

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111218.D
 Acq On : 8 Dec 2018 6:07
 Operator : JU/SJ
 Sample : PB115436TB
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115436TB

Quant Time: Dec 10 01:44:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	391752	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1629410	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	611547	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1158756	20.00	ng	0.00
76) Chrysene-d12	13.96	240	792447	20.00	ng	0.00
87) Perylene-d12	15.39	264	596987	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2580033	102.77	ng	0.00
7) Phenol-d6	6.43	99	3078673	95.20	ng	0.00
23) Nitrobenzene-d5	7.36	82	1862187	67.66	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	482784	99.32	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2959453	90.51	ng	0.00
79) Terphenyl-d14	12.91	244	2113593	54.62	ng	0.00

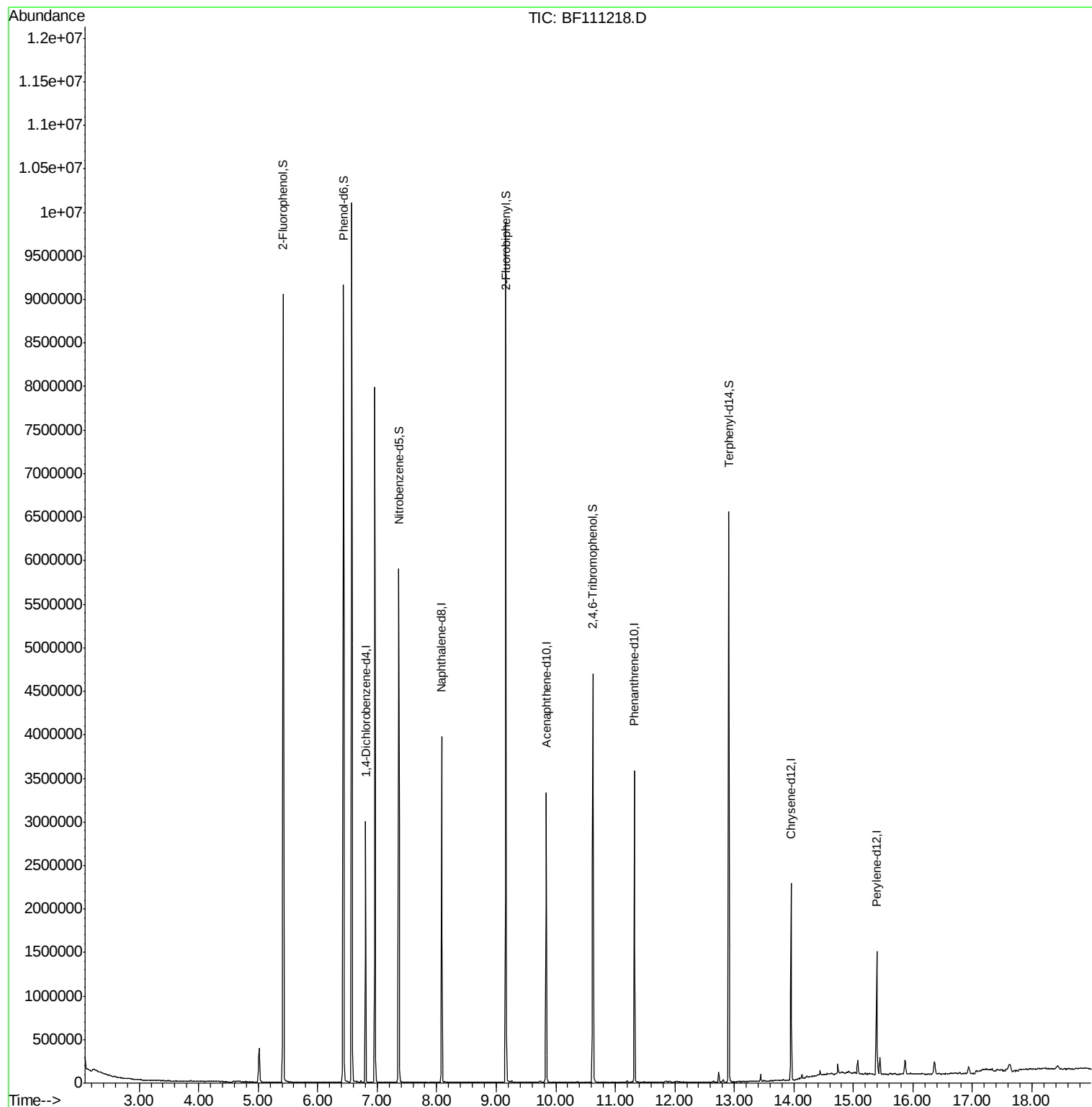
Target Compounds Qvalue

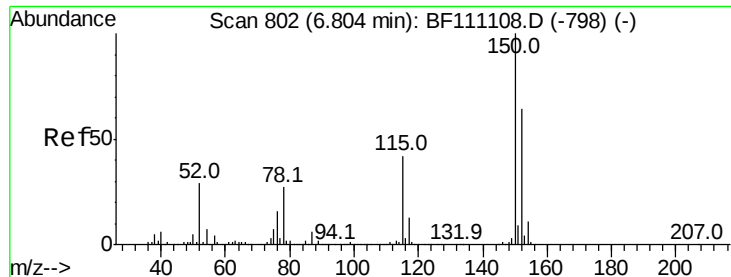
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
Data File : BF111218.D
Acq On : 8 Dec 2018 6:07
Operator : JU/SJ
Sample : PB115436TB
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB115436TB

Quant Time: Dec 10 01:44:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 17:30:55 2018
Response via : Initial Calibration



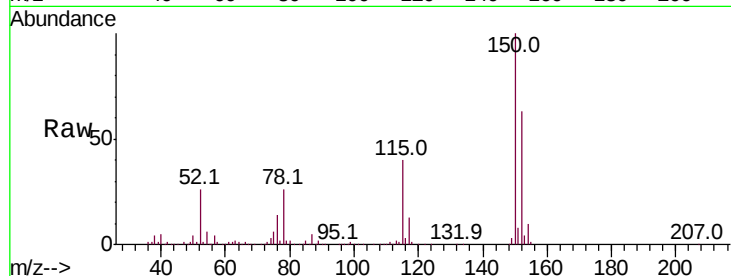


#1

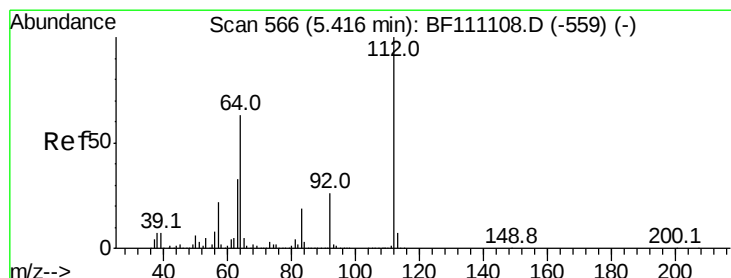
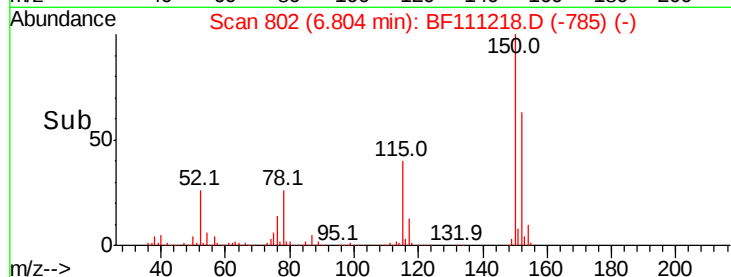
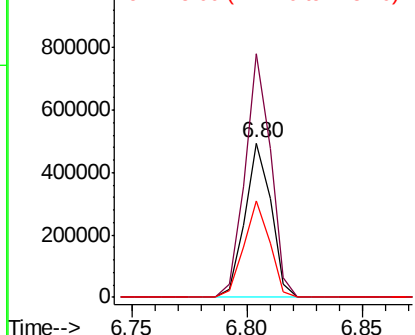
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF111218.D
Acq: 8 Dec 2018 6:07

Instrument :
BNA_F
ClientSampleId :
PB115436TB

Tot Ion:152 Resp: 391752
Ion Ratio Lower Upper
152 100
150 158.0 124.6 187.0
115 63.0 52.2 78.2



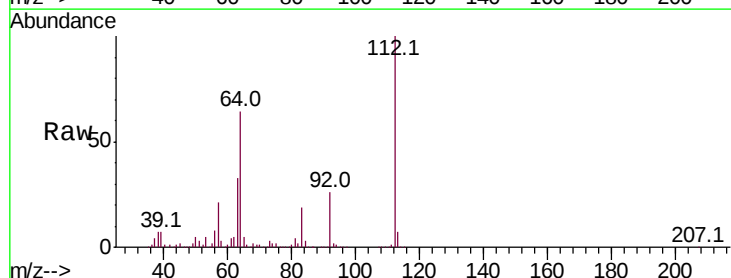
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



