

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
 Data File : BF101110.D
 Acq On : 4 Dec 2017 20:42
 Operator : SJ/JU
 Sample : I6671-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-106-1(5-10)

Quant Time: Dec 05 02:30:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

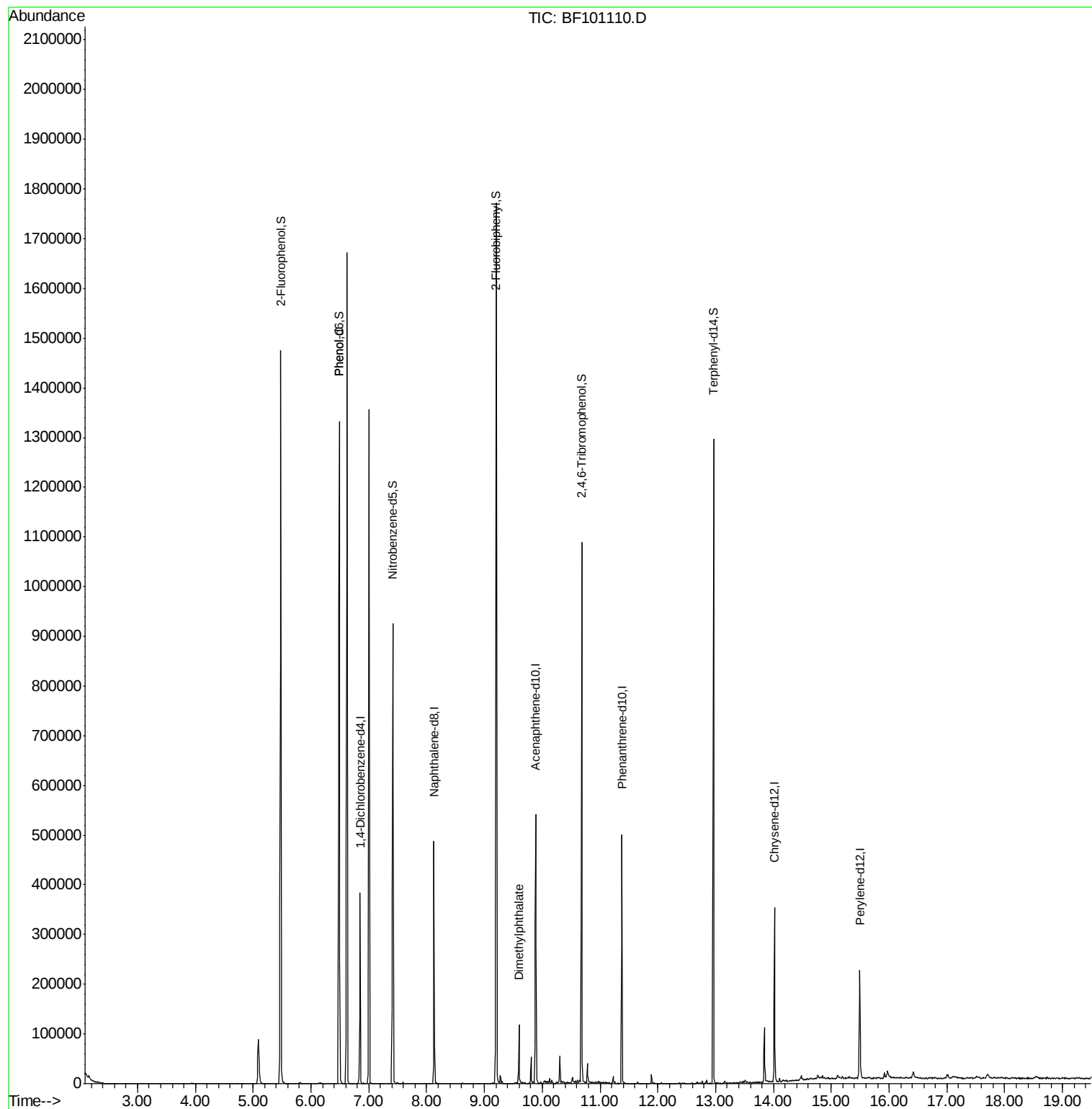
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	57742	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	221166	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	99421	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	168582	20.00	ng	0.00
75) Chrysene-d12	14.02	240	123333	20.00	ng	0.00
86) Perylene-d12	15.49	264	105583	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	449327	128.59	ng	0.02
7) Phenol-d6	6.49	99	552726	130.28	ng	0.01
23) Nitrobenzene-d5	7.42	82	337013	90.90	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	132096	110.60	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	649594	89.39	ng	0.00
78) Terphenyl-d14	12.96	244	457113	81.07	ng	0.00
Target Compounds						
10) Phenol	6.50	94	23732	5.03	ng	91
49) Dimethylphthalate	9.60	163	47225	5.89	ng	99

