

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
 Data File : BF099780.D
 Acq On : 24 Oct 2017 1:05
 Operator : SJ/JU
 Sample : I6037-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT202

Quant Time: Oct 24 03:03:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 23:39:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	100251	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	417168	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	194158	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	316263	20.00	ng	0.00
75) Chrysene-d12	13.97	240	170369	20.00	ng	-0.01
86) Perylene-d12	15.44	264	184587	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	388219	60.80	ng	0.00
7) Phenol-d6	6.44	99	298794	39.46	ng	-0.01
23) Nitrobenzene-d5	7.37	82	550109	84.90	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	188540	106.56	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1095439	87.05	ng	0.00
78) Terphenyl-d14	12.92	244	723639	92.82	ng	0.00

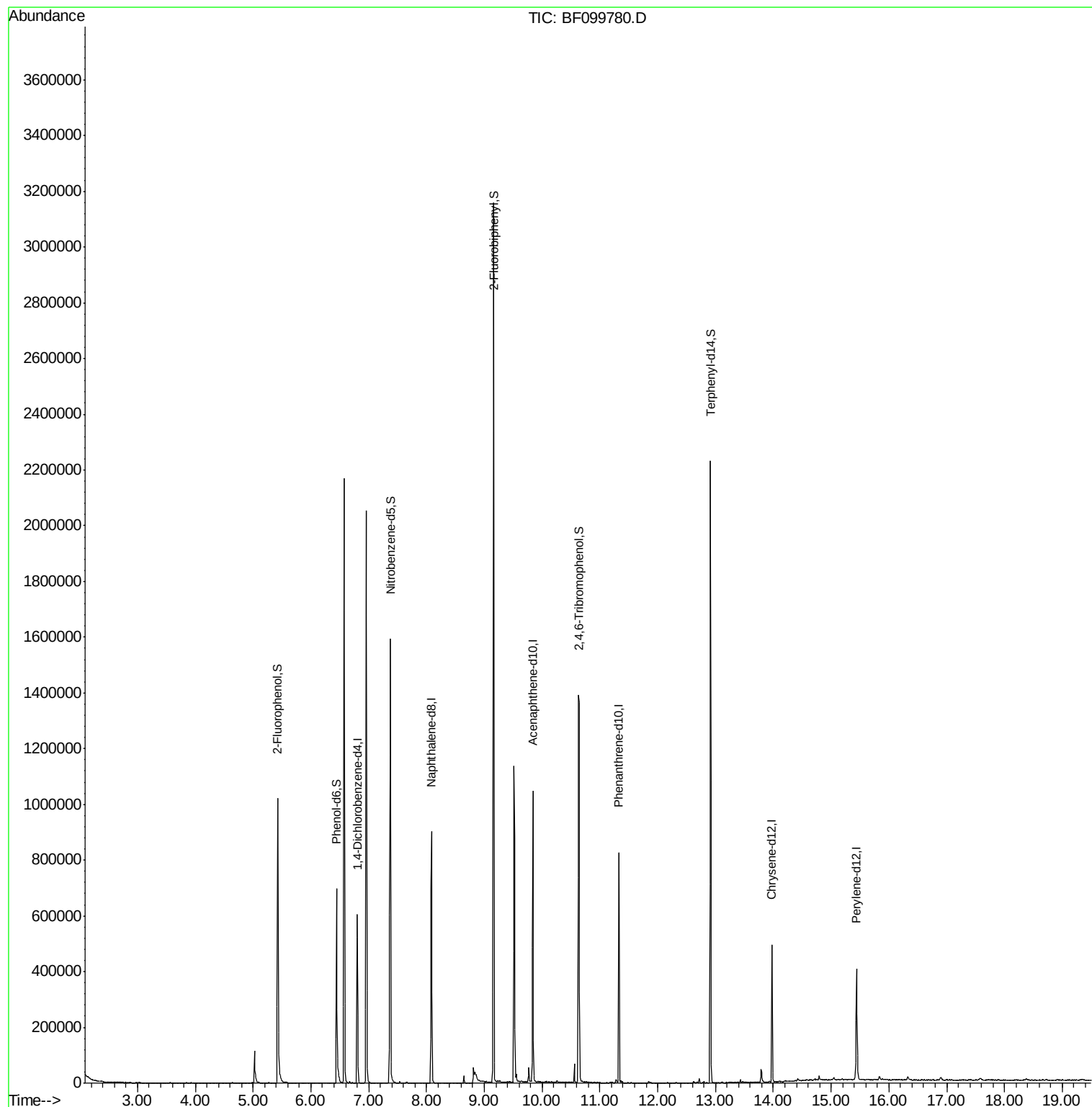
Target Compounds Qvalue

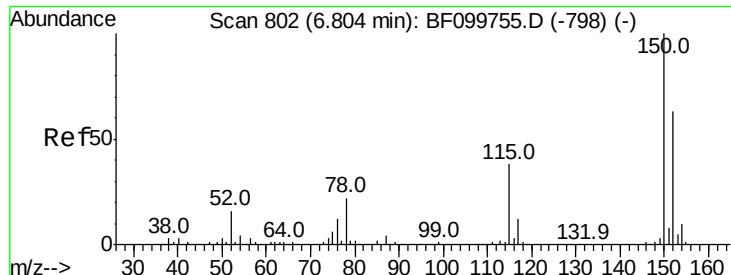
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
Data File : BF099780.D
Acq On : 24 Oct 2017 1:05
Operator : SJ/JU
Sample : I6037-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAV-GT202

Quant Time: Oct 24 03:03:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 23:39:26 2017
Response via : Initial Calibration



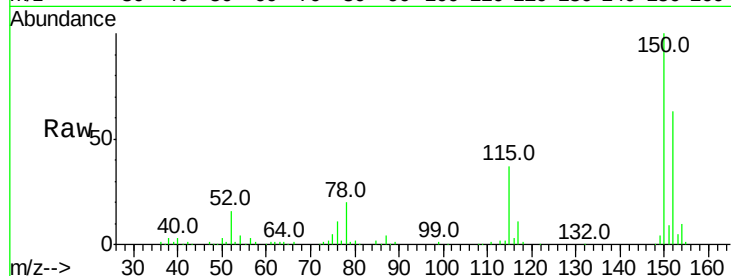


#1

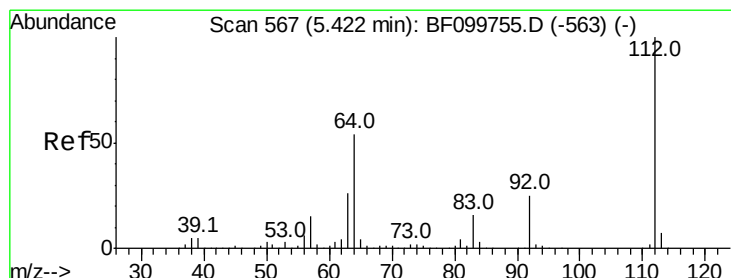
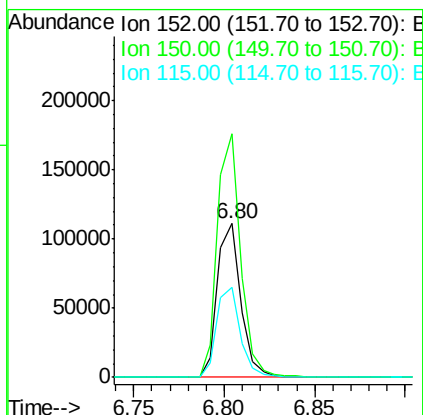
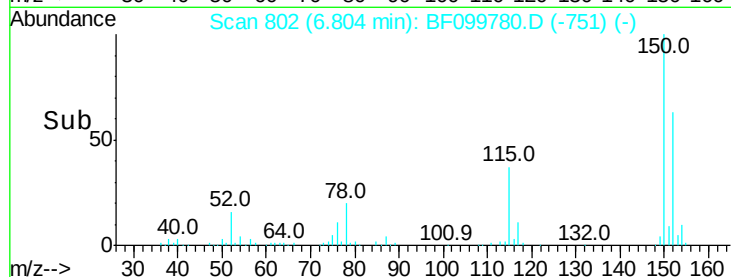
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099780.D
Acq: 24 Oct 2017 1:05

Instrument :
BNA_F
ClientSampleId :
RAV-GT202

Tot Ion:152 Resp: 100251
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 58.9 50.1 75.1



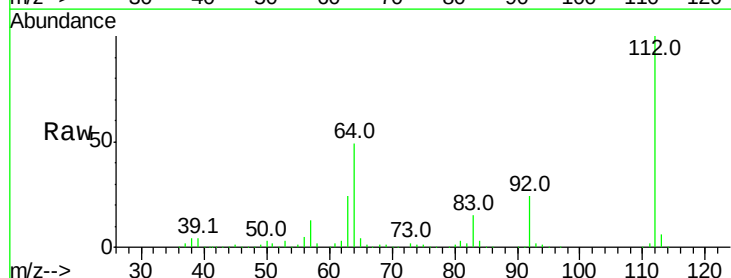
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



