

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099380.D
 Acq On : 12 Oct 2017 8:39
 Operator : SJ/JU
 Sample : PB103152BL
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103152BL

Quant Time: Oct 13 16:39:32 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	105703	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	439564	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	198085	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	334205	20.00	ng	0.00
75) Chrysene-d12	14.01	240	187401	20.00	ng	0.00
86) Perylene-d12	15.48	264	196852	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	521452	78.53	ng	0.01
7) Phenol-d6	6.48	99	624225	76.21	ng	0.00
23) Nitrobenzene-d5	7.42	82	536358	78.25	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	109148	67.34	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1001284	84.39	ng	0.00
78) Terphenyl-d14	12.96	244	769154	93.34	ng	0.00

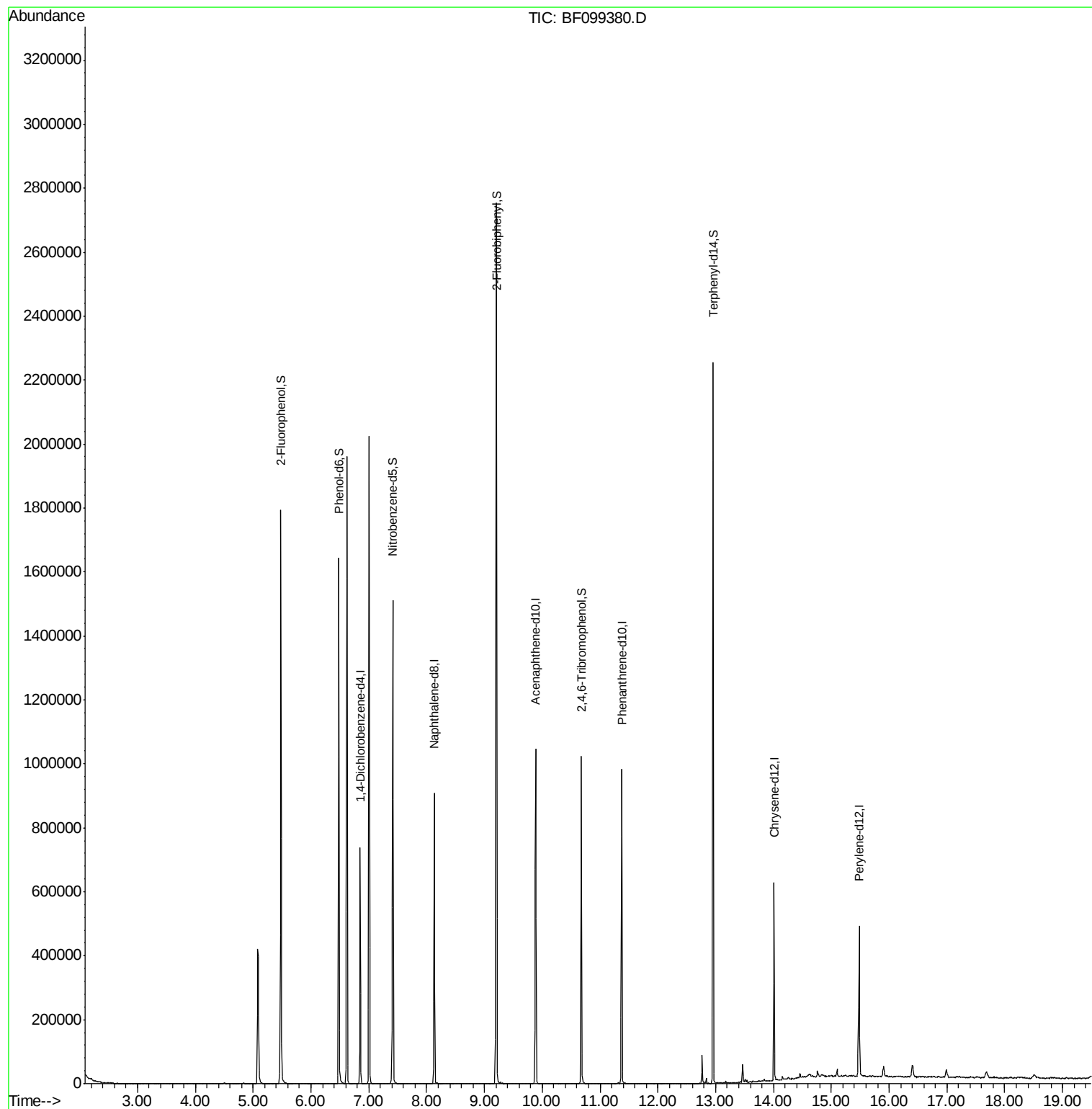
Target Compounds Qvalue

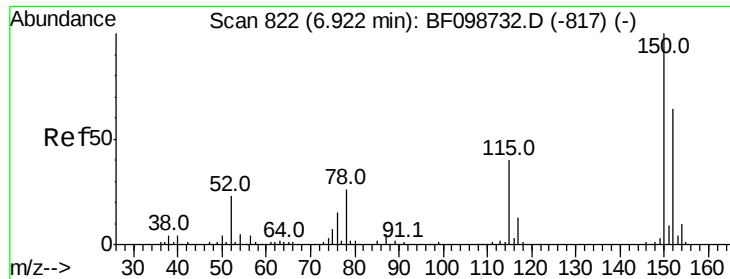
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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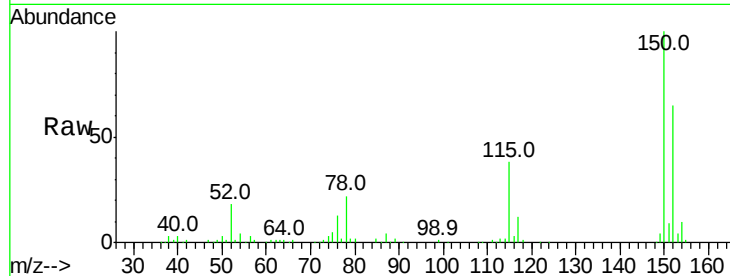


#1

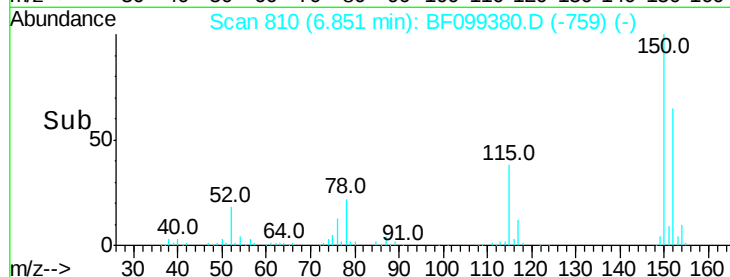
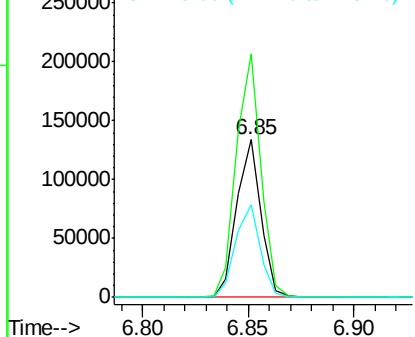
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF099380.D
 Acq: 12 Oct 2017 8:39

Instrument :
 BNA_F
 ClientSampleId :
 PB103152BL

Tot Ion:152 Resp: 105703
 Ion Ratio Lower Upper
 152 100
 150 154.6 124.6 186.8
 115 58.7 50.1 75.1



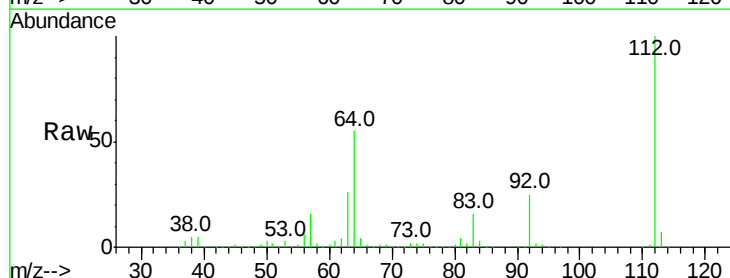
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



