

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099563.D
 Acq On : 17 Oct 2017 00:07
 Operator : SJ/JU
 Sample : I5841-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-101217

Quant Time: Oct 17 04:39:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	108782	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	441398	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	196018	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	317207	20.00	ng	0.00
75) Chrysene-d12	14.01	240	184797	20.00	ng	0.00
86) Perylene-d12	15.49	264	194058	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	750833	109.88	ng	0.01
7) Phenol-d6	6.48	99	827636	98.18	ng	0.00
23) Nitrobenzene-d5	7.41	82	591635	85.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	199820	124.58	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1077843	91.80	ng	-0.01
78) Terphenyl-d14	12.95	244	764936	94.14	ng	0.00

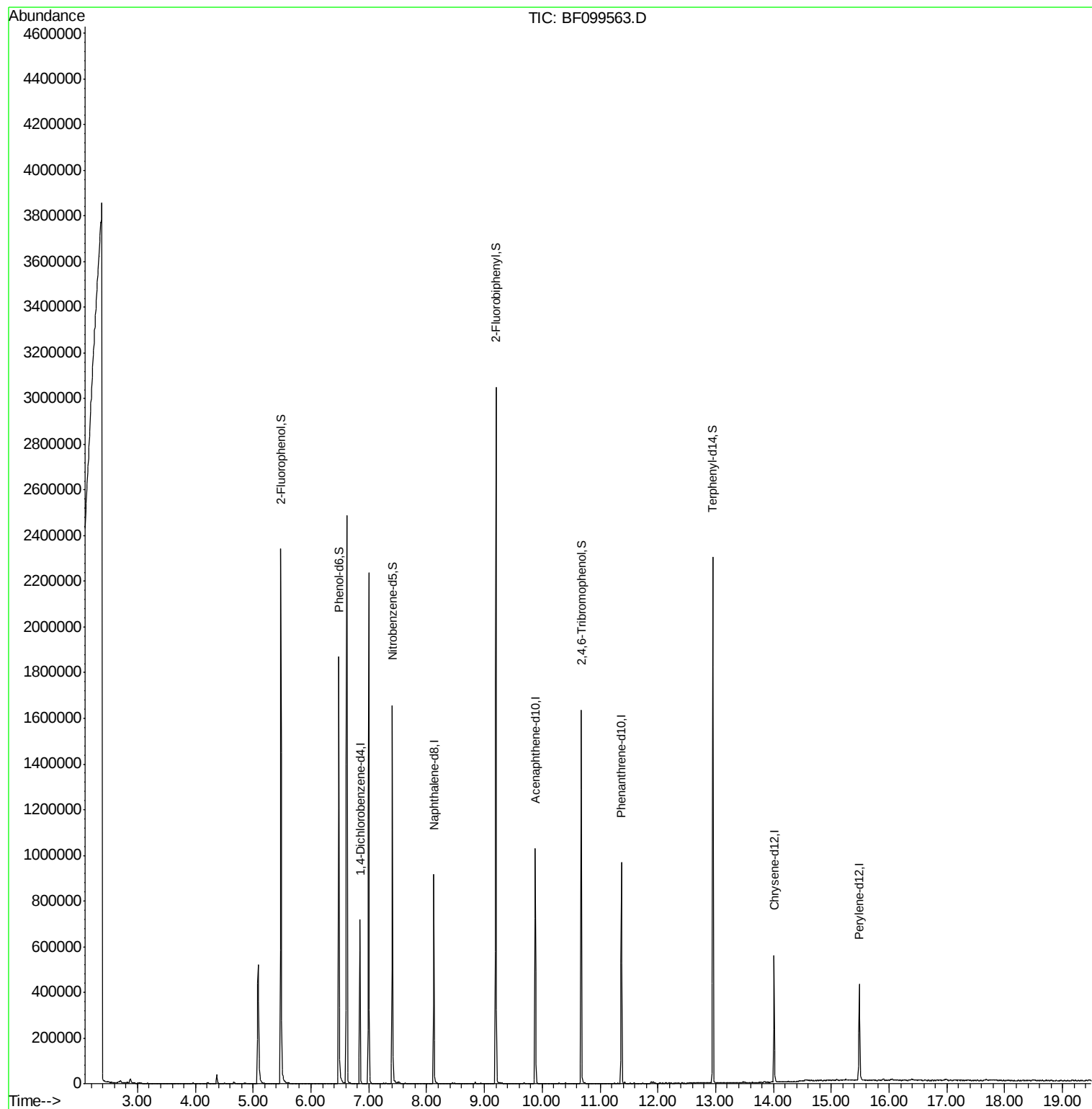
Target Compounds Qvalue

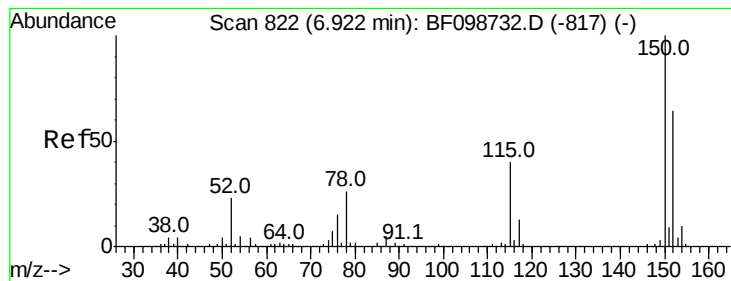
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF099563.D

Acq: 17 Oct 2017 00:07

Instrument :

BNA_F

ClientSampleId :

TR-04-101217

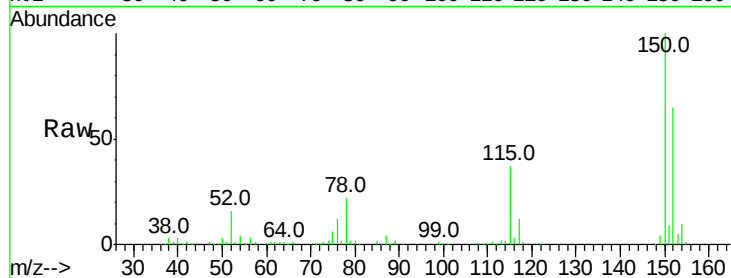
Tot Ion:152 Resp: 108782

Ion Ratio Lower Upper

152 100

150 154.5 124.6 186.8

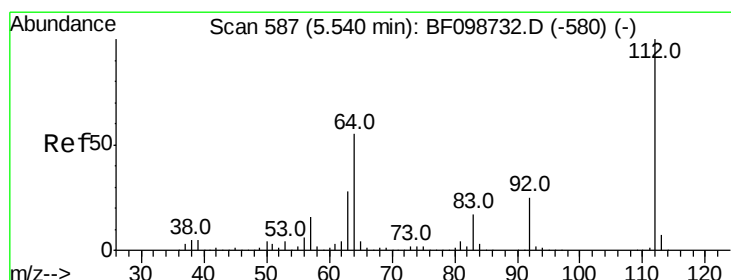
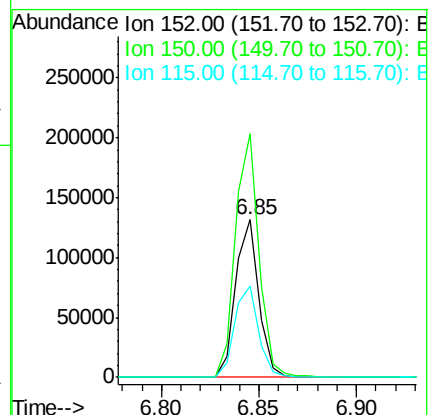
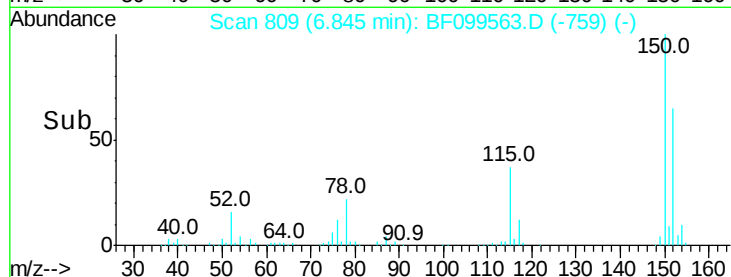
115 57.9 50.1 75.1



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: 109.876 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF099563.D

