

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
 Data File : BF109762.D
 Acq On : 11 Oct 2018 00:30
 Operator : JU/SJ
 Sample : J5373-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB37708-7211990-45911RT

Quant Time: Oct 11 07:14:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

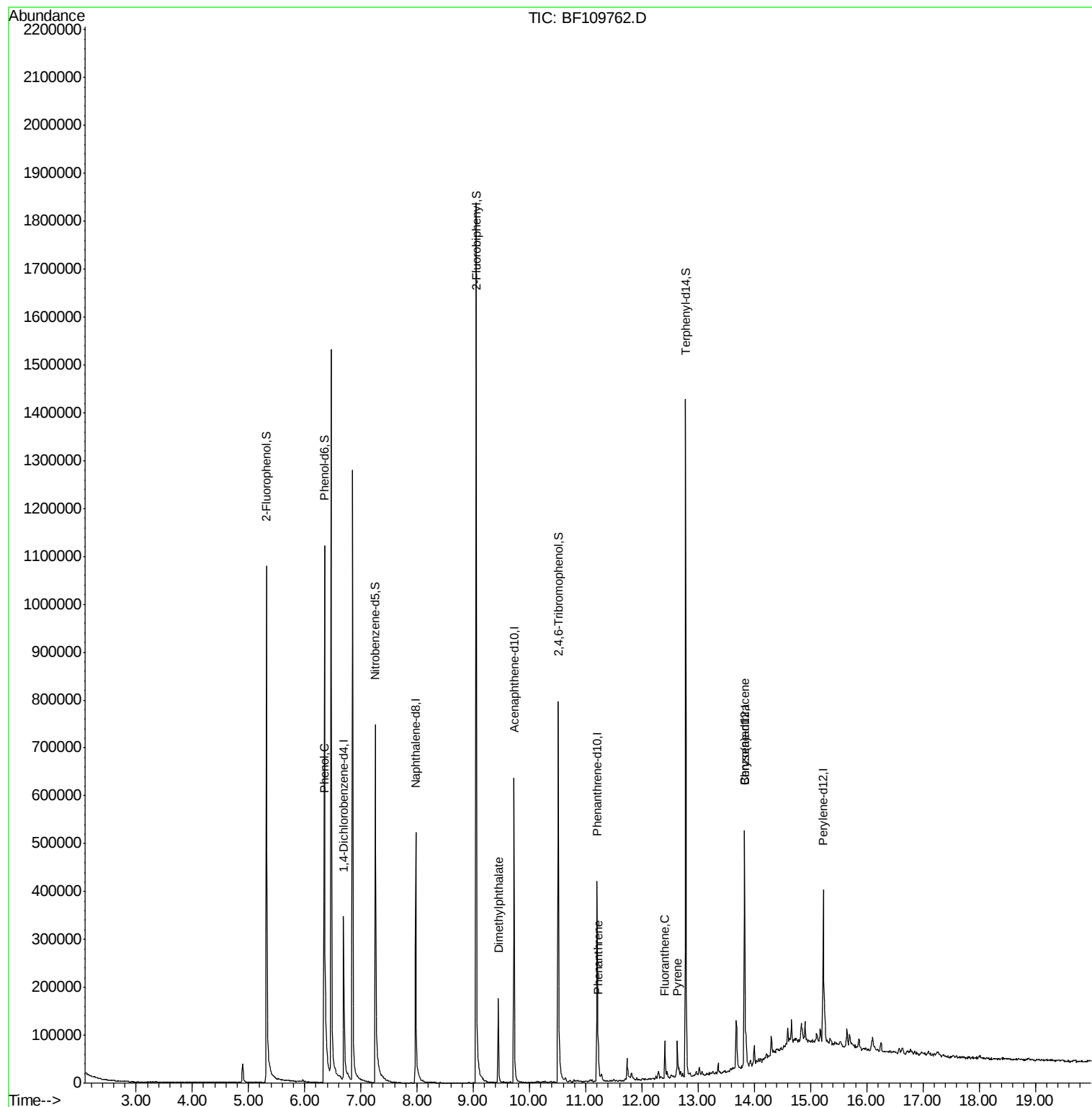
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	73688	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	292504	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	129874	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	215494	20.00	ng	0.00
75) Chrysene-d12	13.83	240	181973	20.00	ng	0.00
86) Perylene-d12	15.23	264	158968	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	399868	96.32	ng	0.00
7) Phenol-d6	6.35	99	558932	100.79	ng	0.00
23) Nitrobenzene-d5	7.26	82	364764	68.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	112953	79.82	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	658117	69.79	ng	0.00
78) Terphenyl-d14	12.78	244	487529	51.86	ng	0.00
Target Compounds						
10) Phenol	6.36	94	14017	2.204	ng	87
49) Dimethylphthalate	9.45	163	79109	8.305	ng	99
70) Phenanthrene	11.23	178	22836	2.118	ng	98
74) Fluoranthene	12.41	202	43414	3.854	ng	98
77) Pyrene	12.63	202	40036	3.003	ng	97
80) Benzo(a)anthracene	13.82	228	21707	2.162	ng	96

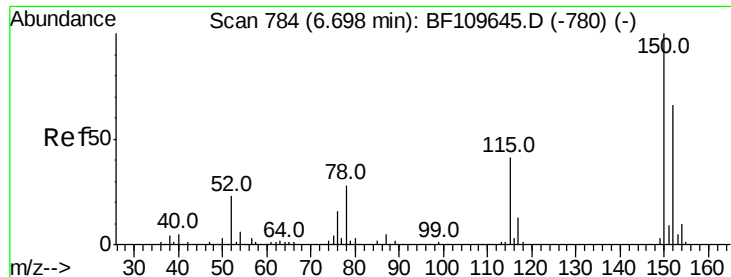
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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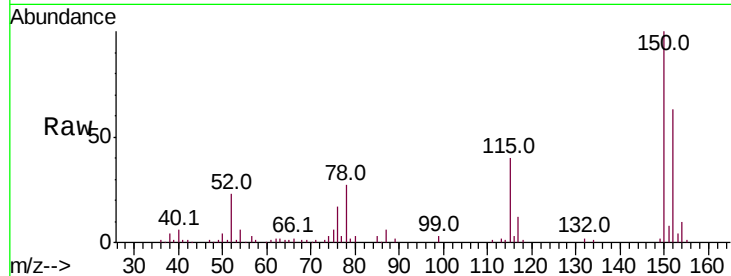


