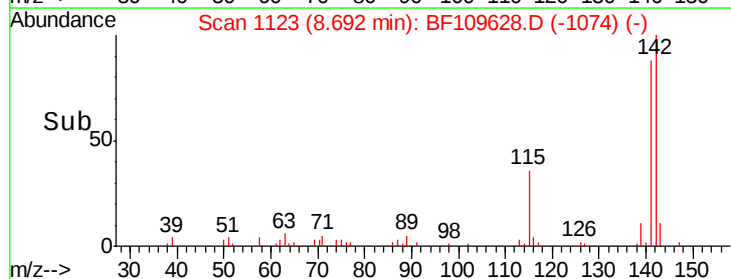
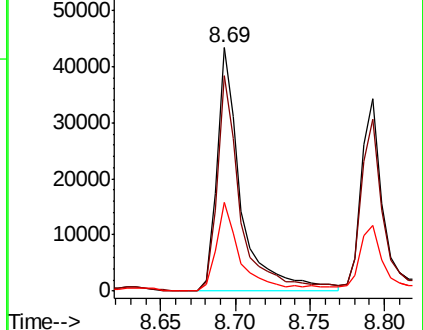
115 36.3 26.1 39.1

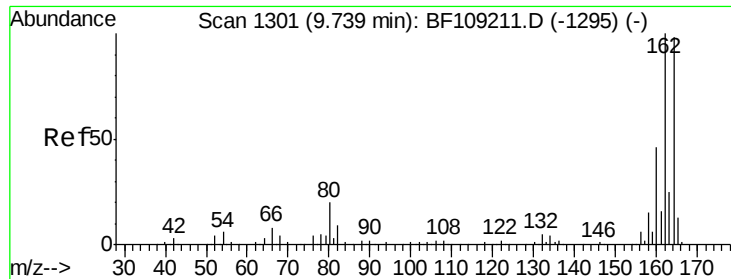


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

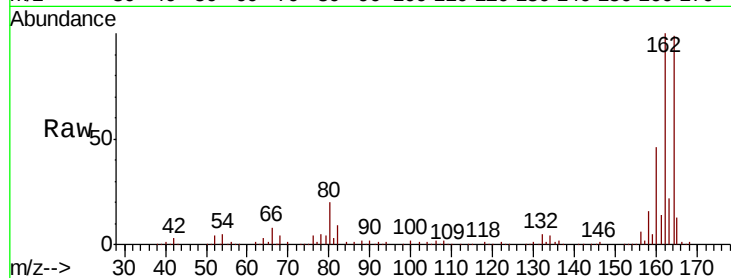




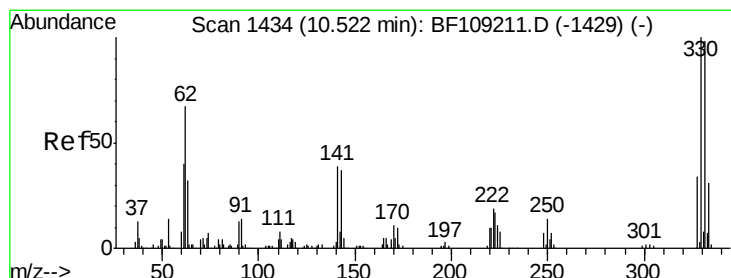
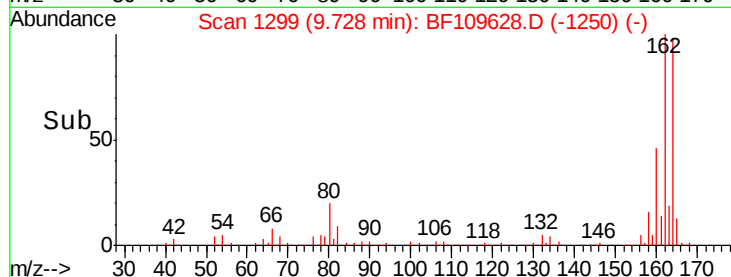
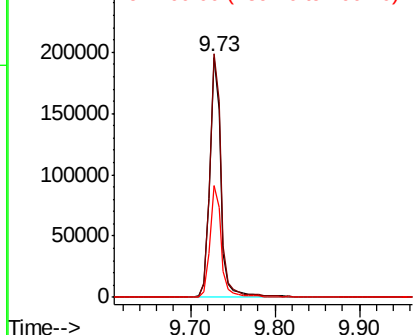
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109628.D
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Instrument :
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Tgt Ion:164 Resp: 183537
Ion Ratio Lower Upper
164 100
162 101.5 86.1 129.1
160 46.4 38.3 57.5

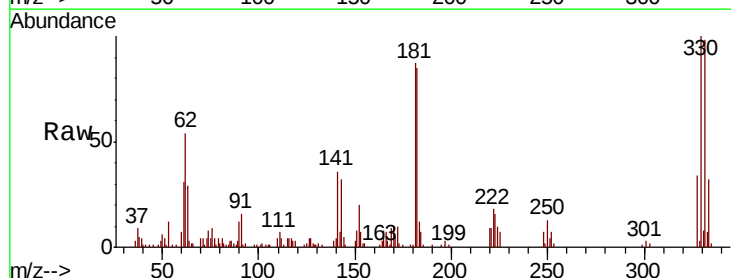


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

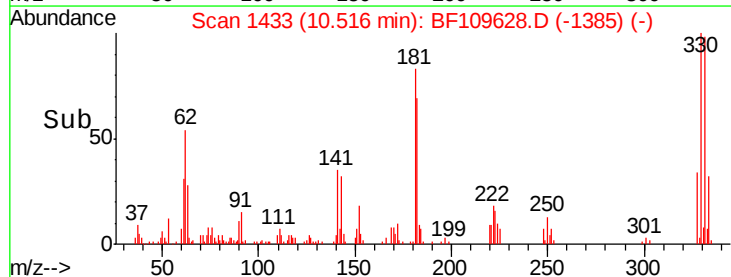
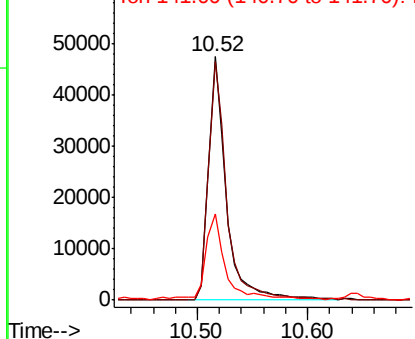


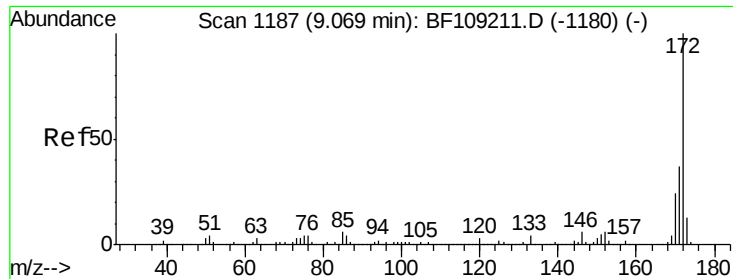
#41
2,4,6-Tribromophenol
Concen: 28.553 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF109628.D
Acq: 6 Oct 2018 00:20

Tgt Ion:330 Resp: 51660
Ion Ratio Lower Upper
330 100
332 100.5 77.0 115.6
141 41.6 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

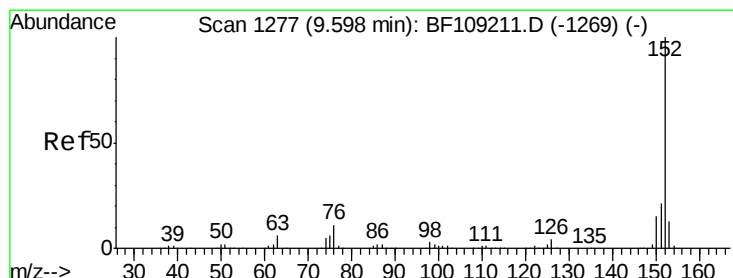
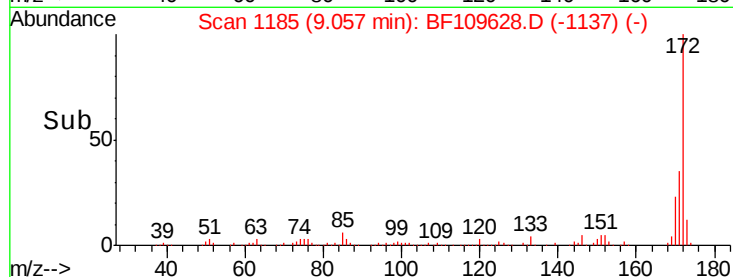
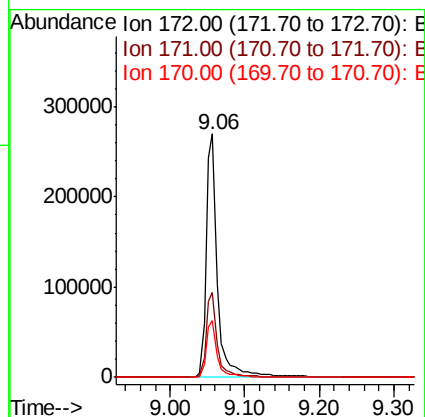
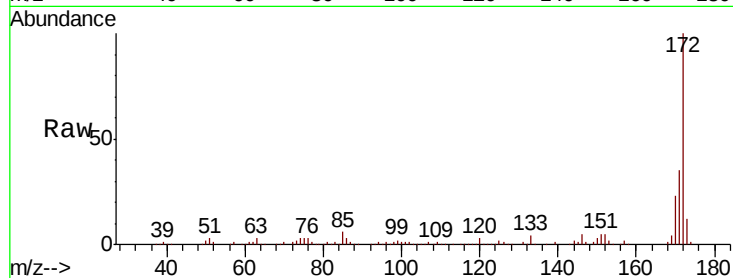




