

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
 Data File : BF111500.D
 Acq On : 16 Dec 2018 7:27
 Operator : JU/SJ
 Sample : PB115697TB
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115697TB

Quant Time: Dec 17 01:44:22 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	6.79	152	126211	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	449778	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	161365	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	263362	20.00	ng	0.00
76) Chrysene-d12	13.94	240	273727	20.00	ng	0.00
87) Perylene-d12	15.39	264	174788	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	788266	103.93	ng	0.00
7) Phenol-d6	6.43	99	968535	96.00	ng	0.00
23) Nitrobenzene-d5	7.35	82	574884	76.11	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	88868	61.48	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	998132	95.54	ng	0.00
79) Terphenyl-d14	12.90	244	880992	75.58	ng	0.00

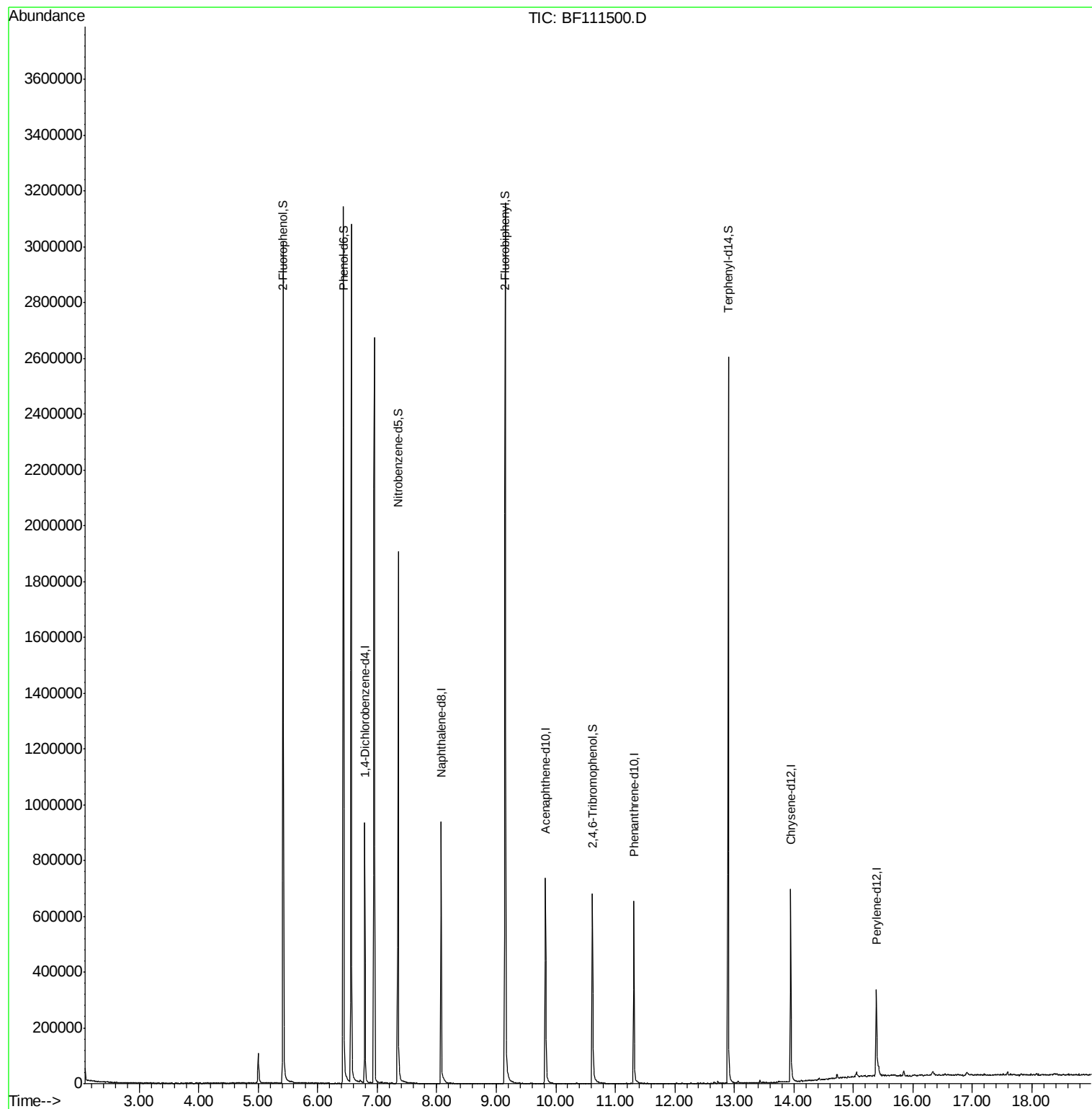
Target Compounds Qvalue

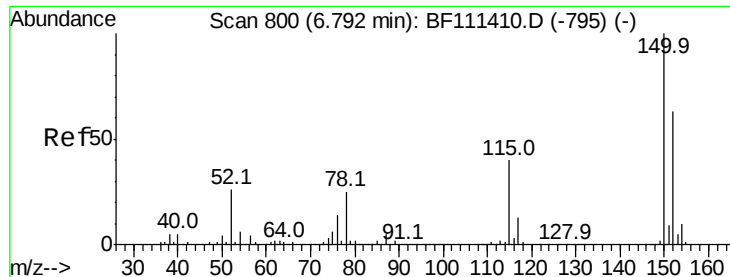
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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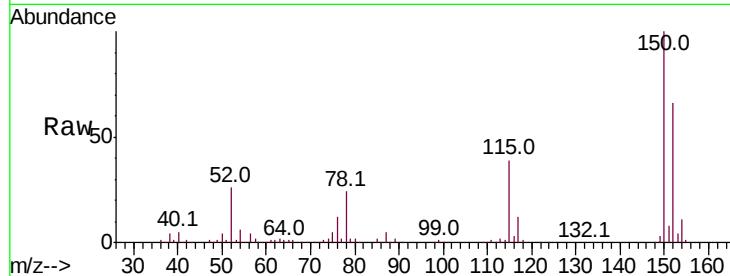


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF111500.D
Acq: 16 Dec 2018 7:27

Instrument :
BNA_F
ClientSampleId :
PB115697TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	126.6	189.8
115	60.0	50.7	76.1

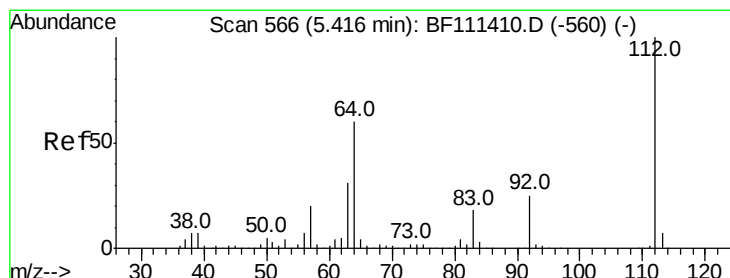
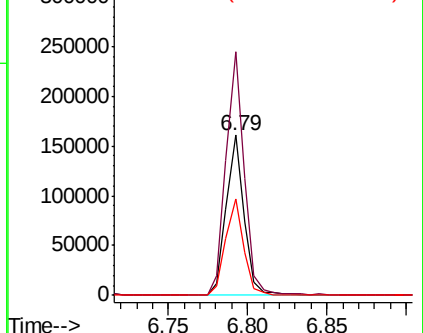
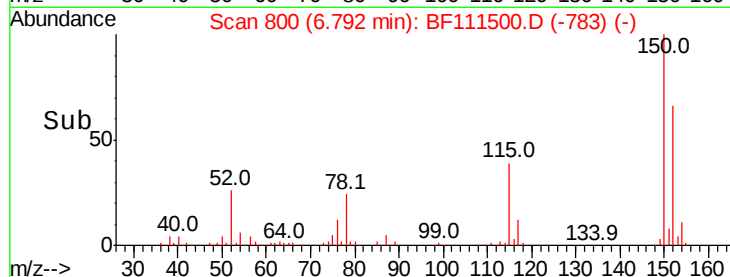


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

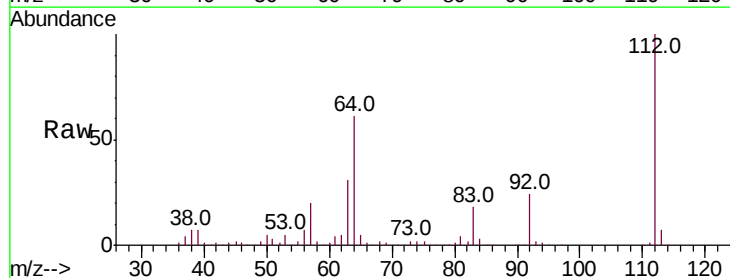
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 103.931 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111500.D
Acq: 16 Dec 2018 7:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	51.8	77.6
63	31.2	26.8	40.2

