

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109094.D
 Acq On : 18 Sep 2018 14:39
 Operator : JU/SJ
 Sample : J4940-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Quant Time: Sep 19 08:43:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

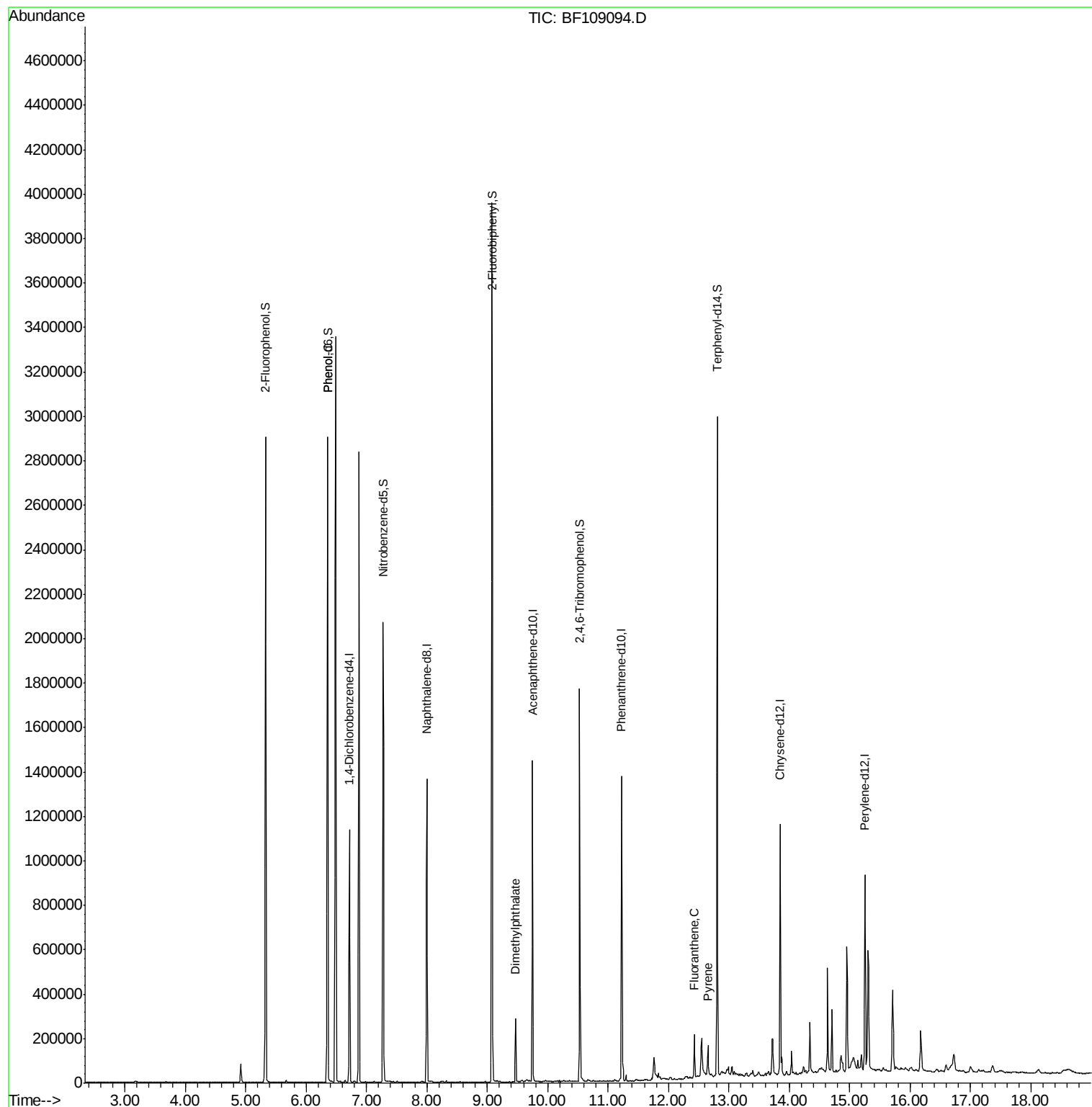
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	148619	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	559563	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	267759	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	497277	20.00	ng	0.00
75) Chrysene-d12	13.85	240	342667	20.00	ng	-0.01
86) Perylene-d12	15.25	264	377553	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	855200	95.57	ng	0.00
7) Phenol-d6	6.36	99	1086192	94.14	ng	0.00
23) Nitrobenzene-d5	7.28	82	699051	70.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	230523	79.33	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1199326	70.18	ng	0.00
78) Terphenyl-d14	12.81	244	1040285	71.96	ng	0.00
Target Compounds						
10) Phenol	6.37	94	27317	2.104	ng	86
49) Dimethylphthalate	9.47	163	117589	6.144	ng	99
74) Fluoranthene	12.43	202	66113	2.569	ng	99
77) Pyrene	12.66	202	55108	2.165	ng	98

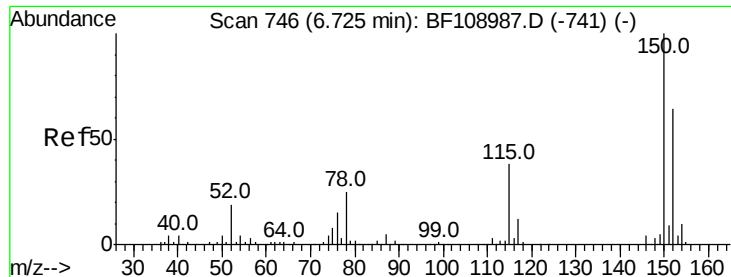
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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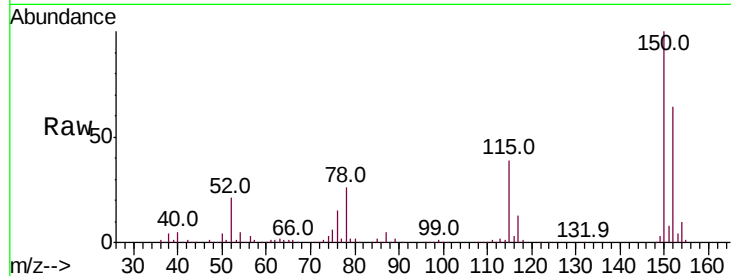


