

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
 Data File : BF101769.D
 Acq On : 27 Dec 2017 18:22
 Operator : SJ/JU
 Sample : I6685-09 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-122617-C

Quant Time: Dec 28 04:43:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

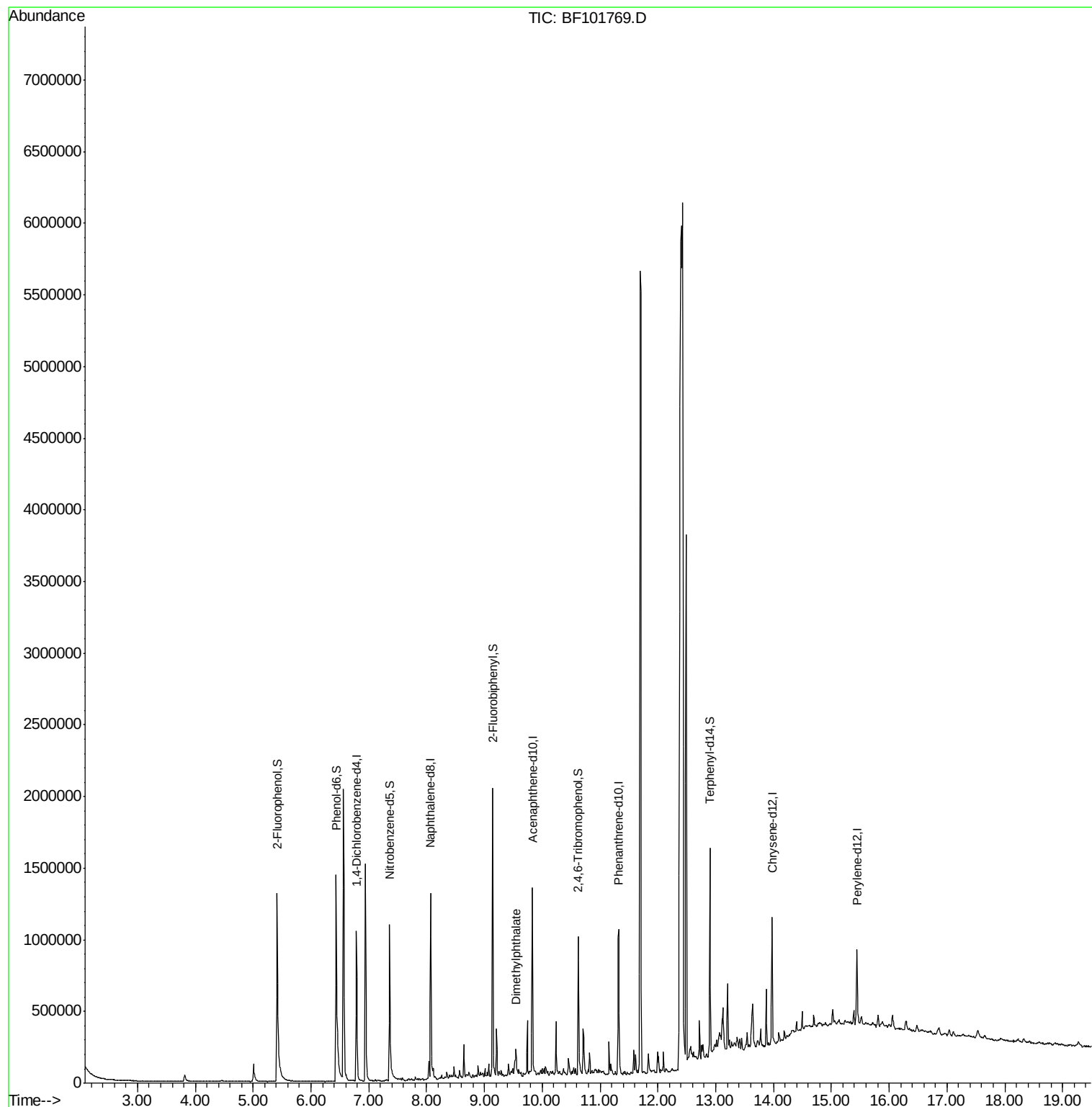
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	167466	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	644200	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	263337	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	411367	20.00	ng	0.00
75) Chrysene-d12	13.97	240	316620	20.00	ng	0.00
86) Perylene-d12	15.44	264	286120	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	619064	55.06	ng	0.00
7) Phenol-d6	6.43	99	761712	54.44	ng	0.00
23) Nitrobenzene-d5	7.36	82	455861	39.39	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	131561	51.85	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	705605	41.57	ng	0.00
78) Terphenyl-d14	12.90	244	491255	37.40	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.55	163	66859	3.156	ng	Qvalue 99