#1

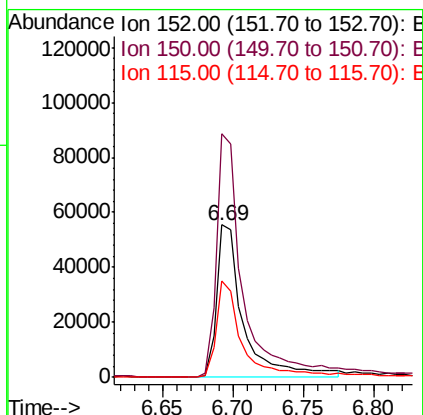
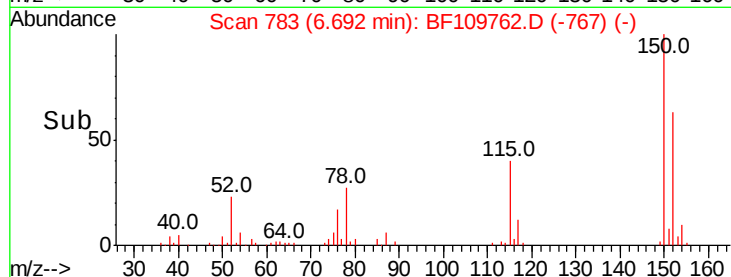
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109762.D
Acq: 11 Oct 2018 00:30

Instrument :
BNA_F
ClientSampleId :
RB37708-7211990-45911RT

Tot Ion:152 Resp: 73688
Ion Ratio Lower Upper
152 100
150 159.9 122.7 184.1
115 63.2 49.1 73.7



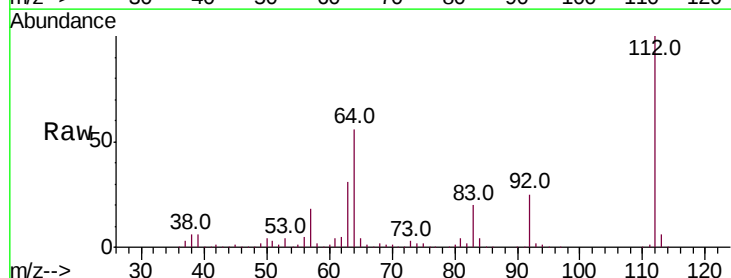
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



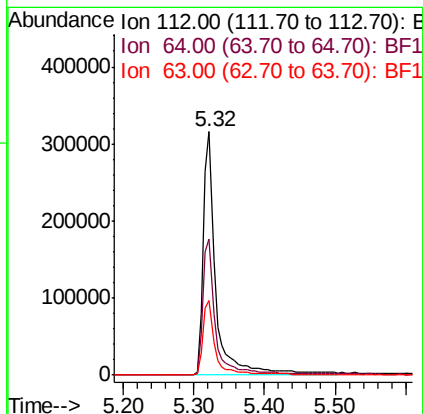
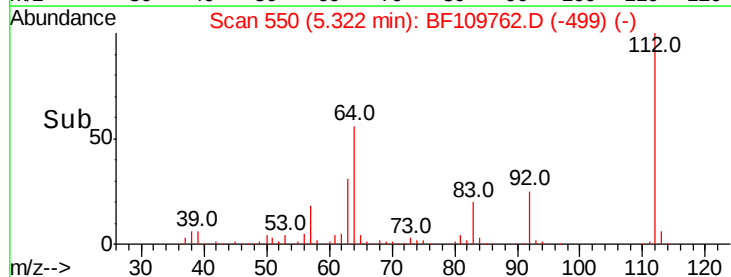
#5

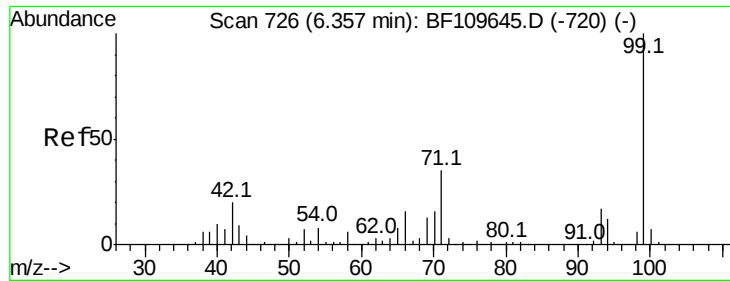
2-Fluorophenol
Concen: 96.322 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF109762.D
Acq: 11 Oct 2018 00:30

Tgt Ion:112 Resp: 399868
Ion Ratio Lower Upper
112 100
64 55.9 44.1 66.1
63 30.6 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: 100.786 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109762.D

Acq: 11 Oct 2018 00:30

Instrument :

BNA_F

ClientSampleId :

RB37708-7211990-45911RT

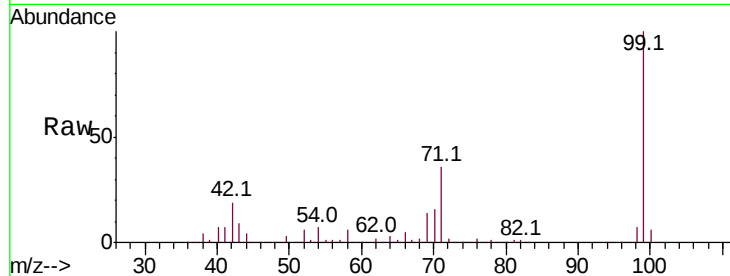
Tot Ion: 99 Resp: 558932

Ion Ratio Lower Upper

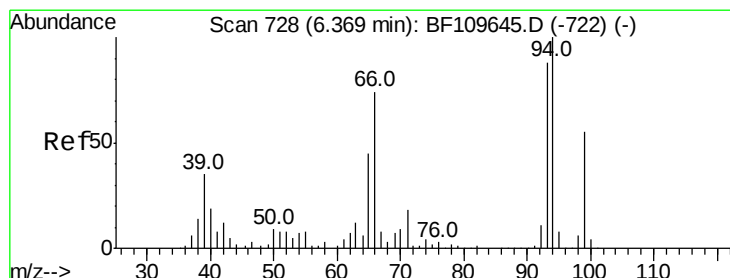
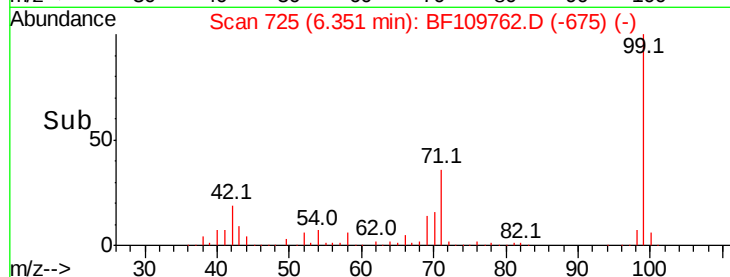
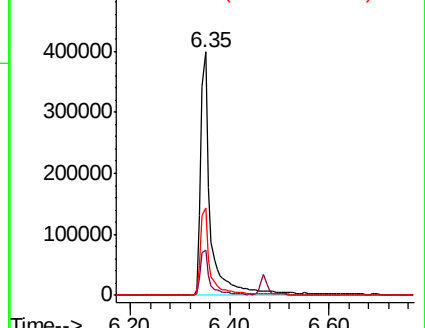
99 100