#1

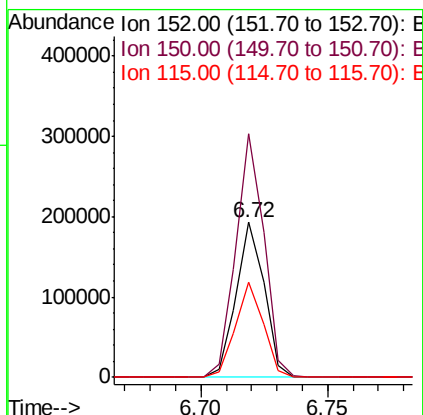
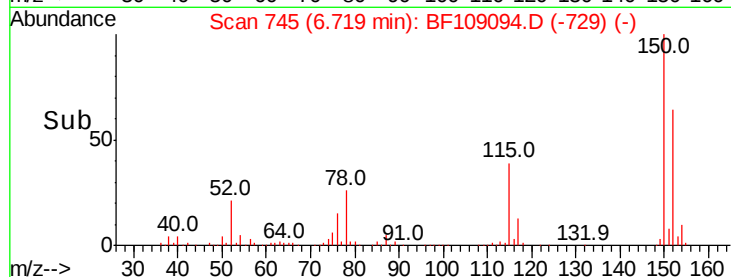
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109094.D
 Acq: 18 Sep 2018 14:39

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Tot Ion:152 Resp: 148619
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.6 186.8
 115 61.8 50.1 75.1



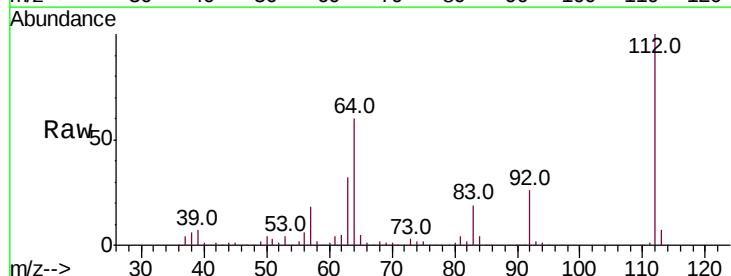
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



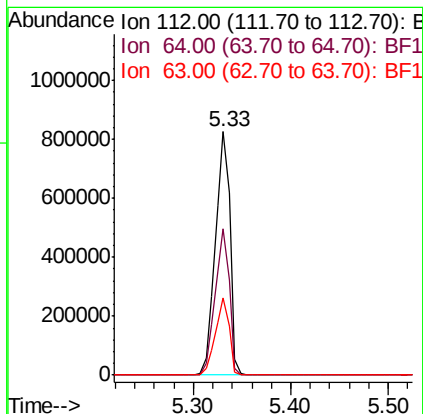
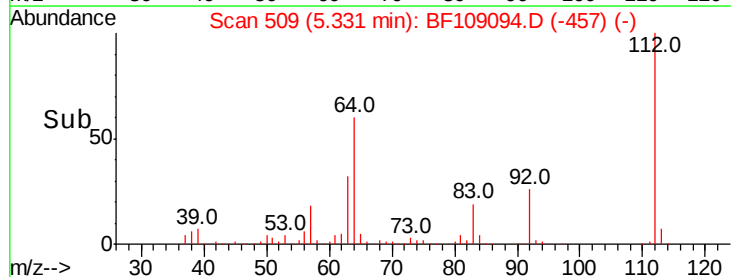
#5

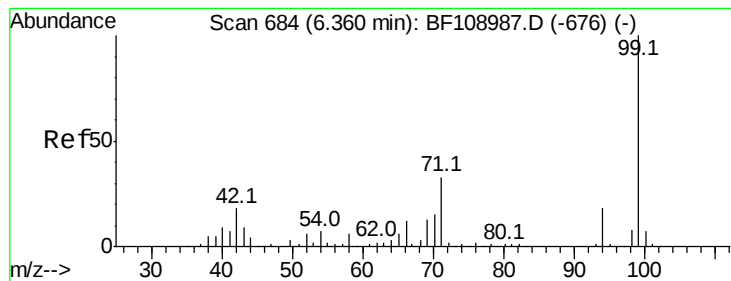
2-Fluorophenol
 Concen: 95.572 ng
 RT: 5.33 min Scan# 509
 Delta R.T. 0.01 min
 Lab File: BF109094.D
 Acq: 18 Sep 2018 14:39

Tgt Ion:112 Resp: 855200
 Ion Ratio Lower Upper
 112 100
 64 60.2 47.9 71.9
 63 31.5 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: 94.138 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF109094.D

Acq: 18 Sep 2018 14:39

Instrument :

BNA_F

ClientSampleId :

