

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
 Data File : BF099056.D
 Acq On : 4 Oct 2017 3:16
 Operator : SJ/JU
 Sample : I5486-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAMT-SSW

Quant Time: Oct 04 04:27:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

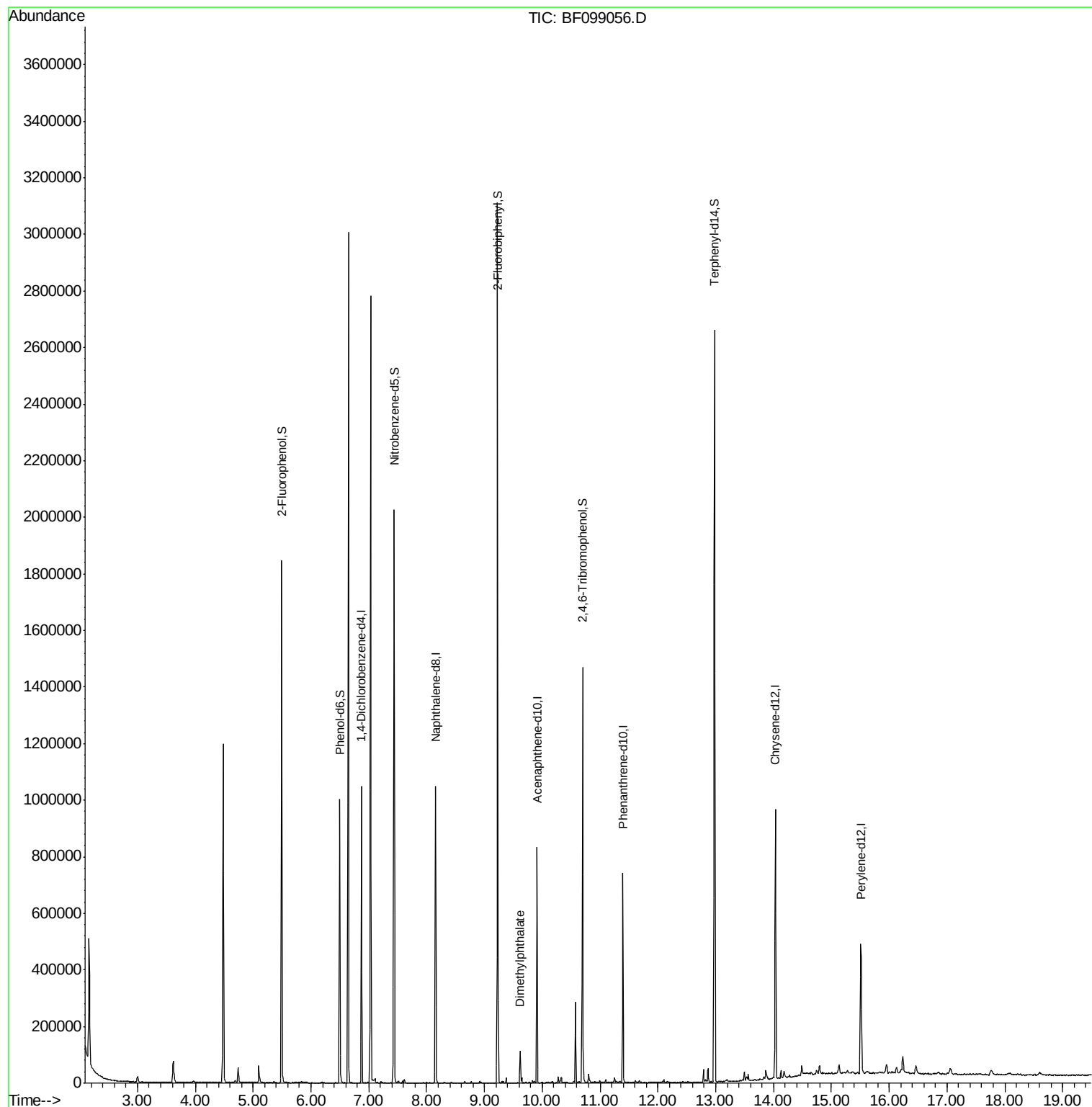
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	140137	20.00	ng	-0.05
21) Naphthalene-d8	8.16	136	491442	20.00	ng	-0.05
38) Acenaphthene-d10	9.91	164	132612	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	254016	20.00	ng	-0.05
75) Chrysene-d12	14.03	240	262338	20.00	ng	-0.05
86) Perylene-d12	15.51	264	151881	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	503553	57.20	ng	-0.05
7) Phenol-d6	6.50	99	286515	26.38	ng	-0.05
23) Nitrobenzene-d5	7.44	82	678263	88.51	ng	-0.05
41) 2,4,6-Tribromophenol	10.70	330	151949	140.03	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	1024449	128.97	ng	-0.05
78) Terphenyl-d14	12.98	244	784450	68.00	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	9.62	163	45046	4.501	ng	99

