

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108504.D
 Acq On : 27 Aug 2018 12:28
 Operator : JU/SJ
 Sample : J4282-13 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-082318-B

Quant Time: Aug 27 14:00:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

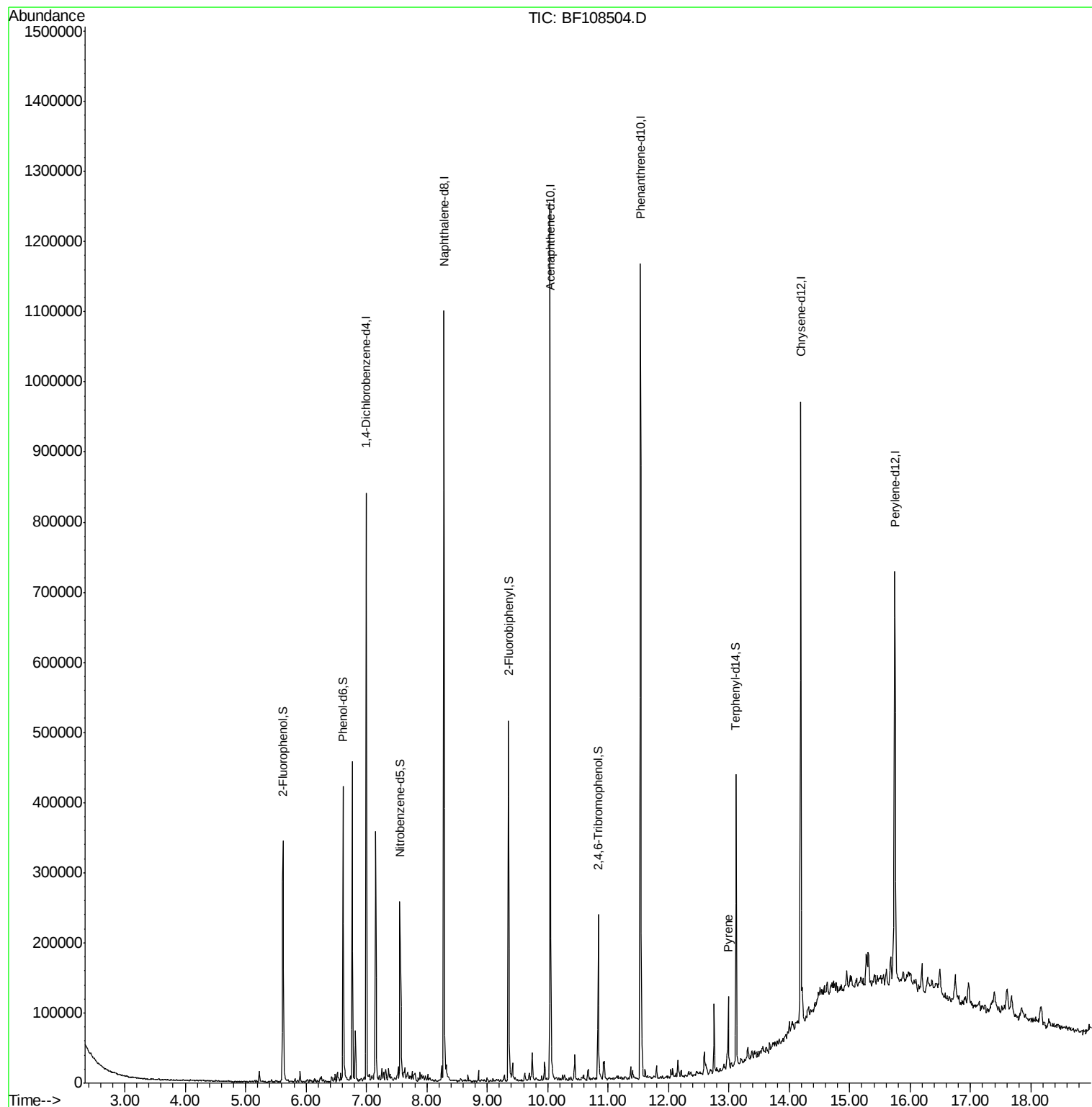
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	119117	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	476970	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	236673	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	427027	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	293675	20.00	ng	-0.01
86) Perylene-d12	15.75	264	300146	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	92231	14.02	ng	-0.01
7) Phenol-d6	6.61	99	130835	14.96	ng	-0.02
23) Nitrobenzene-d5	7.55	82	81928	9.58	ng	-0.02
41) 2,4,6-Tribromophenol	10.84	330	32983	13.97	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	173472	11.77	ng	-0.01
78) Terphenyl-d14	13.12	244	132974	11.51	ng	-0.01
Target Compounds						
77) Pyrene	12.99	202	39900	2.146	ng	Qvalue 100

