

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111217.D
 Acq On : 8 Dec 2018 5:40
 Operator : JU/SJ
 Sample : PB115436BL
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115436BL

Quant Time: Dec 10 01:42:06 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	419366	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1625653	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	664291	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	864935	20.00	ng	0.00
76) Chrysene-d12	13.96	240	729804	20.00	ng	0.00
87) Perylene-d12	15.39	264	535822	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	2397770	89.22	ng	0.01
7) Phenol-d6	6.43	99	2956815	85.41	ng	0.00
23) Nitrobenzene-d5	7.36	82	1869973	68.10	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	462076	87.51	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	3024462	84.13	ng	0.00
79) Terphenyl-d14	12.90	244	2077758	58.31	ng	0.00

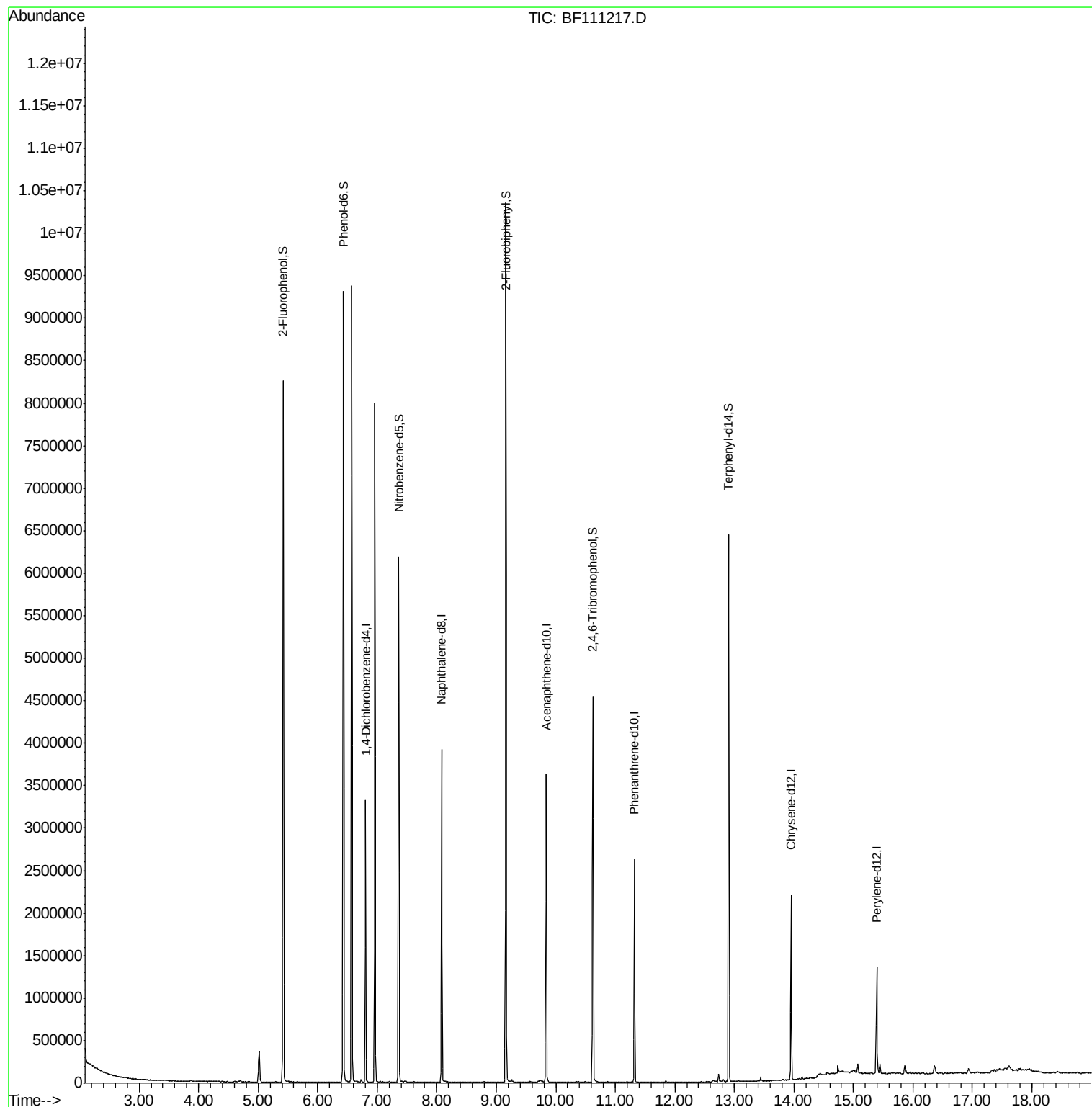
Target Compounds Qvalue

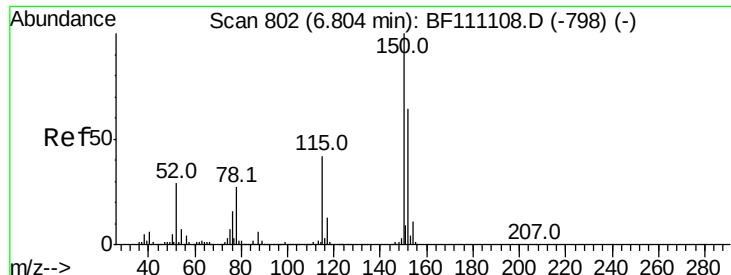
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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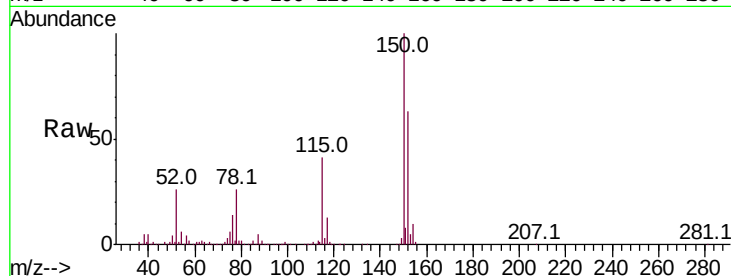


#1

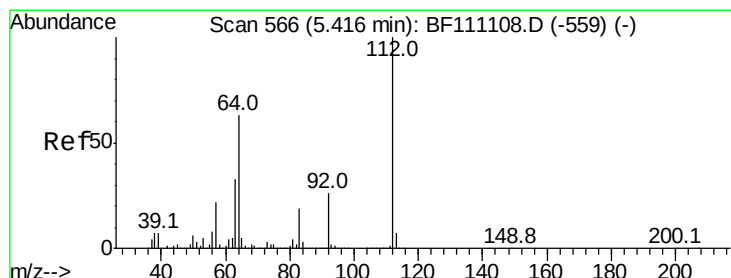
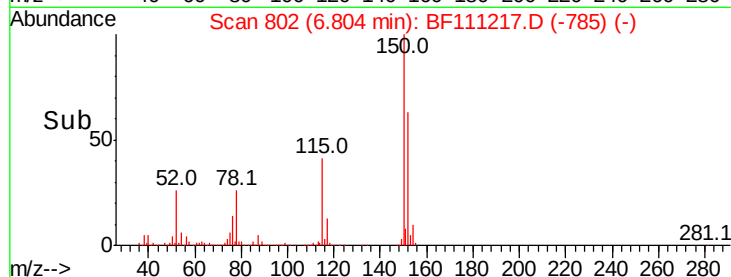
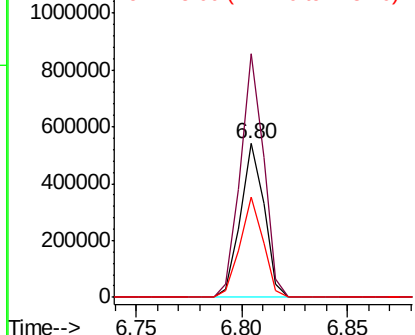
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF111217.D
Acq: 8 Dec 2018 5:40

Instrument :
BNA_F
ClientSampleId :
PB115436BL

Tot Ion:152 Resp: 419366
Ion Ratio Lower Upper
152 100
150 158.1 124.6 187.0
115 64.7 52.2 78.2



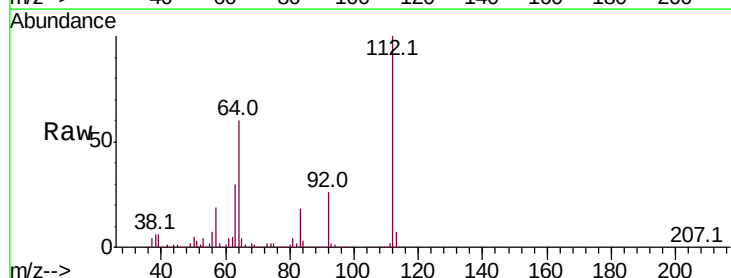
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



