

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111185.D
 Acq On : 7 Dec 2018 14:26
 Operator : JU/SJ
 Sample : PB115267BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115267BL

Quant Time: Dec 07 15:00:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 07 12:19:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	465607	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1876577	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	897196	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1560924	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1118812	20.00	ng	0.00
87) Perylene-d12	15.39	264	792121	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	3409251	114.26	ng	0.02
7) Phenol-d6	6.44	99	4343745	113.01	ng	0.00
23) Nitrobenzene-d5	7.37	82	2850403	89.93	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	922613	129.37	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	4603552	97.01	ng	0.00
79) Terphenyl-d14	12.92	244	4071992	74.54	ng	0.01

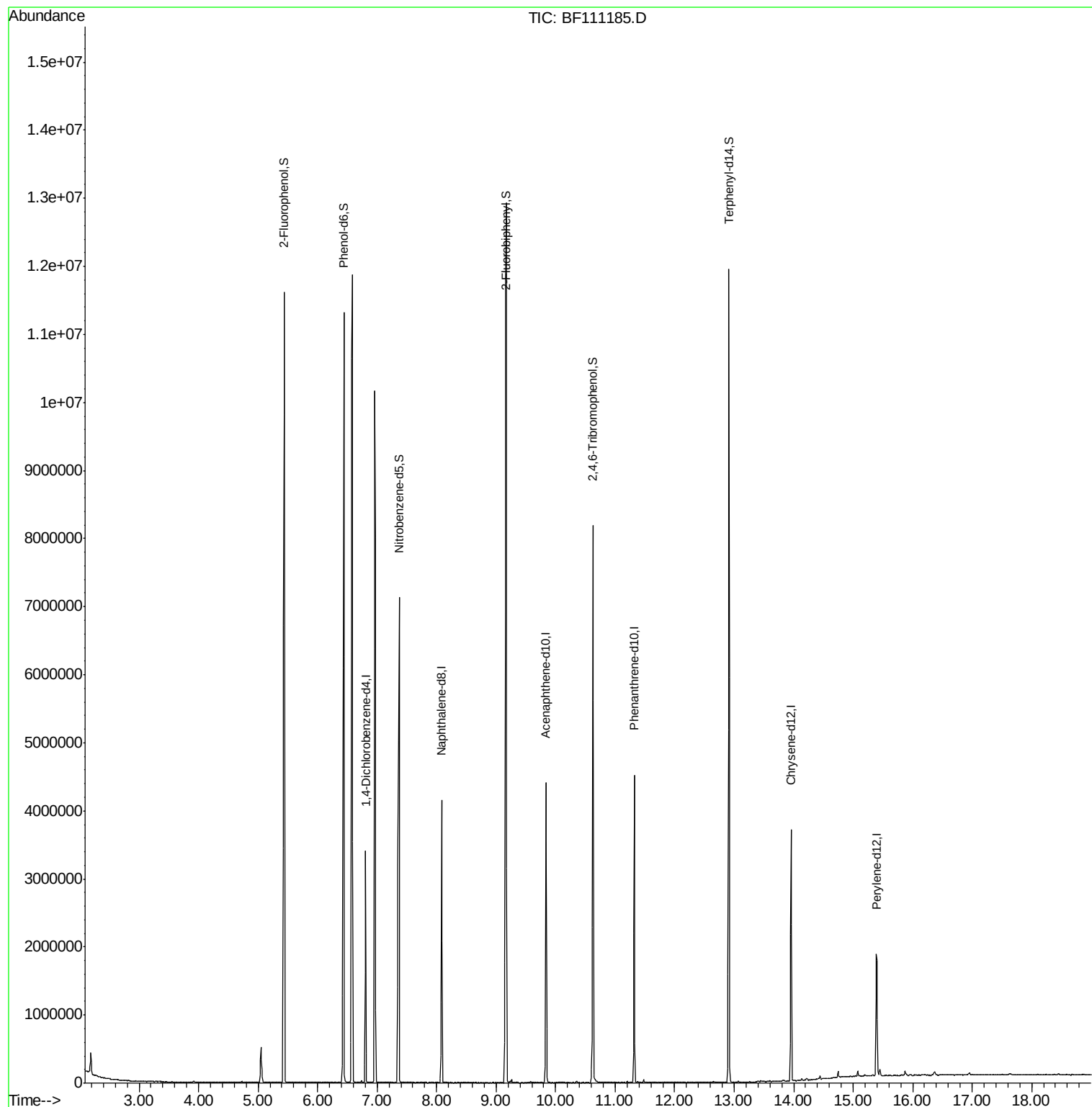
Target Compounds Qvalue

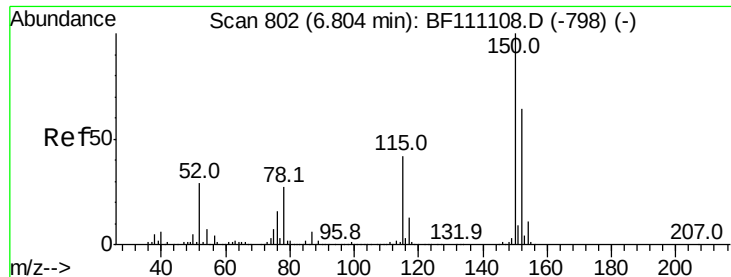
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
Data File : BF111185.D
Acq On : 7 Dec 2018 14:26
Operator : JU/SJ
Sample : PB115267BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB115267BL

Quant Time: Dec 07 15:00:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 07 12:19:19 2018
Response via : Initial Calibration



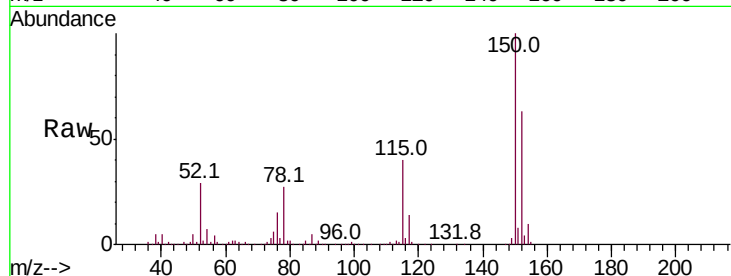


#1

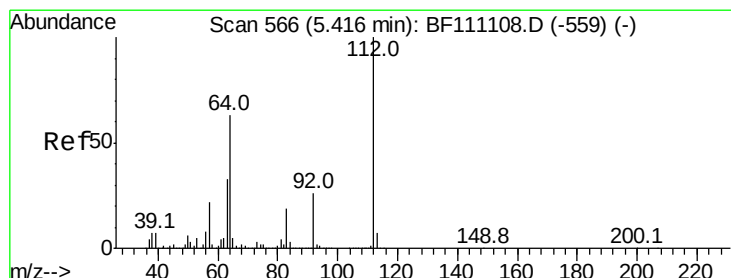
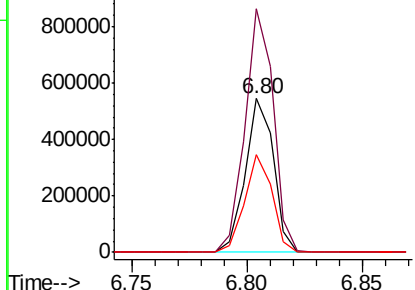
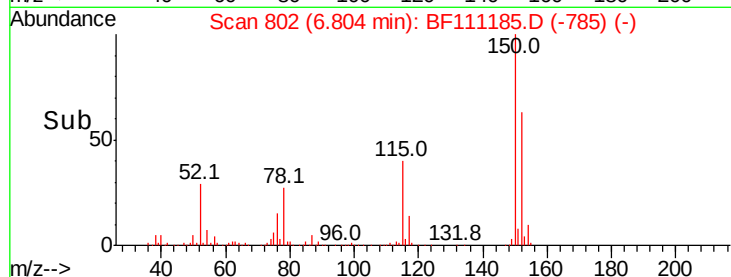
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111185.D
Acq: 7 Dec 2018 14:26

Instrument :
BNA_F
ClientSampleId :
PB115267BL

Tot Ion:152 Resp: 465607
Ion Ratio Lower Upper
152 100
150 158.2 124.6 187.0
115 63.1 52.2 78.2



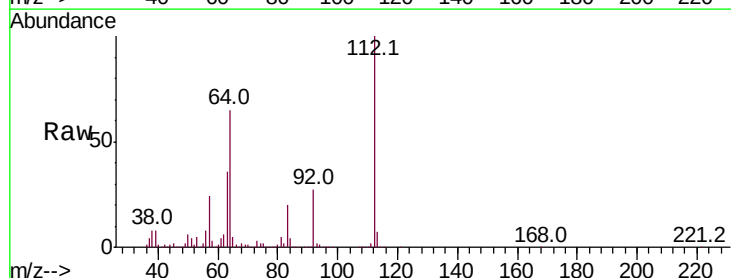
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