42 18.7 15.8 23.6

71 36.1 28.0 42.0



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: 2.204 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109762.D

Acq: 11 Oct 2018 00:30

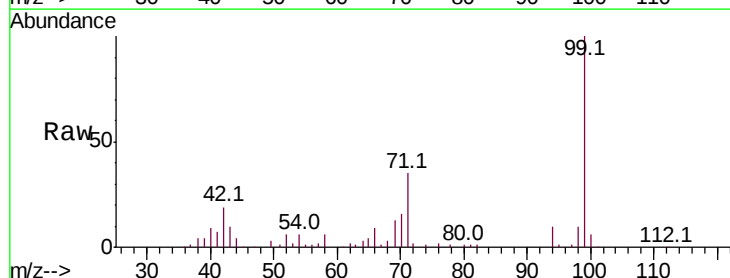
Tgt Ion: 94 Resp: 14017

Ion Ratio Lower Upper

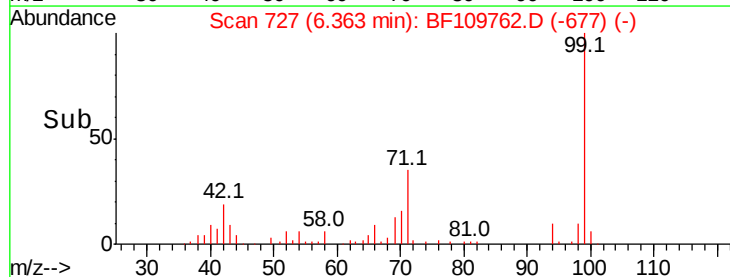
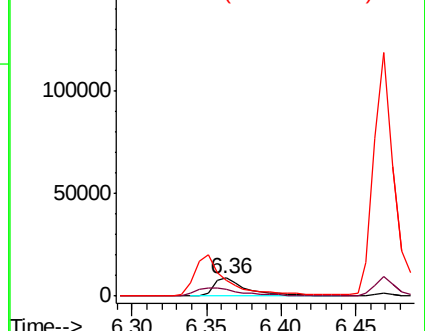
94 100

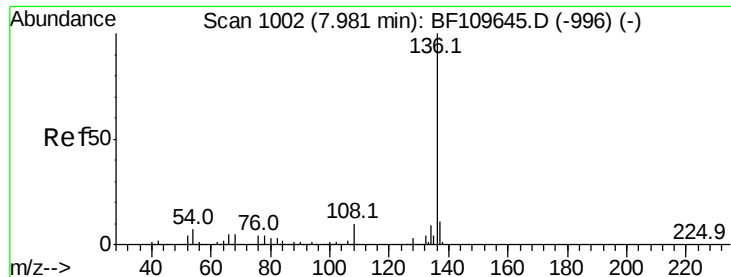
65 39.9 25.3 65.3

66 88.4 54.5 94.5



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

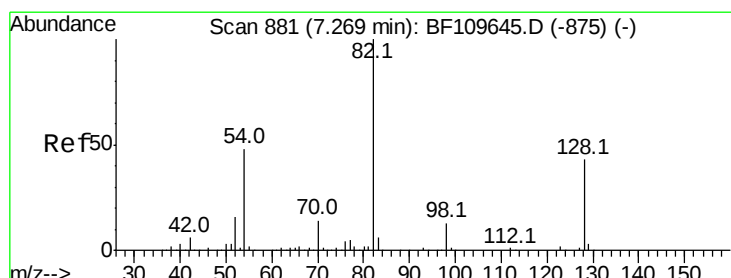
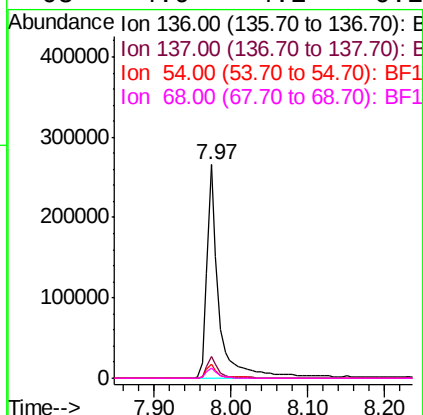
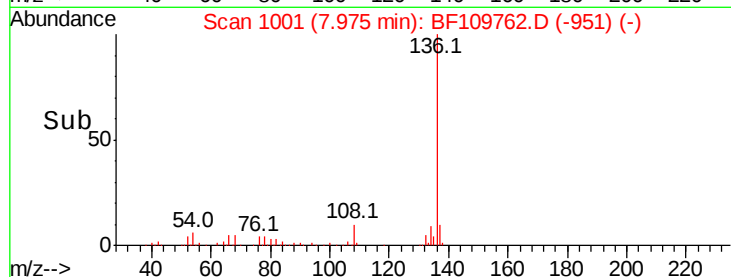
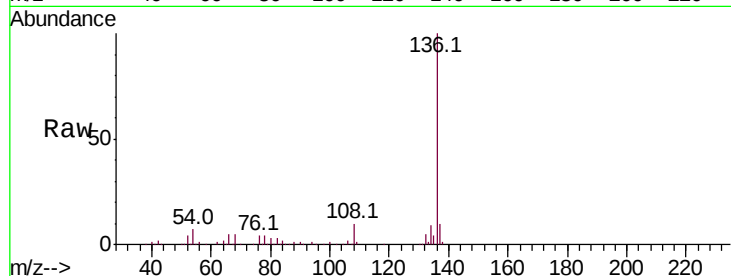




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109762.D
Acq: 11 Oct 2018 00:30