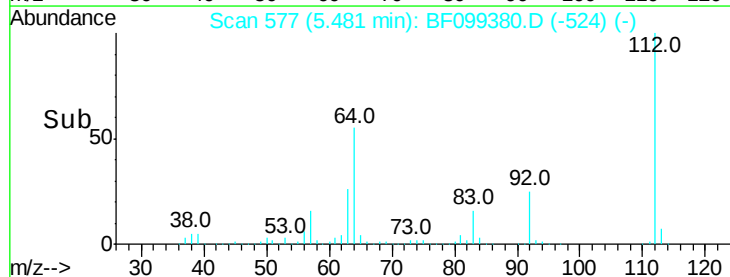
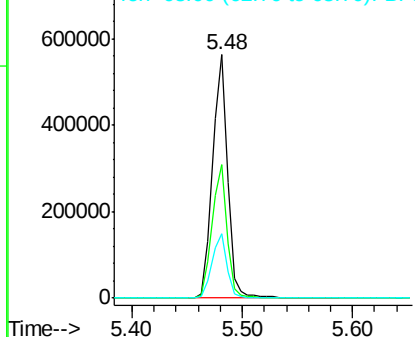
#5

2-Fluorophenol
 Concen: 78.531 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.01 min
 Lab File: BF099380.D
 Acq: 12 Oct 2017 8:39

Tgt Ion:112 Resp: 521452
 Ion Ratio Lower Upper
 112 100
 64 54.8 47.9 71.9
 63 26.4 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: 76.206 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099380.D

Acq: 12 Oct 2017 8:39

Instrument :

BNA_F

ClientSampleId :

PB103152BL

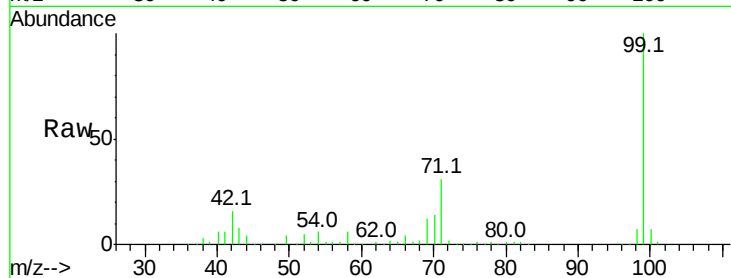
Tot Ion: 99 Resp: 624225

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

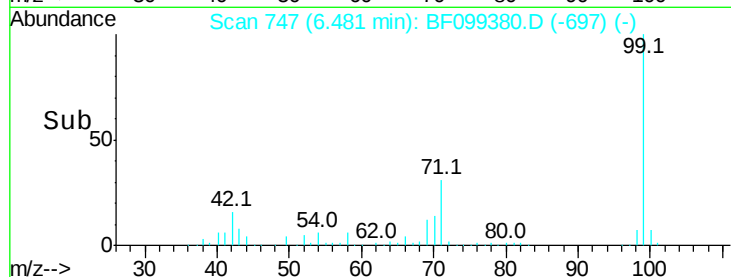
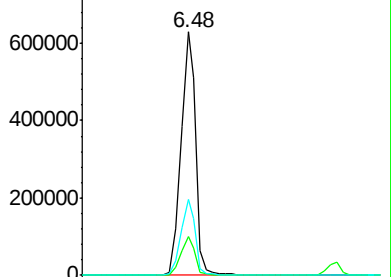
71 31.2 25.4 38.0



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: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF099380.D

Acq: 12 Oct 2017 8:39

Tgt Ion: 136 Resp: 439564

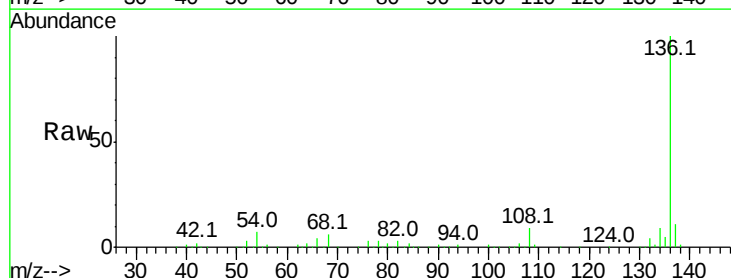
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.0 6.6 9.8