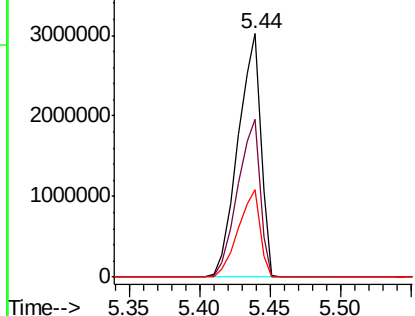
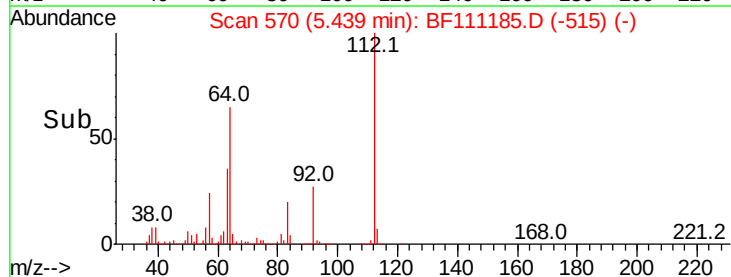
#5

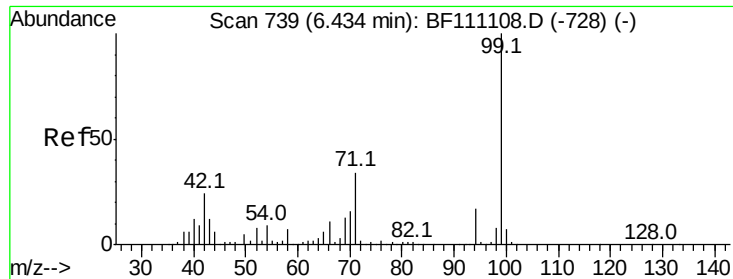
2-Fluorophenol
Concen: 114.259 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF111185.D
Acq: 7 Dec 2018 14:26

Tgt Ion:112 Resp: 3409251
Ion Ratio Lower Upper
112 100
64 65.0 50.2 75.4
63 36.0 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: 113.011 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111185.D

Acq: 7 Dec 2018 14:26

Instrument :

BNA_F

ClientSampleId :

PB115267BL

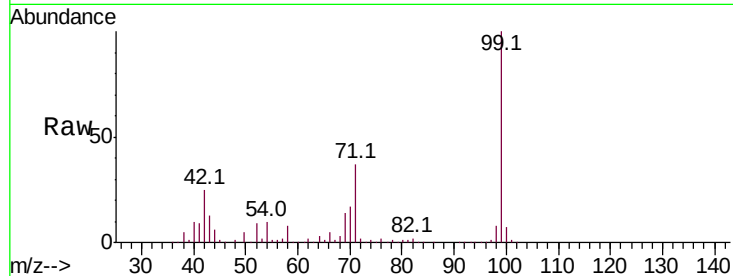
Tot Ion: 99 Resp: 4343745

Ion Ratio Lower Upper

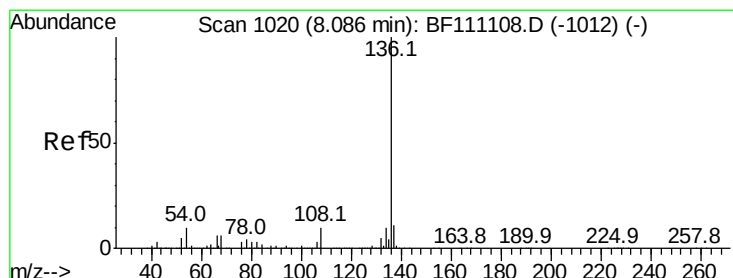
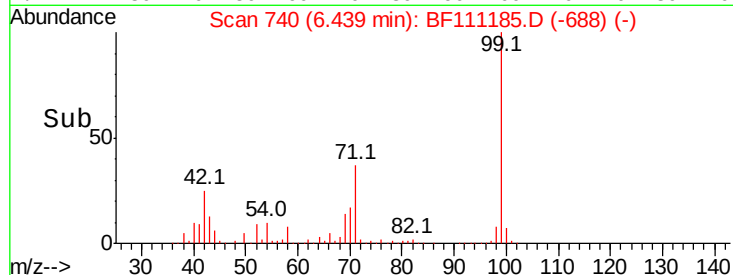
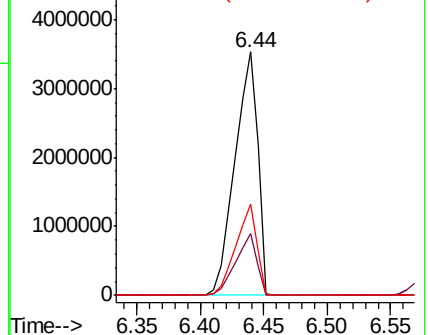
99 100