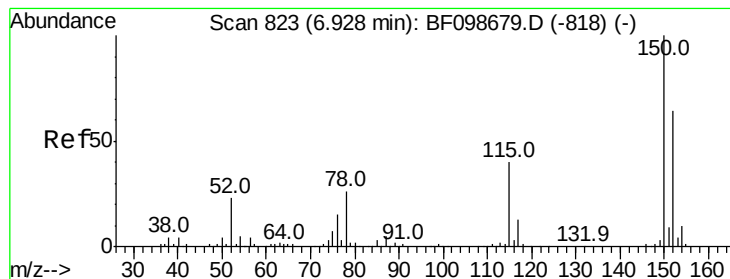
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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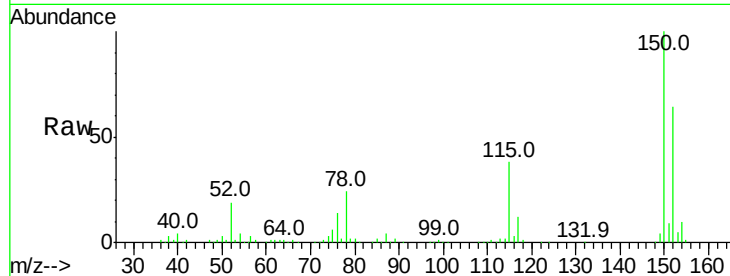


#1

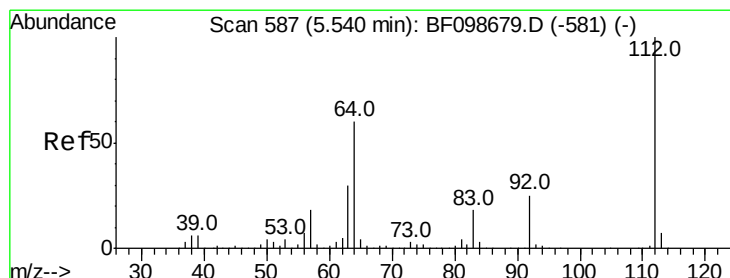
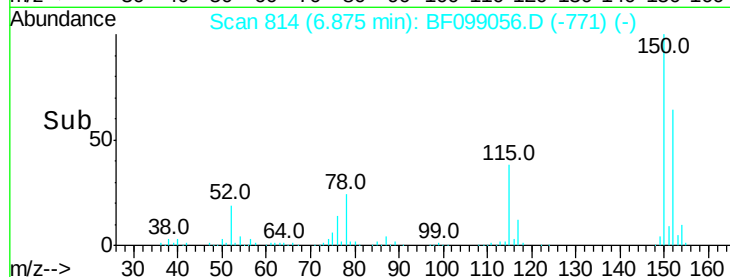
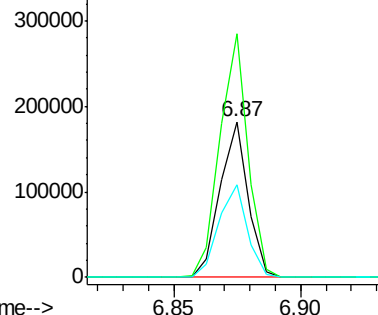
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.05 min
 Lab File: BF099056.D
 Acq: 4 Oct 2017 3:16

Instrument :
 BNA_F
 ClientSampleId :
 PAMT-SSW

Tot Ion:152 Resp: 140137
 Ion Ratio Lower Upper
 152 100
 150 156.2 124.6 186.8
 115 59.5 50.1 75.1



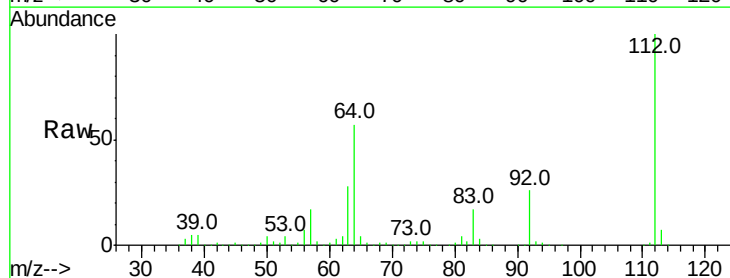
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



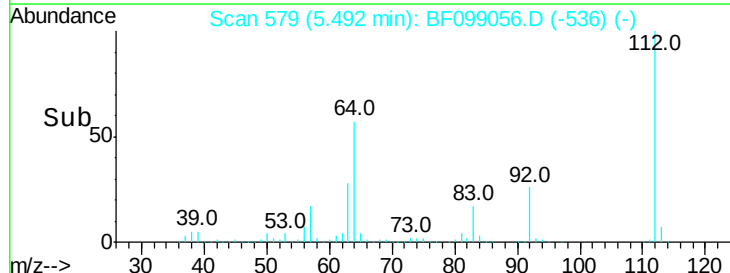
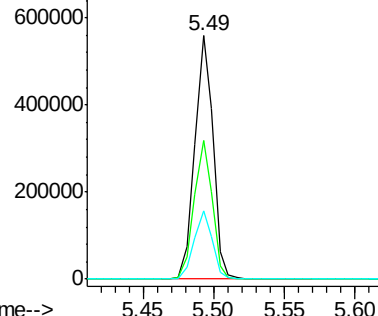
#5

