

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
 Data File : BF099203.D
 Acq On : 7 Oct 2017 19:25
 Operator : SJ/JU
 Sample : I5586-11 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G54A-3.5-7

Quant Time: Oct 08 04:52:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Oct 08 03:54:40 2017
 Response via : Initial Calibration

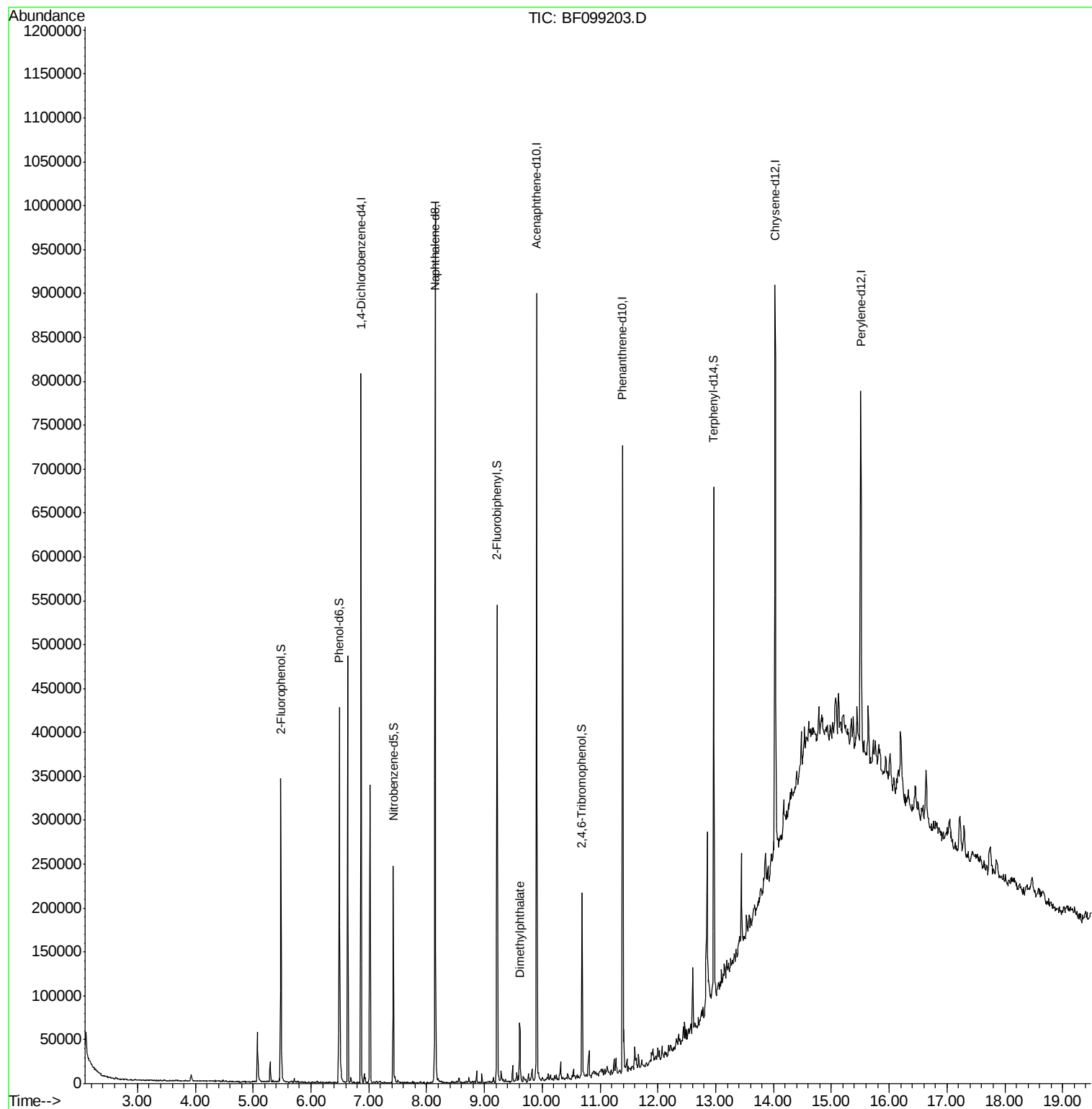
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	120267	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	438314	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	169021	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	261651	20.00	ng	0.00
75) Chrysene-d12	14.03	240	218082	20.00	ng	0.00
86) Perylene-d12	15.51	264	160857	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	111366	14.74	ng	0.00
7) Phenol-d6	6.49	99	146756	15.75	ng	0.00
23) Nitrobenzene-d5	7.42	82	73225	10.71	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	22320	16.14	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	162415	16.04	ng	0.00
78) Terphenyl-d14	12.97	244	156817	16.35	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.61	163	25871	2.028	ng	100

