

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120918\
 Data File : BF111233.D
 Acq On : 10 Dec 2018 11:01
 Operator : JU/SJ
 Sample : PB115080BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115080BL

Quant Time: Dec 10 15:37:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	599952	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	2449273	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	1150268	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1988482	20.00	ng	0.00
76) Chrysene-d12	13.95	240	1542688	20.00	ng	0.00
87) Perylene-d12	15.39	264	1152106	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	3245882	85.43	ng	0.02
7) Phenol-d6	6.43	99	4068157	86.16	ng	0.00
23) Nitrobenzene-d5	7.36	82	2620107	60.00	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	867788	85.17	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	4266313	58.47	ng	0.00
79) Terphenyl-d14	12.91	244	3862110	60.05	ng	0.00

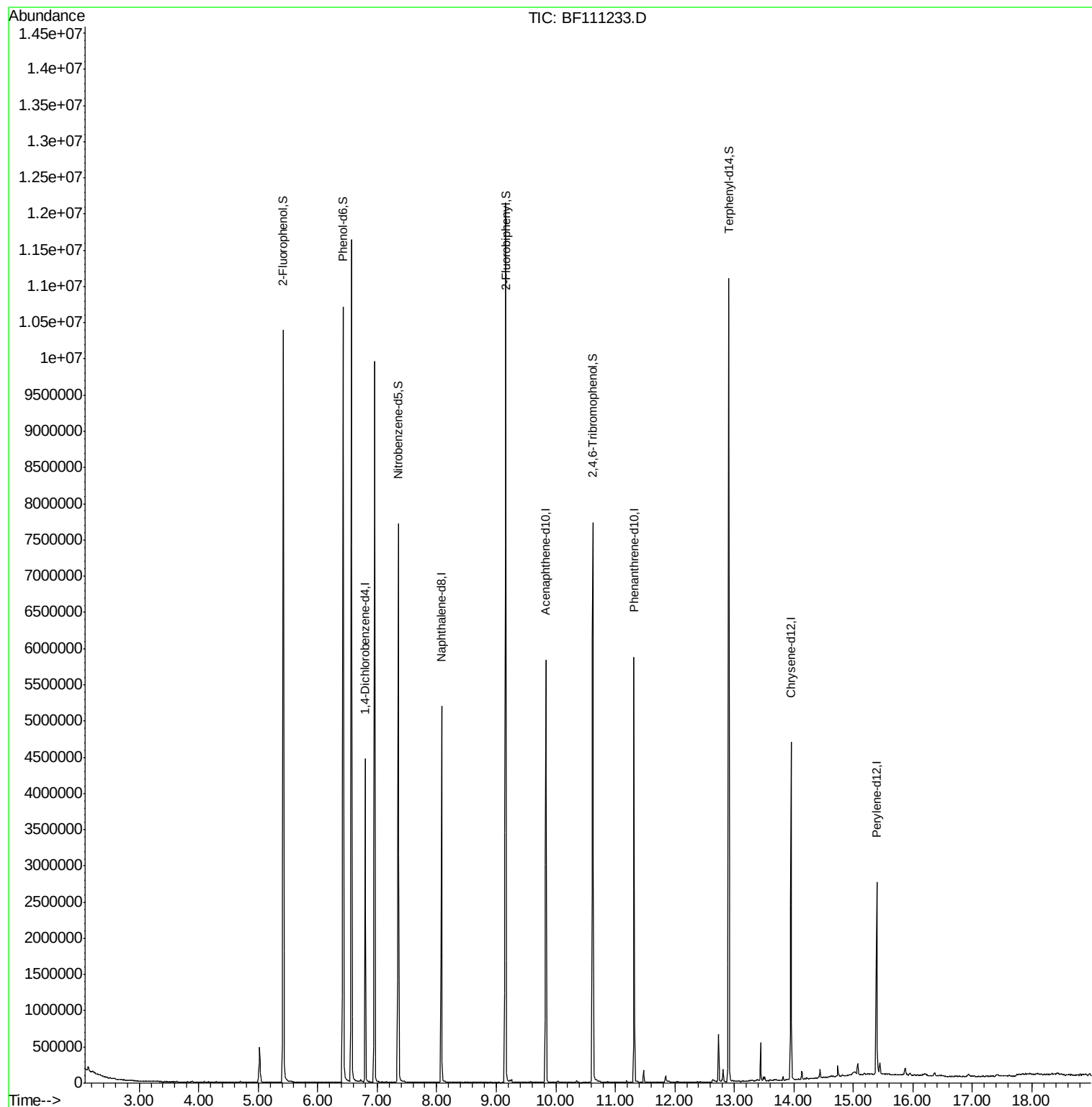
Target Compounds Qvalue

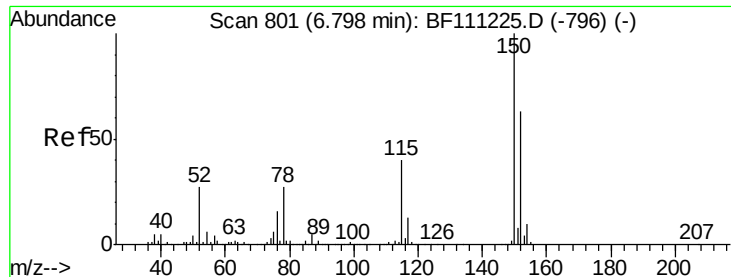
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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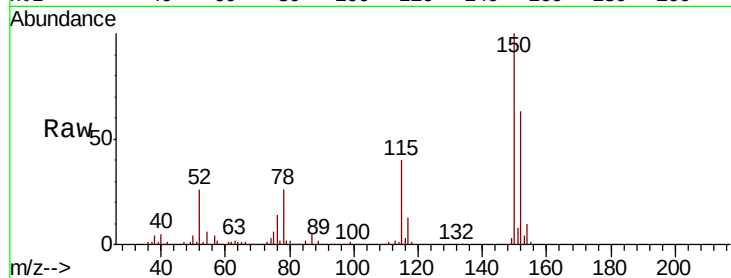


#1

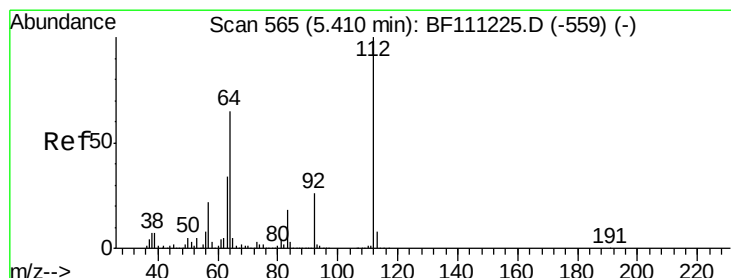
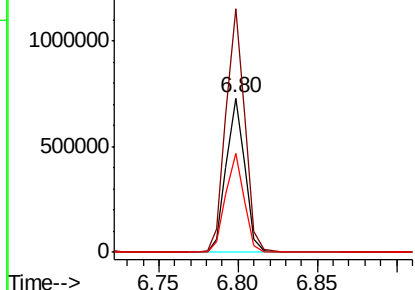
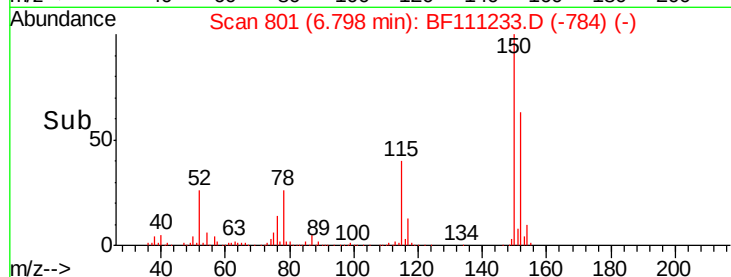
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111233.D
Acq: 10 Dec 2018 11:01

Instrument :
BNA_F
ClientSampleId :
PB115080BL

Tot Ion:152 Resp: 599952
Ion Ratio Lower Upper
152 100
150 157.9 126.6 189.8
115 63.9 50.7 76.1



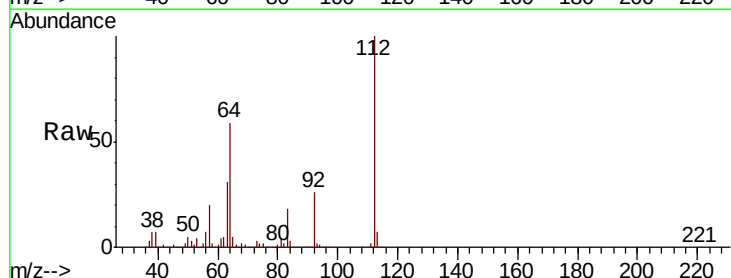
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