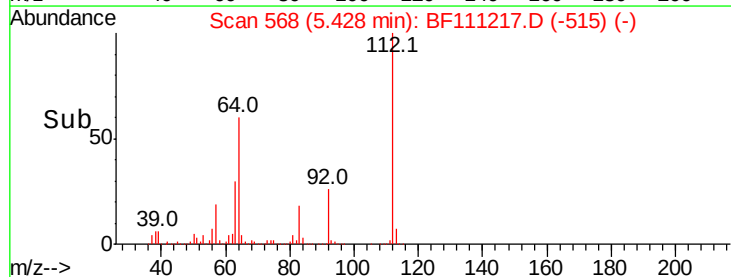
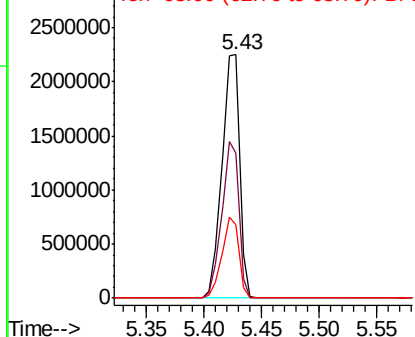
#5

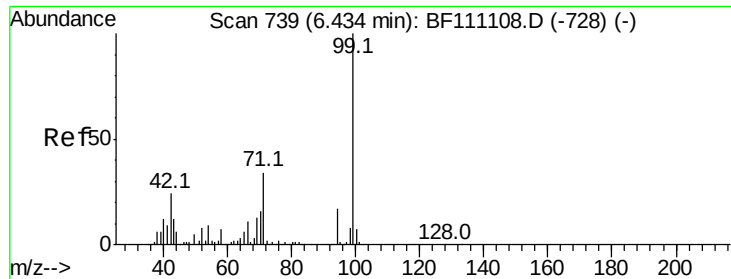
2-Fluorophenol
Concen: 89.221 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111217.D
Acq: 8 Dec 2018 5:40

Tgt Ion:112 Resp: 2397770
Ion Ratio Lower Upper
112 100
64 59.5 50.2 75.4
63 29.9 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: 85.410 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF111217.D

Acq: 8 Dec 2018 5:40

Instrument :

BNA_F

ClientSampleId :

PB115436BL

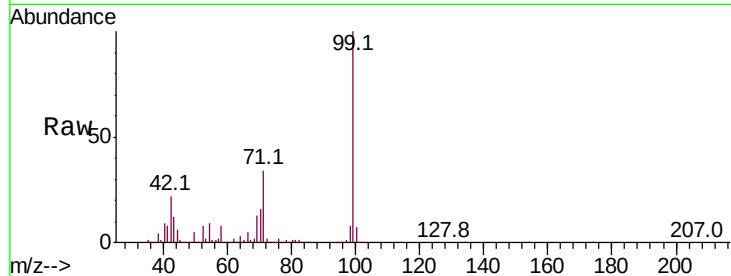
Tot Ion: 99 Resp: 2956815

Ion Ratio Lower Upper

99 100

42 22.0 19.3 28.9

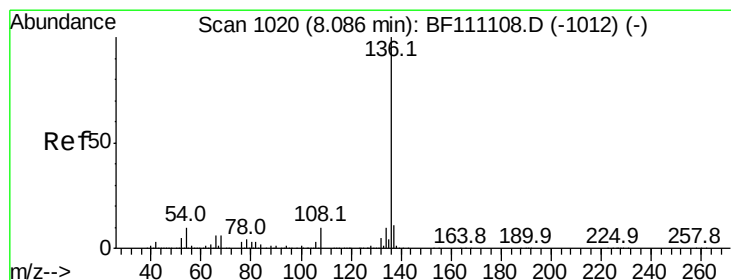
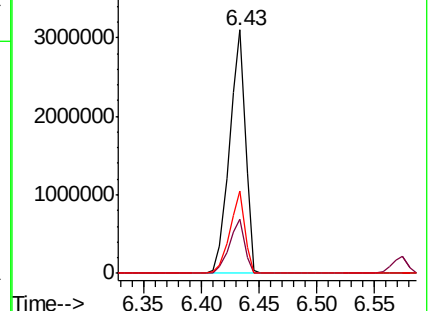
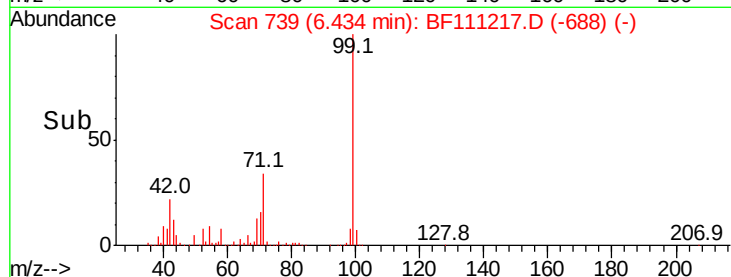
71 33.6 27.4 41.2