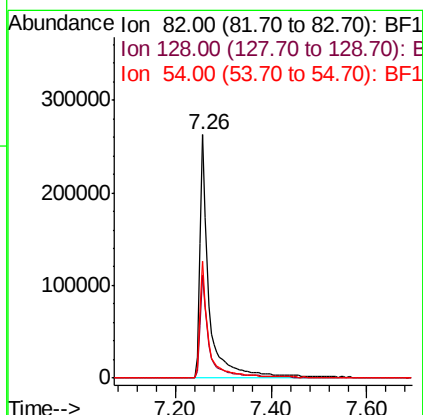
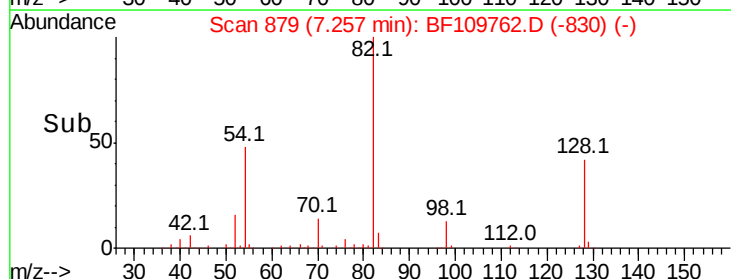
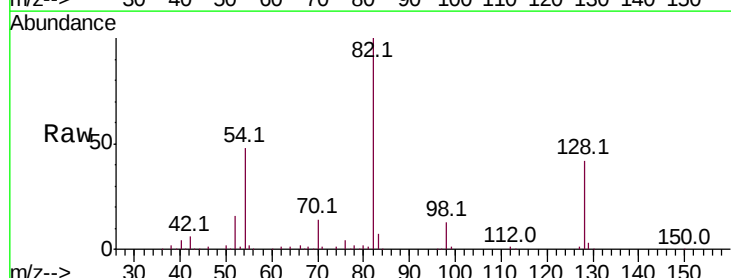
Instrument :
BNA_F
ClientSampleId :
RB37708-7211990-45911RT

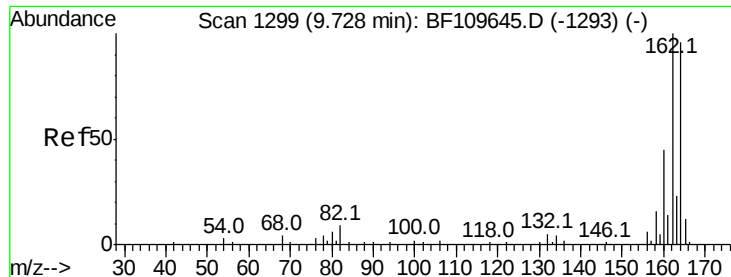
Tot Ion:136	Resp:	292504	
Ion Ratio	Lower	Upper	
136 100			
137 10.5	8.8	13.2	
54 6.5	5.4	8.2	
68 4.9	4.2	6.2	



#23
Nitrobenzene-d5
Concen: 68.741 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109762.D
Acq: 11 Oct 2018 00:30

Tgt Ion: 82	Resp: 364764
Ion Ratio	Lower Upper
82 100	
128 42.2	34.2 51.2
54 47.8	38.6 58.0

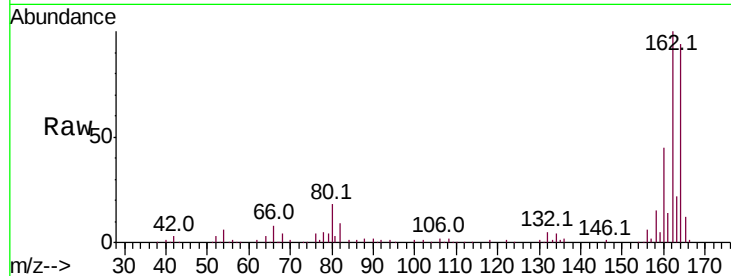




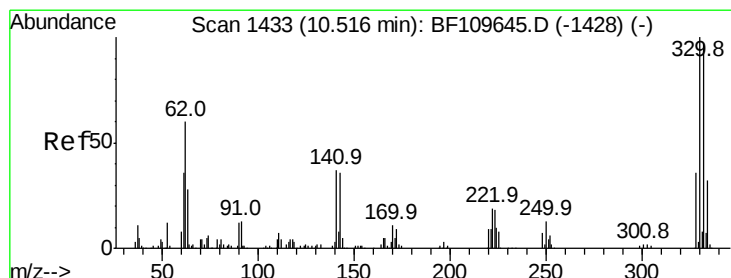
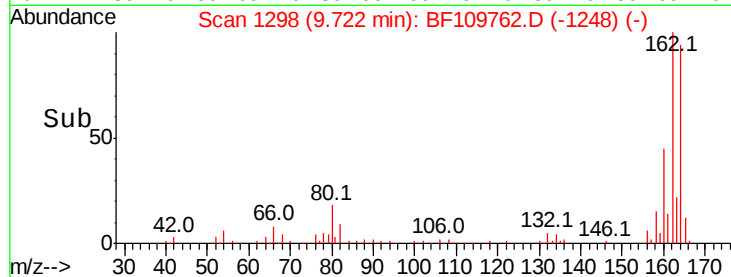
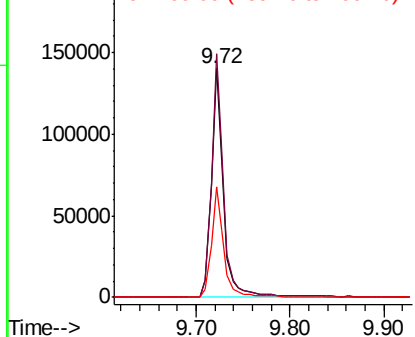
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109762.D
Acq: 11 Oct 2018 00:30

Instrument :
BNA_F
ClientSampleId :
RB37708-7211990-45911RT

Tot Ion:164 Resp: 129874
Ion Ratio Lower Upper
164 100
162 106.1 83.0 124.6
160 48.2 37.0 55.6

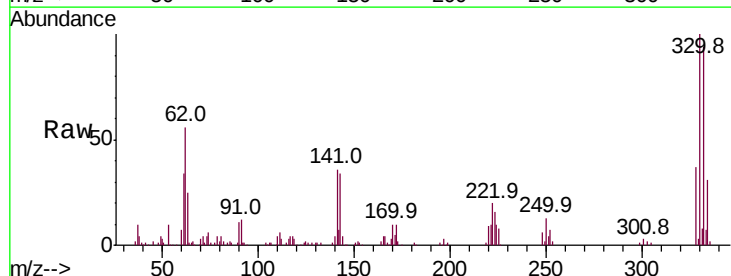


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

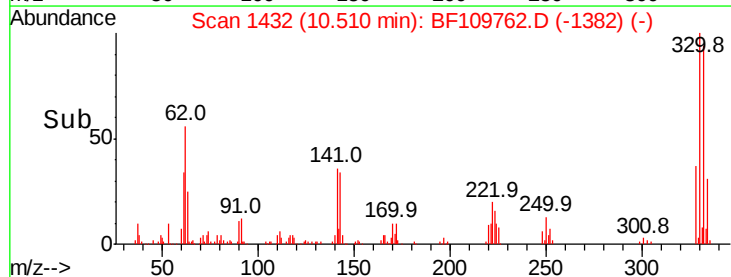
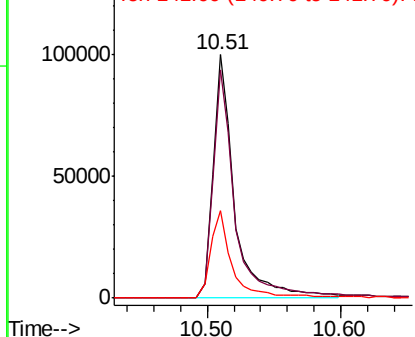