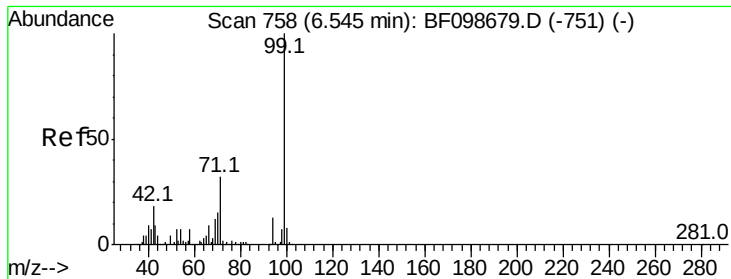
2-Fluorophenol
 Concen: 57.202 ng
 RT: 5.49 min Scan# 579
 Delta R.T. -0.05 min
 Lab File: BF099056.D
 Acq: 4 Oct 2017 3:16

Tgt Ion:112 Resp: 503553
 Ion Ratio Lower Upper
 112 100
 64 57.0 47.9 71.9
 63 28.2 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: 26.383 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.05 min

Lab File: BF099056.D

Acq: 4 Oct 2017 3:16

Instrument :

BNA_F

ClientSampleId :

PAMT-SSW

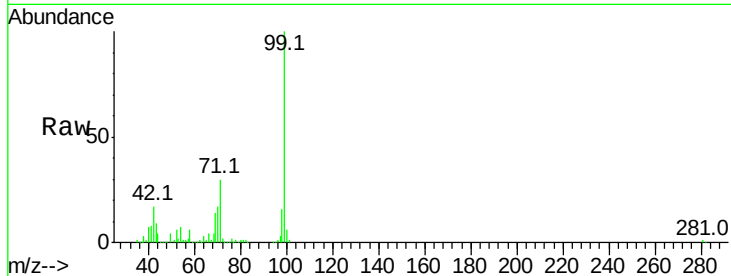
Tot Ion: 99 Resp: 286515

Ion Ratio Lower Upper

99 100

42 17.4 14.5 21.7

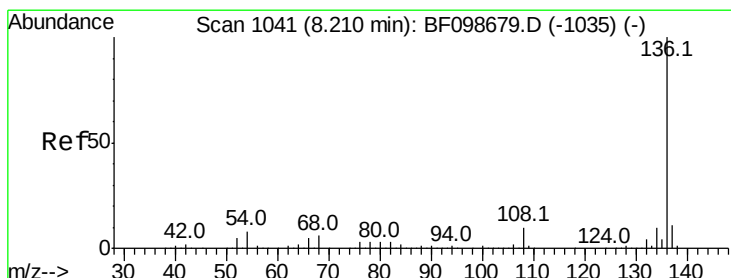
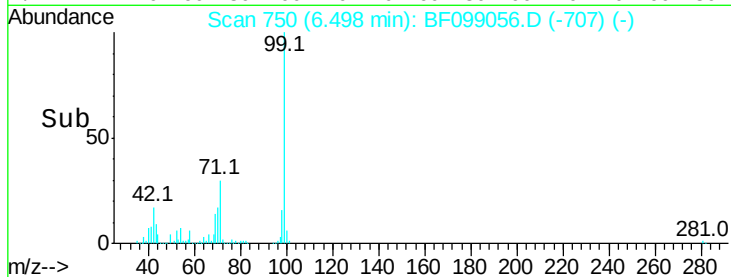
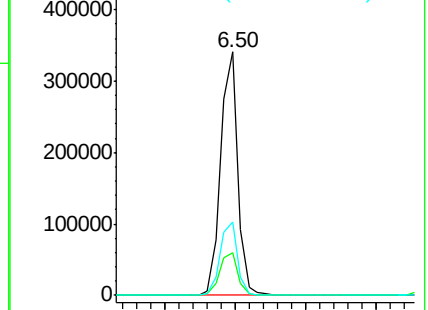
71 30.1 25.4 38.0



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: 8.16 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF099056.D

Acq: 4 Oct 2017 3:16

Tgt Ion: 136 Resp: 491442

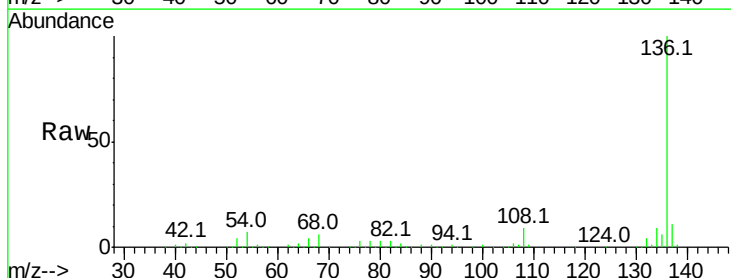
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.2 6.6 9.8

