

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
 Data File : BF101836.D
 Acq On : 29 Dec 2017 18:26
 Operator : SJ/JU
 Sample : I7034-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TB-03(3-5)

Quant Time: Dec 30 03:34:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	113521	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	391590	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	144862	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	273534	20.00	ng	0.00
75) Chrysene-d12	13.97	240	266808	20.00	ng	0.00
86) Perylene-d12	15.45	264	196297	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	136458	17.91	ng	0.02
7) Phenol-d6	6.45	99	169096	17.83	ng	0.02
23) Nitrobenzene-d5	7.37	82	98861	14.05	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	26260	18.81	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	167376	17.92	ng	0.00
78) Terphenyl-d14	12.89	244	173471	15.67	ng	0.00

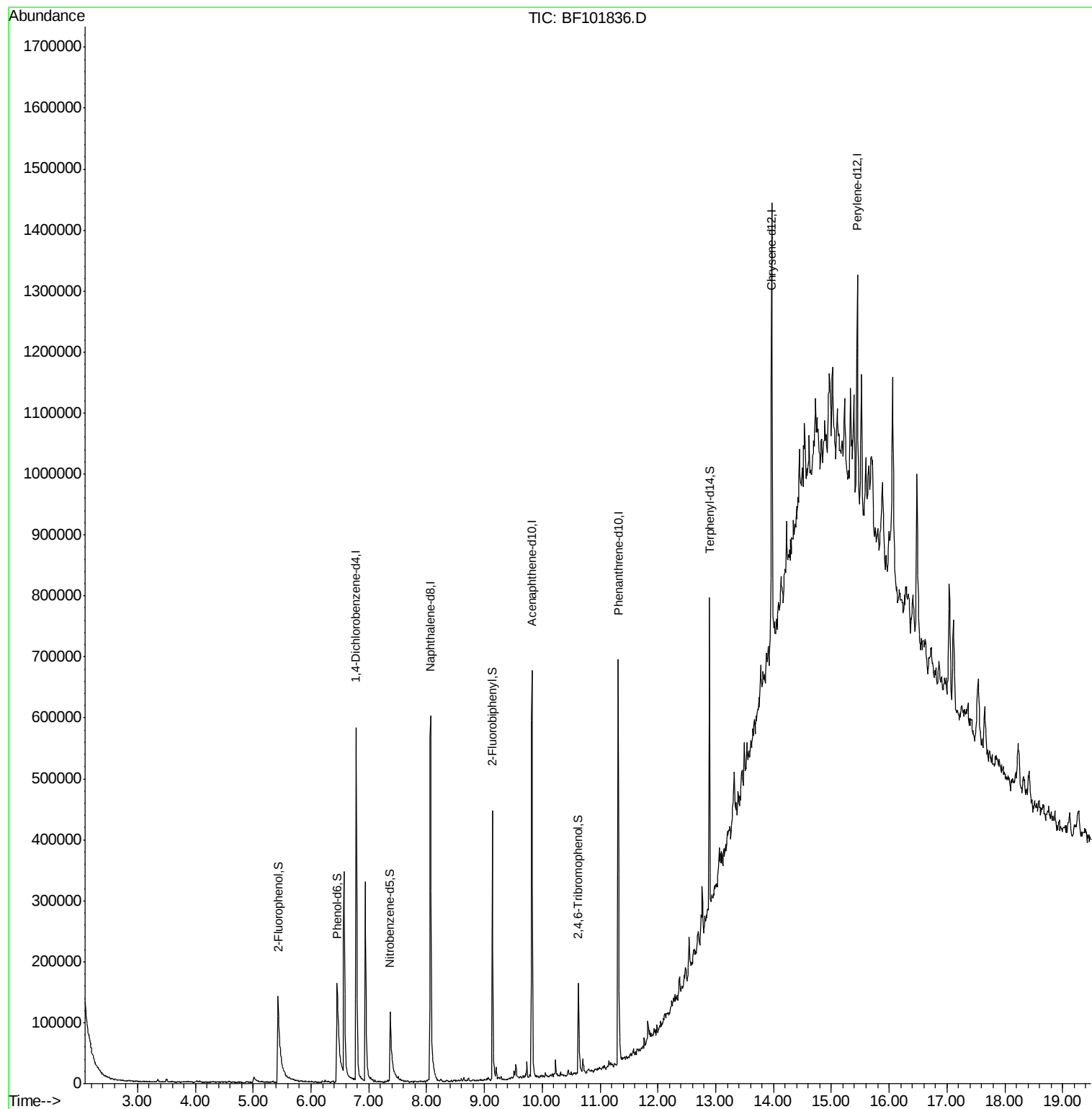
Target Compounds Qvalue

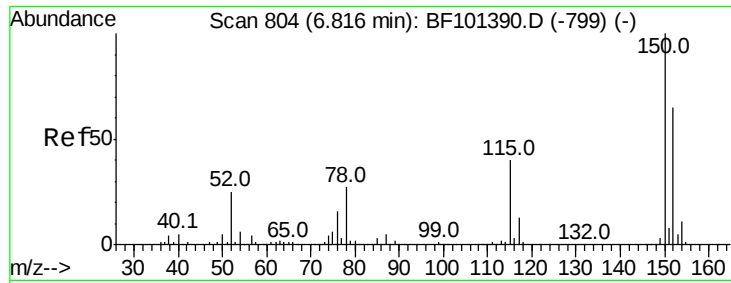
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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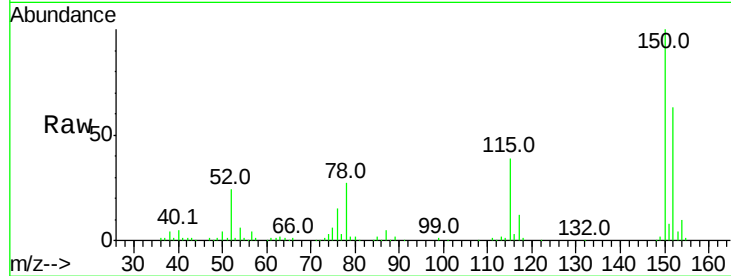


#1

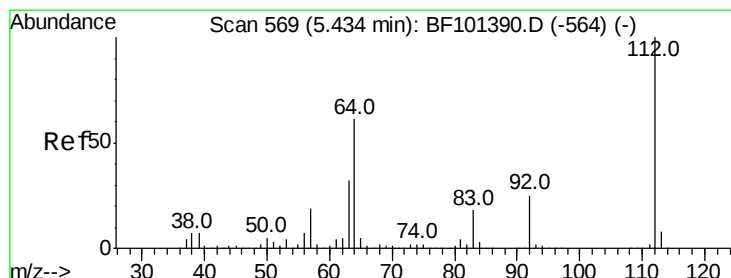
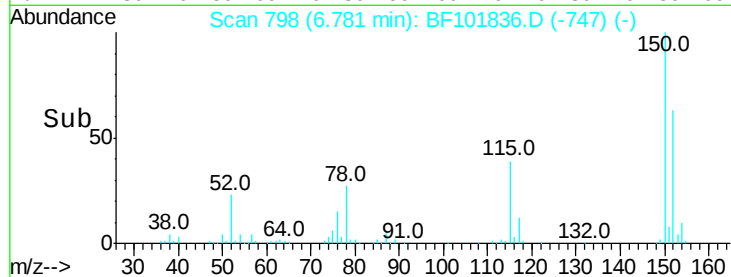
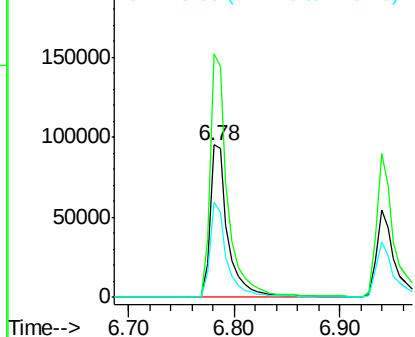
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF101836.D
Acq: 29 Dec 2017 18:26

Instrument :
BNA_F
ClientSampleId :
TB-03(3-5)

Tot Ion:152 Resp: 113521
Ion Ratio Lower Upper
152 100
150 159.7 124.6 186.8
115 62.0 50.1 75.1



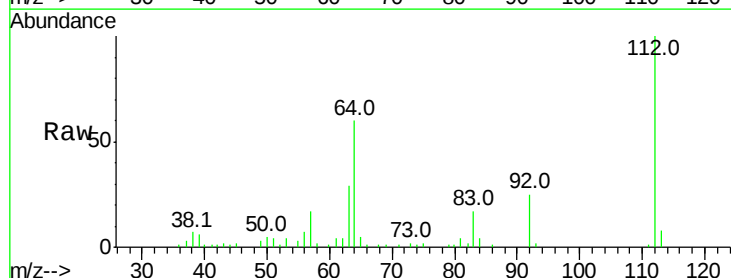
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