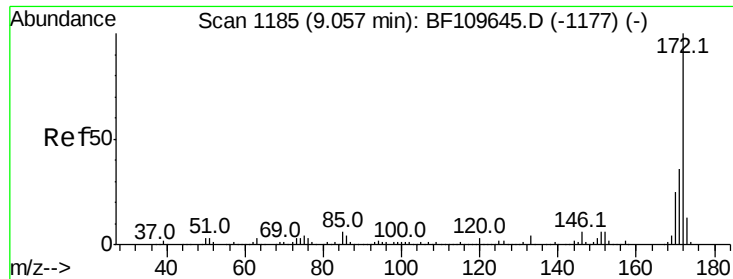
#41
2,4,6-Tribromophenol
Concen: 79.819 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF109762.D
Acq: 11 Oct 2018 00:30

Tgt Ion:330 Resp: 112953
Ion Ratio Lower Upper
330 100
332 98.9 77.1 115.7
141 37.5 27.0 40.4



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

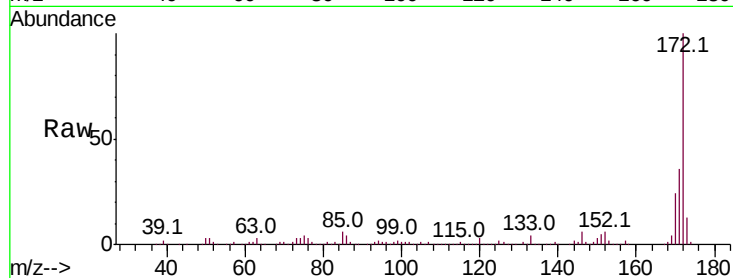




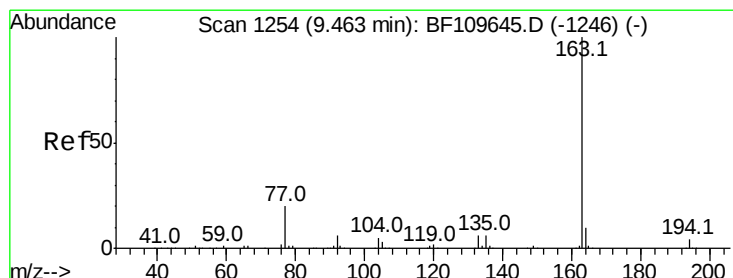
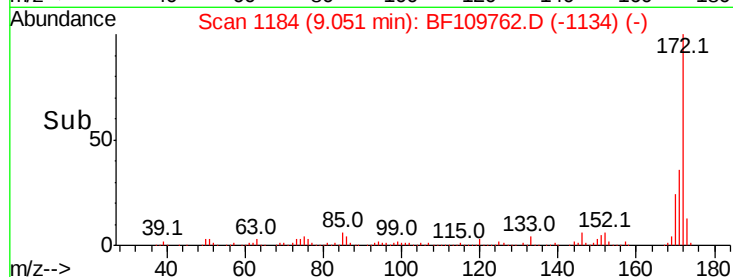
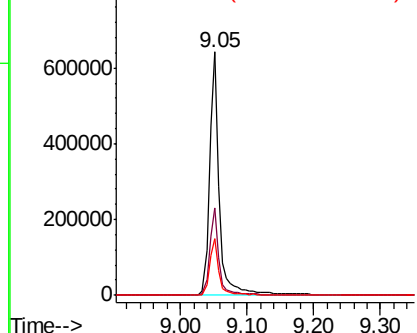
#44
2-Fluorobiphenyl
Concen: 69.790 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109762.D
Acq: 11 Oct 2018 00:30

Instrument :
BNA_F
ClientSampleId :
RB37708-7211990-45911RT

Tot Ion:172 Resp: 658117
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.5 19.7 29.5

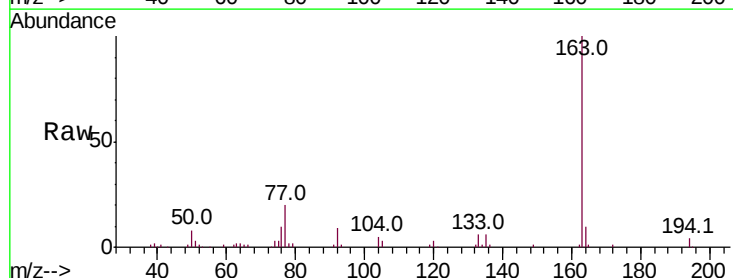


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

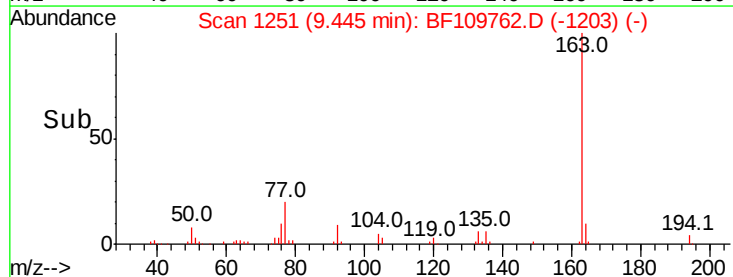
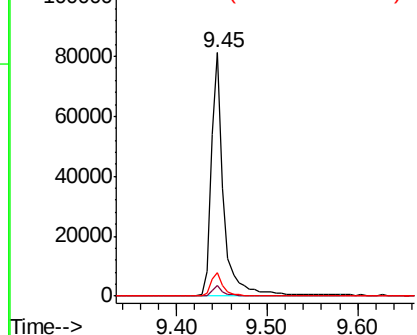


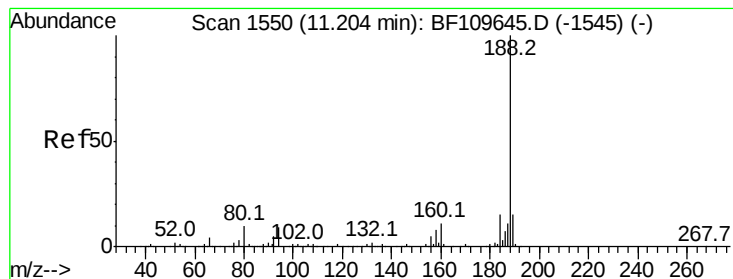
#49
Dimethylphthalate
Concen: 8.305 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109762.D
Acq: 11 Oct 2018 00:30

Tgt Ion:163 Resp: 79109
Ion Ratio Lower Upper
163 100
194 4.3 3.2 4.8
164 9.9 8.1 12.1



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: 11.20 min Scan# 1550

Delta R.T. -0.00 min

Lab File: BF109762.D

Acq: 11 Oct 2018 00:30

Instrument :