Acq: 17 Oct 2017 00:07

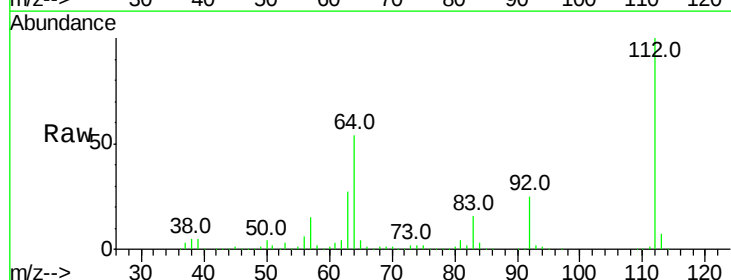
Tgt Ion:112 Resp: 750833

Ion Ratio Lower Upper

112 100

64 53.5 47.9 71.9

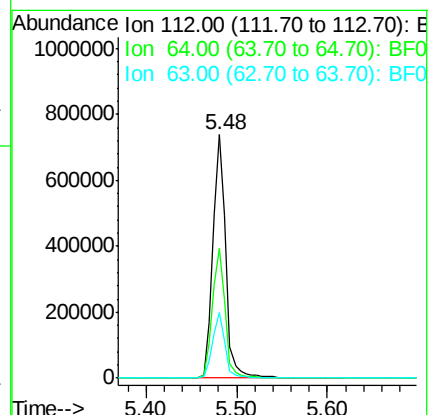
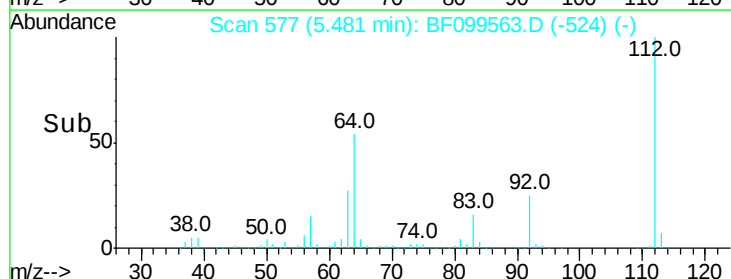
63 26.8 23.7 35.5



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: 98.179 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099563.D

Acq: 17 Oct 2017 00:07

Instrument :

BNA_F

ClientSampleId :

TR-04-101217

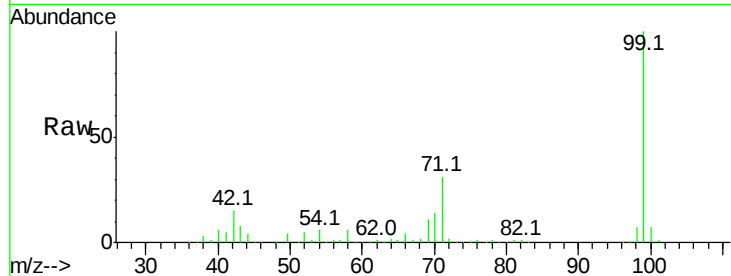
Tot Ion: 99 Resp: 827636

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

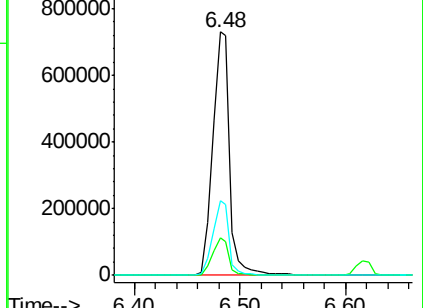
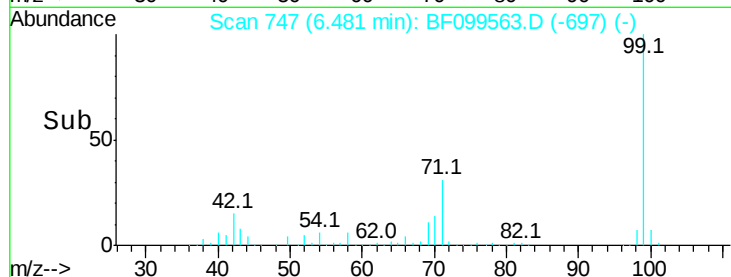
71 30.6 25.4 38.0



