

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102617\
 Data File : BF099863.D
 Acq On : 26 Oct 2017 16:02
 Operator : SJ/JU
 Sample : I6089-01 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01

Quant Time: Oct 26 17:09:57 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	61412	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	260725	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	119343	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	210520	20.00	ng	0.00
75) Chrysene-d12	13.99	240	179975	20.00	ng	0.00
86) Perylene-d12	15.46	264	173567	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	81665	20.88	ng	0.01
7) Phenol-d6	6.44	99	104145	22.45	ng	0.00
23) Nitrobenzene-d5	7.36	82	56147	13.86	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	23135	21.27	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	127545	16.49	ng	0.00
78) Terphenyl-d14	12.92	244	109916	13.35	ng	0.00

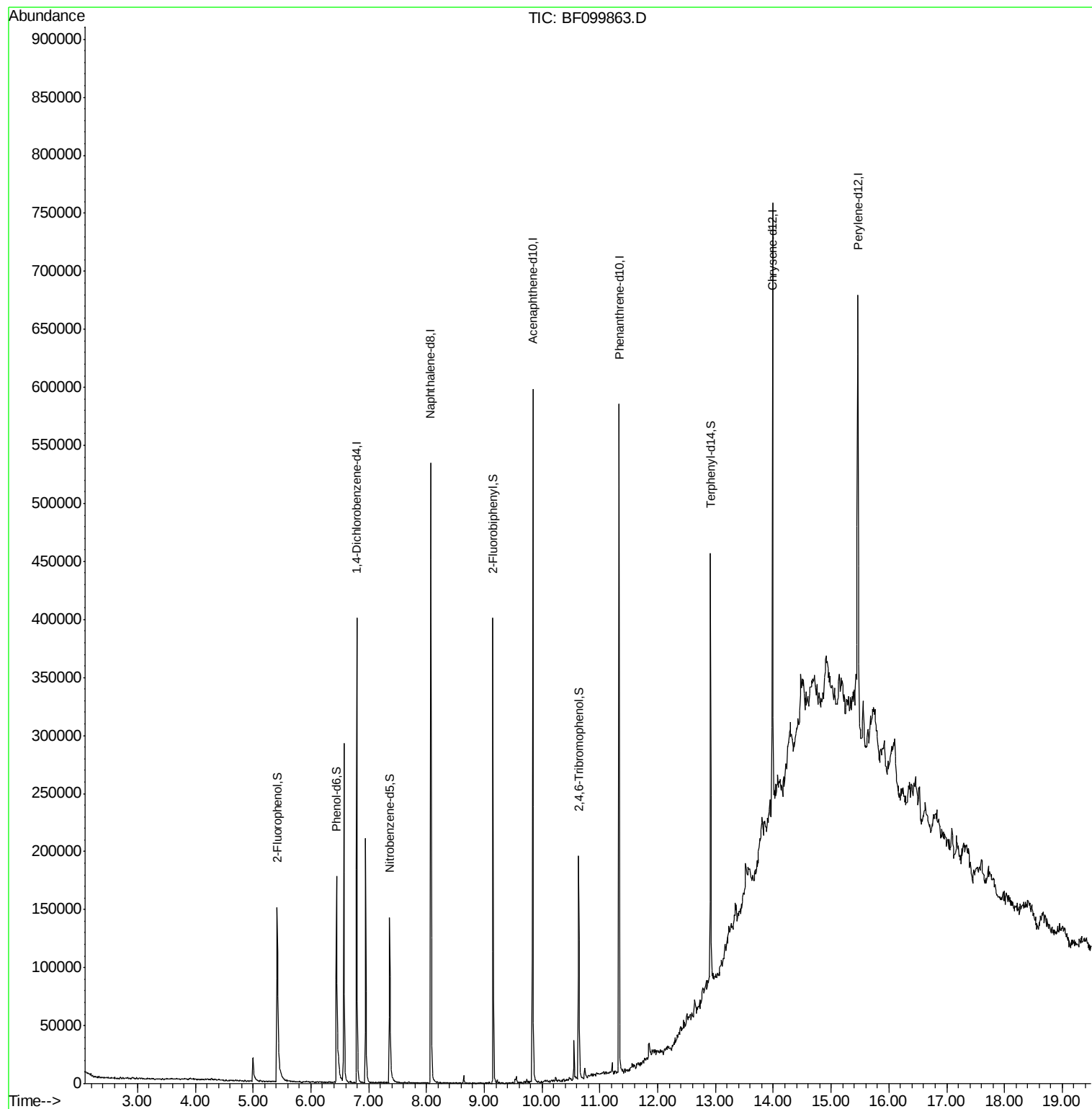
Target Compounds Qvalue

(#) = 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: BF099863.D

Acq: 26 Oct 2017 16:02

Instrument :