42 25.3 19.3 28.9

71 37.2 27.4 41.2



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: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF111185.D

Acq: 7 Dec 2018 14:26

Tgt Ion:136 Resp: 1876577

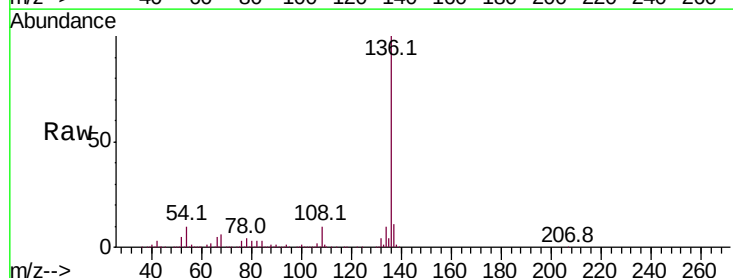
Ion Ratio Lower Upper

136 100

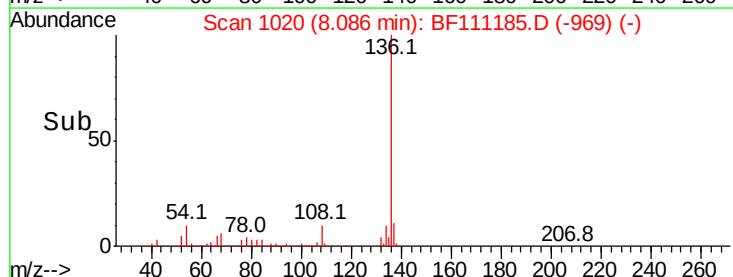
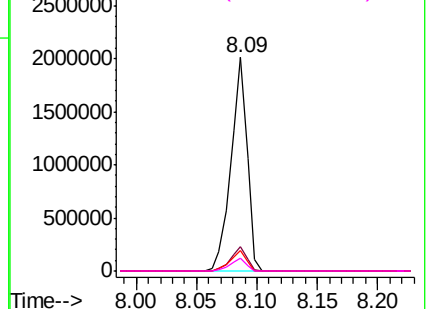
137 11.3 9.0 13.6

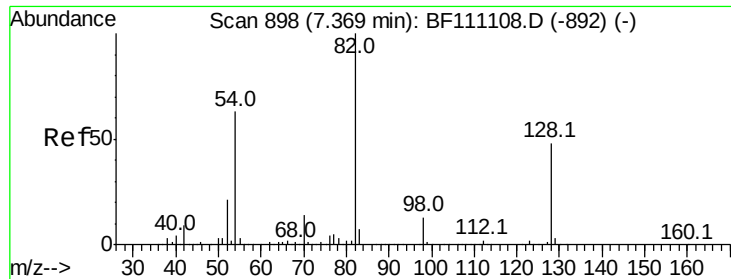
54 9.6 8.4 12.6

68 5.9 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

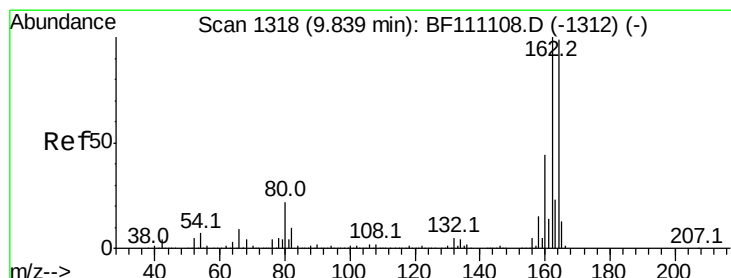
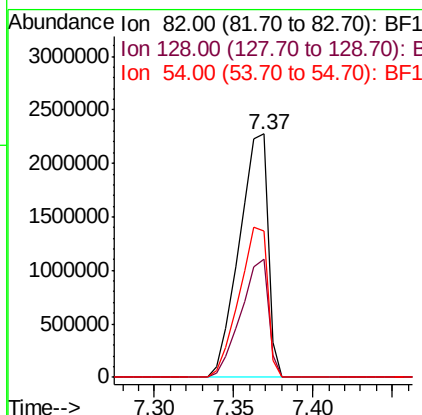
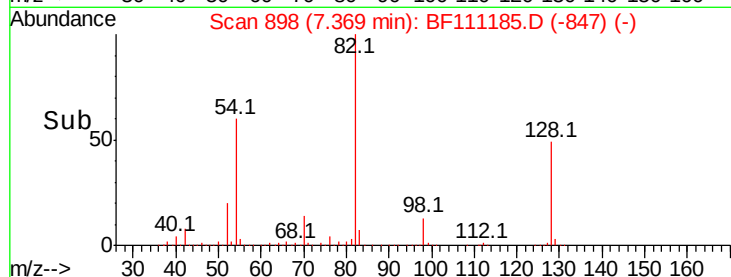
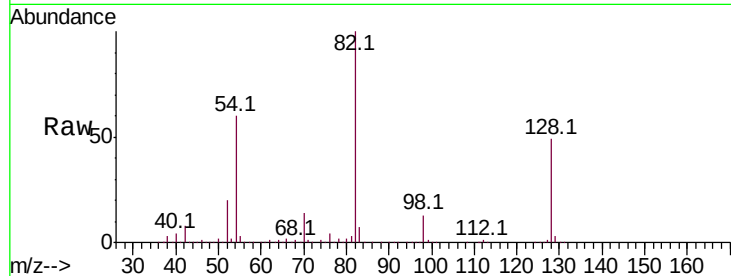