COMP-1

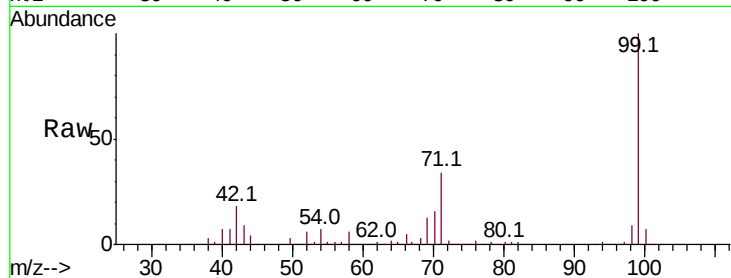
Tot Ion: 99 Resp: 1086192

Ion Ratio Lower Upper

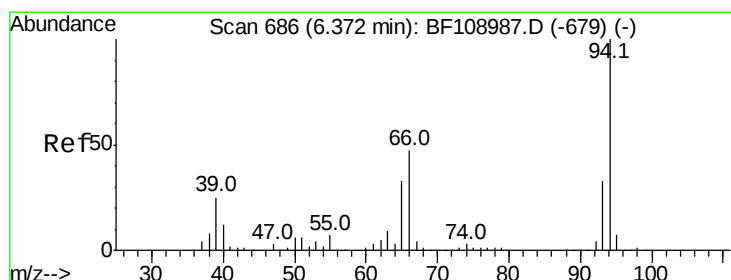
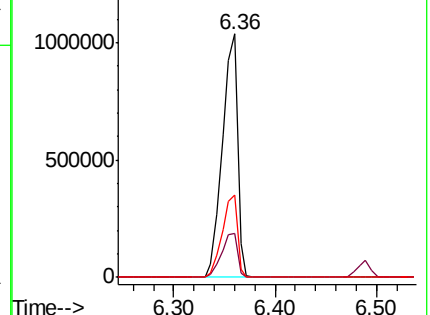
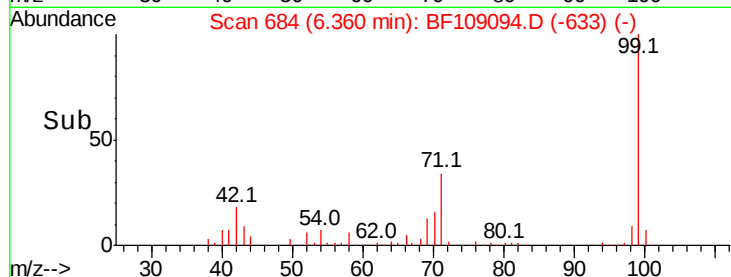
99 100

42 18.2 14.5 21.7

71 33.8 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



#10

Phenol

Concen: 2.104 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF109094.D

Acq: 18 Sep 2018 14:39

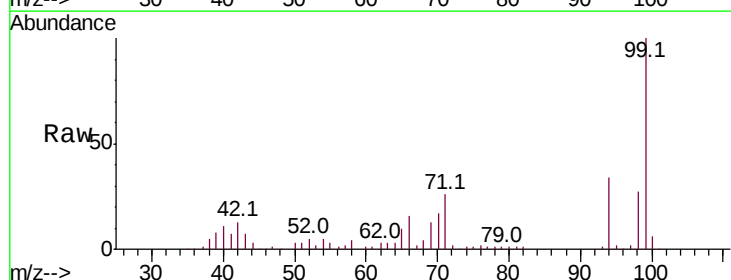
Tgt Ion: 94 Resp: 27317

Ion Ratio Lower Upper

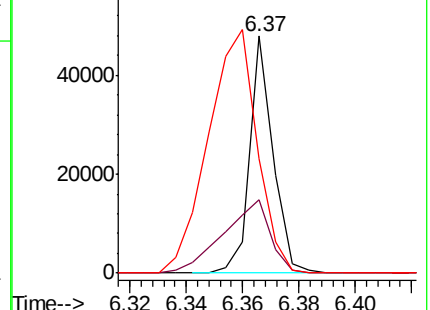
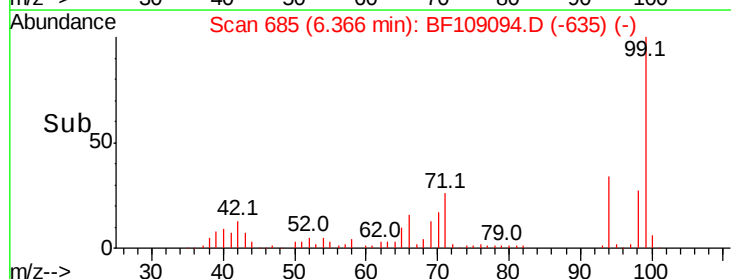
94 100

65 30.9 7.9 47.9

66 48.3 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109094.D

Acq: 18 Sep 2018 14:39

Instrument :

BNA_F

ClientSampleId :

COMP-1

Tot Ion:136 Resp: 559563

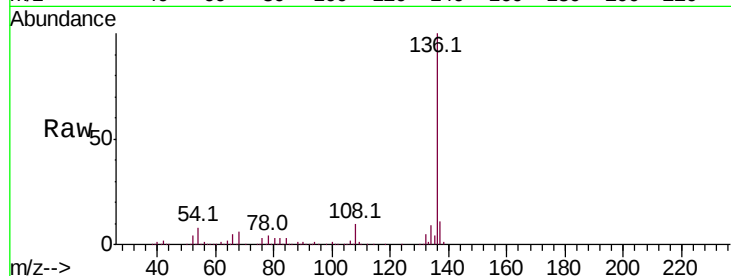
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.5 6.6 9.8