#44
 2-Fluorobiphenyl
 Concen: 23.912 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109628.D
 Acq: 6 Oct 2018 00:20

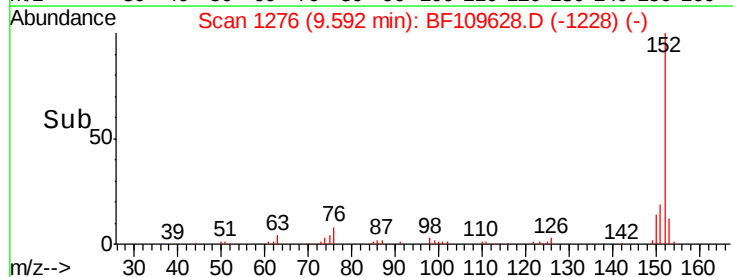
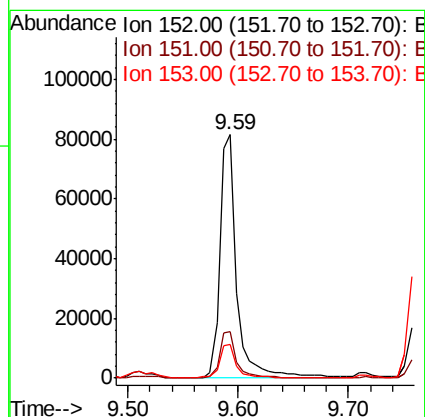
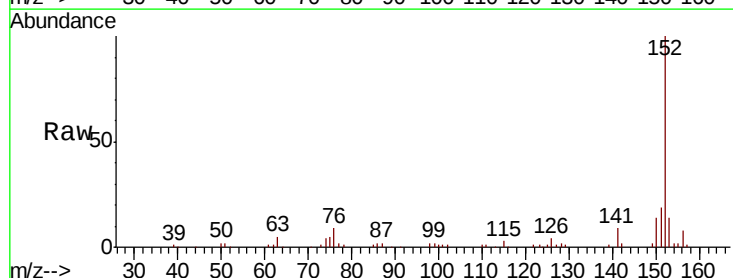
Instrument :
 BNA_F
 ClientSampleId :
 GRID13-COMP-100318

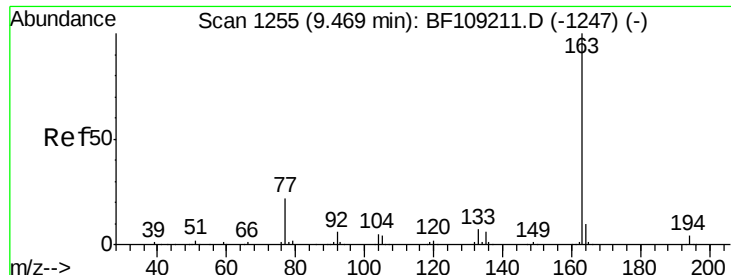
Tgt Ion:172 Resp: 290992
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.7 44.5
 170 23.1 19.6 29.4



#48
 Acenaphthylene
 Concen: 4.805 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF109628.D
 Acq: 6 Oct 2018 00:20

Tgt Ion:152 Resp: 86591
 Ion Ratio Lower Upper
 152 100
 151 19.0 16.3 24.5
 153 13.8 10.7 16.1

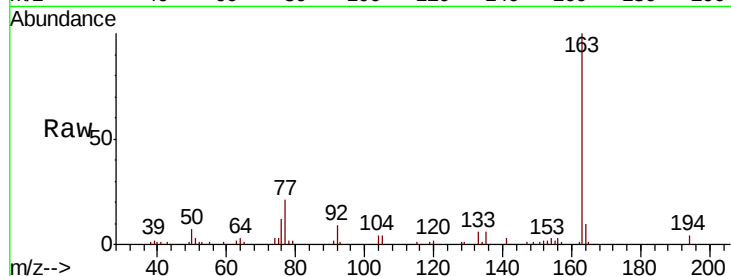




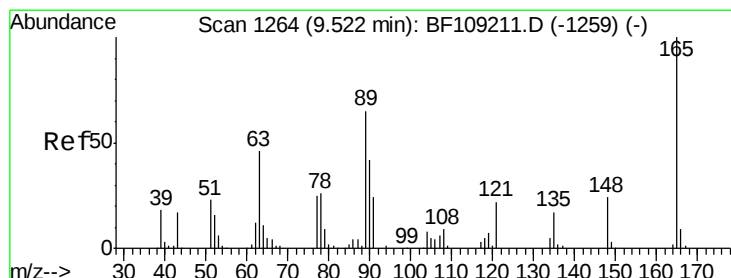
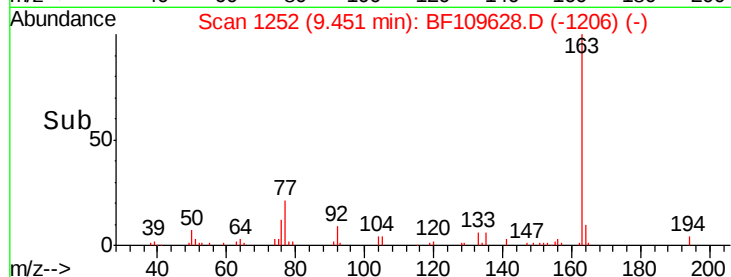
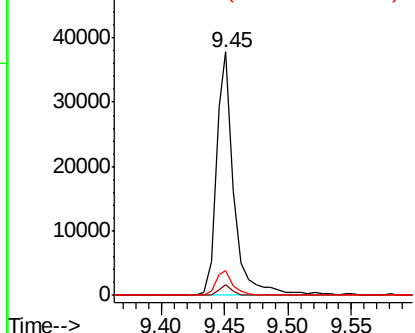
#49
Dimethylphthalate
Concen: 2.766 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109628.D
Acq: 6 Oct 2018 00:20

Instrument :
BNA_F
ClientSampleId :
GRID13-COMP-100318

Tgt Ion:163 Resp: 36921
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 9.9 8.2 12.2

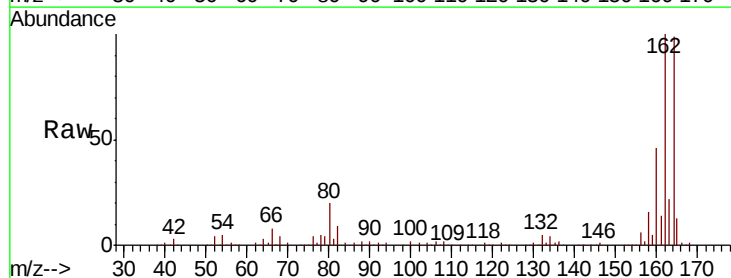


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

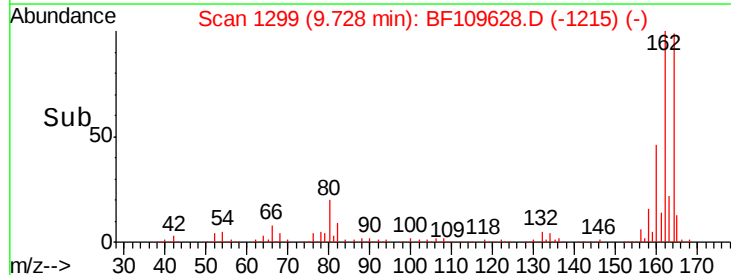
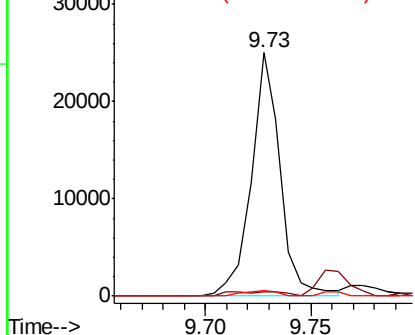


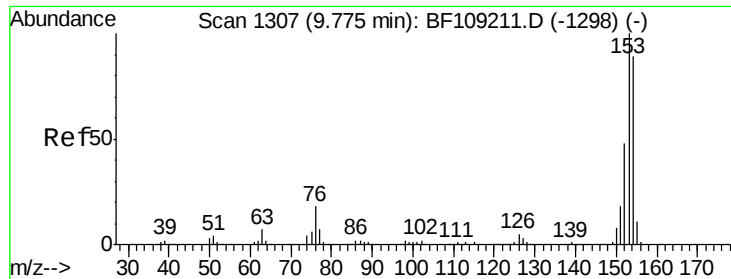
#50
2,6-Dinitrotoluene
Concen: 9.053 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.19 min
Lab File: BF109628.D
Acq: 6 Oct 2018 00:20

Tgt Ion:165 Resp: 23935
Ion Ratio Lower Upper
165 100
63 1.5 44.7 67.1#
89 2.2 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 3.237 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BF109628.D

Acq: 6 Oct 2018 00:20

Instrument :

BNA_F

ClientSampleId :