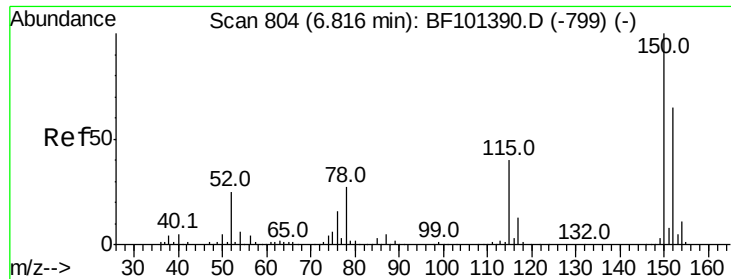
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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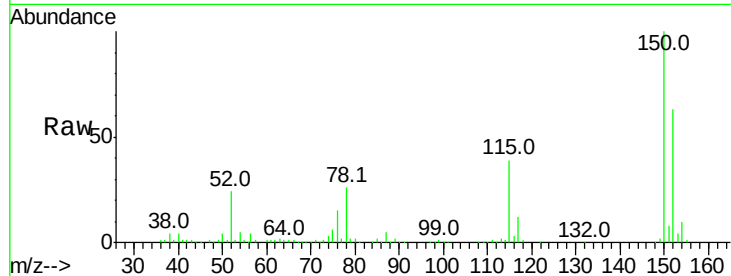


#1

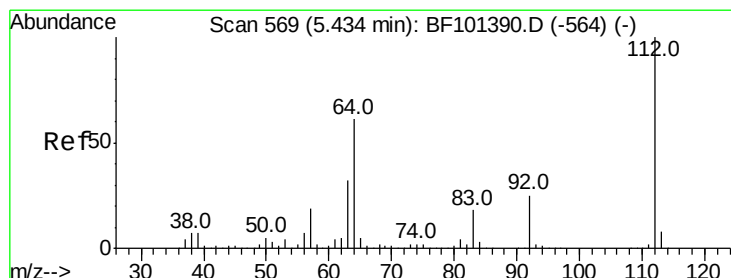
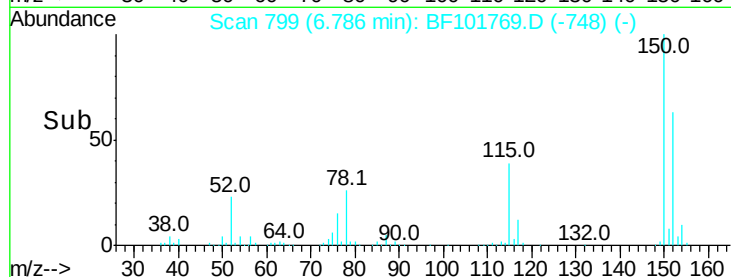
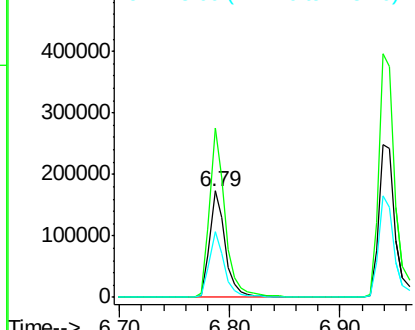
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101769.D
Acq: 27 Dec 2017 18:22

Instrument :
BNA_F
ClientSampleId :
AU-05-122617-C

Tot Ion:152 Resp: 167466
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 61.8 50.1 75.1



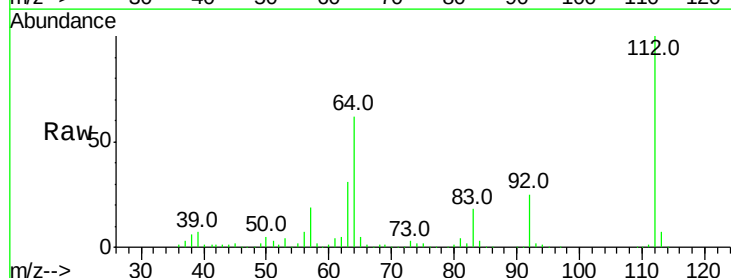
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



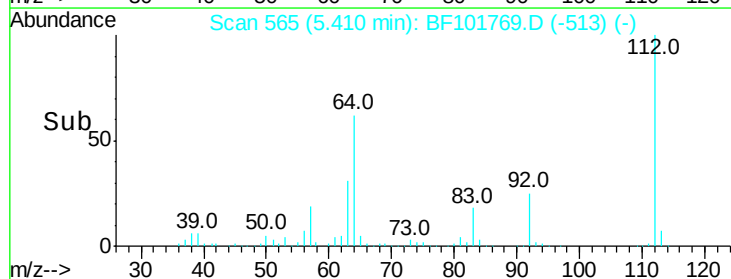
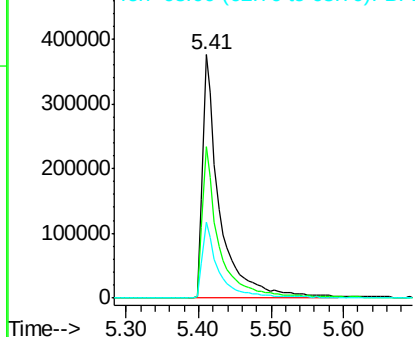
#5

