

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
 Data File : BF099105.D
 Acq On : 5 Oct 2017 16:07
 Operator : SJ/JU
 Sample : I5610-26
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1B-(1-2)-COMP-(0-5)

Quant Time: Oct 05 17:35:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	122449	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	507266	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	227751	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	407218	20.00	ng	0.00
75) Chrysene-d12	14.02	240	295089	20.00	ng	-0.01
86) Perylene-d12	15.50	264	228124	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	888853	115.56	ng	0.02
7) Phenol-d6	6.49	99	947311	99.83	ng	0.00
23) Nitrobenzene-d5	7.43	82	747419	94.49	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	247965	133.06	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1317907	96.60	ng	0.00
78) Terphenyl-d14	12.97	244	1152367	88.81	ng	0.00

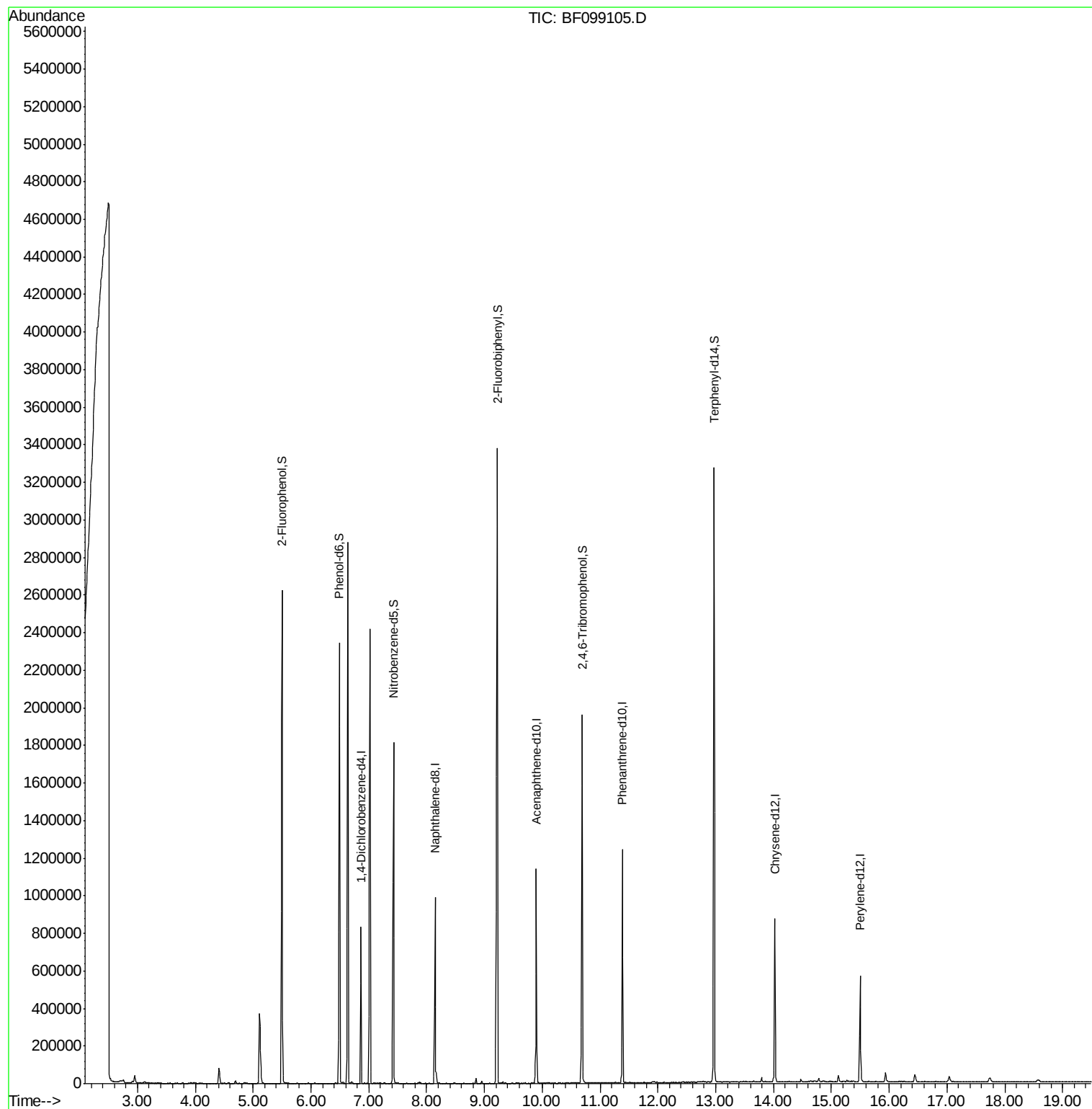
Target Compounds Qvalue

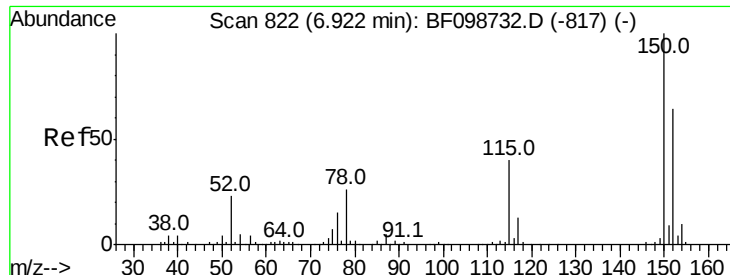
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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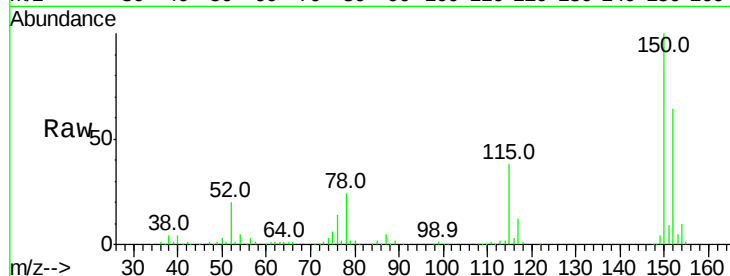


#1

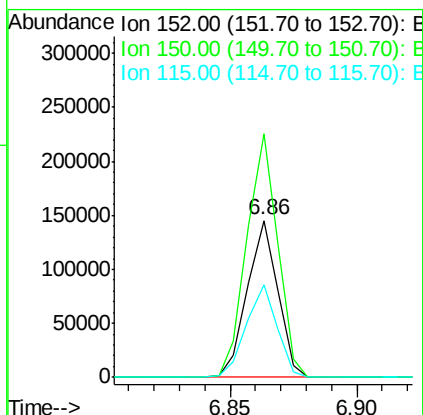
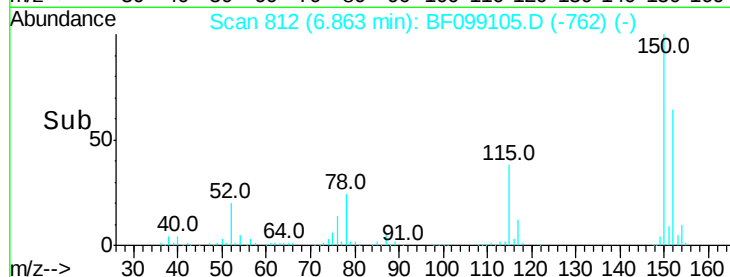
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099105.D
Acq: 5 Oct 2017 16:07

Instrument :
BNA_F
ClientSampleId :
1B-(1-2)-COMP-(0-5)

Tot Ion:152 Resp: 122449
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 58.9 50.1 75.1



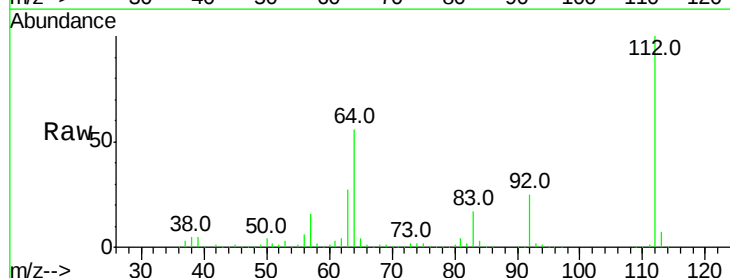
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