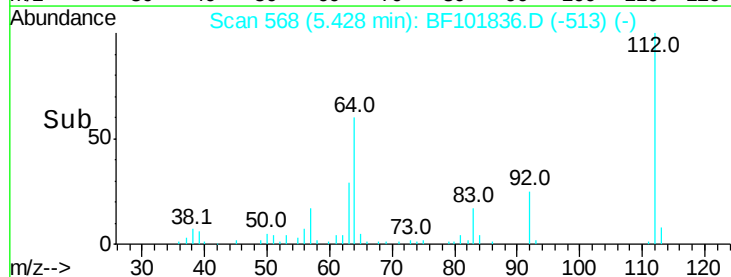
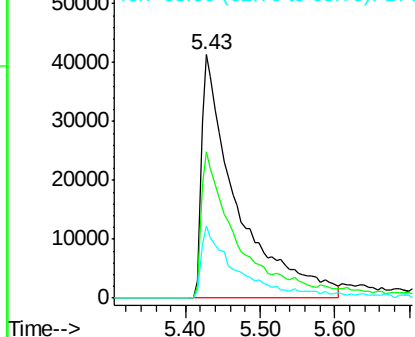
#5

2-Fluorophenol
Concen: 17.905 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF101836.D
Acq: 29 Dec 2017 18:26

Tgt Ion:112 Resp: 136458
Ion Ratio Lower Upper
112 100
64 60.3 47.9 71.9
63 29.4 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: 17.828 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.02 min

Lab File: BF101836.D

Acq: 29 Dec 2017 18:26

Instrument :

BNA_F

ClientSampleId :

TB-03(3-5)

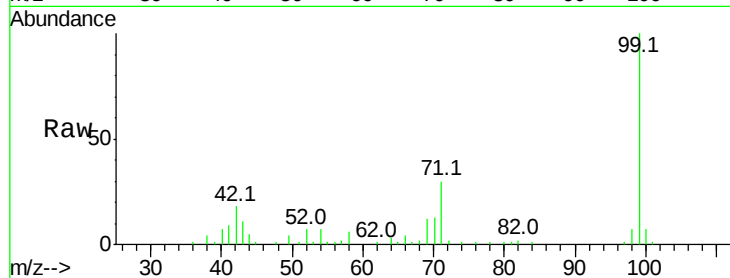
Tot Ion: 99 Resp: 169096

Ion Ratio Lower Upper

99 100

42 17.7 14.5 21.7

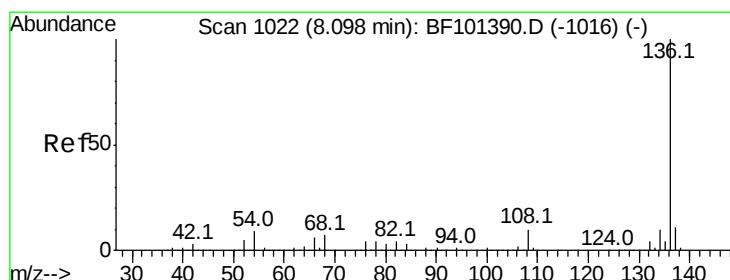
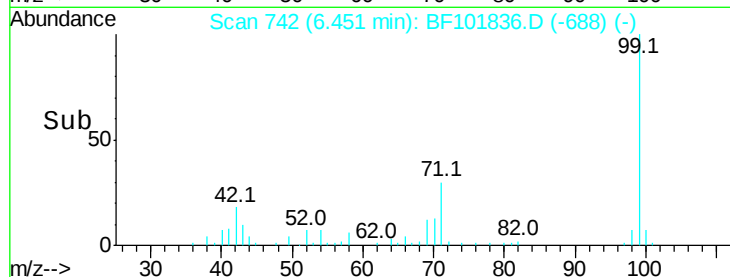
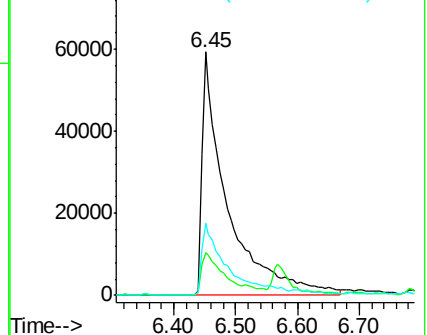
71 29.8 25.4 38.0