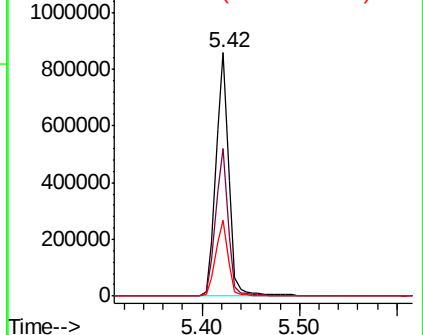
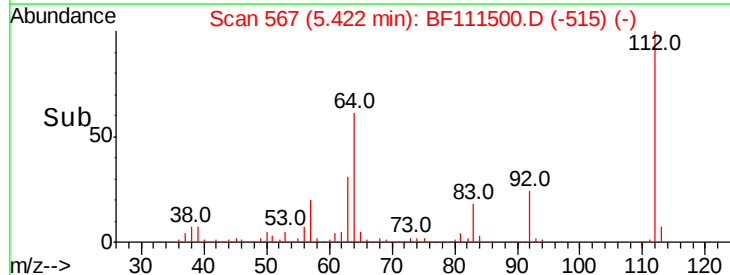


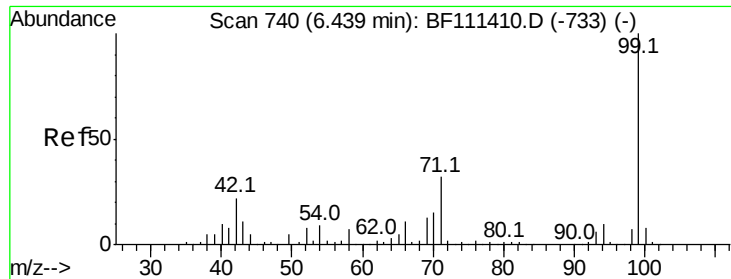
Abundance

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: 96.002 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111500.D

Acq: 16 Dec 2018 7:27

Instrument :

BNA_F

ClientSampleId :

PB115697TB

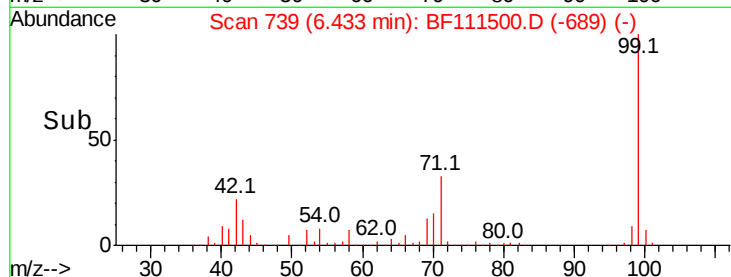
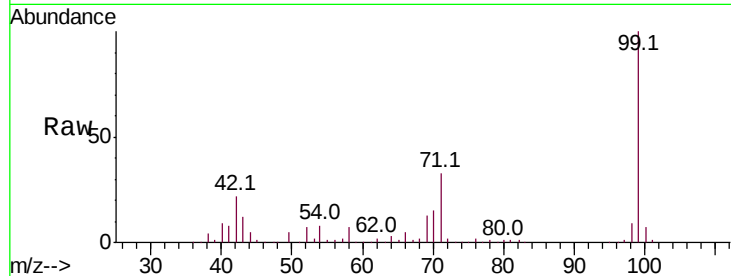
Tot Ion: 99 Resp: 968535

Ion Ratio Lower Upper

99 100

42 22.4 17.4 26.0

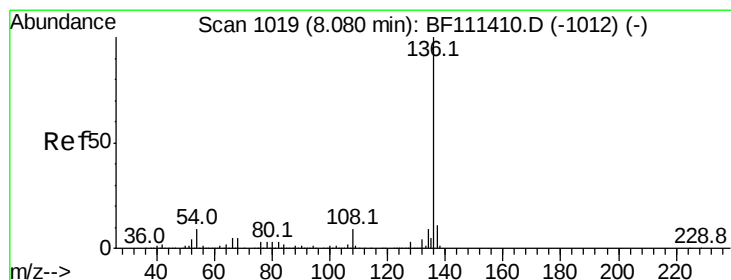
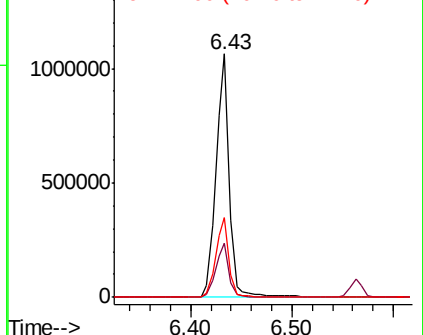
71 32.9 26.1 39.1



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: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF111500.D