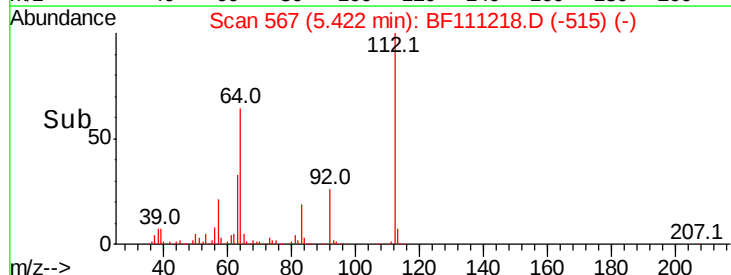
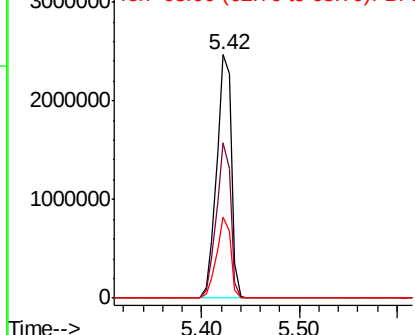
#5

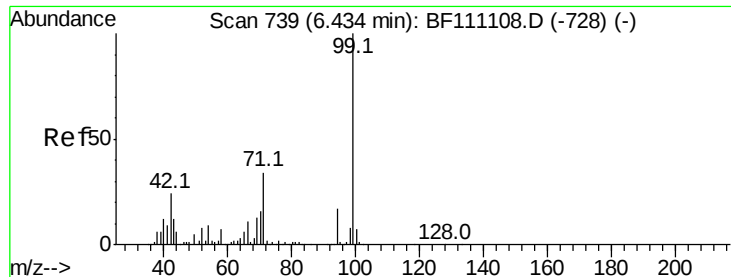
2-Fluorophenol
Concen: 102.770 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111218.D
Acq: 8 Dec 2018 6:07

Tgt Ion:112 Resp: 2580033
Ion Ratio Lower Upper
112 100
64 63.6 50.2 75.4
63 33.2 26.6 39.8



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: 95.198 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF111218.D

Acq: 8 Dec 2018 6:07

Instrument :

BNA_F

ClientSampleId :

PB115436TB

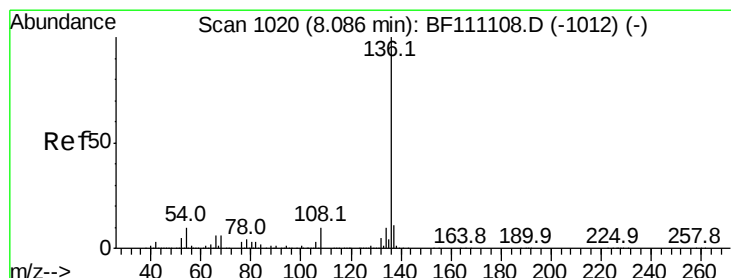
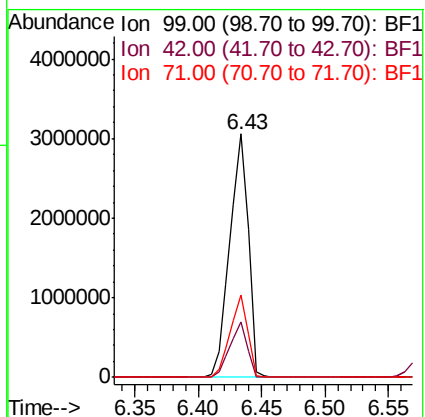
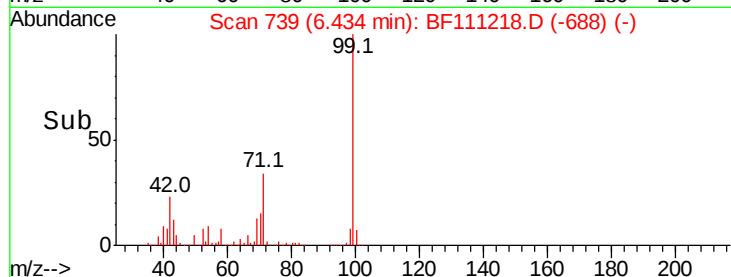
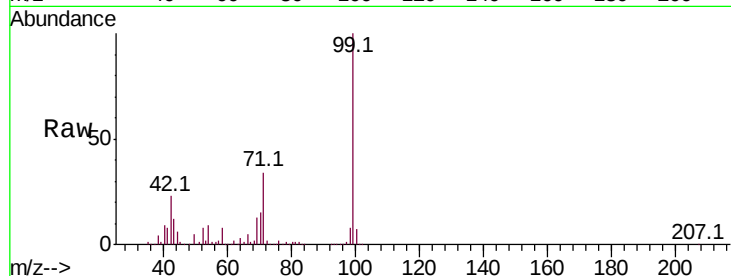
Tot Ion: 99 Resp: 3078673

