

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
 Data File : BF101682.D
 Acq On : 23 Dec 2017 5:27
 Operator : SJ/JU
 Sample : I6683-08
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-122017-A

Quant Time: Dec 23 06:00:22 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 16:07:58 2017
 Response via : Initial Calibration

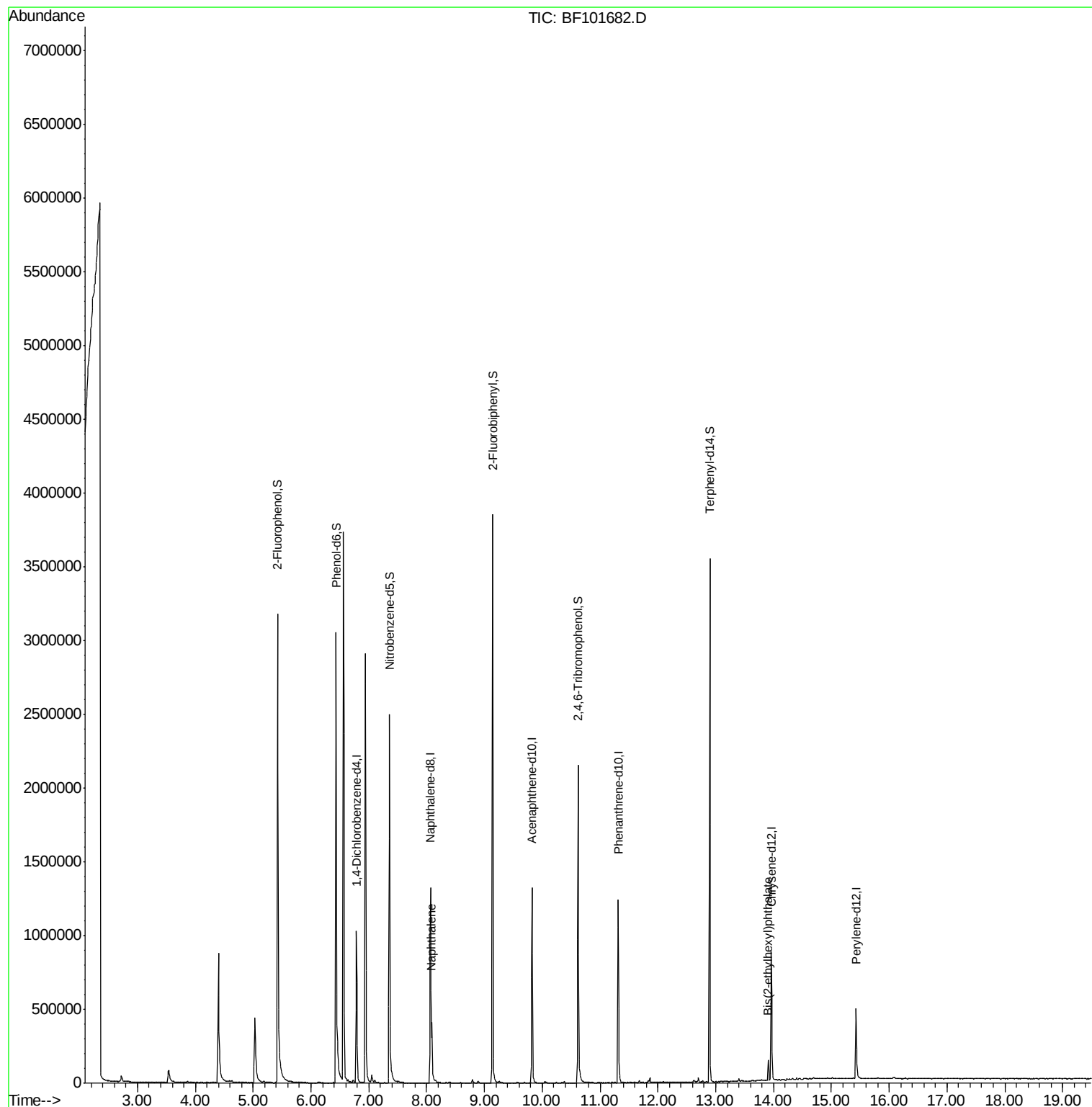
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	157450	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	605288	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	250637	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	461019	20.00	ng	0.00
75) Chrysene-d12	13.96	240	312150	20.00	ng	0.00
86) Perylene-d12	15.43	264	239174	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1134904	107.37	ng	0.02
7) Phenol-d6	6.43	99	1287201	97.85	ng	0.00
23) Nitrobenzene-d5	7.36	82	924139	84.99	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	320555	132.73	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1470442	91.01	ng	0.00
78) Terphenyl-d14	12.90	244	1276146	98.56	ng	0.00
Target Compounds						
31) Naphthalene	8.09	128	230740	7.572	ng	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	37029	2.758	ng	98