68 5.6 5.0 7.4

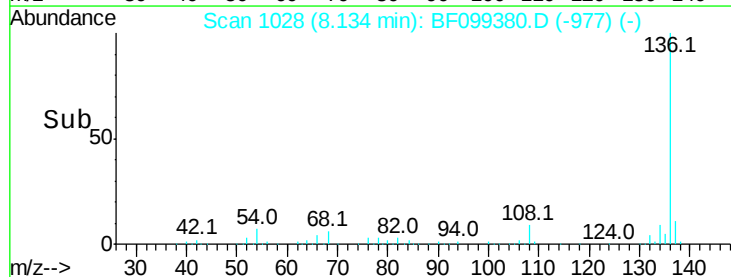
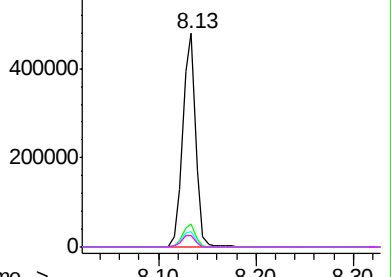


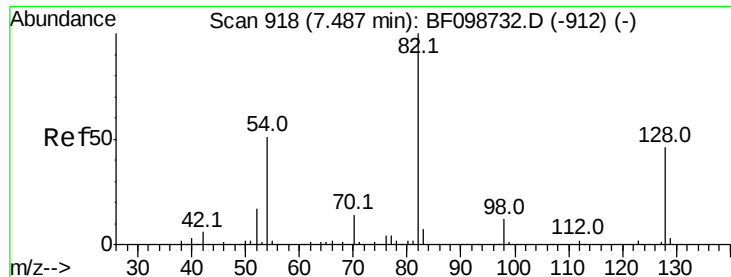
Abundance Ion 136.00 (135.70 to 136.70): E

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

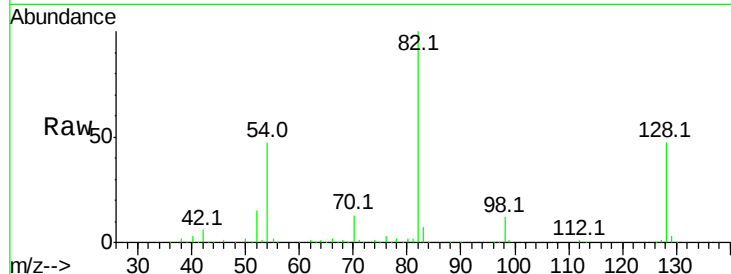




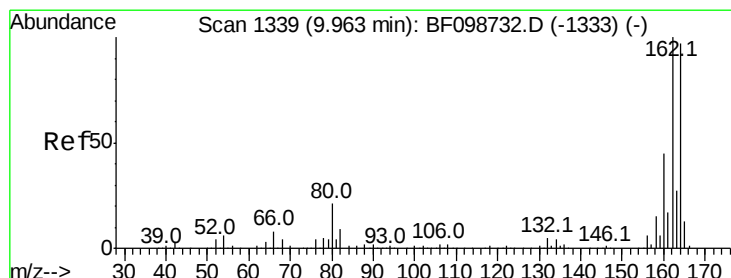
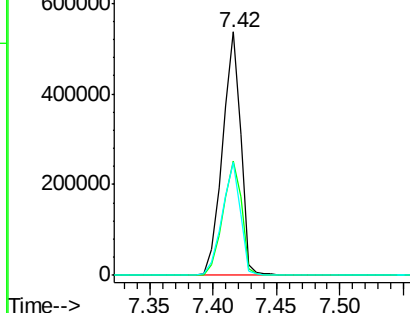
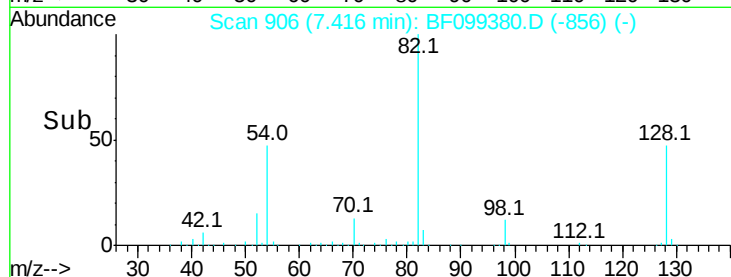
#23
Nitrobenzene-d5
Concen: 78.252 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099380.D
Acq: 12 Oct 2017 8:39