#23
 Nitrobenzene-d5
 Concen: 89.926 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BF111185.D
 Acq: 7 Dec 2018 14:26

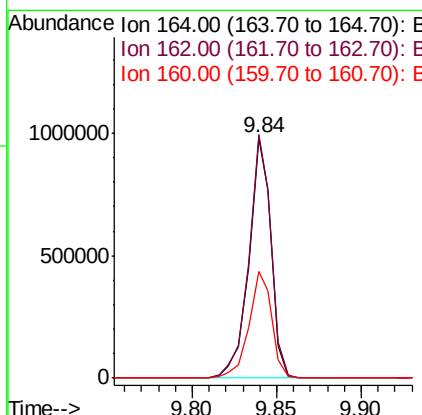
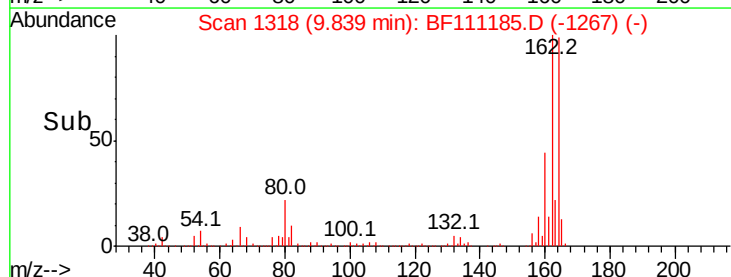
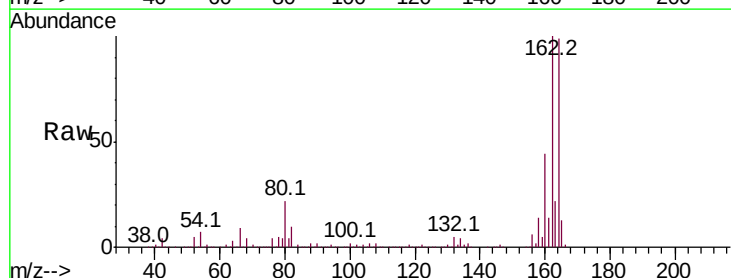
Instrument :
 BNA_F
 ClientSampleId :
 PB115267BL

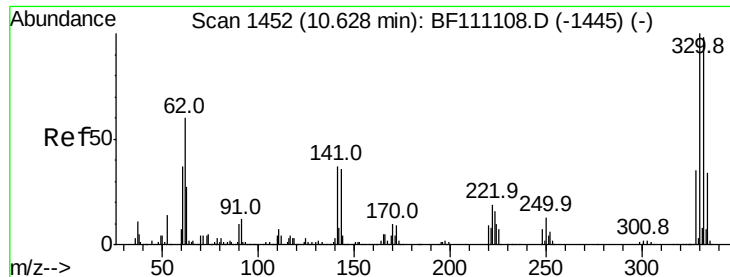
Tot Ion: 82 Resp: 2850403
 Ion Ratio Lower Upper
 82 100
 128 48.7 38.1 57.1
 54 60.1 50.3 75.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF111185.D
 Acq: 7 Dec 2018 14:26

Tgt Ion:164 Resp: 897196
 Ion Ratio Lower Upper
 164 100
 162 101.3 80.6 120.8
 160 44.3 35.5 53.3