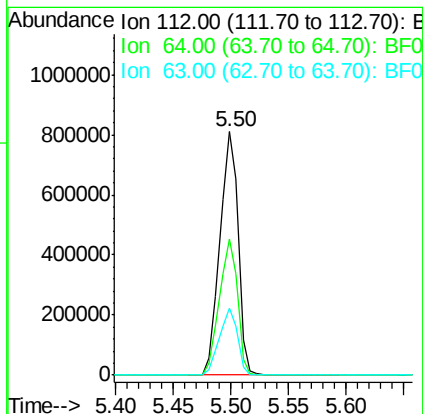
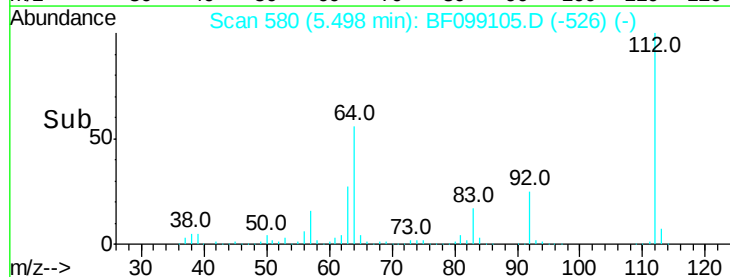
#5

2-Fluorophenol
Concen: 115.556 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF099105.D
Acq: 5 Oct 2017 16:07

Tgt Ion:112 Resp: 888853
Ion Ratio Lower Upper
112 100
64 55.7 47.9 71.9
63 27.4 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: 99.833 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099105.D

Acq: 5 Oct 2017 16:07

Instrument :

BNA_F

ClientSampleId :

1B-(1-2)-COMP-(0-5)

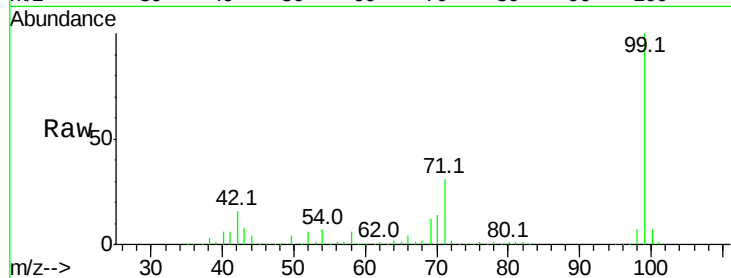
Tot Ion: 99 Resp: 947311

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

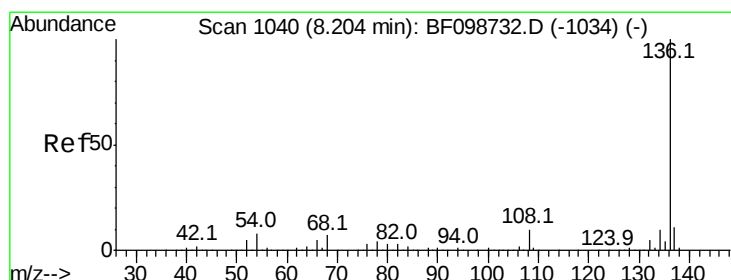
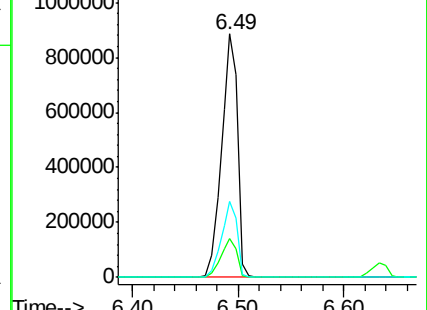
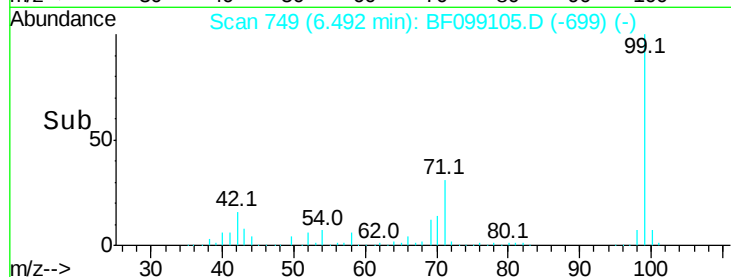
71 31.4 25.4 38.0