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: BF101836.D

Acq: 29 Dec 2017 18:26

Tgt Ion: 136 Resp: 391590

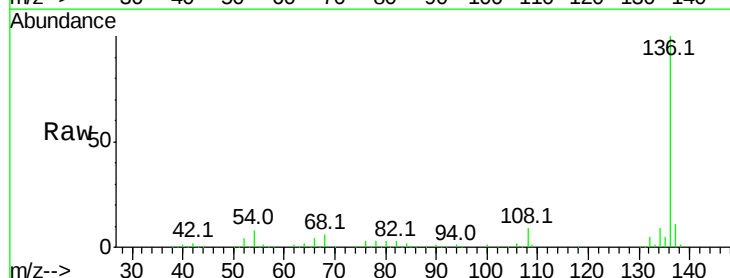
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.1 6.6 9.8

68 6.0 5.0 7.4

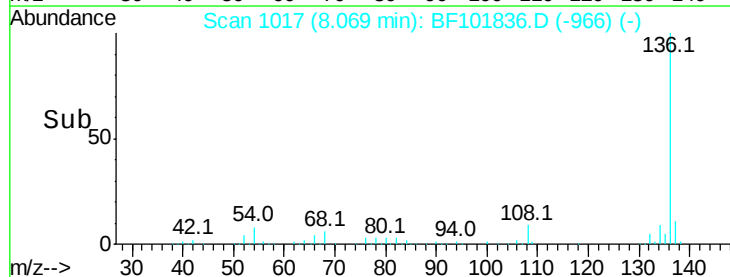
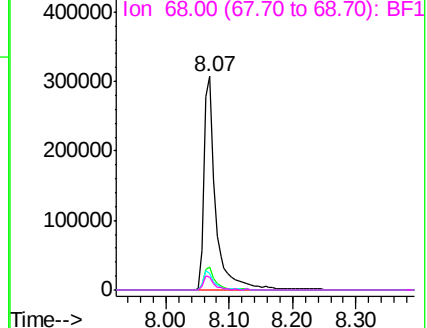


Abundance Ion 136.00 (135.70 to 136.70): E

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

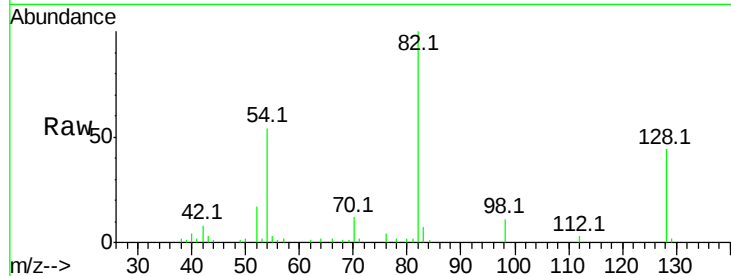




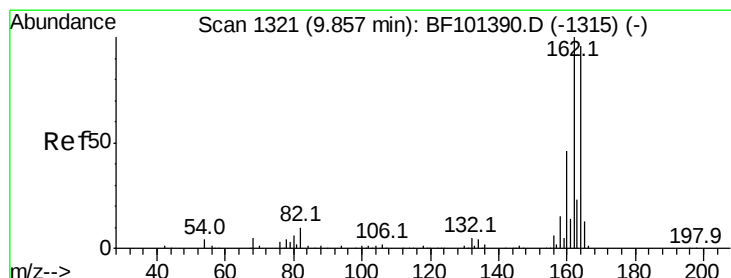
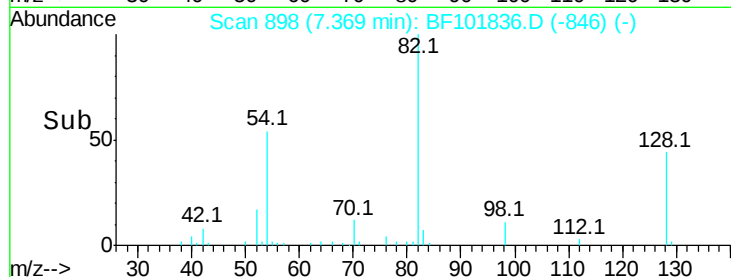
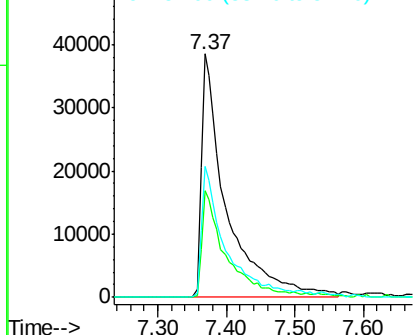
#23
Nitrobenzene-d5
Concen: 14.053 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF101836.D
Acq: 29 Dec 2017 18:26