68 5.6 5.0 7.4

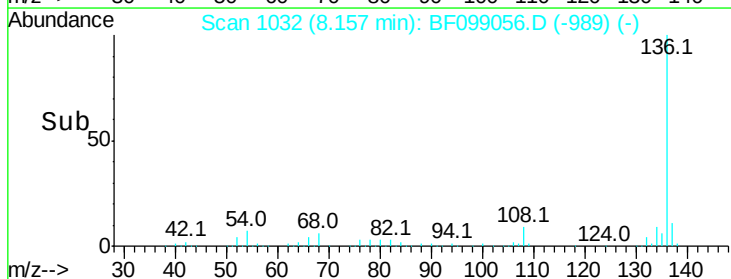
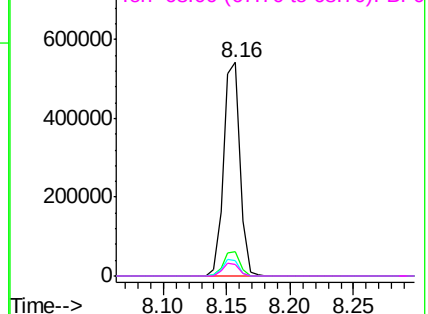


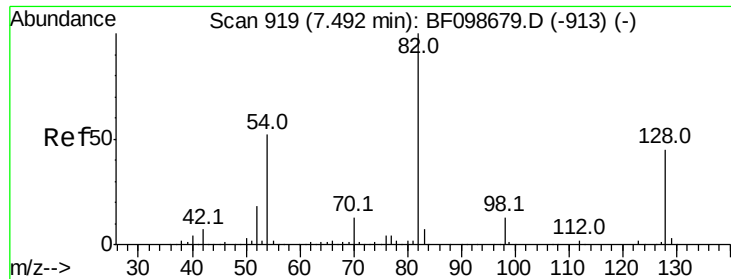
Abundance Ion 136.00 (135.70 to 136.70): E

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

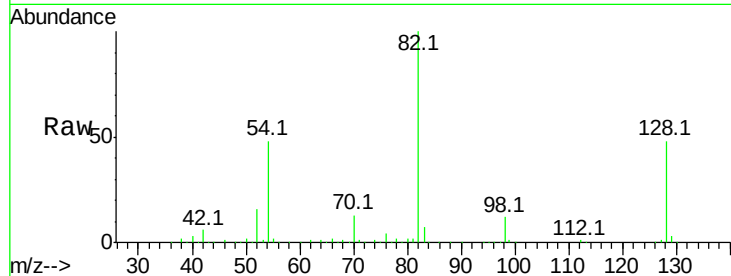




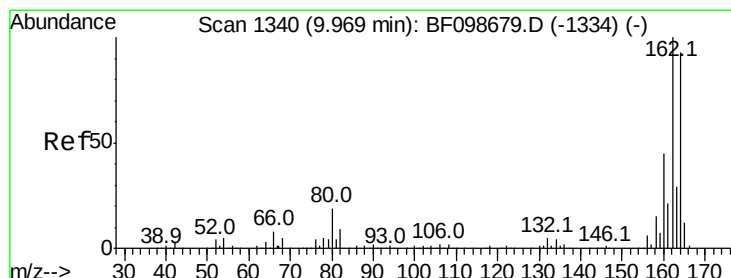
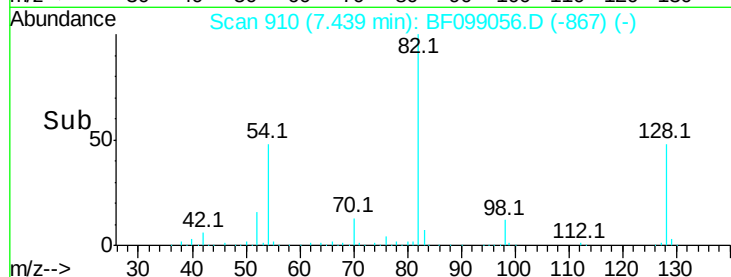
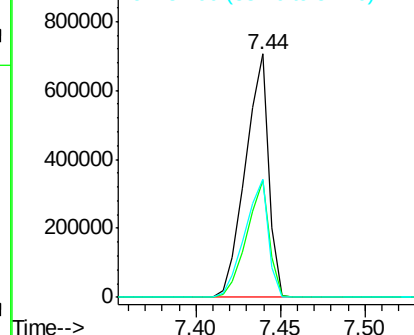
#23
 Nitrobenzene-d5
 Concen: 88.509 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.05 min
 Lab File: BF099056.D
 Acq: 4 Oct 2017 3:16

Instrument :
 BNA_F
 ClientSampled :
 PAMT-SSW

Tot Ion: 82 Resp: 678263
 Ion Ratio Lower Upper
 82 100
 128 48.1 36.1 54.1
 54 48.4 41.4 62.2

