

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102617\
 Data File : BF099865.D
 Acq On : 26 Oct 2017 16:57
 Operator : SJ/JU
 Sample : I6089-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Quant Time: Oct 26 17:38:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 16:31:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	61719	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	252229	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	114480	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	205051	20.00	ng	0.00
75) Chrysene-d12	13.99	240	176491	20.00	ng	0.00
86) Perylene-d12	15.46	264	174271	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	290236	73.83	ng	0.00
7) Phenol-d6	6.43	99	225407	48.36	ng	0.00
23) Nitrobenzene-d5	7.36	82	353262	90.17	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	134264	128.69	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	720497	97.10	ng	0.00
78) Terphenyl-d14	12.92	244	654819	81.08	ng	0.00

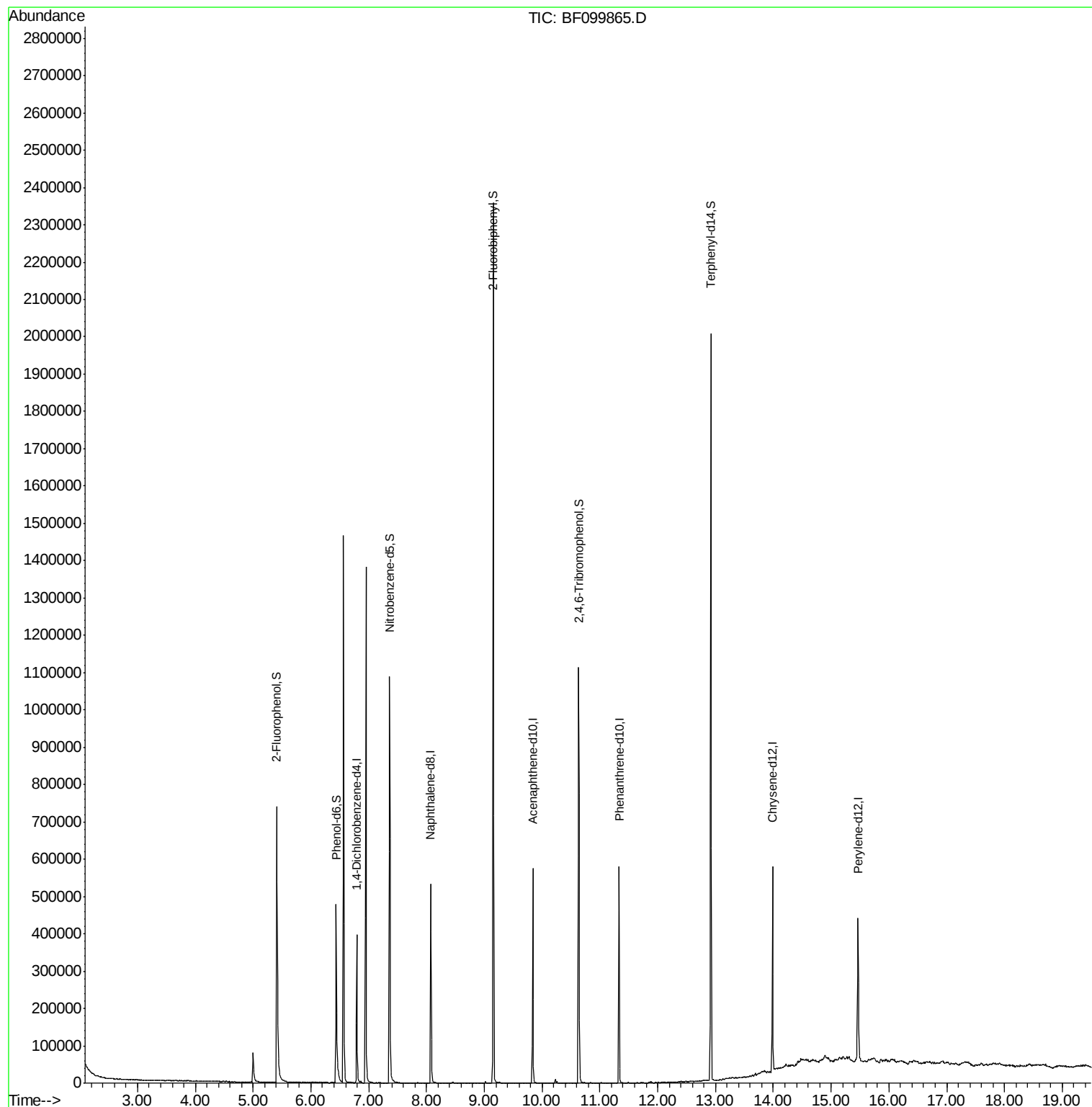
Target Compounds Qvalue

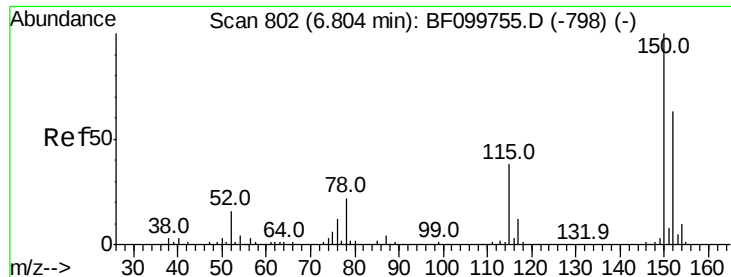
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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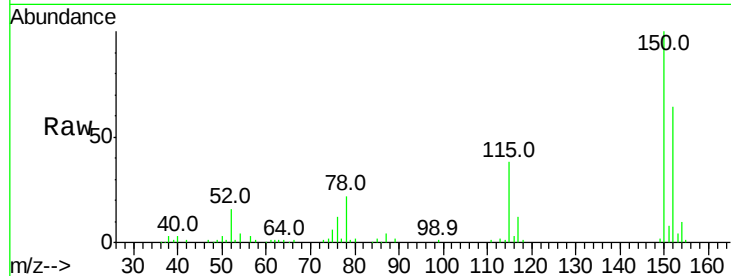


#1

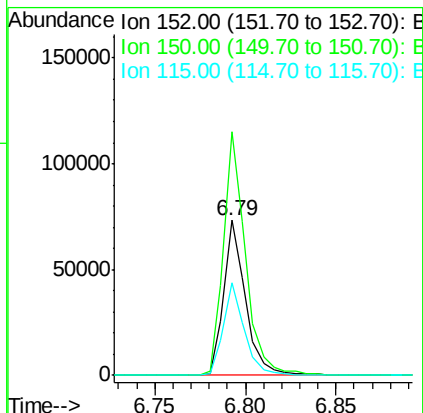
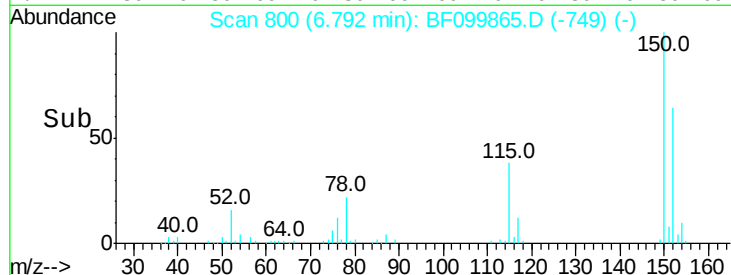
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099865.D
Acq: 26 Oct 2017 16:57

Instrument :
BNA_F
ClientSampleId :
MW-01

Tot Ion:152 Resp: 61719
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 59.4 50.1 75.1



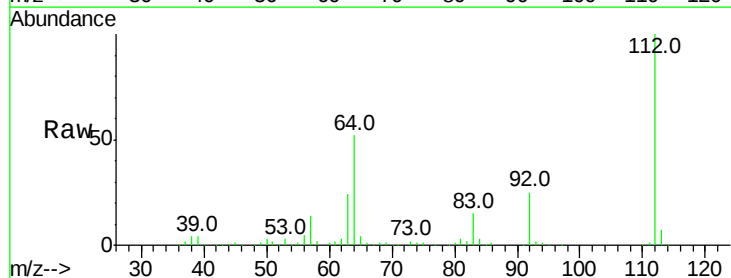
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