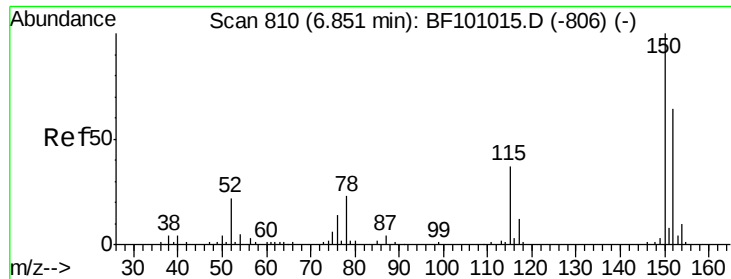
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF101110.D

Acq: 4 Dec 2017 20:42

Instrument :

BNA_F

ClientSampleId :

ENV-106-1(5-10)

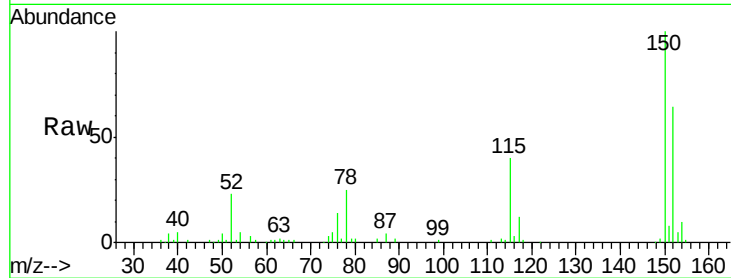
Tot Ion:152 Resp: 57742

Ion Ratio Lower Upper

152 100

150 155.8 124.6 186.8

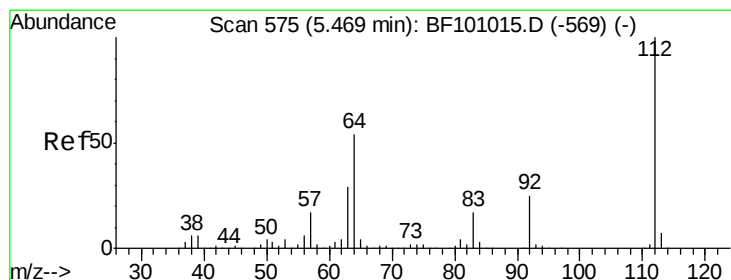
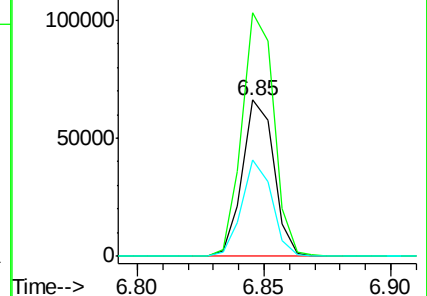
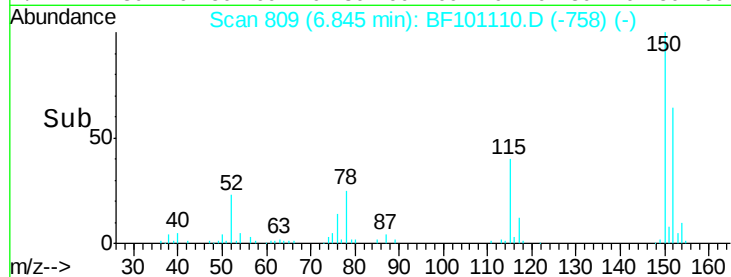
115 62.0 50.1 75.1



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: 128.59 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.02 min

Lab File: BF101110.D

Acq: 4 Dec 2017 20:42

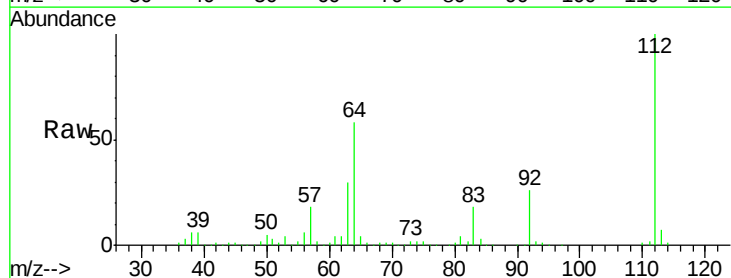
Tgt Ion:112 Resp: 449327

Ion Ratio Lower Upper

112 100

64 58.0 47.9 71.9

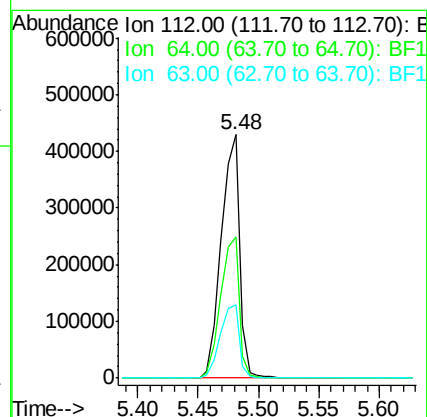
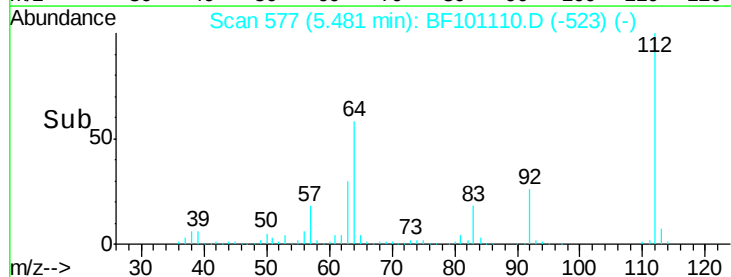
63 30.2 23.7 35.5