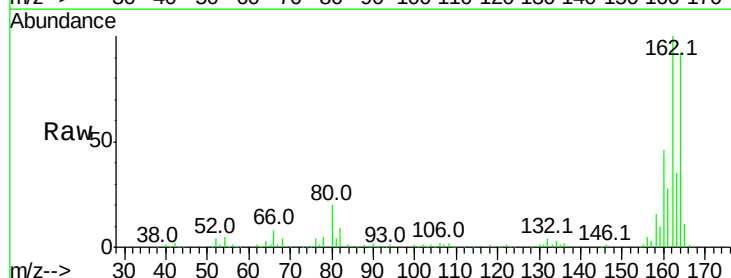


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

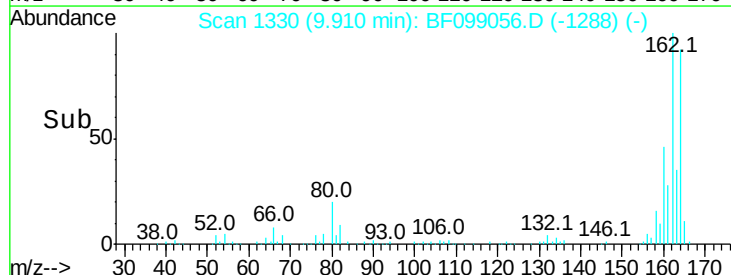
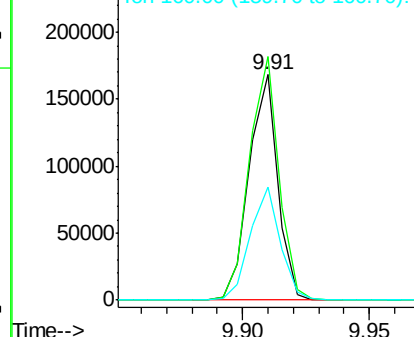


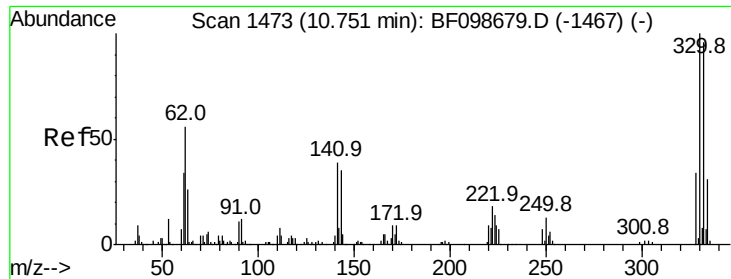
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.05 min
 Lab File: BF099056.D
 Acq: 4 Oct 2017 3:16

Tgt Ion:164 Resp: 132612
 Ion Ratio Lower Upper
 164 100
 162 108.1 86.1 129.1
 160 50.2 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

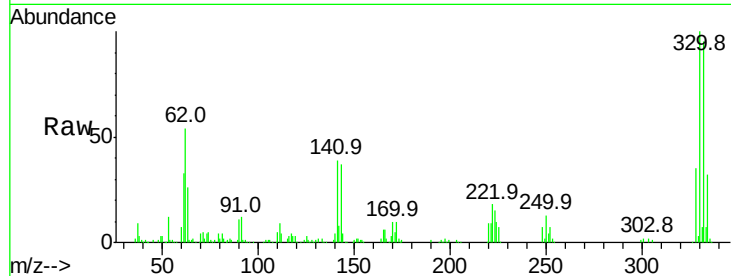




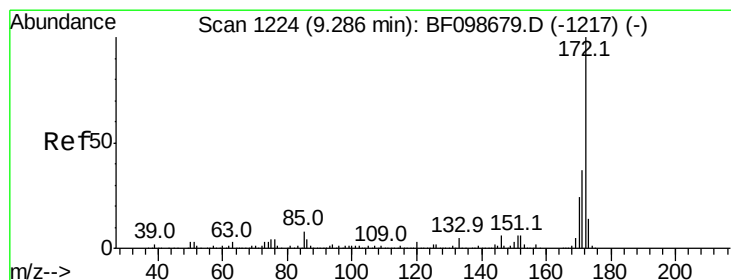
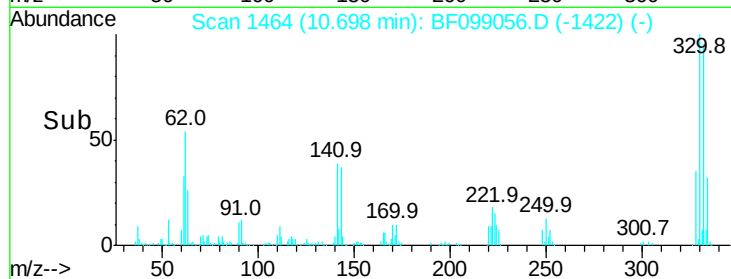
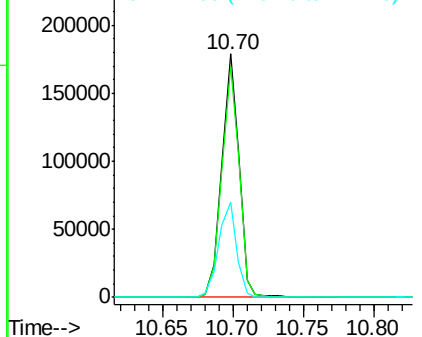
#41
 2,4,6-Tribromophenol
 Concen: 140.029 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.05 min
 Lab File: BF099056.D
 Acq: 4 Oct 2017 3:16