GRID13-COMP-100318

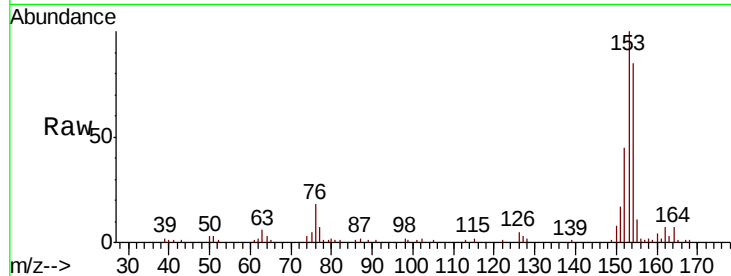
Tgt Ion:154 Resp: 35267

Ion Ratio Lower Upper

154 100

153 118.1 91.2 136.8

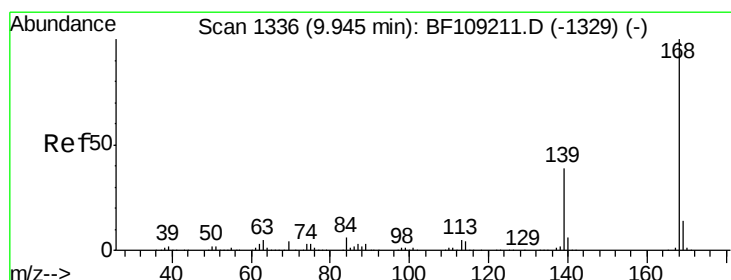
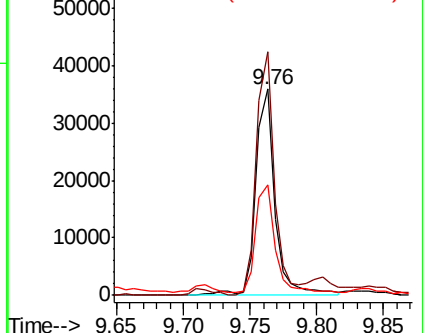
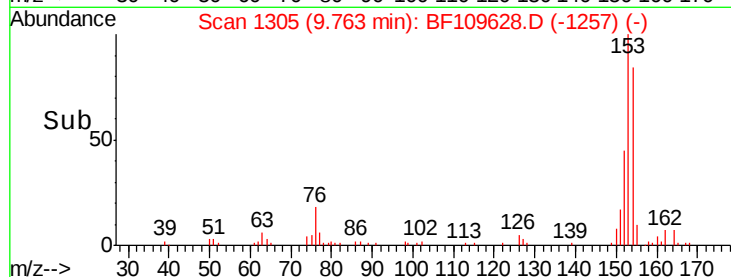
152 53.5 43.8 65.8



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: 5.240 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.02 min

Lab File: BF109628.D

Acq: 6 Oct 2018 00:20

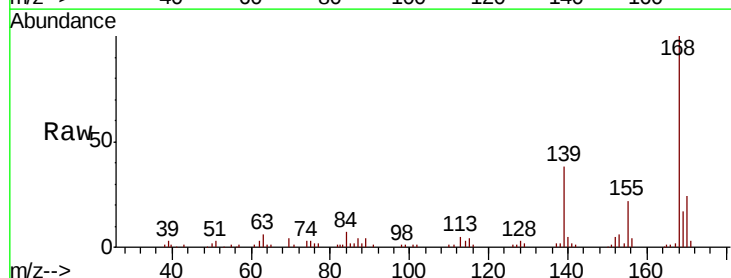
Tgt Ion:168 Resp: 84911

Ion Ratio Lower Upper

168 100

139 38.1 30.1 45.1

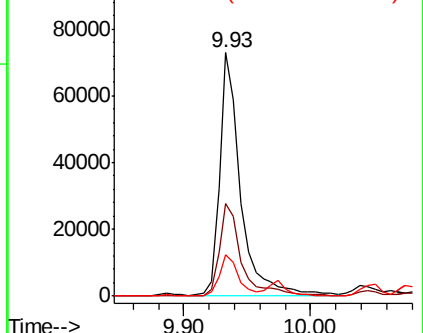
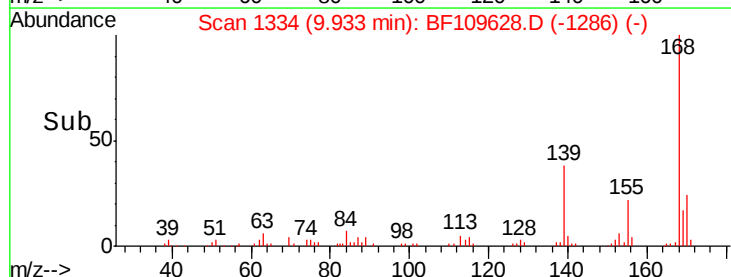
169 16.9 10.9 16.3#

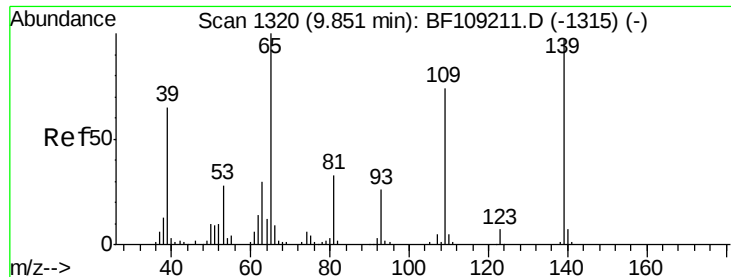


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

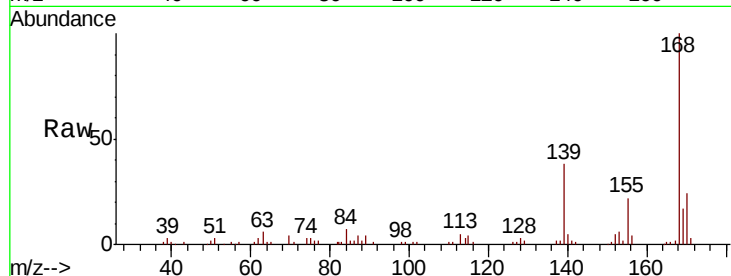




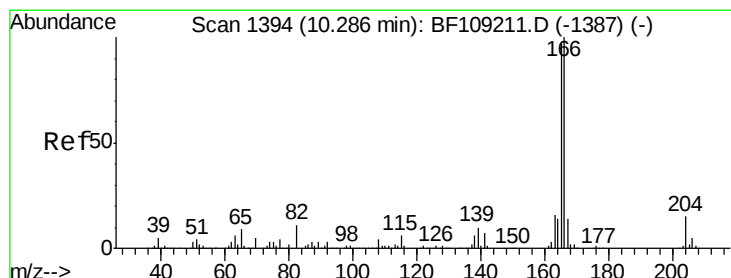
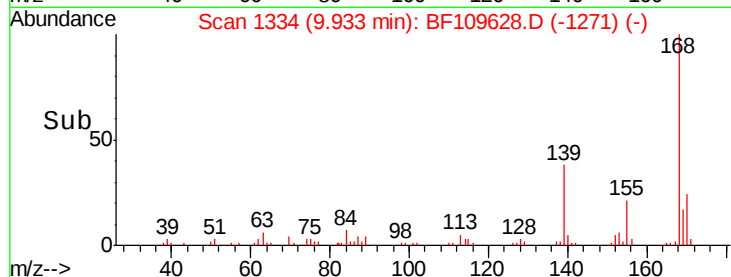
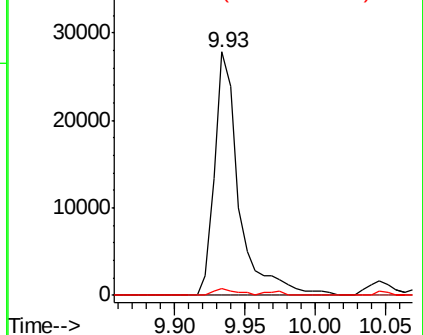
#55
4-Nitrophenol
Concen: 14.596 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.07 min
Lab File: BF109628.D
Acq: 6 Oct 2018 00:20

Instrument :
BNA_F
ClientSampleId :
GRID13-COMP-100318

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	2.8	72.6	112.6#

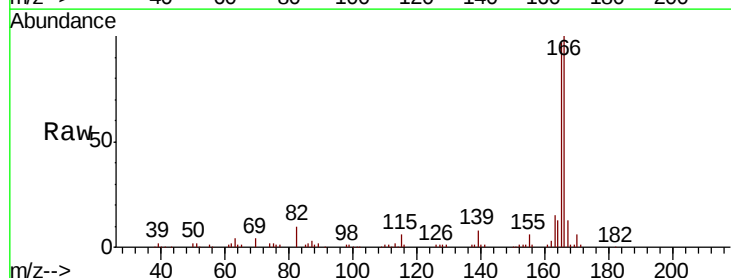


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

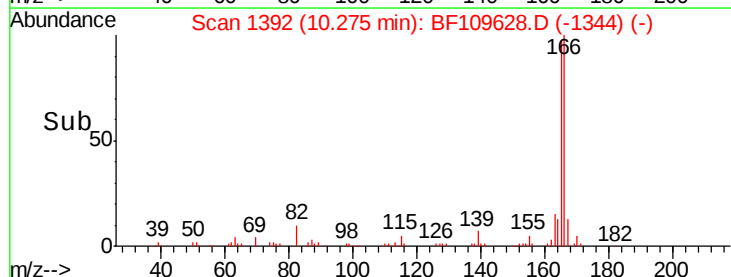
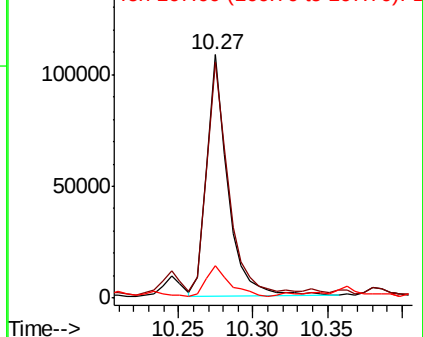