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: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF099563.D

Acq: 17 Oct 2017 00:07

Tgt Ion: 136 Resp: 441398

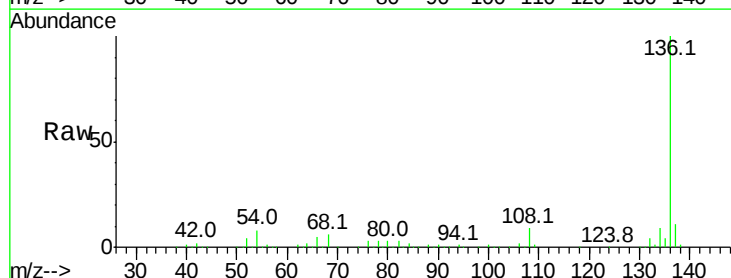
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.6 6.6 9.8

68 6.3 5.0 7.4

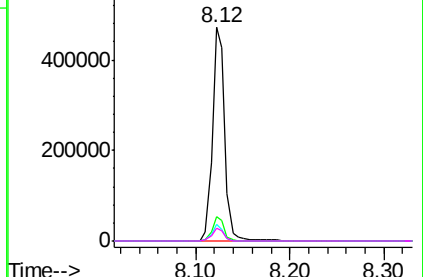
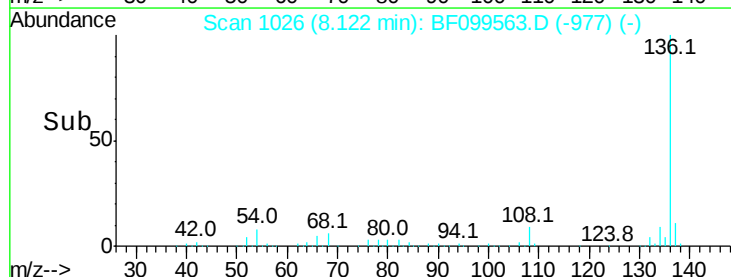


Abundance Ion 136.00 (135.70 to 136.70): E

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

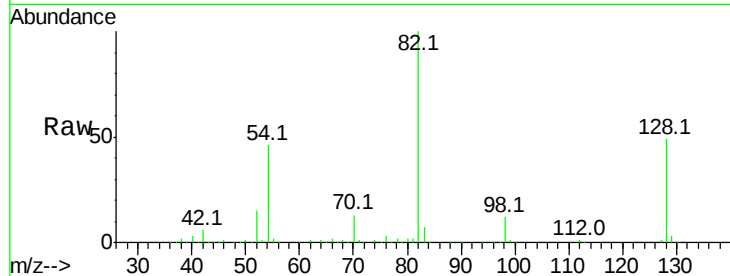




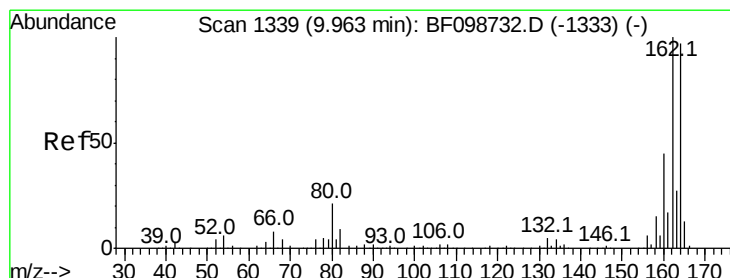
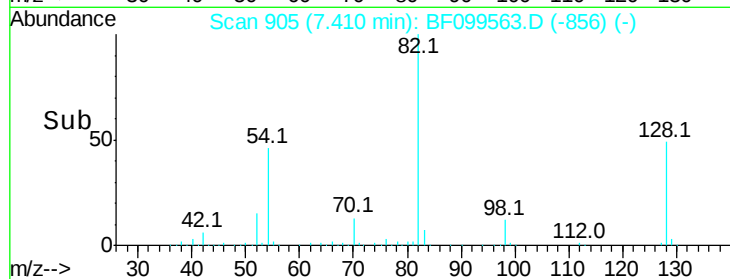
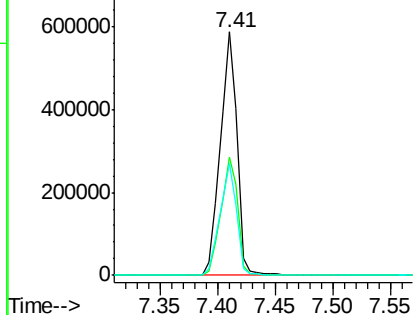
#23
 Nitrobenzene-d5
 Concen: 85.958 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF099563.D
 Acq: 17 Oct 2017 00:07