Instrument :
 BNA_F
 ClientSampleId :
 PAMT-SSW

Tot Ion:330 Resp: 151949
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 40.7 29.9 44.9

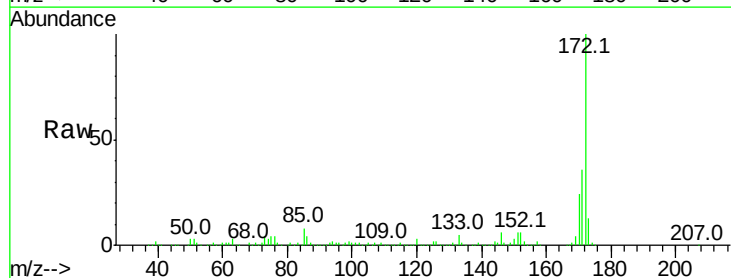


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

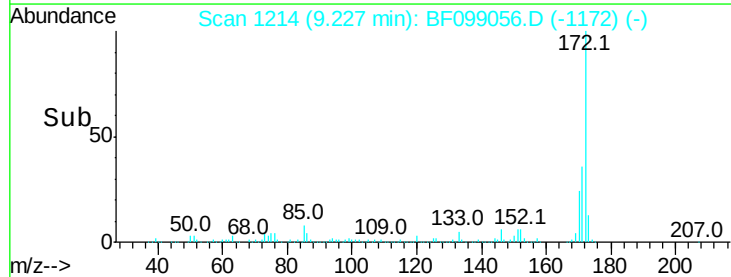
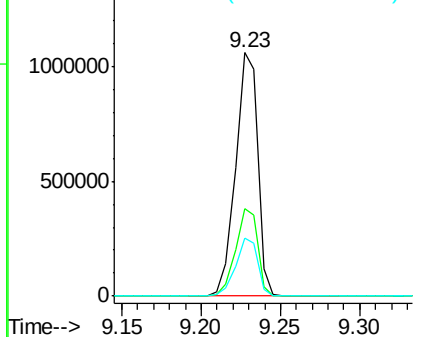


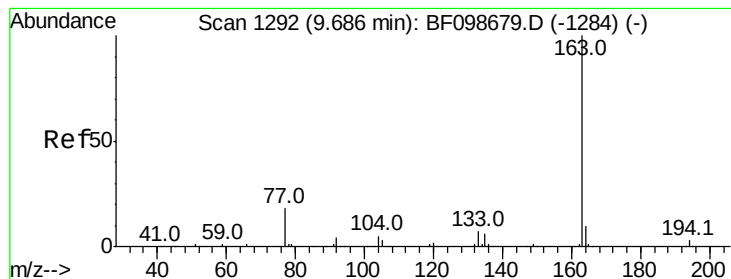
#44
 2-Fluorobiphenyl
 Concen: 128.965 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.05 min
 Lab File: BF099056.D
 Acq: 4 Oct 2017 3:16

Tgt Ion:172 Resp: 1024449
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.9 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: 4.501 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.06 min

Lab File: BF099056.D

Acq: 4 Oct 2017 3:16

Instrument :

BNA_F

ClientSampleId :

PAMT-SSW

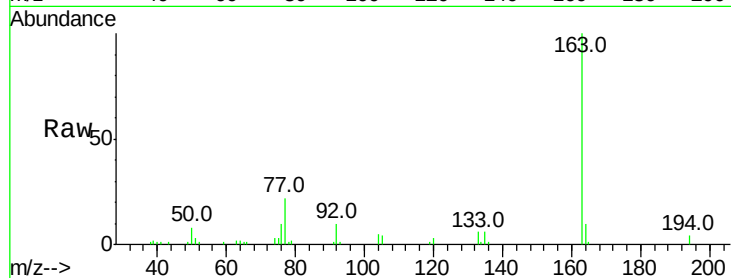
Tot Ion:163 Resp: 45046

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

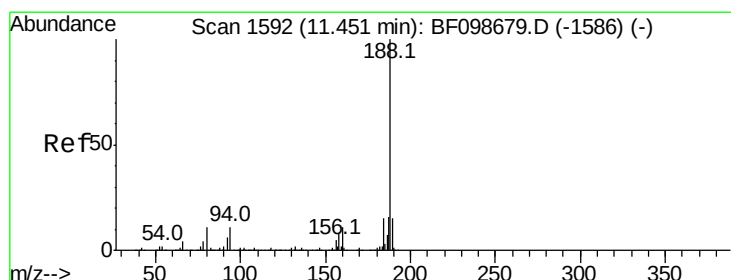
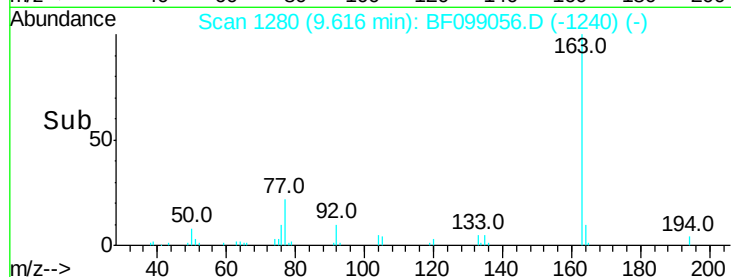
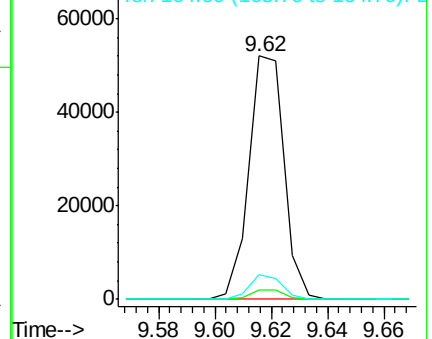
164 10.3 8.2 12.2