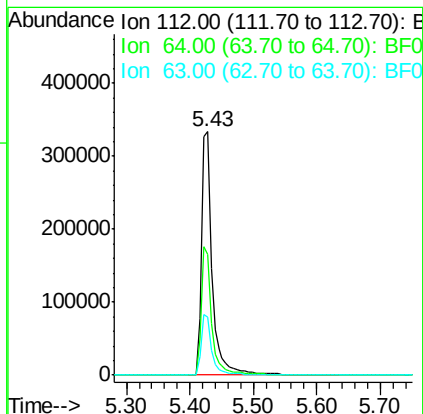
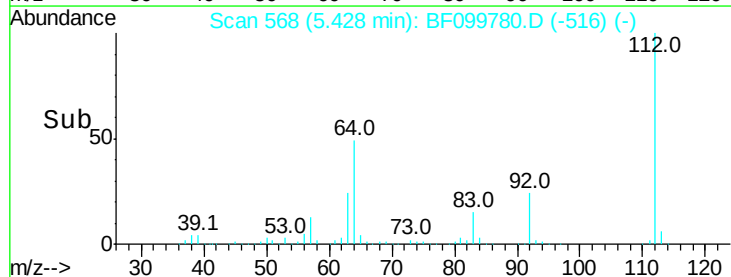
#5

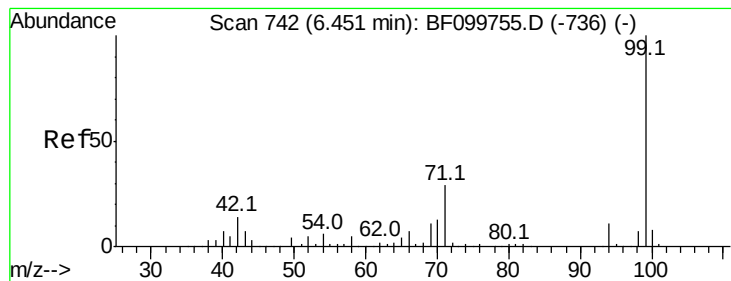
2-Fluorophenol
Concen: 60.796 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF099780.D
Acq: 24 Oct 2017 1:05

Tgt Ion:112 Resp: 388219
Ion Ratio Lower Upper
112 100
64 49.4 47.9 71.9
63 23.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.463 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF099780.D

Acq: 24 Oct 2017 1:05

Instrument :

BNA_F

ClientSampleId :

RAV-GT202

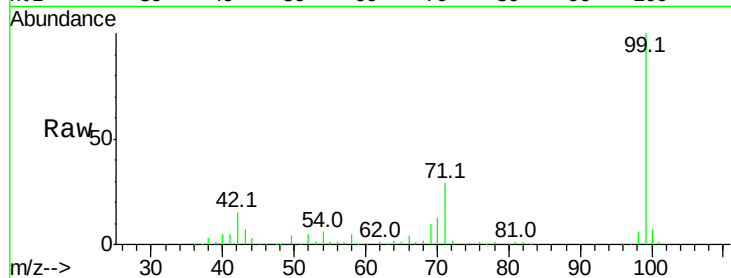
Tot Ion: 99 Resp: 298794

Ion Ratio Lower Upper

99 100

42 14.8 14.5 21.7

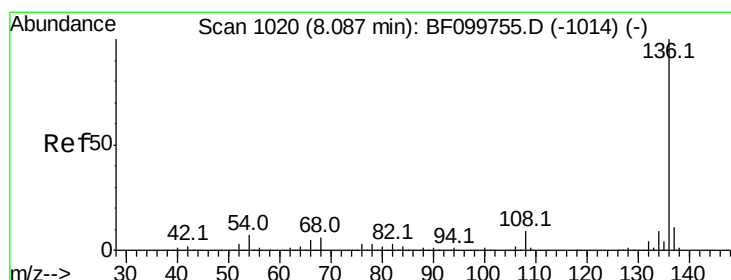
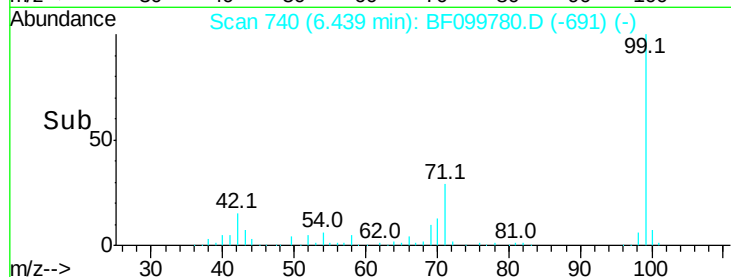
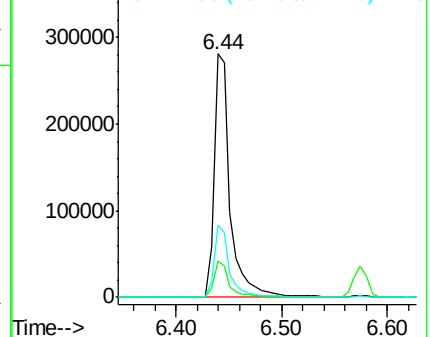
71 29.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF099780.D