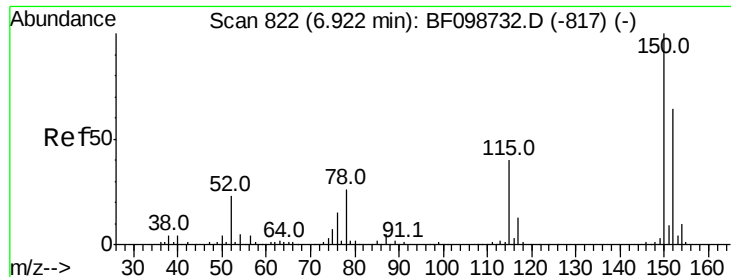
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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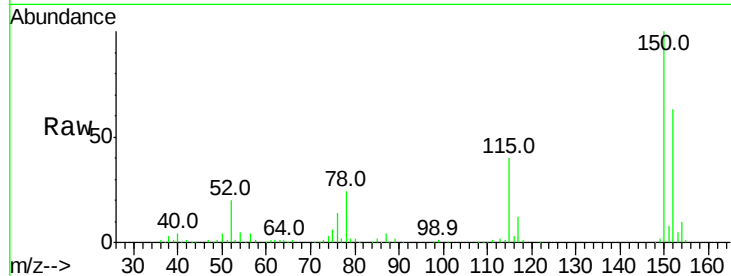


#1

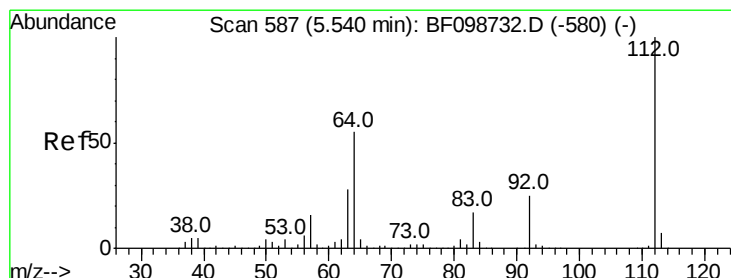
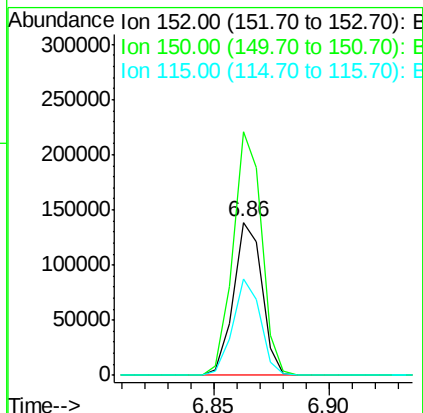
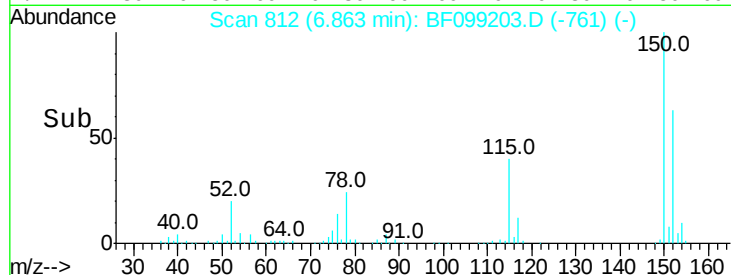
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF099203.D
 Acq: 7 Oct 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :
 G54A-3.5-7

Tot Ion:152 Resp: 120267
 Ion Ratio Lower Upper
 152 100
 150 158.8 124.6 186.8
 115 62.7 50.1 75.1



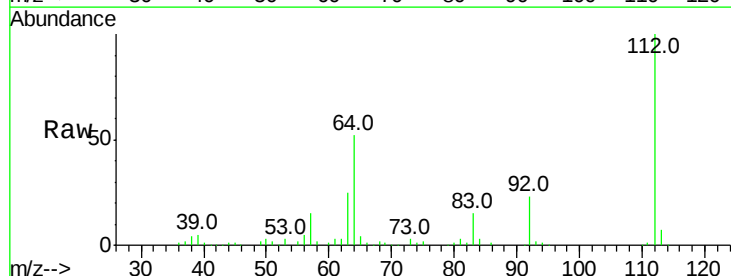
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