Instrument :
BNA_F
ClientSampleId :
PB103152BL

Tot Ion	82	Resp	536358
Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.1	54.1
54	46.7	41.4	62.2

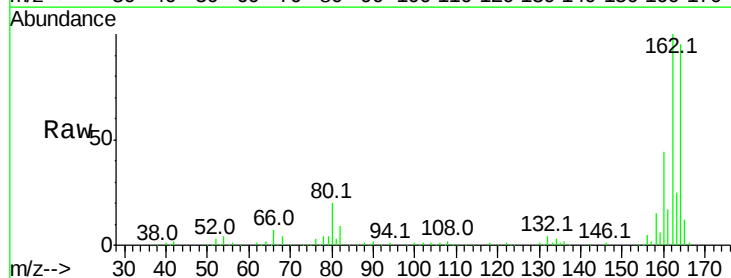


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

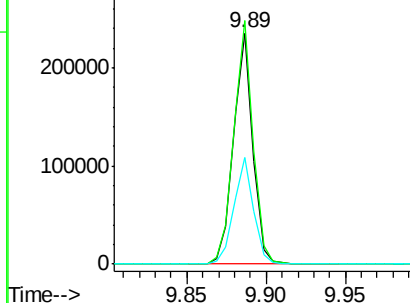
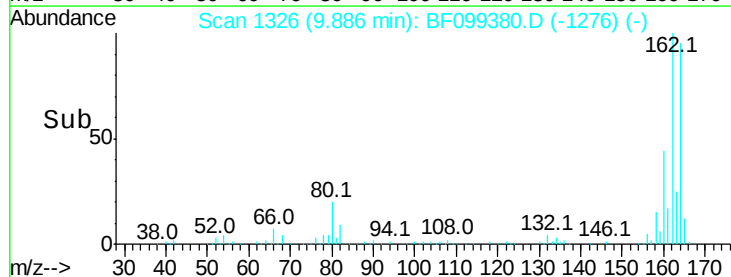


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099380.D
Acq: 12 Oct 2017 8:39

Tgt Ion	164	Resp	198085
Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	46.1	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