68 6.1 5.0 7.4

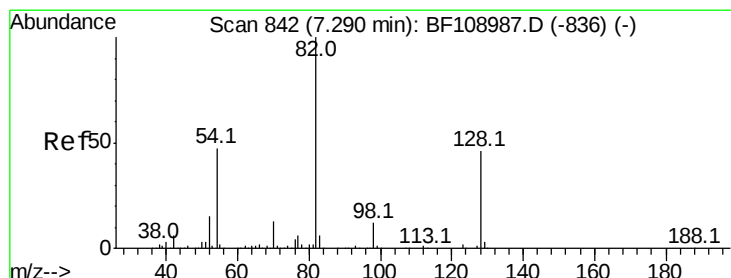
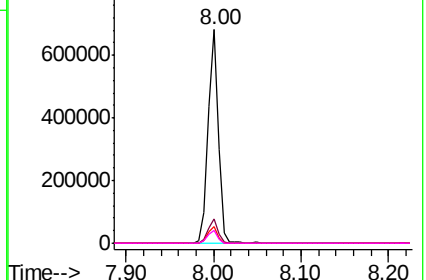
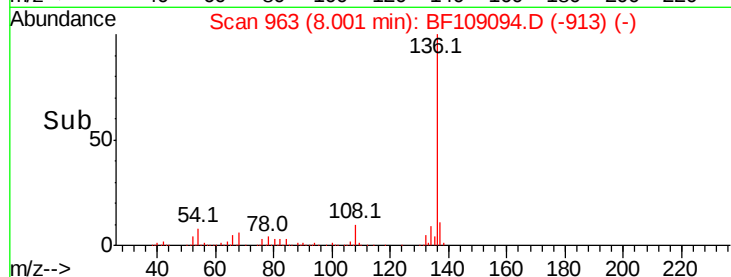


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.070 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF109094.D

Acq: 18 Sep 2018 14:39

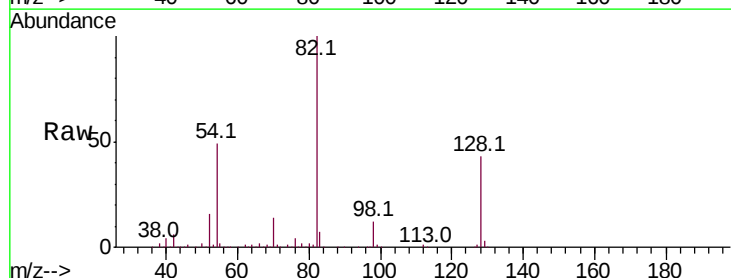
Tgt Ion: 82 Resp: 699051

Ion Ratio Lower Upper

82 100

128 42.8 36.1 54.1

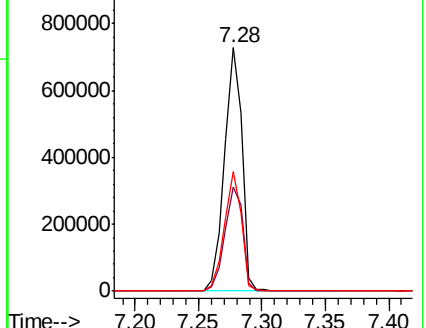
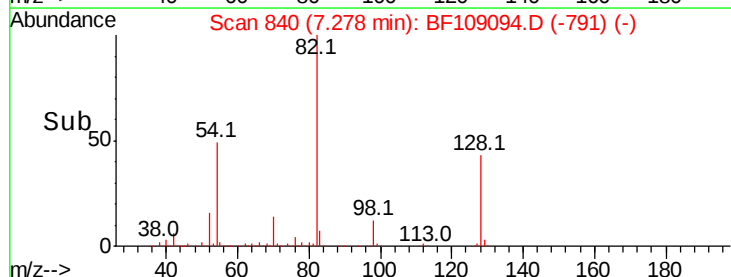
54 49.0 41.4 62.2

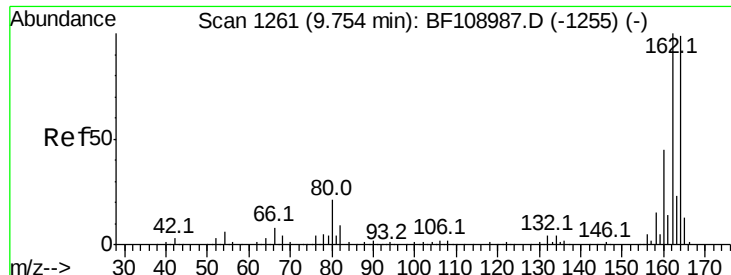


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

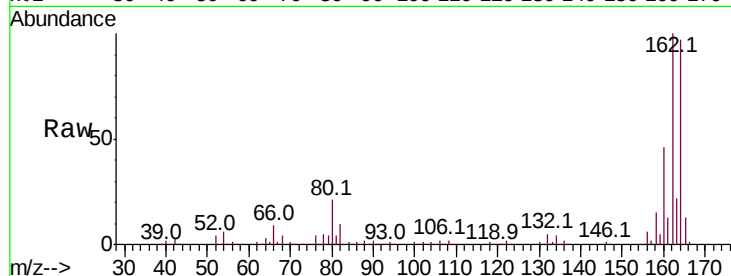




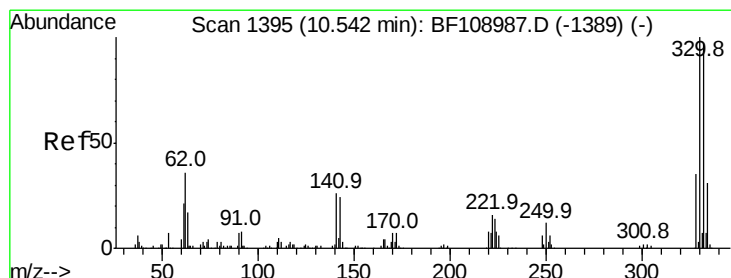
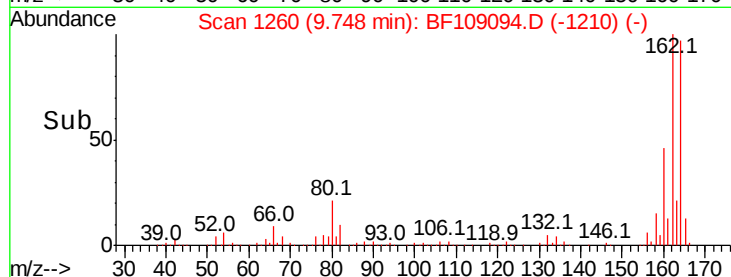
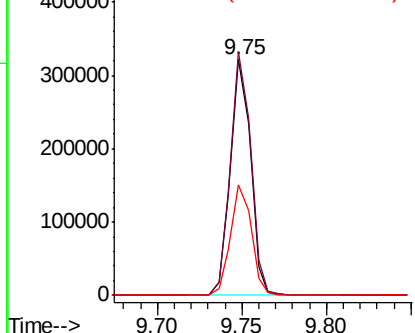
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109094.D
 Acq: 18 Sep 2018 14:39