Acq: 24 Oct 2017 1:05

Tgt Ion: 136 Resp: 417168

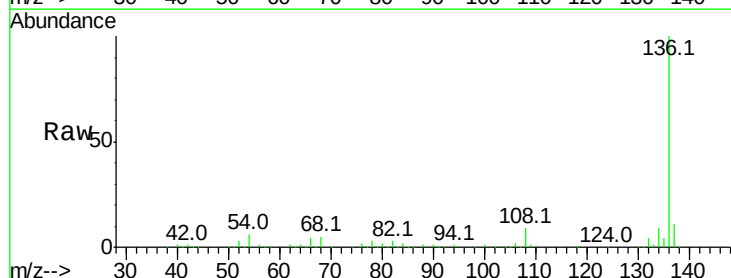
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.2 6.6 9.8#

68 5.3 5.0 7.4

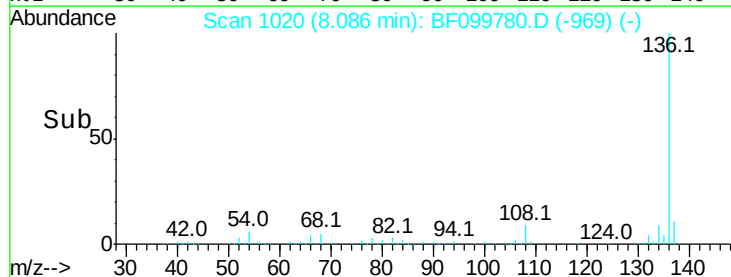
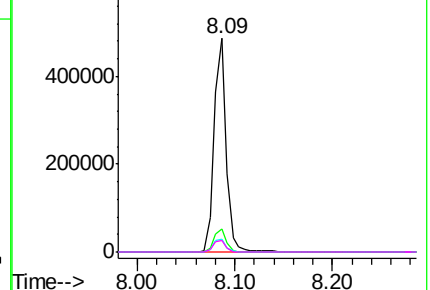


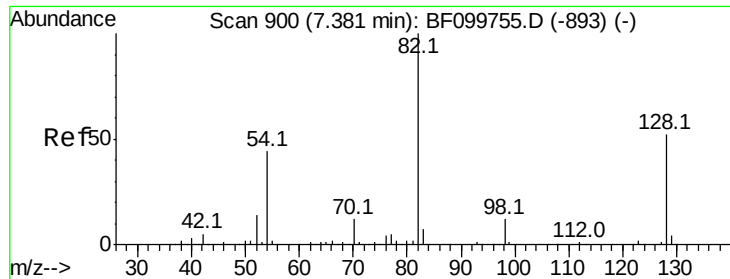
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

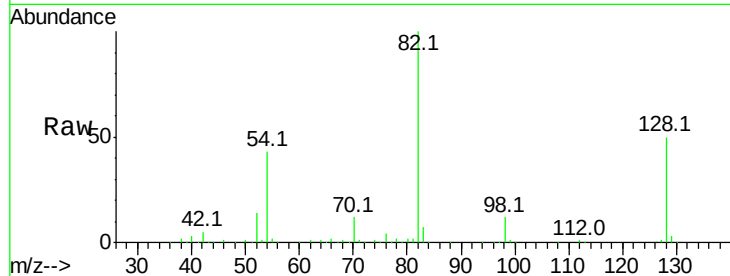




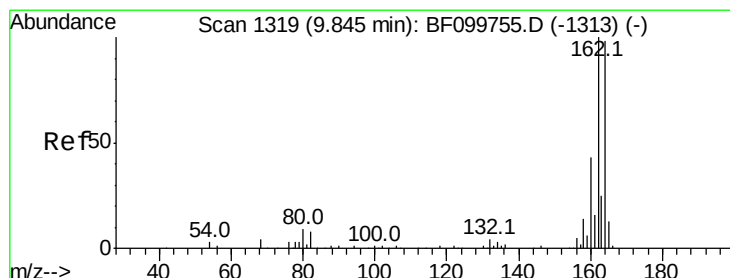
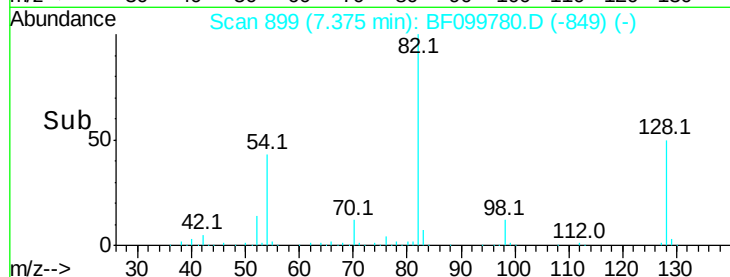
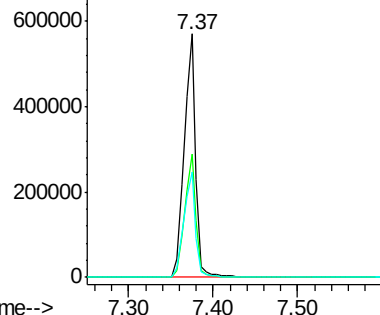
#23
 Nitrobenzene-d5
 Concen: 84.897 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF099780.D
 Acq: 24 Oct 2017 1:05