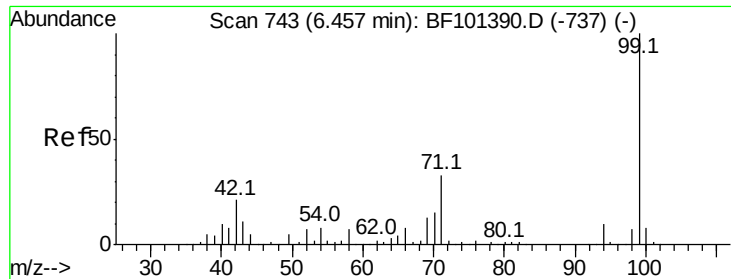
2-Fluorophenol
Concen: 55.065 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101769.D
Acq: 27 Dec 2017 18:22

Tgt Ion:112 Resp: 619064
Ion Ratio Lower Upper
112 100
64 62.1 47.9 71.9
63 31.0 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: 54.440 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF101769.D

Acq: 27 Dec 2017 18:22

Instrument :

BNA_F

ClientSampleId :

AU-05-122617-C

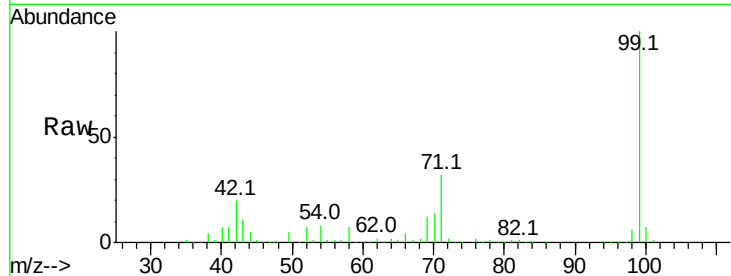
Tot Ion: 99 Resp: 761712

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

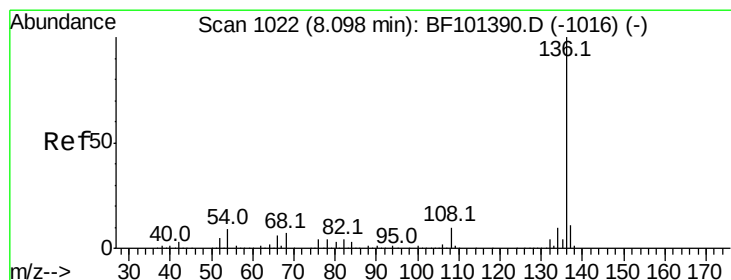
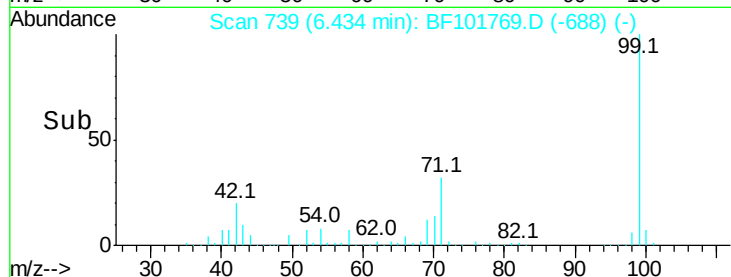
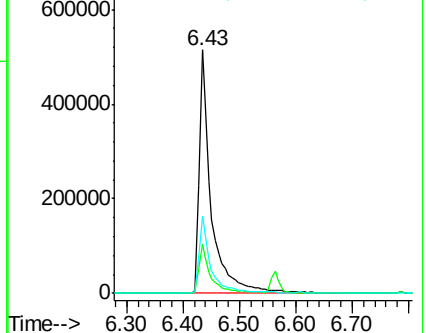
71 32.0 25.4 38.0



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: BF101769.D

Acq: 27 Dec 2017 18:22

Tgt Ion: 136 Resp: 644200

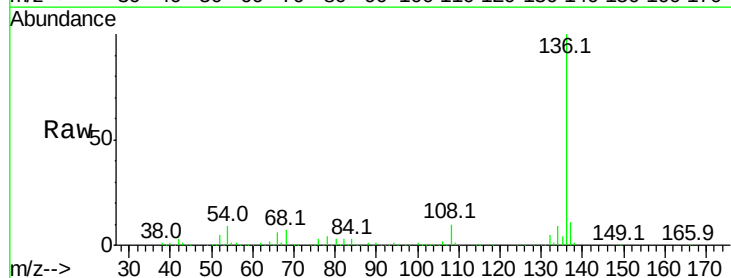
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.3 6.6 9.8