Instrument :
BNA_F
ClientSampleId :
TB-03(3-5)

Tot Ion: 82 Resp: 98861
Ion Ratio Lower Upper
82 100
128 44.0 36.1 54.1
54 54.0 41.4 62.2

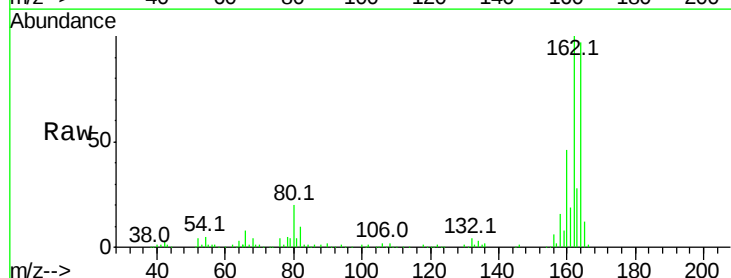


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

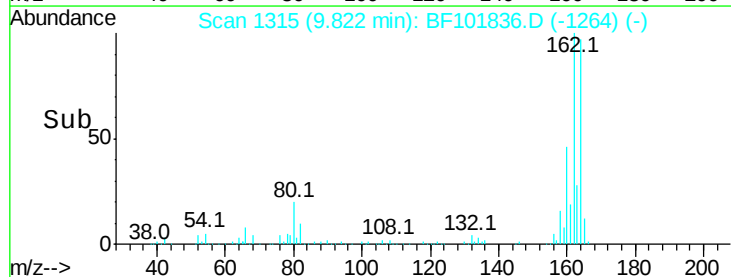
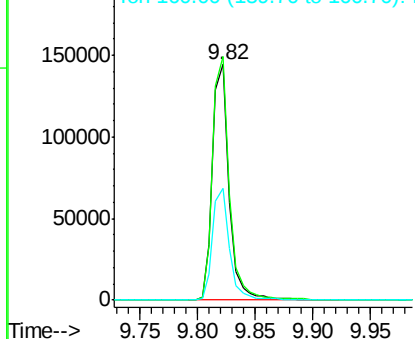


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF101836.D
Acq: 29 Dec 2017 18:26

Tgt Ion:164 Resp: 144862
Ion Ratio Lower Upper
164 100
162 103.3 86.1 129.1
160 47.7 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

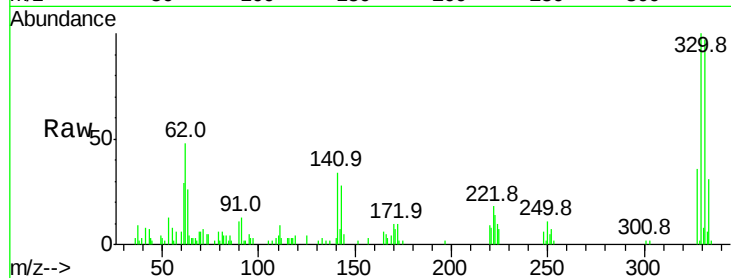




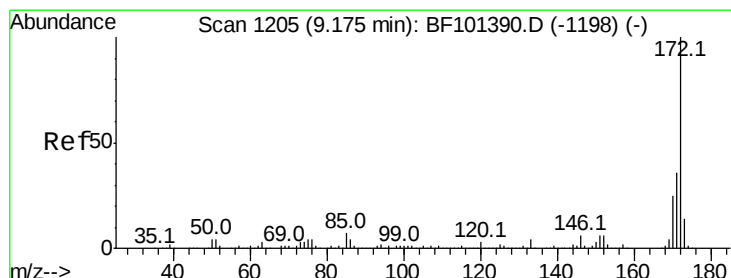
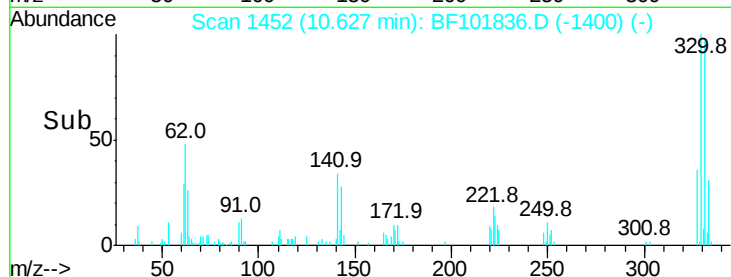
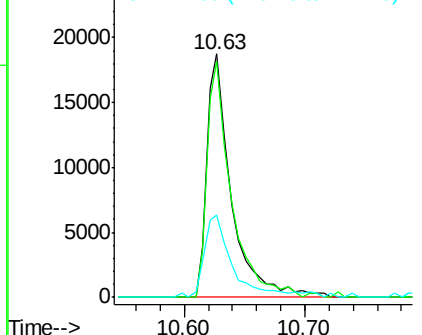
#41
 2,4,6-Tribromophenol
 Concen: 18.813 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF101836.D
 Acq: 29 Dec 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :
 TB-03(3-5)