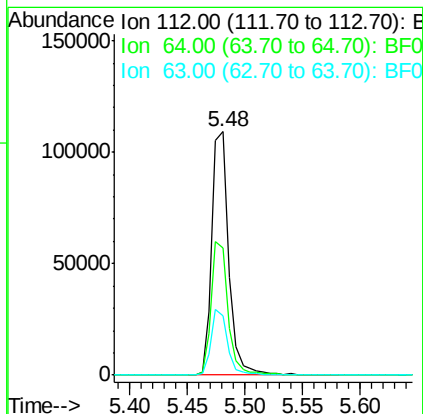
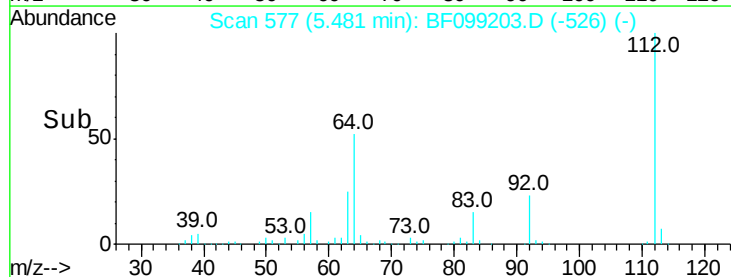
#5

2-Fluorophenol
 Concen: 14.741 ng
 RT: 5.48 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF099203.D
 Acq: 7 Oct 2017 19:25

Tgt Ion:112 Resp: 111366
 Ion Ratio Lower Upper
 112 100
 64 52.1 47.9 71.9
 63 24.6 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: 15.747 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099203.D

Acq: 7 Oct 2017 19:25

Instrument :

BNA_F

ClientSampled :

G54A-3.5-7

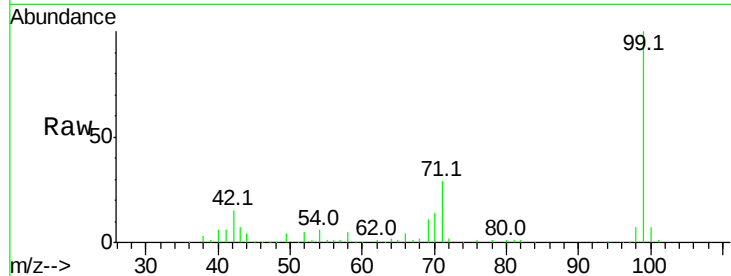
Tot Ion: 99 Resp: 146756

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

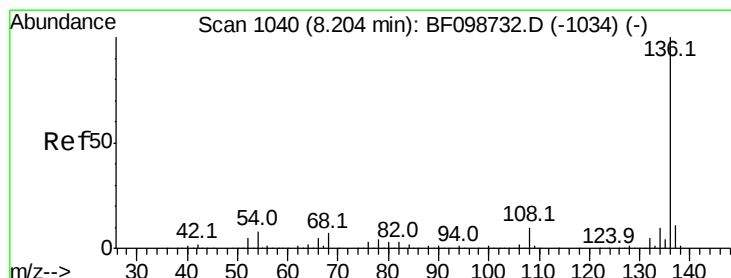
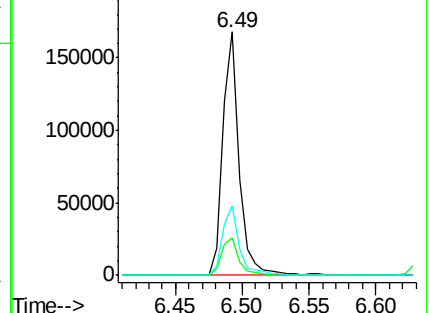
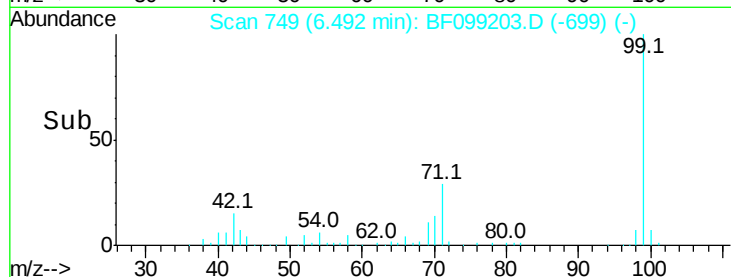
71 28.6 25.4 38.0



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: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF099203.D

Acq: 7 Oct 2017 19:25

Tgt Ion: 136 Resp: 438314

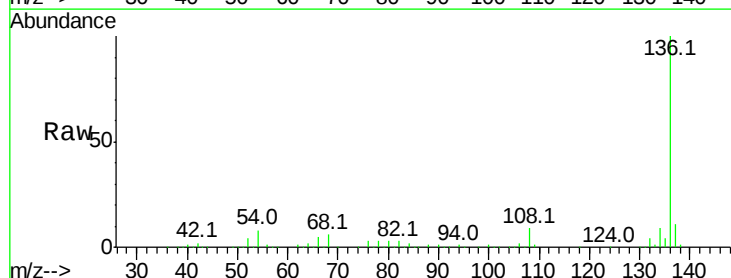
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.3 6.6 9.8