Acq: 16 Dec 2018 7:27

Tgt Ion: 136 Resp: 449778

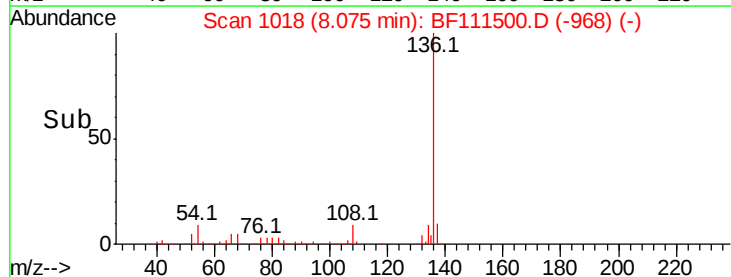
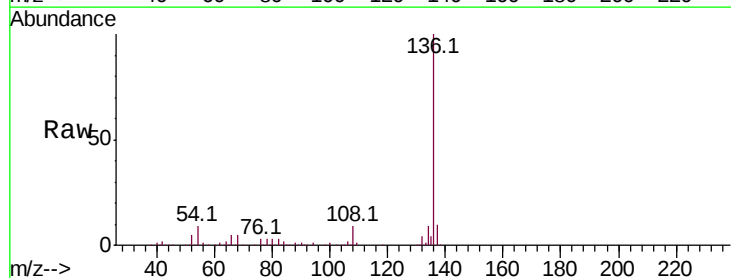
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 8.7 7.7 11.5

68 4.6 4.9 7.3#

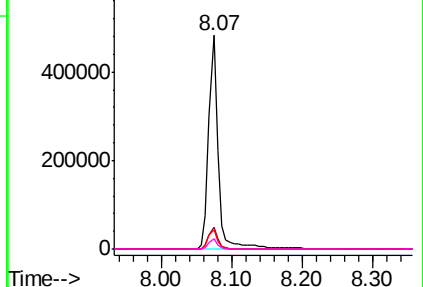


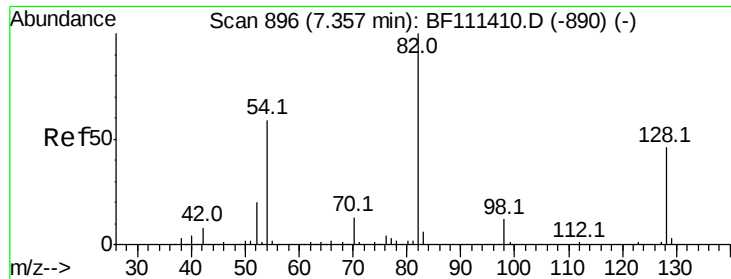
Abundance Ion 136.00 (135.70 to 136.70): E

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

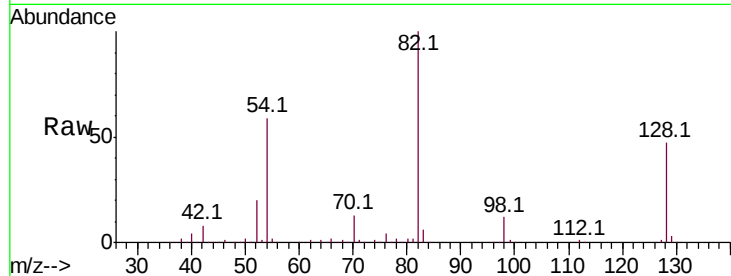




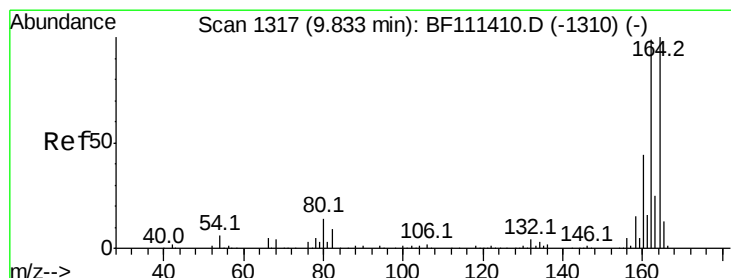
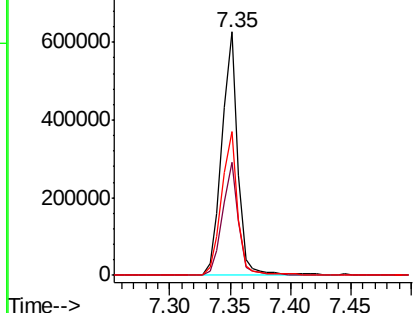
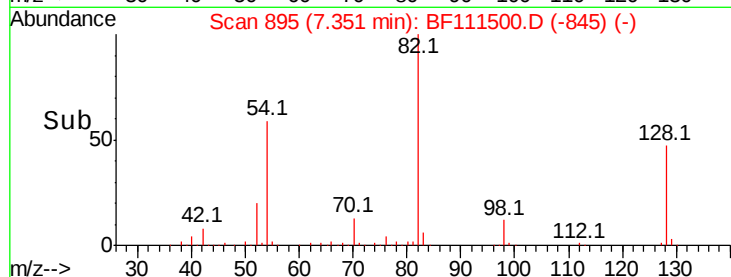
#23
Nitrobenzene-d5
Concen: 76.112 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111500.D
Acq: 16 Dec 2018 7:27

