

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
 Data File : BF099803.D
 Acq On : 24 Oct 2017 22:17
 Operator : SJ/JU
 Sample : I6019-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03

Quant Time: Oct 25 08:45:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 23:39:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	105515	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	432711	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	187740	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	290761	20.00	ng	0.00
75) Chrysene-d12	13.98	240	207044	20.00	ng	0.00
86) Perylene-d12	15.45	264	203402	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	617643	91.90	ng	0.00
7) Phenol-d6	6.45	99	737546	92.55	ng	0.00
23) Nitrobenzene-d5	7.37	82	418193	62.22	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	132361	77.36	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	810746	66.63	ng	0.00
78) Terphenyl-d14	12.92	244	550059	58.06	ng	0.00

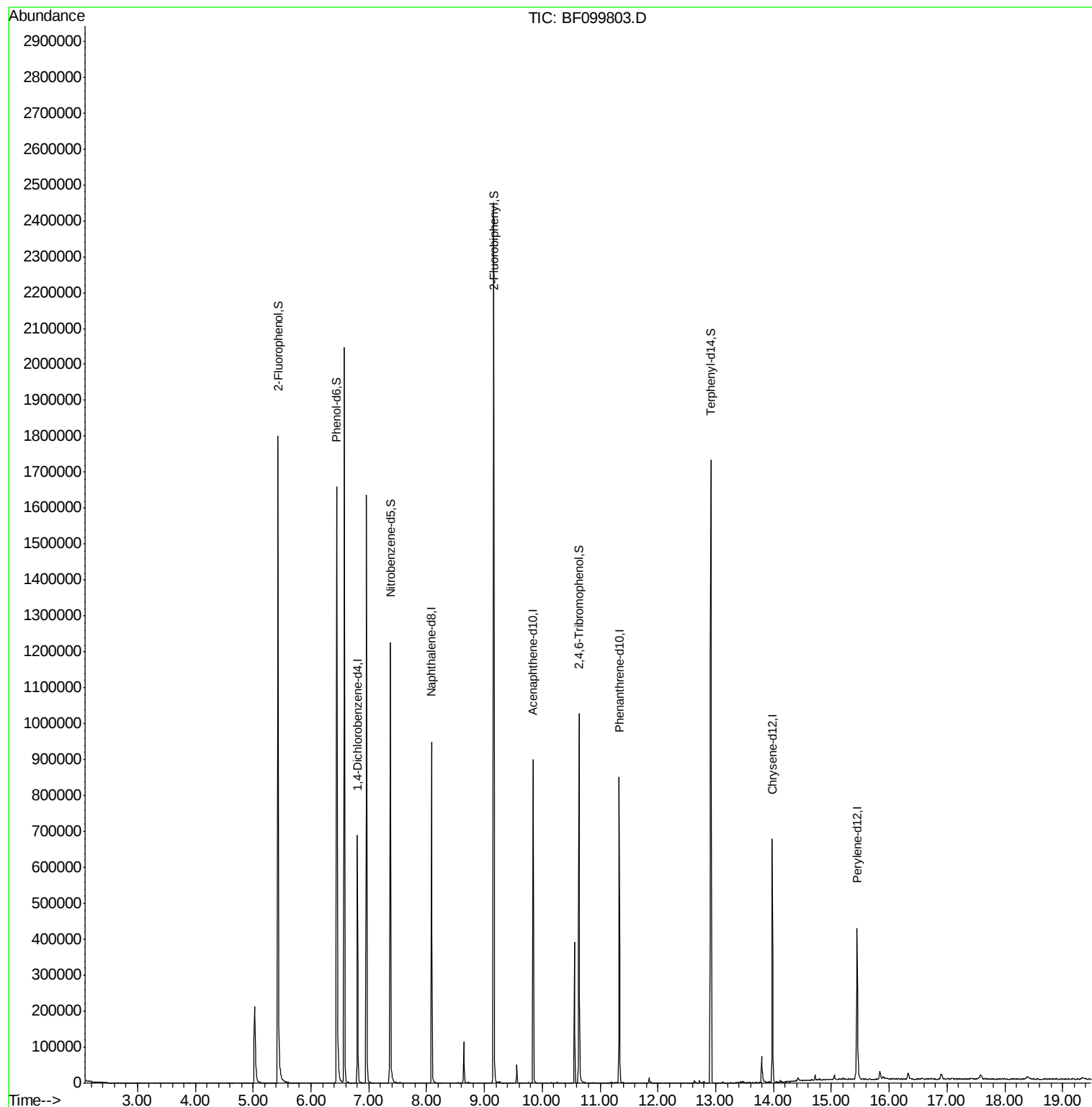
Target Compounds Qvalue

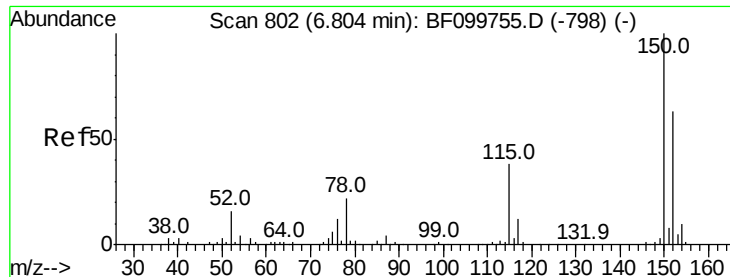
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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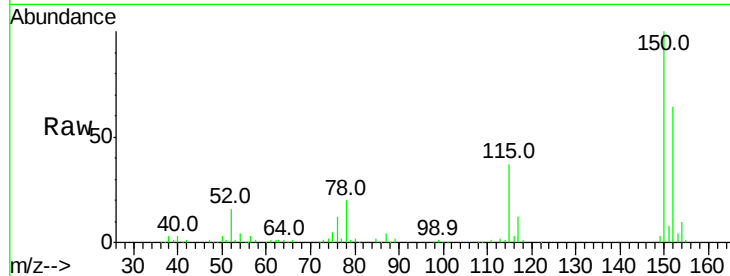


#1

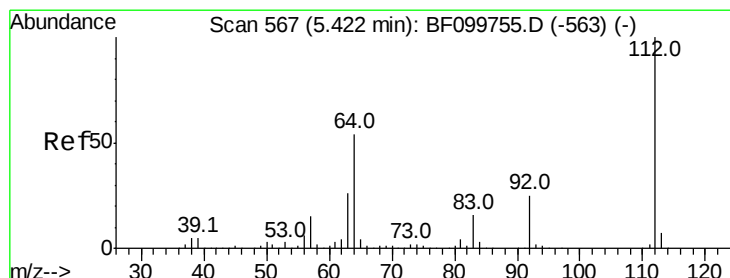
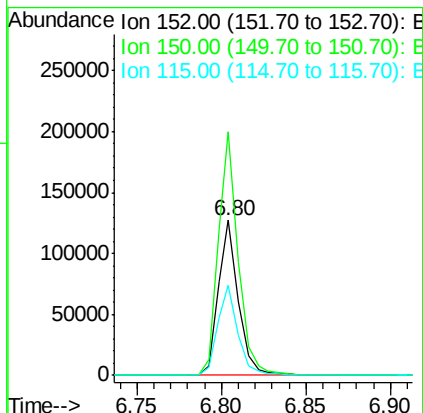
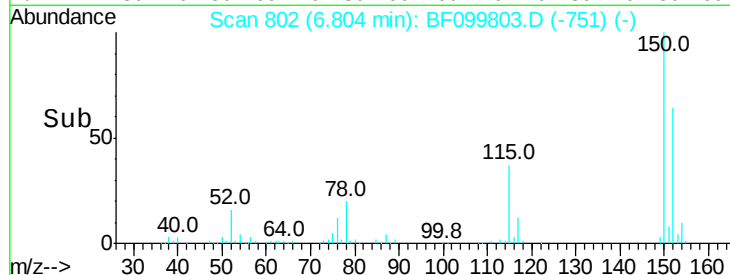
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF099803.D
 Acq: 24 Oct 2017 22:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-03

Tot Ion:152 Resp: 105515
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.6 186.8
 115 58.5 50.1 75.1



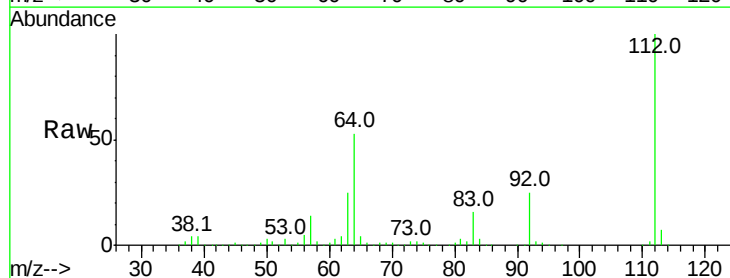
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