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-101217

Tot Ion	82	Resp	591635
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	46.1	41.4	62.2

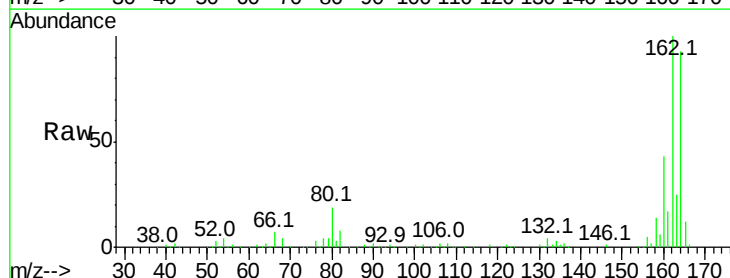


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

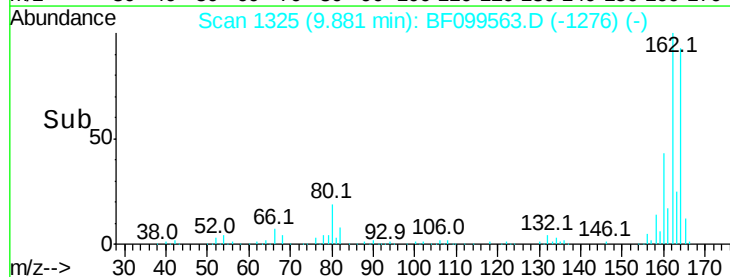
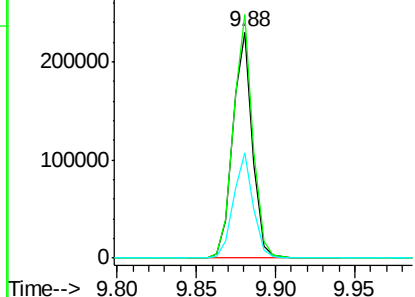


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF099563.D
 Acq: 17 Oct 2017 00:07

Tgt Ion	164	Resp	196018
Ion Ratio	100		
Lower	86.1		
Upper	129.1		
162	107.6	38.3	57.5
160	46.4		