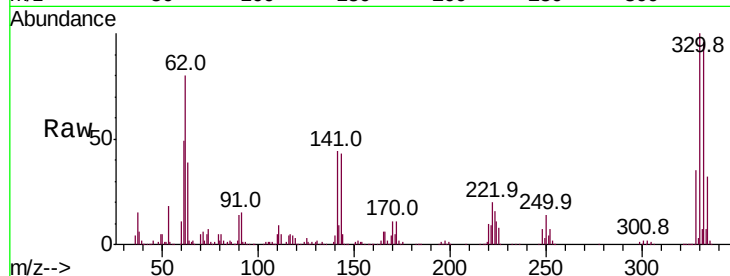




#42
 2,4,6-Tribromophenol
 Concen: 129.368 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF111185.D
 Acq: 7 Dec 2018 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB115267BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.2	115.8
141	40.6	36.1	54.1

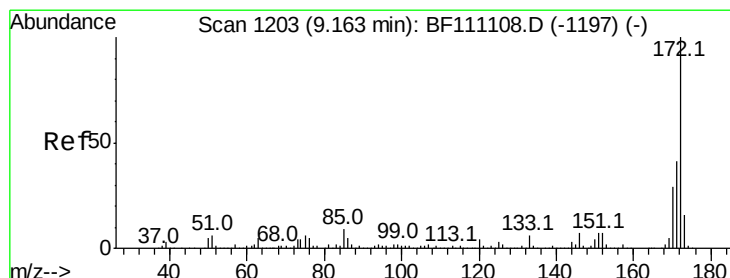
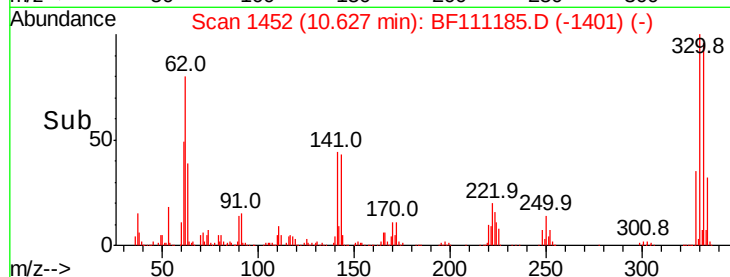
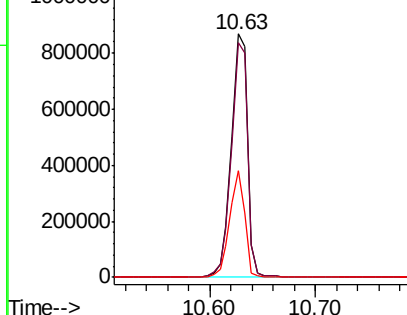


Abundance

Ion 329.80 (329.50 to 330.50): E

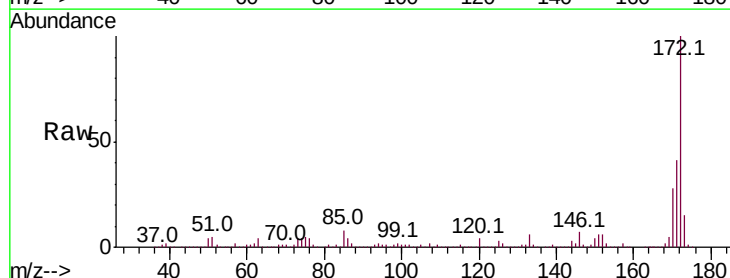
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 97.010 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF111185.D
 Acq: 7 Dec 2018 14:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.6	33.2	49.8
170	27.8	22.9	34.3

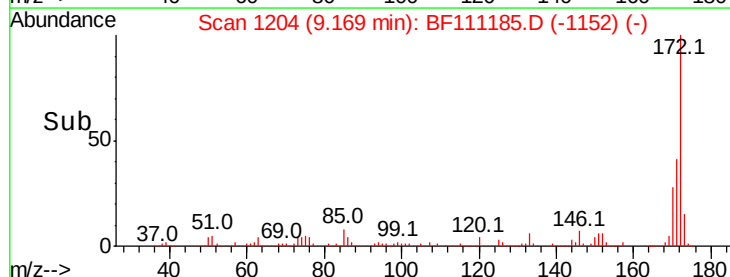
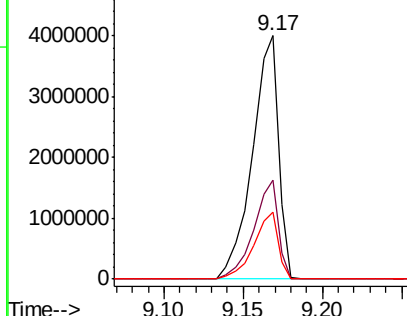