BNA_F

ClientSampleId :

SB-01

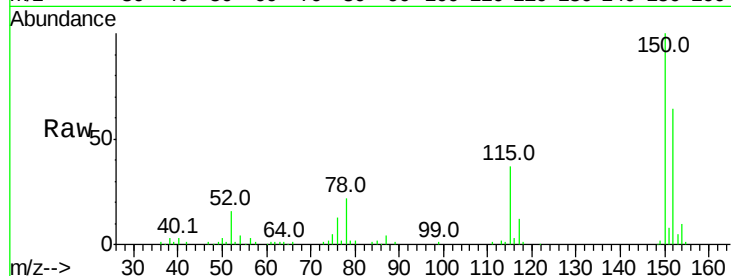
Tot Ion:152 Resp: 61412

Ion Ratio Lower Upper

152 100

150 156.0 124.6 186.8

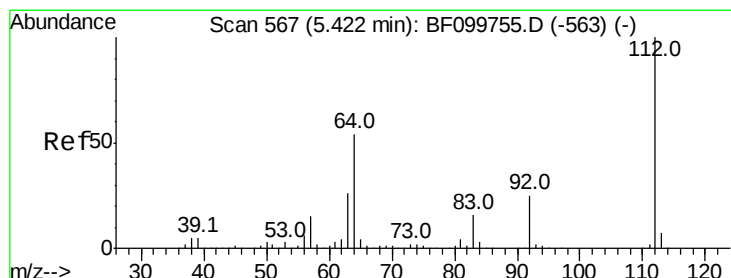
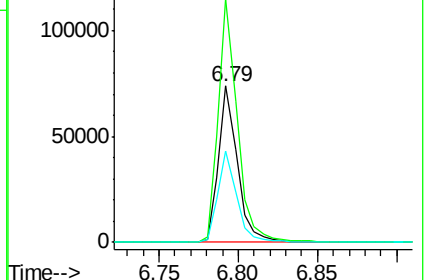
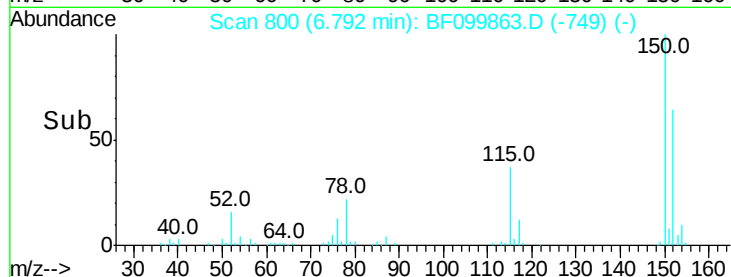
115 58.3 50.1 75.1



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: 20.877 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF099863.D