Ion Ratio Lower Upper

99 100

42 22.5 19.3 28.9

71 33.8 27.4 41.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF111218.D

Acq: 8 Dec 2018 6:07

Tgt Ion: 136 Resp: 1629410

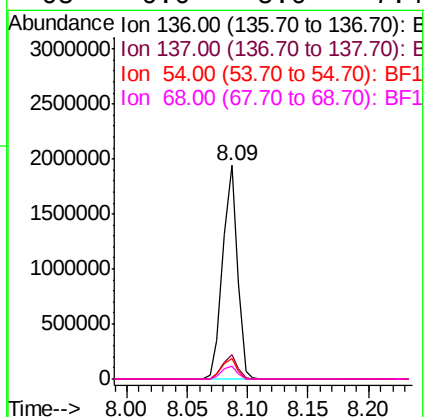
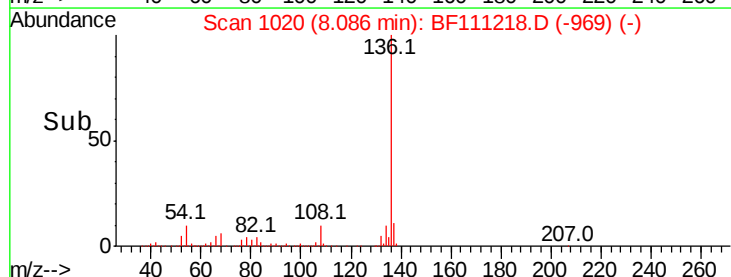
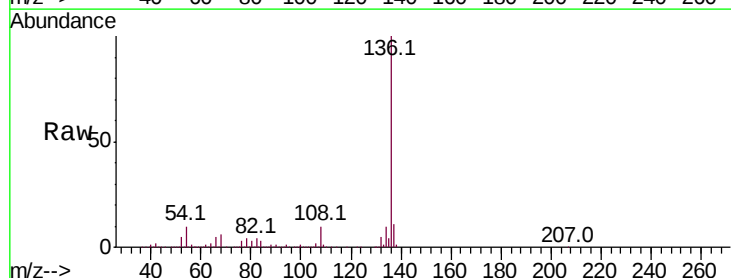
Ion Ratio Lower Upper

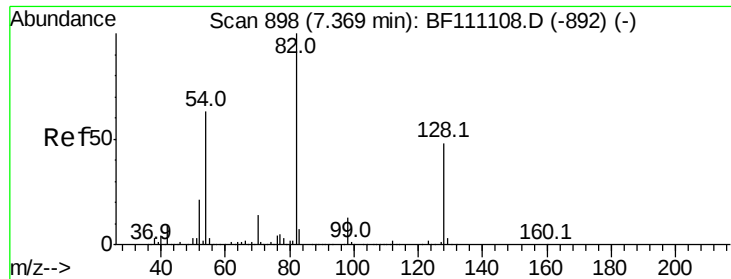
136 100

137 11.4 9.0 13.6

54 9.6 8.4 12.6

68 6.0 5.0 7.4

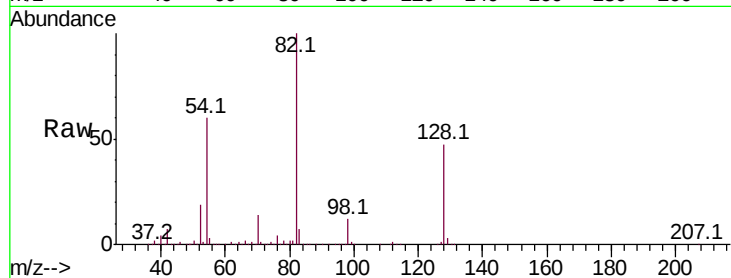




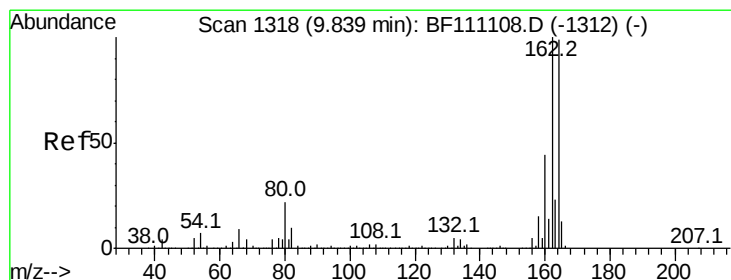
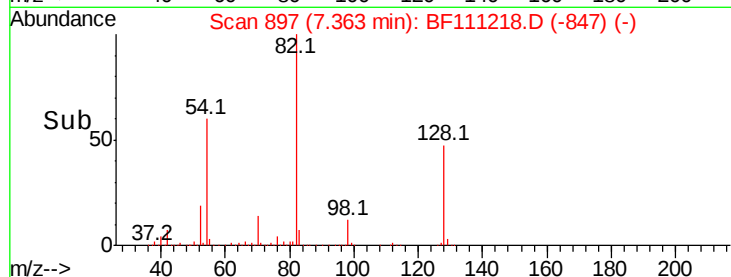
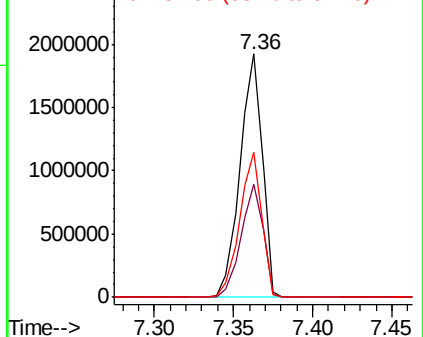
#23
Nitrobenzene-d5
Concen: 67.661 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111218.D
Acq: 8 Dec 2018 6:07

