

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121818\
 Data File : BF111584.D
 Acq On : 18 Dec 2018 19:18
 Operator : JU/SJ
 Sample : PB115777BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115777BL

Quant Time: Dec 19 01:11:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	130390	20.00	ng	-0.02
21) Naphthalene-d8	8.06	136	769758	20.00	ng	-0.02
39) Acenaphthene-d10	9.81	164	386608	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	765001	20.00	ng	-0.02
76) Chrysene-d12	13.93	240	573849	20.00	ng	-0.02
87) Perylene-d12	15.37	264	418163	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	515025	65.73	ng	-0.01
7) Phenol-d6	6.42	99	662279	63.54	ng	-0.02
23) Nitrobenzene-d5	7.33	82	616552	47.70	ng	-0.02
42) 2,4,6-Tribromophenol	10.60	330	217461	62.79	ng	-0.02
45) 2-Fluorobiphenyl	9.13	172	1655961	66.16	ng	-0.02
79) Terphenyl-d14	12.88	244	1644993	67.31	ng	-0.02

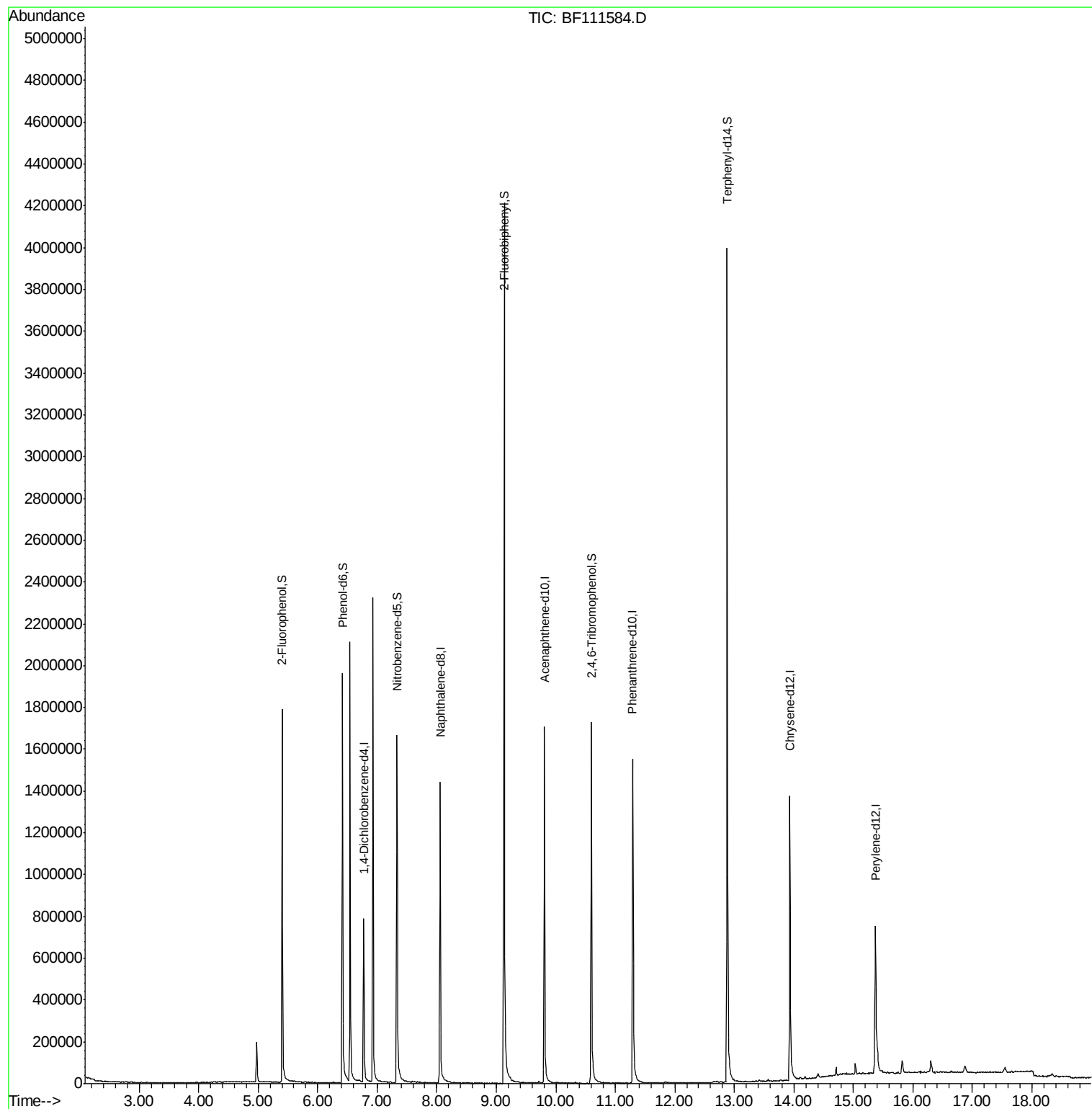
Target Compounds Qvalue

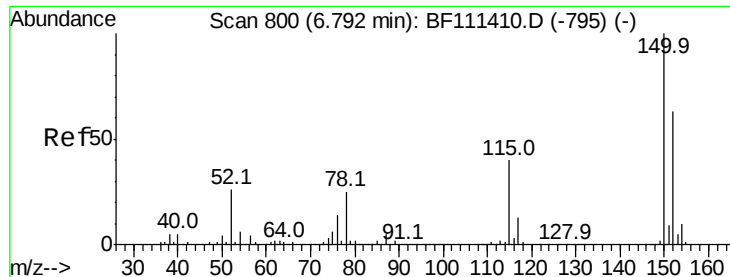
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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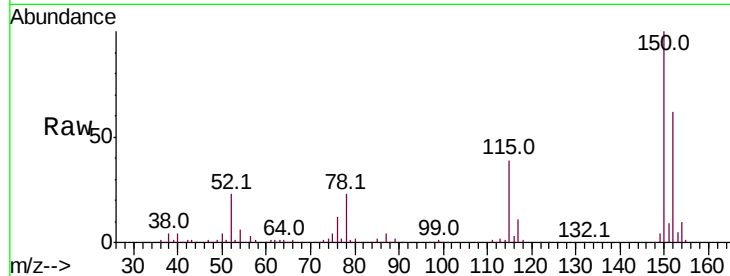


#1

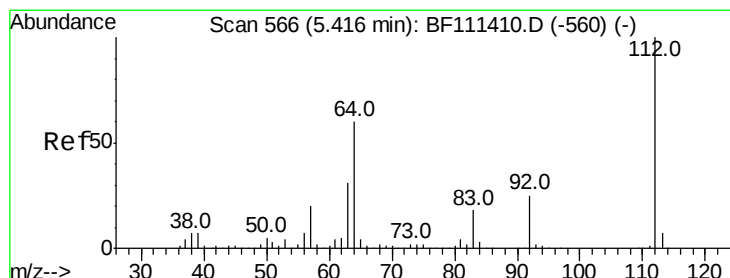
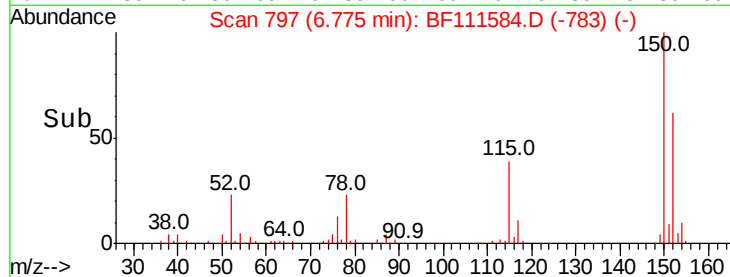
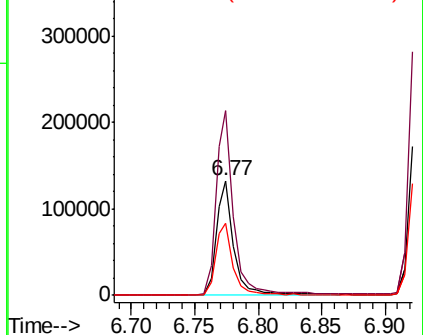
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.02 min
 Lab File: BF111584.D
 Acq: 18 Dec 2018 19:18

Instrument :
 BNA_F
 ClientSampleId :
 PB115777BL

Tot Ion:152 Resp: 130390
 Ion Ratio Lower Upper
 152 100
 150 161.1 126.6 189.8
 115 62.2 50.7 76.1



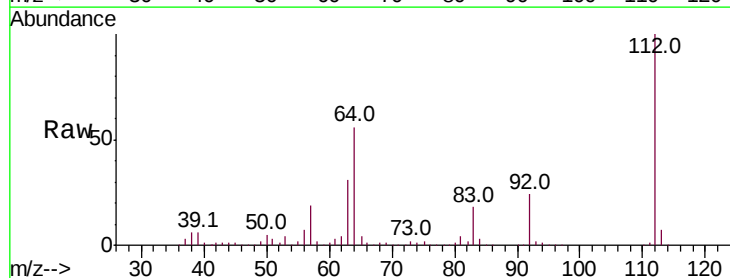
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