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: BF111217.D

Acq: 8 Dec 2018 5:40

Tgt Ion: 136 Resp: 1625653

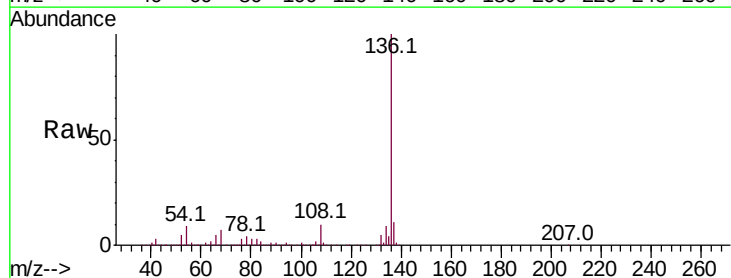
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 9.4 8.4 12.6

68 6.6 5.0 7.4

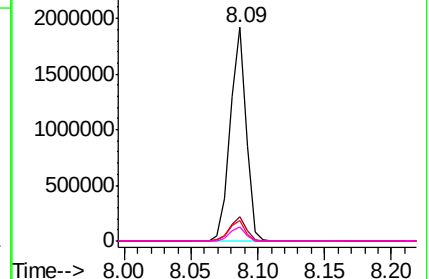
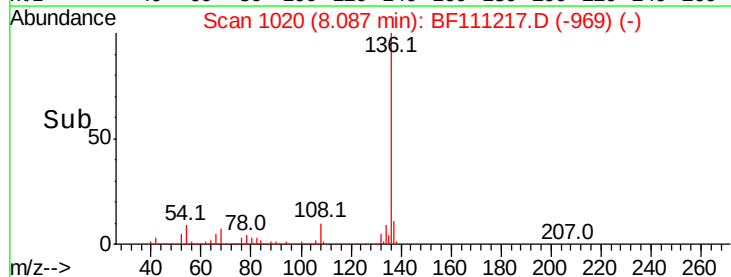


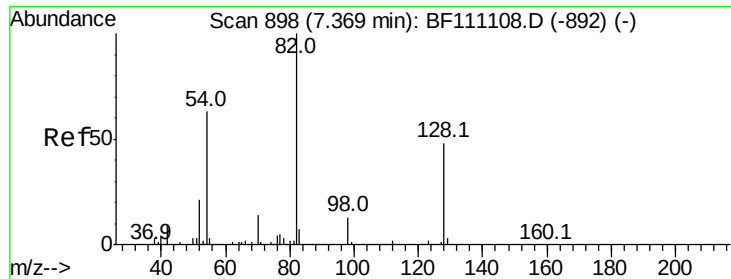
Abundance Ion 136.00 (135.70 to 136.70): E

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

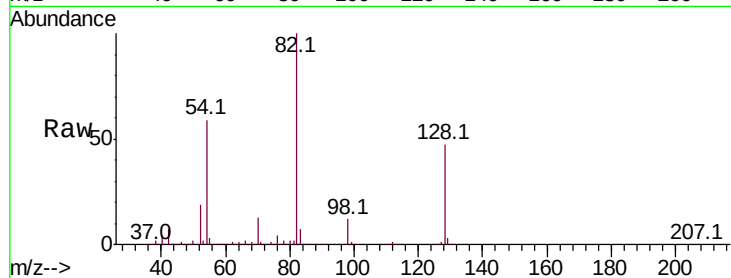




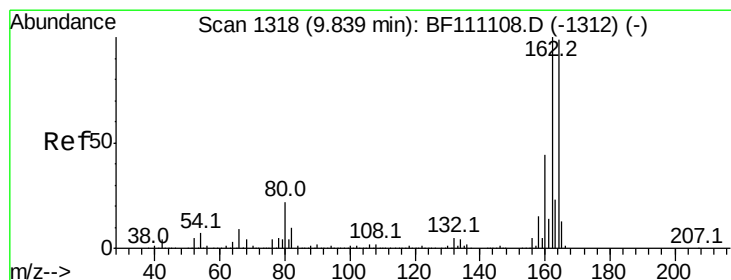
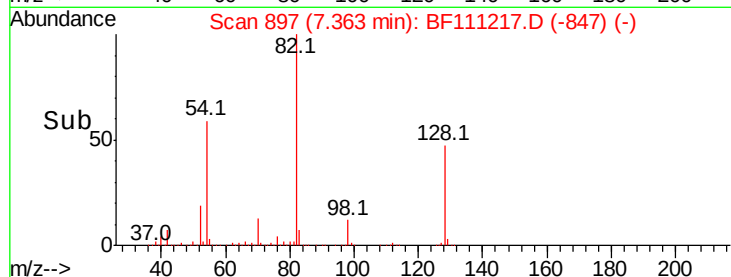
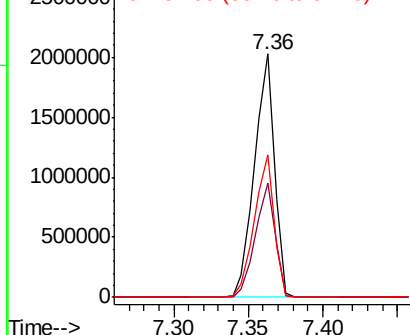
#23
Nitrobenzene-d5
Concen: 68.101 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111217.D
Acq: 8 Dec 2018 5:40