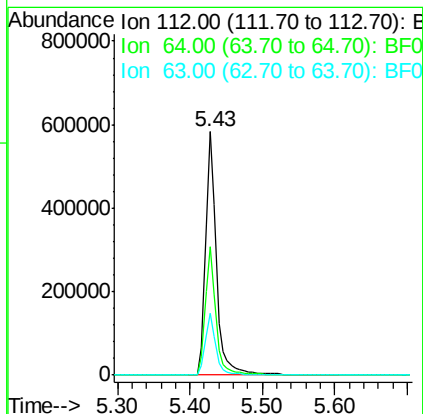
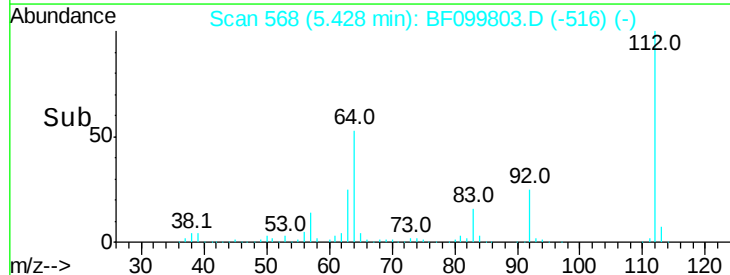
#5

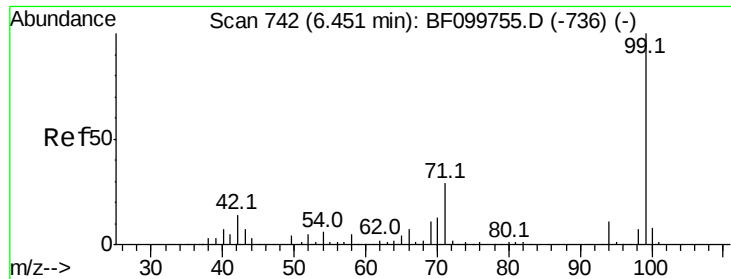
2-Fluorophenol
 Concen: 91.900 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF099803.D
 Acq: 24 Oct 2017 22:17

Tgt Ion:112 Resp: 617643
 Ion Ratio Lower Upper
 112 100
 64 52.7 47.9 71.9
 63 25.4 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: 92.551 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099803.D

Acq: 24 Oct 2017 22:17

Instrument :

BNA_F

ClientSampleId :

SB-03

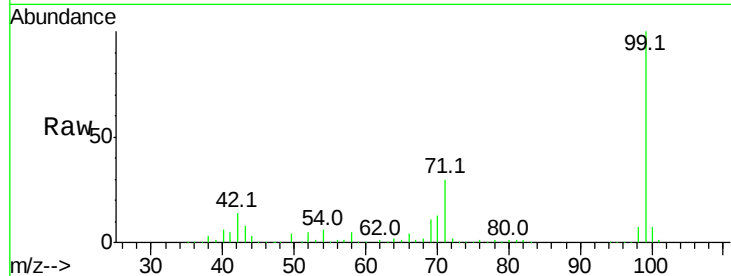
Tot Ion: 99 Resp: 737546

Ion Ratio Lower Upper

99 100

42 14.2 14.5 21.7#

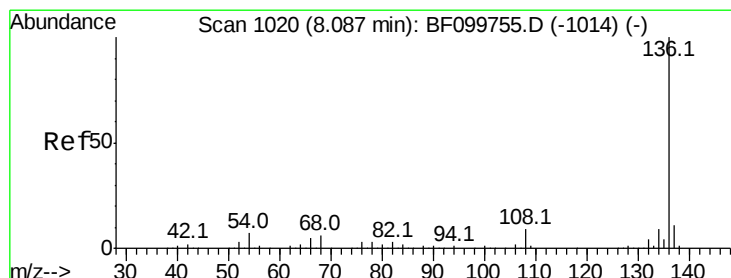
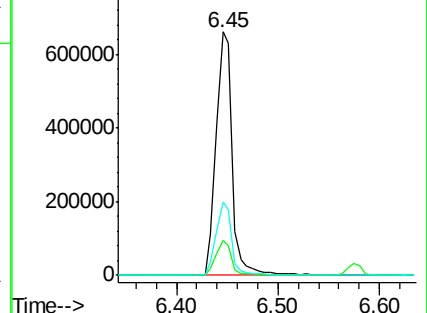
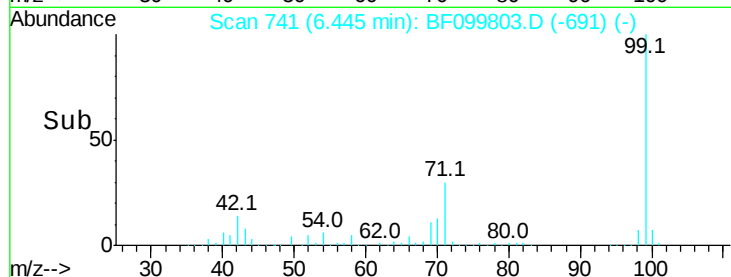
71 30.0 25.4 38.0