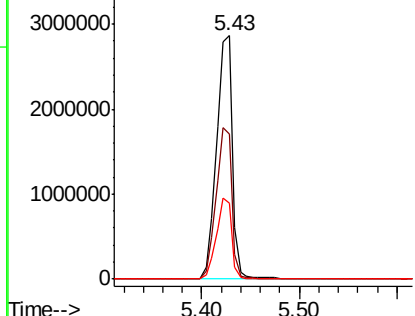
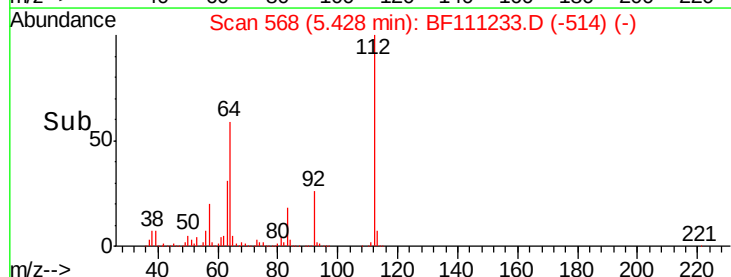
#5

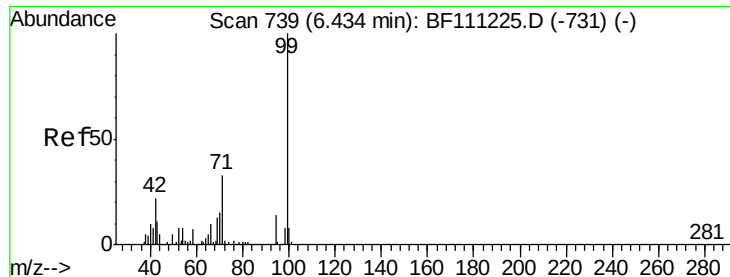
2-Fluorophenol
Concen: 85.431 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF111233.D
Acq: 10 Dec 2018 11:01

Tgt Ion:112 Resp: 3245882
Ion Ratio Lower Upper
112 100
64 59.4 51.8 77.6
63 31.4 26.8 40.2



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: 86.159 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111233.D

Acq: 10 Dec 2018 11:01

Instrument :

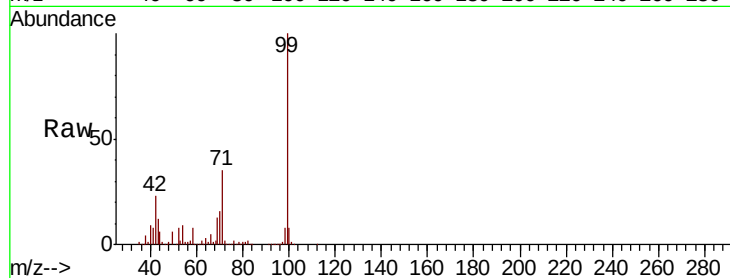
BNA_F

ClientSampleId :

PB115080BL

Tot Ion: 99 Resp: 4068157

Ion	Ratio	Lower	Upper
99	100		
42	23.4	17.4	26.0
71	35.1	26.1	39.1

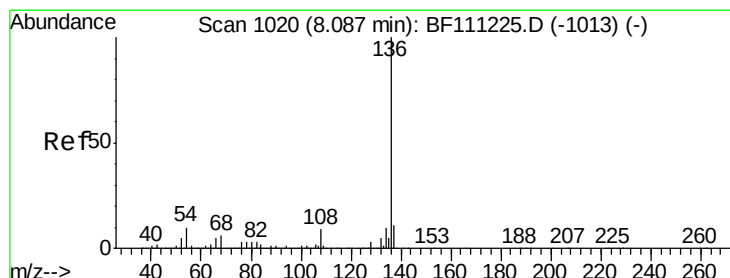
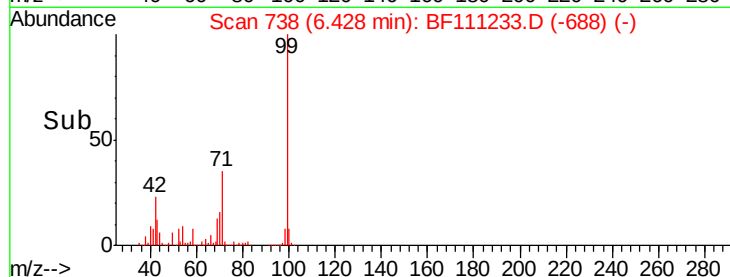
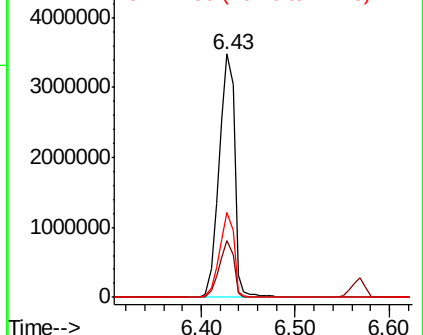