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

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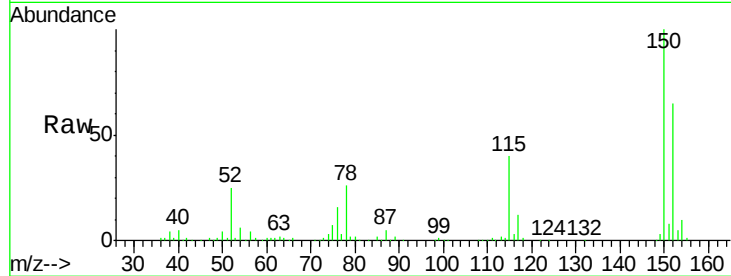


#1

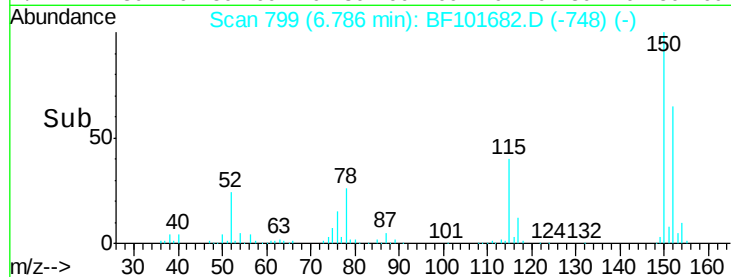
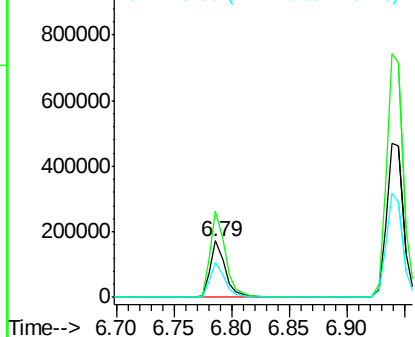
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101682.D
Acq: 23 Dec 2017 5:27

Instrument :
BNA_F
ClientSampleId :
EO-02-122017-A

Tgt Ion:152 Resp: 157450
Ion Ratio Lower Upper
152 100
150 153.7 124.6 186.8
115 61.2 50.1 75.1



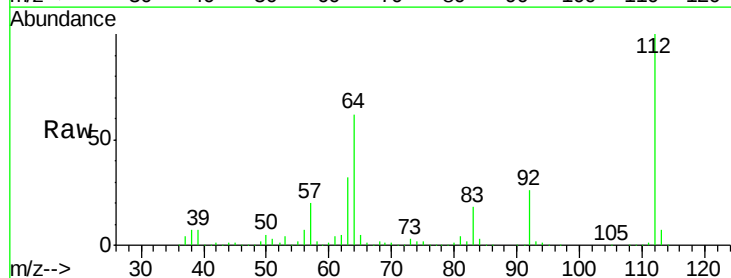
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



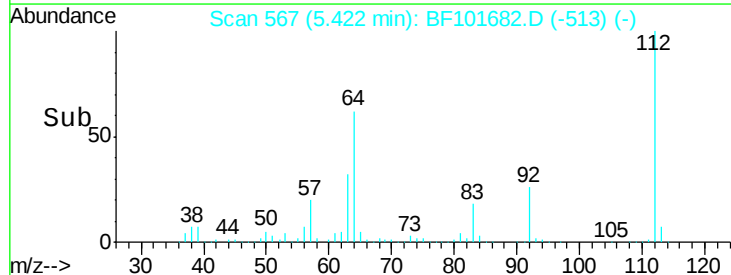
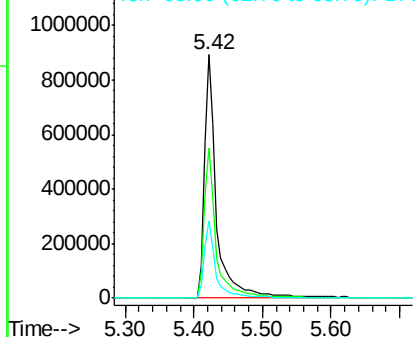
#5

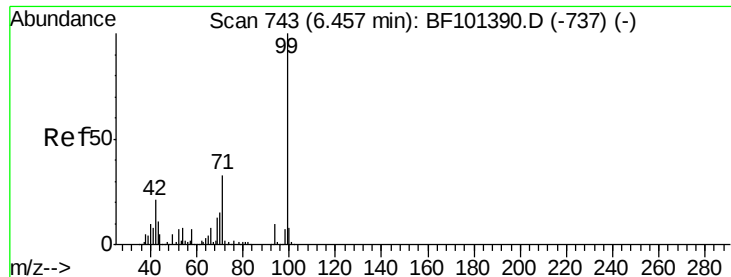
2-Fluorophenol
Concen: 107.369 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BF101682.D
Acq: 23 Dec 2017 5:27

Tgt Ion:112 Resp: 1134904
Ion Ratio Lower Upper
112 100
64 61.8 47.9 71.9
63 32.0 23.7 35.5



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: 97.850 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF101682.D

Acq: 23 Dec 2017 5:27

Instrument :

BNA_F

ClientSampleId :