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT202

Tot Ion: 82 Resp: 550109
 Ion Ratio Lower Upper
 82 100
 128 50.4 36.1 54.1
 54 43.3 41.4 62.2

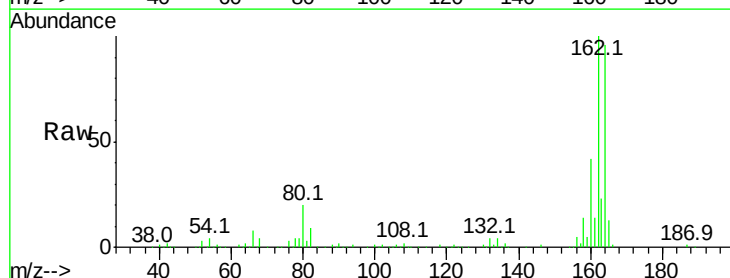


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

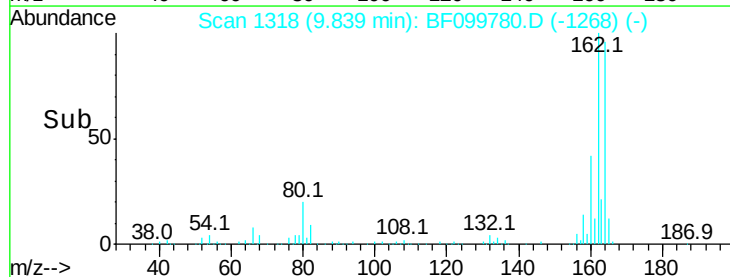
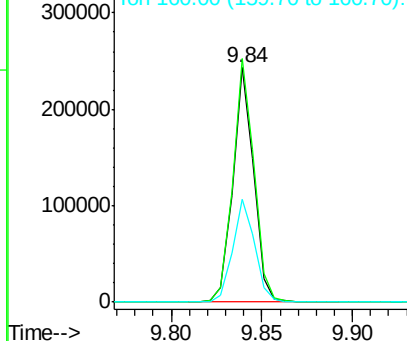


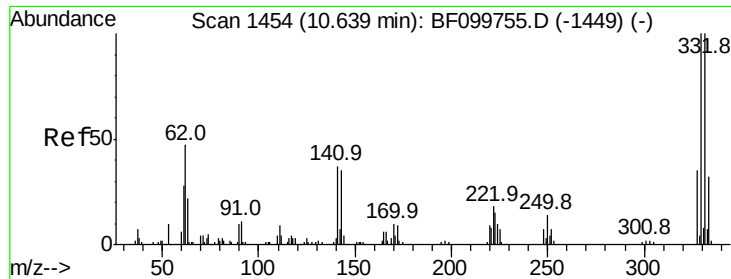
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF099780.D
 Acq: 24 Oct 2017 1:05

Tgt Ion:164 Resp: 194158
 Ion Ratio Lower Upper
 164 100
 162 104.0 86.1 129.1
 160 44.1 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