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: 130.28 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF101110.D

Acq: 4 Dec 2017 20:42

Instrument :

BNA_F

ClientSampleId :

ENV-106-1(5-10)

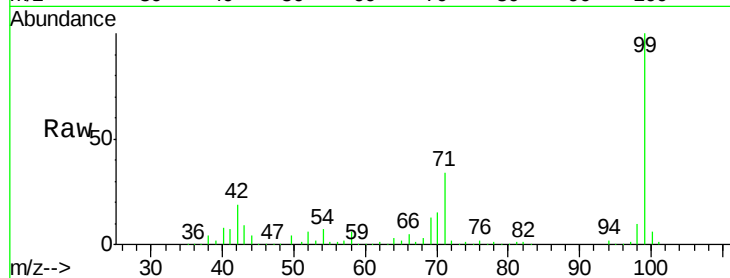
Tot Ion: 99 Resp: 552726

Ion Ratio Lower Upper

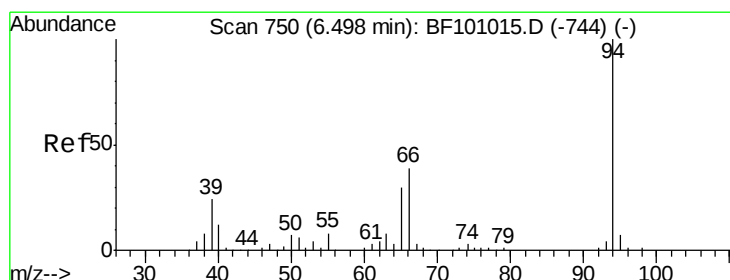
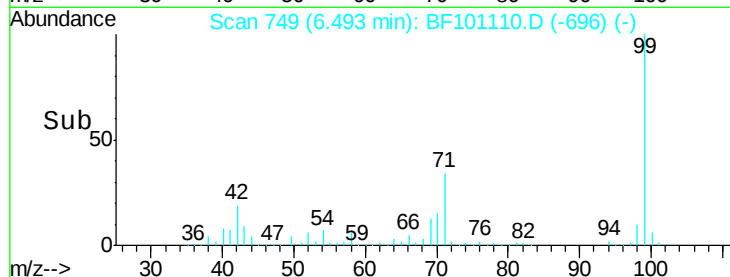
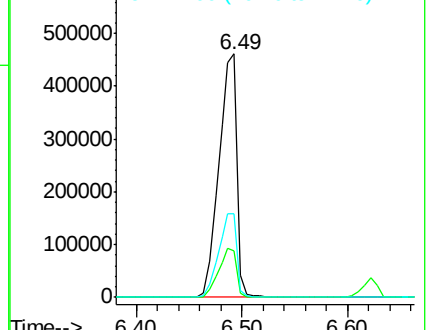
99 100

42 19.0 14.5 21.7

71 34.3 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



#10

Phenol

Concen: 5.03 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF101110.D

Acq: 4 Dec 2017 20:42

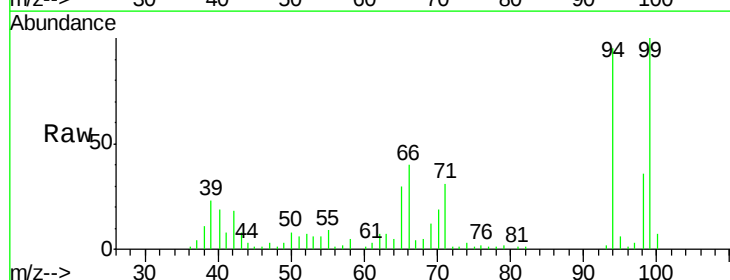
Tgt Ion: 94 Resp: 23732

Ion Ratio Lower Upper

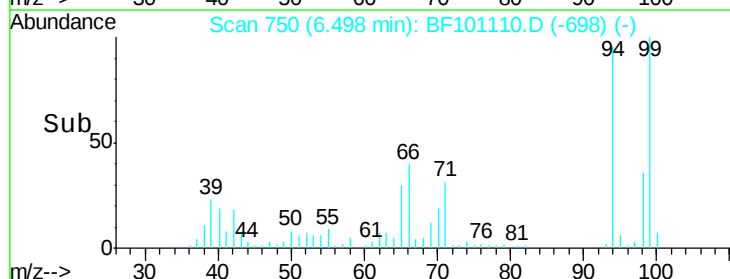
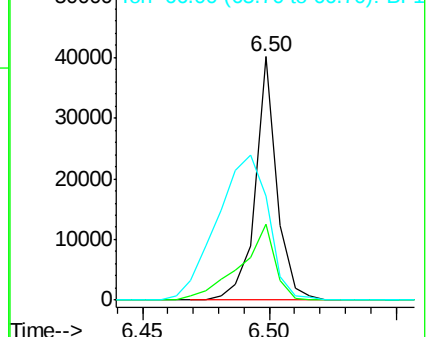
94 100