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: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF099803.D

Acq: 24 Oct 2017 22:17

Tgt Ion: 136 Resp: 432711

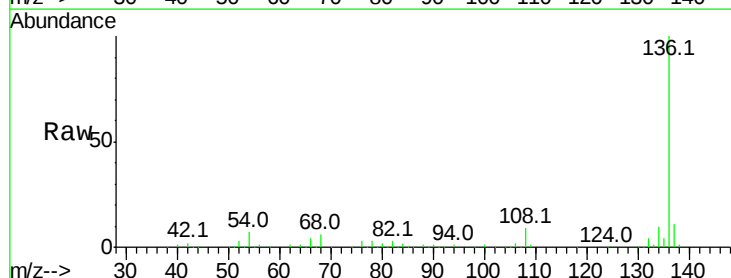
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 6.6 6.6 9.8

68 5.7 5.0 7.4

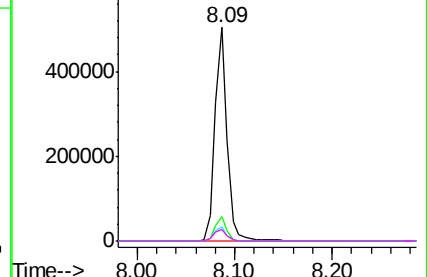
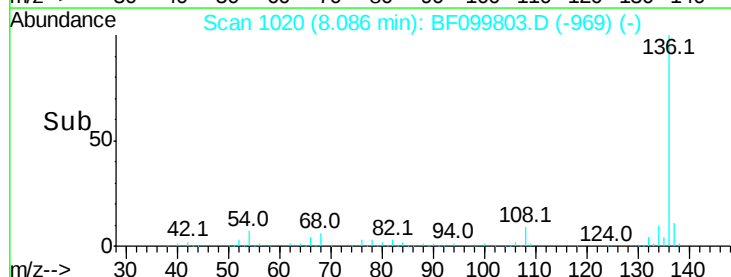


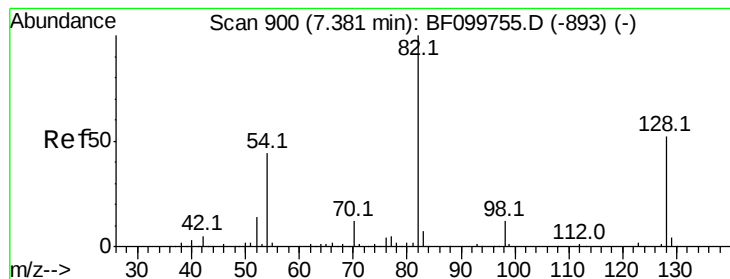
Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.220 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF099803.D

Acq: 24 Oct 2017 22:17

Instrument :

BNA_F

ClientSampleId :