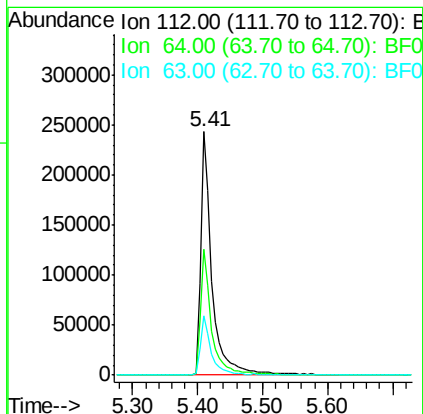
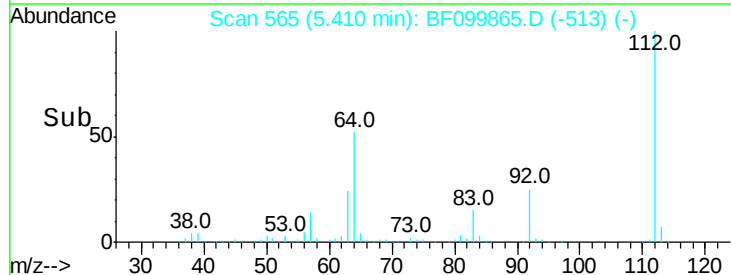
#5

2-Fluorophenol
Concen: 73.828 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF099865.D
Acq: 26 Oct 2017 16:57

Tgt Ion:112 Resp: 290236
Ion Ratio Lower Upper
112 100
64 52.0 47.9 71.9
63 24.4 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: 48.357 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF099865.D

Acq: 26 Oct 2017 16:57

Instrument :

BNA_F

ClientSampled :

MW-01

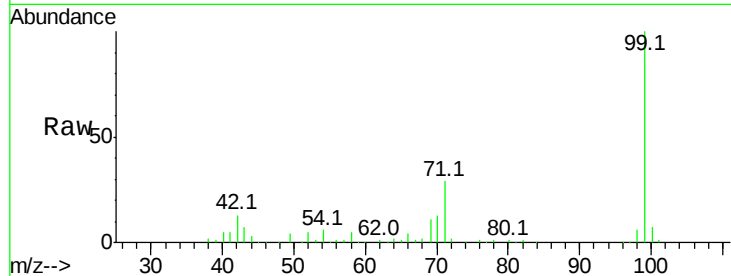
Tot Ion: 99 Resp: 225407

Ion Ratio Lower Upper

99 100

42 12.9 14.5 21.7#

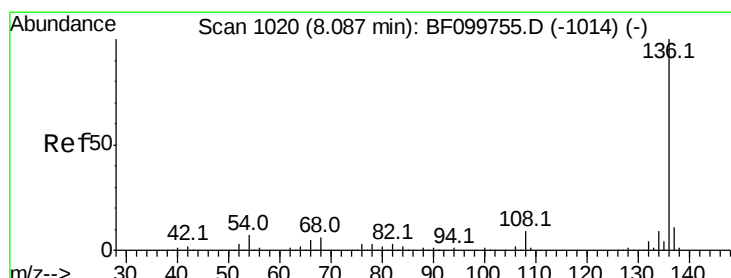
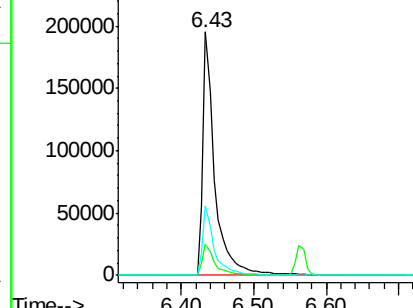
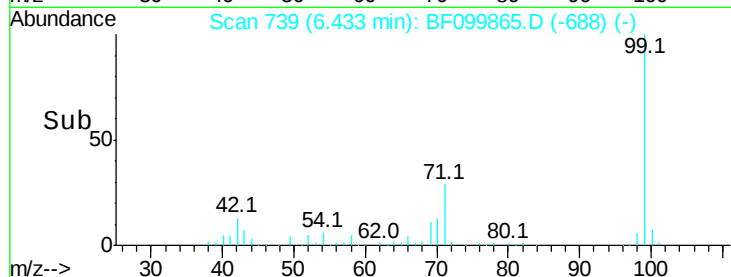
71 28.7 25.4 38.0



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: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF099865.D

Acq: 26 Oct 2017 16:57

Tgt Ion:136 Resp: 252229

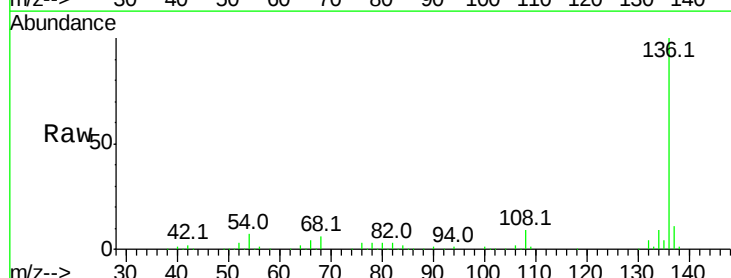
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.7 6.6 9.8