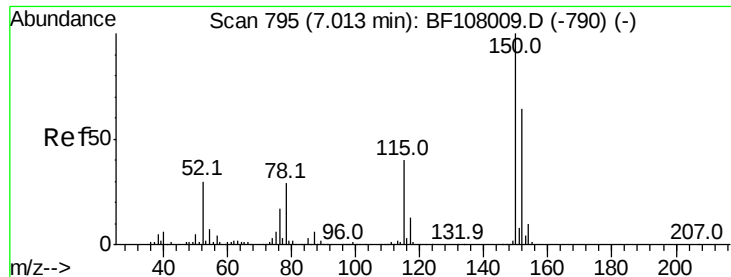
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108504.D
Acq On : 27 Aug 2018 12:28
Operator : JU/SJ
Sample : J4282-13 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-082318-B

Quant Time: Aug 27 14:00:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration



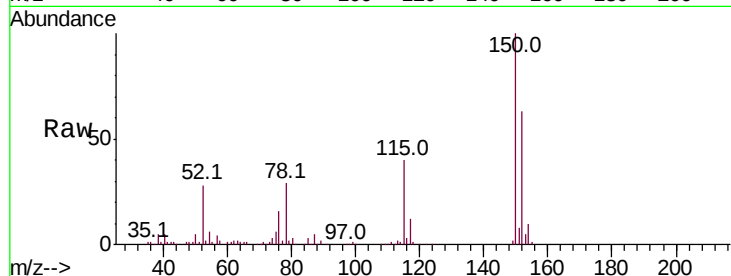


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108504.D
Acq: 27 Aug 2018 12:28

Instrument :
BNA_F
ClientSampleId :
SU-02-082318-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	63.0	50.1	75.1

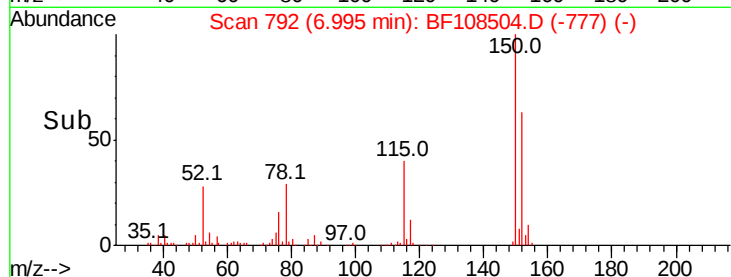
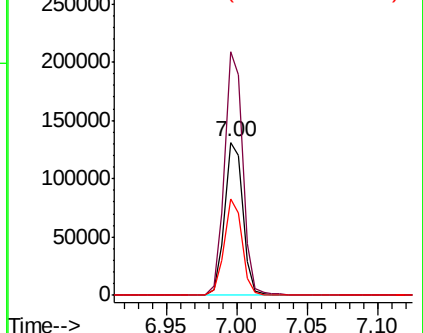


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

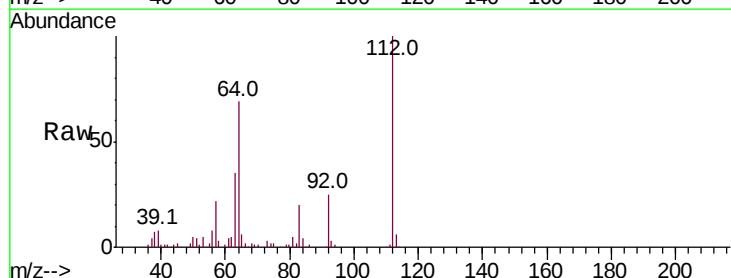
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 14.018 ng
RT: 5.62 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF108504.D
Acq: 27 Aug 2018 12:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.4	47.9	71.9
63	35.3	23.7	35.5