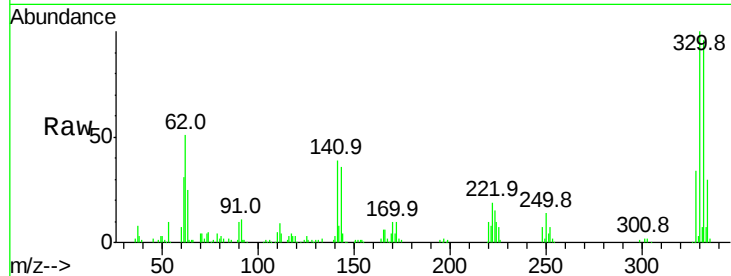




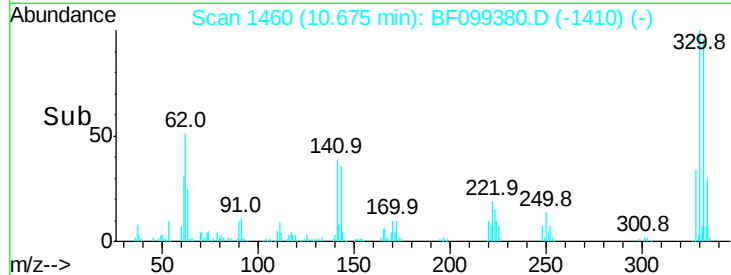
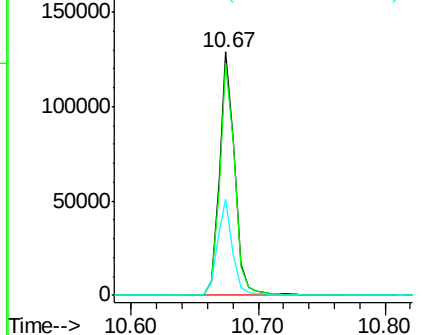
#41
 2,4,6-Tribromophenol
 Concen: 67.339 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF099380.D
 Acq: 12 Oct 2017 8:39

Instrument :
 BNA_F
 ClientSampleId :
 PB103152BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	39.3	29.9	44.9

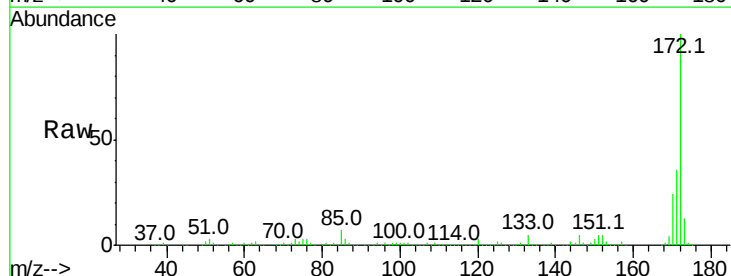


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

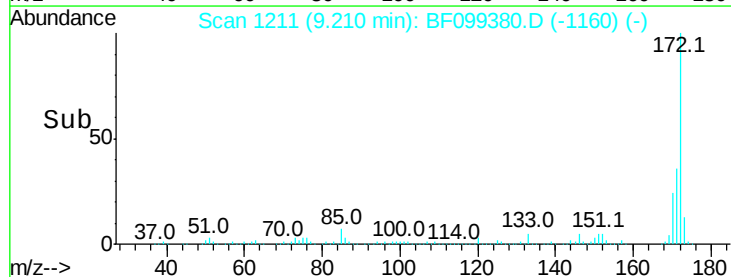
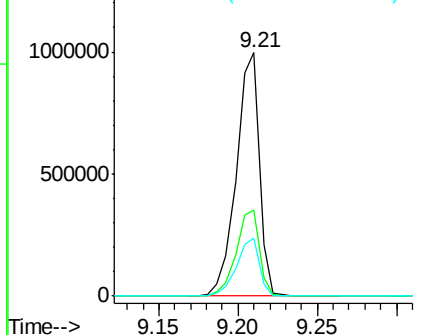


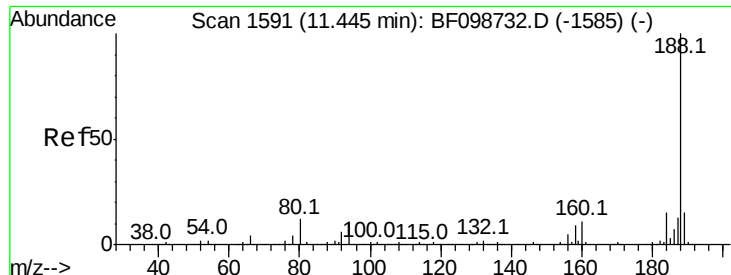
#44
 2-Fluorobiphenyl
 Concen: 84.386 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099380.D
 Acq: 12 Oct 2017 8:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BF099380.D

Acq: 12 Oct 2017 8:39

Instrument :

BNA_F

ClientSampleId :