Instrument :
BNA_F
ClientSampleID :
PB115436TB

Tot Ion: 82 Resp: 1862187
Ion Ratio Lower Upper
82 100
128 46.5 38.1 57.1
54 59.6 50.3 75.5

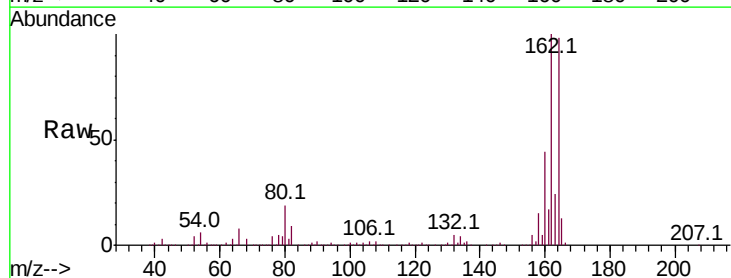


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

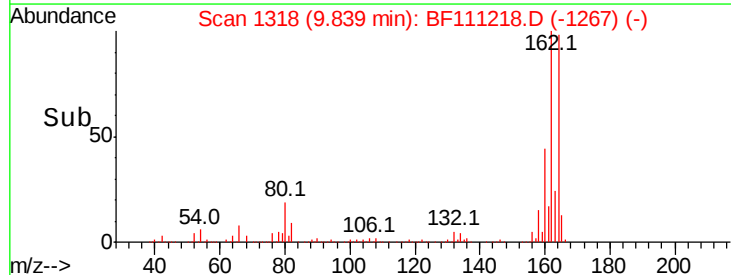
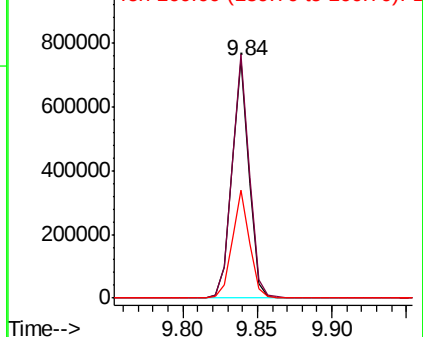


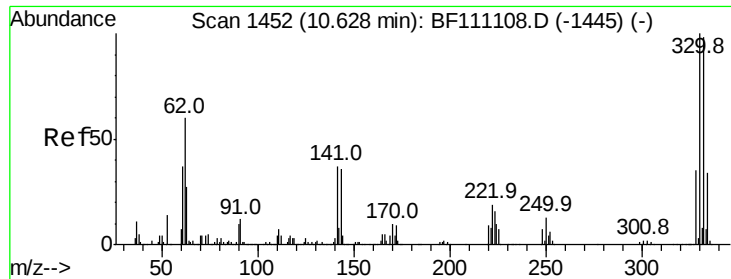
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF111218.D
Acq: 8 Dec 2018 6:07

Tgt Ion:164 Resp: 611547
Ion Ratio Lower Upper
164 100
162 102.3 80.6 120.8
160 45.1 35.5 53.3