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. -0.01 min

Lab File: BF099105.D

Acq: 5 Oct 2017 16:07

Tgt Ion: 136 Resp: 507266

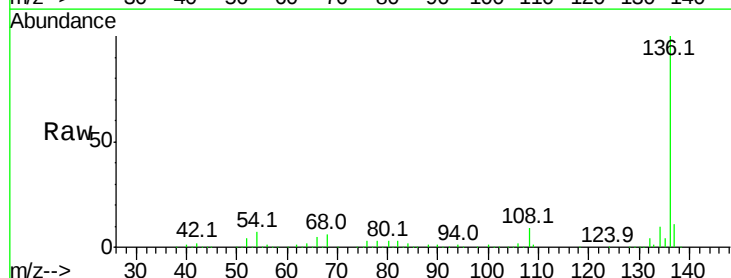
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.5 6.6 9.8

68 6.0 5.0 7.4

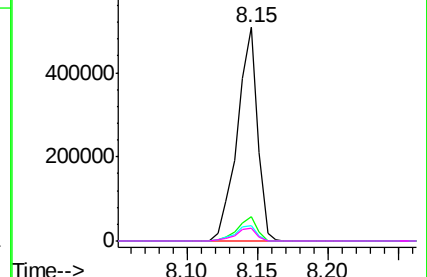
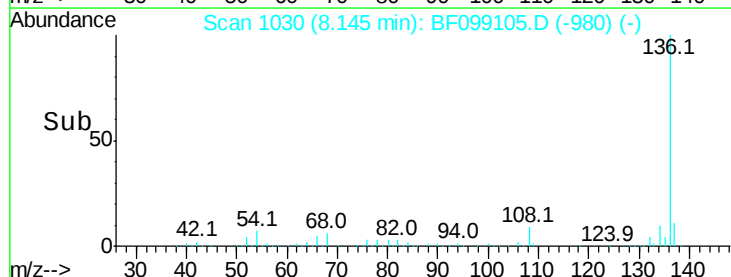


Abundance Ion 136.00 (135.70 to 136.70): E

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

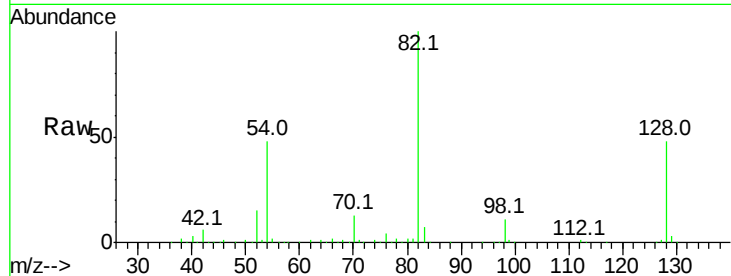




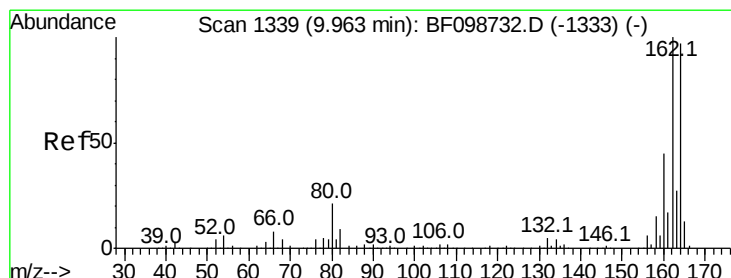
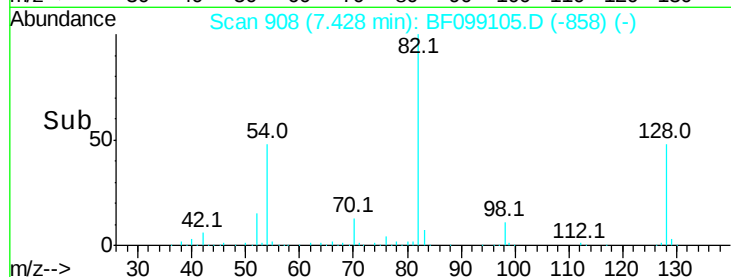
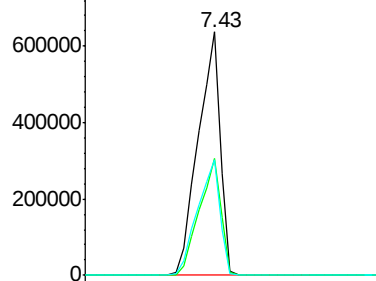
#23
 Nitrobenzene-d5
 Concen: 94.491 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099105.D
 Acq: 5 Oct 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 1B-(1-2)-COMP-(0-5)