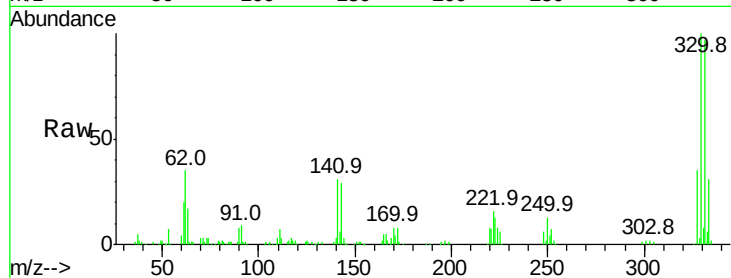




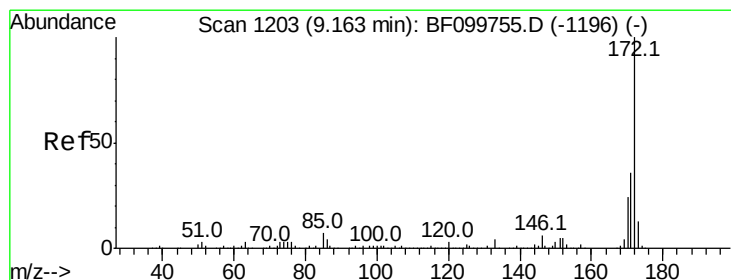
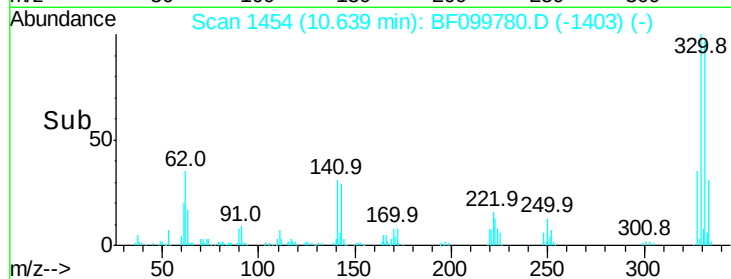
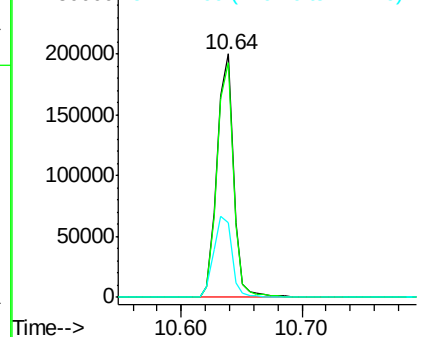
#41
 2,4,6-Tribromophenol
 Concen: 106.556 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF099780.D
 Acq: 24 Oct 2017 1:05

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT202

Tot Ion:330 Resp: 188540
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 36.7 29.9 44.9

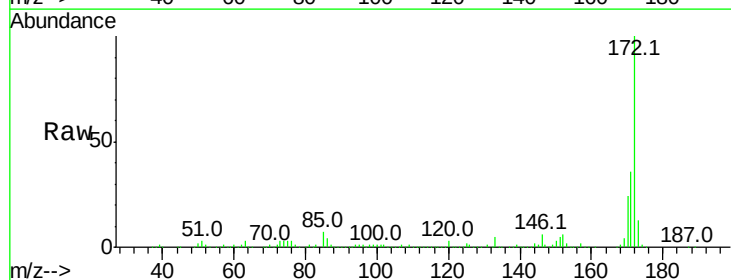


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

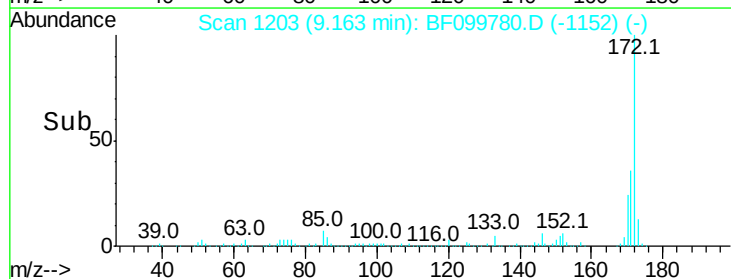
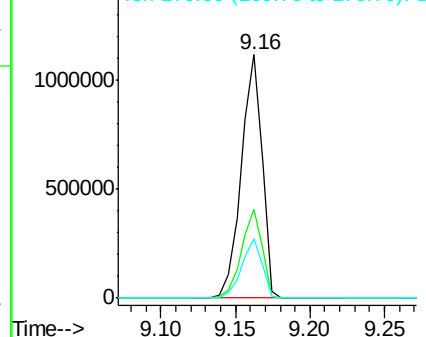


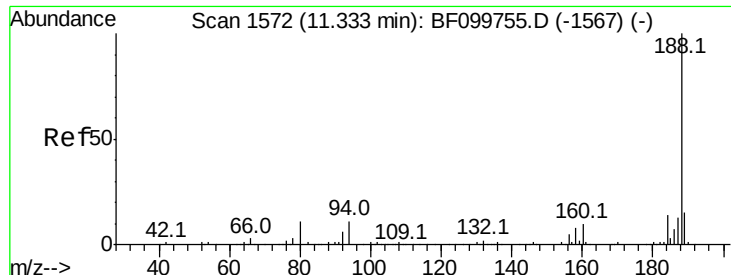
#44
 2-Fluorobiphenyl
 Concen: 87.047 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF099780.D
 Acq: 24 Oct 2017 1:05