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: 11.39 min Scan# 1582

Delta R.T. -0.05 min

Lab File: BF099056.D

Acq: 4 Oct 2017 3:16

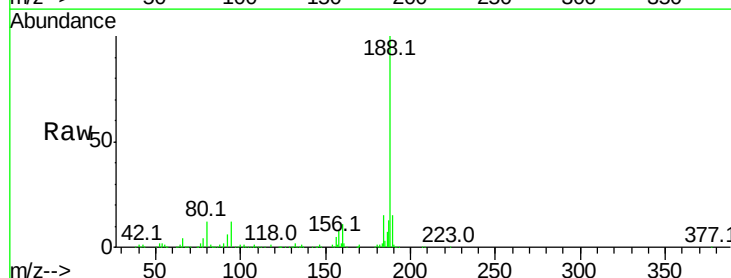
Tgt Ion:188 Resp: 254016

Ion Ratio Lower Upper

188 100

94 11.7 8.5 12.7

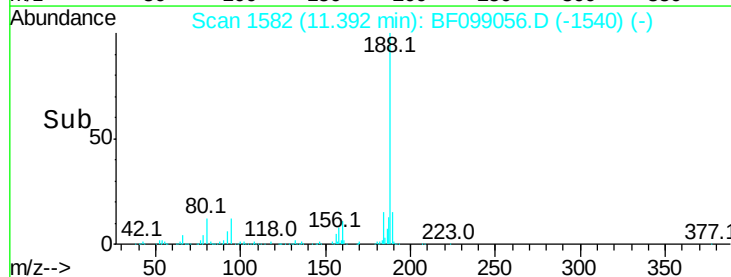
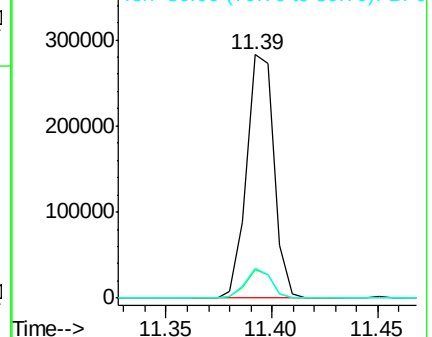
80 12.3 9.2 13.8

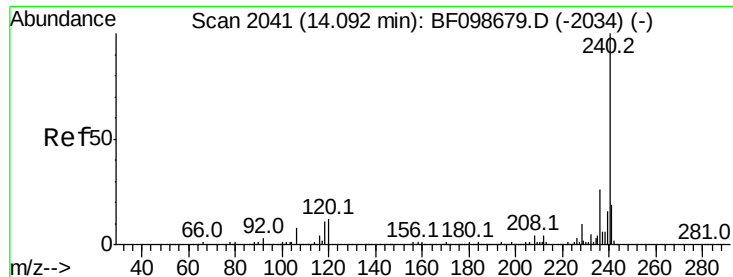


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.03 min Scan# 2031

Delta R.T. -0.05 min

Lab File: BF099056.D

Acq: 4 Oct 2017 3:16

Instrument :

BNA_F

ClientSampleId :