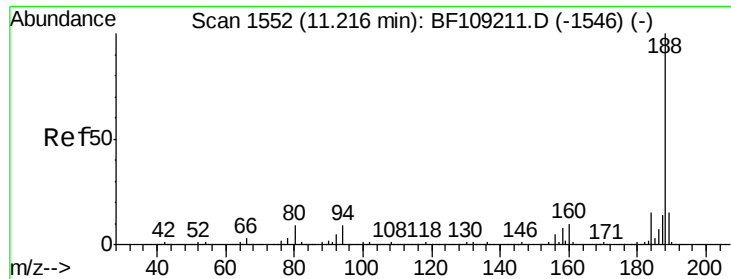
#57
Fluorene
Concen: 9.238 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.02 min
Lab File: BF109628.D
Acq: 6 Oct 2018 00:20

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.7	79.8	119.8
167	13.4	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

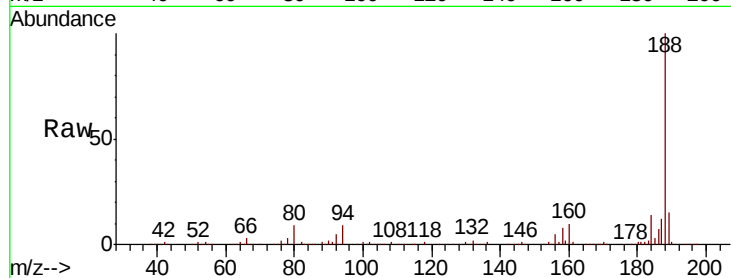




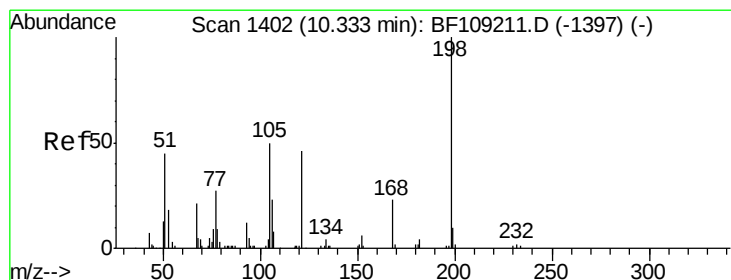
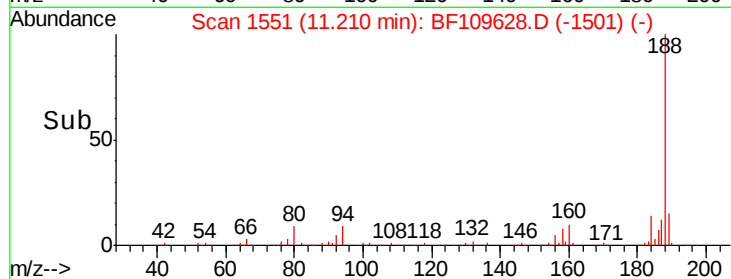
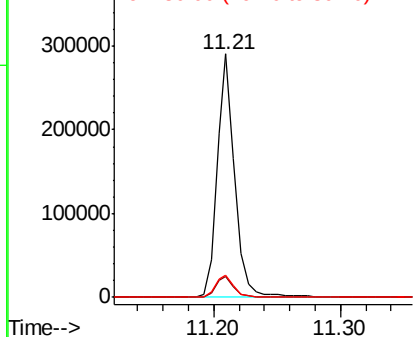
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109628.D
Acq: 6 Oct 2018 00:20

Instrument :
BNA_F
ClientSampleId :
GRID13-COMP-100318

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

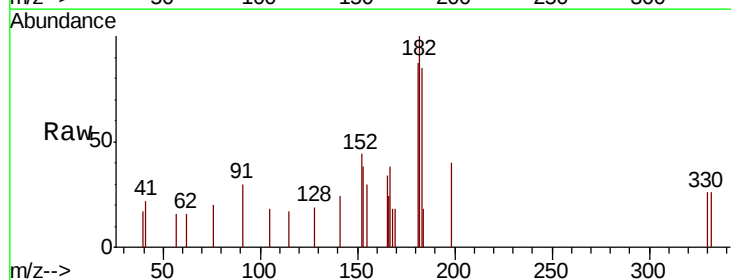


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

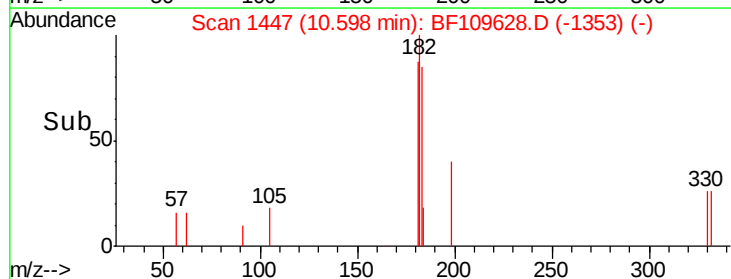
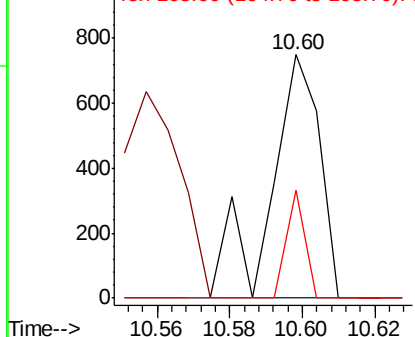


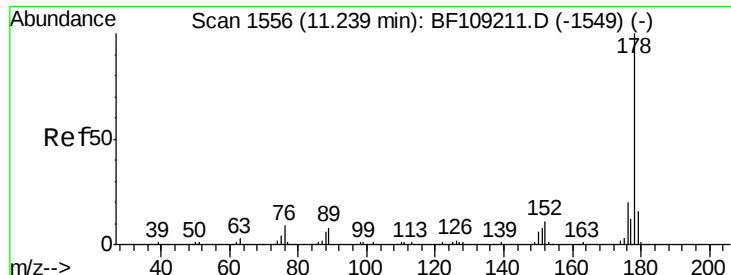
#64
4,6-Dinitro-2-methylphenol
Concen: 7.061 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.25 min
Lab File: BF109628.D
Acq: 6 Oct 2018 00:20

Tgt Ion	Ratio	Lower	Upper
198	100		
51	0.0	37.7	77.7#
105	44.5	36.3	76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E





#70

Phenanthrene

Concen: 46.564 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF109628.D

Acq: 6 Oct 2018 00:20

Instrument :

BNA_F

ClientSampleId :

GRID13-COMP-100318

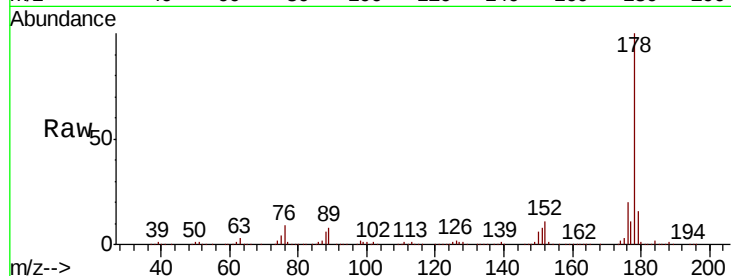
Tgt Ion:178 Resp: 653675

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

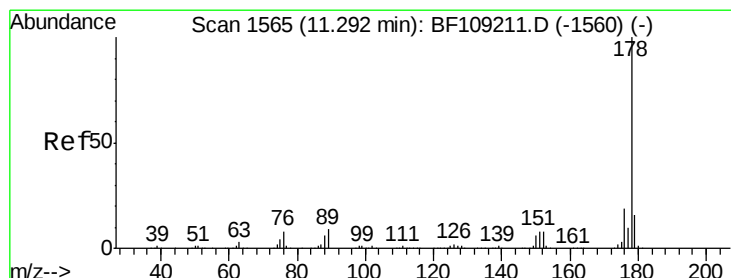
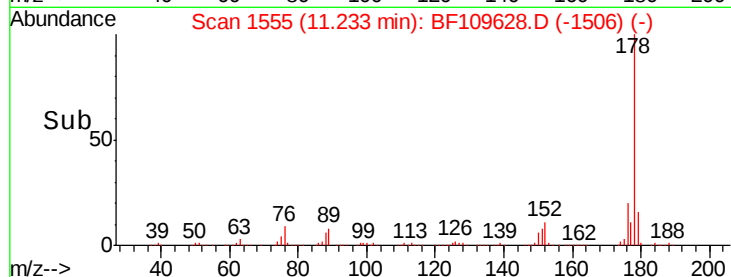
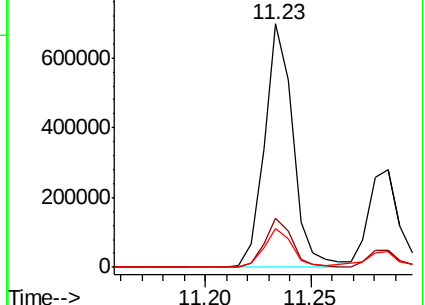
179 15.9 13.0 19.6