Acq: 26 Oct 2017 16:02

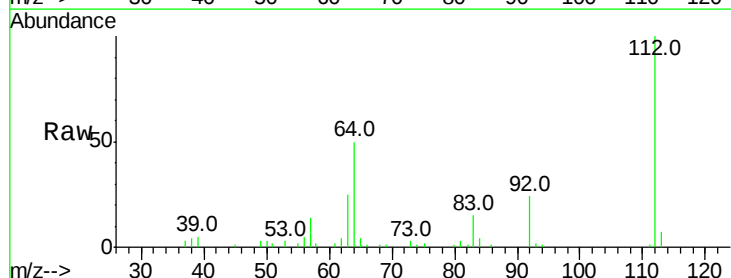
Tgt Ion:112 Resp: 81665

Ion Ratio Lower Upper

112 100

64 50.2 47.9 71.9

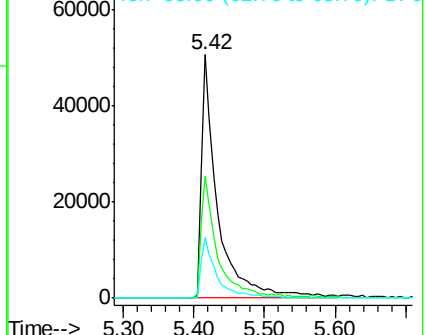
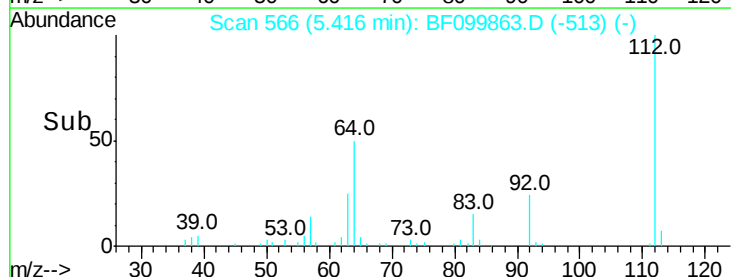
63 25.1 23.7 35.5



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: 22.454 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF099863.D

Acq: 26 Oct 2017 16:02

Instrument :

BNA_F

ClientSampleId :

SB-01

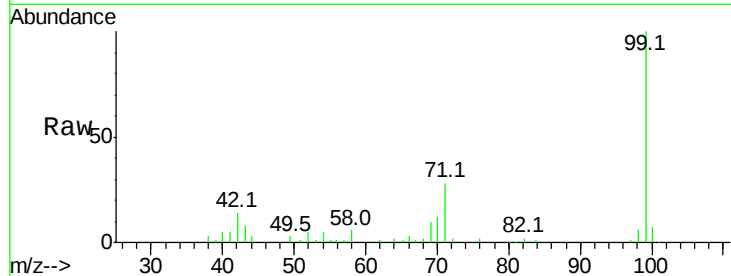
Tot Ion: 99 Resp: 104145

Ion Ratio Lower Upper

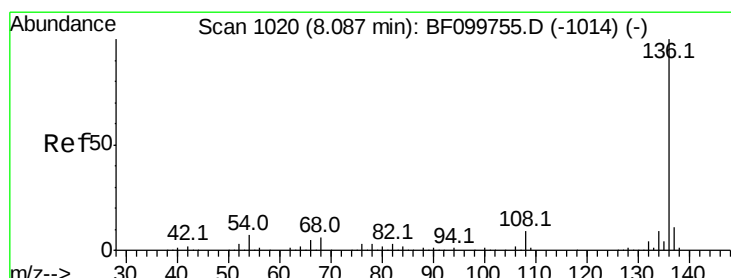
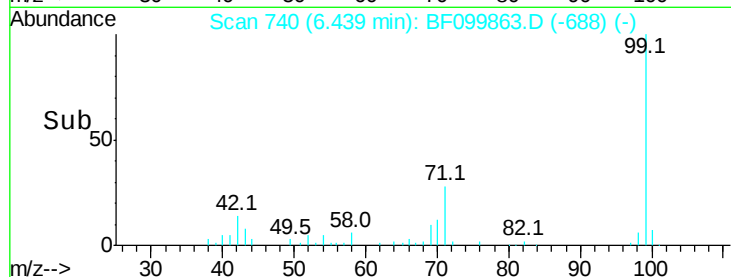
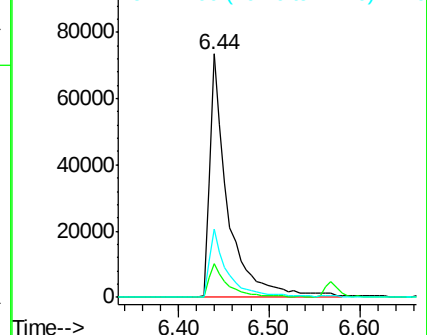
99 100