Tot Ion:330 Resp: 26260
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 37.7 29.9 44.9

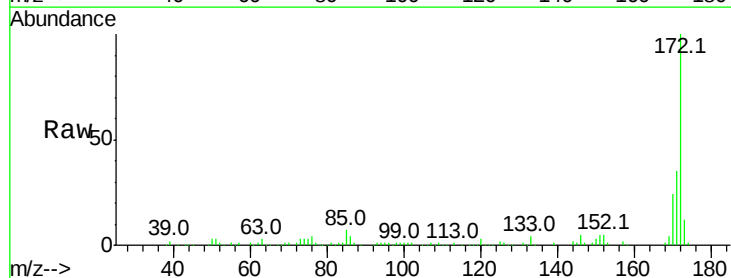


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

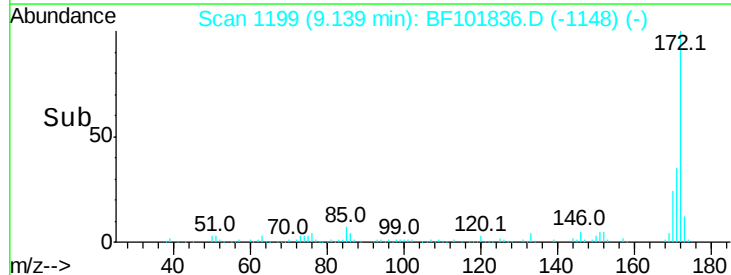
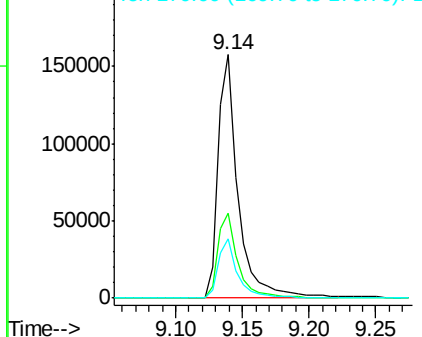


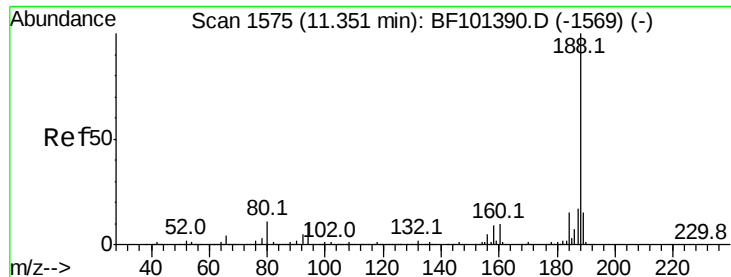
#44
 2-Fluorobiphenyl
 Concen: 17.923 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF101836.D
 Acq: 29 Dec 2017 18:26

Tgt Ion:172 Resp: 167376
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.7 44.5
 170 24.1 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