Abundance

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: 8.08 min Scan# 1019

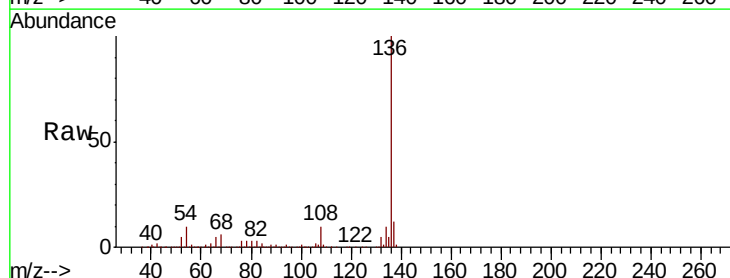
Delta R.T. -0.01 min

Lab File: BF111233.D

Acq: 10 Dec 2018 11:01

Tgt Ion: 136 Resp: 2449273

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	10.0	7.7	11.5
68	6.2	4.9	7.3



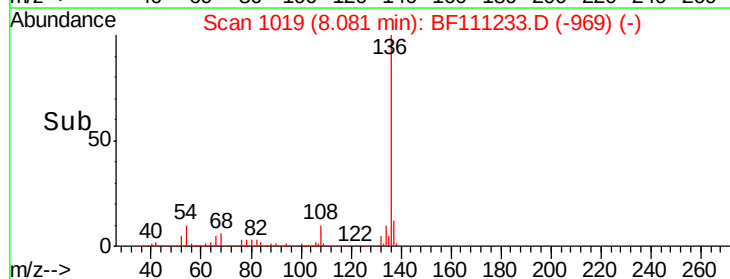
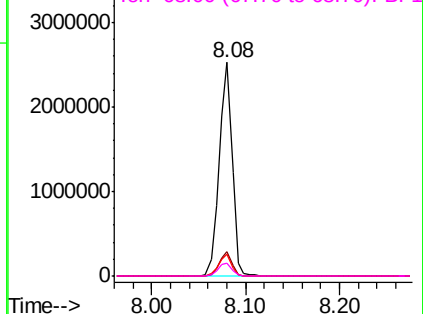
Abundance

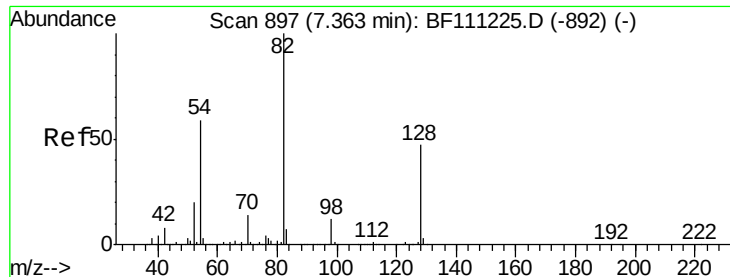
Ion 136.00 (135.70 to 136.70): E

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

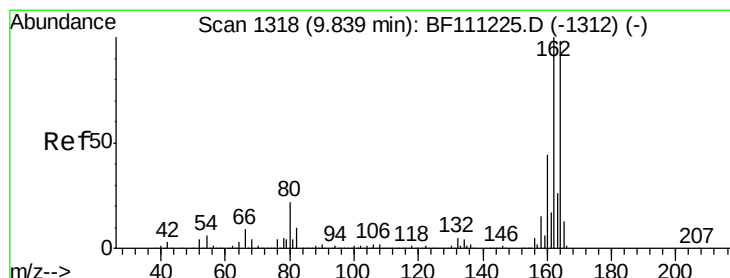
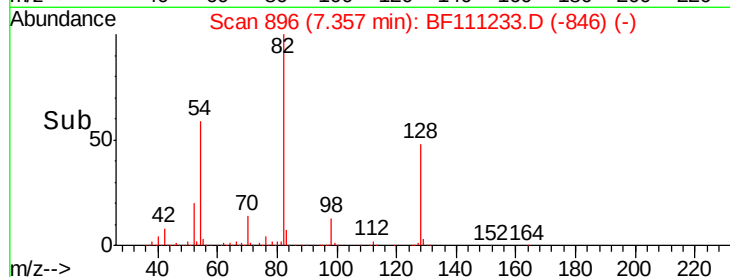
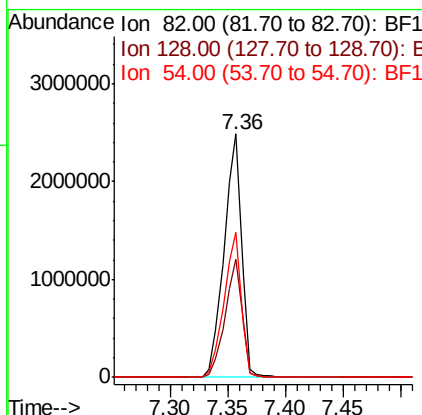
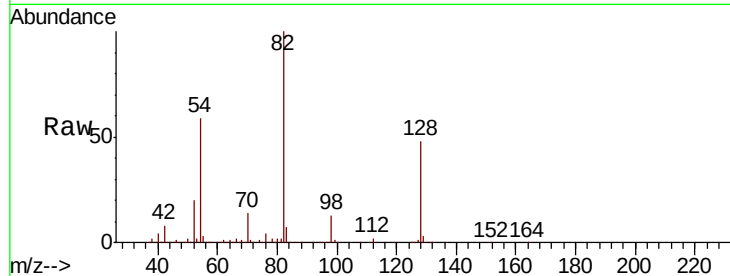