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	47.2	38.3	57.5

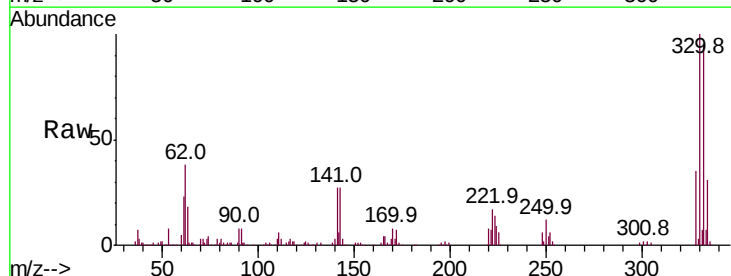


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

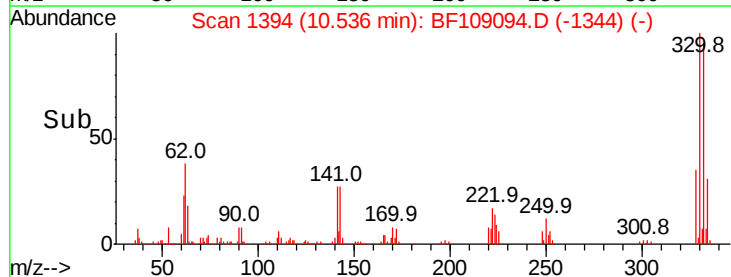
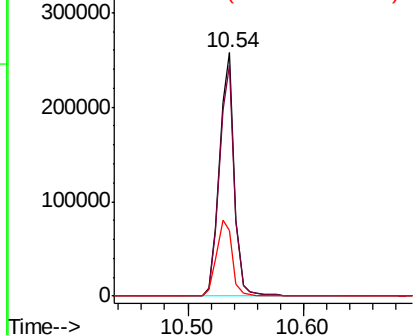


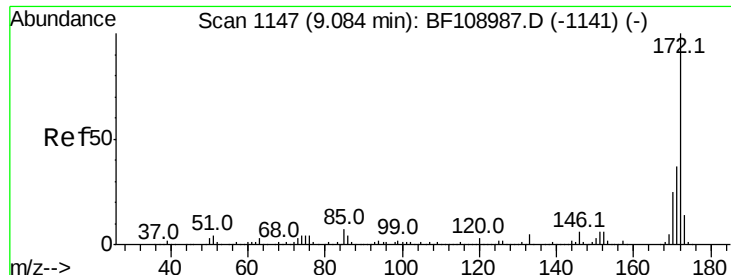
#41
 2,4,6-Tribromophenol
 Concen: 79.329 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109094.D
 Acq: 18 Sep 2018 14:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	32.8	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

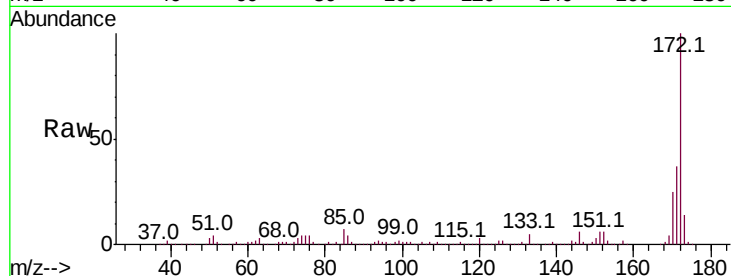




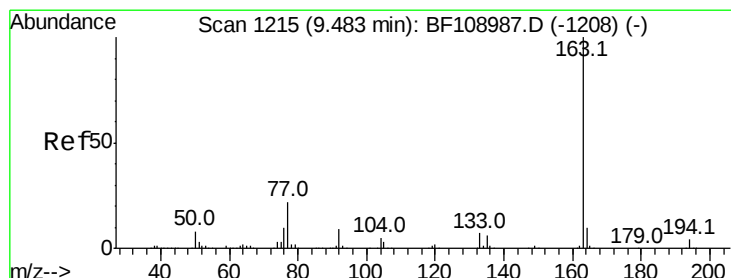
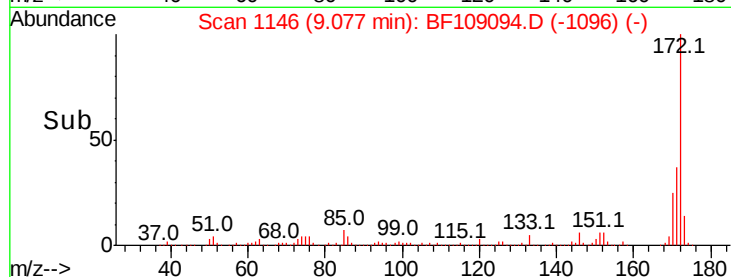
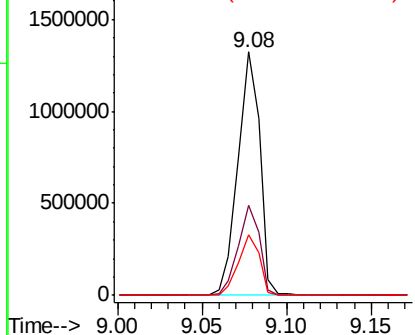
#44
2-Fluorobiphenyl
Concen: 70.176 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109094.D
Acq: 18 Sep 2018 14:39