42 13.8 14.5 21.7#

71 27.8 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: BF099863.D

Acq: 26 Oct 2017 16:02

Tgt Ion: 136 Resp: 260725

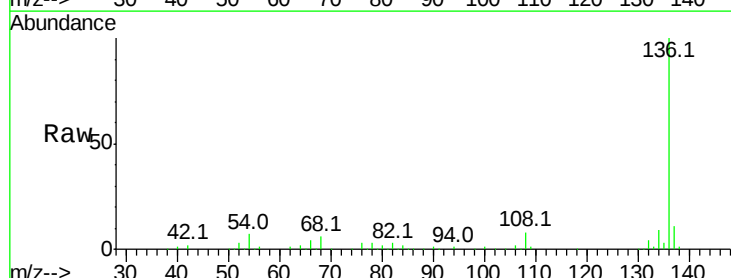
Ion Ratio Lower Upper

136 100

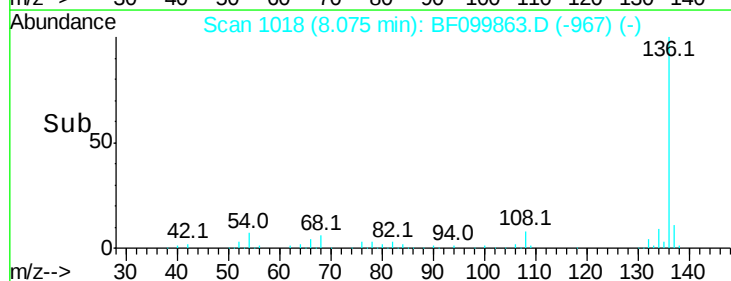
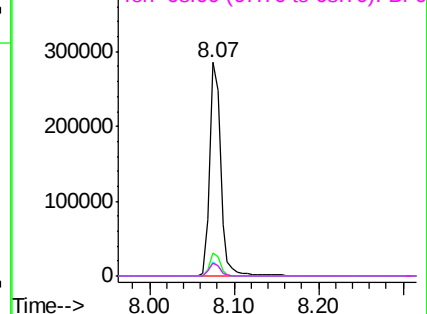
137 10.9 8.9 13.3

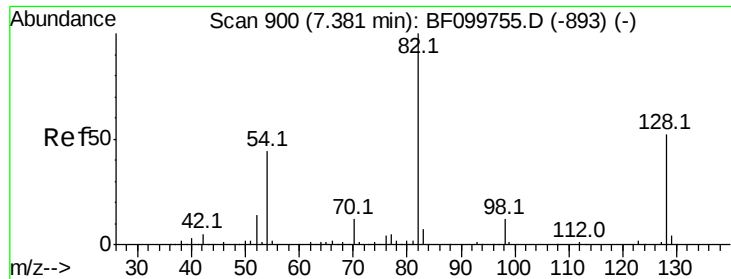
54 6.7 6.6 9.8

68 5.9 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

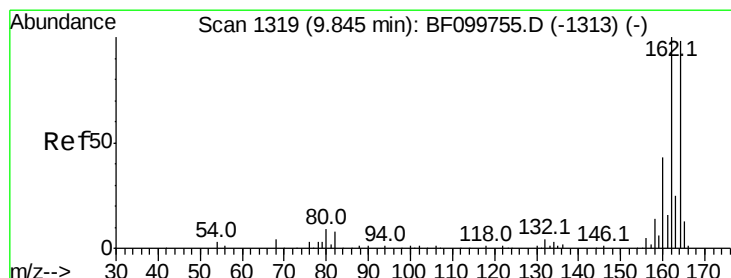
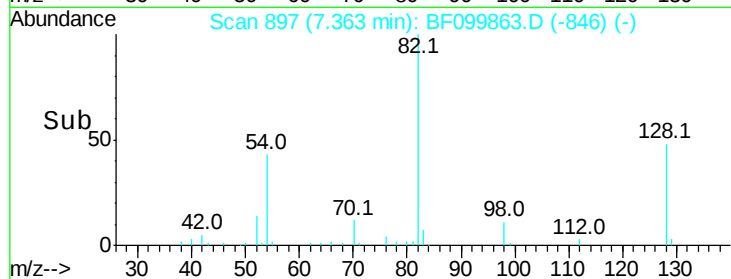
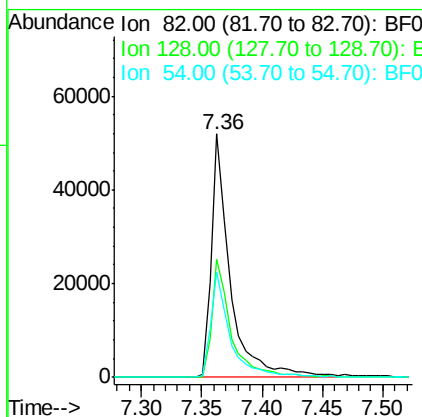
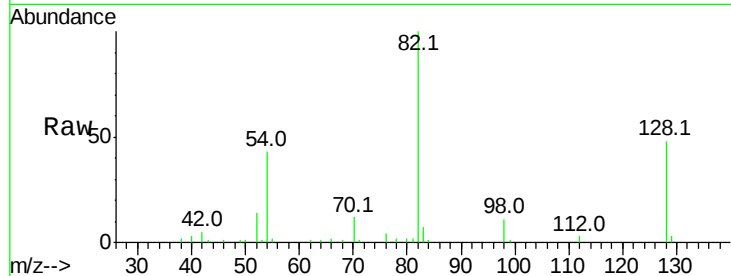