SB-03

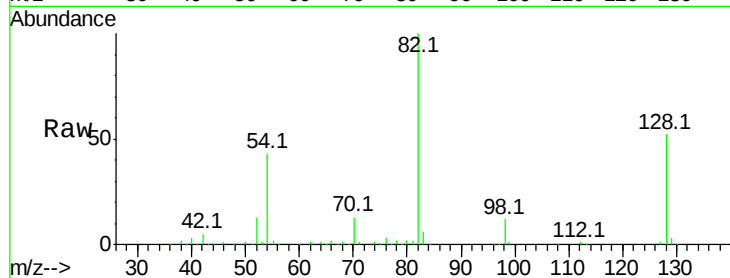
Tot Ion: 82 Resp: 418193

Ion Ratio Lower Upper

82 100

128 52.2 36.1 54.1

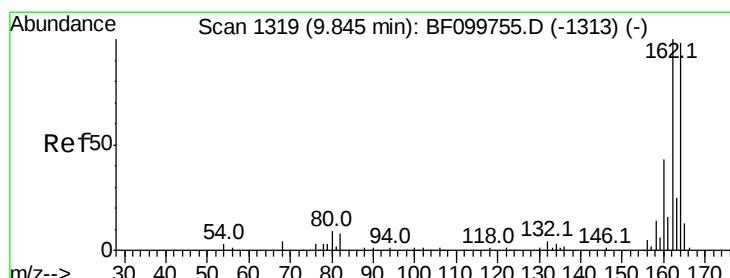
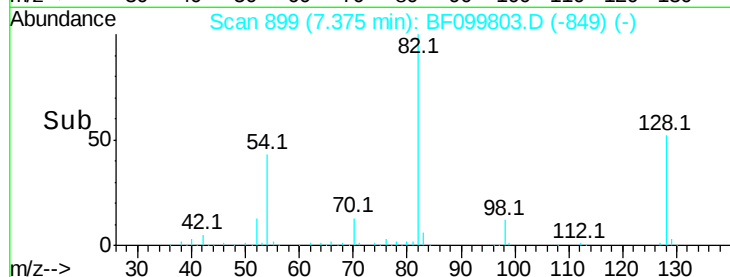
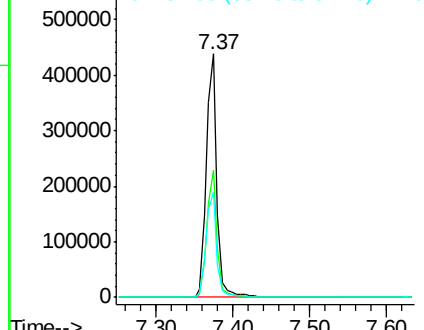
54 43.3 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

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. -0.01 min

Lab File: BF099803.D

Acq: 24 Oct 2017 22:17

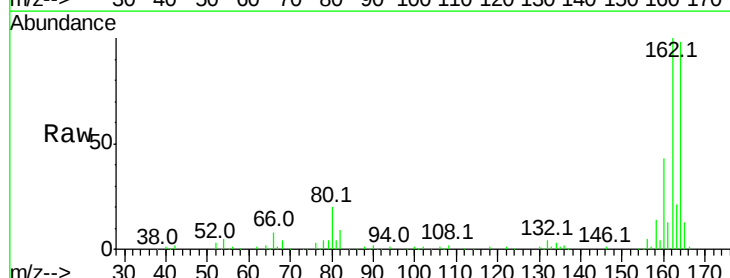
Tgt Ion:164 Resp: 187740

Ion Ratio Lower Upper

164 100

162 102.4 86.1 129.1

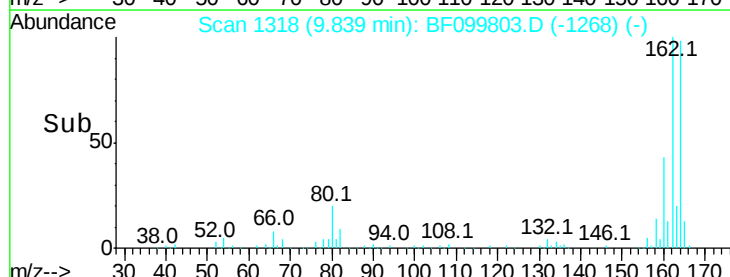
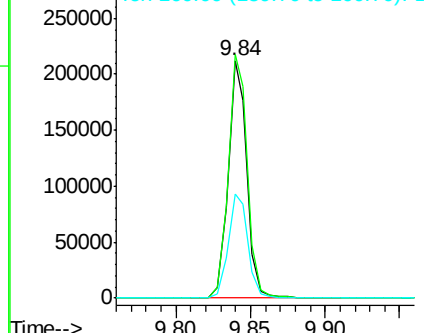
160 43.8 38.3 57.5