Instrument :
BNA_F
ClientSampleId :
PB115436BL

Tot Ion: 82 Resp: 1869973
Ion Ratio Lower Upper
82 100
128 47.2 38.1 57.1
54 58.6 50.3 75.5

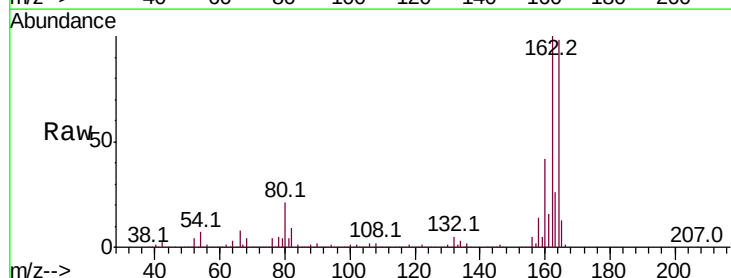


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

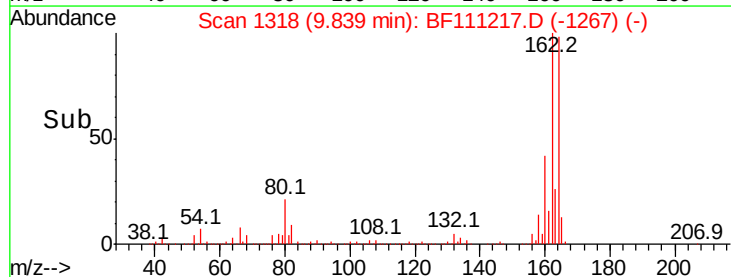
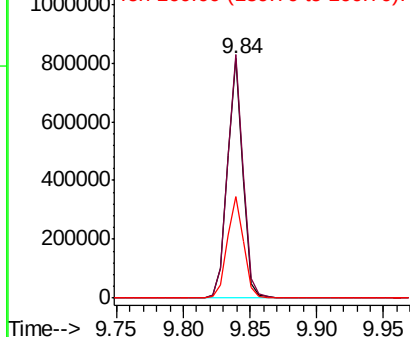


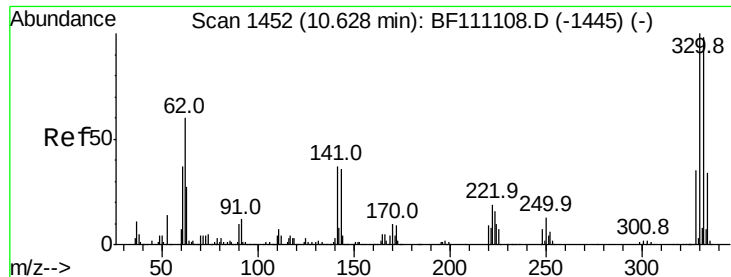
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF111217.D
Acq: 8 Dec 2018 5:40

Tgt Ion:164 Resp: 664291
Ion Ratio Lower Upper
164 100
162 101.6 80.6 120.8
160 42.6 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