Tot Ion: 82 Resp: 747419
 Ion Ratio Lower Upper
 82 100
 128 48.1 36.1 54.1
 54 47.7 41.4 62.2

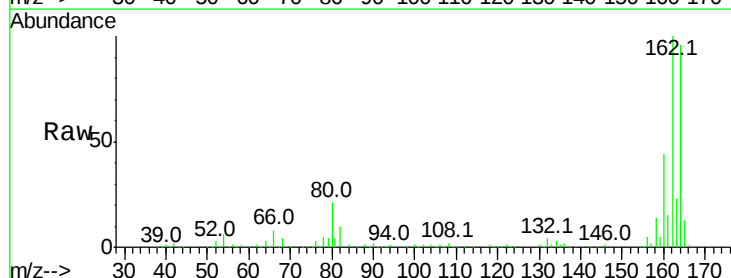


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

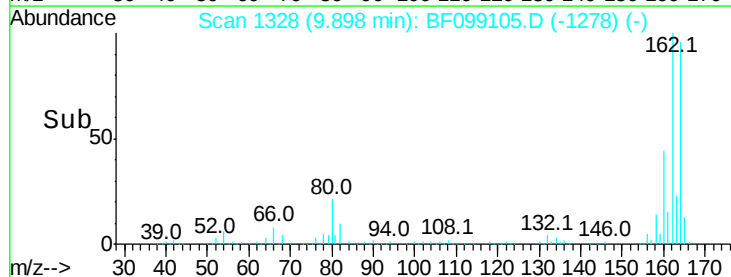
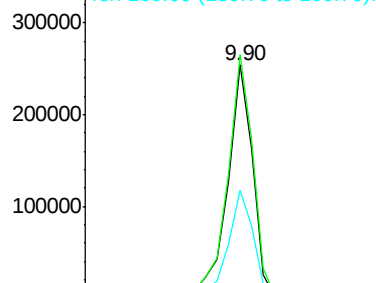


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099105.D
 Acq: 5 Oct 2017 16:07

Tgt Ion:164 Resp: 227751
 Ion Ratio Lower Upper
 164 100
 162 104.5 86.1 129.1
 160 46.2 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

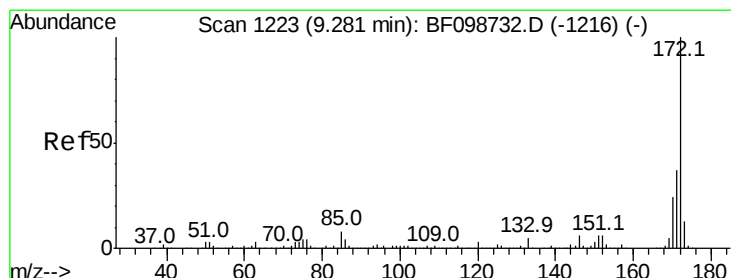
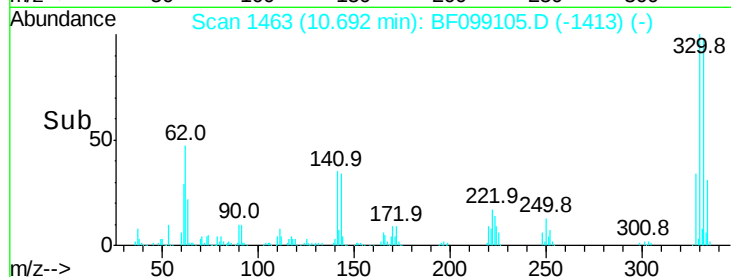
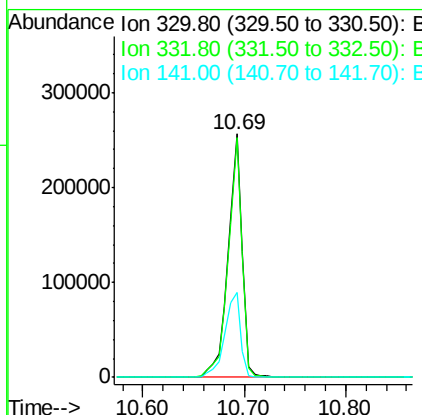
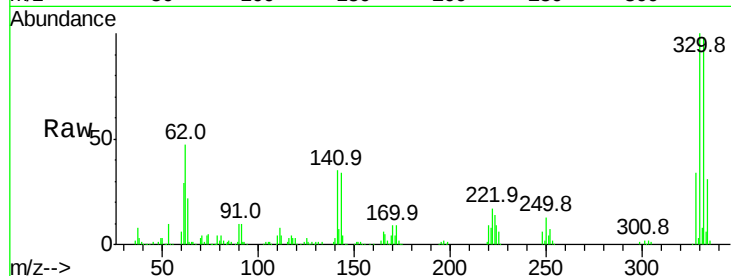