68 7.1 5.0 7.4

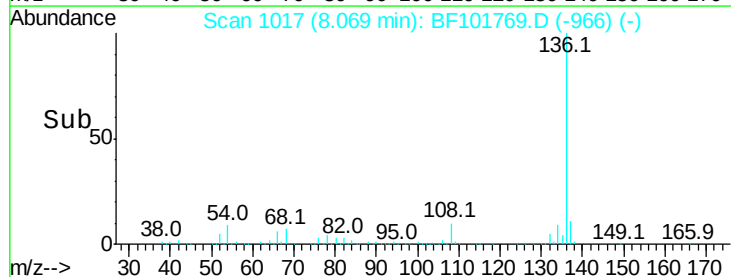
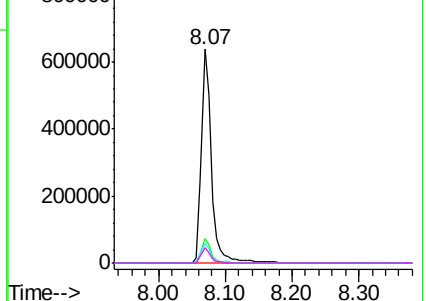


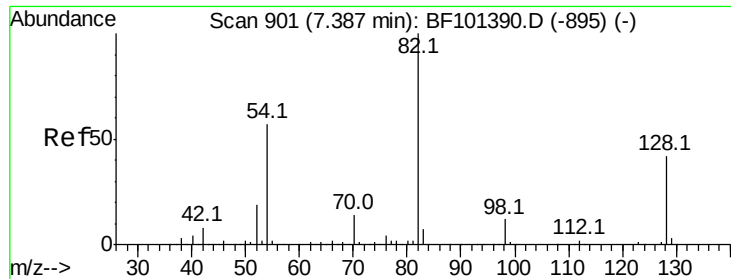
Abundance Ion 136.00 (135.70 to 136.70): E

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

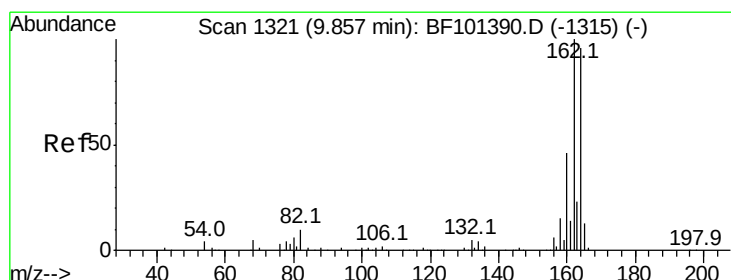
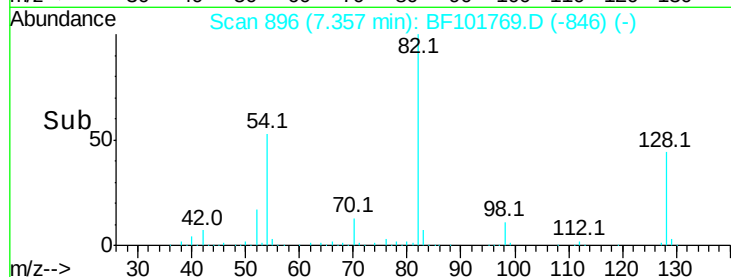
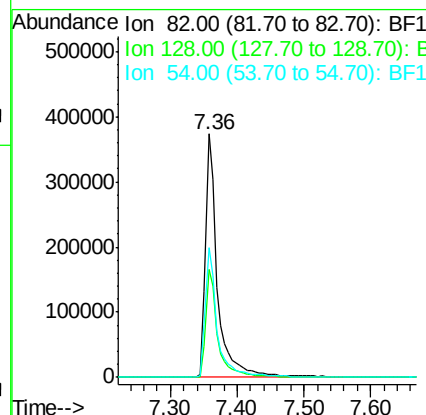
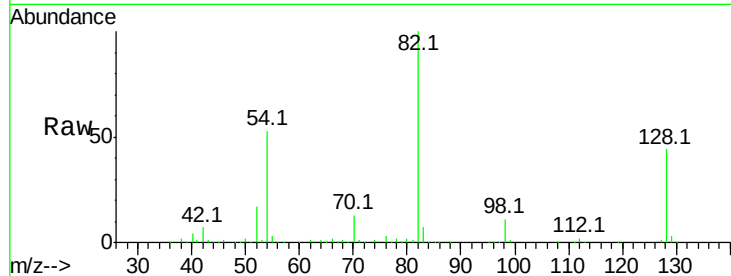




#23
Nitrobenzene-d5
Concen: 39.391 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101769.D
Acq: 27 Dec 2017 18:22