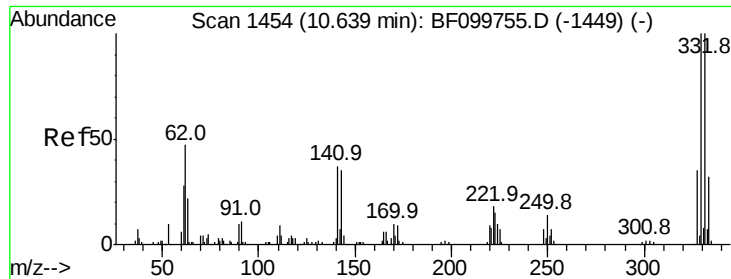


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

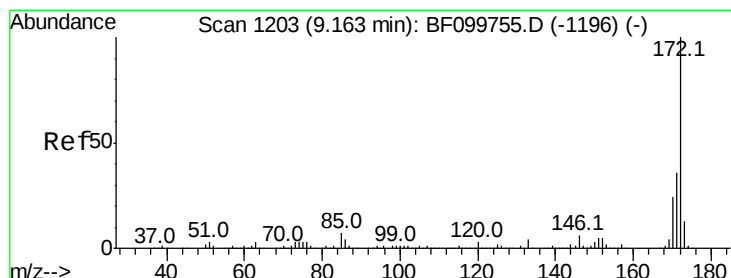
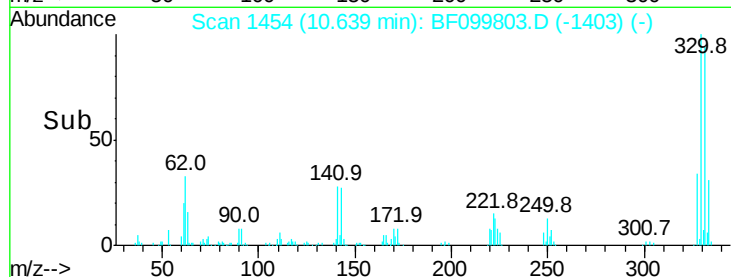
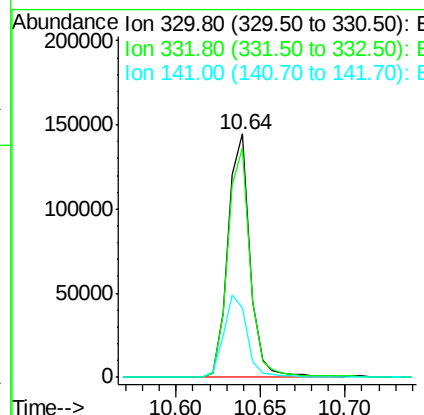
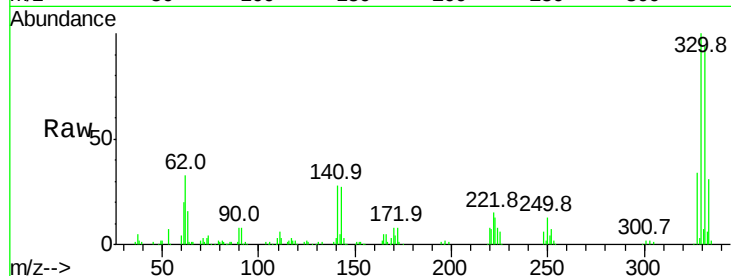




#41
 2,4,6-Tribromophenol
 Concen: 77.363 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF099803.D
 Acq: 24 Oct 2017 22:17

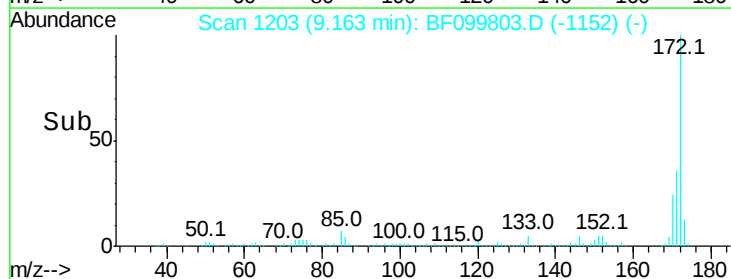
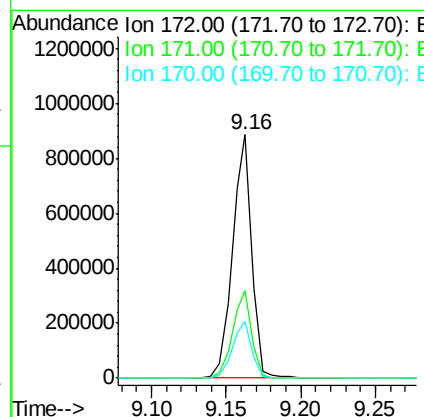
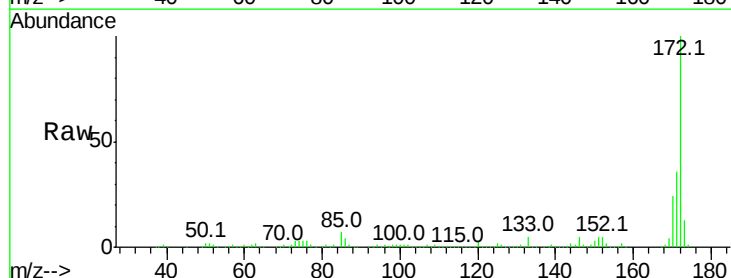
Instrument :
 BNA_F
 ClientSampled :
 SB-03