#41
 2,4,6-Tribromophenol
 Concen: 133.056 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099105.D
 Acq: 5 Oct 2017 16:07

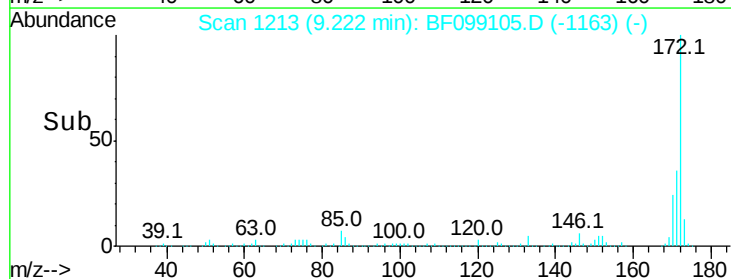
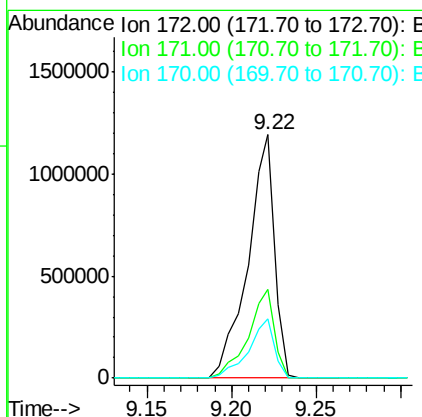
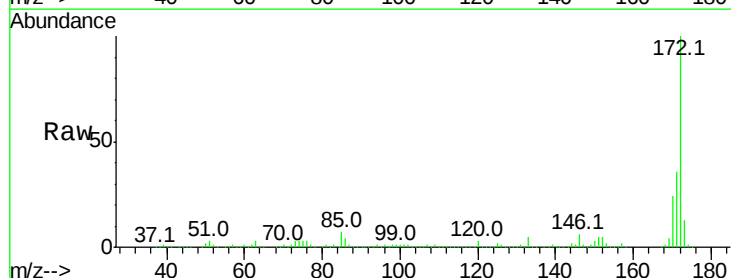
Instrument :
 BNA_F
 ClientSampleId :
 1B-(1-2)-COMP-(0-5)

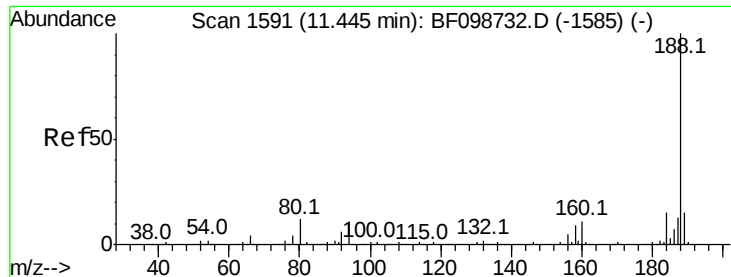
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	39.1	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 96.603 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099105.D
 Acq: 5 Oct 2017 16:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.1	19.6	29.4