65 31.3 7.9 47.9

66 42.6 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

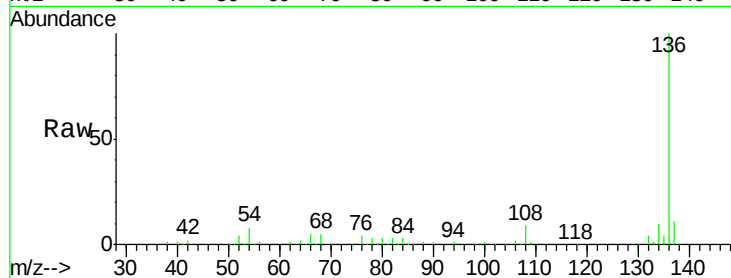




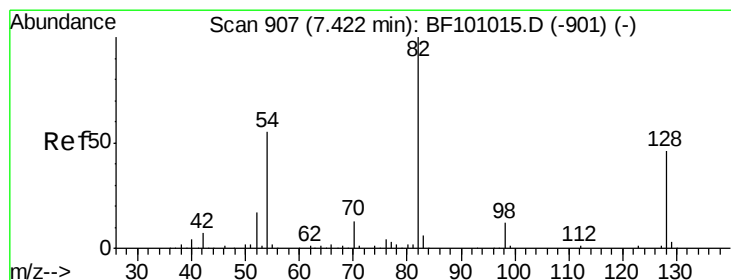
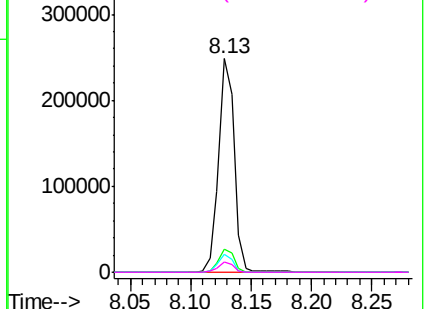
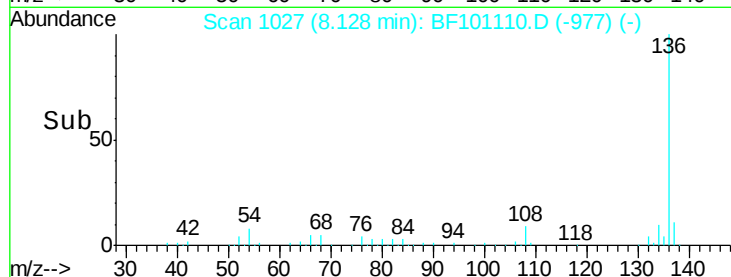
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101110.D
Acq: 4 Dec 2017 20:42

Instrument :
BNA_F
ClientSampleId :
ENV-106-1(5-10)

Tot Ion:136 Resp: 221166
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.2 6.6 9.8
68 4.9 5.0 7.4#

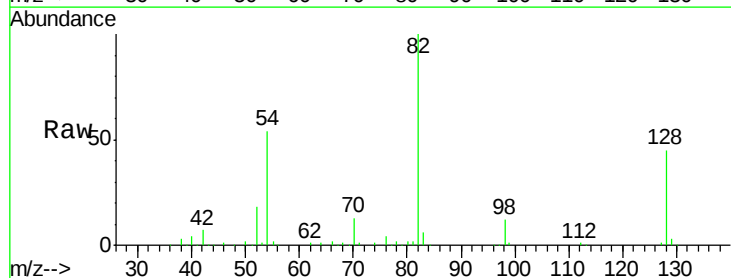


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

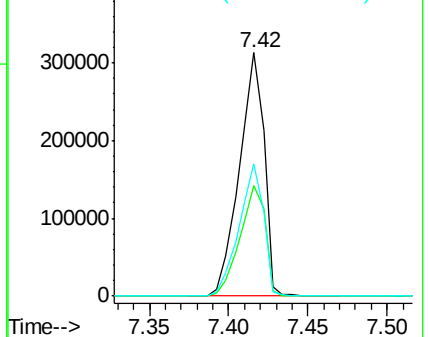
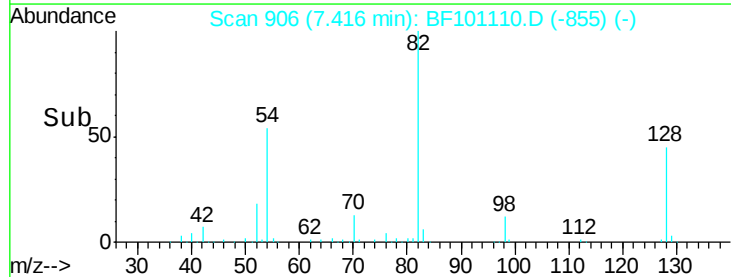