Tgt Ion:172 Resp: 1095439
 Ion Ratio Lower Upper
 172 100
 171 36.3 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: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF099780.D

Acq: 24 Oct 2017 1:05

Instrument :

BNA_F

ClientSampleId :

RAV-GT202

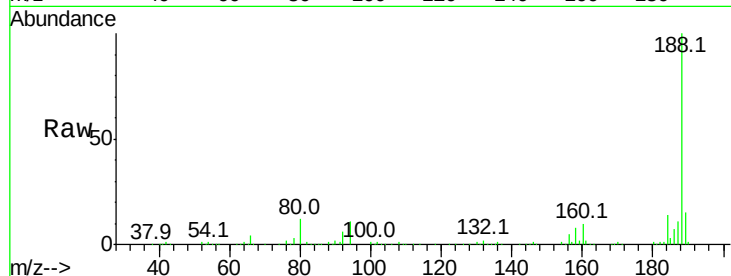
Tot Ion:188 Resp: 316263

Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

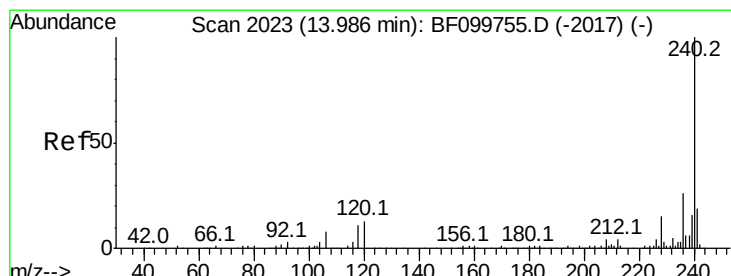
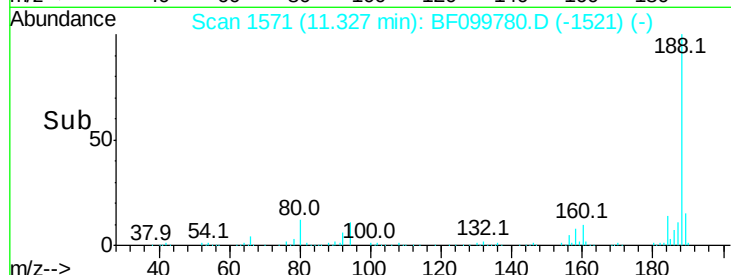
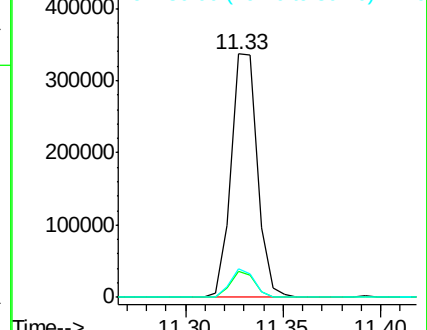
80 11.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF099780.D

Acq: 24 Oct 2017 1:05

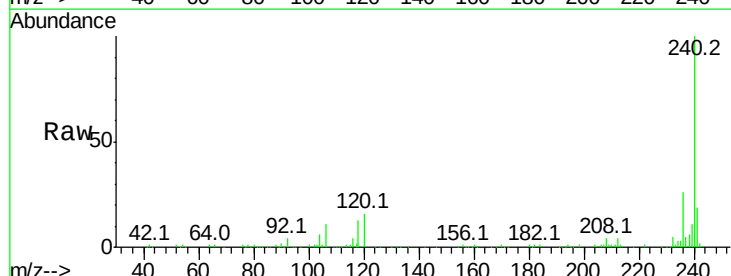
Tgt Ion:240 Resp: 170369

Ion Ratio Lower Upper

240 100

120 15.8 9.5 14.3#

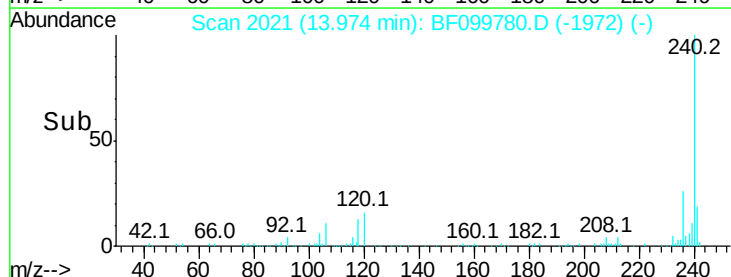
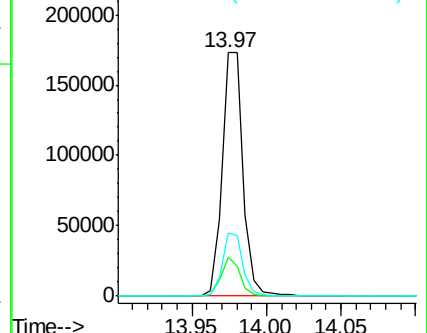
236 26.1 20.7 31.1