Instrument :
BNA_F
ClientSampleId :
PB115697TB

Tot Ion: 82 Resp: 574884
Ion Ratio Lower Upper
82 100
128 46.7 37.4 56.2
54 58.9 47.6 71.4

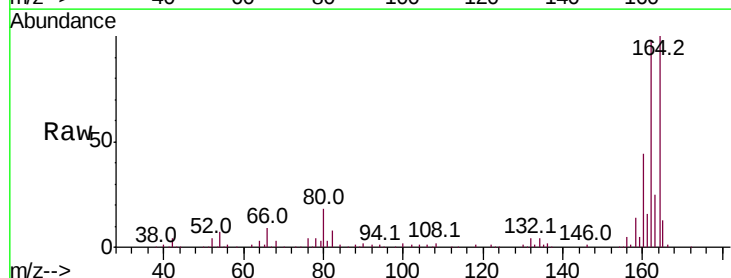


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

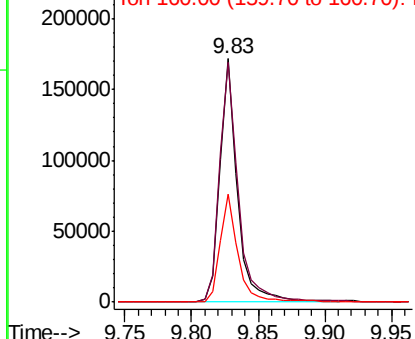
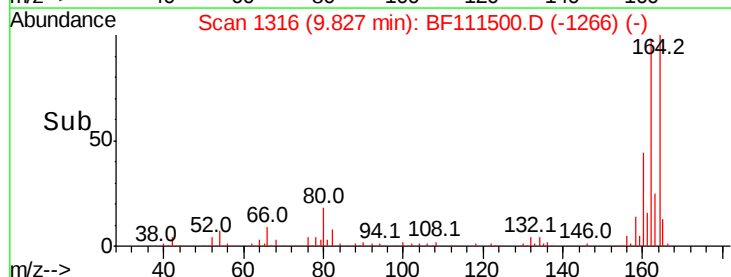


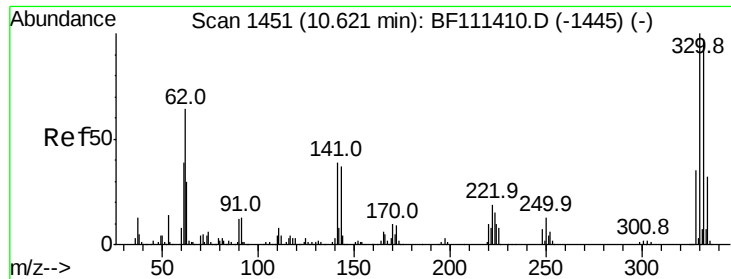
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111500.D
Acq: 16 Dec 2018 7:27

Tgt Ion:164 Resp: 161365
Ion Ratio Lower Upper
164 100
162 98.2 81.4 122.0
160 44.3 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: 61.480 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111500.D

Acq: 16 Dec 2018 7:27

Instrument :

BNA_F

ClientSampleId :