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

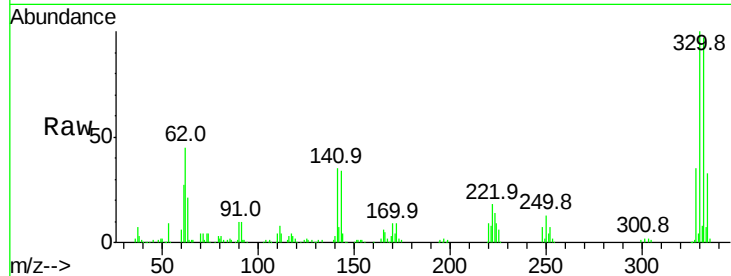




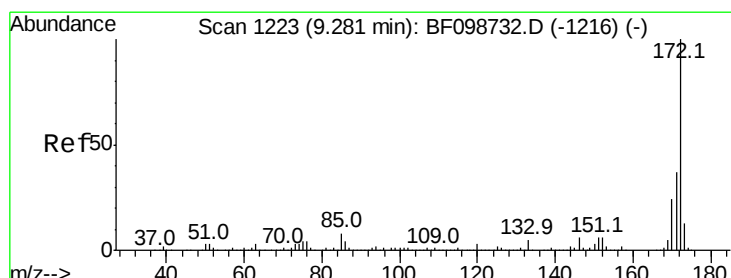
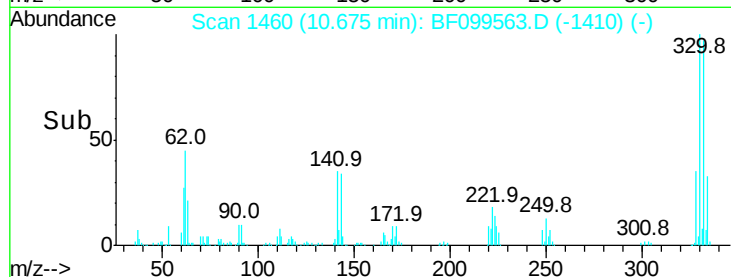
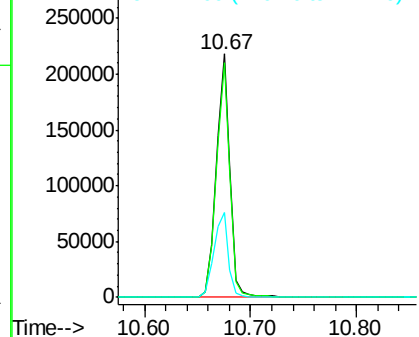
#41
 2,4,6-Tribromophenol
 Concen: 124.579 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF099563.D
 Acq: 17 Oct 2017 00:07

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-101217

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	36.5	29.9	44.9

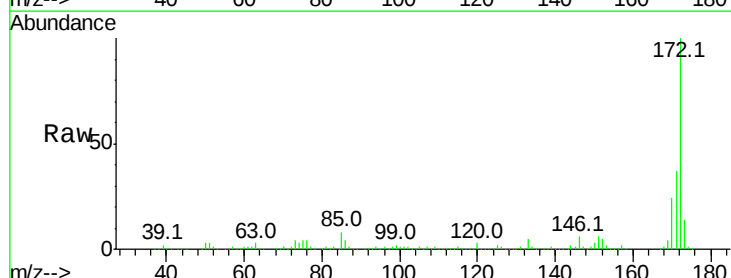


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

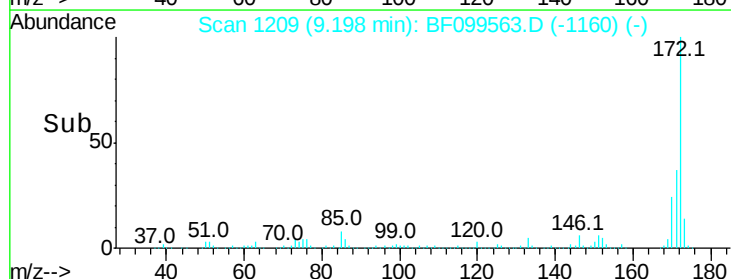
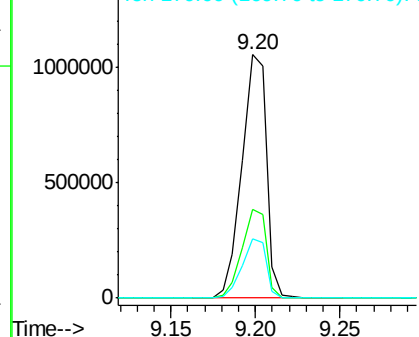


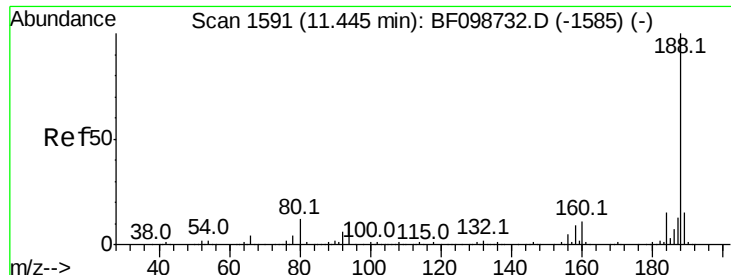
#44
 2-Fluorobiphenyl
 Concen: 91.796 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF099563.D
 Acq: 17 Oct 2017 00:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.2	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