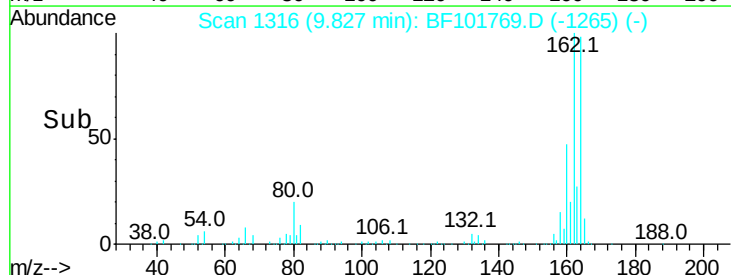
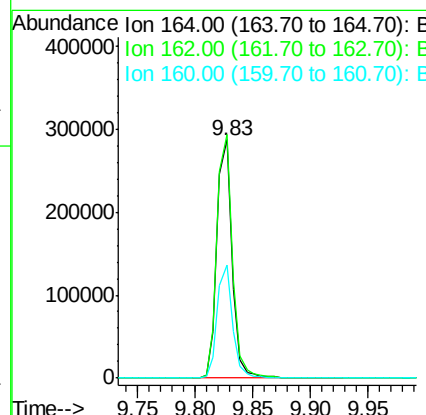
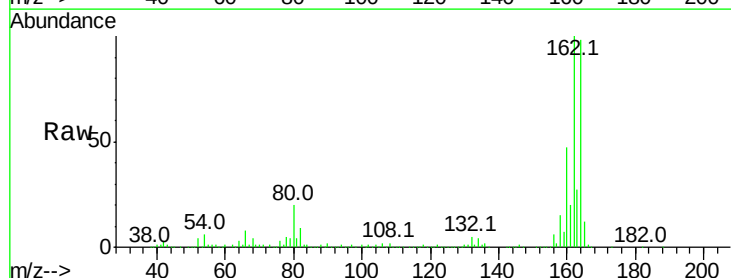
Instrument :
BNA_F
ClientSampleId :
AU-05-122617-C

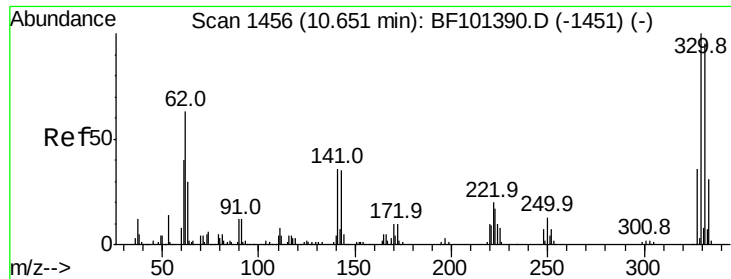
Tot Ion: 82 Resp: 455861
Ion Ratio Lower Upper
82 100
128 44.3 36.1 54.1
54 53.4 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF101769.D
Acq: 27 Dec 2017 18:22

Tgt Ion:164 Resp: 263337
Ion Ratio Lower Upper
164 100
162 102.3 86.1 129.1
160 47.7 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 51.848 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

Lab File: BF101769.D

Acq: 27 Dec 2017 18:22

Instrument :

BNA_F

ClientSampleId :

AU-05-122617-C

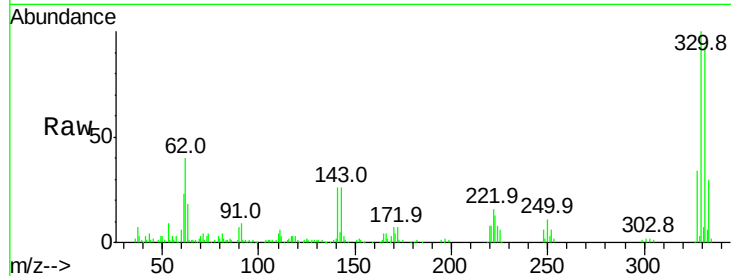
Tot Ion:330 Resp: 131561

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

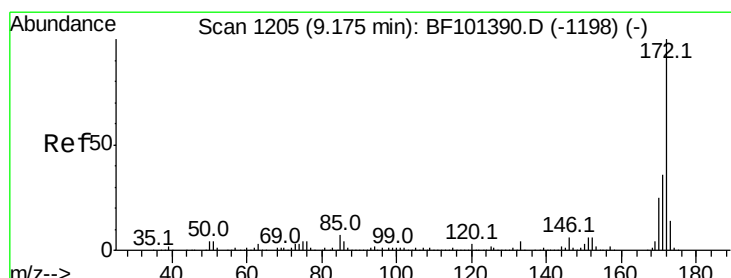
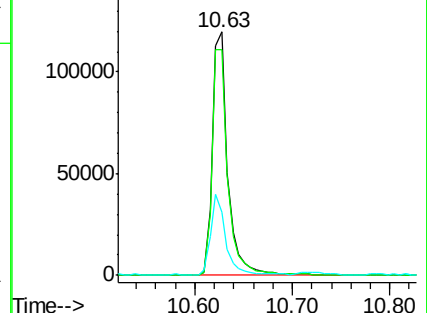
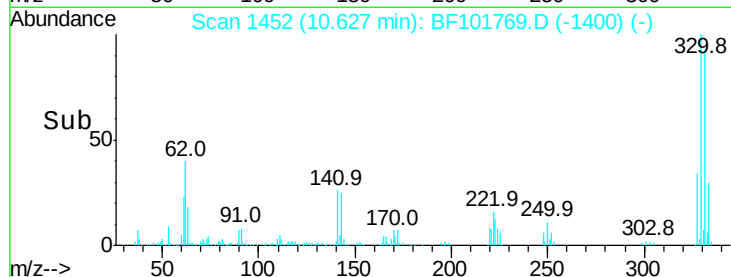
141 33.3 29.9 44.9