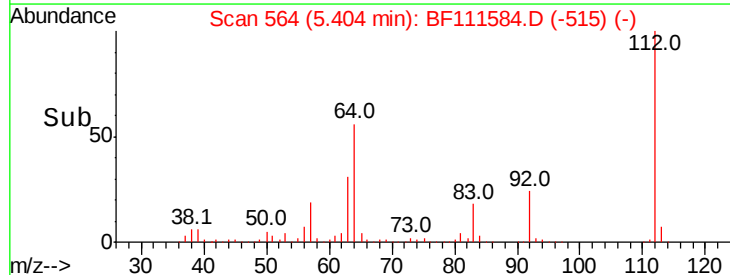
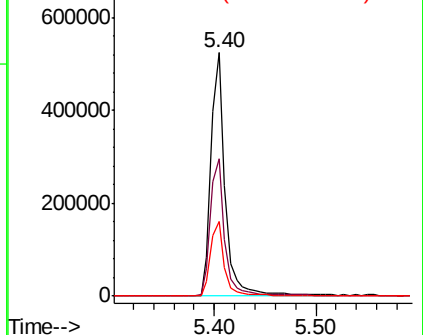
#5

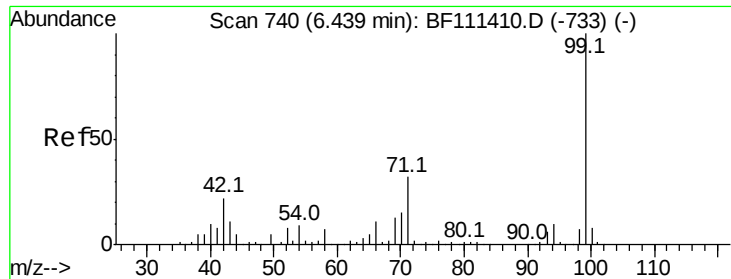
2-Fluorophenol
 Concen: 65.728 ng
 RT: 5.40 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: BF111584.D
 Acq: 18 Dec 2018 19:18

Tgt Ion:112 Resp: 515025
 Ion Ratio Lower Upper
 112 100
 64 56.5 51.8 77.6
 63 30.5 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: 63.541 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.02 min

Lab File: BF111584.D

Acq: 18 Dec 2018 19:18

Instrument :

BNA_F

ClientSampleId :

PB115777BL

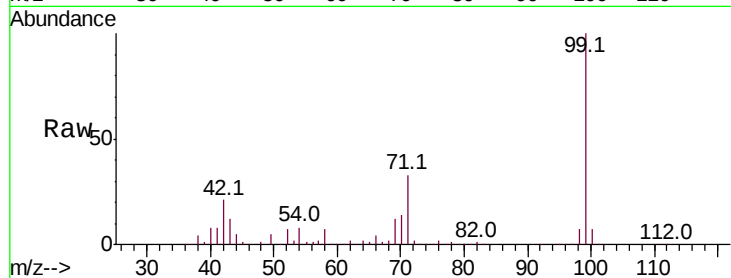
Tot Ion: 99 Resp: 662279

Ion Ratio Lower Upper

99 100

42 21.2 17.4 26.0

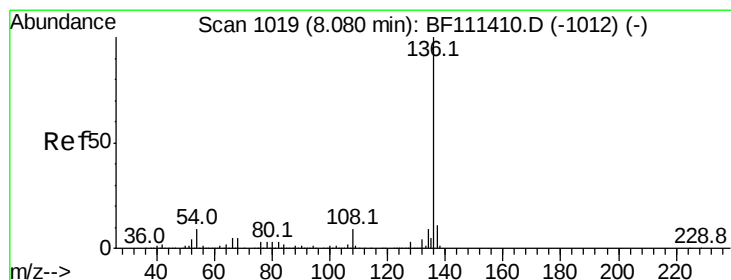
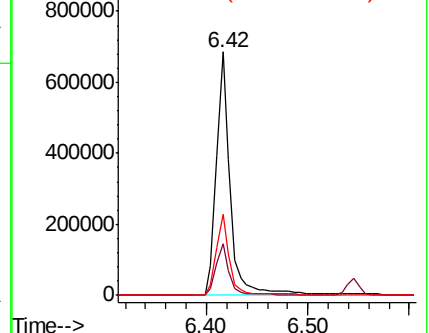
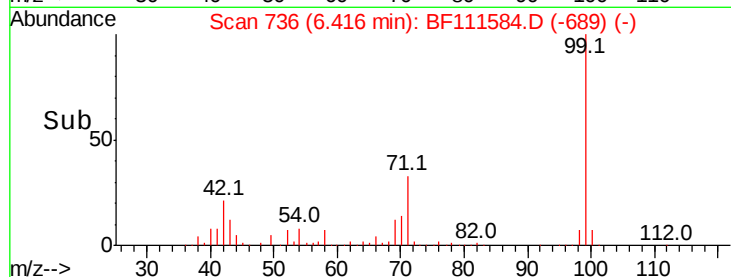
71 33.1 26.1 39.1