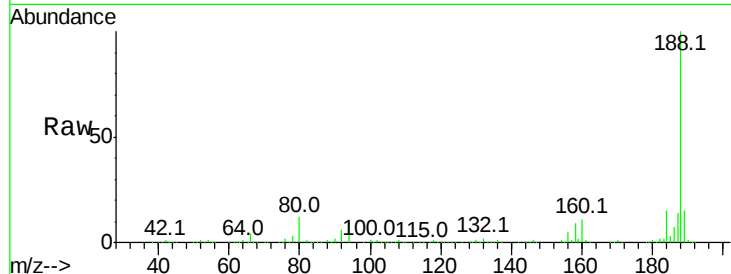




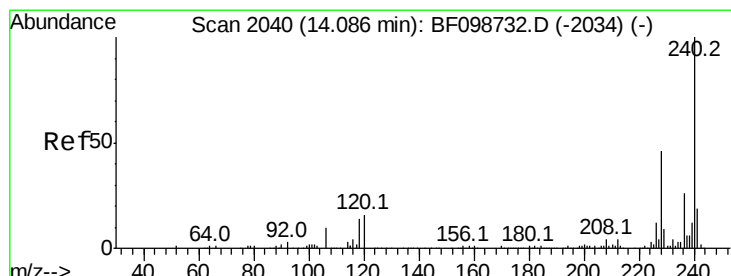
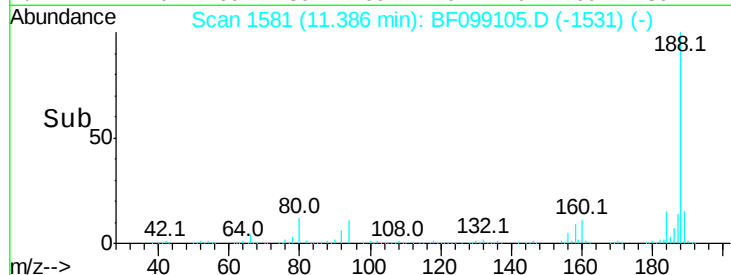
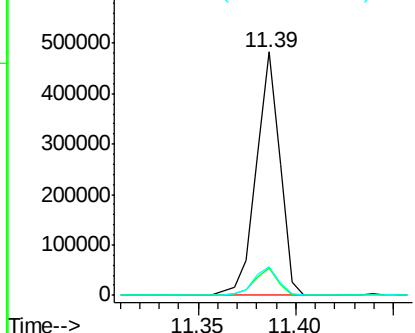
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099105.D
Acq: 5 Oct 2017 16:07

Instrument :
BNA_F
ClientSampleId :
1B-(1-2)-COMP-(0-5)

Tot Ion:188 Resp: 407218
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 11.9 9.2 13.8

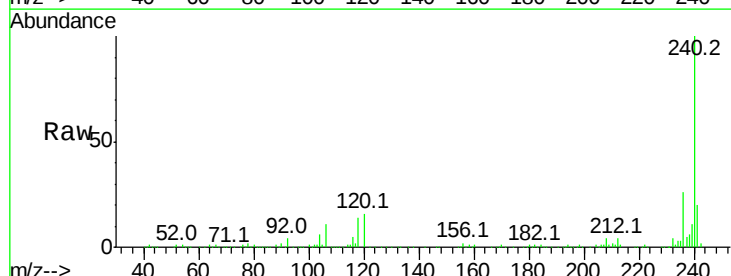


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

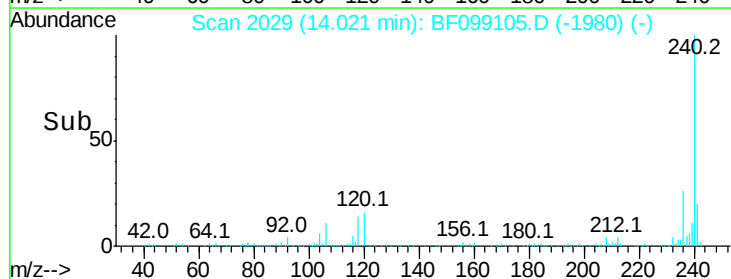
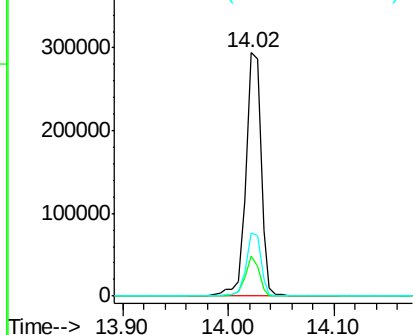