68 5.8 5.0 7.4

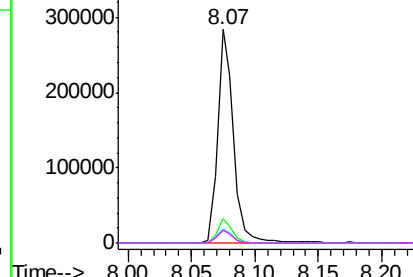
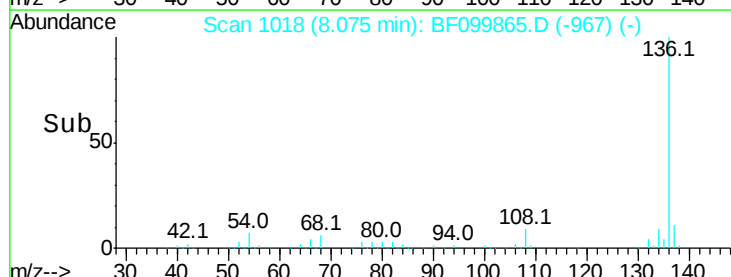


Abundance Ion 136.00 (135.70 to 136.70): E

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

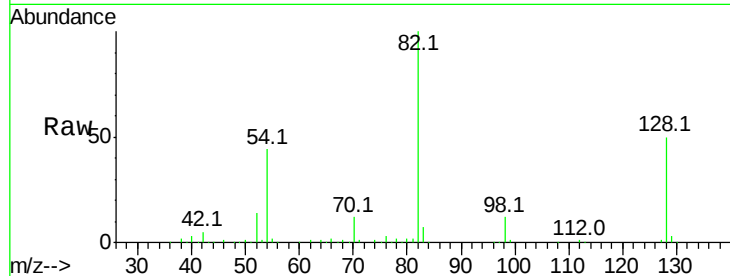




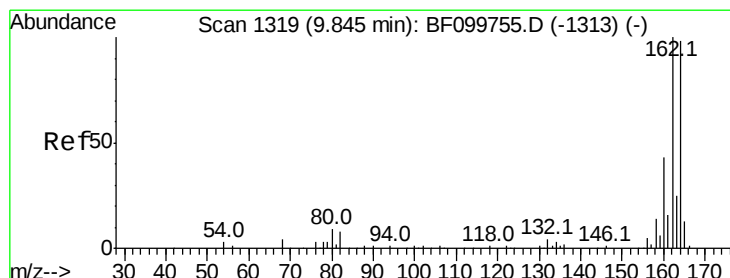
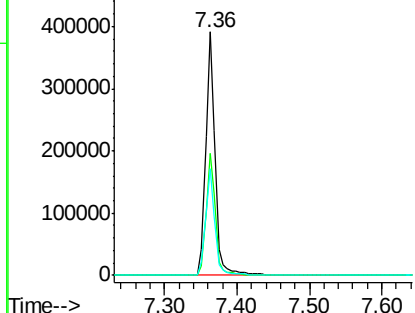
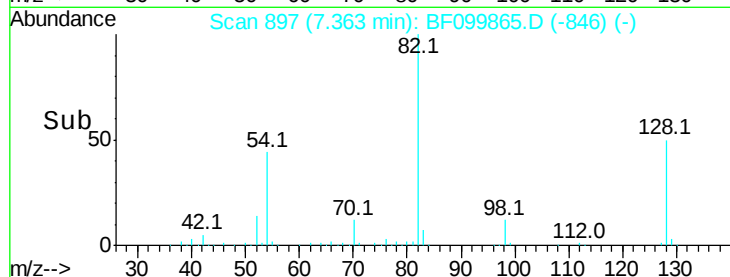
#23
Nitrobenzene-d5
Concen: 90.169 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF099865.D
Acq: 26 Oct 2017 16:57

Instrument :
BNA_F
ClientSampleId :
MW-01

Tot Ion: 82 Resp: 353262
Ion Ratio Lower Upper
82 100
128 49.9 36.1 54.1
54 43.8 41.4 62.2