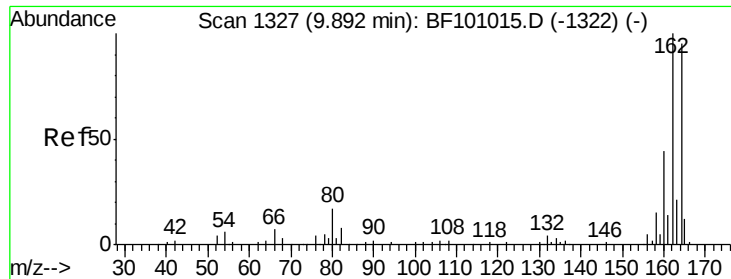
#23
Nitrobenzene-d5
Concen: 90.90 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101110.D
Acq: 4 Dec 2017 20:42

Tgt Ion: 82 Resp: 337013
Ion Ratio Lower Upper
82 100
128 45.2 36.1 54.1
54 54.1 41.4 62.2



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF101110.D

Acq: 4 Dec 2017 20:42

Instrument :

BNA_F

ClientSampleId :

ENV-106-1(5-10)

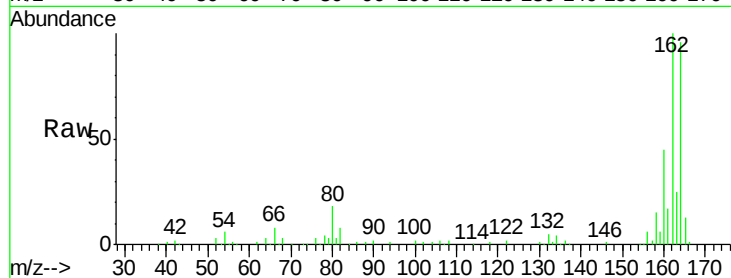
Tot Ion:164 Resp: 99421

Ion Ratio Lower Upper

164 100

162 104.4 86.1 129.1

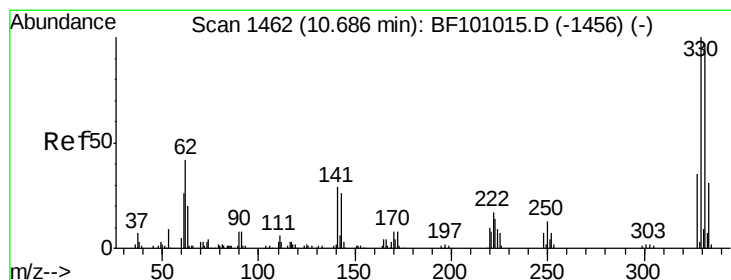
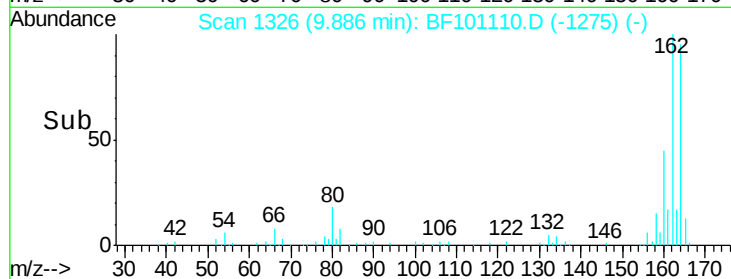
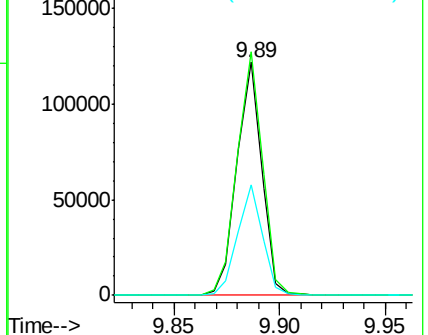
160 47.3 38.3 57.5



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: 110.60 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BF101110.D

Acq: 4 Dec 2017 20:42

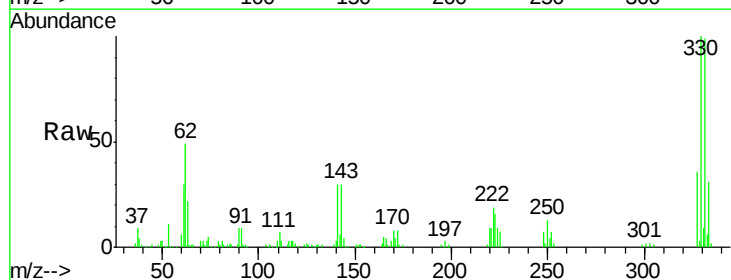
Tgt Ion:330 Resp: 132096

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

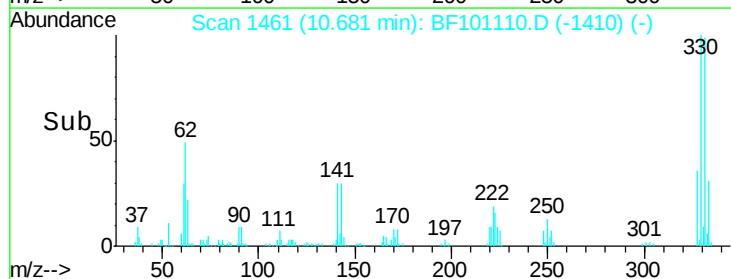
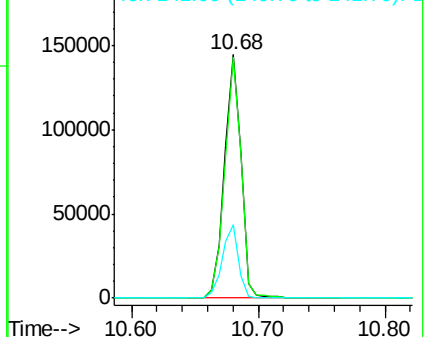
141 29.3 29.9 44.9#