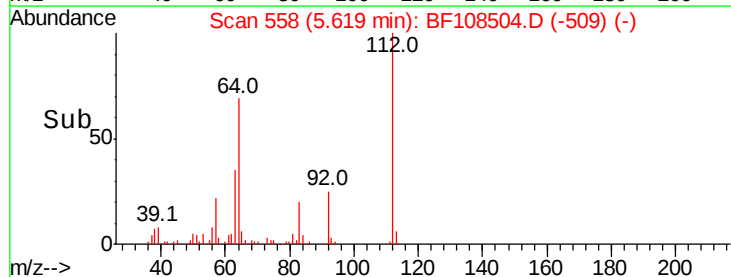
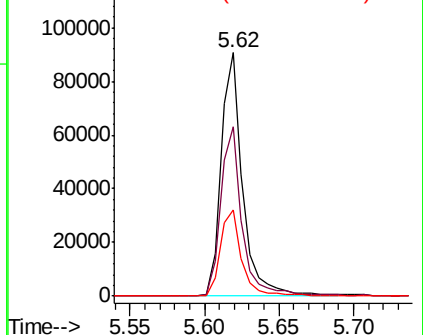


Abundance

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: 14.964 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108504.D

Acq: 27 Aug 2018 12:28

Instrument :

BNA_F

ClientSampleId :

SU-02-082318-B

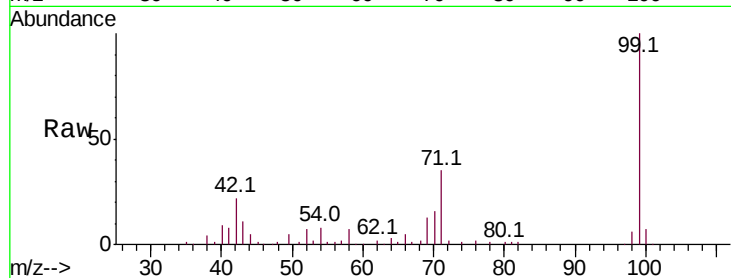
Tot Ion: 99 Resp: 130835

Ion Ratio Lower Upper

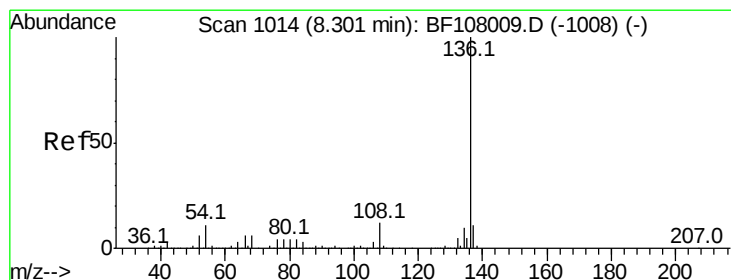
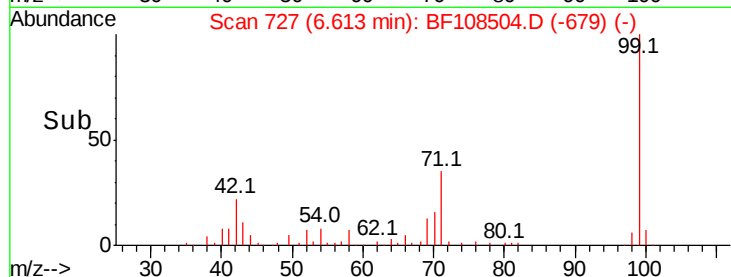
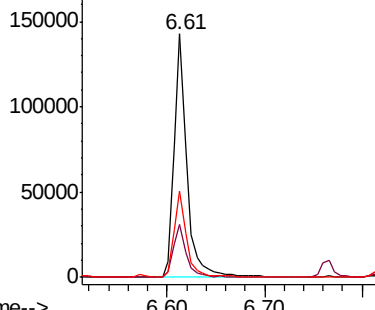
99 100