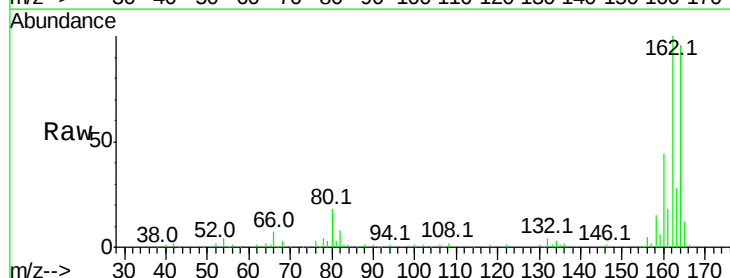


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

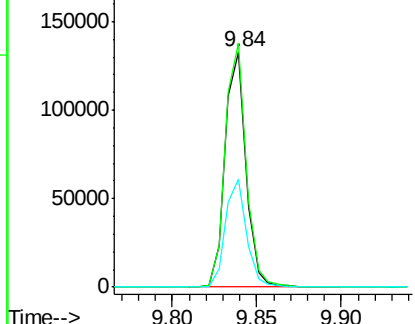
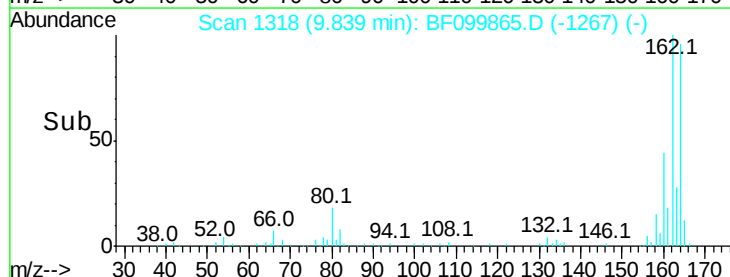


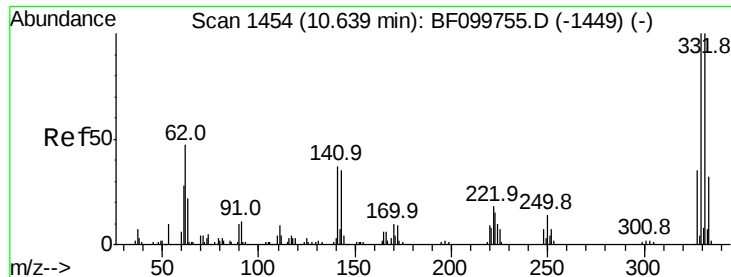
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF099865.D
Acq: 26 Oct 2017 16:57

Tgt Ion:164 Resp: 114480
Ion Ratio Lower Upper
164 100
162 103.7 86.1 129.1
160 45.7 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