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: 8.06 min Scan# 1015

Delta R.T. -0.02 min

Lab File: BF111584.D

Acq: 18 Dec 2018 19:18

Tgt Ion: 136 Resp: 769758

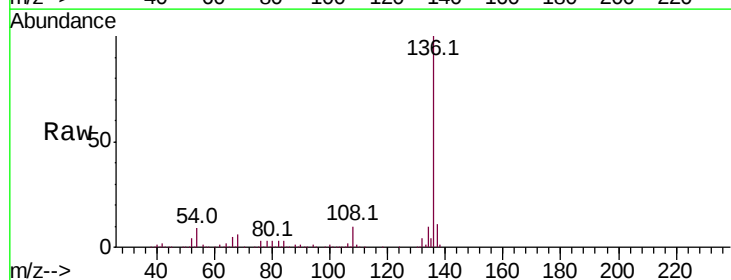
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 9.1 7.7 11.5

68 5.6 4.9 7.3

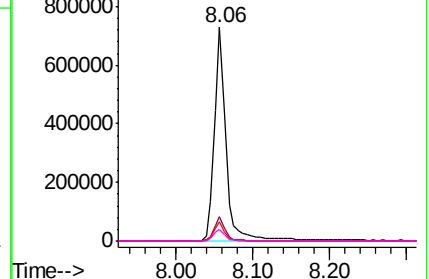
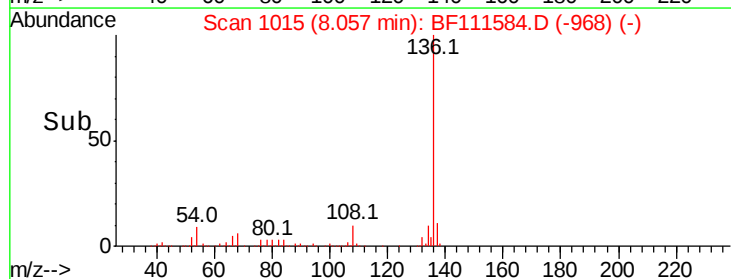


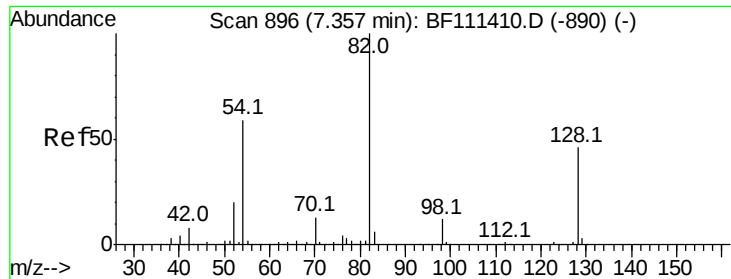
Abundance Ion 136.00 (135.70 to 136.70): E

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

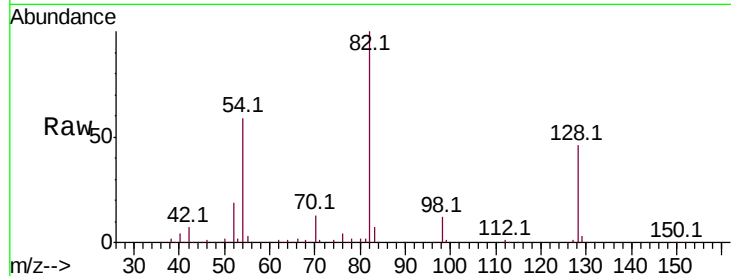




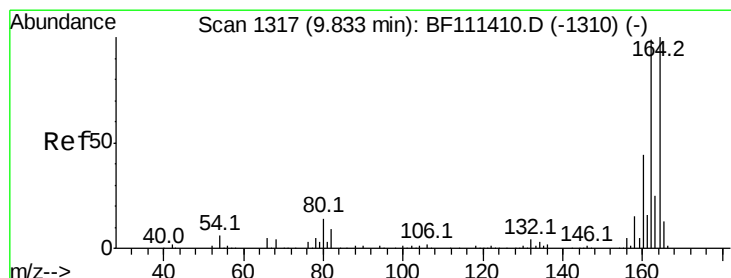
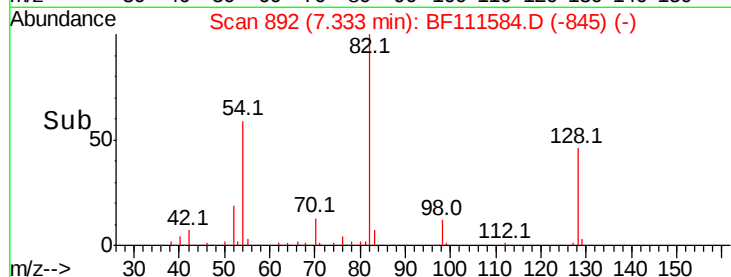
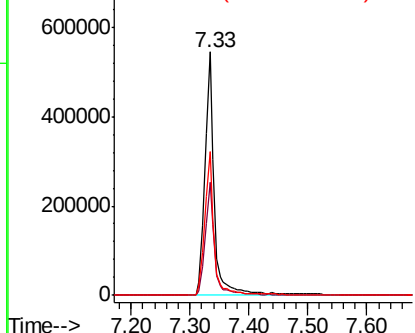
#23
Nitrobenzene-d5
Concen: 47.697 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF111584.D
Acq: 18 Dec 2018 19:18