42 21.8 14.5 21.7#

71 35.3 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108504.D

Acq: 27 Aug 2018 12:28

Tgt Ion: 136 Resp: 476970

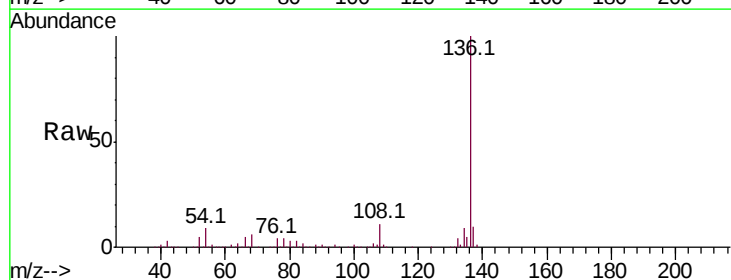
Ion Ratio Lower Upper

136 100

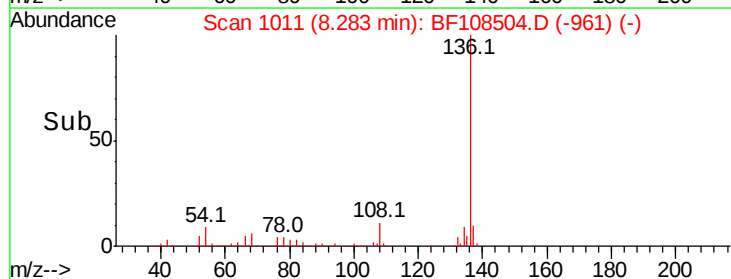
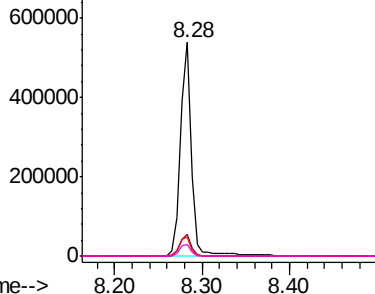
137 10.5 8.9 13.3

54 8.8 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: 9.585 ng

RT: 7.55 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF108504.D

Acq: 27 Aug 2018 12:28

Instrument :

BNA_F

ClientSampleId :

SU-02-082318-B

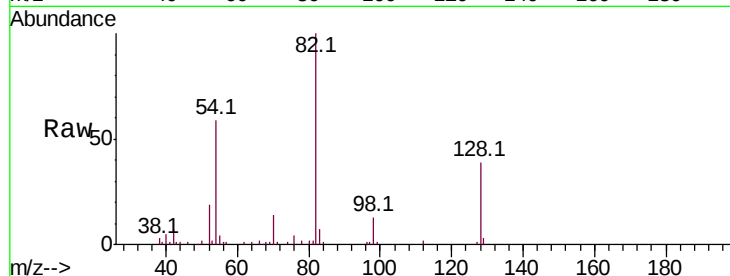
Tot Ion: 82 Resp: 81928

Ion Ratio Lower Upper

82 100

128 39.3 36.1 54.1

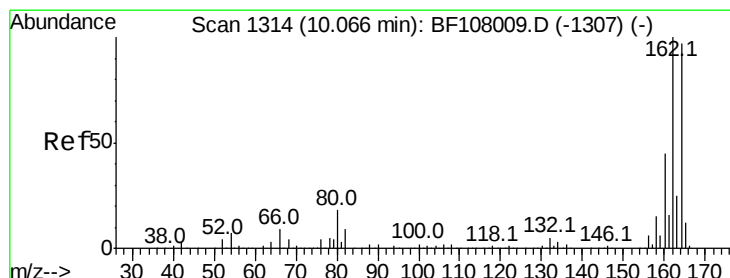
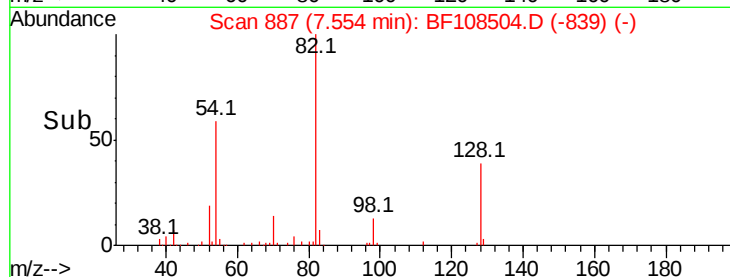
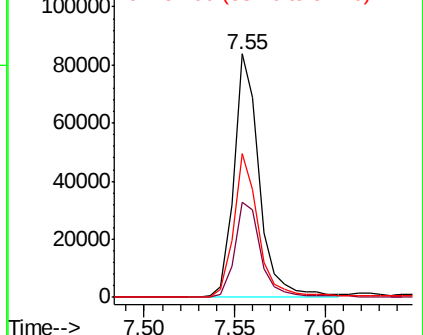
54 59.2 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF108504.D