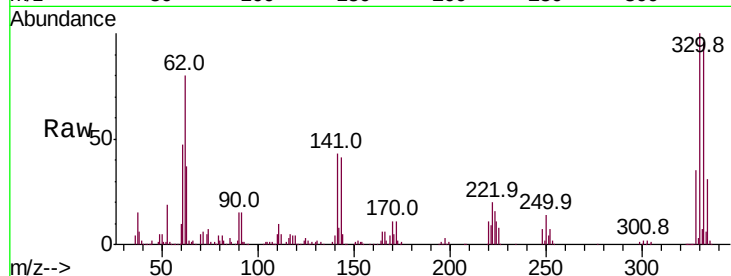




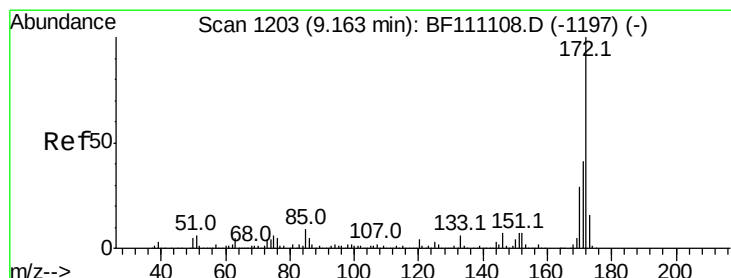
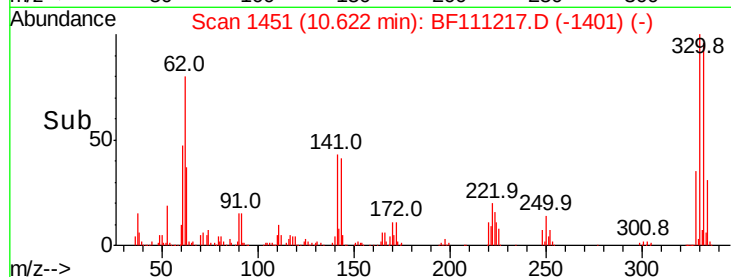
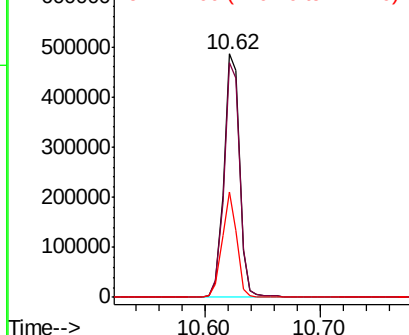
#42
 2,4,6-Tribromophenol
 Concen: 87.509 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF111217.D
 Acq: 8 Dec 2018 5:40

Instrument :
 BNA_F
 ClientSampleId :
 PB115436BL

Tot Ion:330 Resp: 462076
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.2 115.8
 141 39.8 36.1 54.1

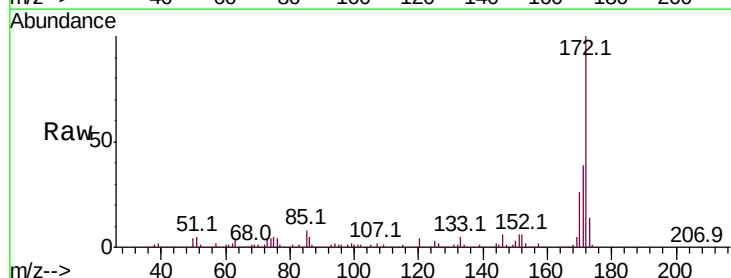


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

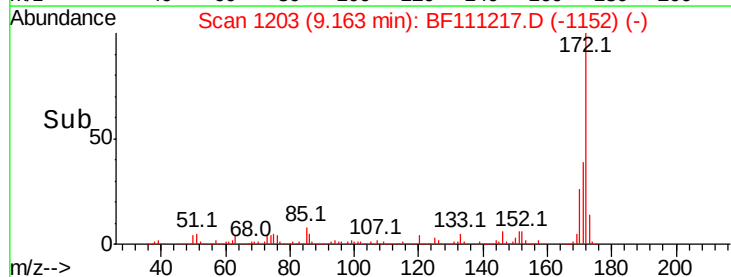
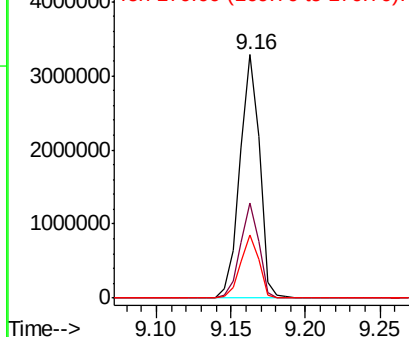


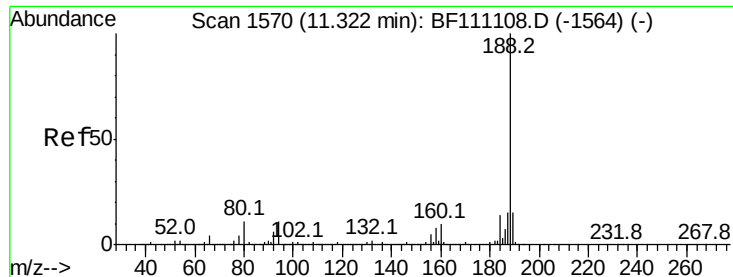
#45
 2-Fluorobiphenyl
 Concen: 84.130 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF111217.D
 Acq: 8 Dec 2018 5:40