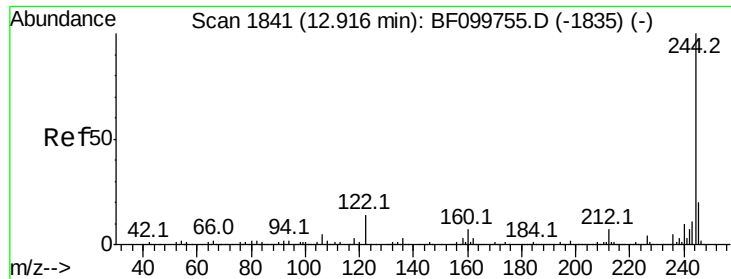


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.823 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BF099780.D

Acq: 24 Oct 2017 1:05

Instrument :

BNA_F

ClientSampleId :

RAV-GT202

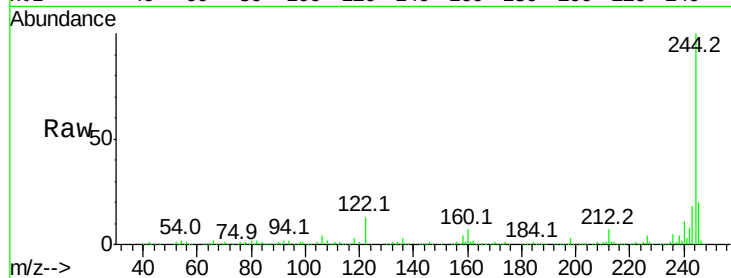
Tot Ion:244 Resp: 723639

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

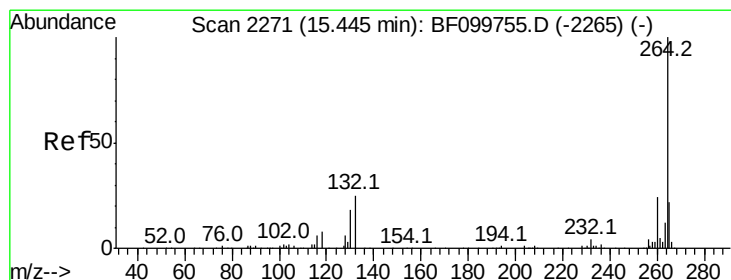
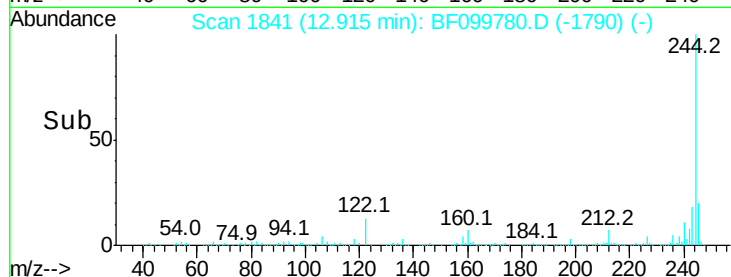
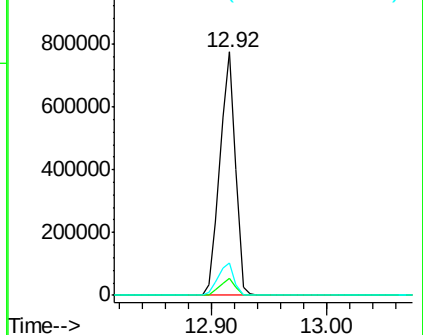
122 13.4 11.0 16.4



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: 15.44 min Scan# 2271

Delta R.T. -0.00 min

Lab File: BF099780.D

Acq: 24 Oct 2017 1:05

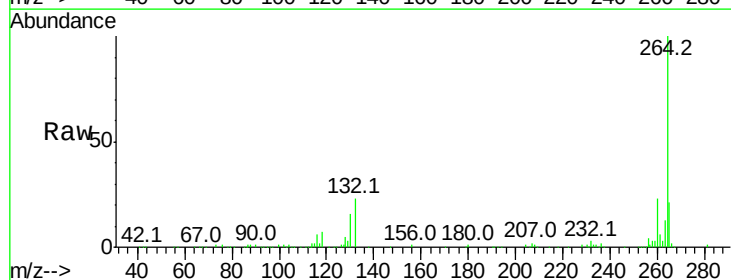
Tgt Ion:264 Resp: 184587

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 20.5 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