#23
 Nitrobenzene-d5
 Concen: 13.864 ng
 RT: 7.36 min Scan# 897
 Delta R.T. 0.00 min
 Lab File: BF099863.D
 Acq: 26 Oct 2017 16:02

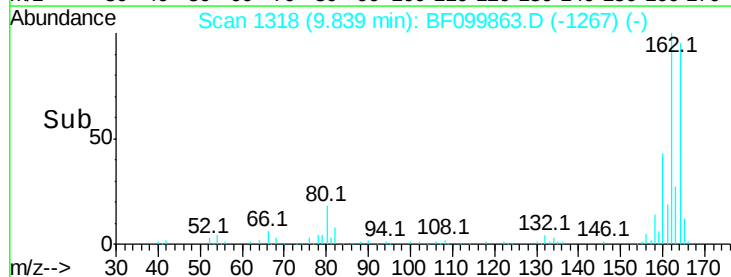
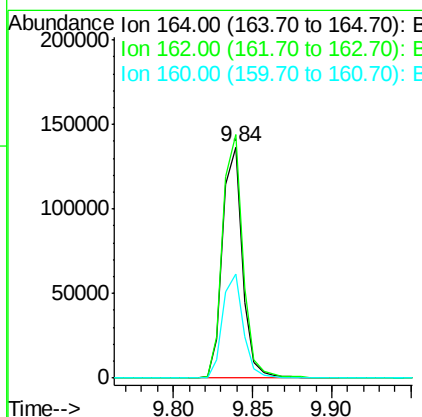
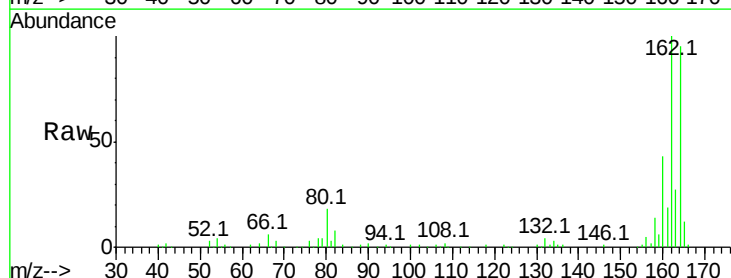
Instrument :
 BNA_F
 ClientSampleId :
 SB-01

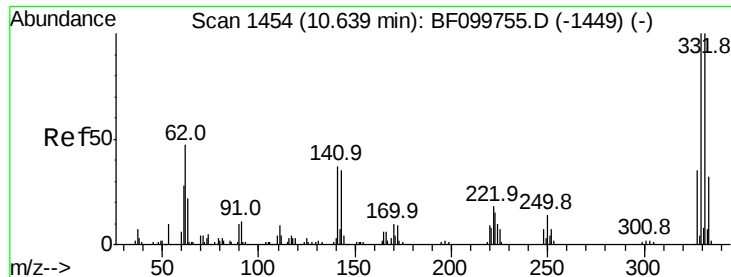
Tot Ion: 82 Resp: 56147
 Ion Ratio Lower Upper
 82 100
 128 48.4 36.1 54.1
 54 43.3 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF099863.D
 Acq: 26 Oct 2017 16:02

Tgt Ion:164 Resp: 119343
 Ion Ratio Lower Upper
 164 100
 162 105.3 86.1 129.1
 160 45.0 38.3 57.5