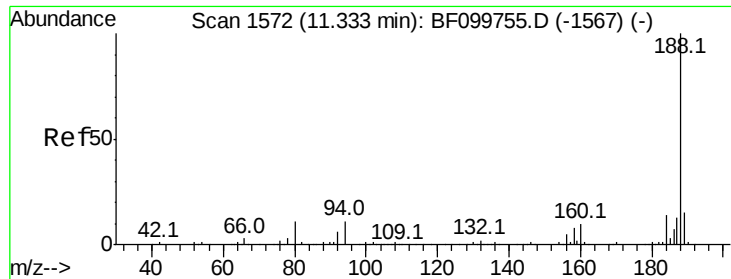
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	36.1	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 66.627 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF099803.D
 Acq: 24 Oct 2017 22:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.5	19.6	29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BF099803.D

Acq: 24 Oct 2017 22:17

Instrument :

BNA_F

ClientSampleId :

SB-03

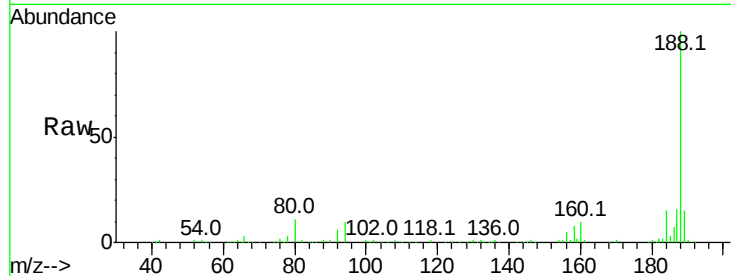
Tot Ion:188 Resp: 290761

Ion Ratio Lower Upper

188 100

94 9.9 8.5 12.7

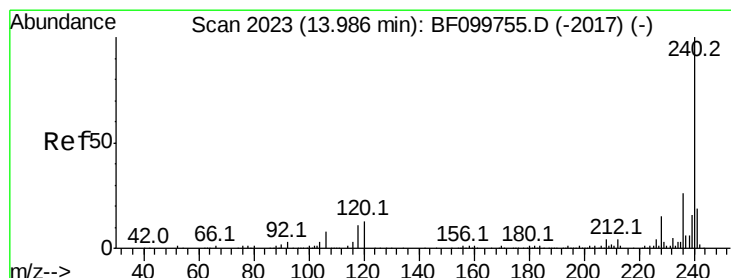
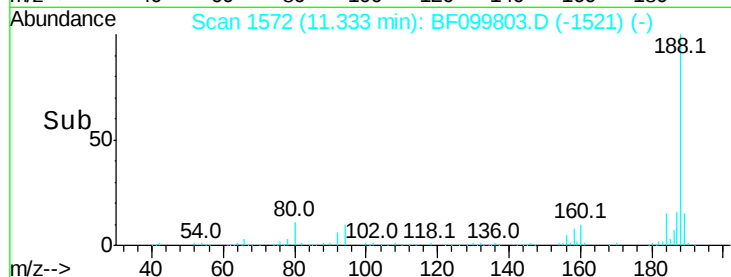
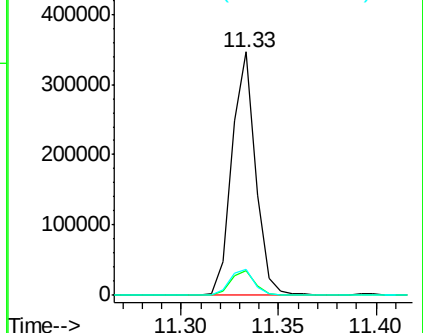
80 10.5 9.2 13.8



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: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF099803.D