Acq: 27 Aug 2018 12:28

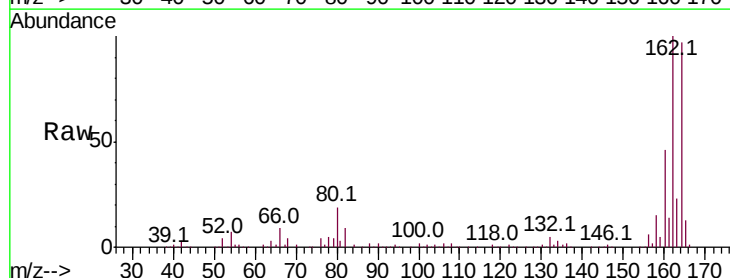
Tgt Ion:164 Resp: 236673

Ion Ratio Lower Upper

164 100

162 102.9 86.1 129.1

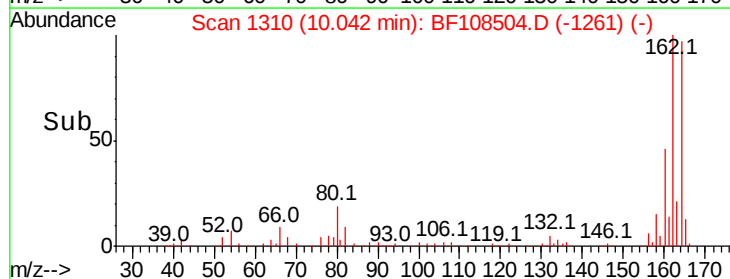
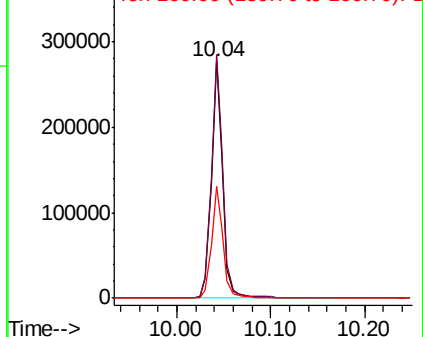
160 47.4 38.3 57.5



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

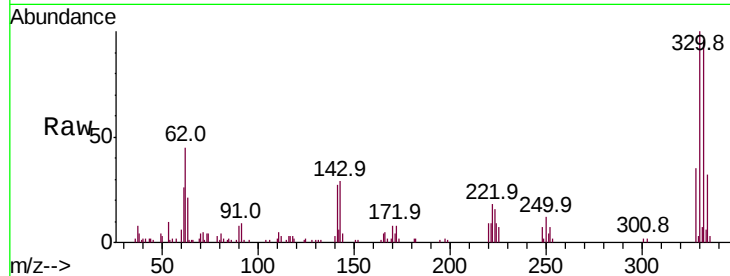




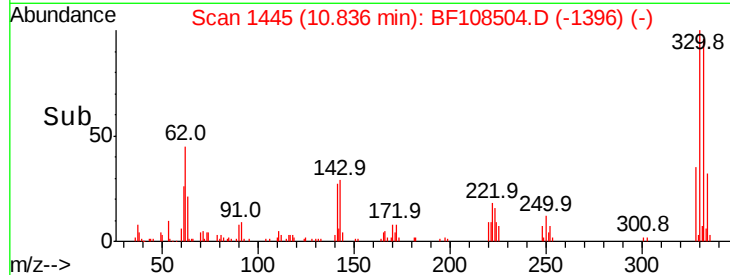
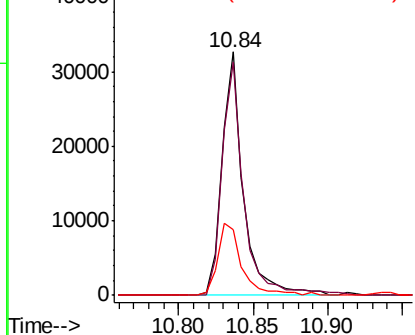
#41
 2,4,6-Tribromophenol
 Concen: 13.971 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108504.D
 Acq: 27 Aug 2018 12:28

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-082318-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	33.4	29.9	44.9