PB115697TB

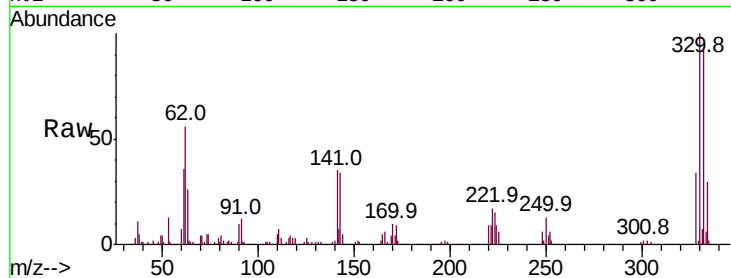
Tot Ion:330 Resp: 88868

Ion Ratio Lower Upper

330 100

332 94.7 76.0 114.0

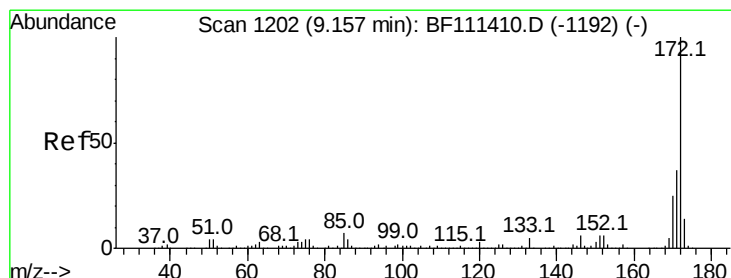
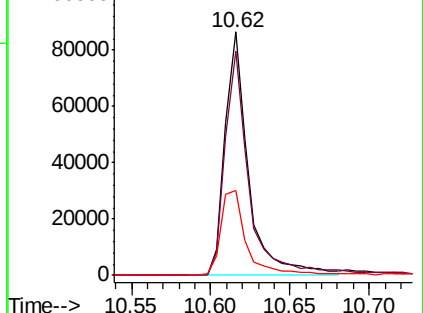
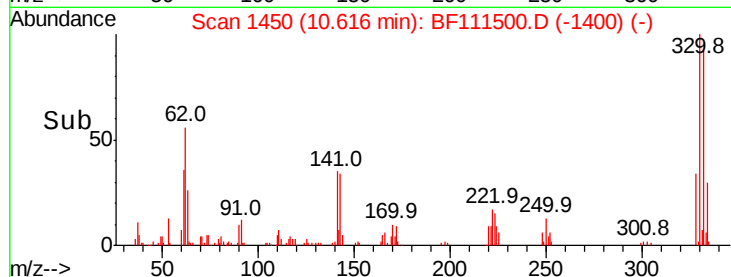
141 39.3 31.0 46.6



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: 95.544 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF111500.D

Acq: 16 Dec 2018 7:27

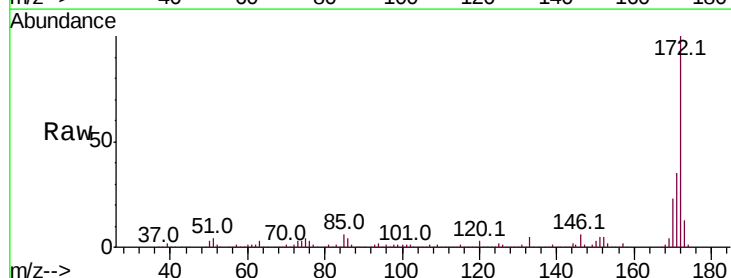
Tgt Ion:172 Resp: 998132

Ion Ratio Lower Upper

172 100

171 35.0 33.0 49.4

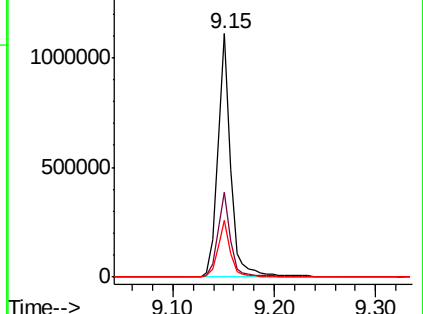
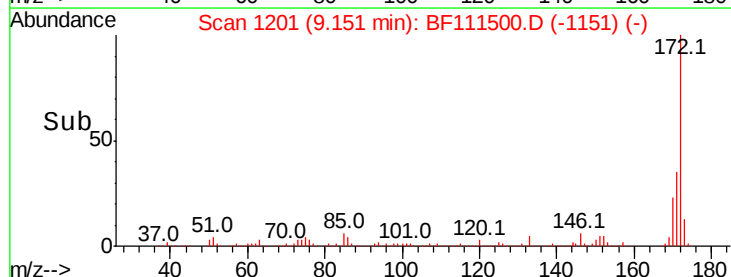
170 23.1 22.3 33.5

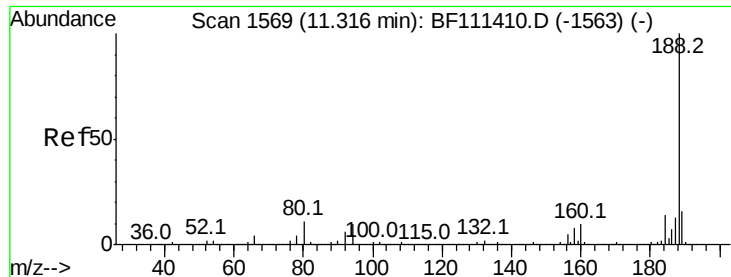


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF111500.D

Acq: 16 Dec 2018 7:27

Instrument :

BNA_F

ClientSampleId :