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: 41.565 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BF101769.D

Acq: 27 Dec 2017 18:22

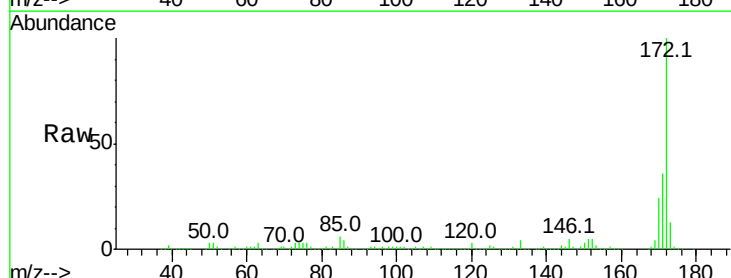
Tgt Ion:172 Resp: 705605

Ion Ratio Lower Upper

172 100

171 35.7 29.7 44.5

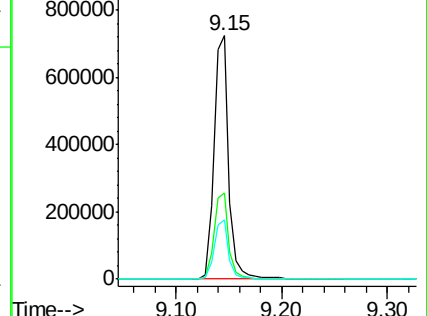
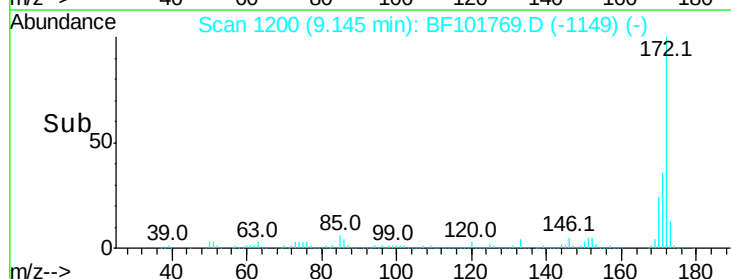
170 24.1 19.6 29.4