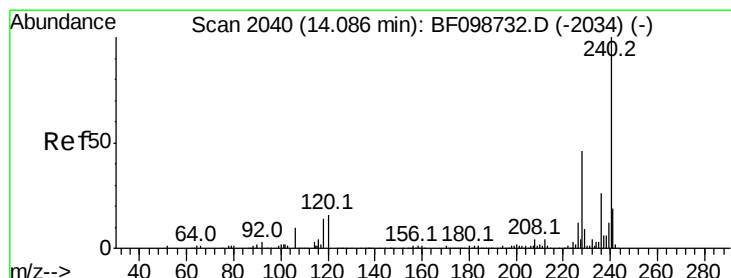
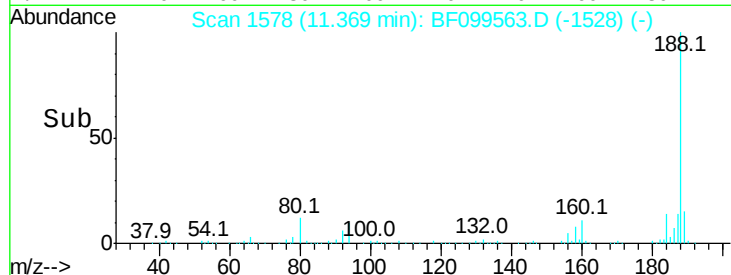
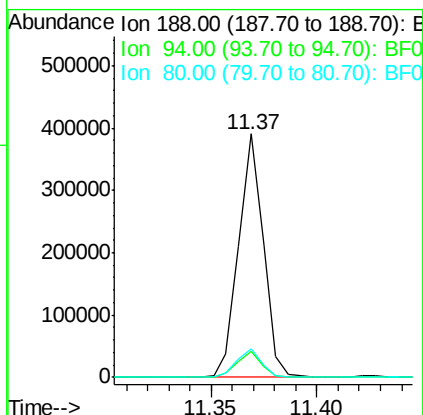
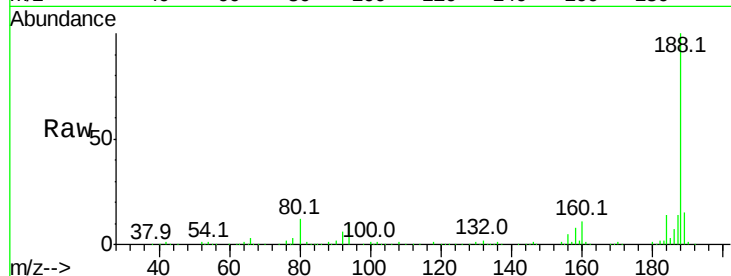




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099563.D
Acq: 17 Oct 2017 00:07

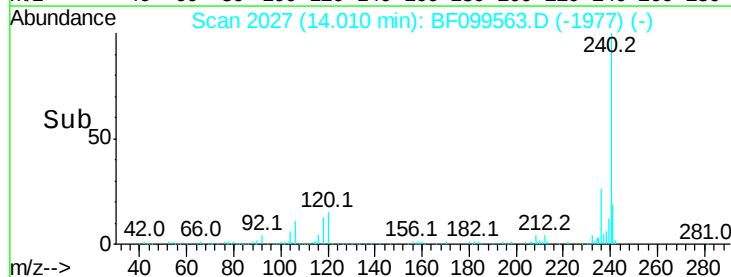
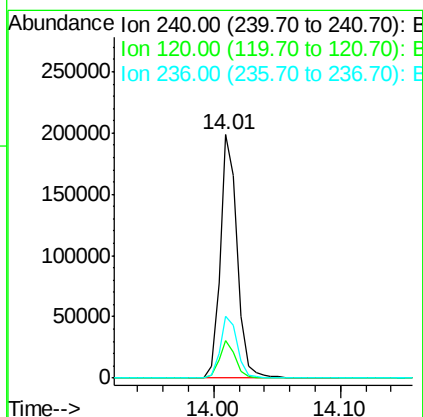
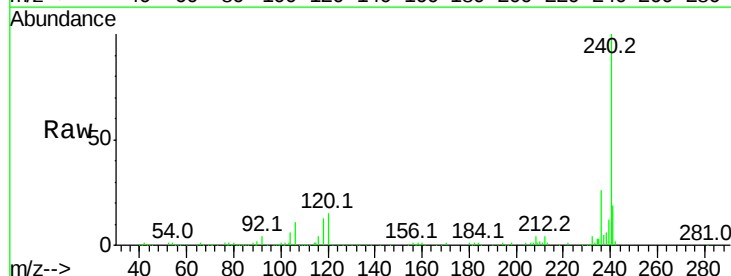
Instrument :
BNA_F
ClientSampleId :
TR-04-101217