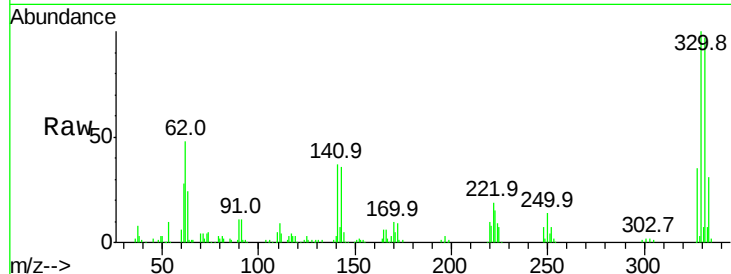




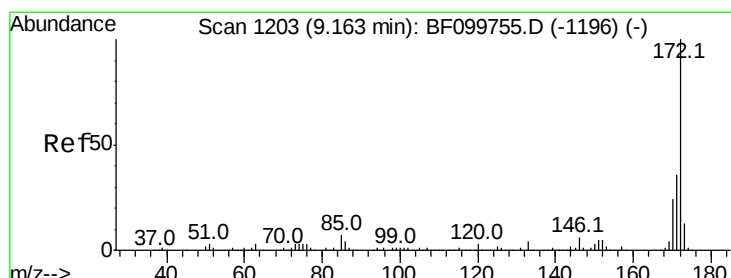
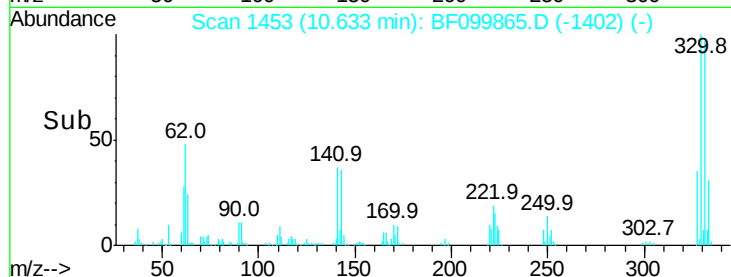
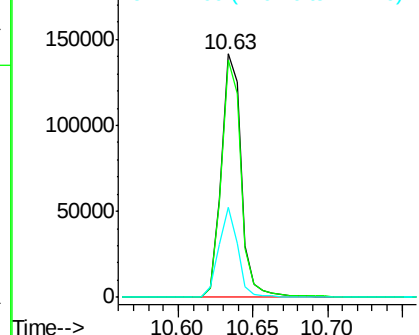
#41
 2,4,6-Tribromophenol
 Concen: 128.695 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF099865.D
 Acq: 26 Oct 2017 16:57

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Tot Ion:330 Resp: 134264
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 34.9 29.9 44.9

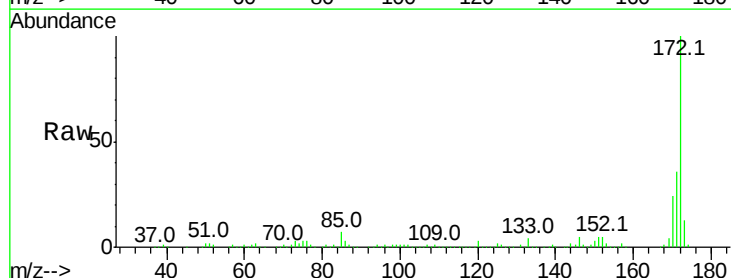


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

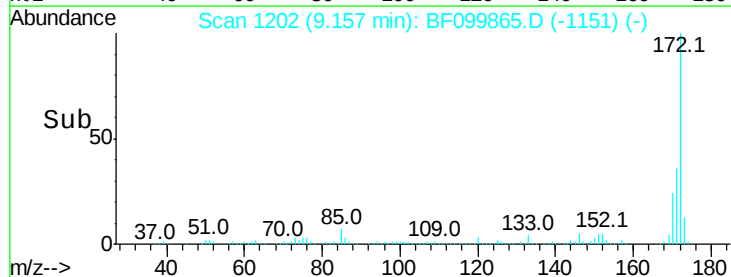
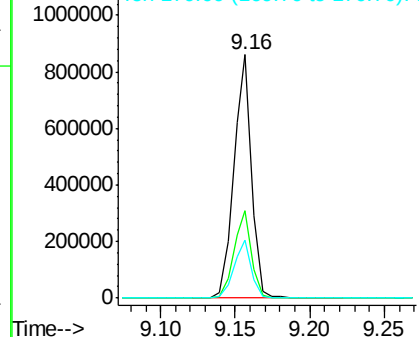


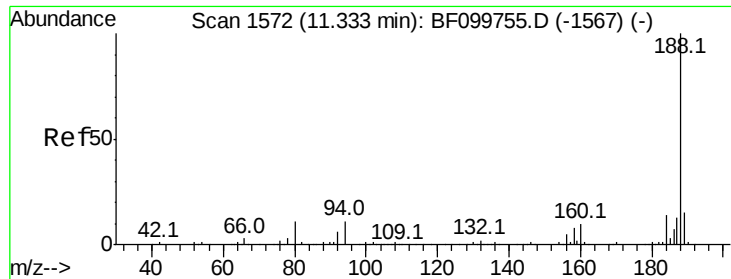
#44
 2-Fluorobiphenyl
 Concen: 97.101 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF099865.D
 Acq: 26 Oct 2017 16:57

Tgt Ion:172 Resp: 720497
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.0 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