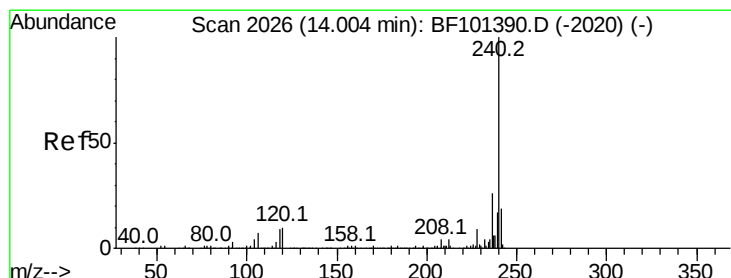
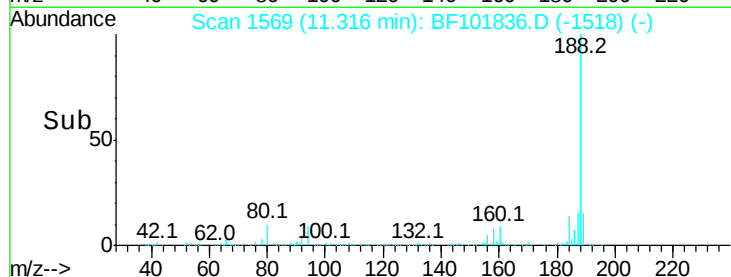
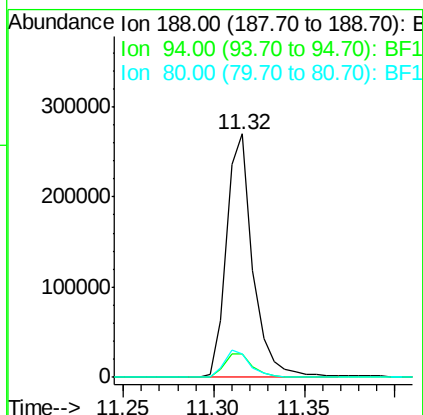
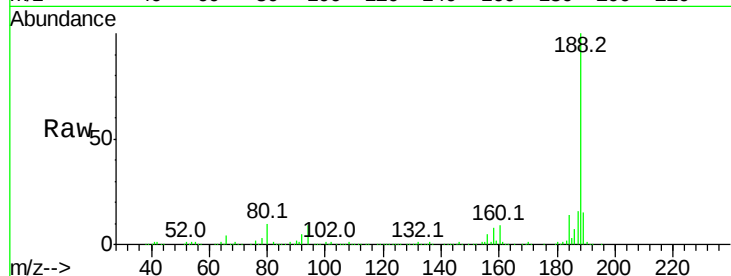




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101836.D
Acq: 29 Dec 2017 18:26

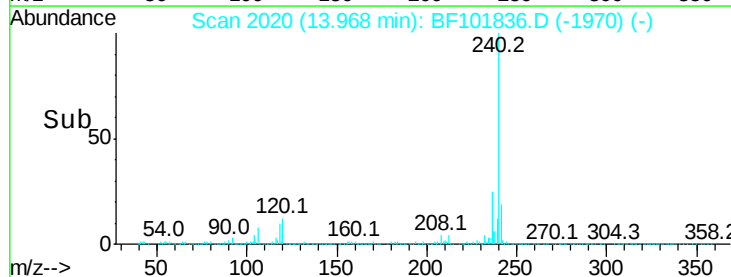
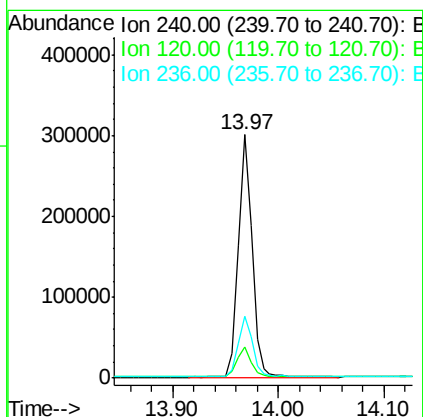
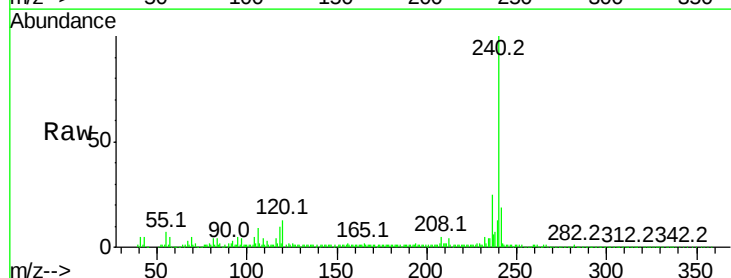
Instrument :
BNA_F
ClientSampleId :
TB-03(3-5)