Tot Ion:188 Resp: 317207
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099563.D
Acq: 17 Oct 2017 00:07

Tgt Ion:240 Resp: 184797
Ion Ratio Lower Upper
240 100
120 15.3 9.5 14.3#
236 25.7 20.7 31.1





#78

Terphenyl-d14

Concen: 94.137 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF099563.D

Acq: 17 Oct 2017 00:07

Instrument :

BNA_F

ClientSampleId :

TR-04-101217

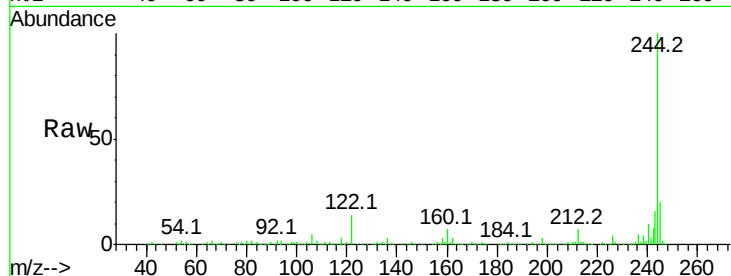
Tot Ion:244 Resp: 764936

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

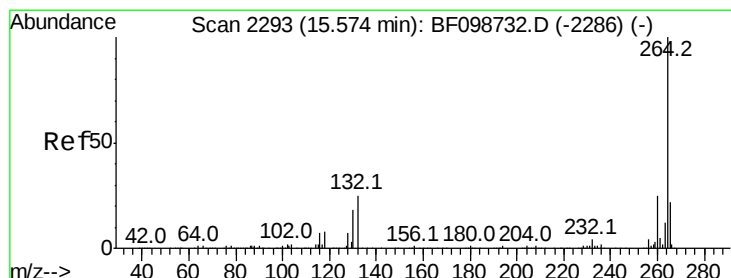
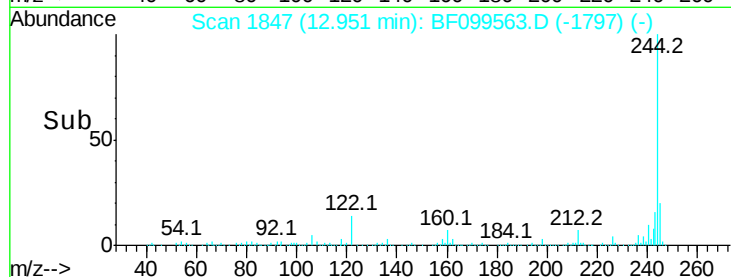
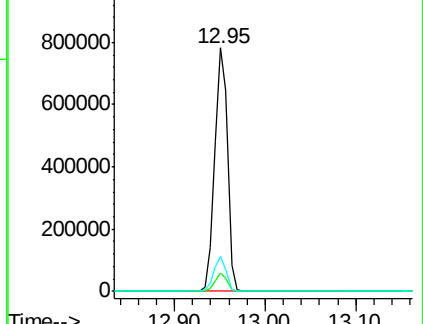
122 14.5 11.0 16.4



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: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BF099563.D

Acq: 17 Oct 2017 00:07

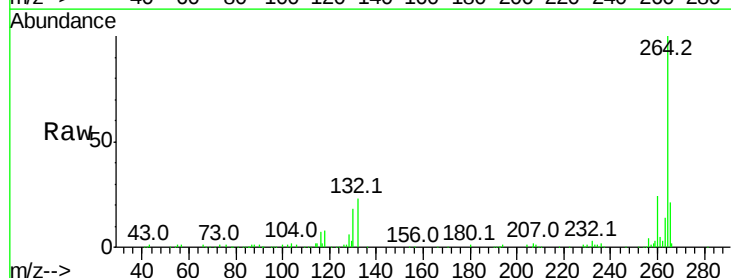
Tgt Ion:264 Resp: 194058

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 20.8 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