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion:172 Resp: 1199326
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 24.7 19.6 29.4

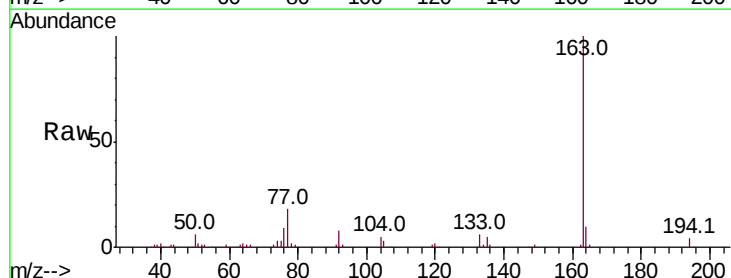


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

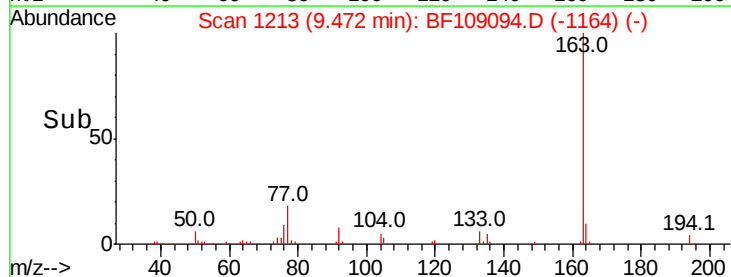
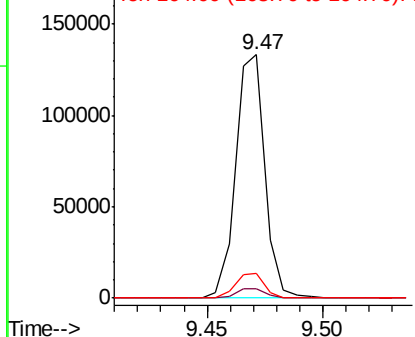


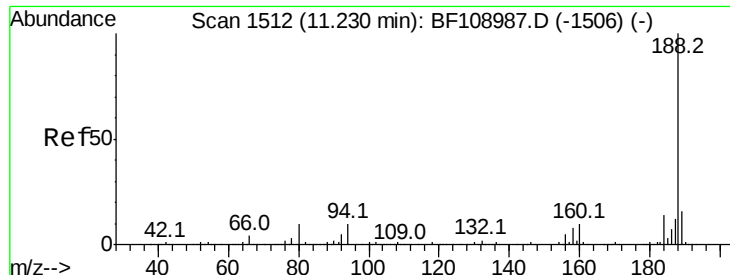
#49
Dimethylphthalate
Concen: 6.144 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109094.D
Acq: 18 Sep 2018 14:39

Tgt Ion:163 Resp: 117589
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.0 8.2 12.2



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BF109094.D

Acq: 18 Sep 2018 14:39

Instrument :

BNA_F

ClientSampleId :

COMP-1

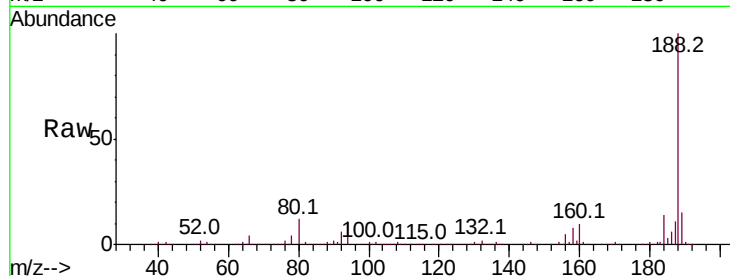
Tot Ion:188 Resp: 497277

Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

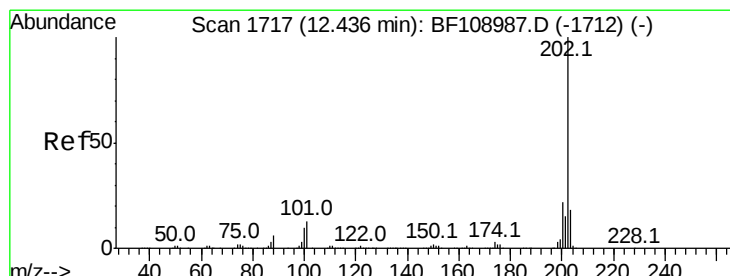
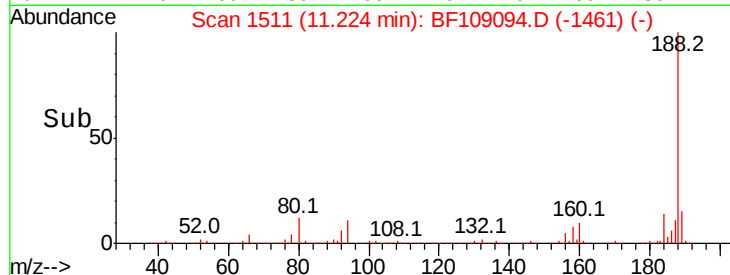
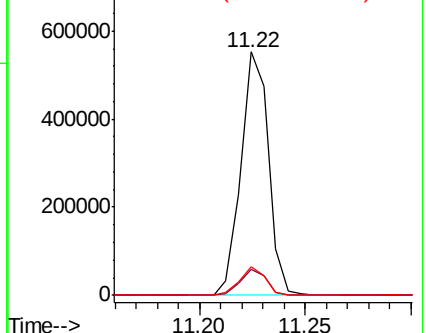
80 11.5 9.2 13.8