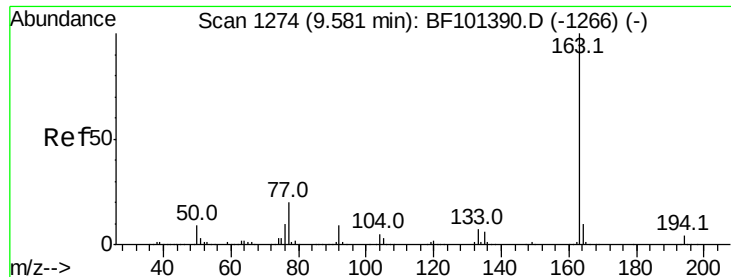


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

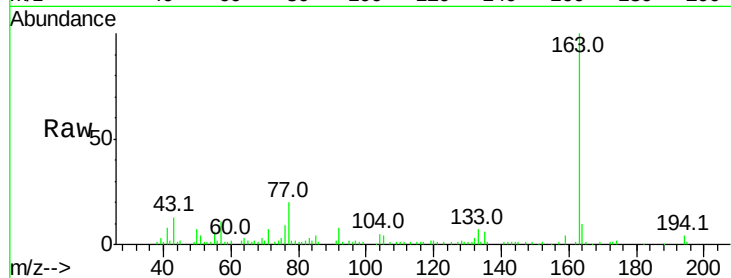




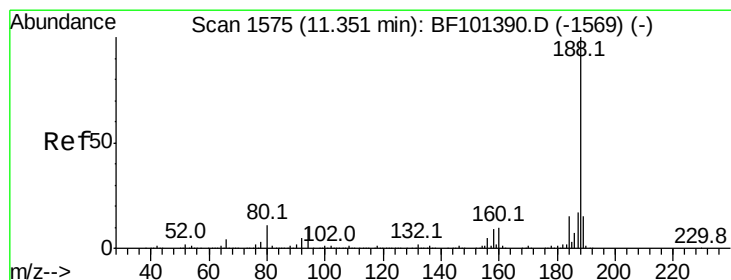
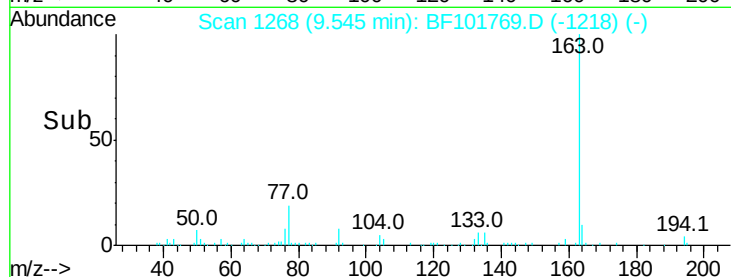
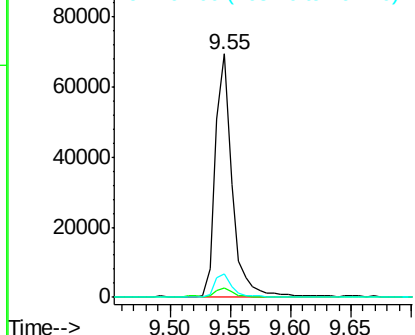
#49
Dimethylphthalate
Concen: 3.156 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF101769.D
Acq: 27 Dec 2017 18:22

Instrument :
BNA_F
ClientSampleId :
AU-05-122617-C

Tot Ion:163 Resp: 66859
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.6 8.2 12.2

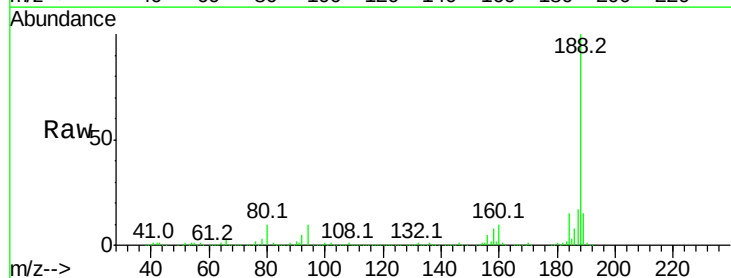


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

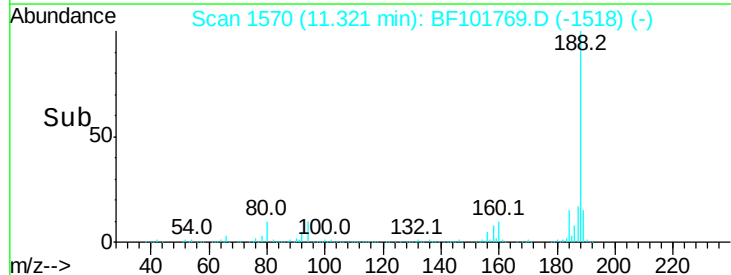
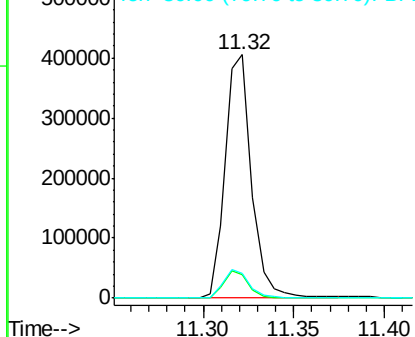


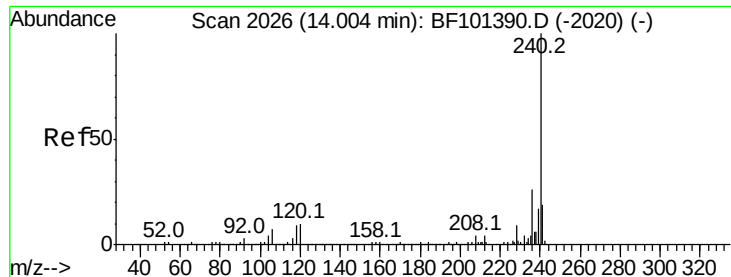
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF101769.D
Acq: 27 Dec 2017 18:22

Tgt Ion:188 Resp: 411367
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.4 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

Chrvsene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF101769.D

Acq: 27 Dec 2017 18:22

Instrument :

BNA_F

ClientSampleId :