BNA_F

ClientSampleId :

RB37708-7211990-45911RT

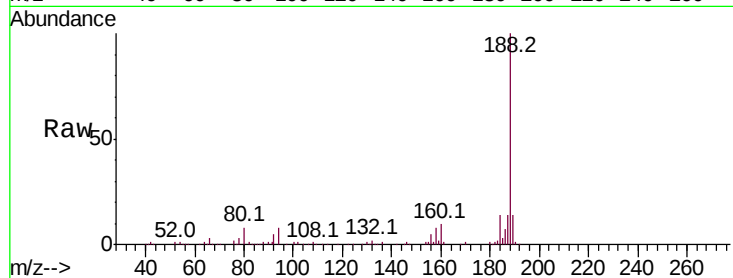
Tot Ion:188 Resp: 215494

Ion Ratio Lower Upper

188 100

94 7.9 7.2 10.8

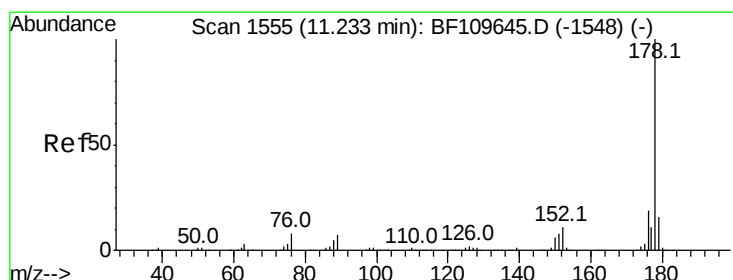
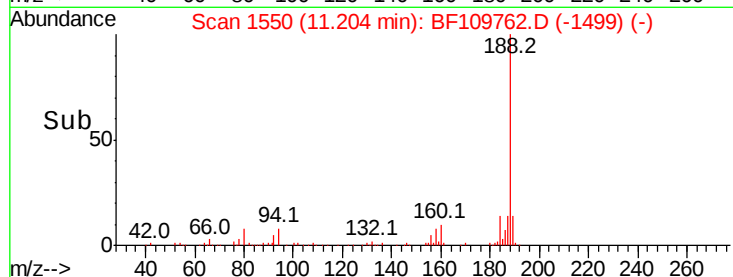
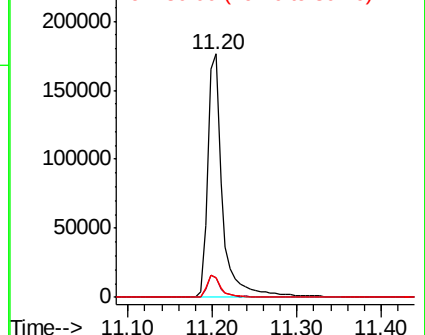
80 8.2 7.9 11.9



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



#70

Phenanthrene

Concen: 2.118 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BF109762.D

Acq: 11 Oct 2018 00:30

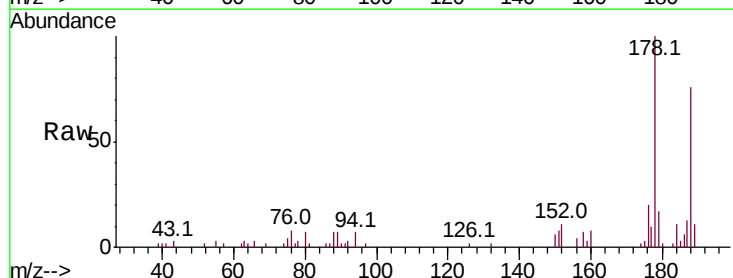
Tgt Ion:178 Resp: 22836

Ion Ratio Lower Upper

178 100

176 20.1 15.5 23.3

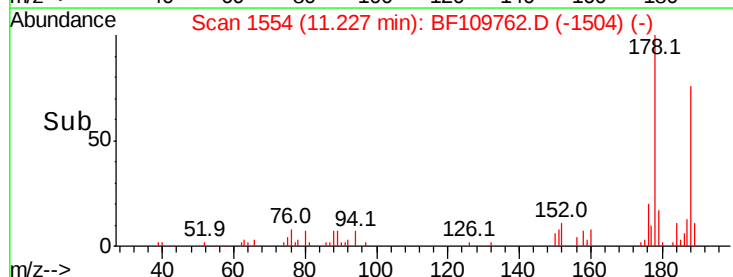
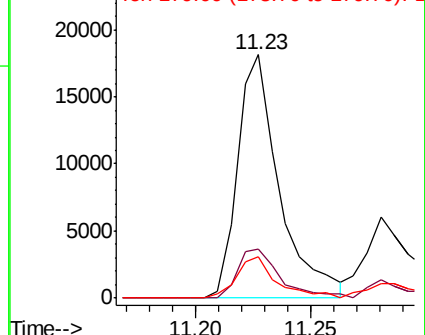
179 17.0 12.5 18.7