#23
Nitrobenzene-d5
Concen: 60.001 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111233.D
Acq: 10 Dec 2018 11:01

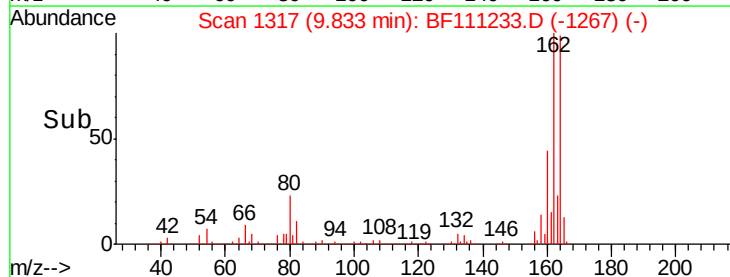
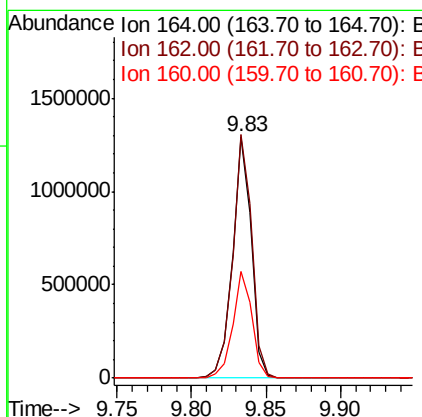
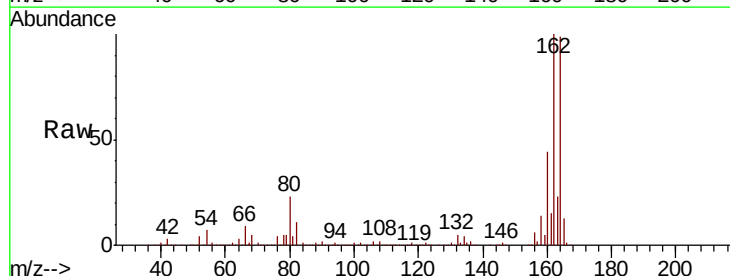
Instrument :
BNA_F
ClientSampleId :
PB115080BL

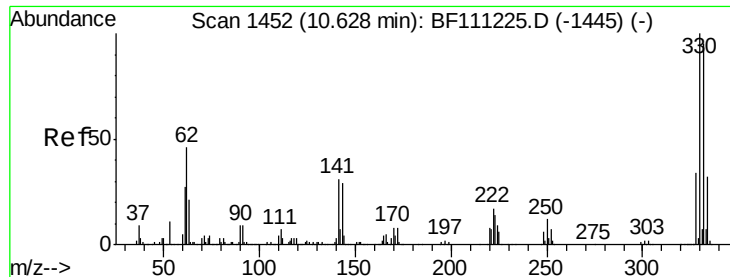
Tot Ion: 82 Resp: 2620107
Ion Ratio Lower Upper
82 100
128 48.3 37.4 56.2
54 59.4 47.6 71.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF111233.D
Acq: 10 Dec 2018 11:01

Tgt Ion: 164 Resp: 1150268
Ion Ratio Lower Upper
164 100
162 101.0 81.4 122.0
160 44.4 35.7 53.5