AU-05-122617-C

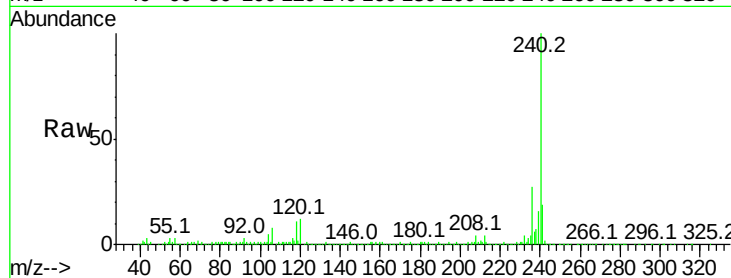
Tot Ion:240 Resp: 316620

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

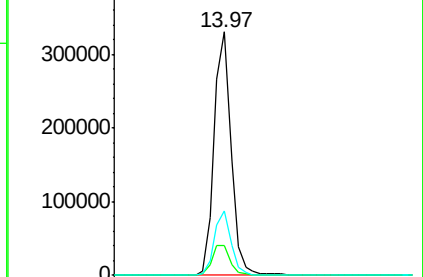
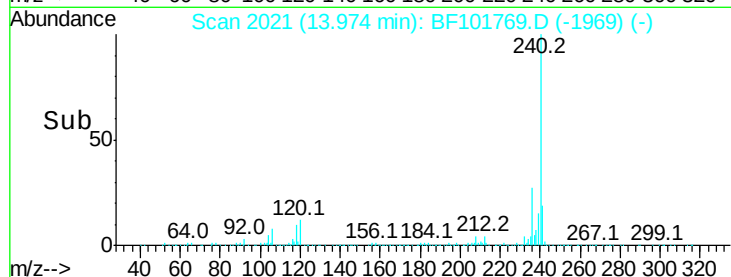
236 26.7 20.7 31.1



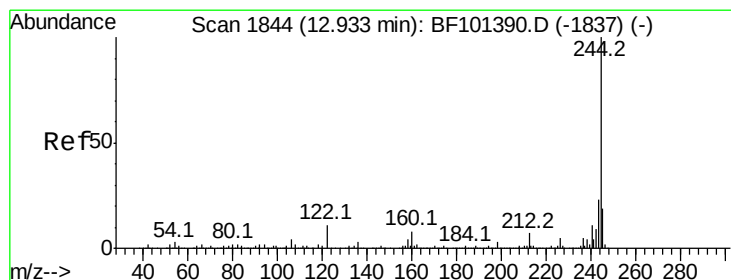
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 37.405 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF101769.D

Acq: 27 Dec 2017 18:22

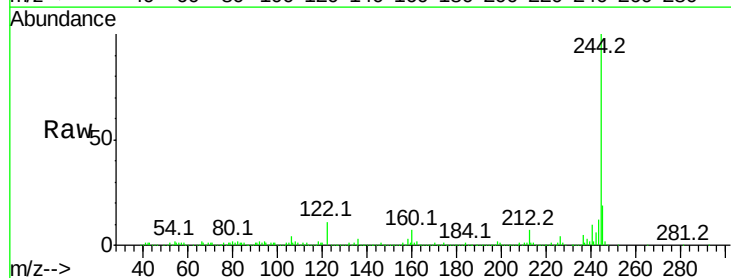
Tgt Ion:244 Resp: 491255

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

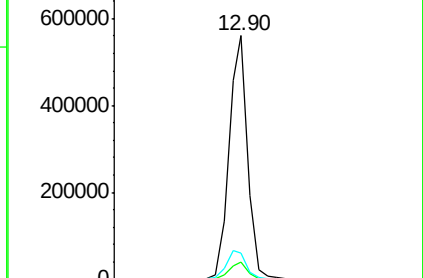
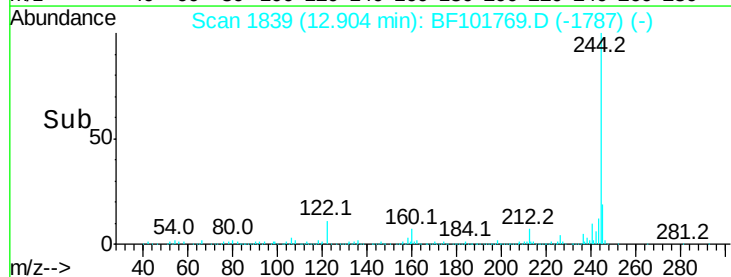
122 10.8 11.0 16.4#



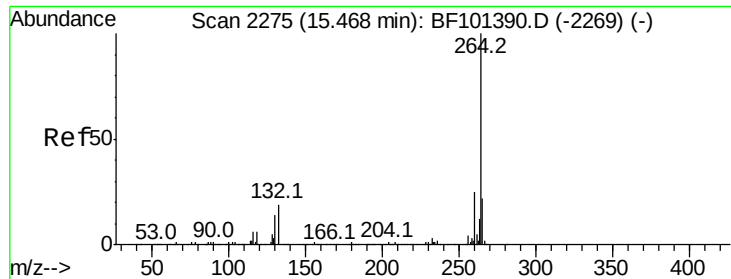
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF101769.D
Acq: 27 Dec 2017 18:22

Instrument :
BNA_F
ClientSampleId :
AU-05-122617-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.6	17.5	26.3