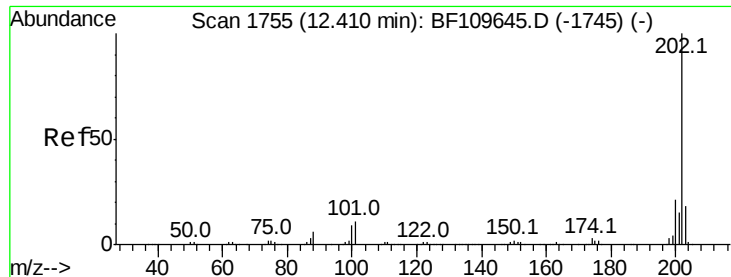


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

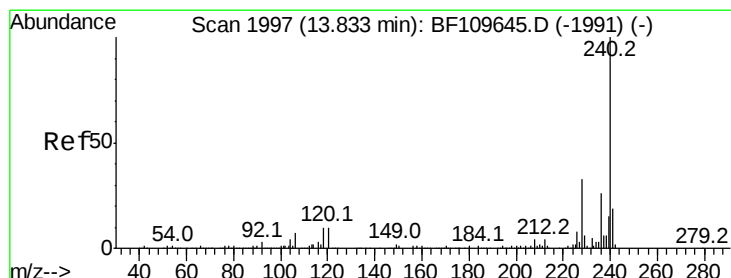
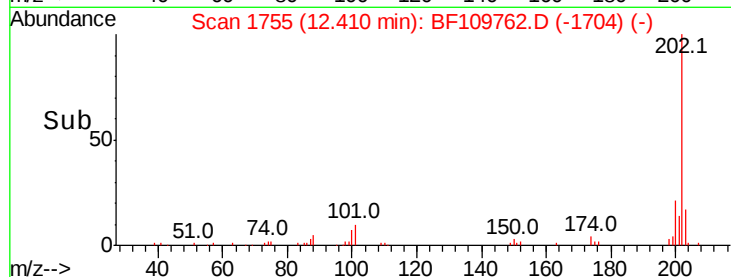
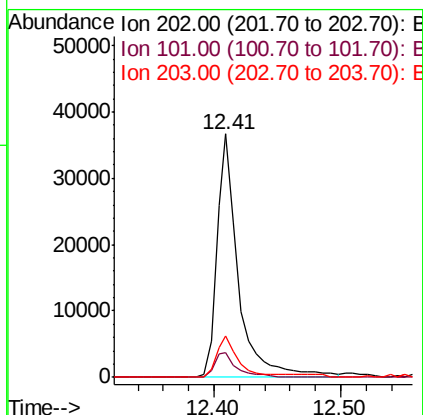
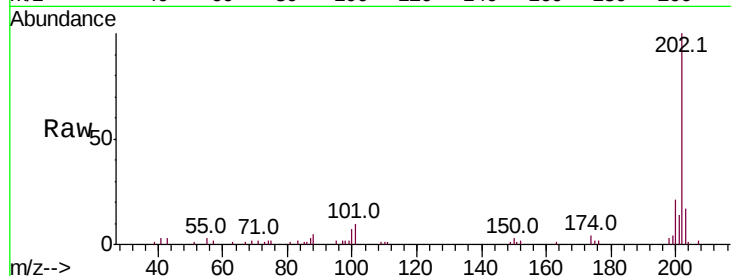




#74
Fluoranthene
 Concen: 3.854 ng
 RT: 12.41 min Scan# 1755
 Delta R.T. -0.00 min
 Lab File: BF109762.D
 Acq: 11 Oct 2018 00:30

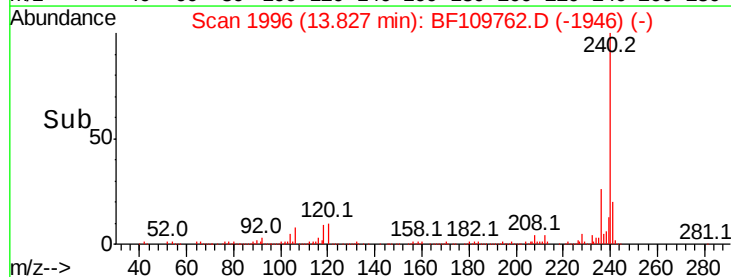
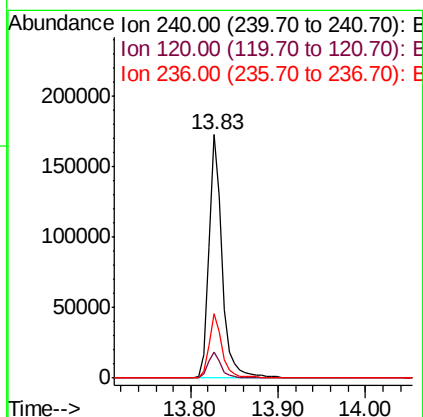
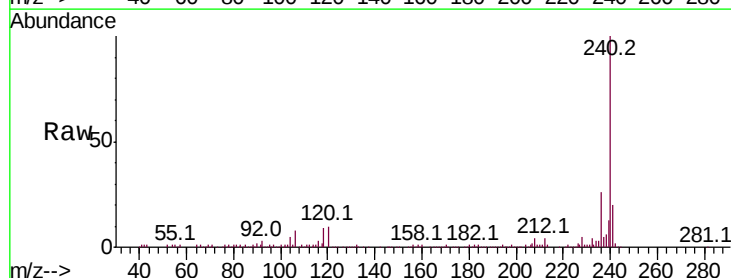
Instrument :
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 RB37708-7211990-45911RT

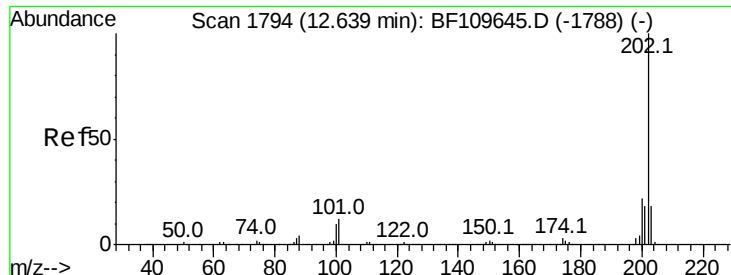
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.4
203	17.1	0.0	37.7



#75
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF109762.D
 Acq: 11 Oct 2018 00:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.3	12.5
236	26.3	21.2	31.8





#77

Pvrene

Concen: 3.003 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF109762.D

Acq: 11 Oct 2018 00:30

Instrument :

BNA_F

ClientSampleId :

RB37708-7211990-45911RT

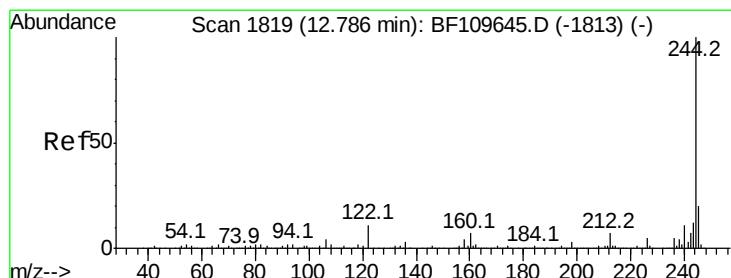
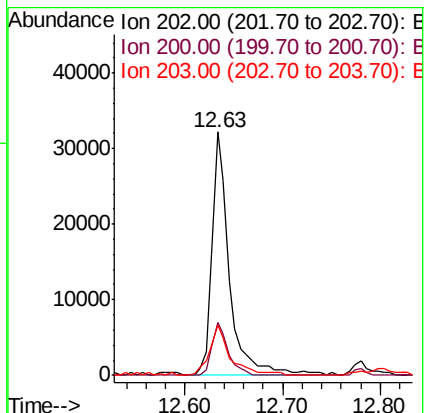
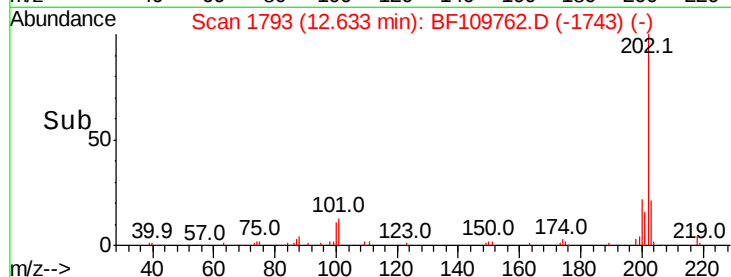
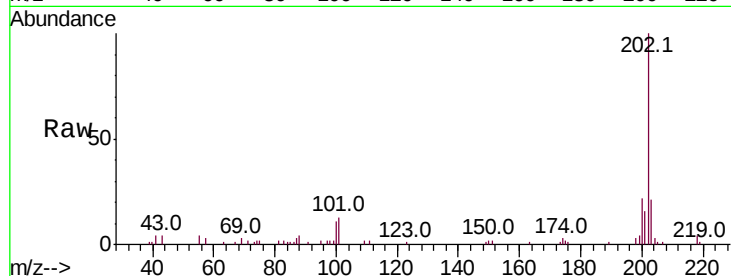
Tot Ion:202 Resp: 40036