PB115697TB

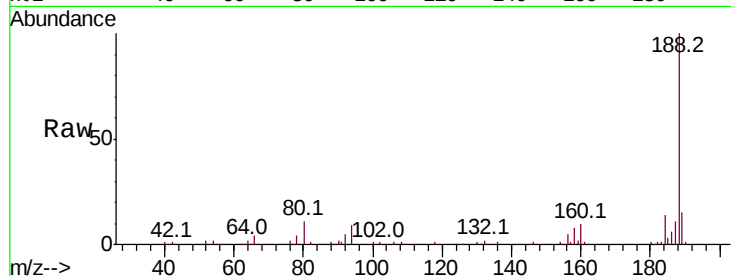
Tot Ion:188 Resp: 263362

Ion Ratio Lower Upper

188 100

94 9.5 9.6 14.4#

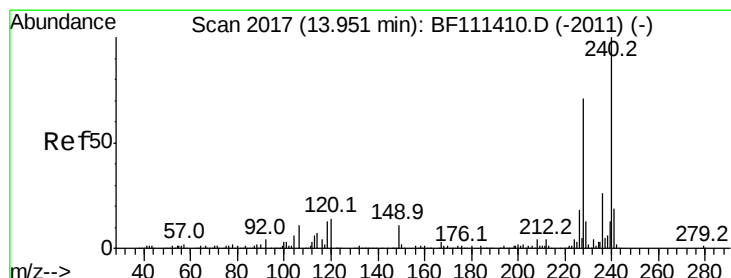
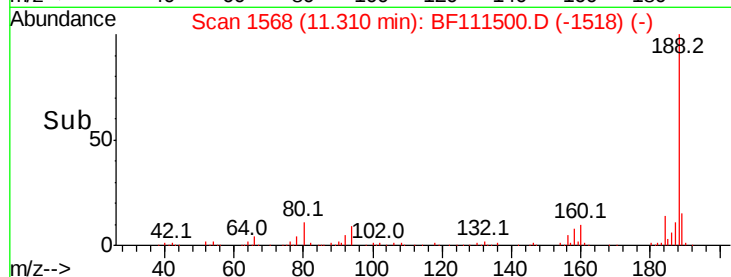
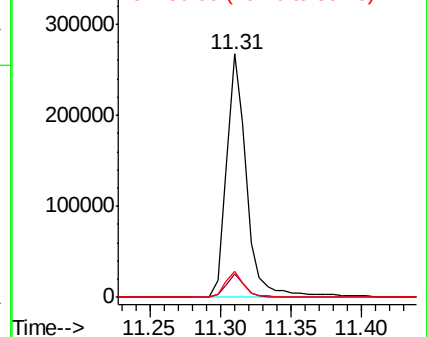
80 10.9 9.8 14.6



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: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF111500.D

Acq: 16 Dec 2018 7:27

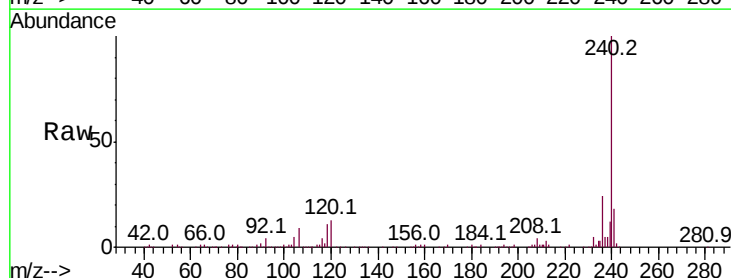
Tgt Ion:240 Resp: 273727

Ion Ratio Lower Upper

240 100

120 12.8 12.2 18.2

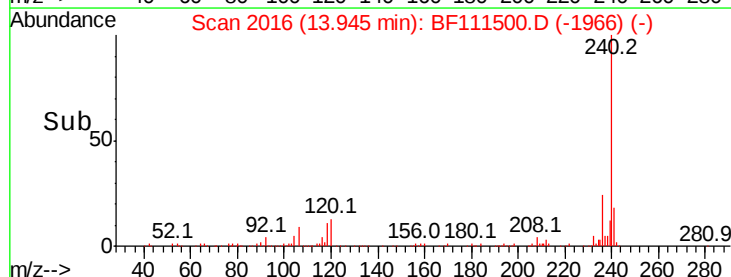
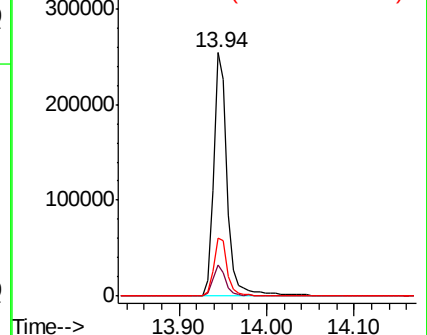
236 23.9 20.2 30.2