EO-02-122017-A

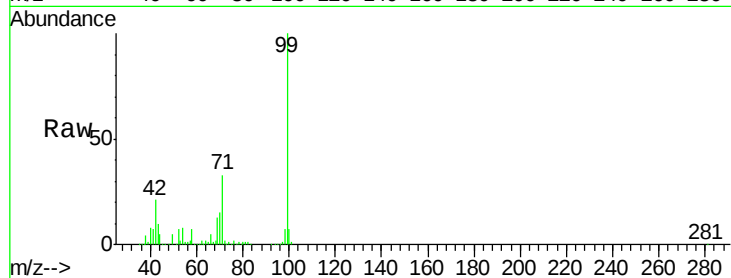
Tgt Ion: 99 Resp: 1287201

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

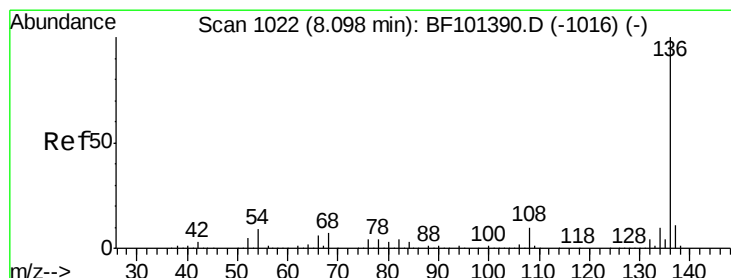
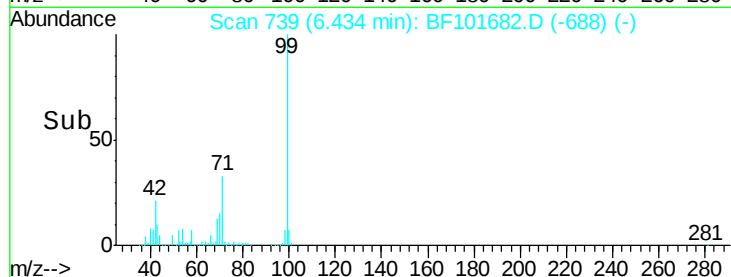
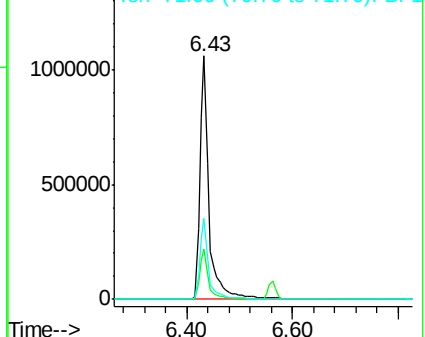
71 33.2 25.4 38.0



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# 1017

Delta R.T. 0.00 min

Lab File: BF101682.D

Acq: 23 Dec 2017 5:27

Tgt Ion: 136 Resp: 605288

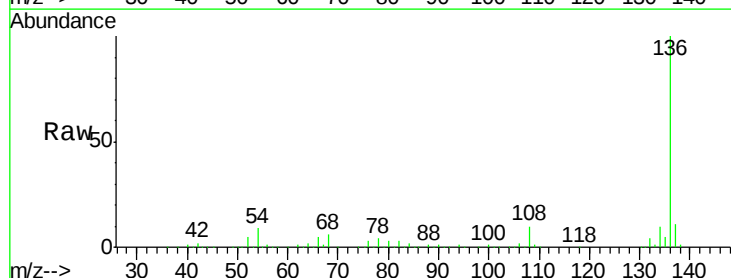
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.3 6.6 9.8

68 6.5 5.0 7.4

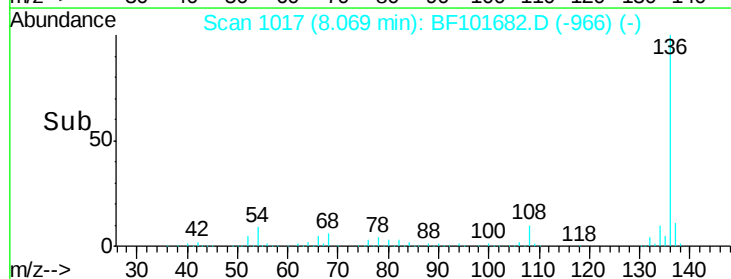
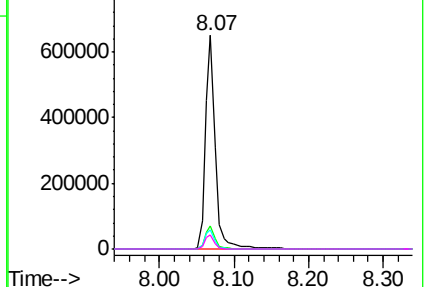


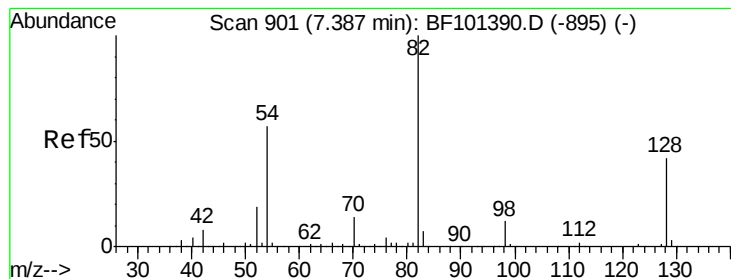
Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.989 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF101682.D