Ion Ratio Lower Upper

202 100

200 21.9 17.8 26.6

203 20.6 14.2 21.4



#78

Terphenyl-d14

Concen: 51.864 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109762.D

Acq: 11 Oct 2018 00:30

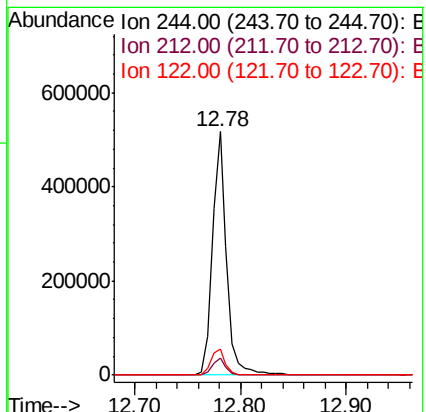
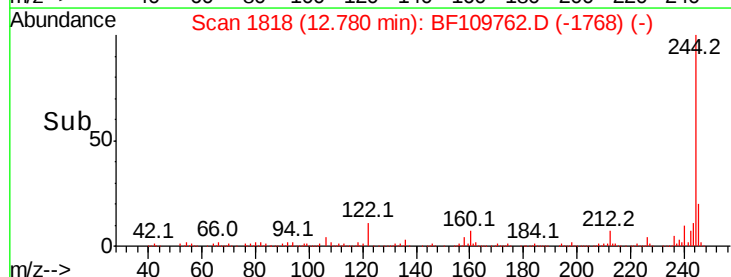
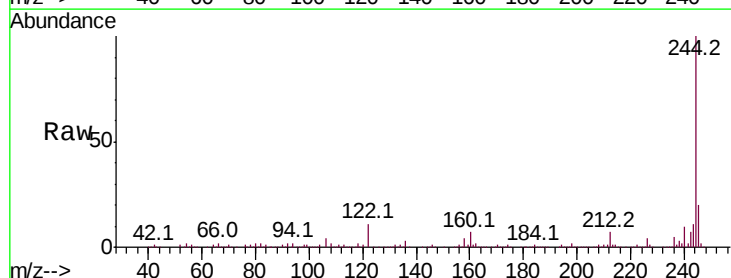
Tgt Ion:244 Resp: 487529

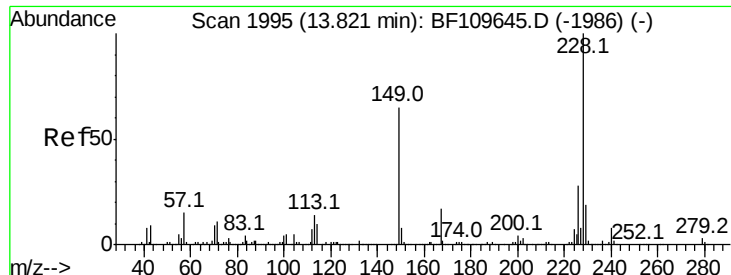
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.6 8.7 13.1

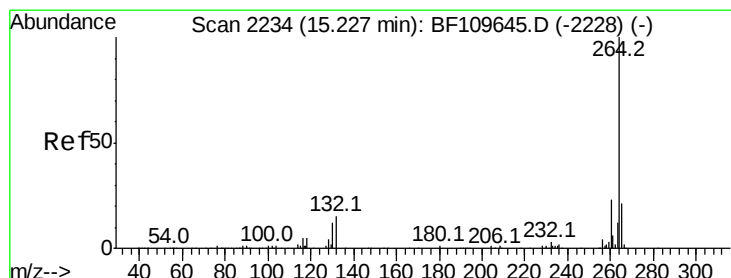
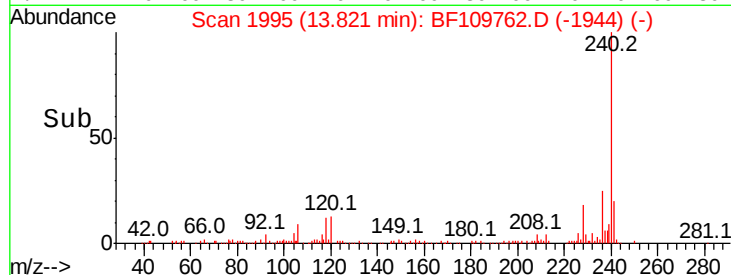
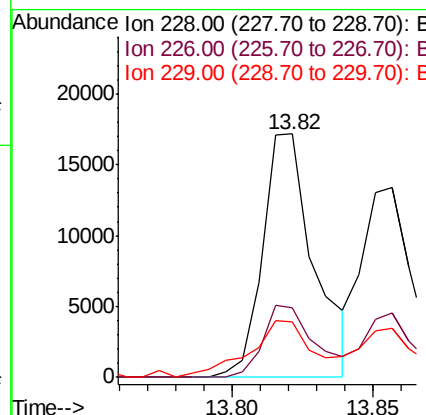
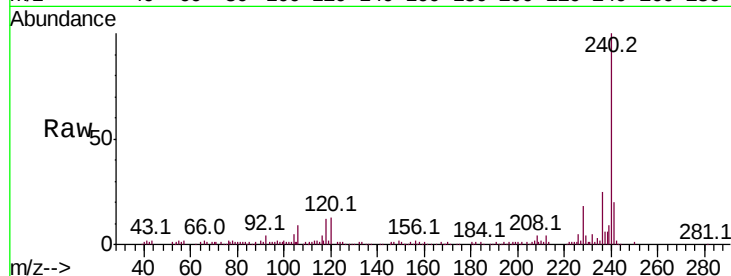




#80
Benzo(a)anthracene
Concen: 2.162 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF109762.D
Acq: 11 Oct 2018 00:30

Instrument :
BNA_F
ClientSampleId :
RB37708-7211990-45911RT

Tot Ion:228 Resp: 21707
Ion Ratio Lower Upper
228 100
226 28.8 22.1 33.1
229 22.9 15.6 23.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109762.D
Acq: 11 Oct 2018 00:30

Tgt Ion:264 Resp: 158968
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 21.6 16.7 25.1