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

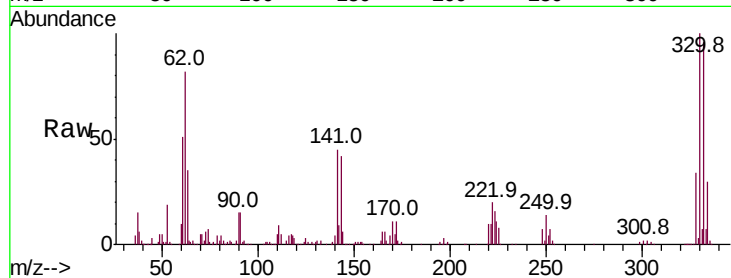




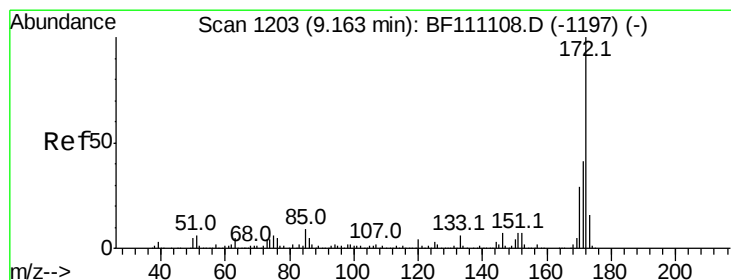
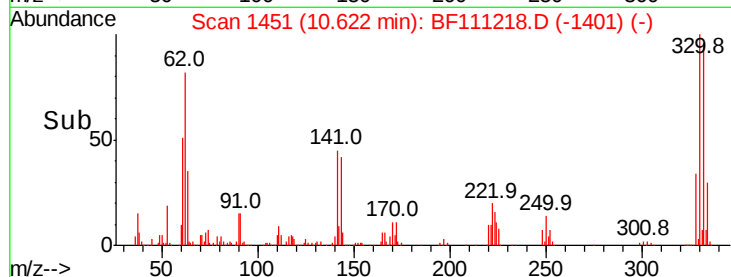
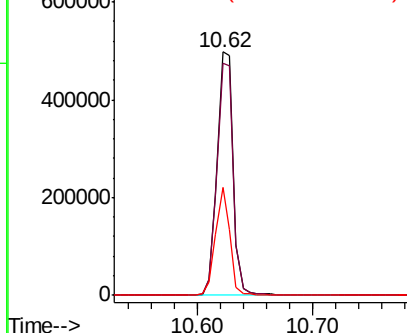
#42
 2,4,6-Tribromophenol
 Concen: 99.316 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF111218.D
 Acq: 8 Dec 2018 6:07

Instrument :
 BNA_F
 ClientSampleId :
 PB115436TB

Tot Ion:330 Resp: 482784
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.2 115.8
 141 39.4 36.1 54.1

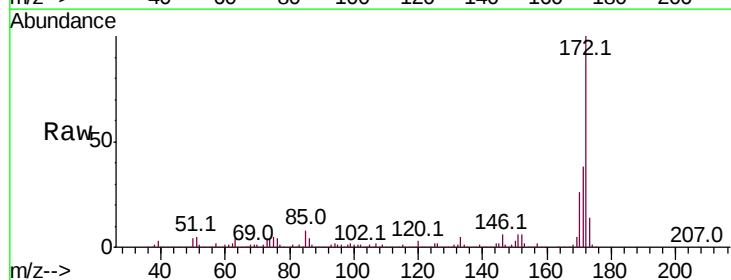


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

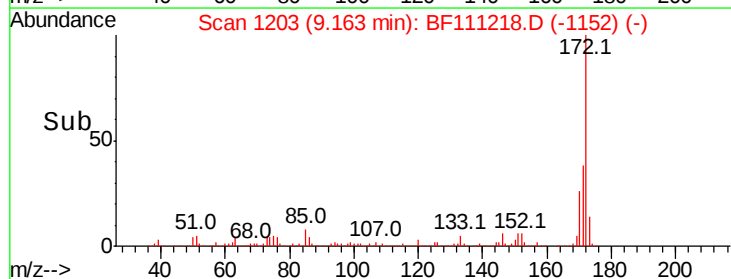
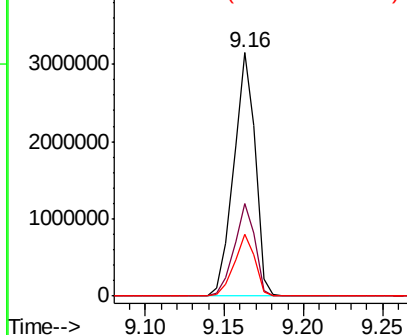


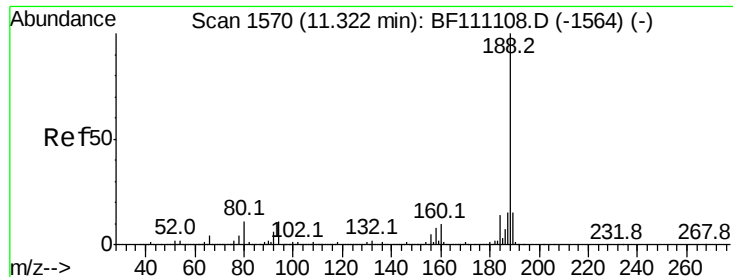
#45
 2-Fluorobiphenyl
 Concen: 90.510 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF111218.D
 Acq: 8 Dec 2018 6:07

Tgt Ion:172 Resp: 2959453
 Ion Ratio Lower Upper
 172 100
 171 38.2 33.2 49.8
 170 25.6 22.9 34.3