Acq: 23 Dec 2017 5:27

Instrument :

BNA_F

ClientSampleId :

EO-02-122017-A

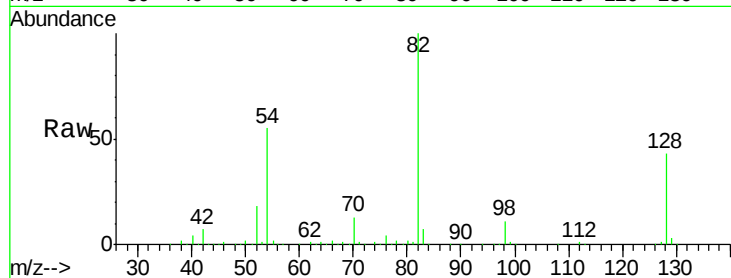
Tgt Ion: 82 Resp: 924139

Ion Ratio Lower Upper

82 100

128 43.3 36.1 54.1

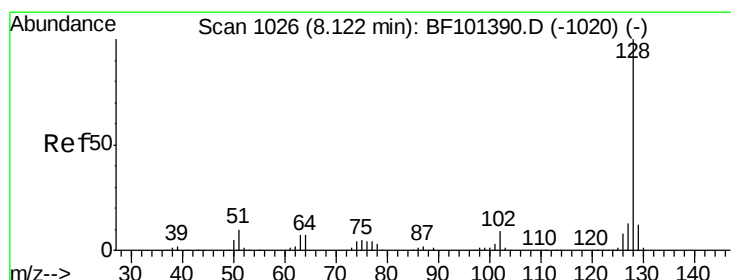
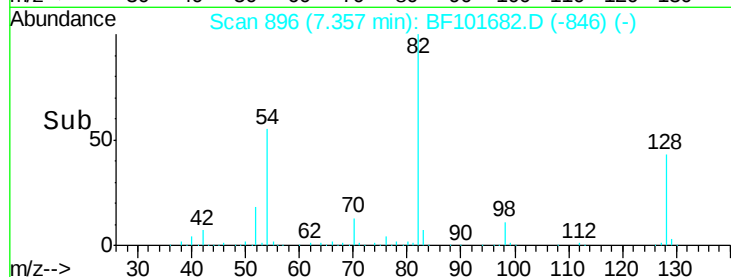
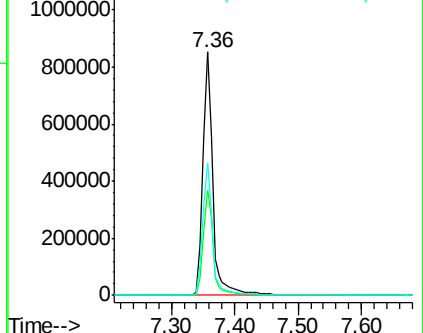
54 54.5 41.4 62.2



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



#31

Naphthalene

Concen: 7.572 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF101682.D

Acq: 23 Dec 2017 5:27

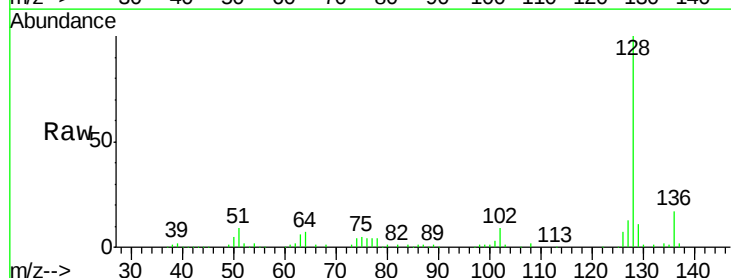
Tgt Ion: 128 Resp: 230740

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

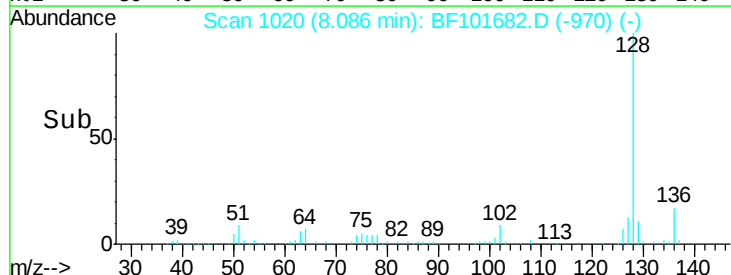
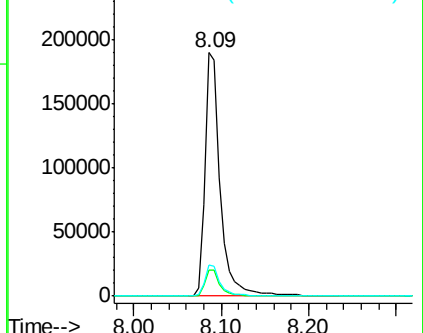
127 13.0 10.9 16.3