Instrument :
BNA_F
ClientSampleId :
PB115777BL

Tot Ion: 82 Resp: 616552
Ion Ratio Lower Upper
82 100
128 46.3 37.4 56.2
54 58.9 47.6 71.4

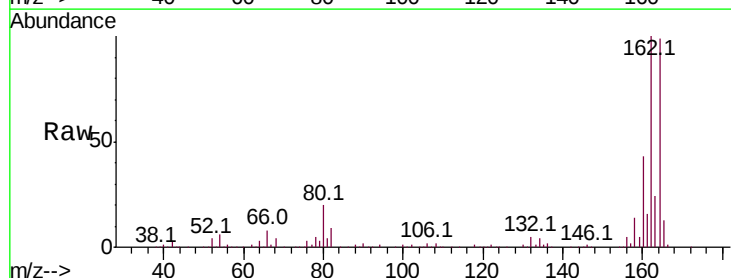


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

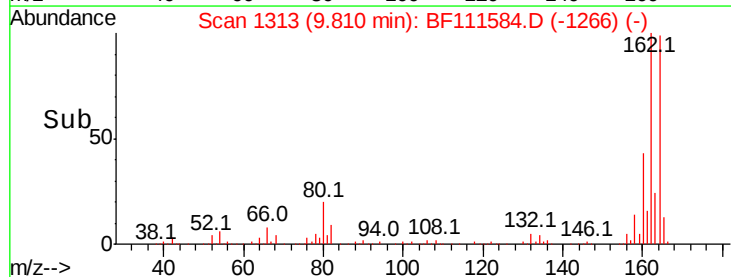
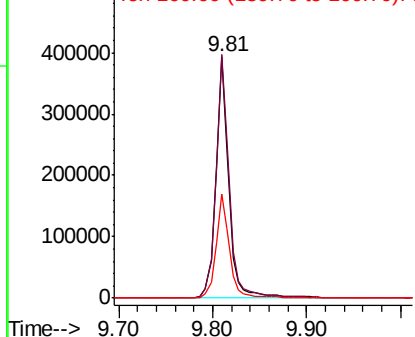


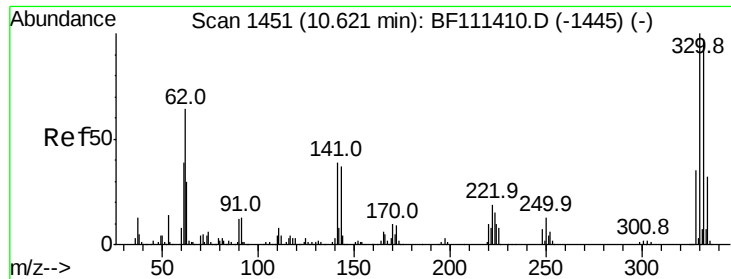
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BF111584.D
Acq: 18 Dec 2018 19:18

Tgt Ion:164 Resp: 386608
Ion Ratio Lower Upper
164 100
162 101.0 81.4 122.0
160 43.4 35.7 53.5