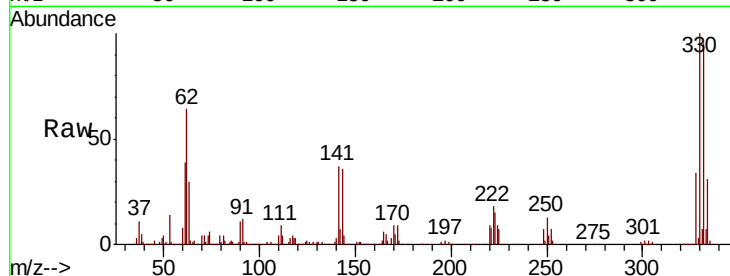




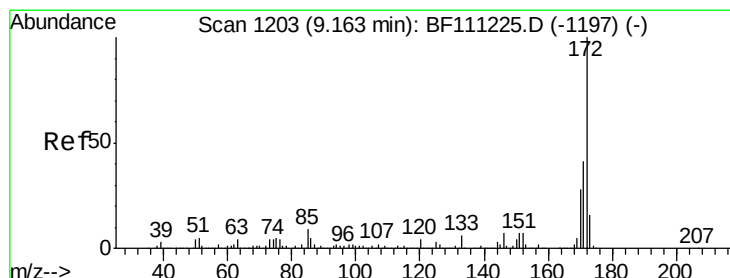
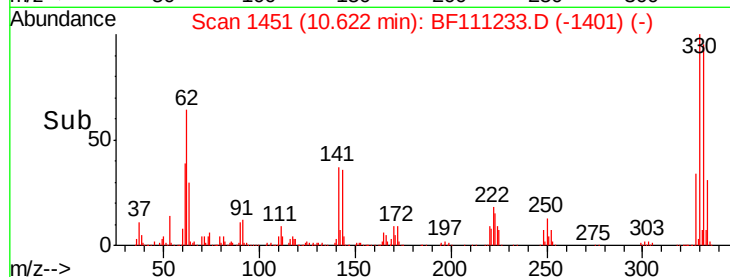
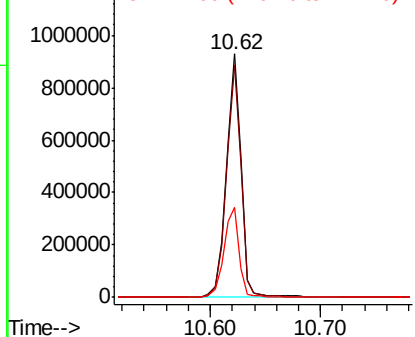
#42
 2,4,6-Tribromophenol
 Concen: 85.167 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF111233.D
 Acq: 10 Dec 2018 11:01

Instrument :
 BNA_F
 ClientSampleId :
 PB115080BL

Tot Ion:330 Resp: 867788
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.0 114.0
 141 38.5 31.0 46.6

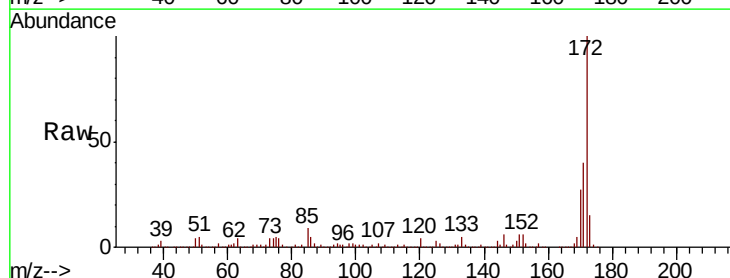


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

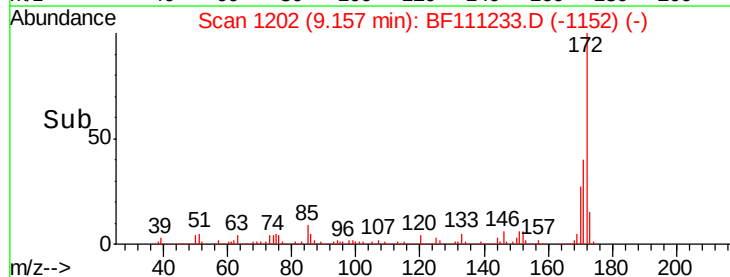
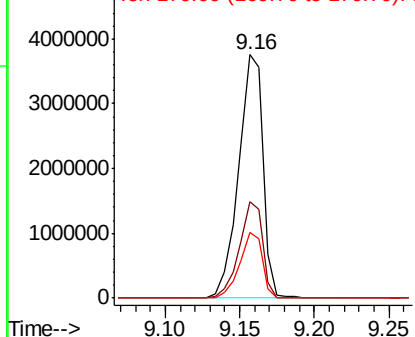


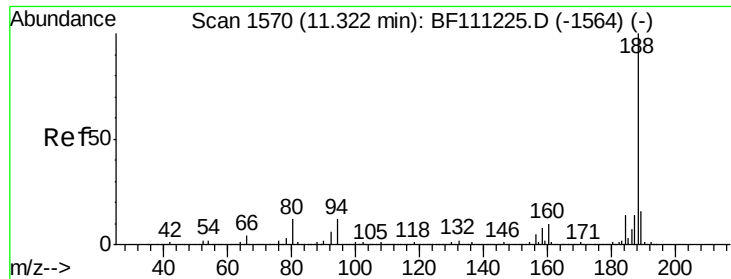
#45
 2-Fluorobiphenyl
 Concen: 58.465 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF111233.D
 Acq: 10 Dec 2018 11:01

Tgt Ion:172 Resp: 4266313
 Ion Ratio Lower Upper
 172 100
 171 39.6 33.0 49.4
 170 26.9 22.3 33.5