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

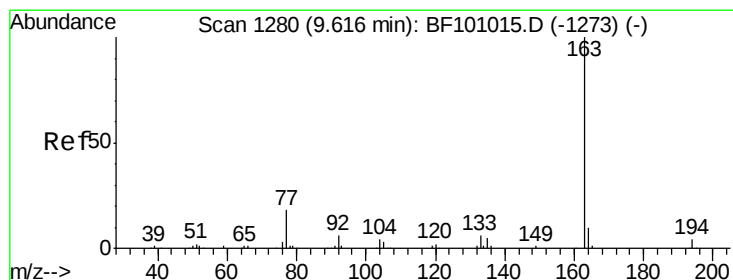
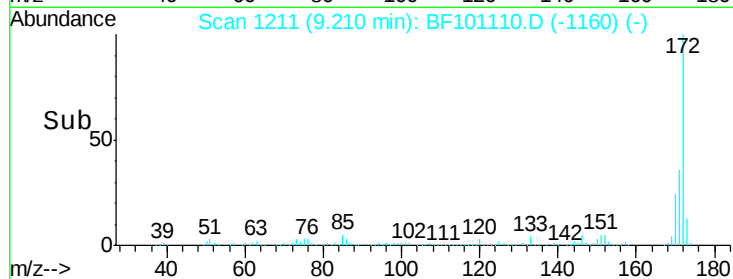
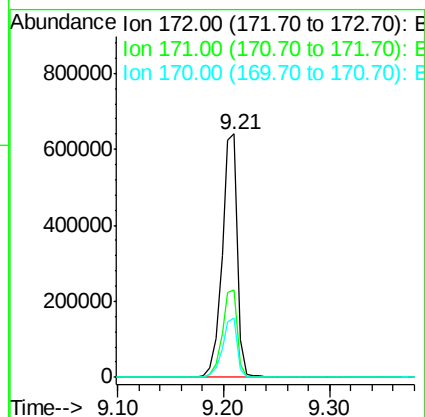
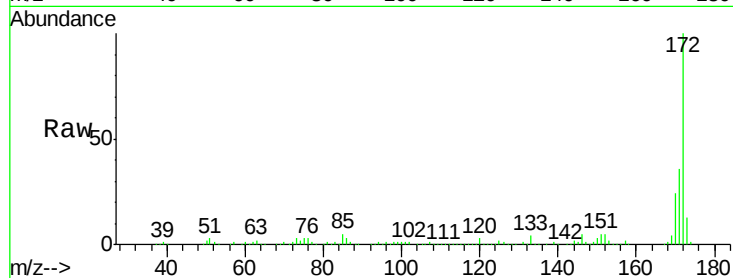




#44
2-Fluorobiphenyl
Concen: 89.39 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF101110.D
Acq: 4 Dec 2017 20:42

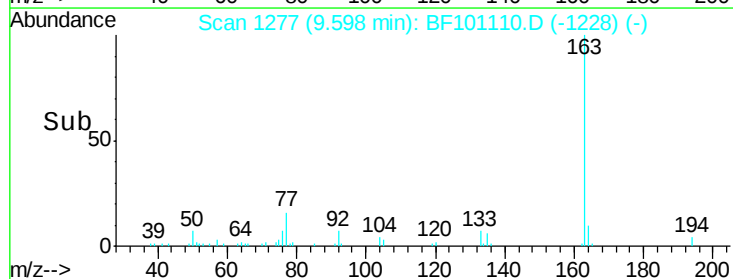
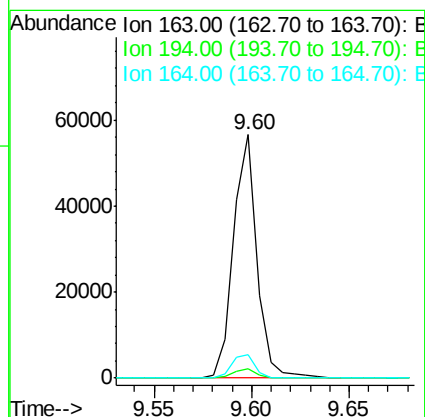
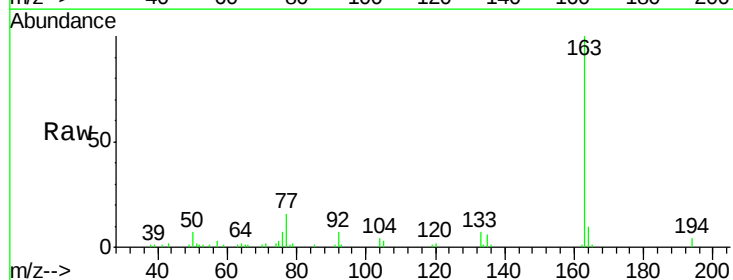
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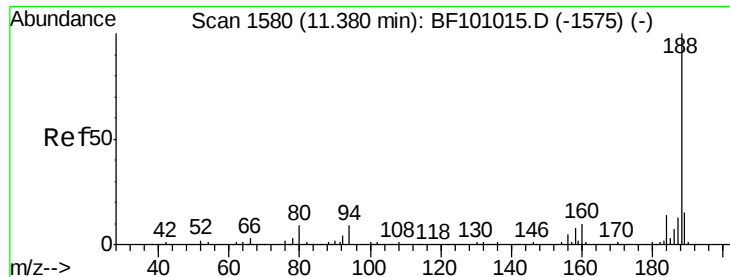
Tot Ion:172 Resp: 649594
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 24.2 19.6 29.4