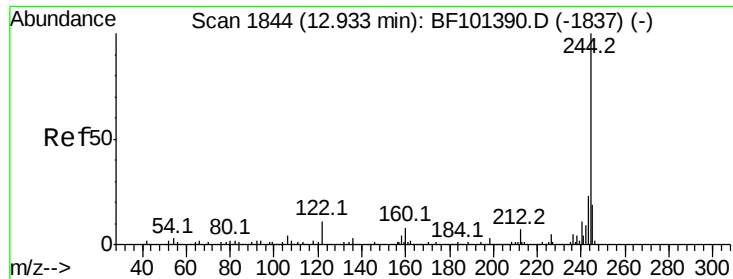
Tot Ion:188 Resp: 273534
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 9.7 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101836.D
Acq: 29 Dec 2017 18:26

Tgt Ion:240 Resp: 266808
Ion Ratio Lower Upper
240 100
120 13.0 9.5 14.3
236 25.4 20.7 31.1





#78

Terphenyl-d14

Concen: 15.674 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF101836.D

Acq: 29 Dec 2017 18:26

Instrument :

BNA_F

ClientSampled :

TB-03(3-5)

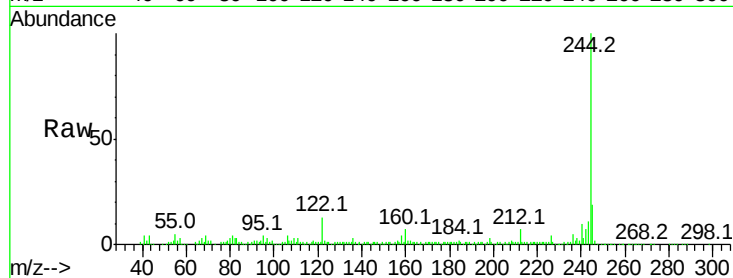
Tot Ion:244 Resp: 173471

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

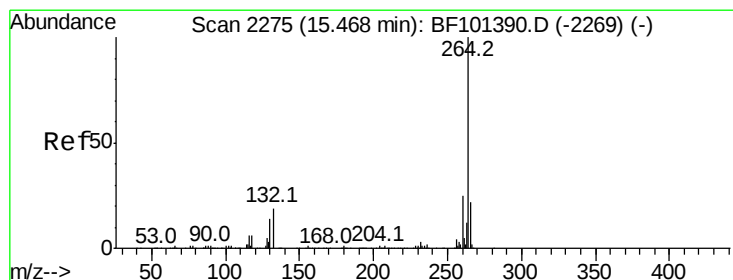
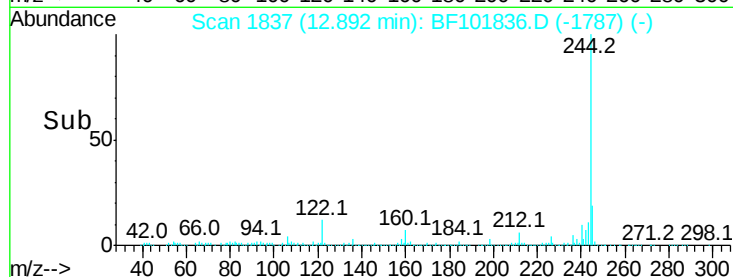
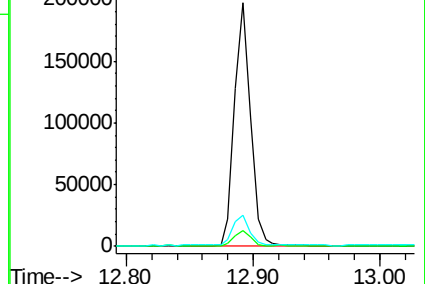
122 12.6 11.0 16.4



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: 20.000 ng

RT: 15.45 min Scan# 2272

Delta R.T. 0.01 min

Lab File: BF101836.D

Acq: 29 Dec 2017 18:26

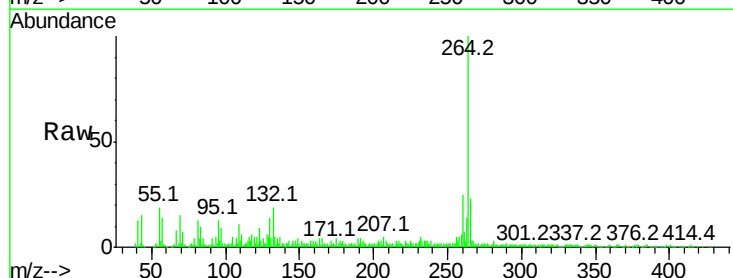
Tgt Ion:264 Resp: 196297

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 22.5 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