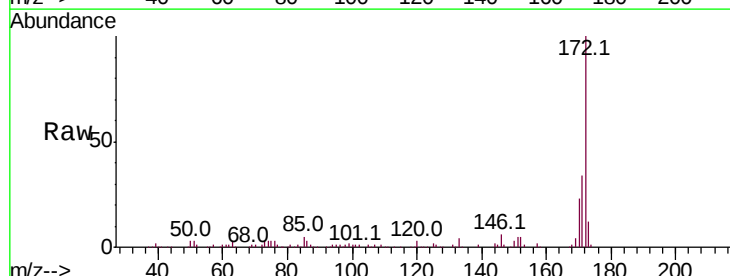


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

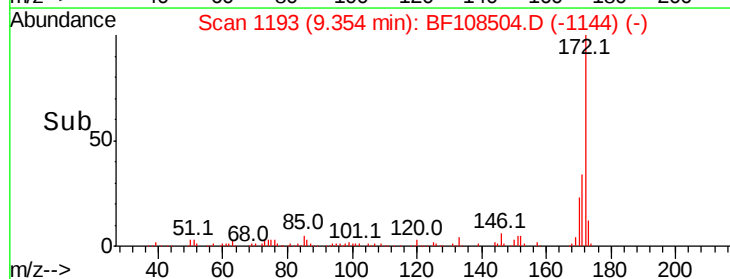
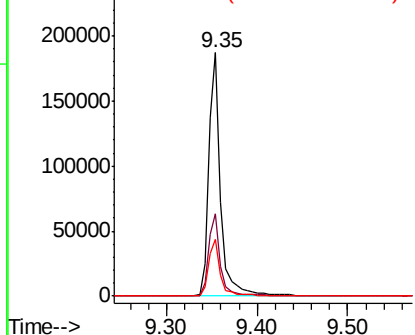


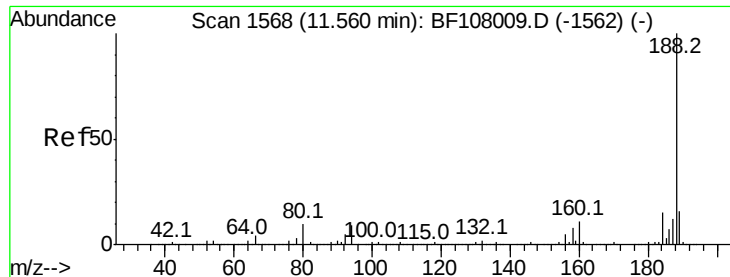
#44
 2-Fluorobiphenyl
 Concen: 11.767 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108504.D
 Acq: 27 Aug 2018 12:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.8	29.7	44.5
170	23.1	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

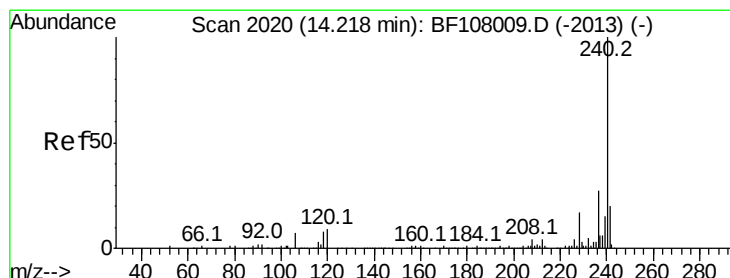
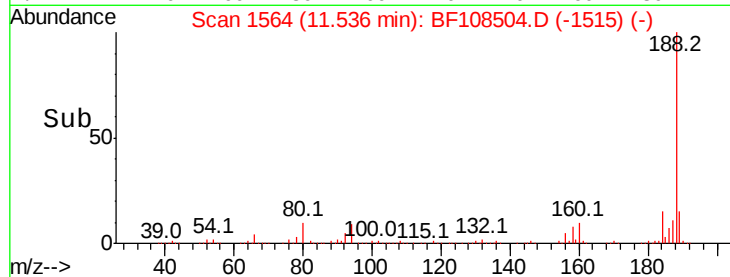
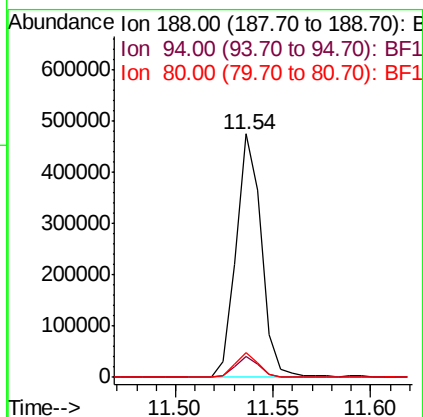
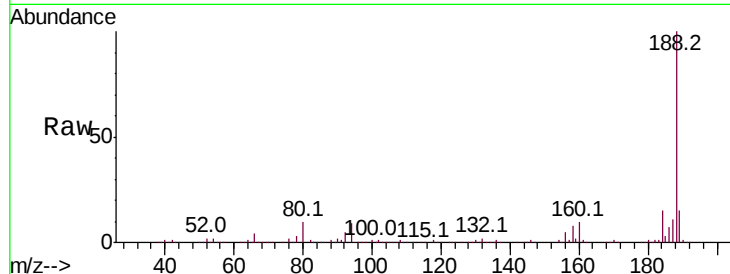