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: 20.814 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF109628.D

Acq: 6 Oct 2018 00:20

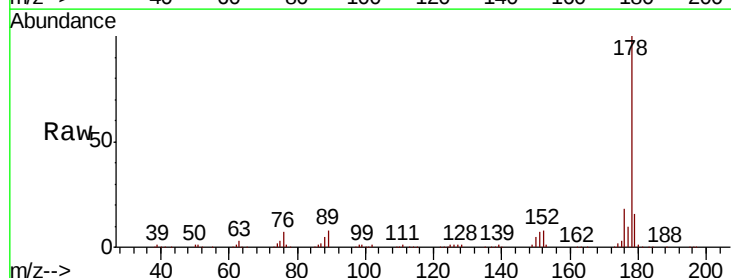
Tgt Ion:178 Resp: 296352

Ion Ratio Lower Upper

178 100

176 18.2 15.4 23.2

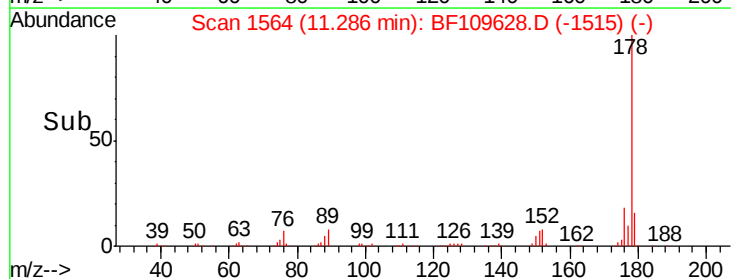
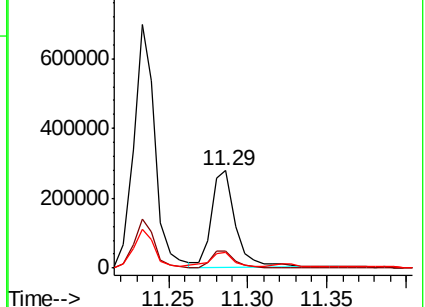
179 15.9 12.6 19.0

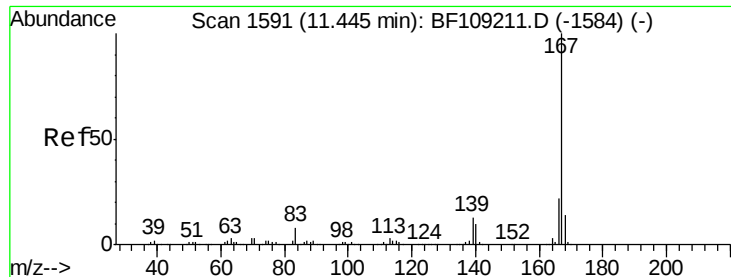


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 5.034 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF109628.D

Acq: 6 Oct 2018 00:20

Instrument :

BNA_F

ClientSampleId :

GRID13-COMP-100318

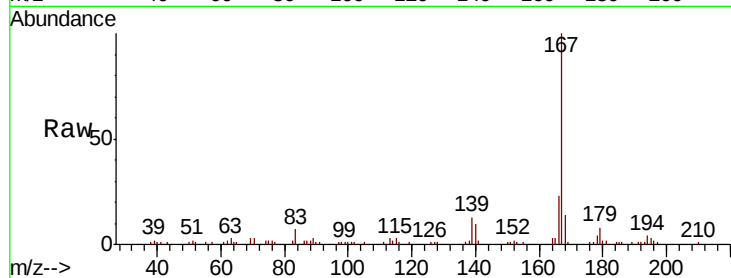
Tgt Ion:167 Resp: 71315

Ion Ratio Lower Upper

167 100

166 22.7 17.6 26.4

139 13.4 10.9 16.3

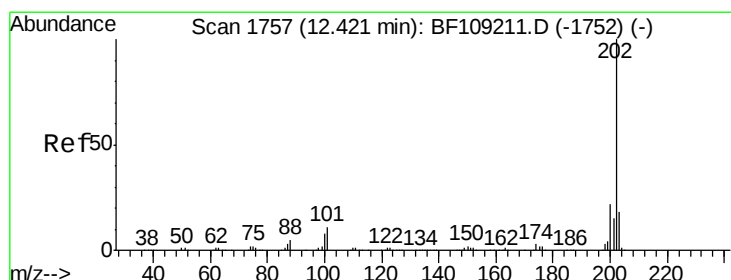
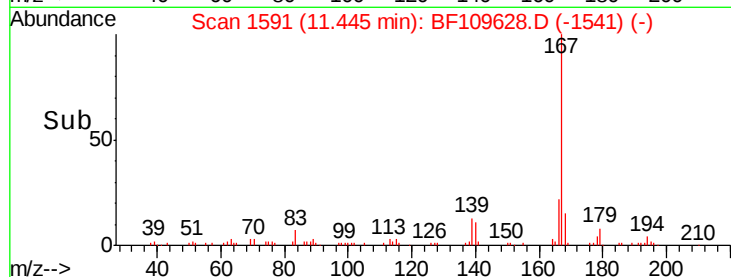
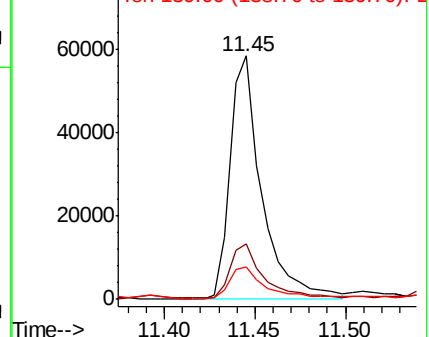


Abundance

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: 50.725 ng

RT: 12.42 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BF109628.D

Acq: 6 Oct 2018 00:20

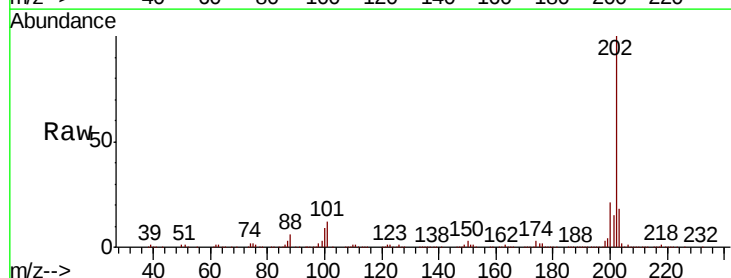
Tgt Ion:202 Resp: 760975

Ion Ratio Lower Upper

202 100

101 11.5 0.0 34.1

203 18.0 0.0 38.1

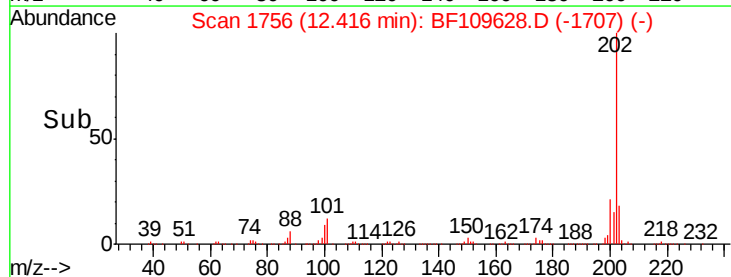
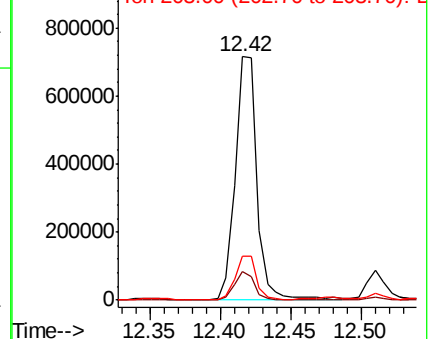


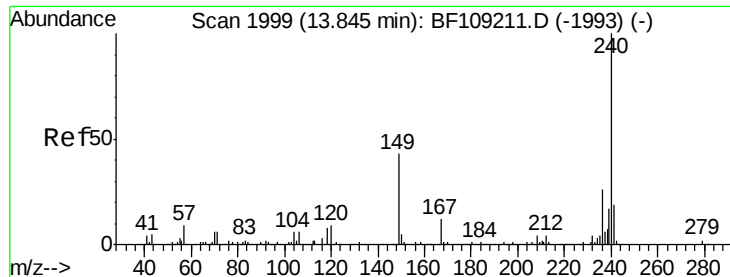
Abundance

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: BF109628.D

Acq: 6 Oct 2018 00:20

Instrument :

BNA_F

ClientSampleId :