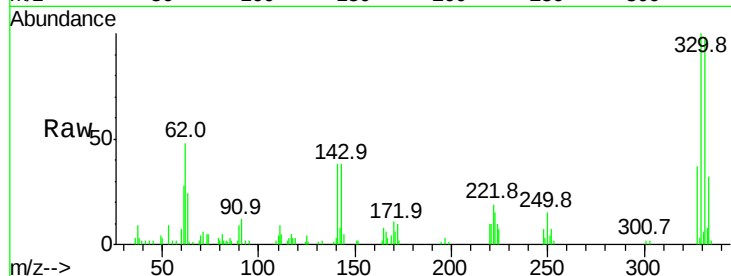




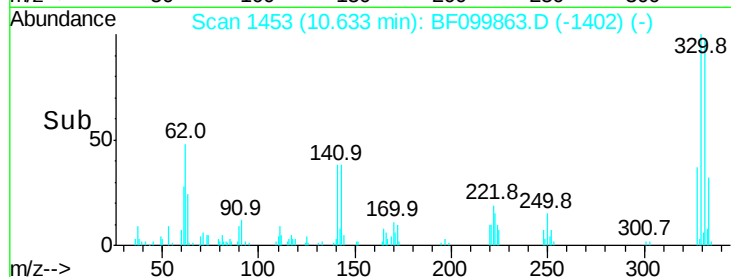
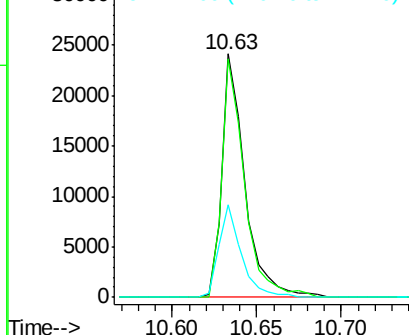
#41
 2,4,6-Tribromophenol
 Concen: 21.272 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF099863.D
 Acq: 26 Oct 2017 16:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-01

Tot Ion:330 Resp: 23135
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 37.1 29.9 44.9

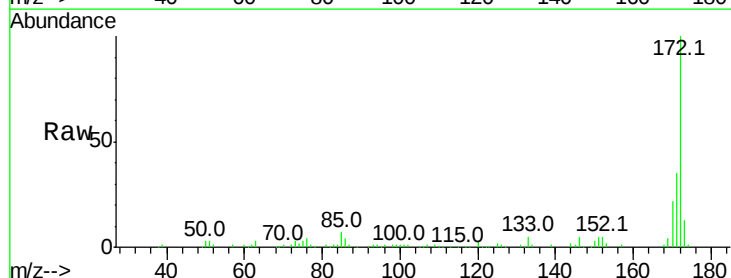


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

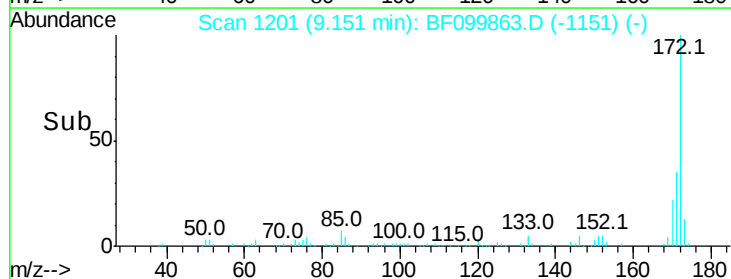
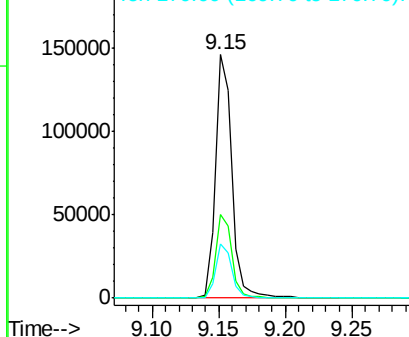


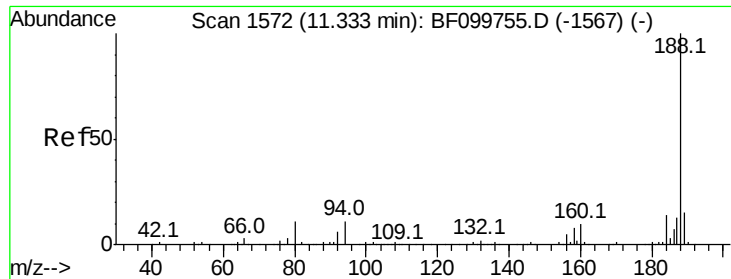
#44
 2-Fluorobiphenyl
 Concen: 16.489 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF099863.D
 Acq: 26 Oct 2017 16:02