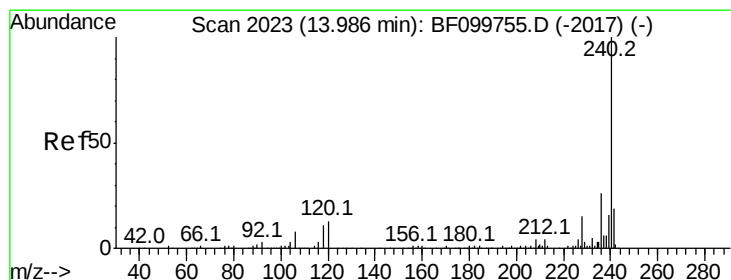
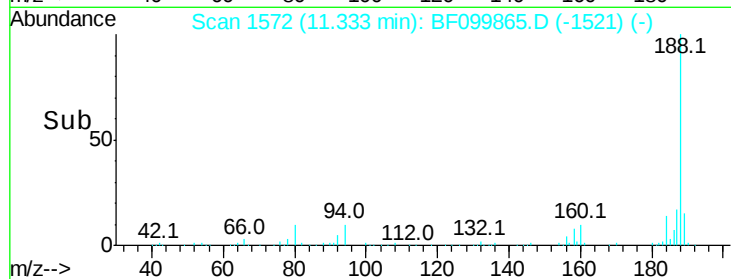
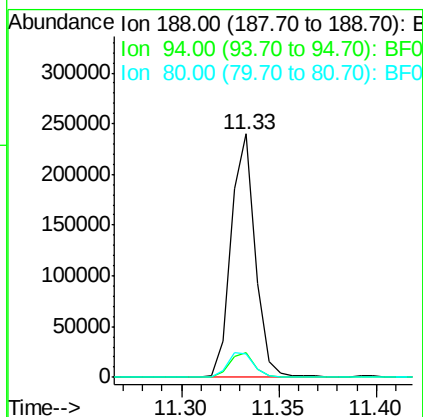
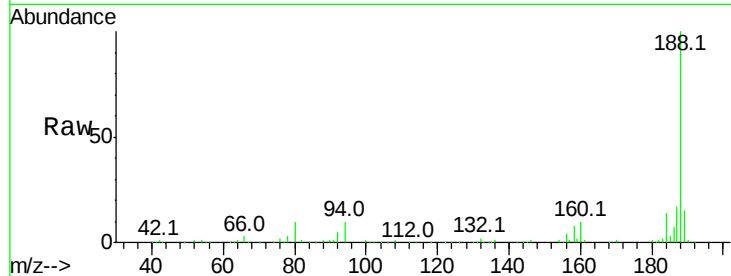




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF099865.D
Acq: 26 Oct 2017 16:57

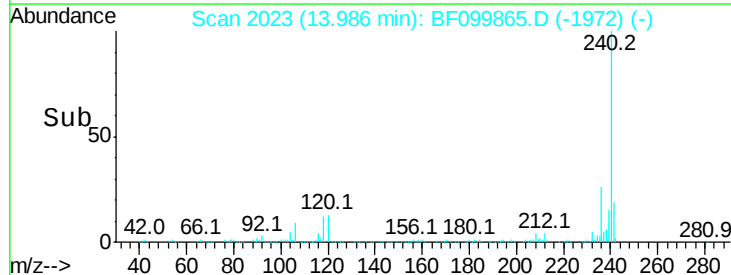
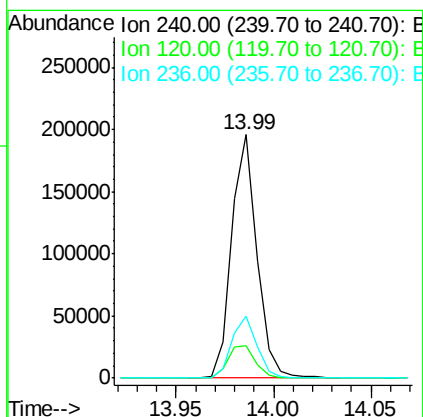
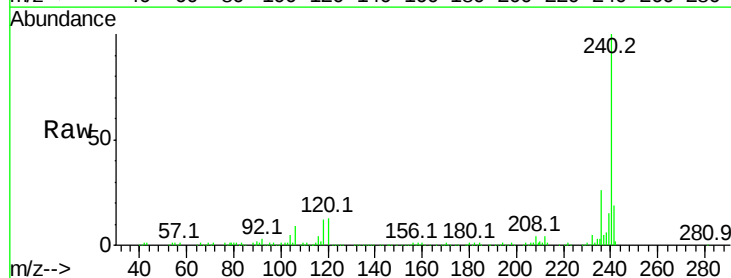
Instrument :
BNA_F
ClientSampleId :
MW-01