GRID13-COMP-100318

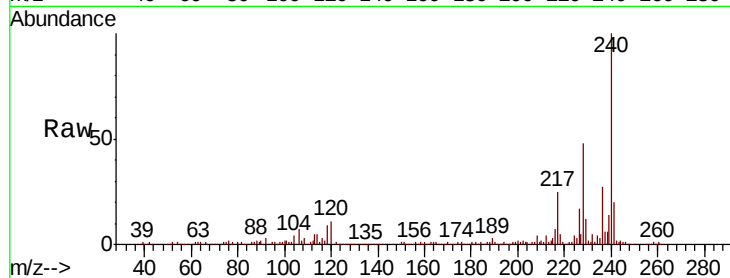
Tgt Ion:240 Resp: 217952

Ion Ratio Lower Upper

240 100

120 10.9 9.5 14.3

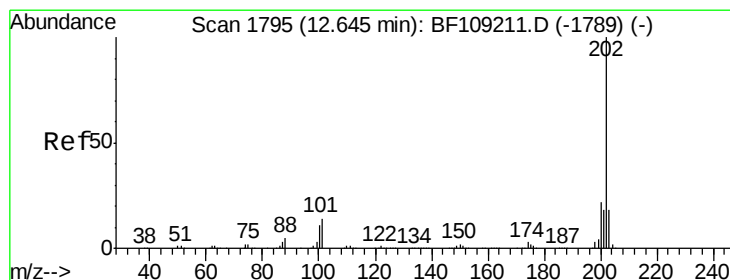
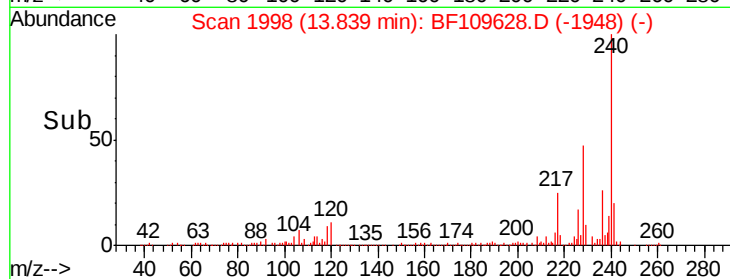
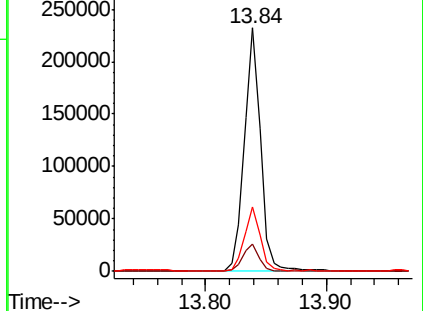
236 26.5 20.7 31.1



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: 41.571 ng

RT: 12.65 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF109628.D

Acq: 6 Oct 2018 00:20

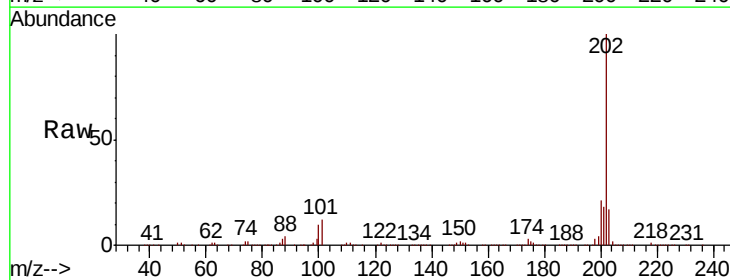
Tgt Ion:202 Resp: 649343

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

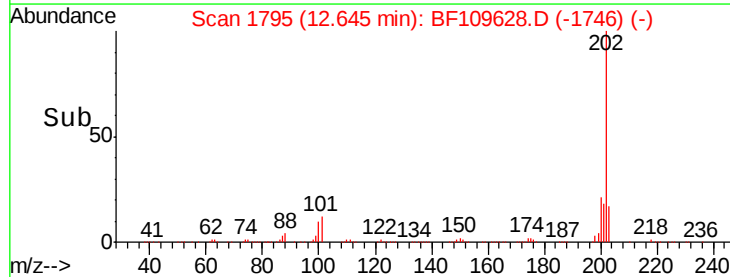
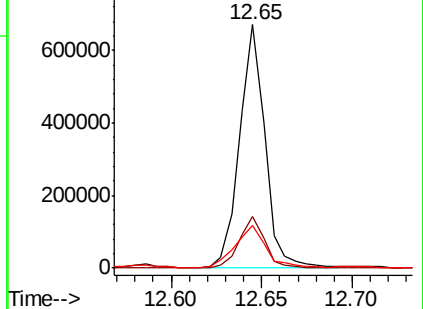
203 17.5 14.3 21.5

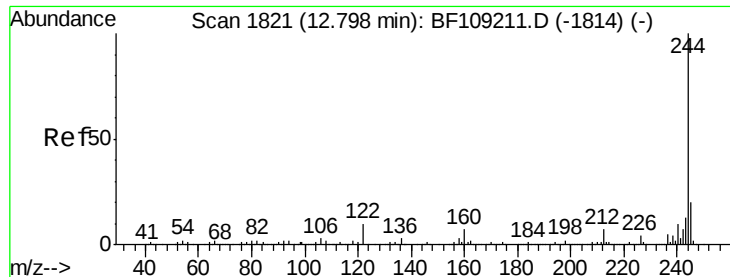


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 21.150 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BF109628.D

Acq: 6 Oct 2018 00:20

Instrument :

BNA_F

ClientSampleId :

GRID13-COMP-100318

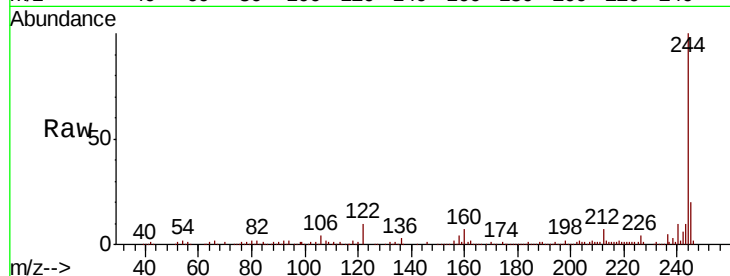
Tgt Ion:244 Resp: 187834

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

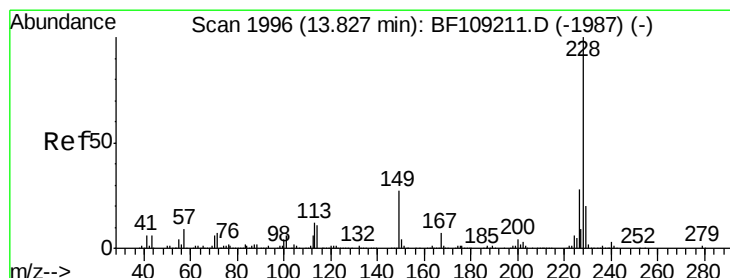
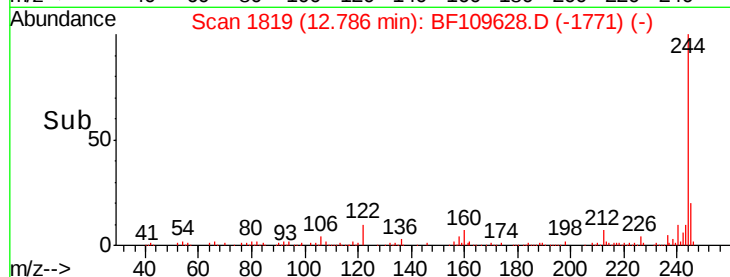
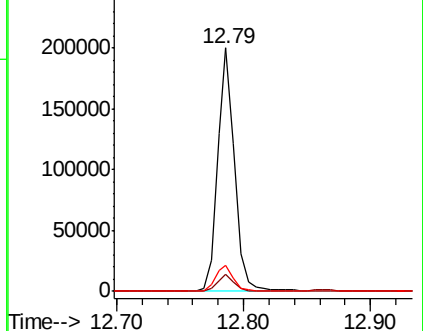
122 10.4 11.0 16.4#



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: 34.040 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109628.D

Acq: 6 Oct 2018 00:20

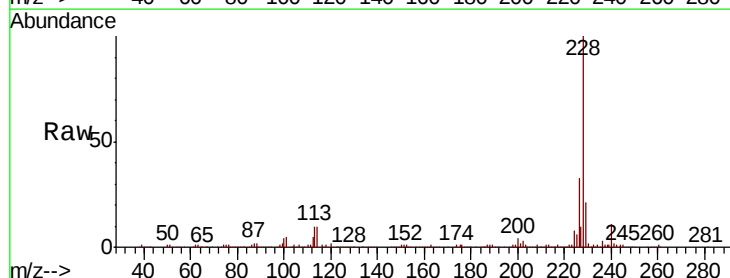
Tgt Ion:228 Resp: 446874

Ion Ratio Lower Upper

228 100

226 33.0 22.6 33.8

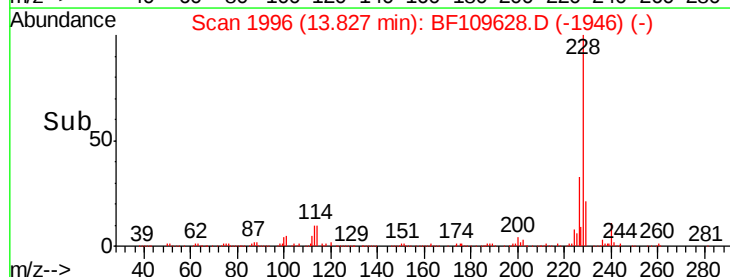
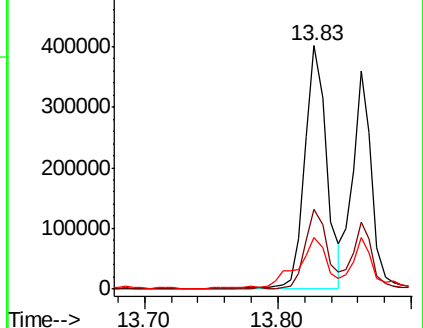
229 21.3 15.8 23.6