Tgt Ion:172 Resp: 127545
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.7 44.5
 170 22.2 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

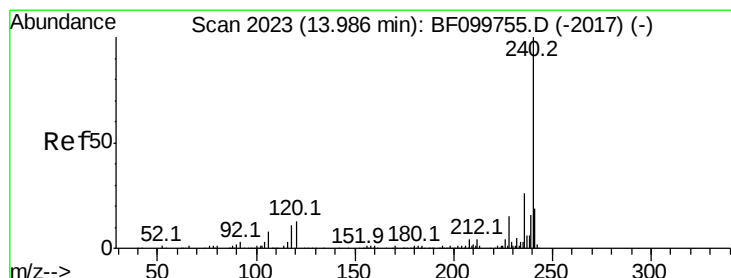
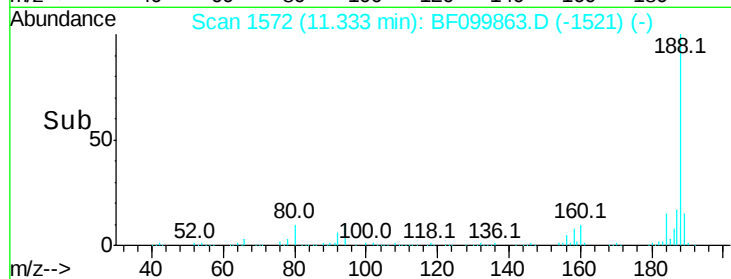
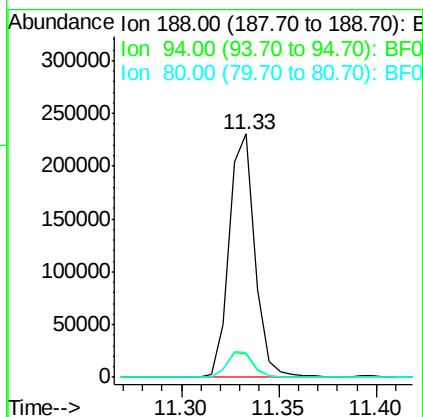
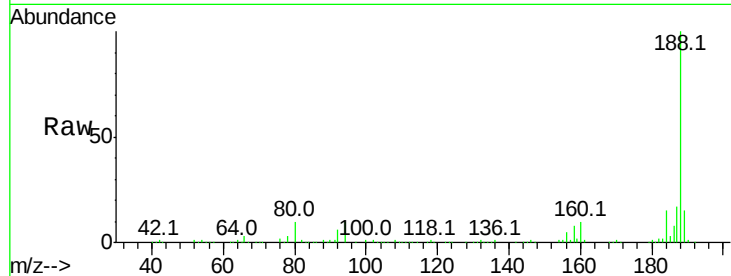




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF099863.D
Acq: 26 Oct 2017 16:02

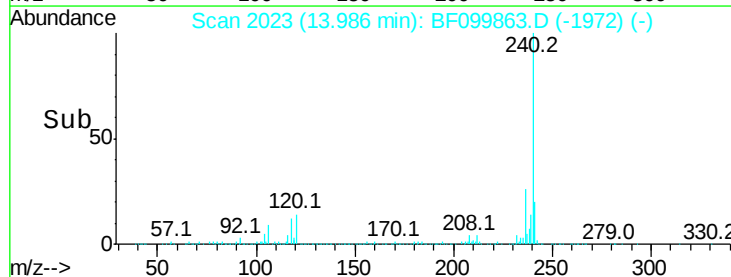
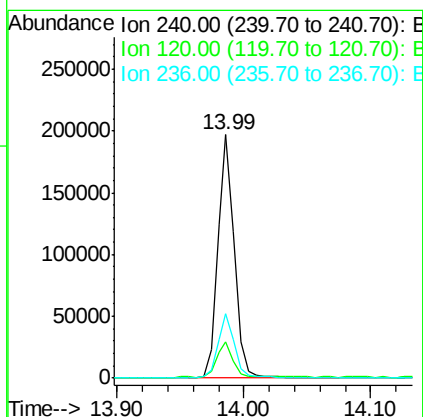
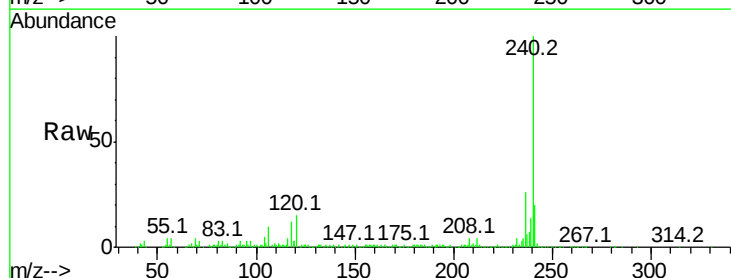
Instrument :
BNA_F
ClientSampleId :
SB-01

