

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
 Data File : BF108338.D
 Acq On : 21 Aug 2018 14:50
 Operator : JU/SJ
 Sample : J4521-24
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11979

Quant Time: Aug 21 15:23:34 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 08 12:24:24 2018
 Response via : Initial Calibration

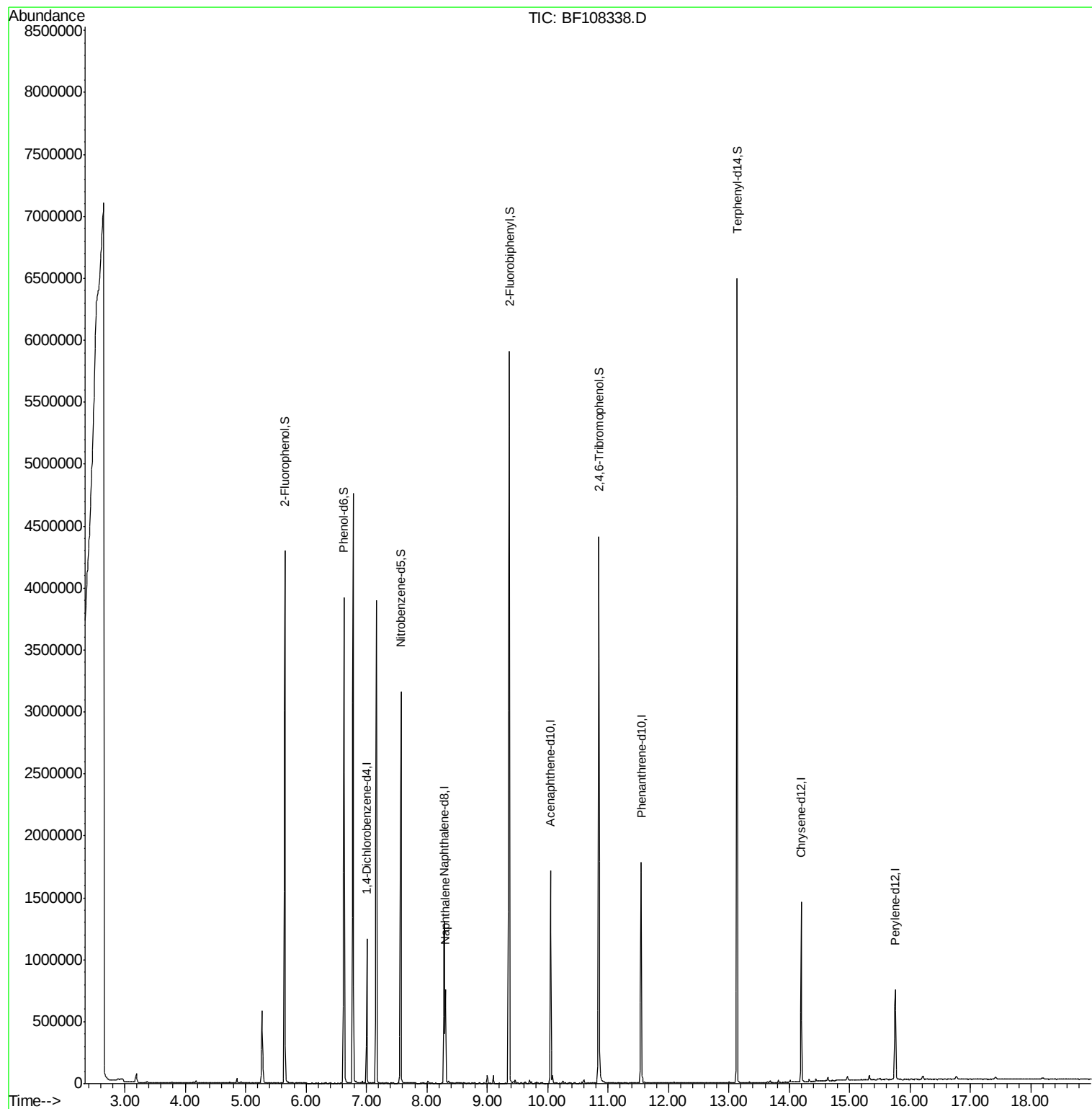
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	168090	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	643379	20.00	ng	-0.01
38) Acenaphthene-d10	10.05	164	329902	20.00	ng	-0.02
63) Phenanthrene-d10	11.55	188	690334	20.00	ng	-0.01
75) Chrysene-d12	14.20	240	535286	20.00	ng	-0.02
86) Perylene-d12	15.75	264	360856	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1193727	128.57	ng	0.02
7) Phenol-d6	6.63	99	1415134	114.70	ng	0.00
23) Nitrobenzene-d5	7.57	82	1212483	105.16	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	587849	178.64	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	2080479	101.25	ng	-0.01
78) Terphenyl-d14	13.14	244	2646469	125.71	ng	-0.01
Target Compounds						
31) Naphthalene	8.31	128	338593	11.572	ng	Qvalue 99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
Data File : BF108338.D
Acq On : 21 Aug 2018 14:50
Operator : JU/SJ
Sample : J4521-24
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11979