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



#74

Fluoranthene

Concen: 2.569 ng

RT: 12.43 min Scan# 1716

Delta R.T. -0.01 min

Lab File: BF109094.D

Acq: 18 Sep 2018 14:39

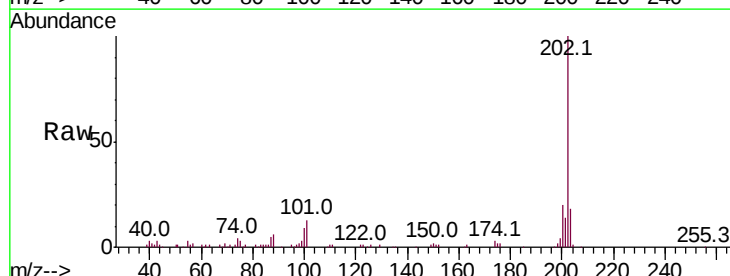
Tgt Ion:202 Resp: 66113

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.1

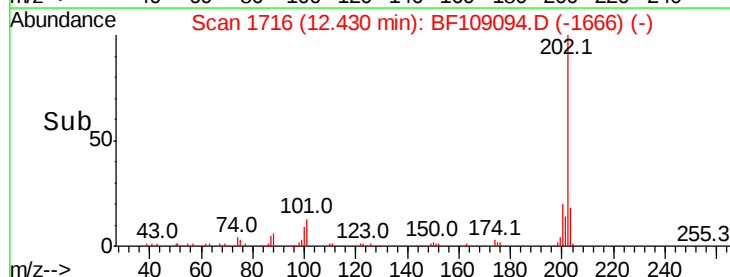
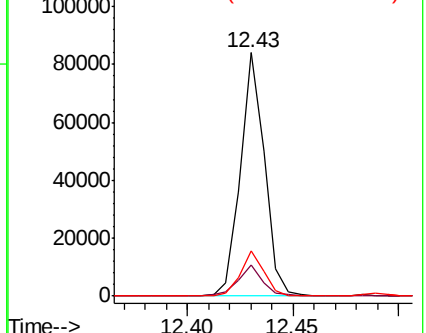
203 18.4 0.0 38.1

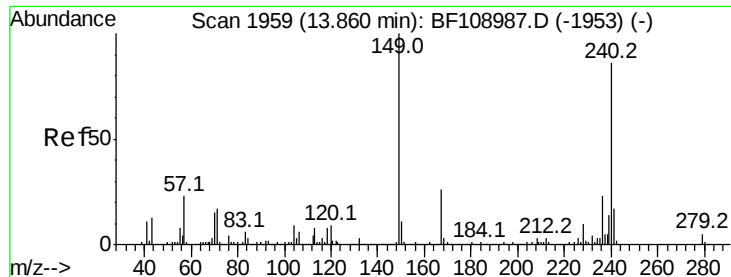


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.85 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BF109094.D

Acq: 18 Sep 2018 14:39

Instrument :

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ClientSampleId :

COMP-1

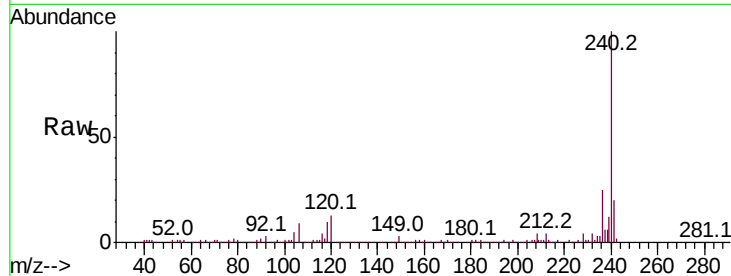
Tot Ion:240 Resp: 342667

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

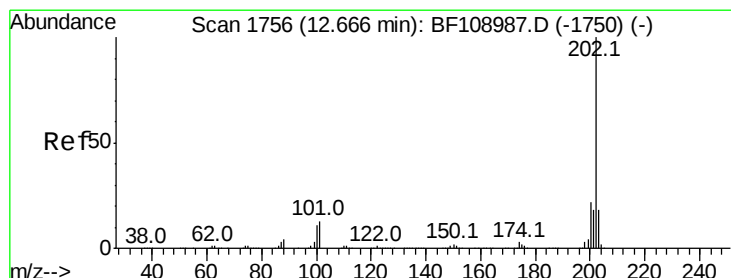
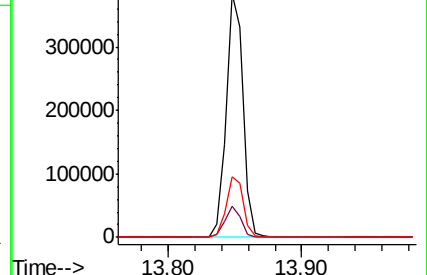
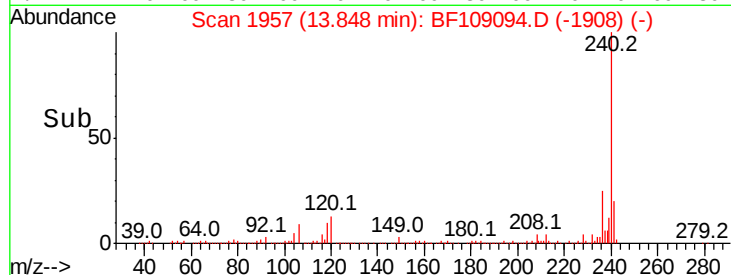
236 24.9 20.7 31.1