PB103152BL

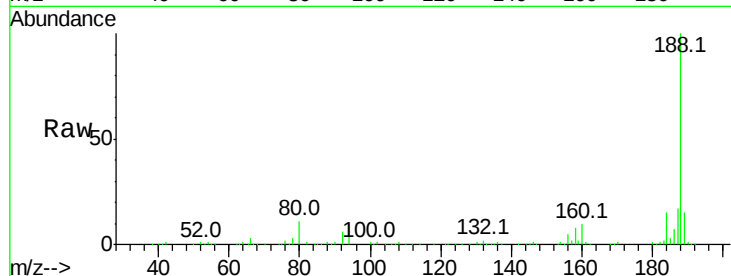
Tot Ion:188 Resp: 334205

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

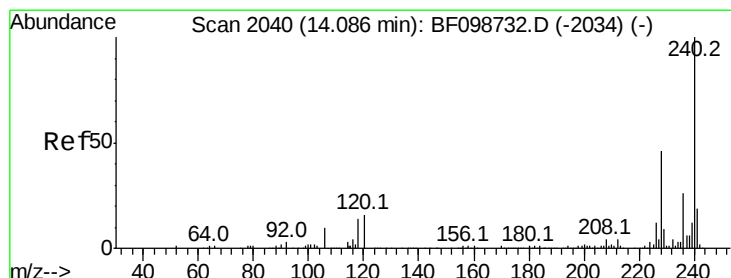
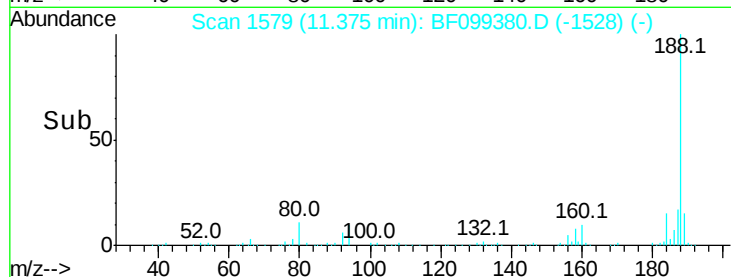
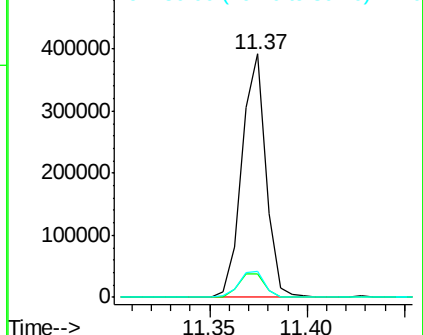
80 10.8 9.2 13.8



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: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF099380.D

Acq: 12 Oct 2017 8:39

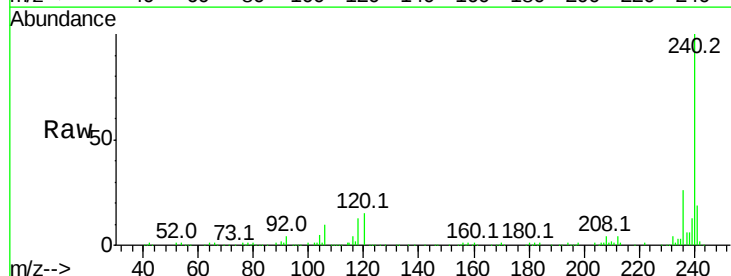
Tgt Ion:240 Resp: 187401

Ion Ratio Lower Upper

240 100

120 15.3 9.5 14.3#

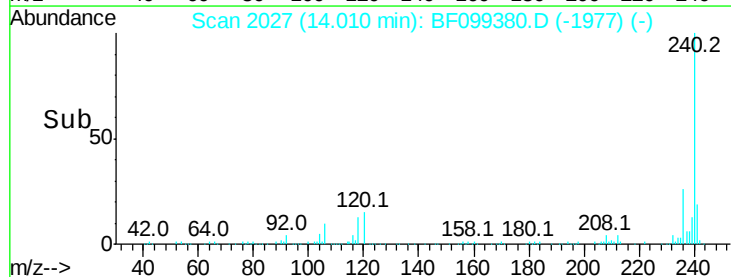
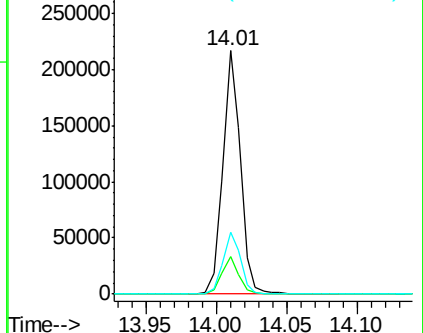
236 25.6 20.7 31.1