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

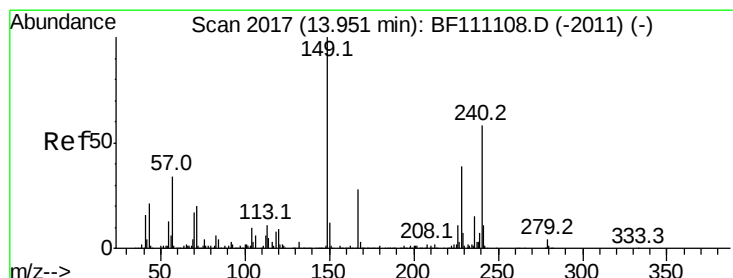
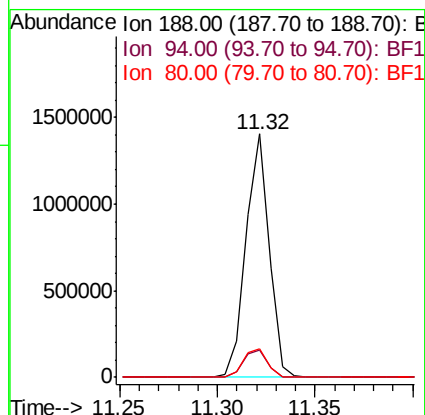
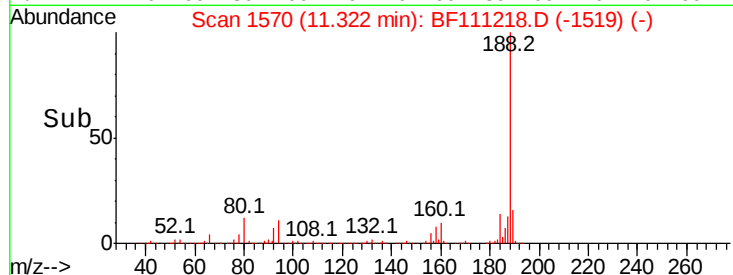
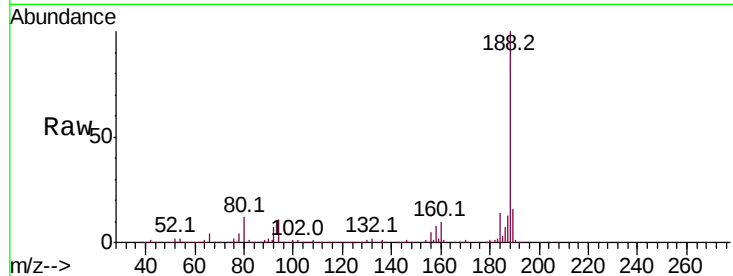




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF111218.D
Acq: 8 Dec 2018 6:07

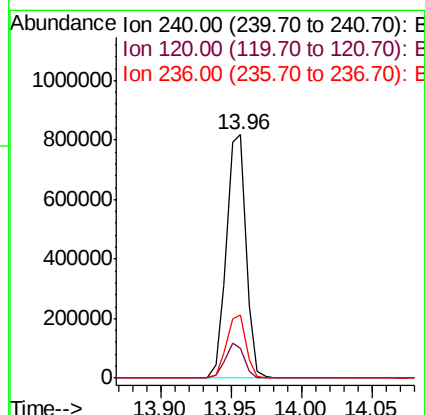
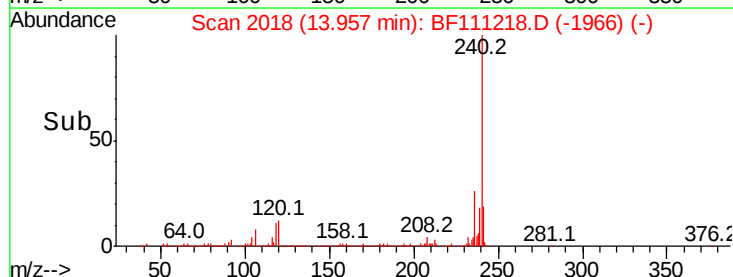
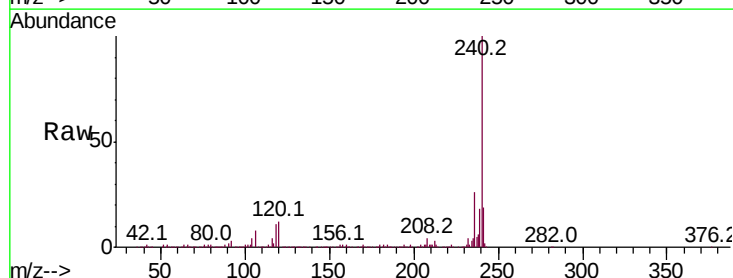
Instrument :
BNA_F
ClientSampleId :
PB115436TB