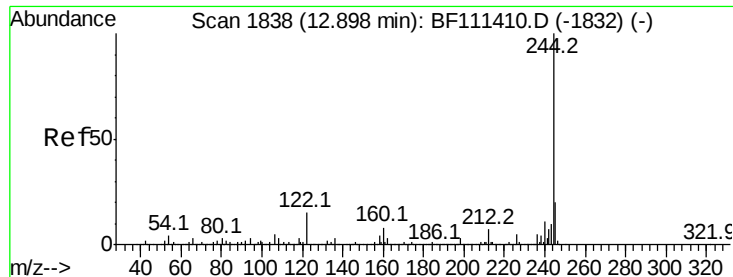


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 75.578 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF111500.D

Acq: 16 Dec 2018 7:27

Instrument :

BNA_F

ClientSampleId :

PB115697TB

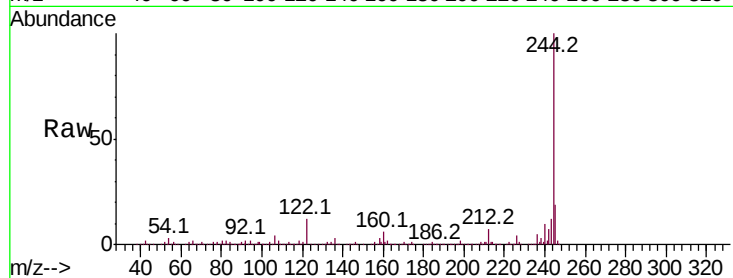
Tot Ion:244 Resp: 880992

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

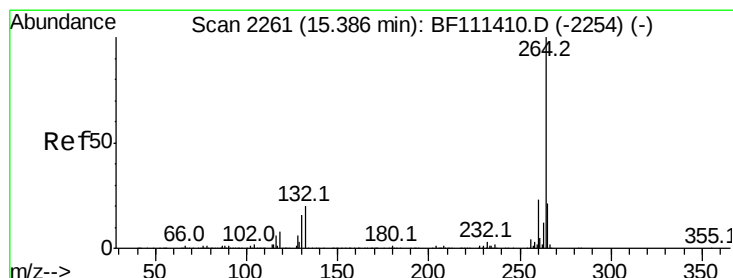
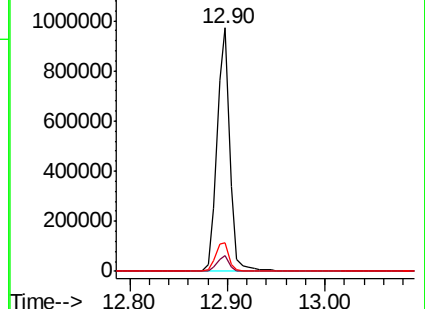
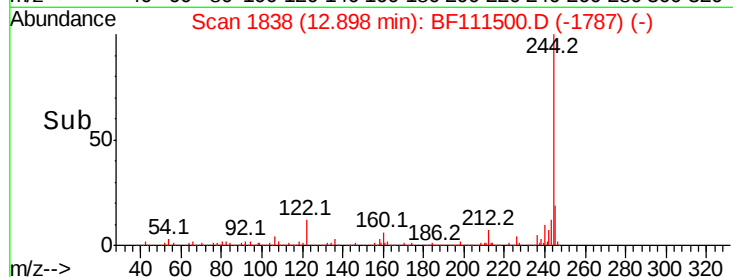
122 11.6 13.1 19.7#



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# 2261

Delta R.T. -0.00 min

Lab File: BF111500.D

Acq: 16 Dec 2018 7:27

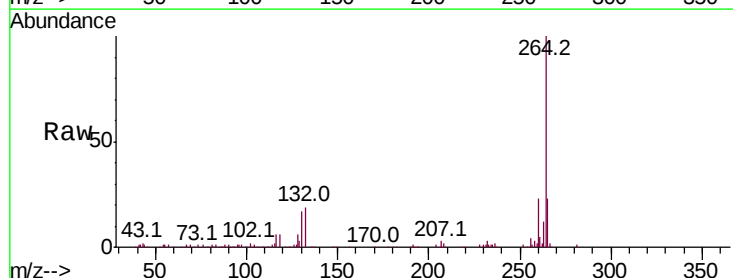
Tgt Ion:264 Resp: 174788

Ion Ratio Lower Upper

264 100

260 22.6 18.3 27.5

265 23.2 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