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: 2.165 ng

RT: 12.66 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF109094.D

Acq: 18 Sep 2018 14:39

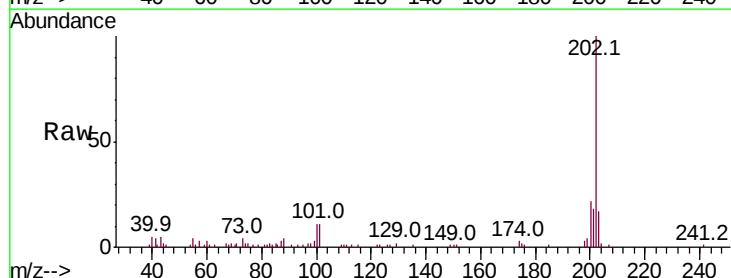
Tgt Ion:202 Resp: 55108

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

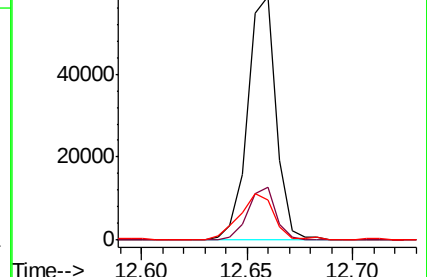
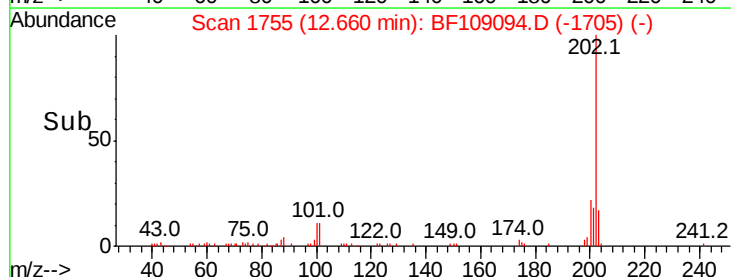
203 16.7 14.3 21.5

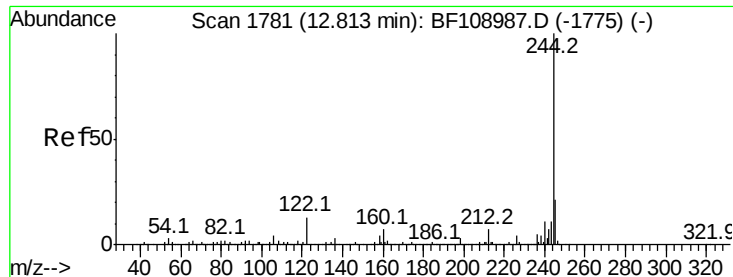


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



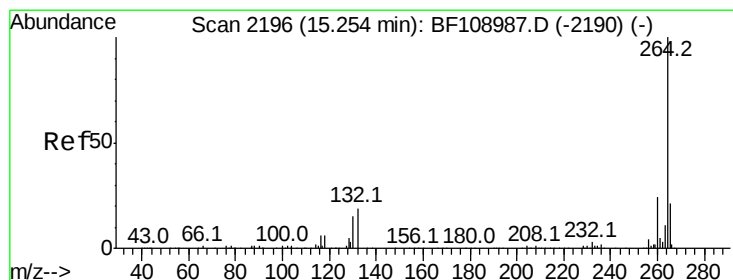
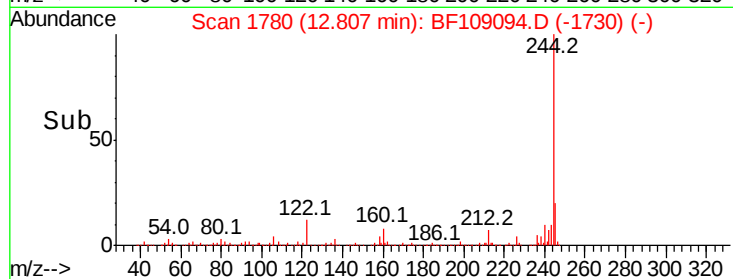
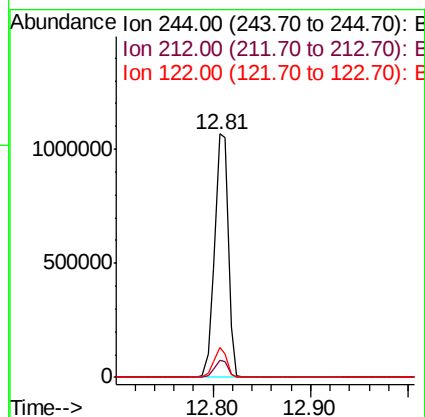
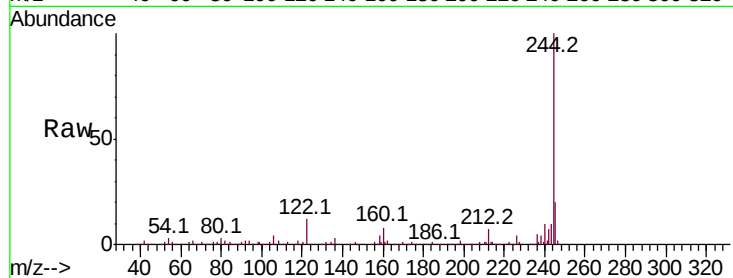


#78
 Terphenyl-d14
 Concen: 71.958 ng
 RT: 12.81 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BF109094.D
 Acq: 18 Sep 2018 14:39

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Tot Ion:244 Resp: 1040285

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.3	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BF109094.D
 Acq: 18 Sep 2018 14:39

Tgt Ion:264 Resp: 377553

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.0	17.5	26.3