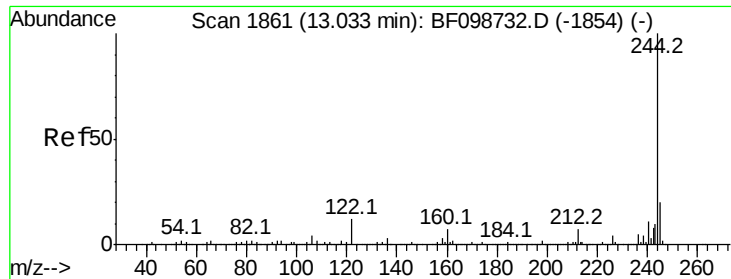
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099105.D
Acq: 5 Oct 2017 16:07

Tgt Ion:240 Resp: 295089
Ion Ratio Lower Upper
240 100
120 16.5 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: 88.811 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.00 min

Lab File: BF099105.D

Acq: 5 Oct 2017 16:07

Instrument :

BNA_F

ClientSampleId :

1B-(1-2)-COMP-(0-5)

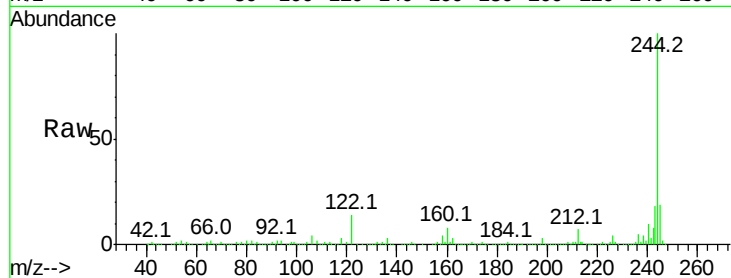
Tot Ion:244 Resp: 1152367

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

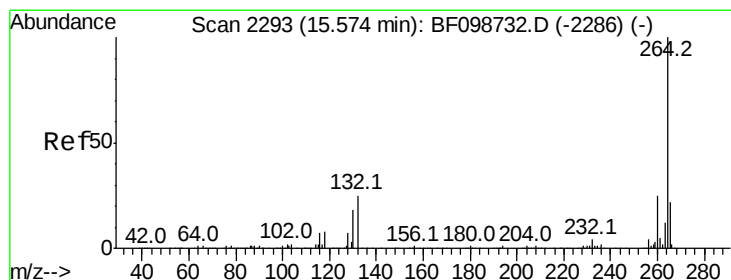
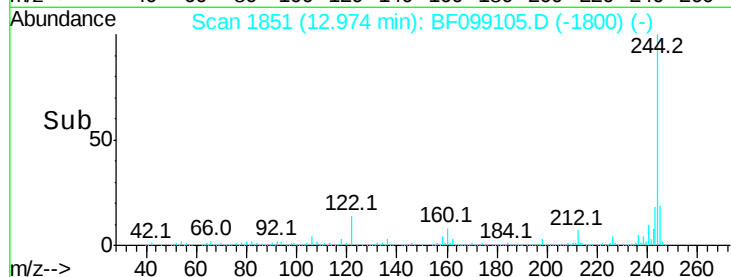
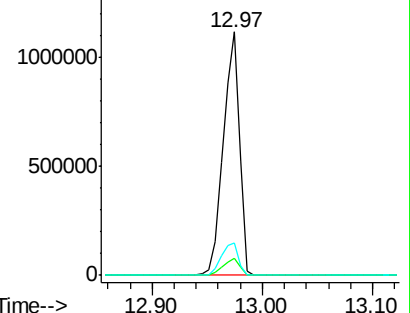
122 13.5 11.0 16.4



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: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF099105.D

Acq: 5 Oct 2017 16:07

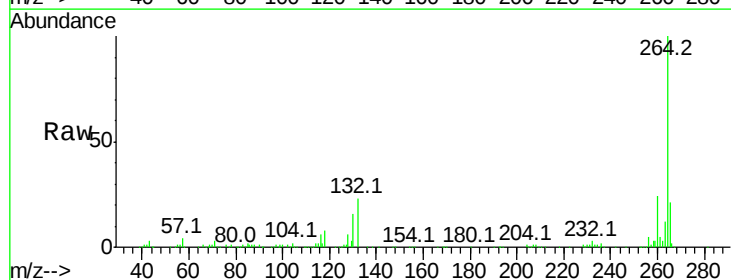
Tgt Ion:264 Resp: 228124

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.3 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