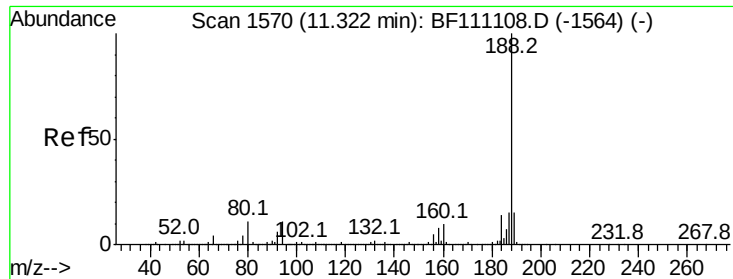
Abundance

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

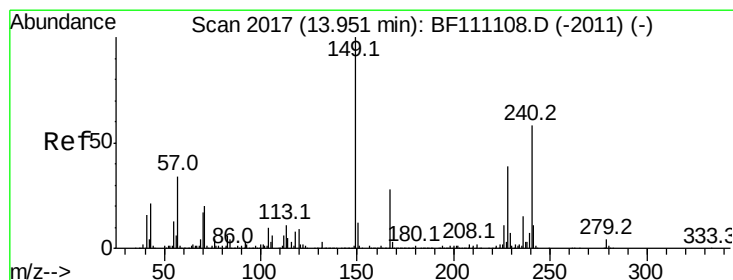
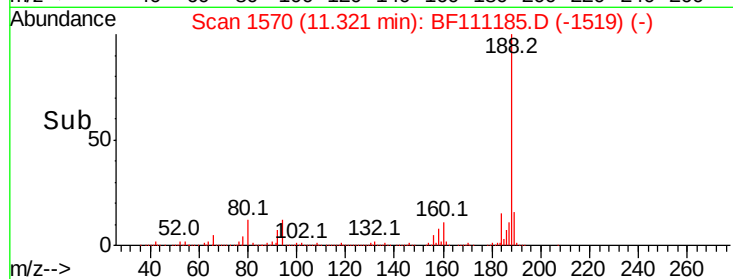
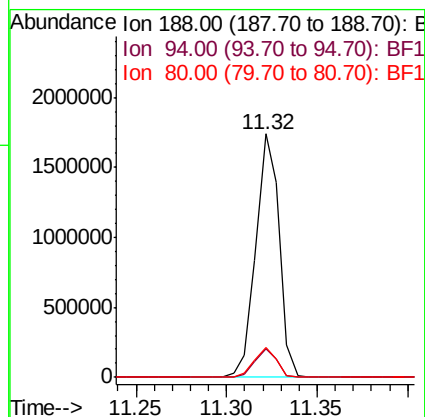
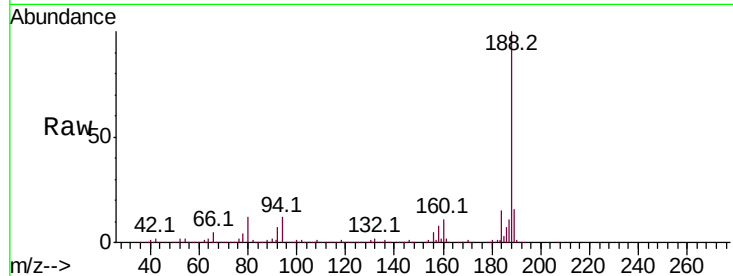




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111185.D
Acq: 7 Dec 2018 14:26

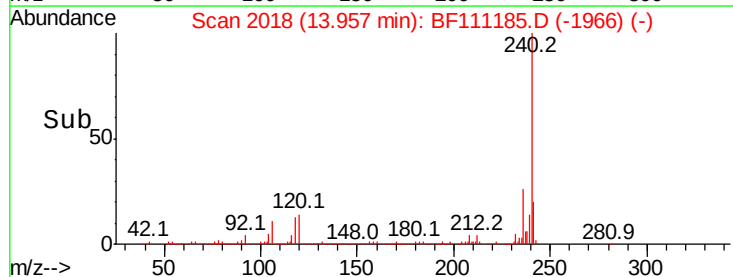
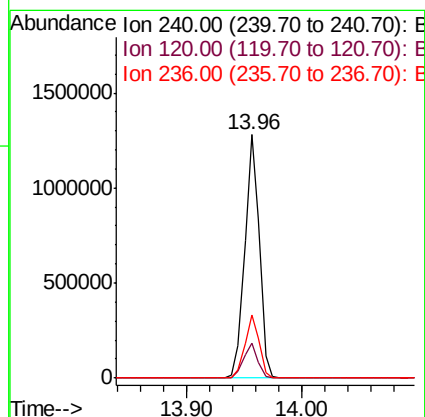
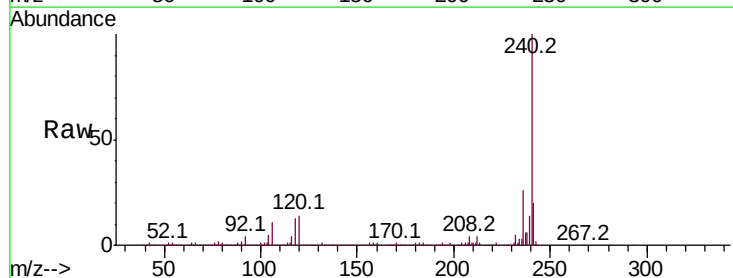
Instrument :
BNA_F
ClientSampleId :
PB115267BL