Quant Time: Aug 21 15:23:34 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 08 12:24:24 2018
Response via : Initial Calibration



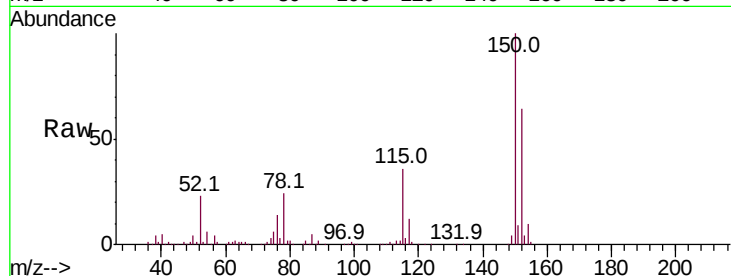


#1

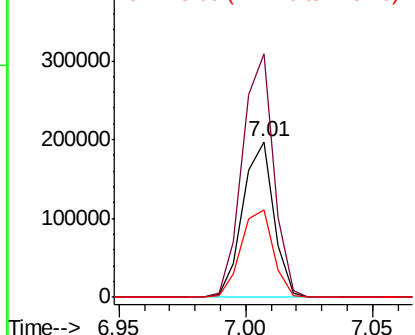
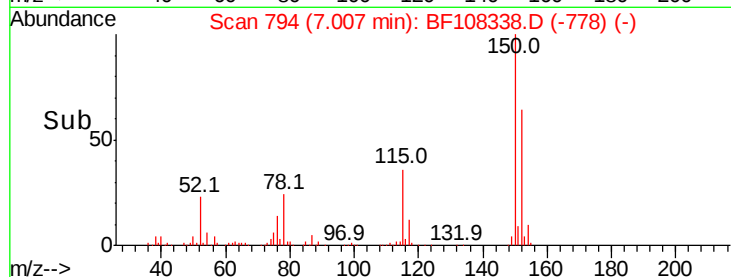
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF108338.D
Acq: 21 Aug 2018 14:50

Instrument :
BNA_F
ClientSampleId :
72-11979

Tot Ion:152 Resp: 168090
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 56.4 50.1 75.1



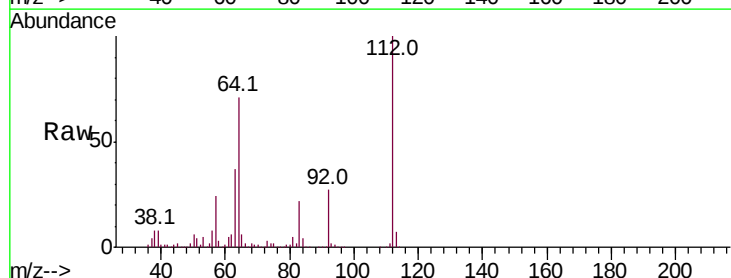
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



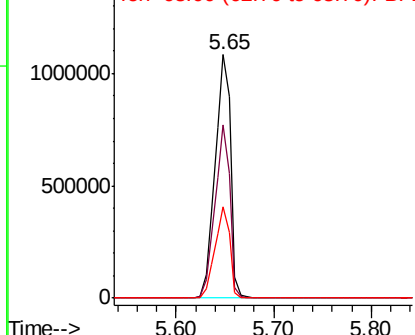
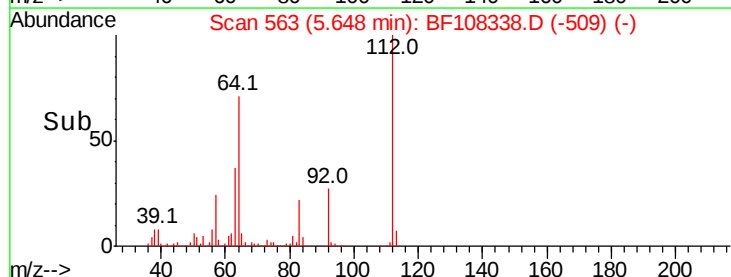
#5

2-Fluorophenol
Concen: 128.573 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108338.D
Acq: 21 Aug 2018 14:50

Tgt Ion:112 Resp: 1193727
Ion Ratio Lower Upper
112 100
64 71.0 47.9 71.9
63 37.5 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: 114.700 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108338.D