Tgt Ion:172 Resp: 3024462
 Ion Ratio Lower Upper
 172 100
 171 39.0 33.2 49.8
 170 26.0 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

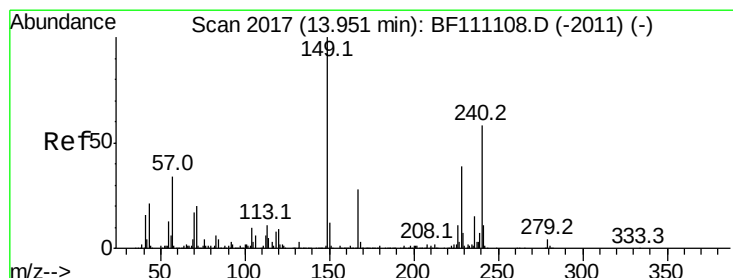
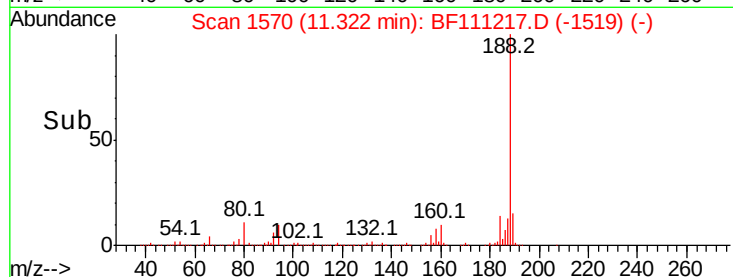
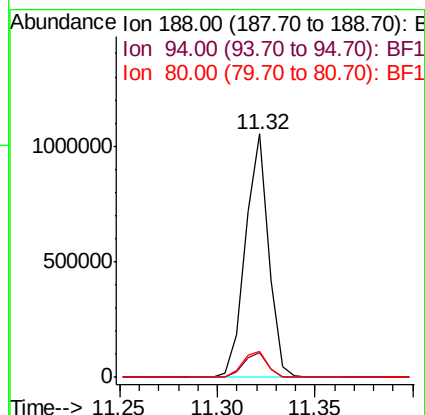
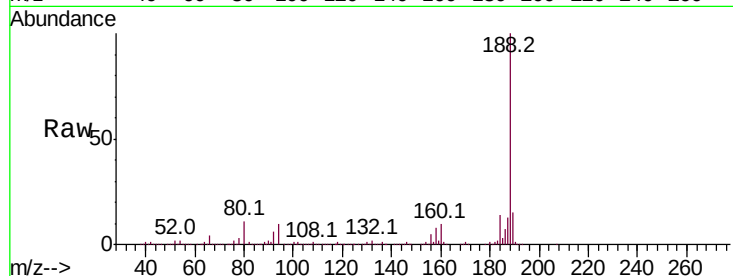




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF111217.D
Acq: 8 Dec 2018 5:40

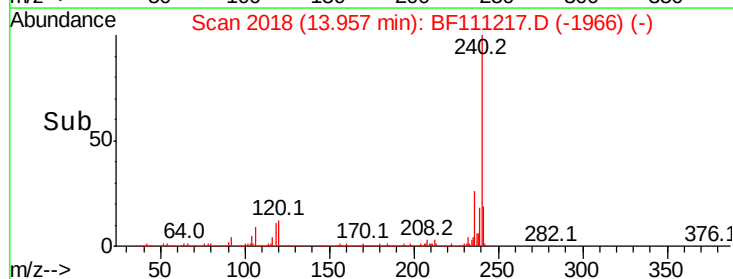
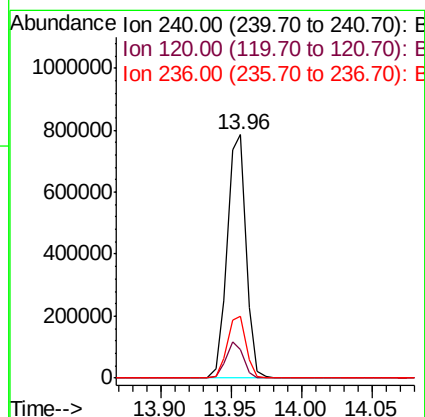
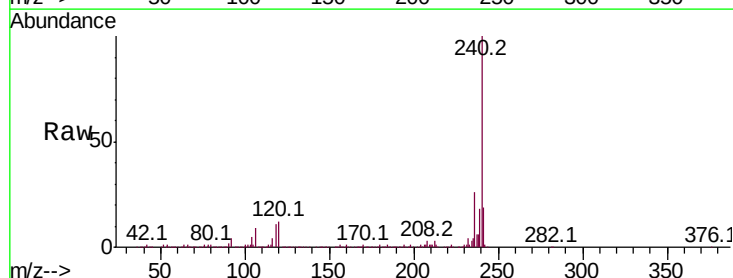
Instrument :
BNA_F
ClientSampleId :
PB115436BL