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108504.D
Acq: 27 Aug 2018 12:28

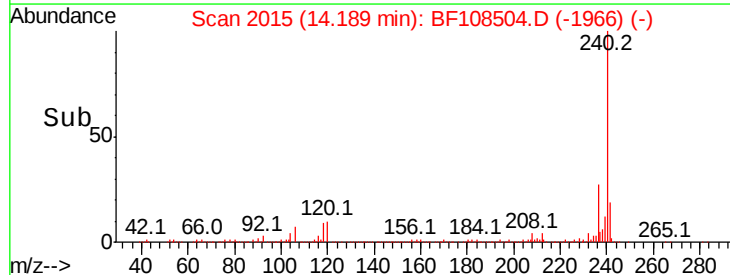
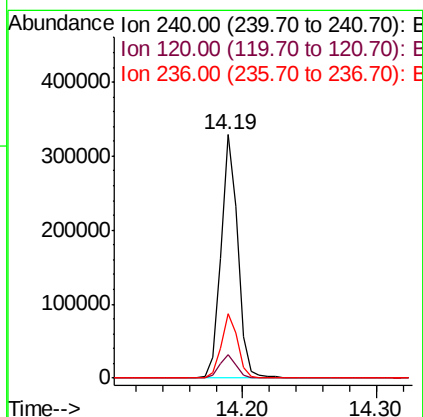
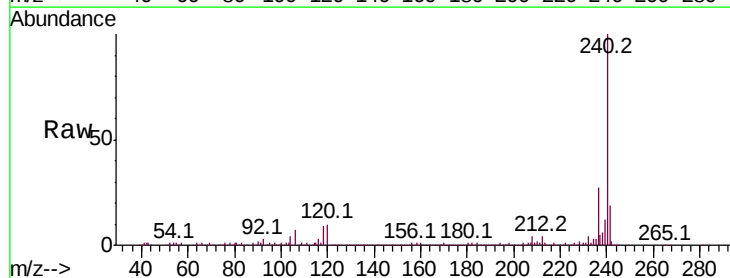
Instrument :
BNA_F
ClientSampleId :
SU-02-082318-B

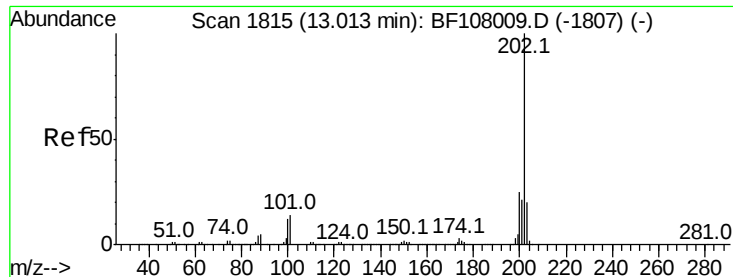
Tot Ion:188 Resp: 427027
Ion Ratio Lower Upper
188 100
94 8.8 8.5 12.7
80 10.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108504.D
Acq: 27 Aug 2018 12:28

Tgt Ion:240 Resp: 293675
Ion Ratio Lower Upper
240 100
120 9.6 9.5 14.3
236 26.5 20.7 31.1





#77

Pvrene

Concen: 2.146 ng

RT: 12.99 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF108504.D

Acq: 27 Aug 2018 12:28

Instrument :

BNA_F

ClientSampleId :