68 6.3 5.0 7.4

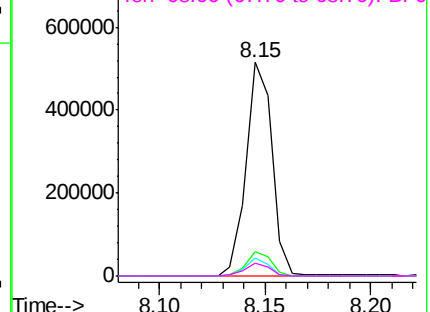
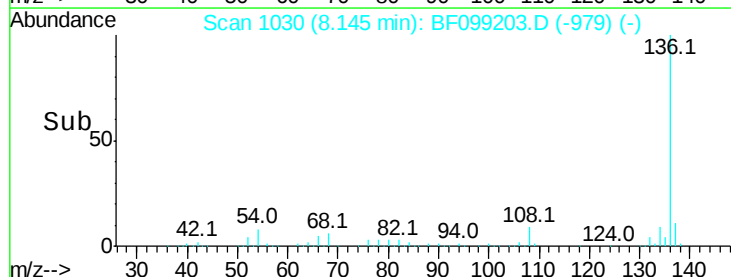


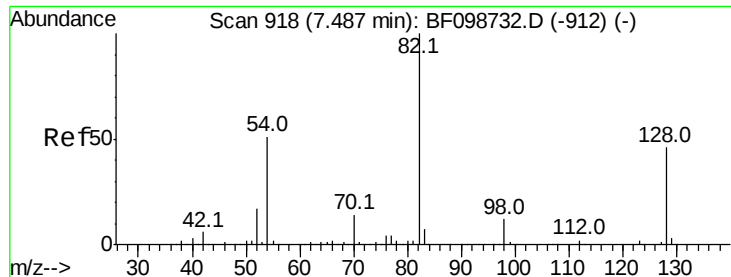
Abundance Ion 136.00 (135.70 to 136.70): E

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

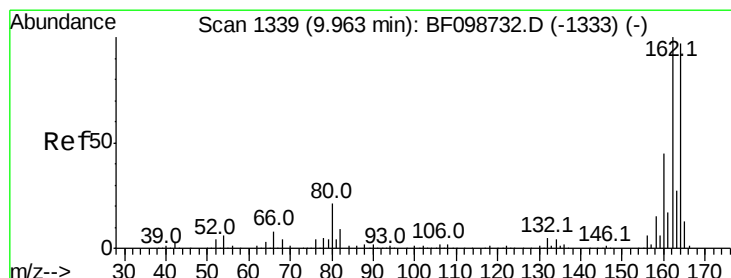
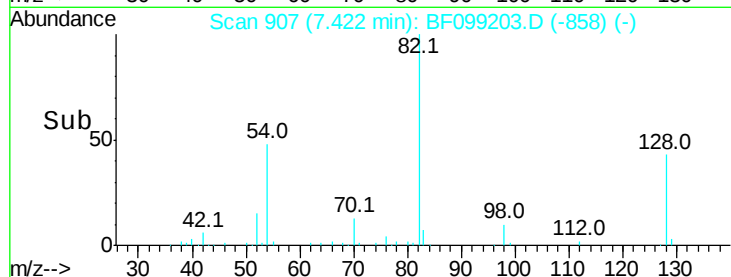
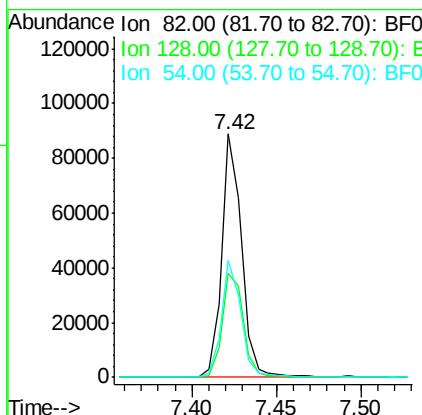
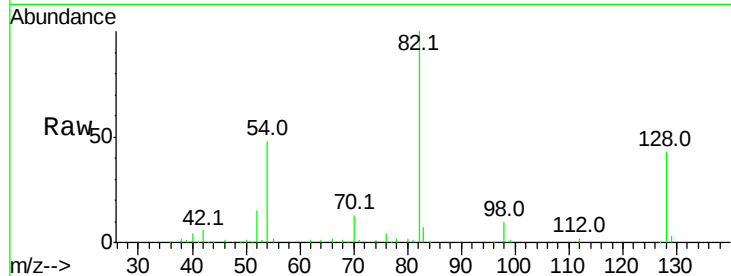




#23
 Nitrobenzene-d5
 Concen: 10.714 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF099203.D
 Acq: 7 Oct 2017 19:25