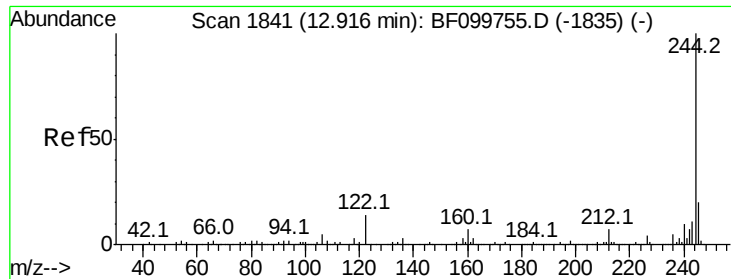
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	9.8	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF099865.D
Acq: 26 Oct 2017 16:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.5	14.3
236	25.6	20.7	31.1





#78

Terphenyl-d14

Concen: 81.082 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF099865.D

Acq: 26 Oct 2017 16:57

Instrument :

BNA_F

ClientSampleId :

MW-01

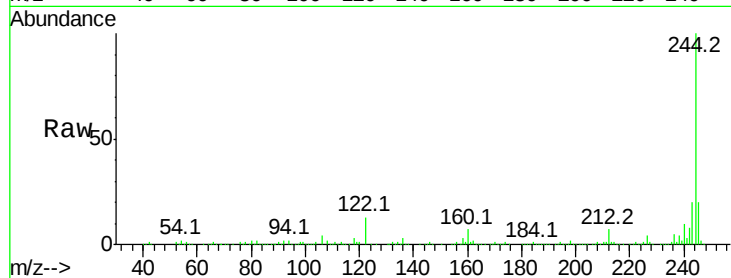
Tot Ion:244 Resp: 654819

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

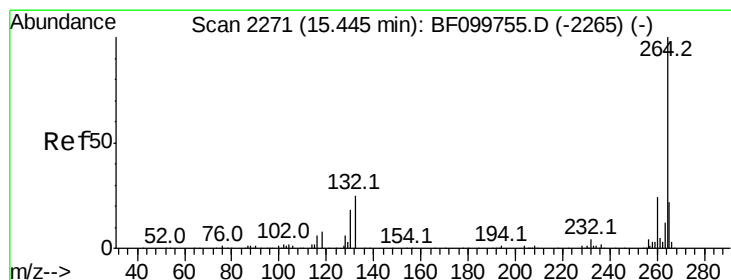
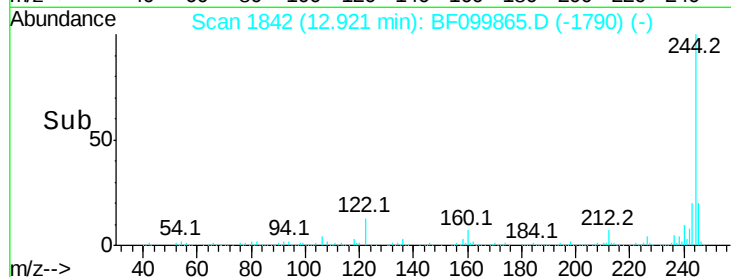
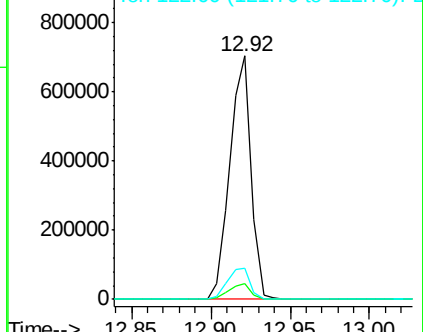
122 12.9 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. 0.01 min

Lab File: BF099865.D

Acq: 26 Oct 2017 16:57

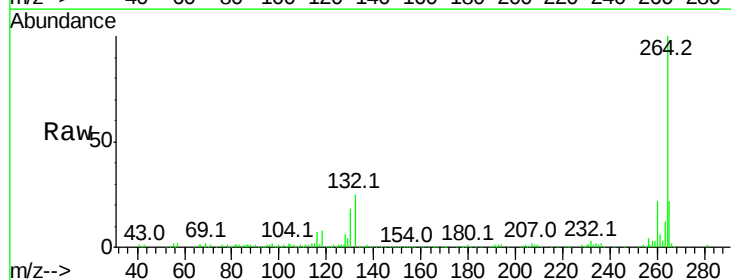
Tgt Ion:264 Resp: 174271

Ion Ratio Lower Upper

264 100

260 22.3 19.2 28.8

265 22.3 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