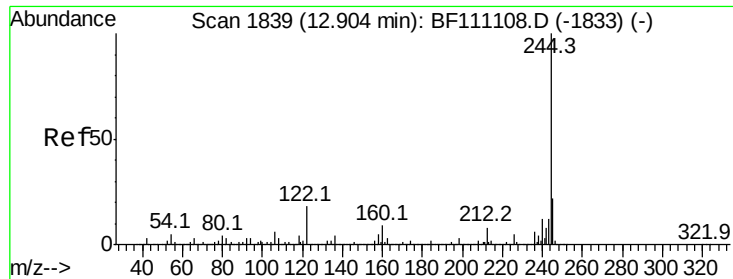
Tot Ion:188 Resp: 864935
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.9 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111217.D
Acq: 8 Dec 2018 5:40

Tgt Ion:240 Resp: 729804
Ion Ratio Lower Upper
240 100
120 11.6 12.8 19.2#
236 25.6 21.1 31.7



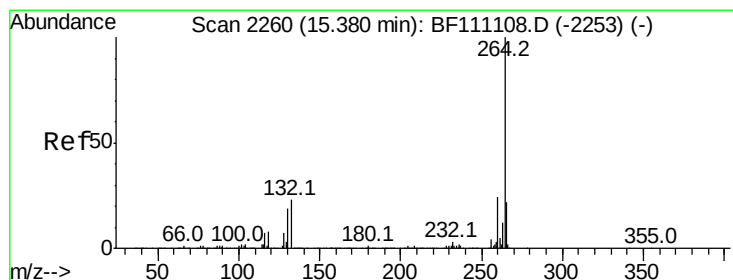
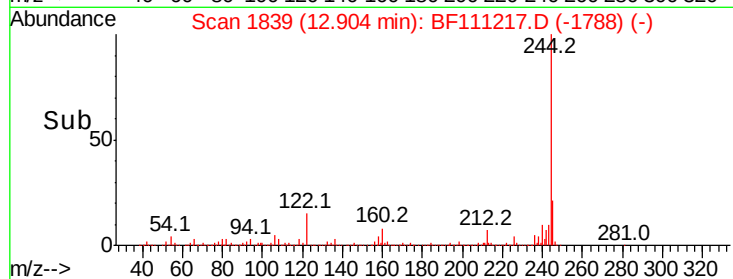
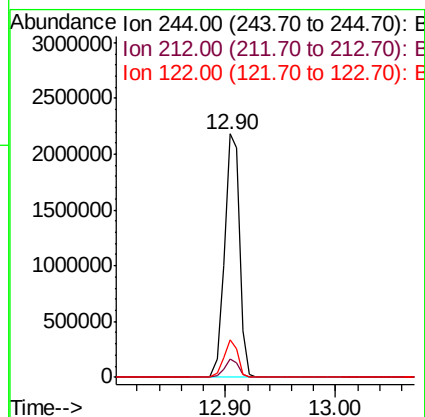
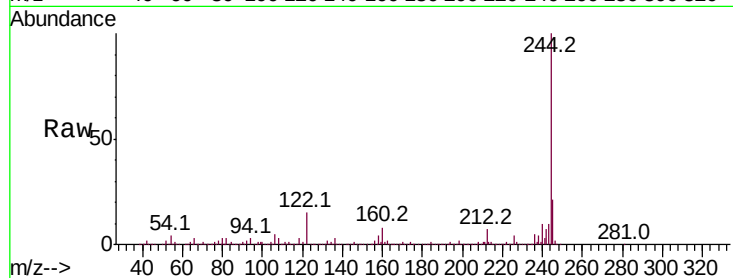


#79
 Terphenyl-d14
 Concen: 58.306 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: BF111217.D
 Acq: 8 Dec 2018 5:40

Instrument :
 BNA_F
 ClientSampleId :
 PB115436BL

Tot Ion:244 Resp: 2077758

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.6	9.8
122	15.5	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: BF111217.D
 Acq: 8 Dec 2018 5:40

Tgt Ion:264 Resp: 535822

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.8	17.4	26.0