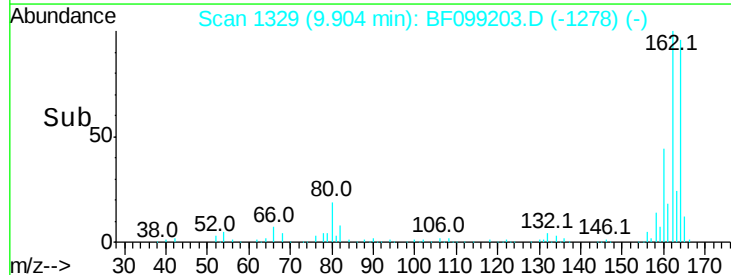
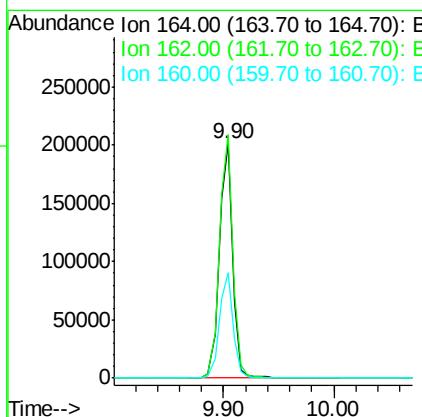
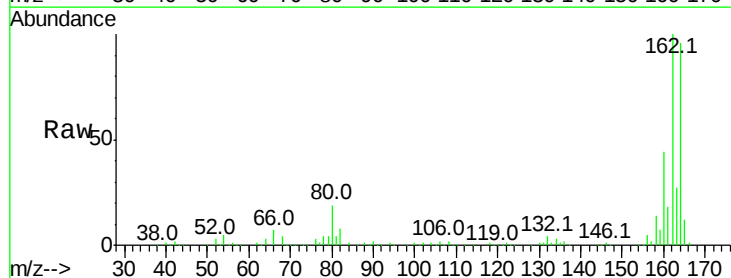
Instrument :
 BNA_F
 ClientSampleId :
 G54A-3.5-7

Tot Ion: 82 Resp: 73225
 Ion Ratio Lower Upper
 82 100
 128 42.6 36.1 54.1
 54 48.2 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BF099203.D
 Acq: 7 Oct 2017 19:25

Tgt Ion:164 Resp: 169021
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 45.2 38.3 57.5

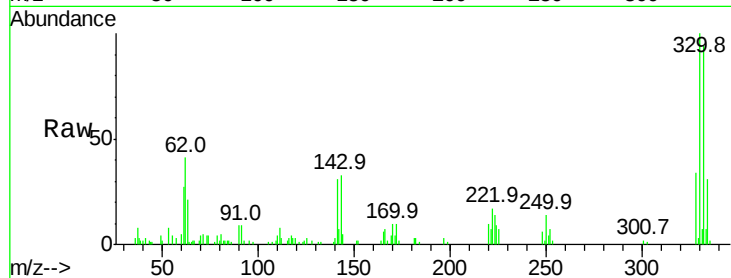




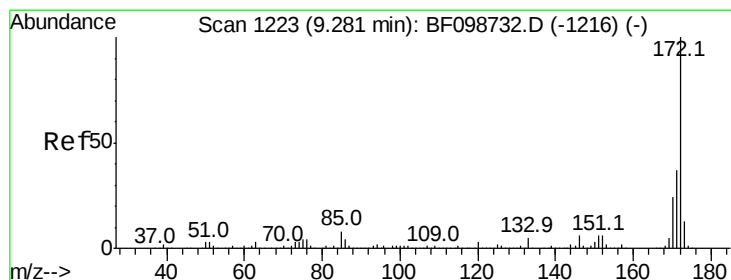
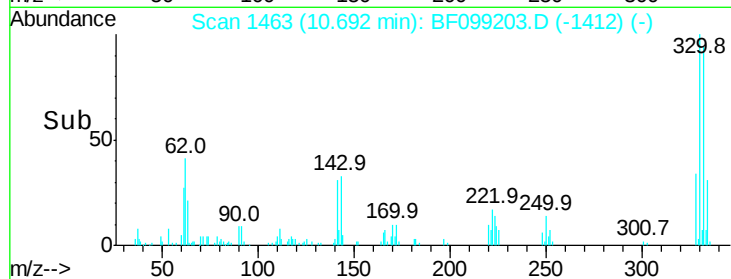
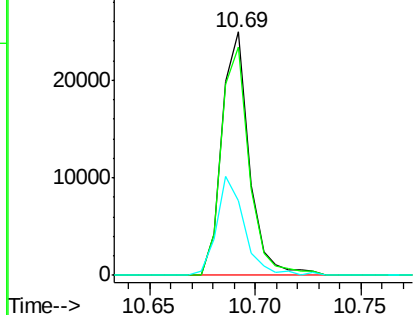
#41
 2,4,6-Tribromophenol
 Concen: 16.138 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: BF099203.D
 Acq: 7 Oct 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :
 G54A-3.5-7