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: 93.341 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF099380.D

Acq: 12 Oct 2017 8:39

Instrument :

BNA_F

ClientSampleId :

PB103152BL

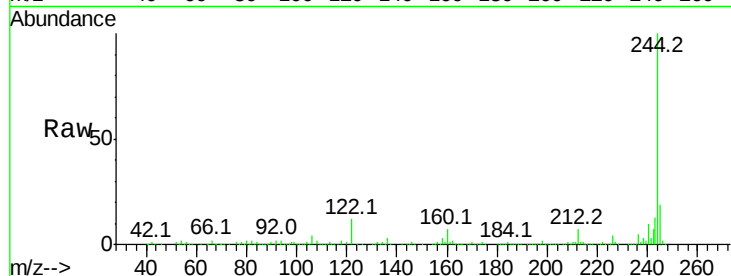
Tot Ion:244 Resp: 769154

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

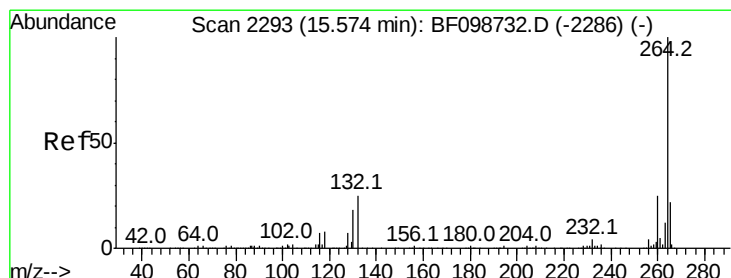
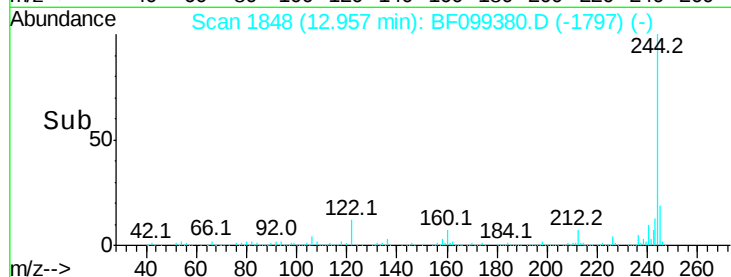
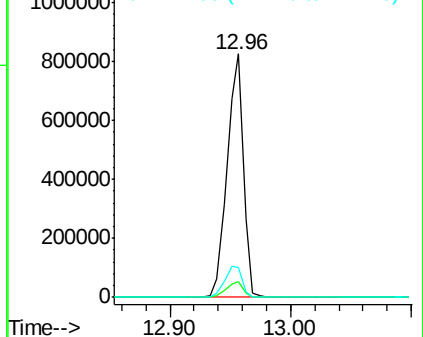
122 12.1 11.0 16.4



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: 15.48 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BF099380.D

Acq: 12 Oct 2017 8:39

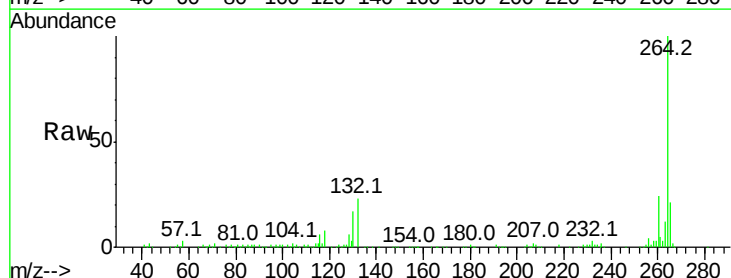
Tgt Ion:264 Resp: 196852

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.2 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