SU-02-082318-B

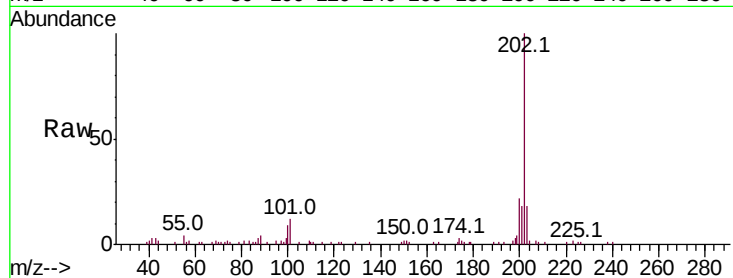
Tot Ion:202 Resp: 39900

Ion Ratio Lower Upper

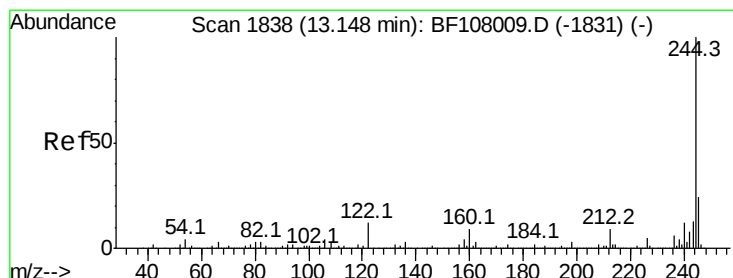
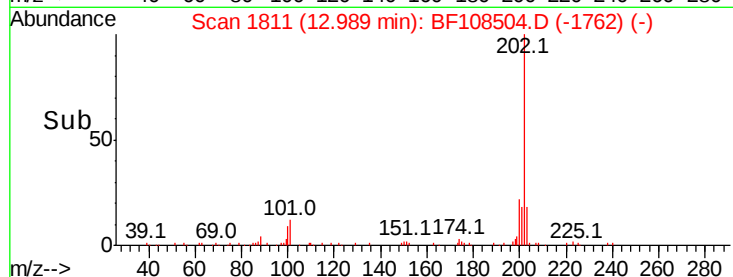
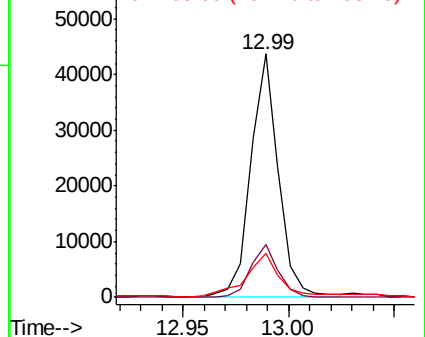
202 100

200 21.6 17.4 26.2

203 17.8 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: 11.513 ng

RT: 13.12 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF108504.D

Acq: 27 Aug 2018 12:28

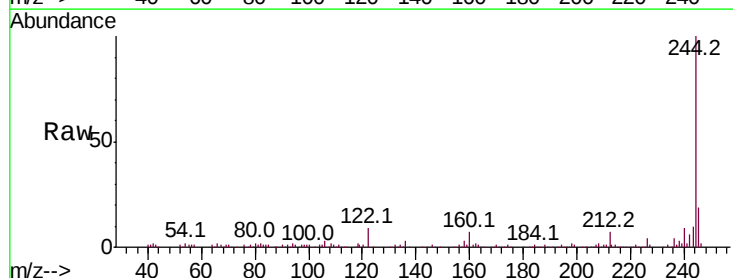
Tgt Ion:244 Resp: 132974

Ion Ratio Lower Upper

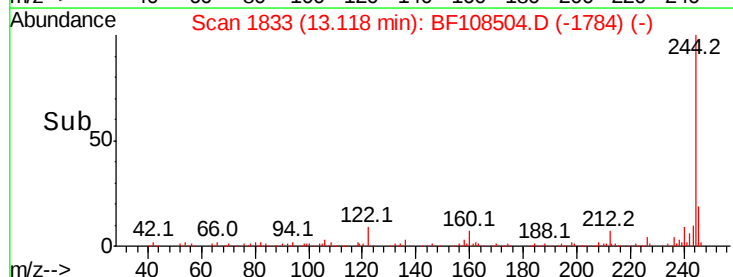
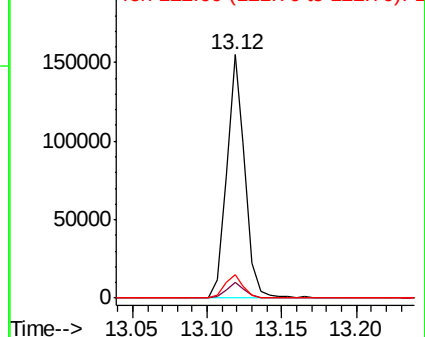
244 100

212 6.6 5.4 8.0

122 9.5 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





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108504.D
 Acq: 27 Aug 2018 12:28

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-082318-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.0	17.5	26.3