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

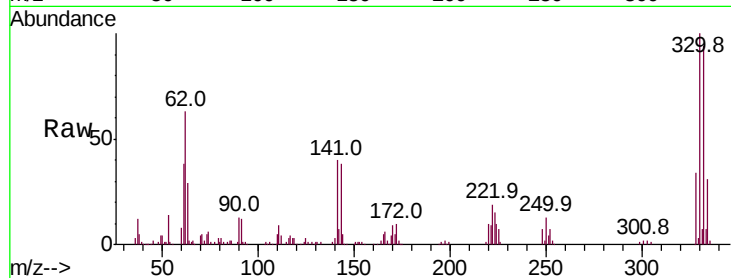




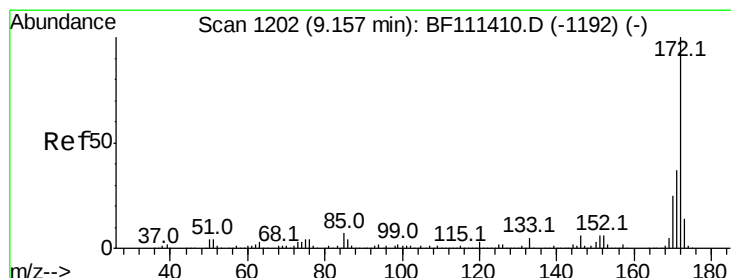
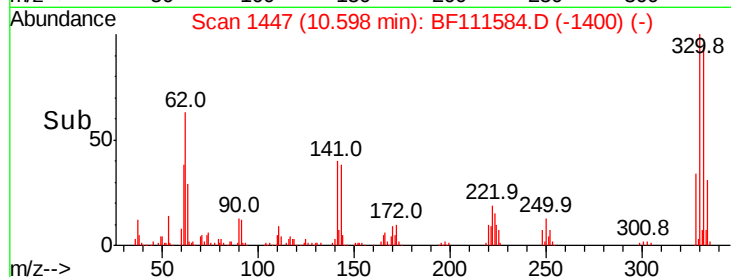
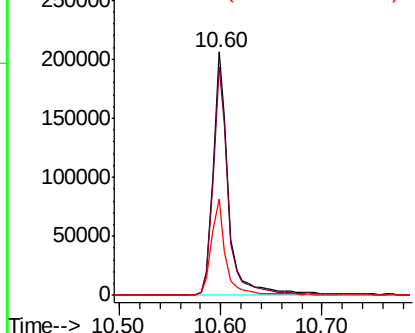
#42
 2,4,6-Tribromophenol
 Concen: 62.792 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.02 min
 Lab File: BF111584.D
 Acq: 18 Dec 2018 19:18

Instrument :
 BNA_F
 ClientSampleId :
 PB115777BL

Tot Ion:330 Resp: 217461
 Ion Ratio Lower Upper
 330 100
 332 92.8 76.0 114.0
 141 37.6 31.0 46.6

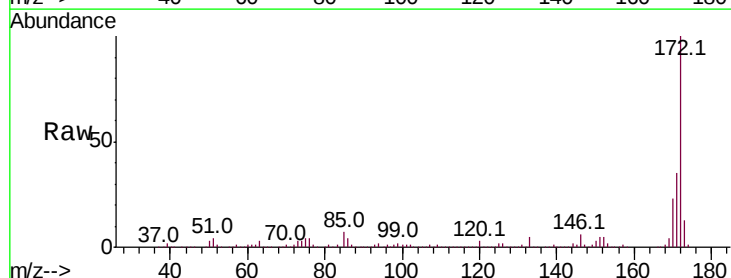


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

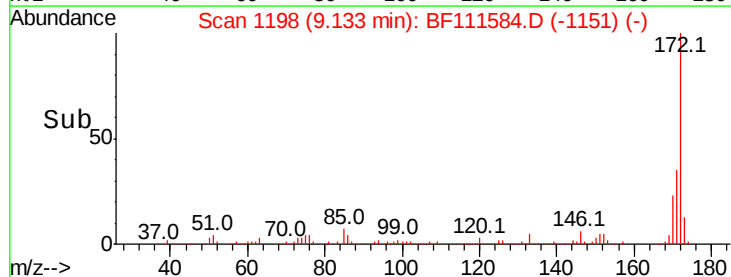
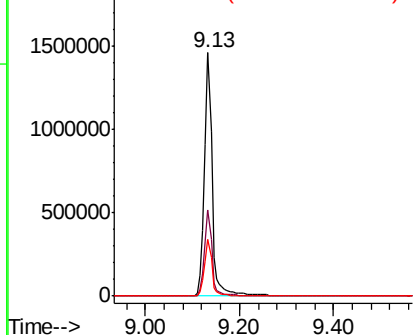


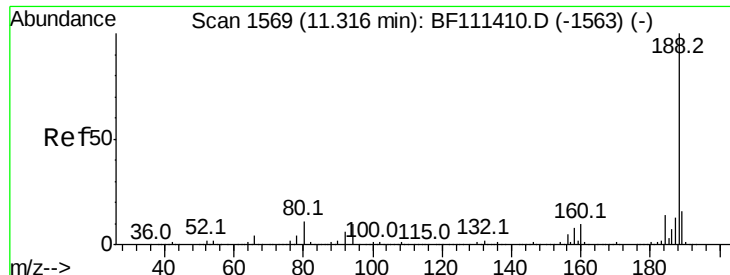
#45
 2-Fluorobiphenyl
 Concen: 66.162 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF111584.D
 Acq: 18 Dec 2018 19:18

Tgt Ion:172 Resp: 1655961
 Ion Ratio Lower Upper
 172 100
 171 35.4 33.0 49.4
 170 23.2 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