#49
Dimethylphthalate
Concen: 5.89 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101110.D
Acq: 4 Dec 2017 20:42

Tgt Ion:163 Resp: 47225
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1
164 9.8 8.2 12.2

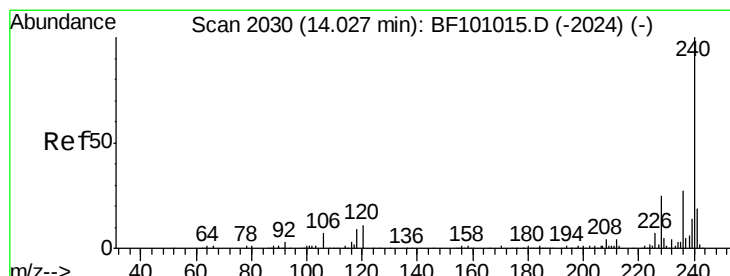
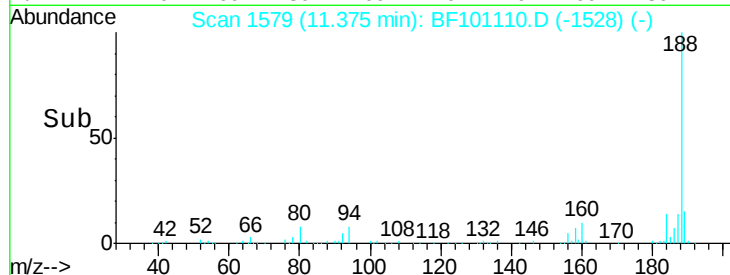
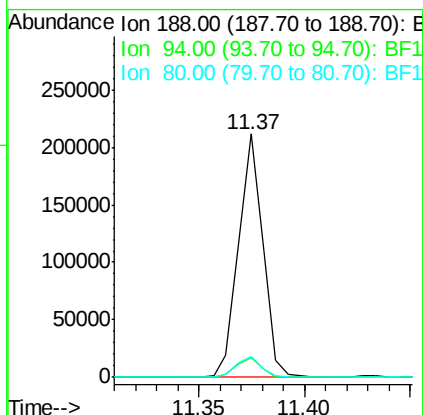
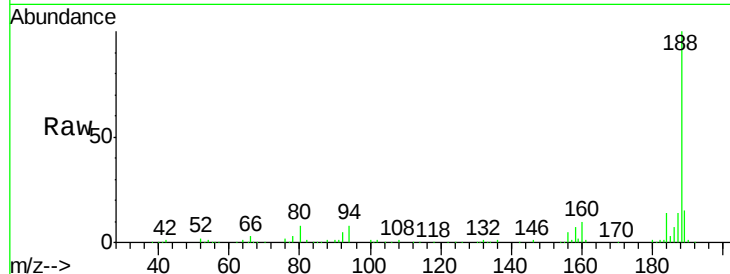




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101110.D
Acq: 4 Dec 2017 20:42

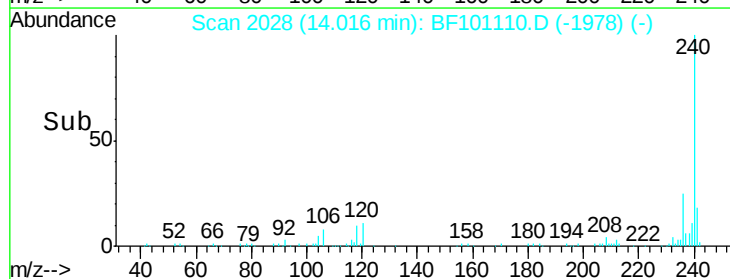
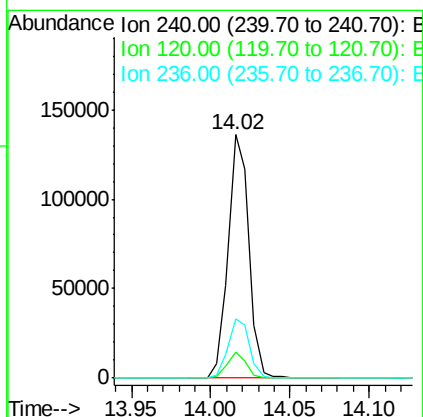
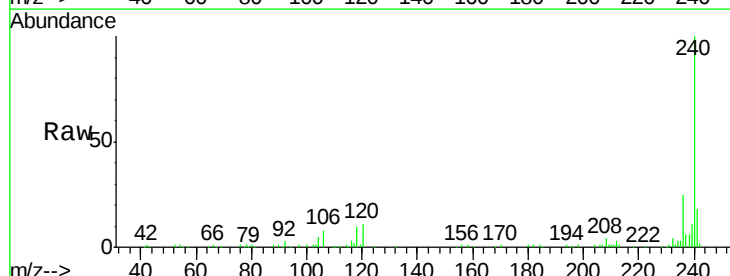
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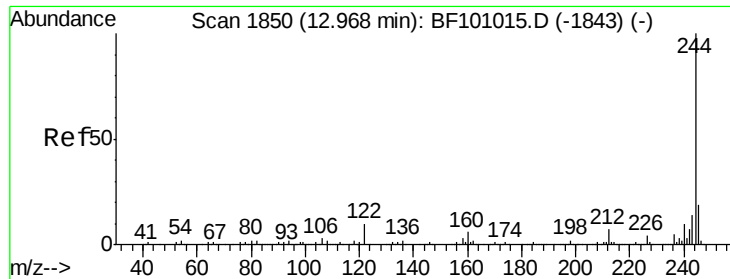
Tot Ion:188 Resp: 168582
Ion Ratio Lower Upper
188 100
94 8.1 8.5 12.7#
80 8.3 9.2 13.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101110.D
Acq: 4 Dec 2017 20:42