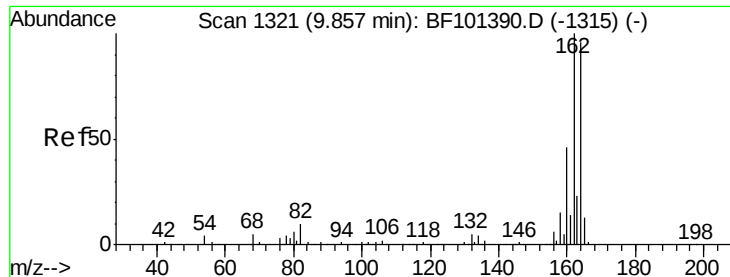


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF101682.D

Acq: 23 Dec 2017 5:27

Instrument :

BNA_F

ClientSampleId :

EO-02-122017-A

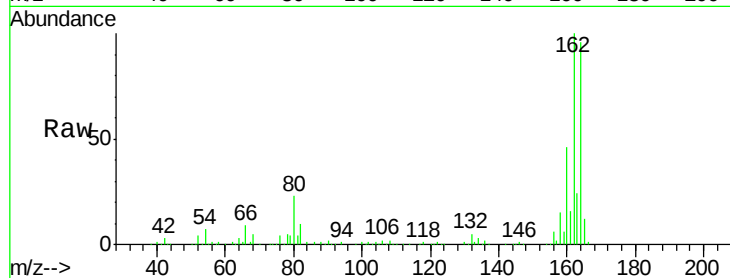
Tgt Ion:164 Resp: 250637

Ion Ratio Lower Upper

164 100

162 103.9 86.1 129.1

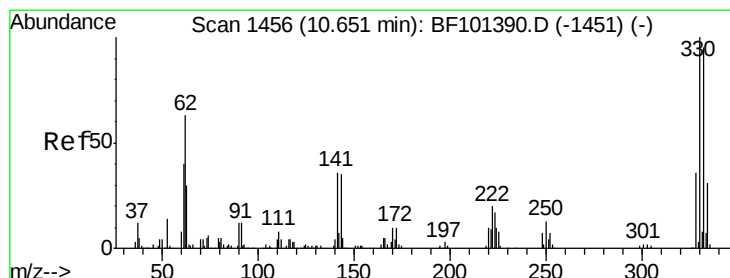
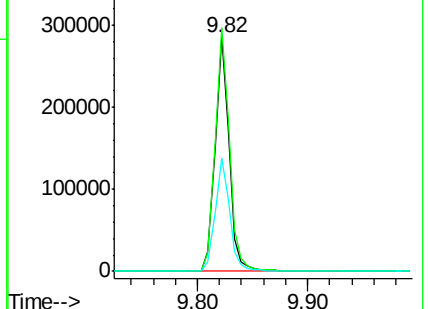
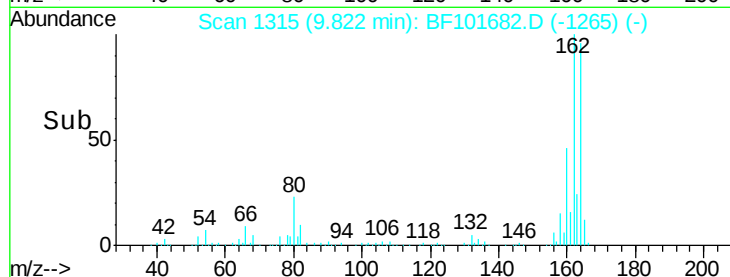
160 48.3 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 132.730 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF101682.D

Acq: 23 Dec 2017 5:27

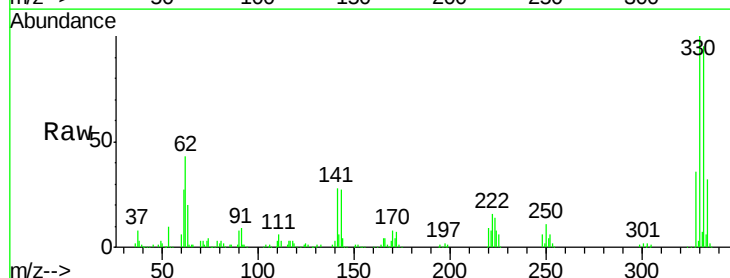
Tgt Ion:330 Resp: 320555

Ion Ratio Lower Upper

330 100

332 95.1 77.0 115.6

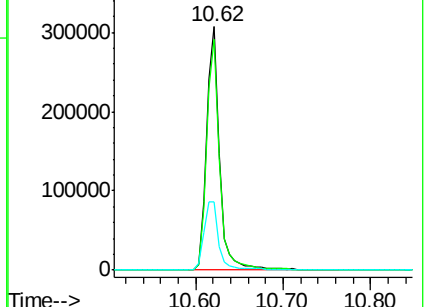
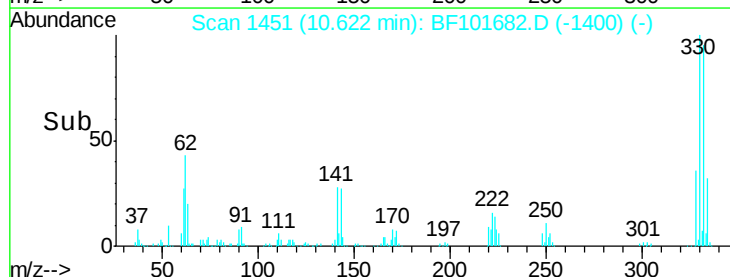
141 32.2 29.9 44.9