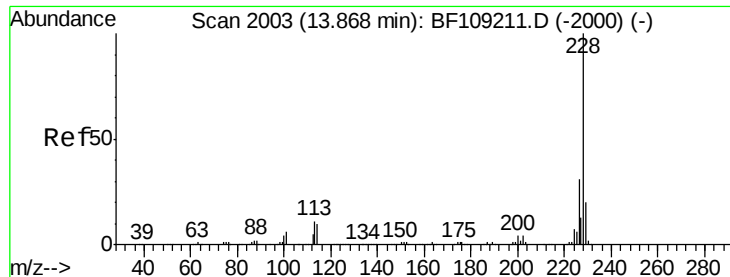


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 27.444 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF109628.D

Acq: 6 Oct 2018 00:20

Instrument :

BNA_F

ClientSampleId :

GRID13-COMP-100318

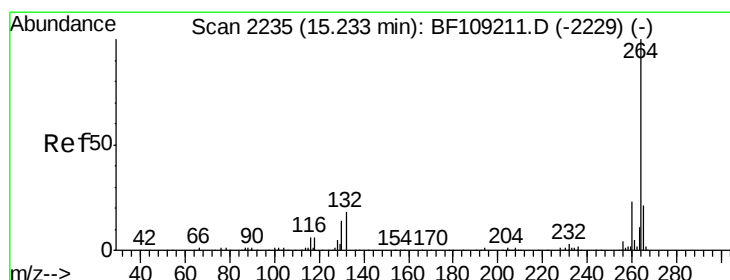
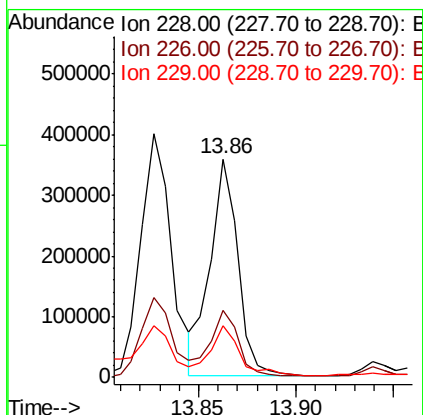
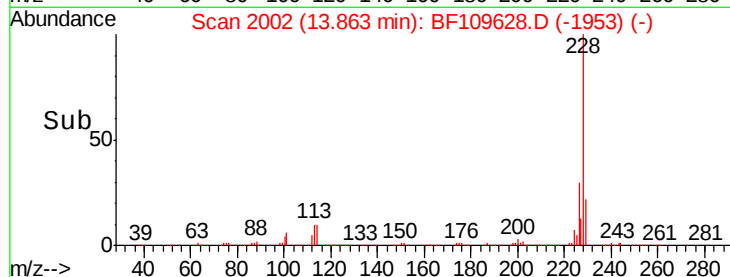
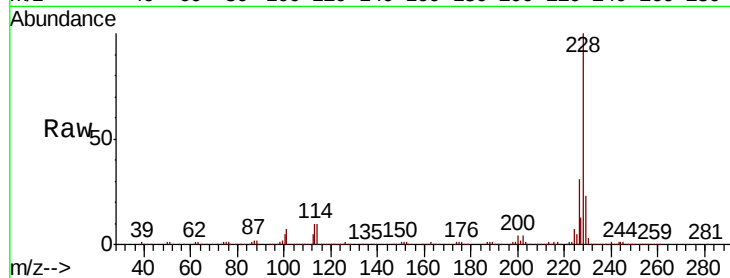
Tgt Ion:228 Resp: 357100

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

229 23.4 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: BF109628.D

Acq: 6 Oct 2018 00:20

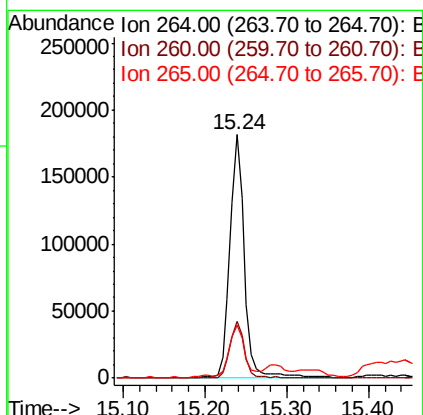
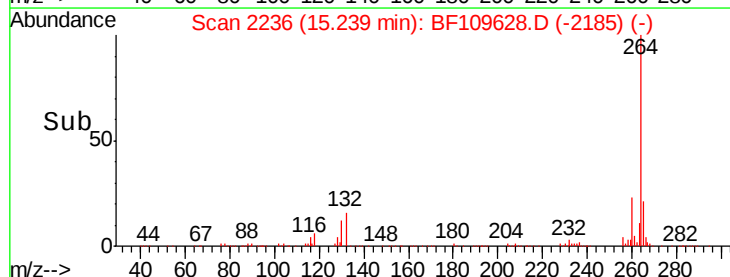
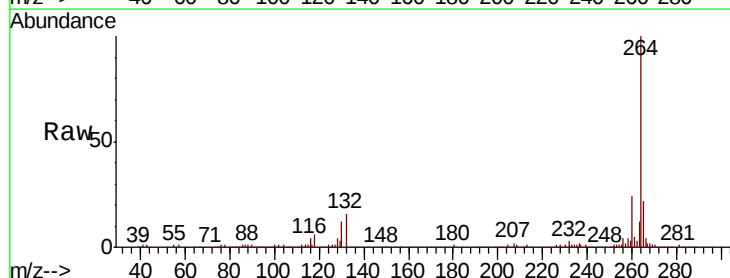
Tgt Ion:264 Resp: 226448

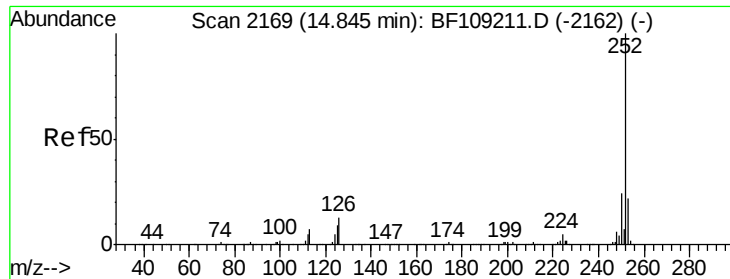
Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.5 17.5 26.3

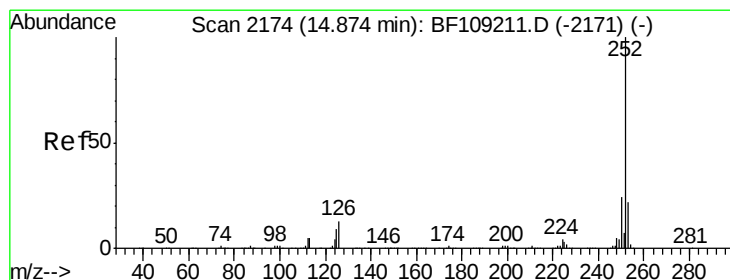
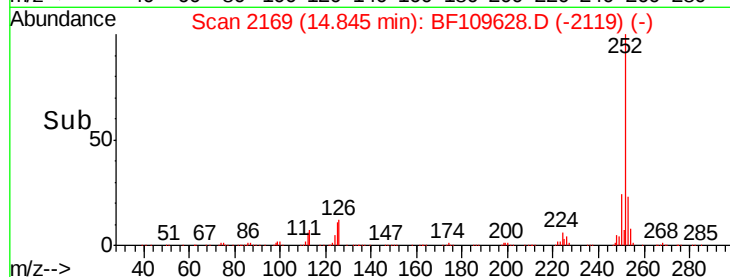
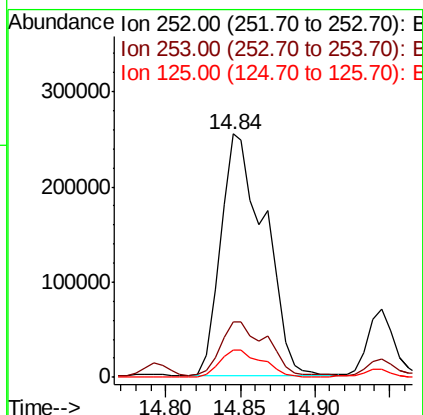
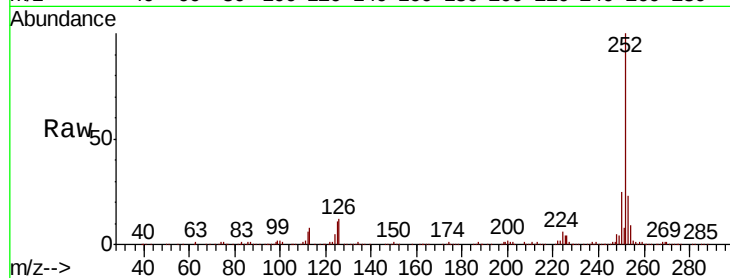




#87
Benzo(b)fluoranthene
Concen: 42.148 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF109628.D
Acq: 6 Oct 2018 00:20