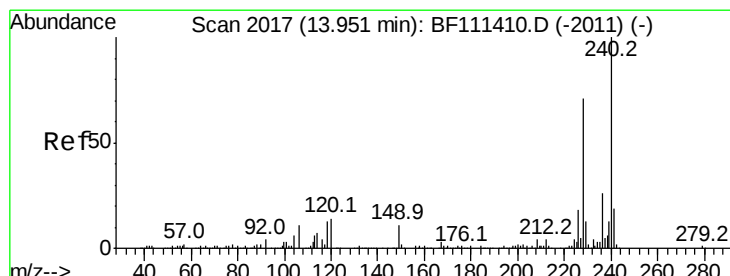
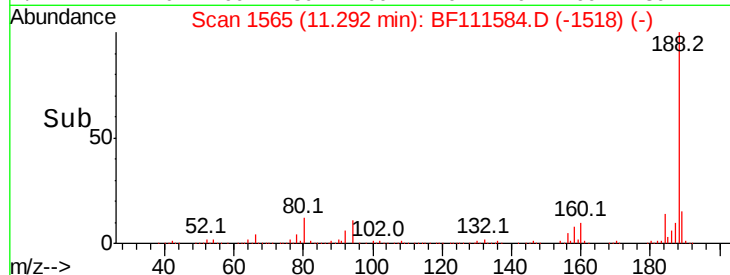
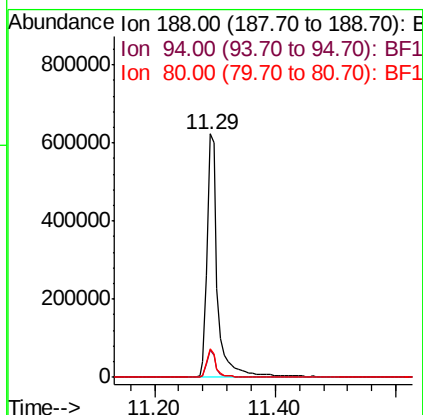
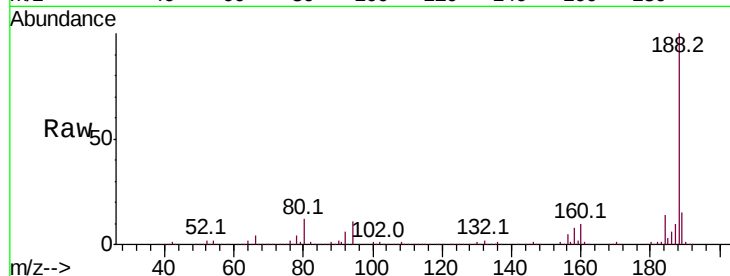




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BF111584.D
Acq: 18 Dec 2018 19:18

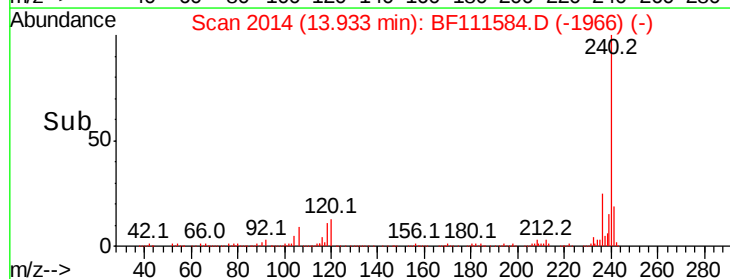
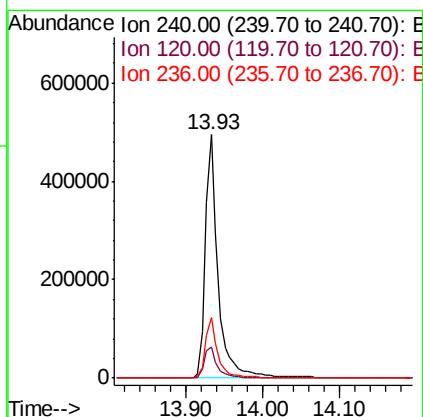
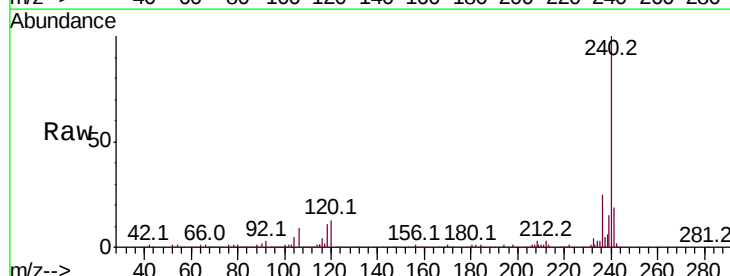
Instrument :
BNA_F
ClientSampleId :
PB115777BL