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# 1569

Delta R.T. -0.01 min

Lab File: BF111233.D

Acq: 10 Dec 2018 11:01

Instrument :

BNA_F

ClientSampleId :

PB115080BL

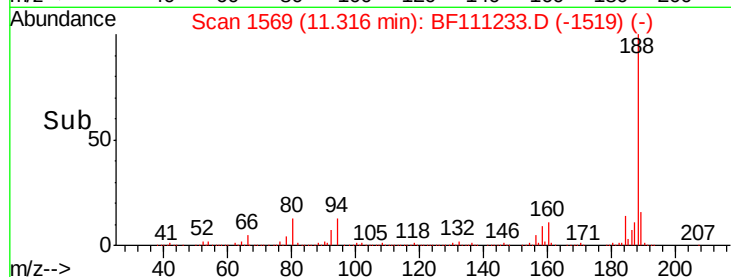
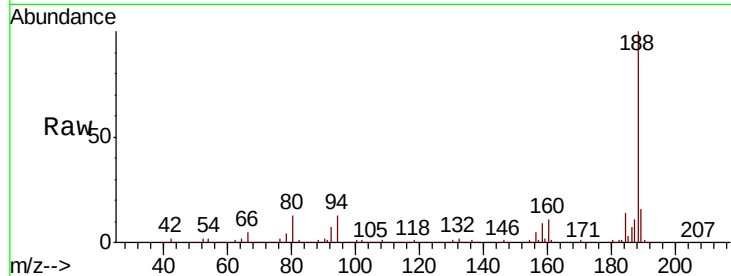
Tot Ion:188 Resp: 1988482

Ion Ratio Lower Upper

188 100

94 12.7 9.6 14.4

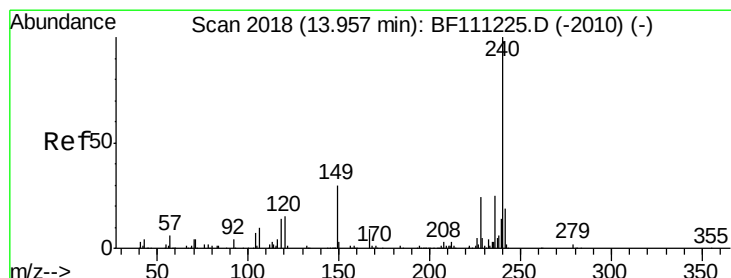
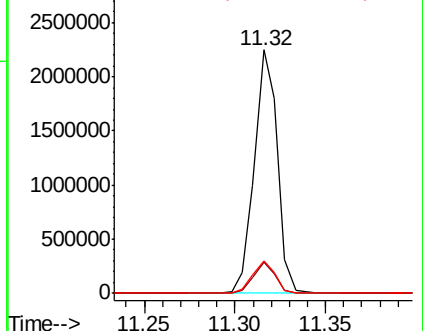
80 13.3 9.8 14.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF111233.D

Acq: 10 Dec 2018 11:01

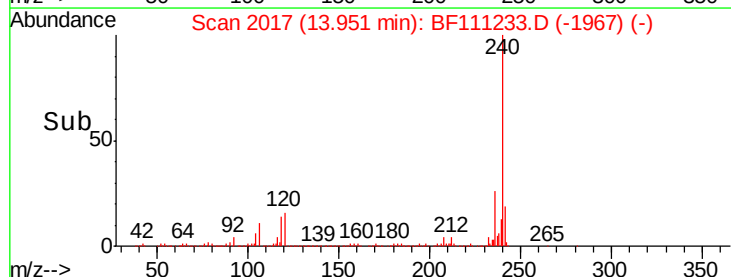
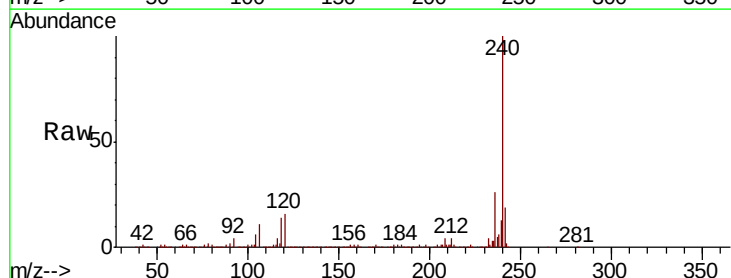
Tgt Ion:240 Resp: 1542688