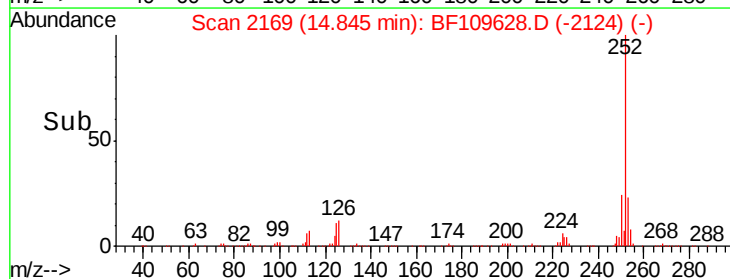
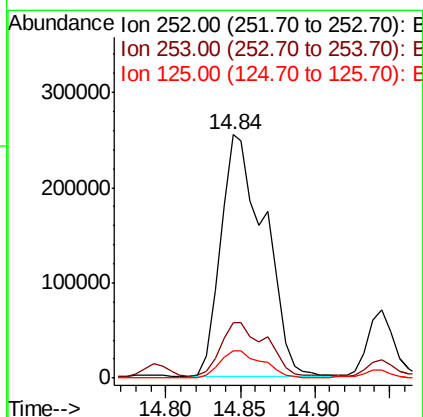
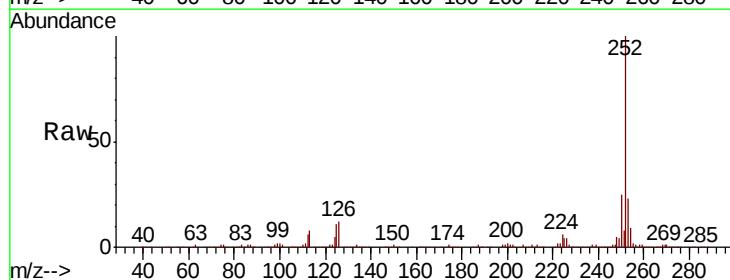
Instrument :
BNA_F
ClientSampleId :
GRID13-COMP-100318

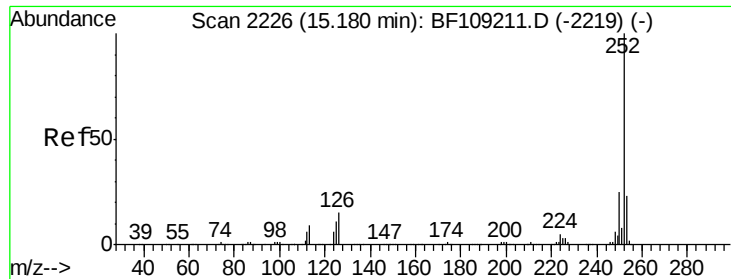
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	11.0	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 44.417 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.04 min
Lab File: BF109628.D
Acq: 6 Oct 2018 00:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	11.0	10.2	15.2





#89

Benzo(a)pyrene

Concen: 23.899 ng

RT: 15.18 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BF109628.D

Acq: 6 Oct 2018 00:20

Instrument :

BNA_F

ClientSampleId :

GRID13-COMP-100318

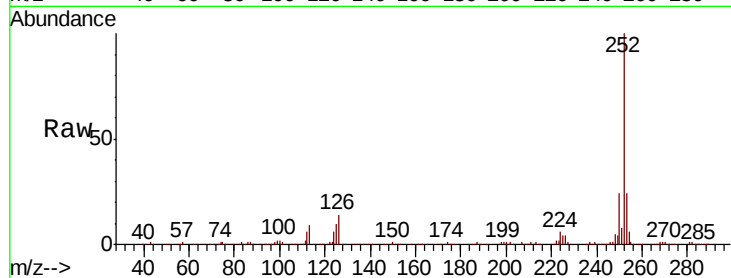
Tgt Ion:252 Resp: 267961

Ion Ratio Lower Upper

252 100

253 23.8 17.1 25.7

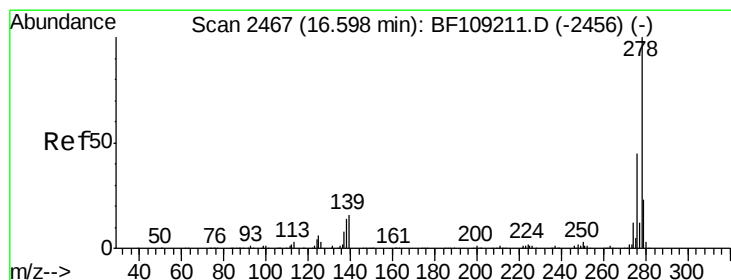
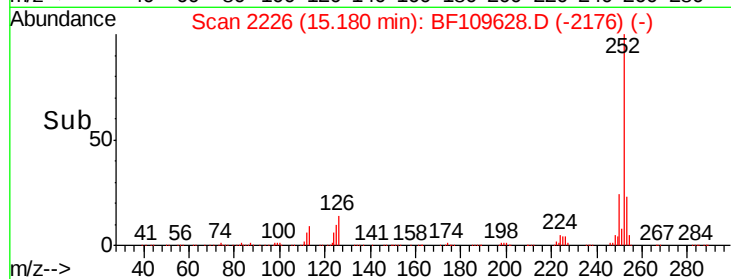
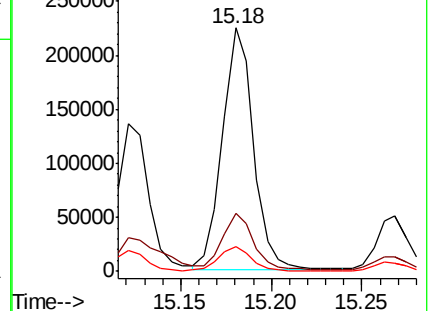
125 10.4 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 3.831 ng

RT: 16.59 min Scan# 2466

Delta R.T. -0.02 min

Lab File: BF109628.D

Acq: 6 Oct 2018 00:20

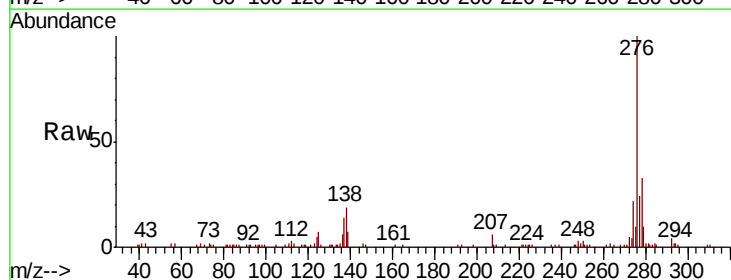
Tgt Ion:278 Resp: 35238

Ion Ratio Lower Upper

278 100

139 19.5 15.9 23.9

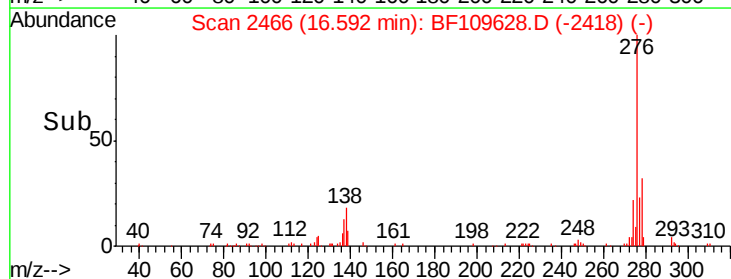
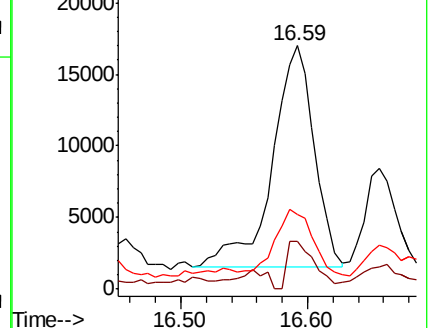
279 30.7 19.0 28.4#

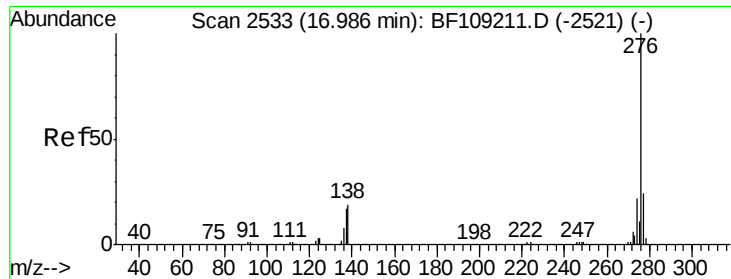


Abundance Ion 278.00 (277.70 to 278.70): E

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: 9.246 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.01 min

Lab File: BF109628.D

Acq: 6 Oct 2018 00:20

Instrument :

BNA_F

ClientSampleId :

GRID13-COMP-100318

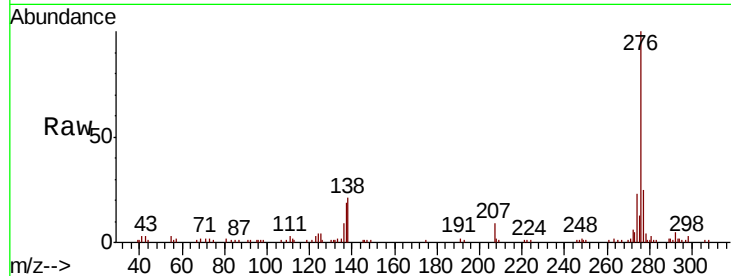
Tgt Ion: 276 Resp: 83585

Ion Ratio Lower Upper

276 100

277 24.5 17.9 26.9

138 21.2 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