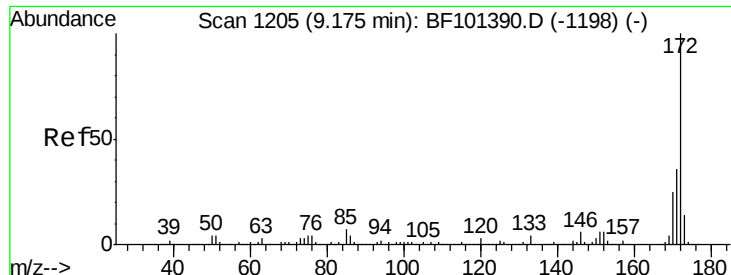


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

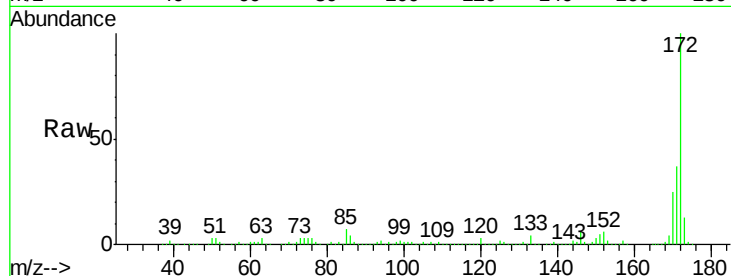




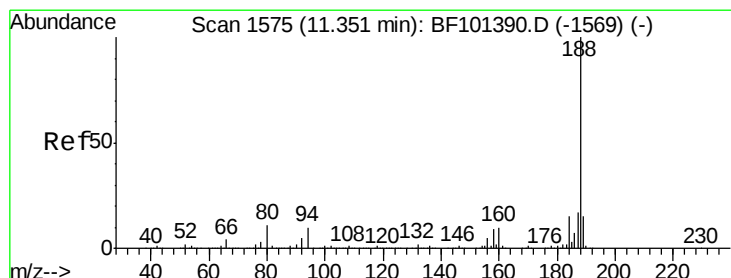
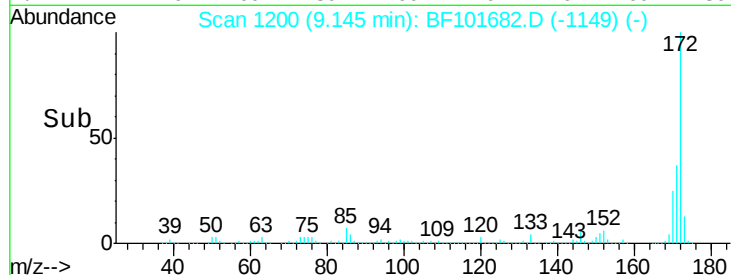
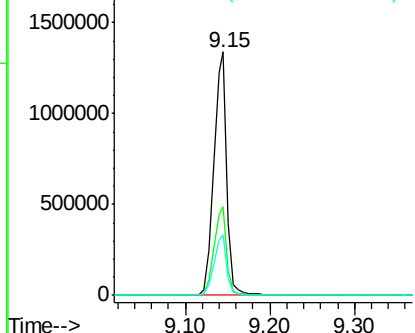
#44
 2-Fluorobiphenyl
 Concen: 91.009 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF101682.D
 Acq: 23 Dec 2017 5:27

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-122017-A

Tgt Ion:172 Resp: 1470442
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.6 19.6 29.4

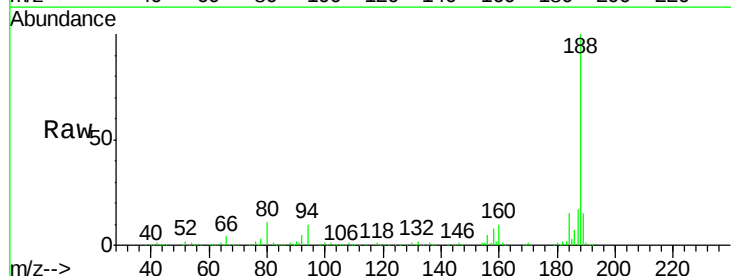


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

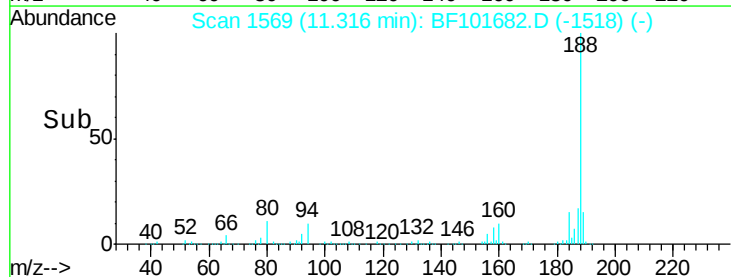
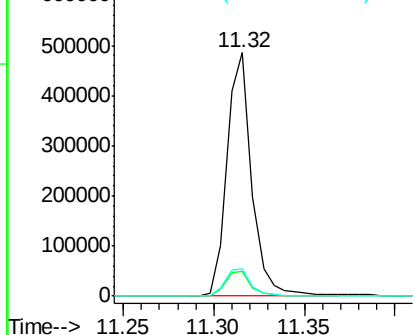