Acq: 21 Aug 2018 14:50

Instrument :

BNA_F

ClientSampleId :

72-11979

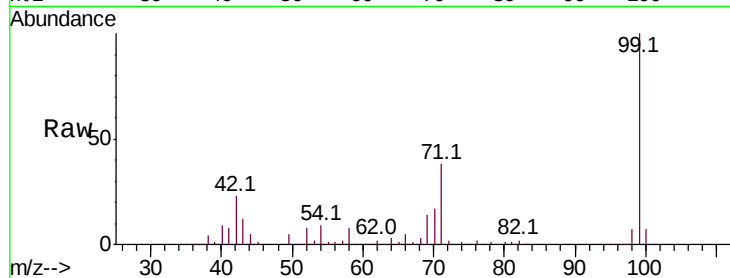
Tot Ion: 99 Resp: 1415134

Ion Ratio Lower Upper

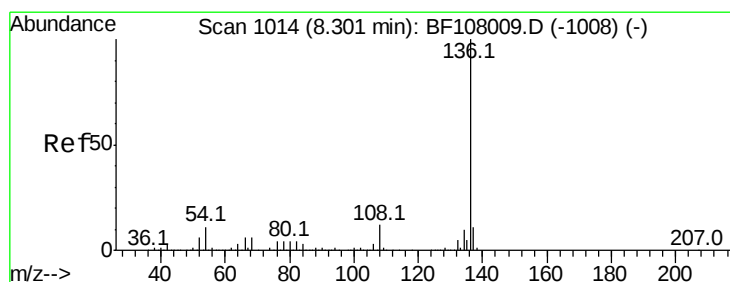
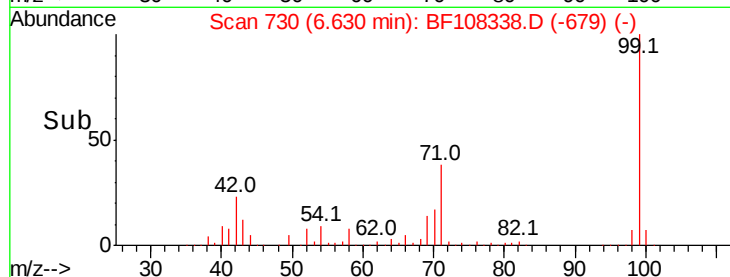
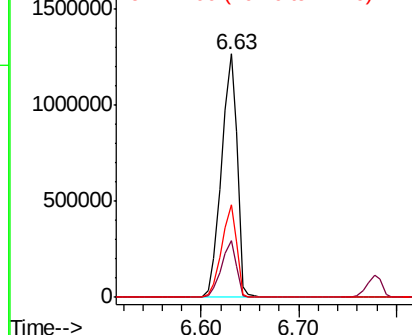
99 100

42 23.1 14.5 21.7#

71 38.1 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: 8.29 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF108338.D

Acq: 21 Aug 2018 14:50

Tgt Ion:136 Resp: 643379

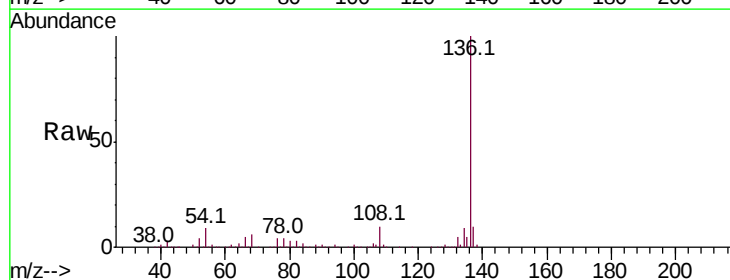
Ion Ratio Lower Upper

136 100

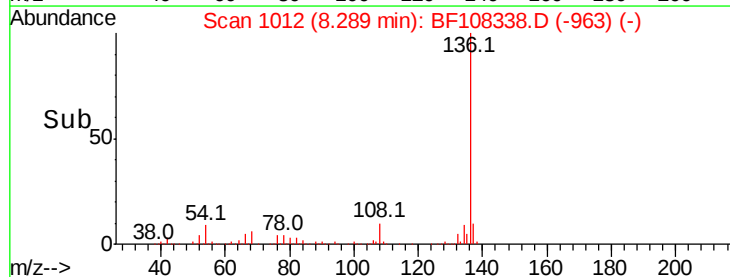
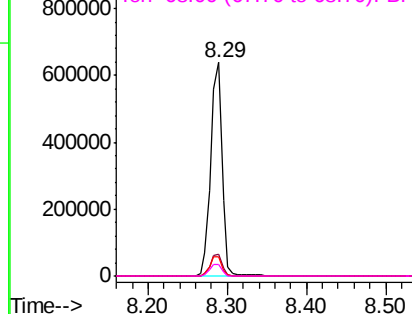
137 10.5 8.9 13.3