Ion Ratio Lower Upper

240 100

120 15.9 12.2 18.2

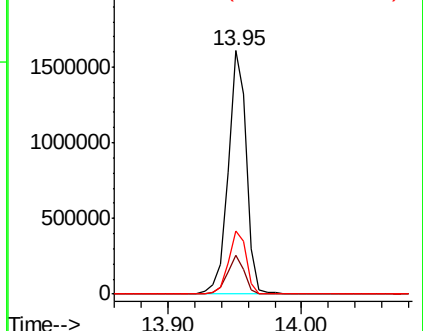
236 25.9 20.2 30.2

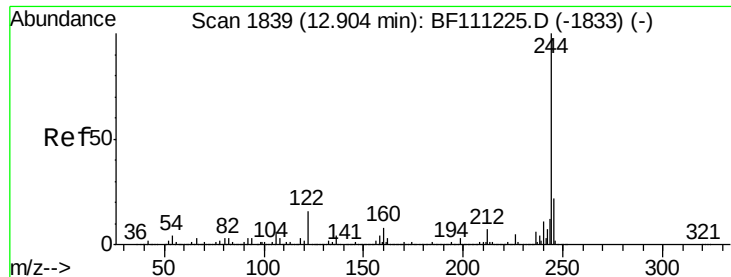


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 60.050 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF111233.D

Acq: 10 Dec 2018 11:01

Instrument :

BNA_F

ClientSampleId :

PB115080BL

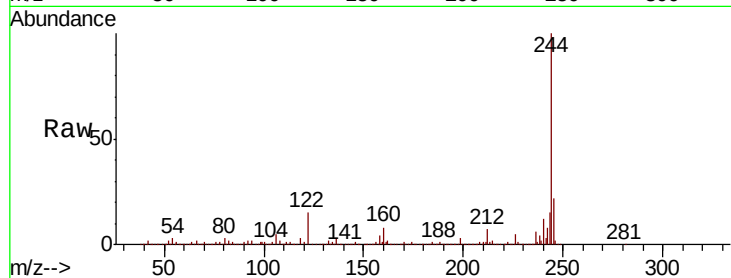
Tot Ion:244 Resp: 3862110

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

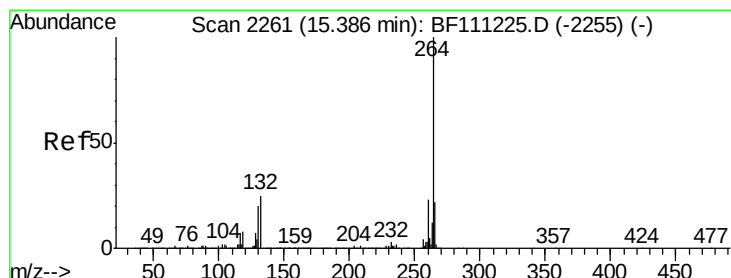
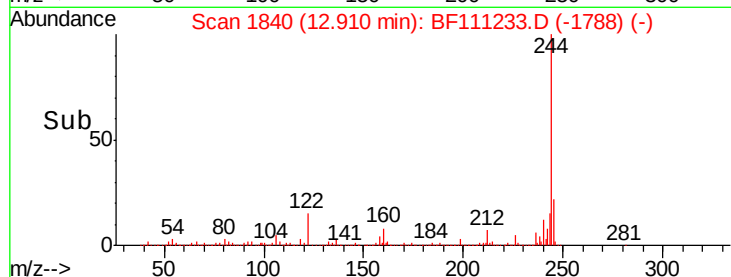
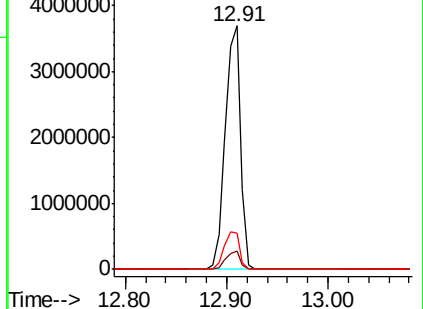
122 14.7 13.1 19.7



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: BF111233.D

Acq: 10 Dec 2018 11:01

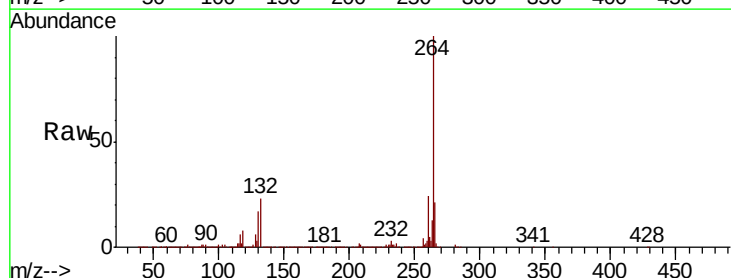
Tgt Ion:264 Resp: 1152106

Ion Ratio Lower Upper

264 100

260 23.9 18.3 27.5

265 21.4 17.7 26.5



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