Tot Ion:330 Resp: 22320
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 41.8 29.9 44.9

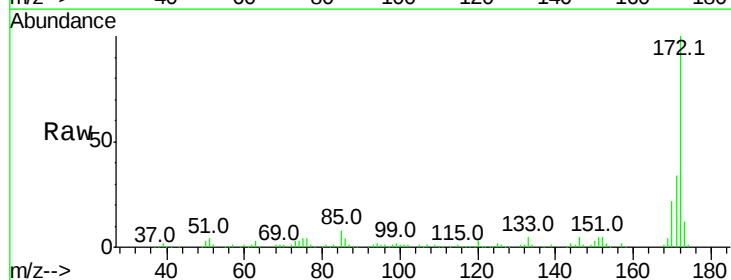


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

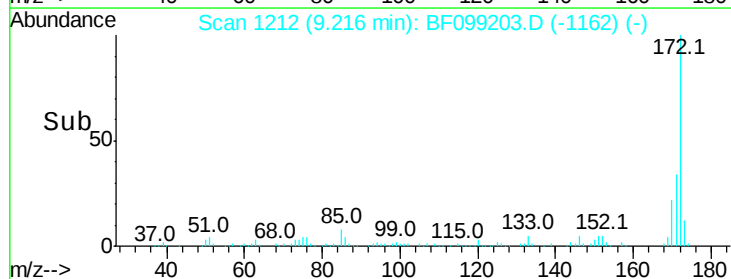
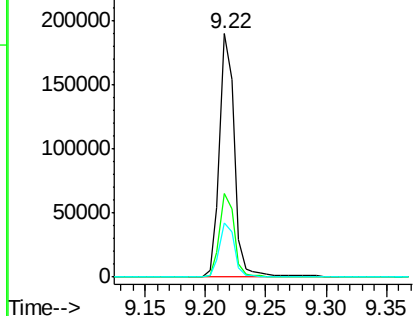


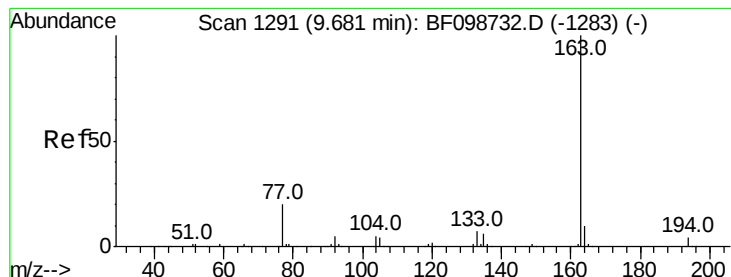
#44
 2-Fluorobiphenyl
 Concen: 16.042 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099203.D
 Acq: 7 Oct 2017 19:25

Tgt Ion:172 Resp: 162415
 Ion Ratio Lower Upper
 172 100
 171 34.3 29.7 44.5
 170 22.3 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: 2.028 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF099203.D

Acq: 7 Oct 2017 19:25

Instrument :

BNA_F

ClientSampleId :