54 9.1 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

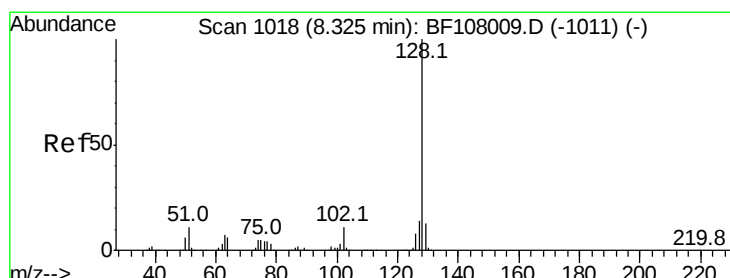
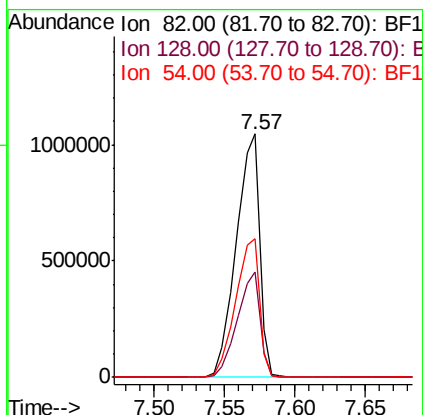
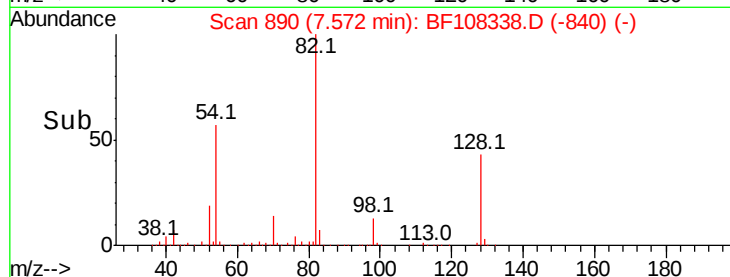
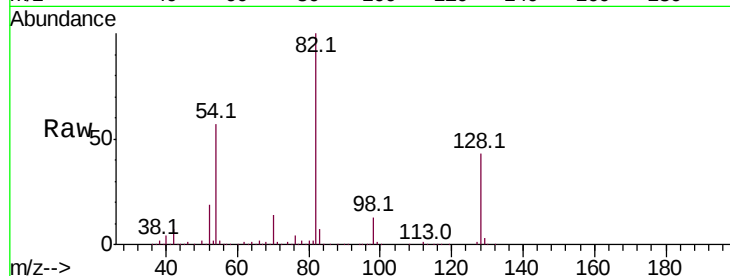




#23
Nitrobenzene-d5
Concen: 105.161 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF108338.D
Acq: 21 Aug 2018 14:50

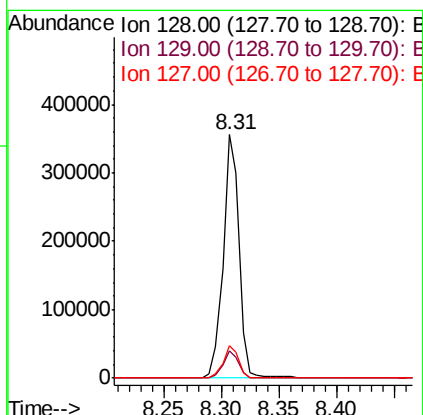
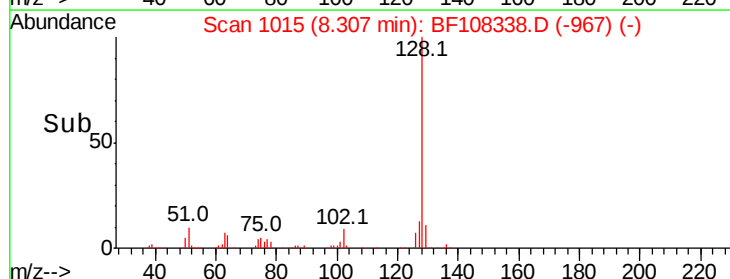
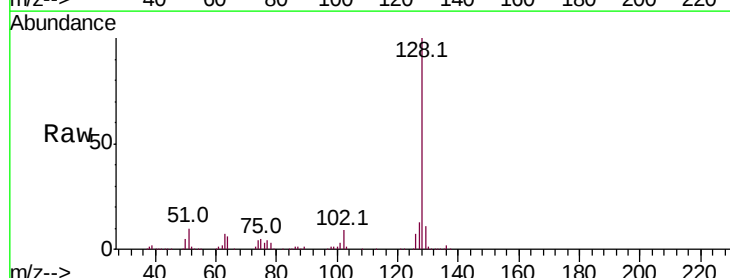
Instrument :
BNA_F
ClientSampled :
72-11979