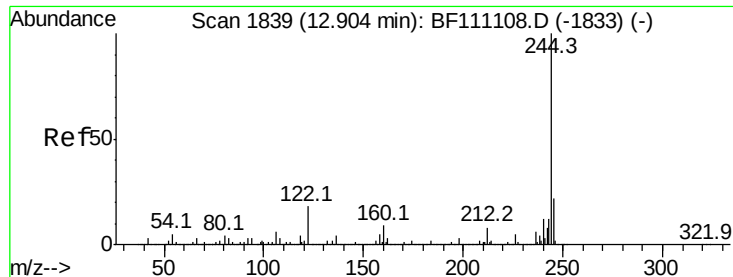
Tot Ion:188 Resp: 1560924
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 12.4 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111185.D
Acq: 7 Dec 2018 14:26

Tgt Ion:240 Resp: 1118812
Ion Ratio Lower Upper
240 100
120 14.4 12.8 19.2
236 26.1 21.1 31.7

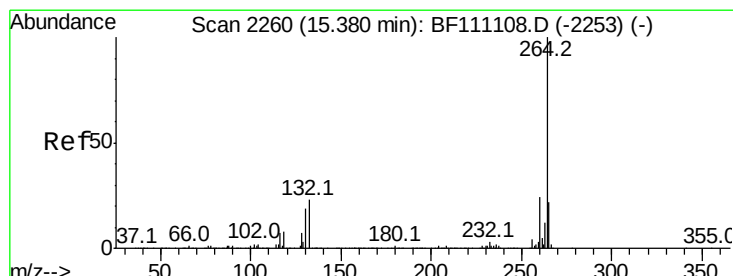
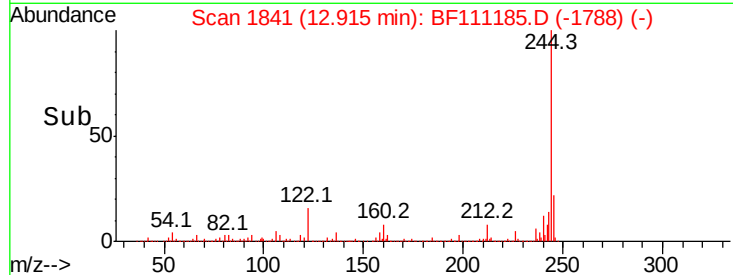
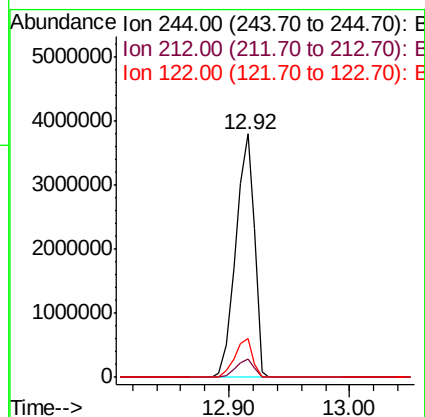
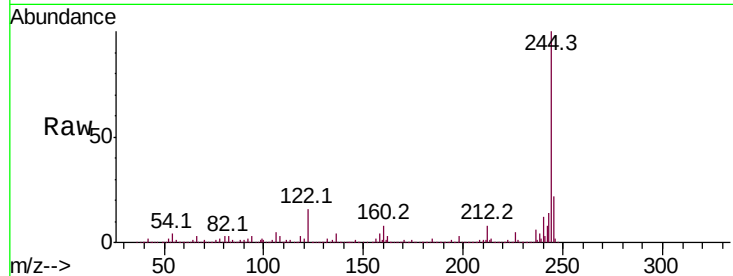




#79
 Terphenyl-d14
 Concen: 74.538 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF111185.D
 Acq: 7 Dec 2018 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB115267BL

Tot Ion:244 Resp: 4071992
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.6 9.8
 122 16.0 14.2 21.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: BF111185.D
 Acq: 7 Dec 2018 14:26

Tgt Ion:264 Resp: 792121
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.0
 265 22.0 17.4 26.0