G54A-3.5-7

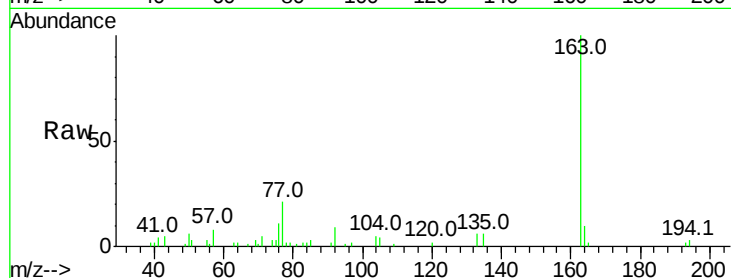
Tot Ion:163 Resp: 25871

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

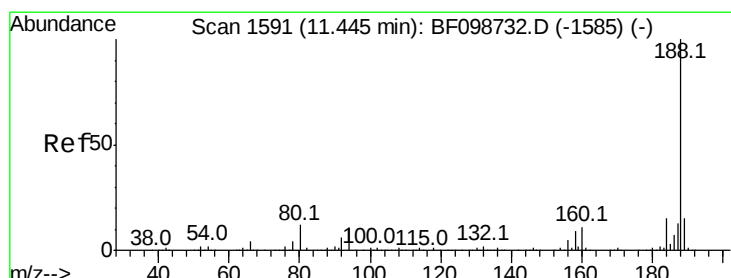
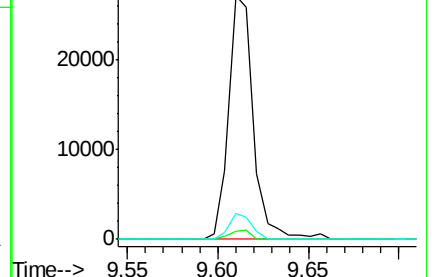
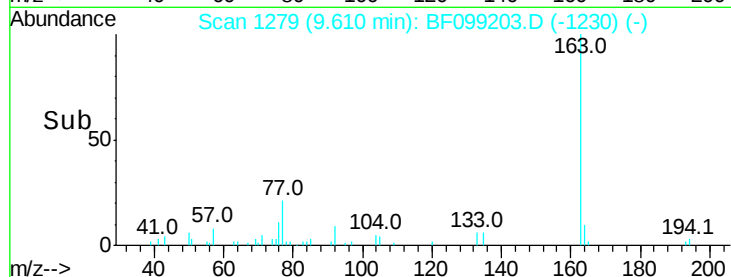
164 10.4 8.2 12.2



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. 0.01 min

Lab File: BF099203.D

Acq: 7 Oct 2017 19:25

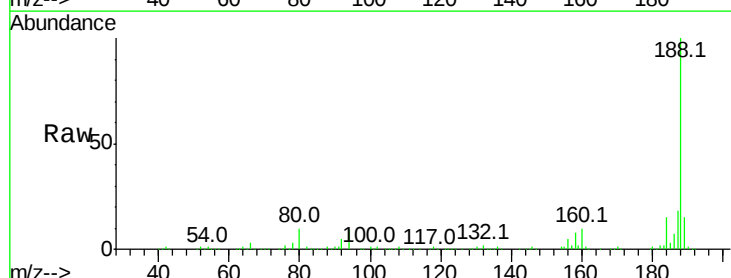
Tgt Ion:188 Resp: 261651

Ion Ratio Lower Upper

188 100

94 9.4 8.5 12.7

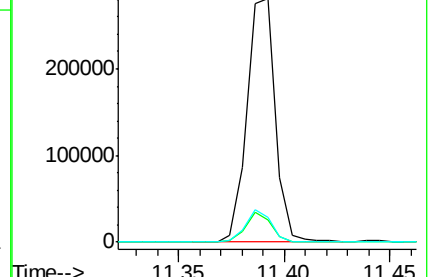
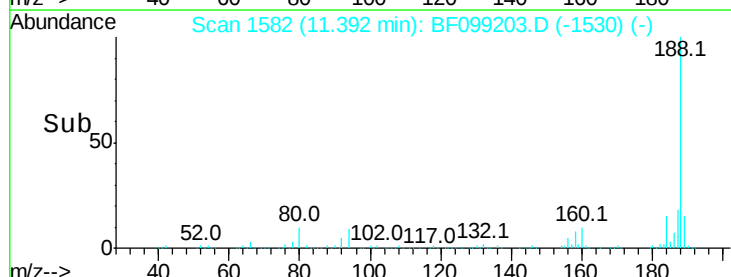
80 10.0 9.2 13.8

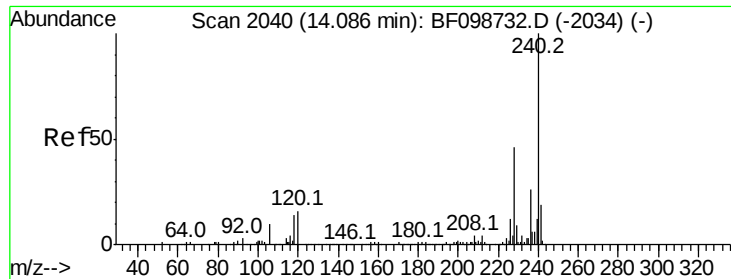


Abundance Ion 188.00 (187.70 to 188.70): E

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# 2030

Delta R.T. -0.00 min

Lab File: BF099203.D

Acq: 7 Oct 2017 19:25

Instrument :

BNA_F

ClientSampleId :