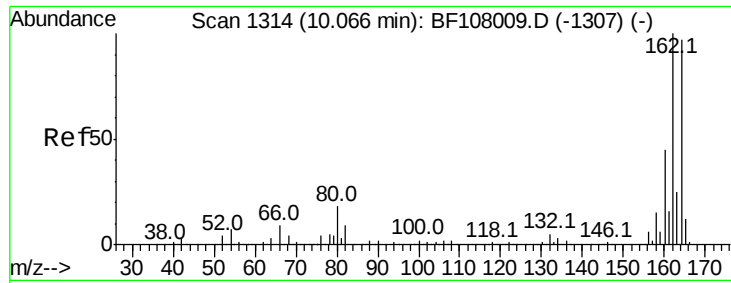
Tot Ion: 82 Resp: 1212483
Ion Ratio Lower Upper
82 100
128 43.4 36.1 54.1
54 56.8 41.4 62.2



#31
Naphthalene
Concen: 11.572 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BF108338.D
Acq: 21 Aug 2018 14:50

Tgt Ion:128 Resp: 338593
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.3 10.9 16.3

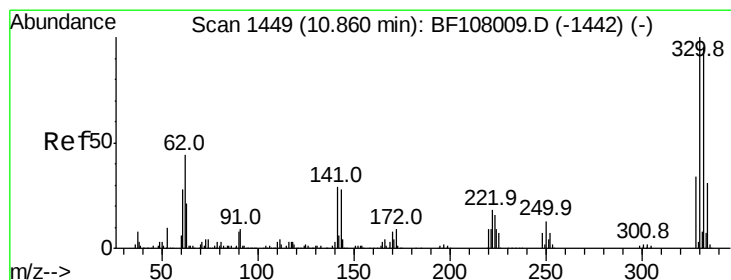
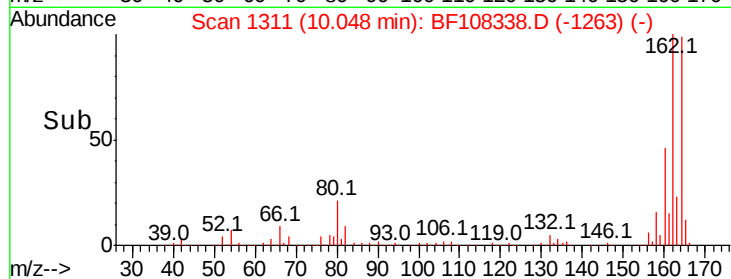
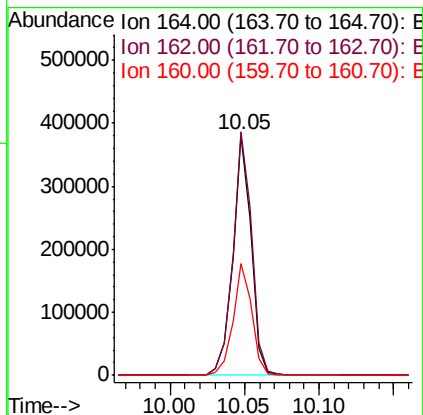
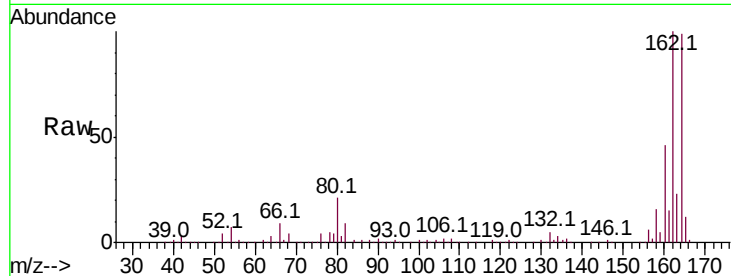




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF108338.D
Acq: 21 Aug 2018 14:50