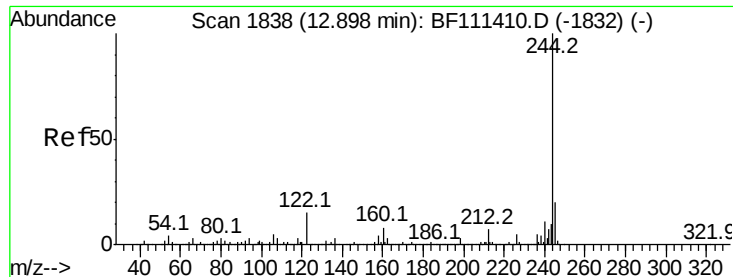
Tot Ion:188 Resp: 765001
Ion Ratio Lower Upper
188 100
94 11.2 9.6 14.4
80 11.9 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BF111584.D
Acq: 18 Dec 2018 19:18

Tgt Ion:240 Resp: 573849
Ion Ratio Lower Upper
240 100
120 12.9 12.2 18.2
236 25.1 20.2 30.2





#79

Terphenyl-d14

Concen: 67.314 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BF111584.D

Acq: 18 Dec 2018 19:18

Instrument :

BNA_F

ClientSampleId :

PB115777BL

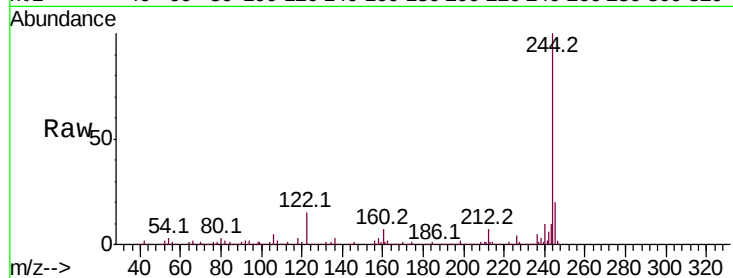
Tot Ion:244 Resp: 1644993

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	14.5	13.1	19.7

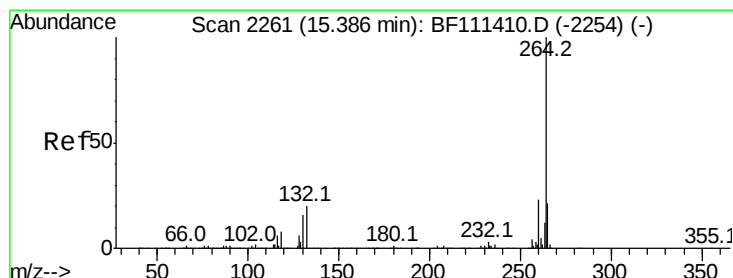
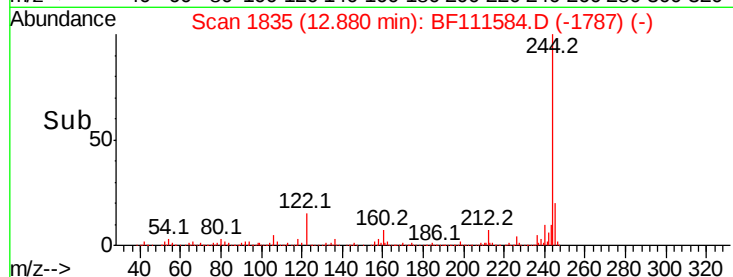
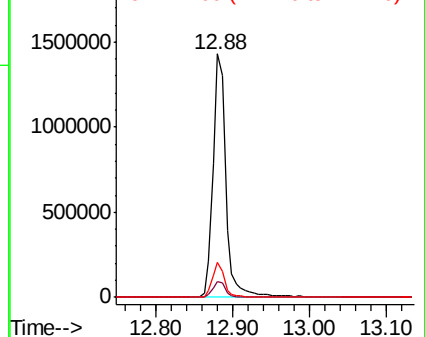
244 100

212 6.5 5.7 8.5

122 14.5 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: 15.37 min Scan# 2258

Delta R.T. -0.02 min

Lab File: BF111584.D

Acq: 18 Dec 2018 19:18

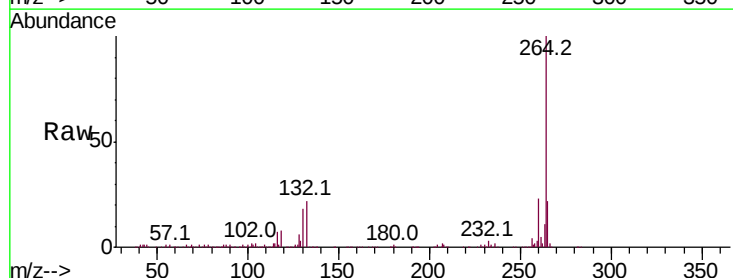
Tgt Ion:264 Resp: 418163

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.3	27.5
265	22.5	17.7	26.5

264 100

260 23.3 18.3 27.5

265 22.5 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