Tgt Ion:240 Resp: 123333
Ion Ratio Lower Upper
240 100
120 10.6 9.5 14.3
236 24.5 20.7 31.1





#78

Terphenyl-d14

Concen: 81.07 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF101110.D

Acq: 4 Dec 2017 20:42

Instrument :

BNA_F

ClientSampleId :

ENV-106-1(5-10)

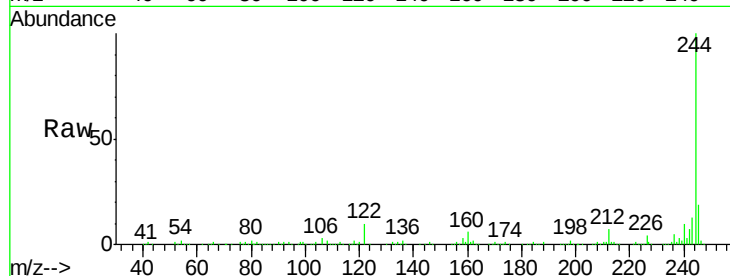
Tot Ion:244 Resp: 457113

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

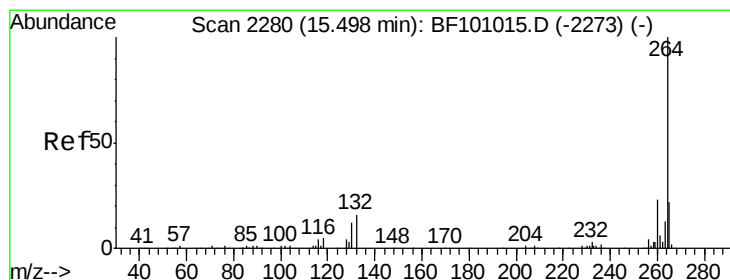
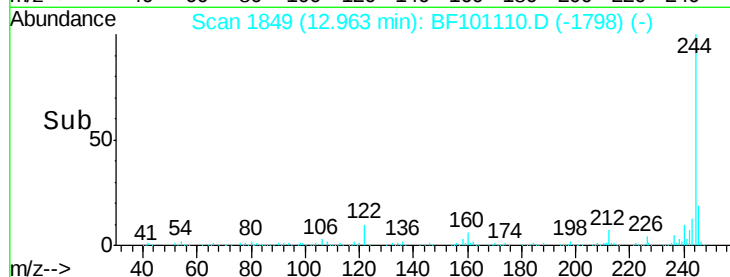
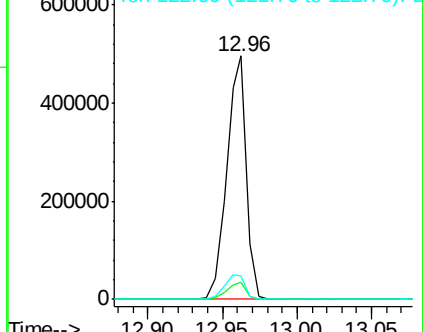
122 9.7 11.0 16.4#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BF101110.D

Acq: 4 Dec 2017 20:42

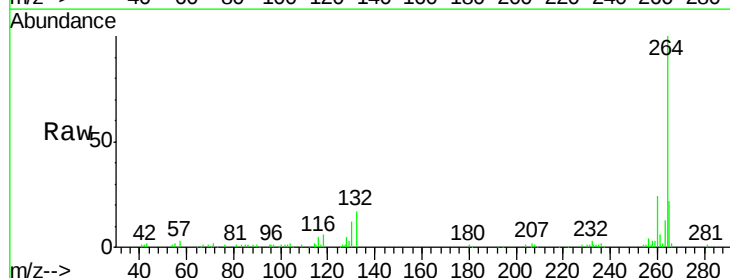
Tgt Ion:264 Resp: 105583

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.9 17.5 26.3



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