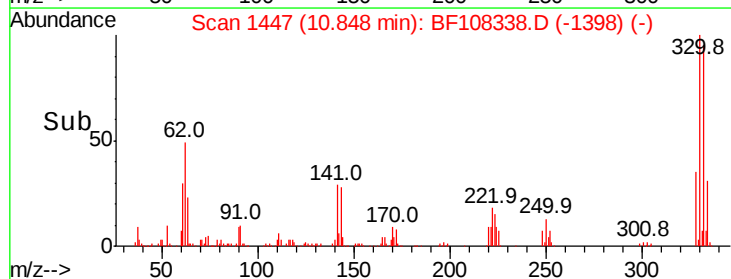
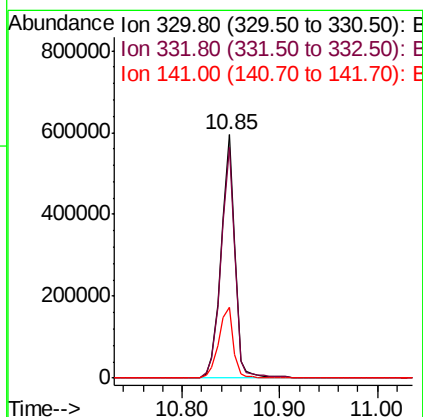
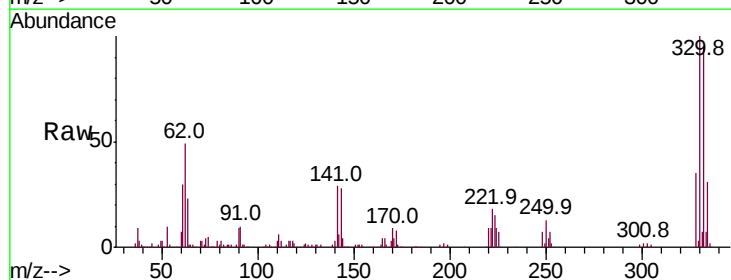
Instrument :
BNA_F
ClientSampleId :
72-11979

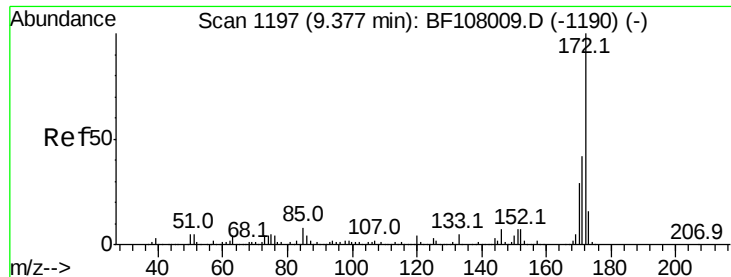
Tot Ion:164 Resp: 329902
Ion Ratio Lower Upper
164 100
162 101.3 86.1 129.1
160 46.3 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 178.640 ng
RT: 10.85 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF108338.D
Acq: 21 Aug 2018 14:50

Tgt Ion:330 Resp: 587849
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 31.4 29.9 44.9



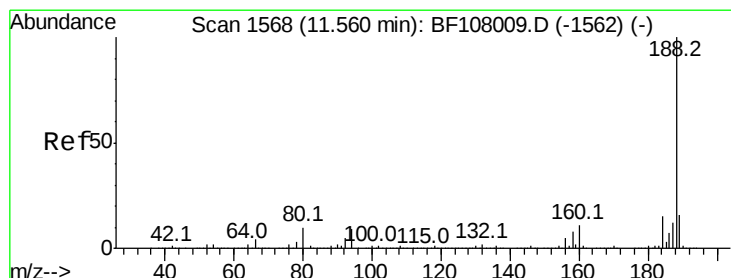
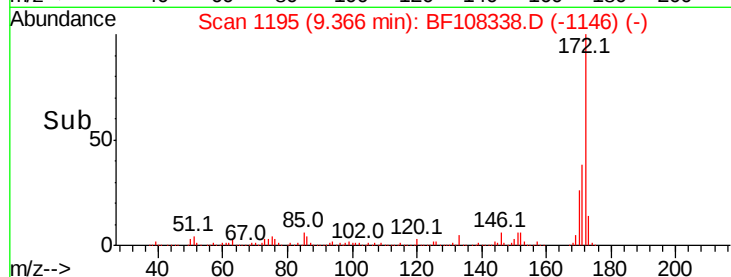
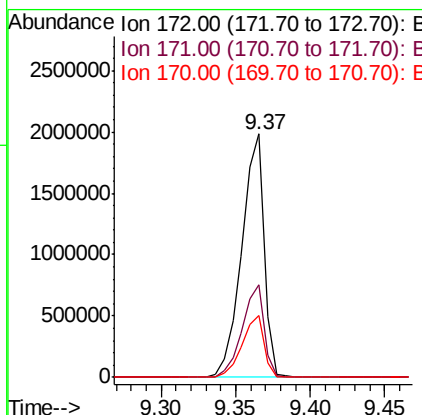
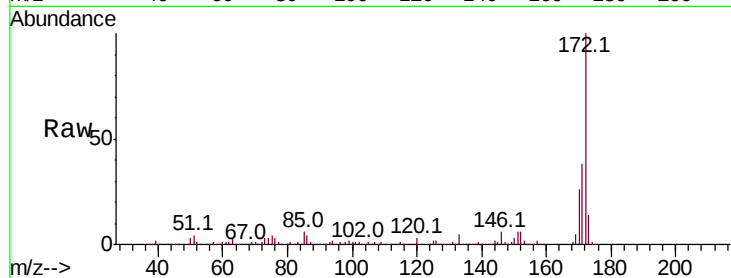