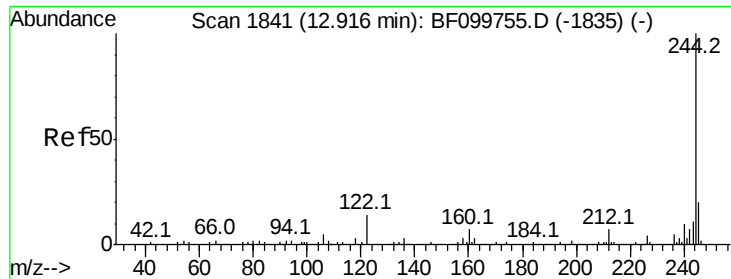
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.3	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF099863.D
Acq: 26 Oct 2017 16:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.8	9.5	14.3#
236	26.4	20.7	31.1

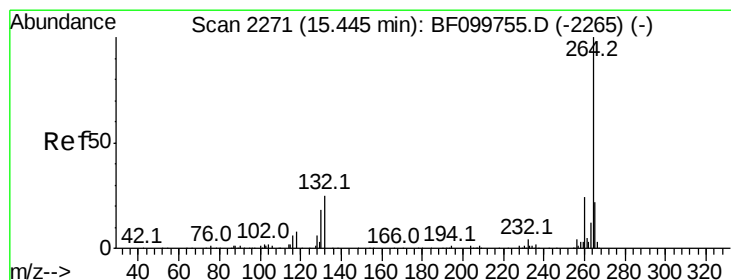
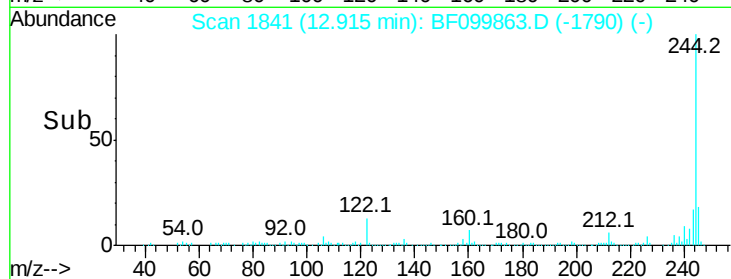
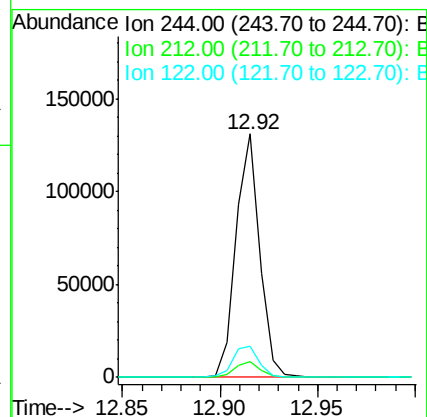
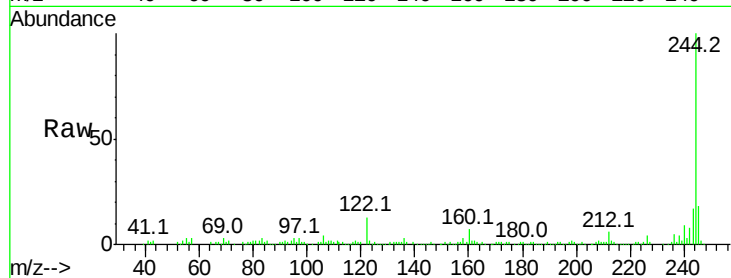




#78
 Terphenyl-d14
 Concen: 13.347 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF099863.D
 Acq: 26 Oct 2017 16:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-01

Tot Ion:244 Resp: 109916
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 12.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: BF099863.D
 Acq: 26 Oct 2017 16:02

Tgt Ion:264 Resp: 173567
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 20.8 17.5 26.3