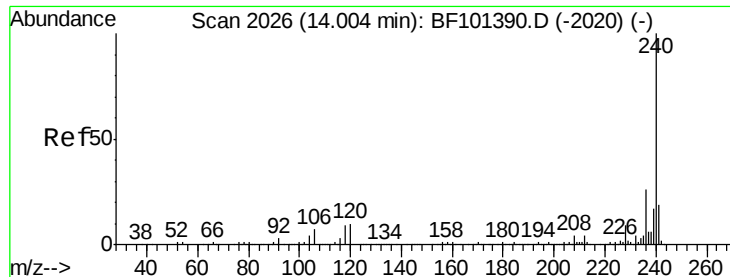
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: BF101682.D
 Acq: 23 Dec 2017 5:27

Tgt Ion:188 Resp: 461019
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.5 12.7
 80 11.0 9.2 13.8



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF101682.D

Acq: 23 Dec 2017 5:27

Instrument :

BNA_F

ClientSampleId :

EO-02-122017-A

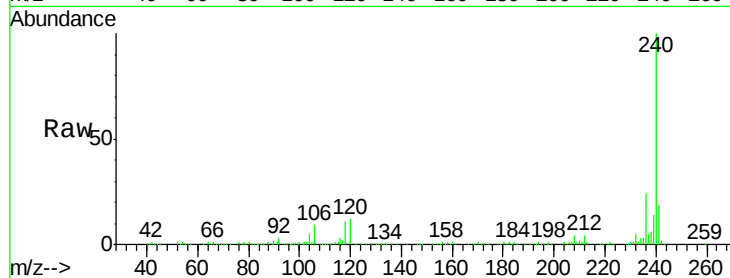
Tgt Ion:240 Resp: 312150

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

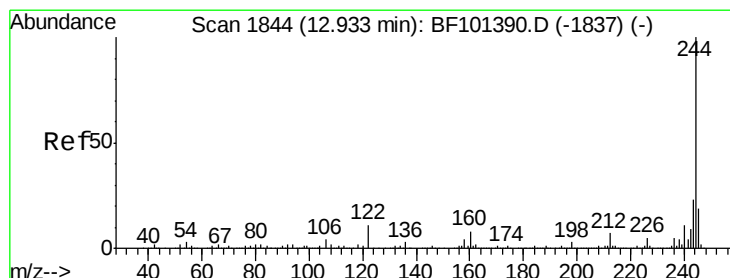
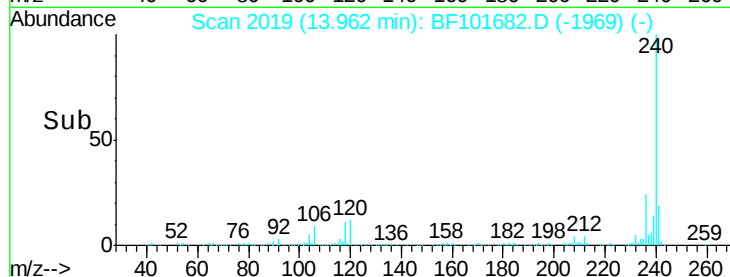
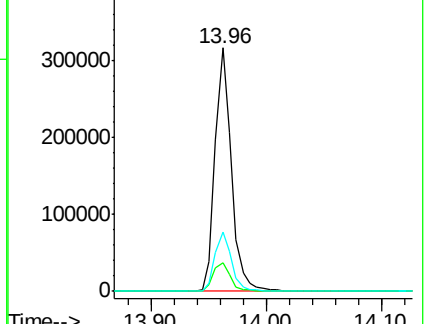
236 24.3 20.7 31.1