#44
 2-Fluorobiphenyl
 Concen: 101.247 ng
 RT: 9.37 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF108338.D
 Acq: 21 Aug 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :
 72-11979

Tot Ion:172 Resp: 2080479

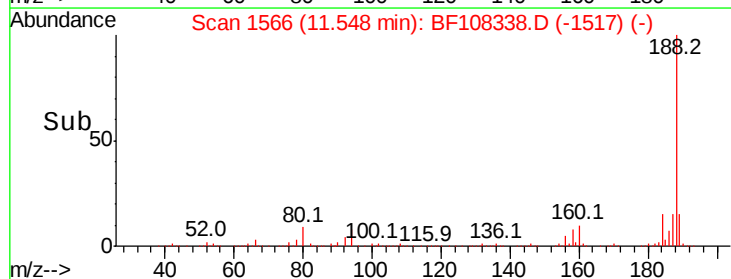
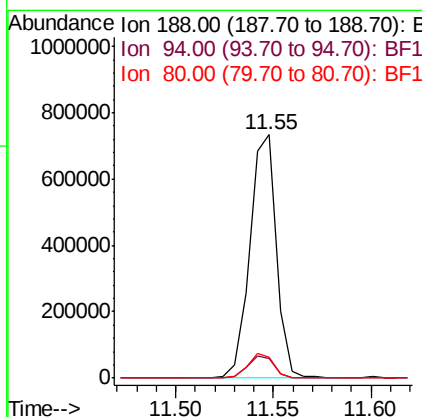
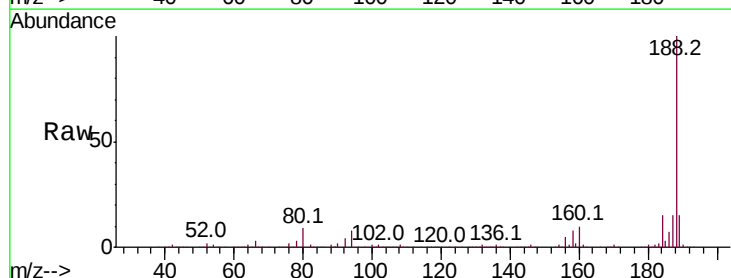
Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.7	44.5
170	25.6	19.6	29.4

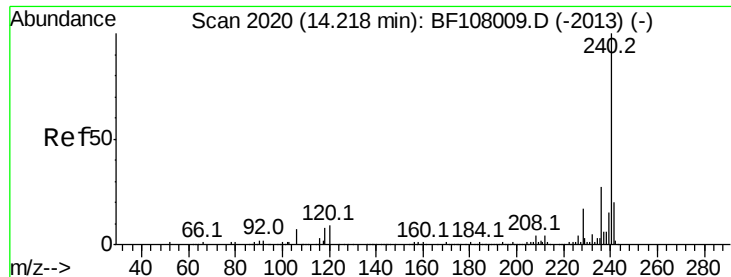


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.55 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF108338.D
 Acq: 21 Aug 2018 14:50

Tgt Ion:188 Resp: 690334

Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.5	12.7#
80	8.8	9.2	13.8#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.20 min Scan# 2017

Delta R.T. -0.02 min

Lab File: BF108338.D

Acq: 21 Aug 2018 14:50

Instrument :

BNA_F

ClientSampleId :