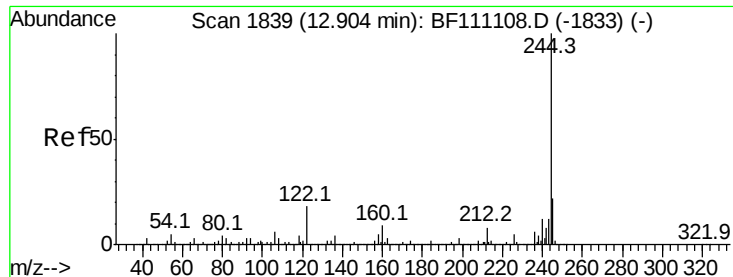
Tot Ion:188 Resp: 1158756
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.5 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111218.D
Acq: 8 Dec 2018 6:07

Tgt Ion:240 Resp: 792447
Ion Ratio Lower Upper
240 100
120 12.3 12.8 19.2#
236 25.7 21.1 31.7





#79

Terphenyl-d14

Concen: 54.623 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF111218.D

Acq: 8 Dec 2018 6:07

Instrument :

BNA_F

ClientSampleId :

PB115436TB

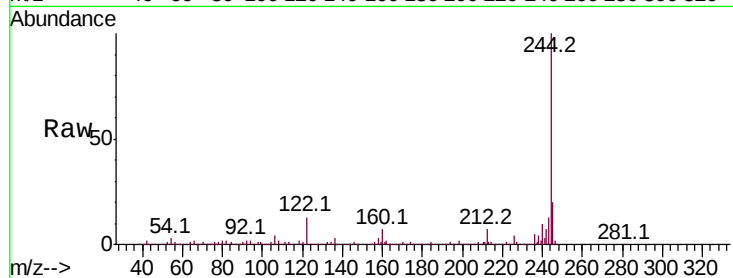
Tot Ion:244 Resp: 2113593

Ion Ratio Lower Upper

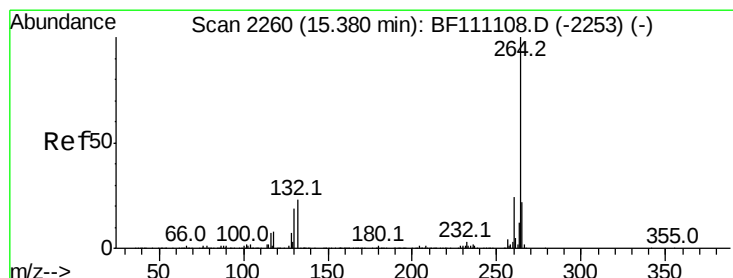
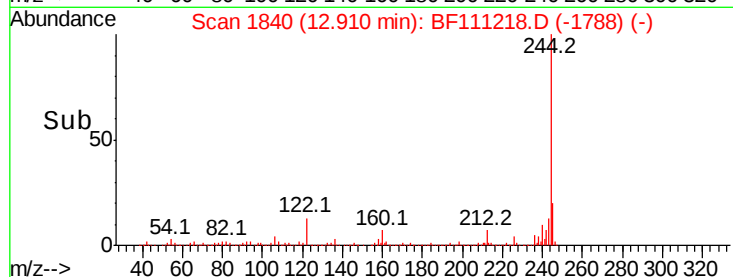
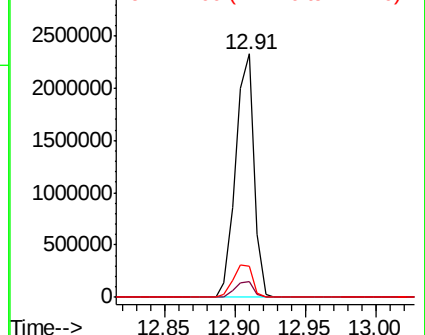
244 100

212 6.7 6.6 9.8

122 12.9 14.2 21.2#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111218.D

Acq: 8 Dec 2018 6:07

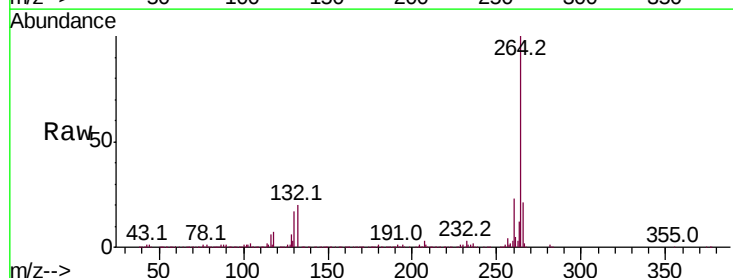
Tgt Ion:264 Resp: 596987

Ion Ratio Lower Upper

264 100

260 22.5 19.4 29.0

265 21.0 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