G54A-3.5-7

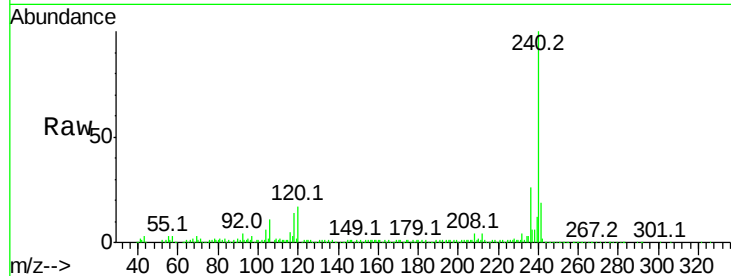
Tot Ion:240 Resp: 218082

Ion Ratio Lower Upper

240 100

120 16.6 9.5 14.3#

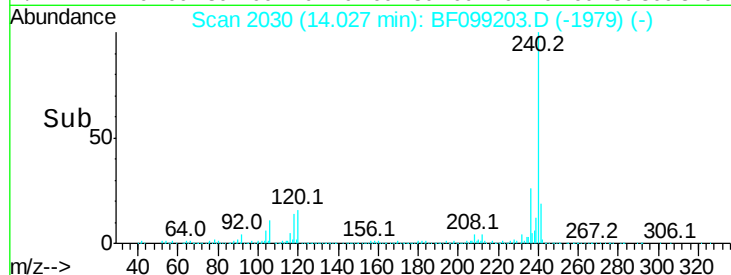
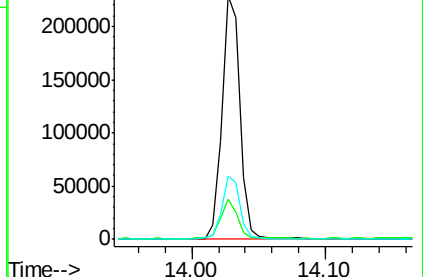
236 25.9 20.7 31.1



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: 16.353 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BF099203.D

Acq: 7 Oct 2017 19:25

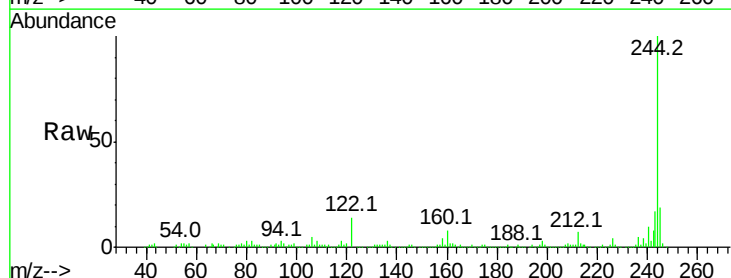
Tgt Ion:244 Resp: 156817

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

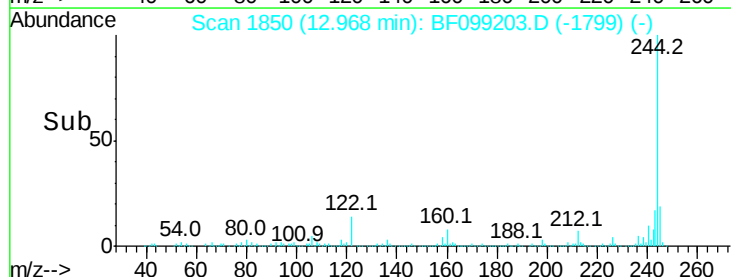
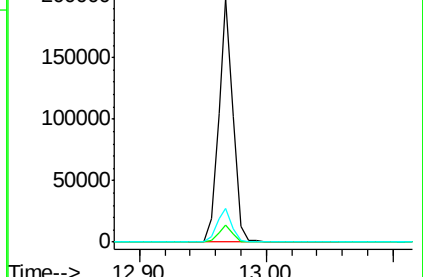
122 13.9 11.0 16.4

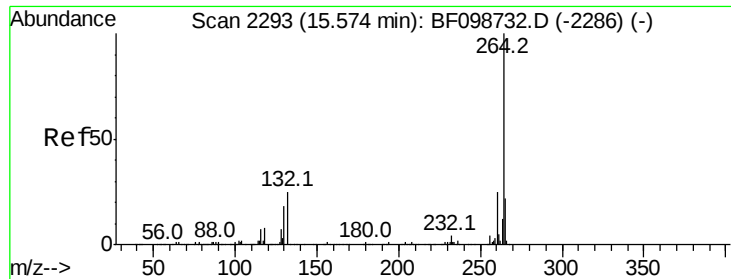


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

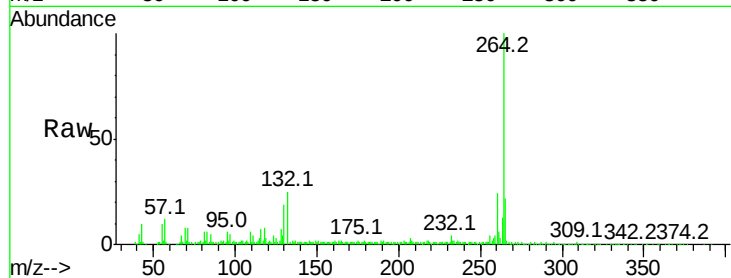




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF099203.D
Acq: 7 Oct 2017 19:25

Instrument :
BNA_F
ClientSampleId :
G54A-3.5-7

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.1	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