PAMT-SSW

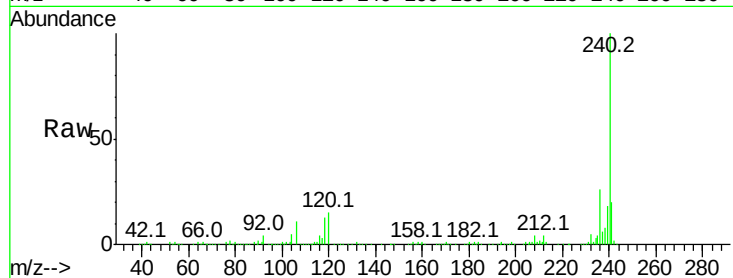
Tot Ion:240 Resp: 262338

Ion Ratio Lower Upper

240 100

120 14.7 9.5 14.3#

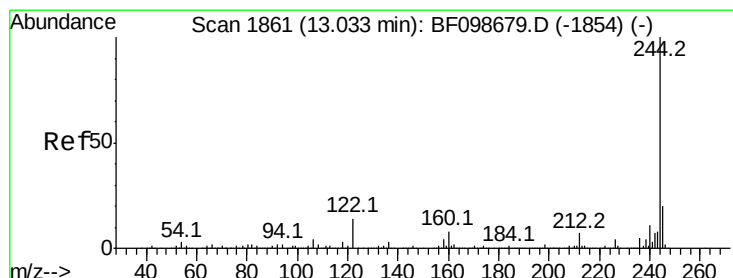
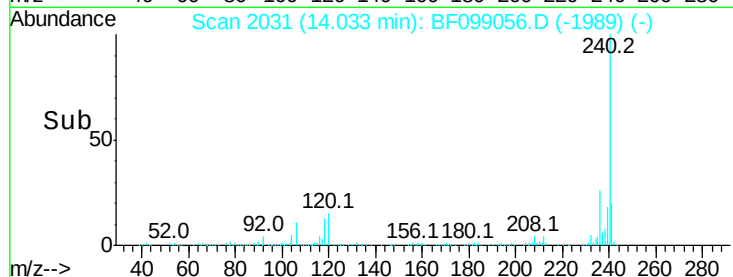
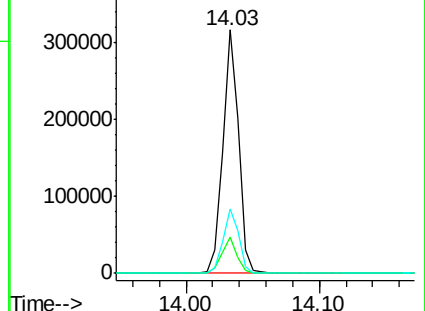
236 26.3 20.7 31.1



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: 68.004 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.05 min

Lab File: BF099056.D

Acq: 4 Oct 2017 3:16

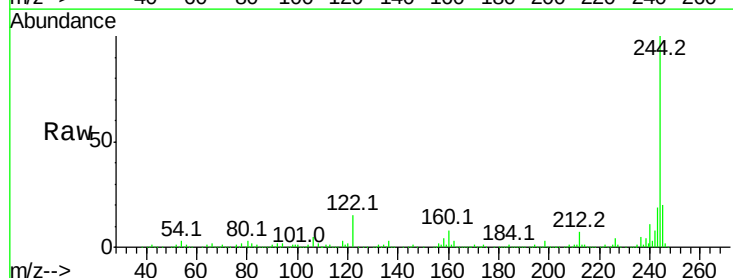
Tgt Ion:244 Resp: 784450

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

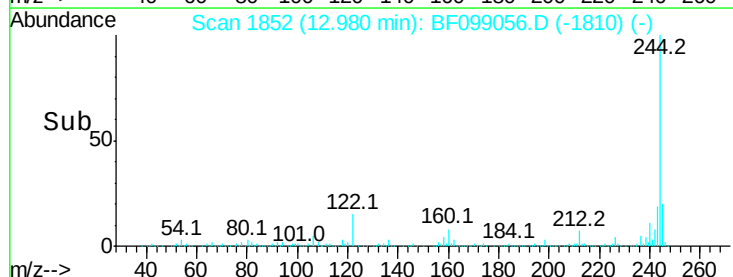
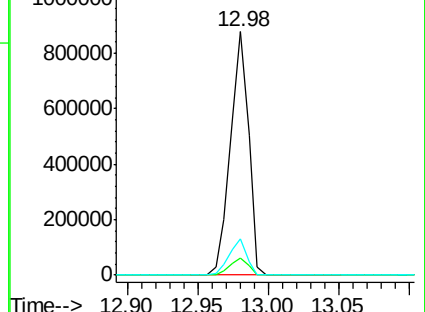
122 14.7 11.0 16.4

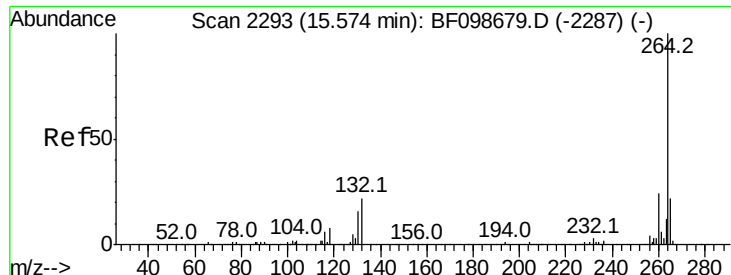


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

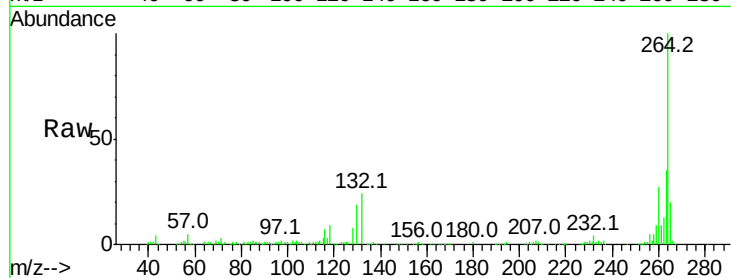




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.06 min
Lab File: BF099056.D
Acq: 4 Oct 2017 3:16

Instrument :
BNA_F
ClientSampleId :
PAMT-SSW

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.9	19.2	28.8
265	20.3	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