Acq: 24 Oct 2017 22:17

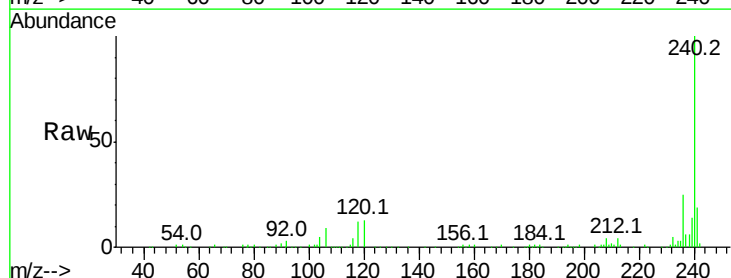
Tgt Ion:240 Resp: 207044

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

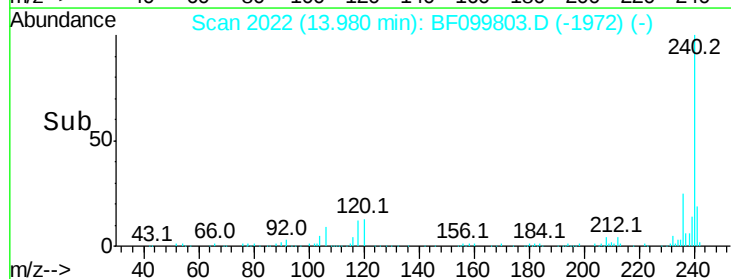
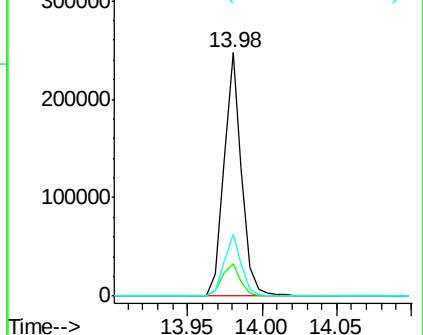
236 25.5 20.7 31.1

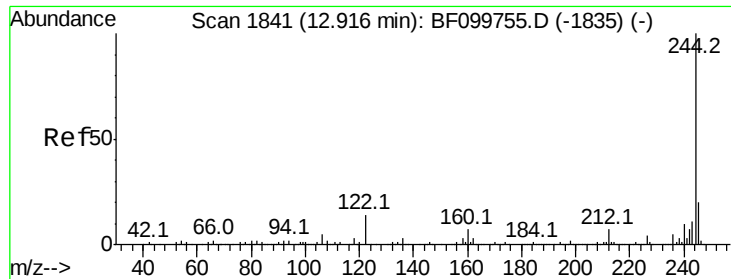


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

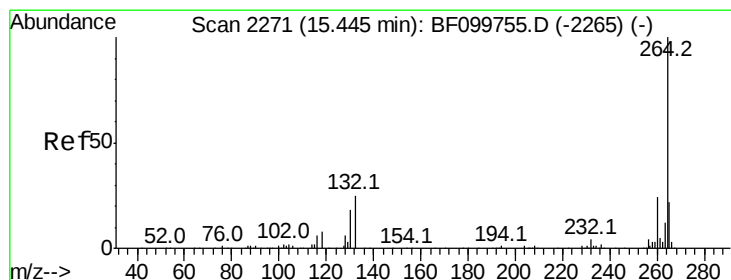
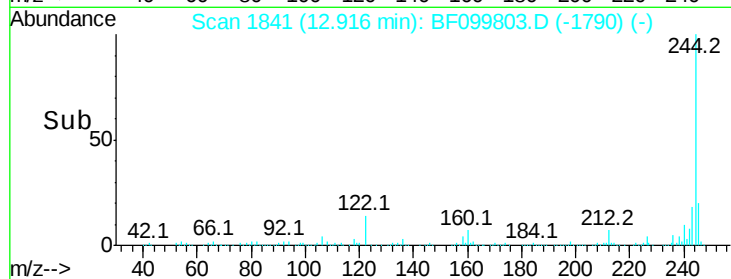
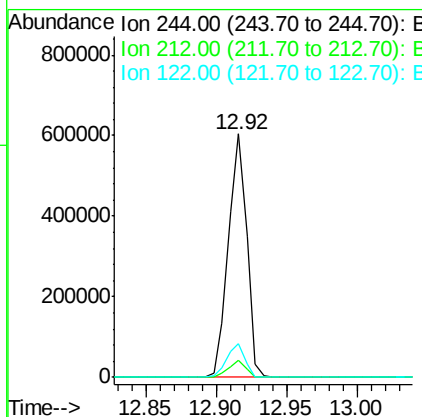
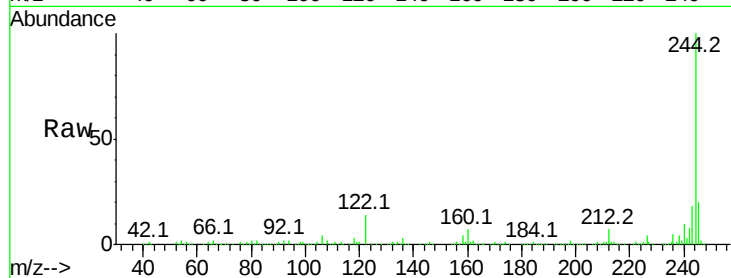




#78
 Terphenyl-d14
 Concen: 58.059 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF099803.D
 Acq: 24 Oct 2017 22:17

Instrument :
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 ClientSampleId :
 SB-03

Tot Ion:244 Resp: 550059
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: BF099803.D
 Acq: 24 Oct 2017 22:17

Tgt Ion:264 Resp: 203402
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 22.2 17.5 26.3