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



#78

Terphenyl-d14

Concen: 98.558 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF101682.D

Acq: 23 Dec 2017 5:27

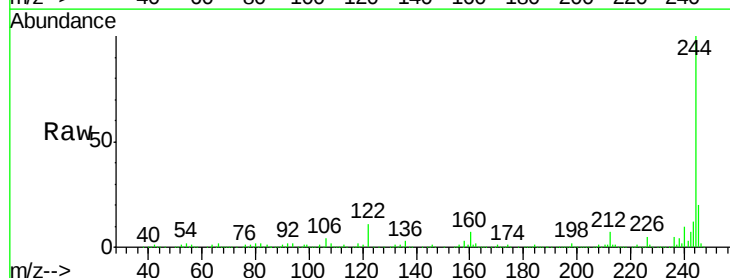
Tgt Ion:244 Resp: 1276146

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

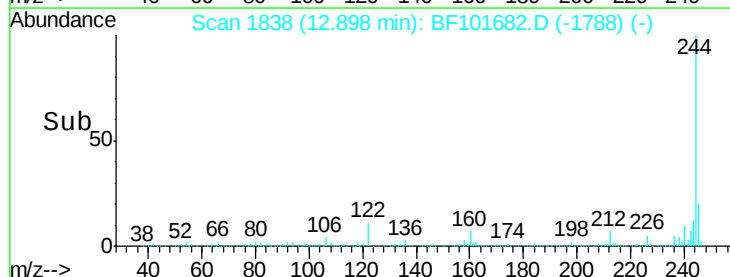
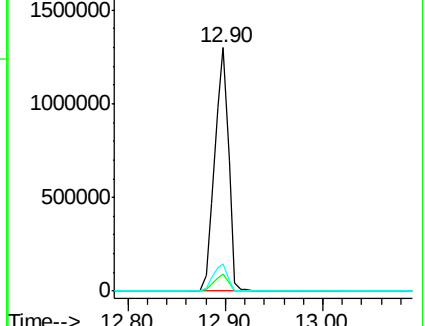
122 11.0 11.0 16.4

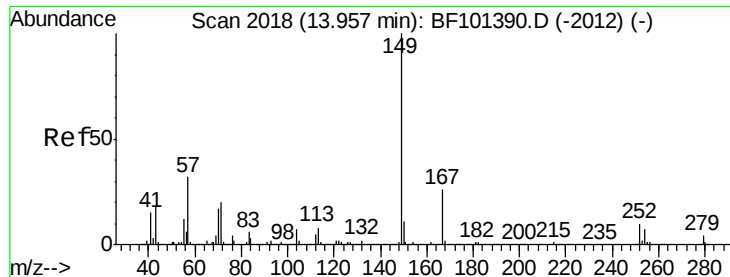


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

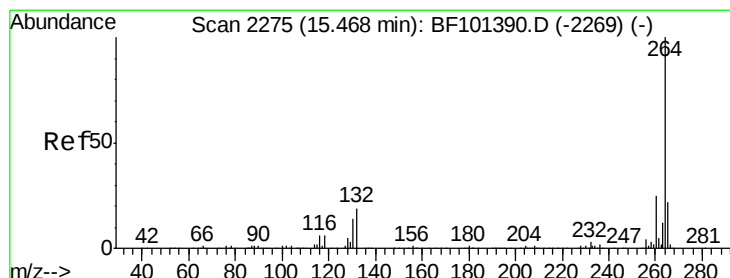
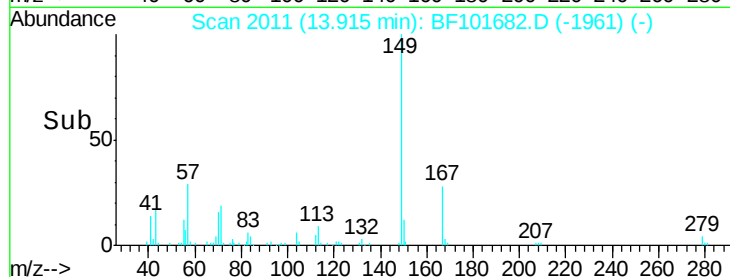
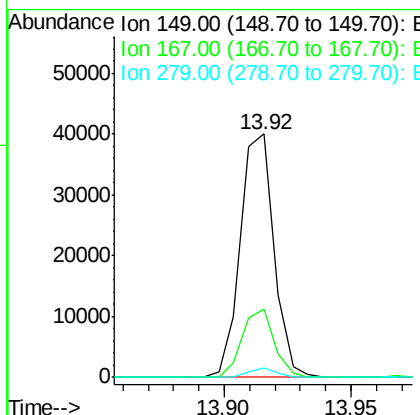
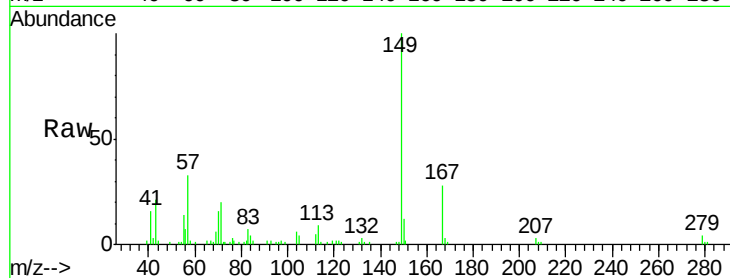




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.758 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF101682.D
 Acq: 23 Dec 2017 5:27

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-122017-A

Tgt Ion:149 Resp: 37029
 Ion Ratio Lower Upper
 149 100
 167 27.9 21.3 31.9
 279 3.8 3.0 4.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: BF101682.D
 Acq: 23 Dec 2017 5:27

Tgt Ion:264 Resp: 239174
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.2 28.8
 265 21.4 17.5 26.3