72-11979

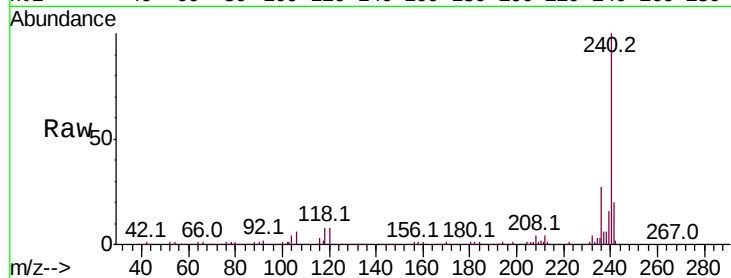
Tot Ion:240 Resp: 535286

Ion Ratio Lower Upper

240 100

120 8.5 9.5 14.3#

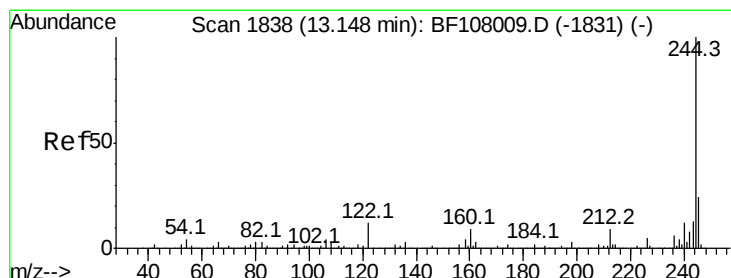
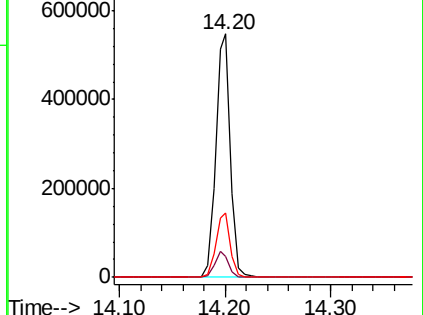
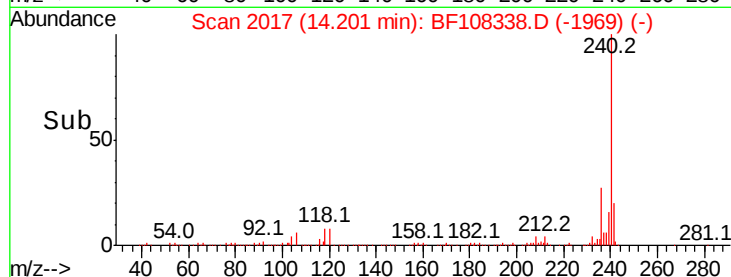
236 26.6 20.7 31.1



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



#78

Terphenyl-d14

Concen: 125.705 ng

RT: 13.14 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF108338.D

Acq: 21 Aug 2018 14:50

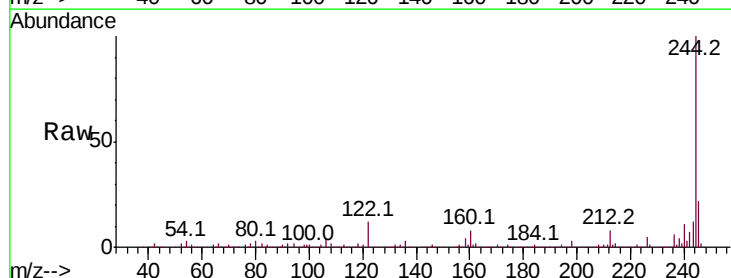
Tgt Ion:244 Resp: 2646469

Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.0

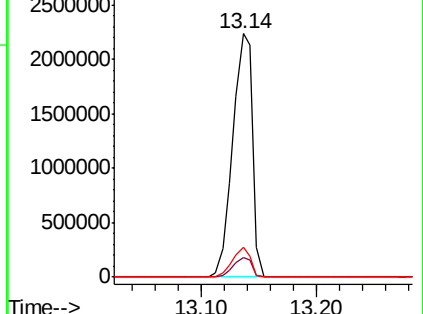
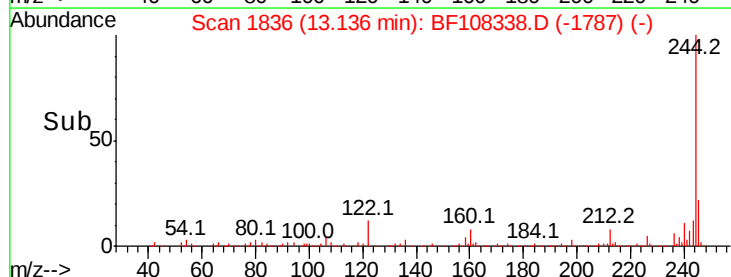
122 12.1 11.0 16.4

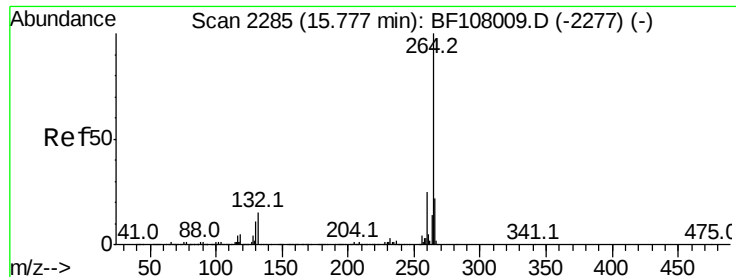


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2281
 Delta R.T. -0.02 min
 Lab File: BF108338.D
 Acq: 21 Aug 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :
 72-11979

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.4	17.5	26.3

