

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099842.D
 Acq On : 26 Oct 2017 5:40
 Operator : SJ/JU
 Sample : I6057-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101917-TIDO-F-D-B

Quant Time: Oct 26 08:57:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 17:02:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	77481	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	312406	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	139376	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	249573	20.00	ng	0.00
75) Chrysene-d12	13.98	240	208731	20.00	ng	0.00
86) Perylene-d12	15.46	264	182924	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	214539	43.47	ng	0.00
7) Phenol-d6	6.43	99	166574	28.47	ng	0.00
23) Nitrobenzene-d5	7.36	82	418818	86.31	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	108656	85.55	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	833143	92.23	ng	0.00
78) Terphenyl-d14	12.92	244	796311	83.37	ng	0.00

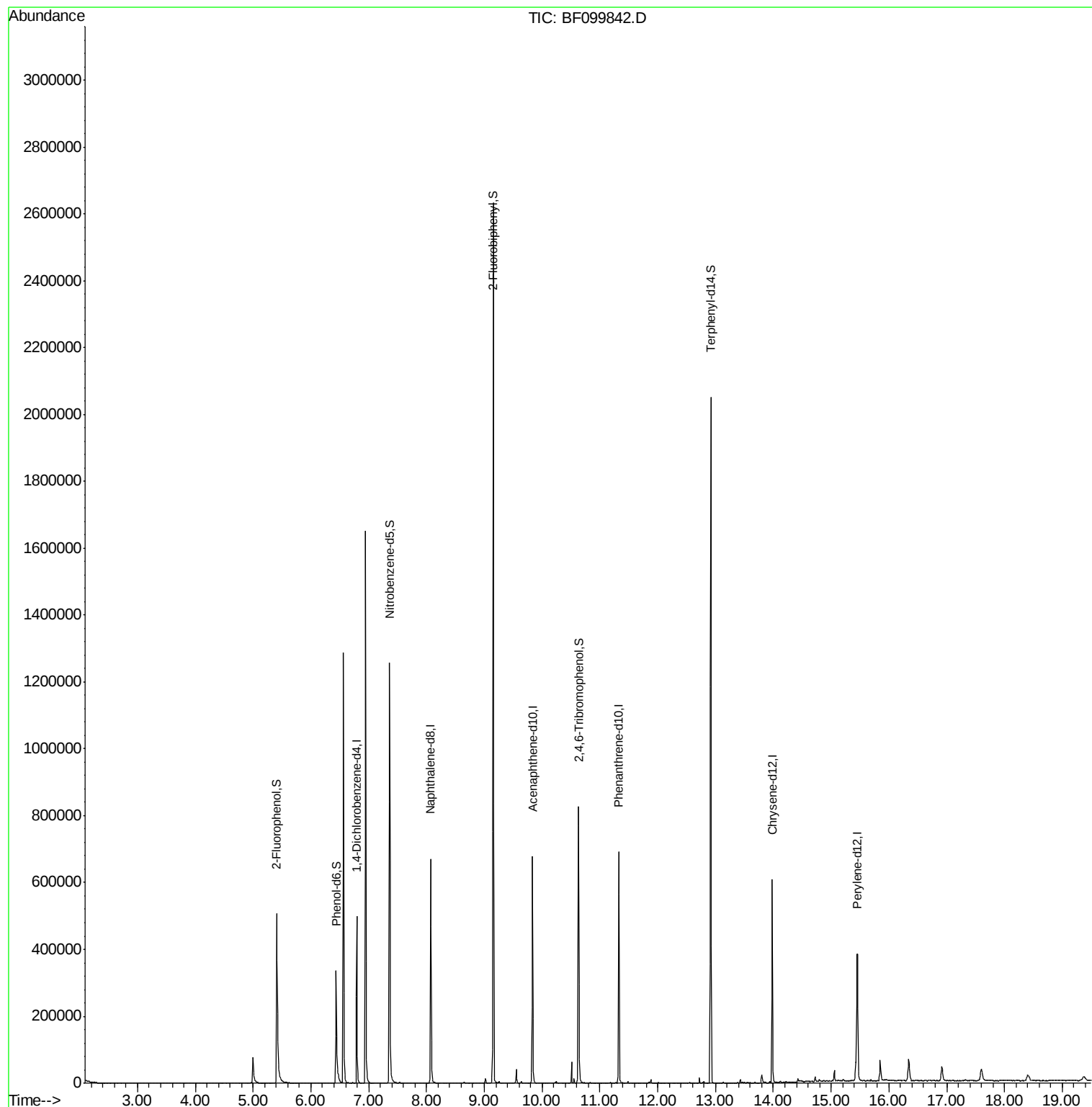
Target Compounds Qvalue

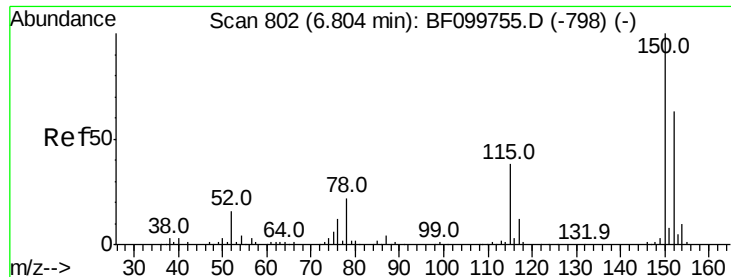
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
Data File : BF099842.D
Acq On : 26 Oct 2017 5:40
Operator : SJ/JU
Sample : I6057-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
101917-TIDO-F-D-B

Quant Time: Oct 26 08:57:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 25 17:02:52 2017
Response via : Initial Calibration



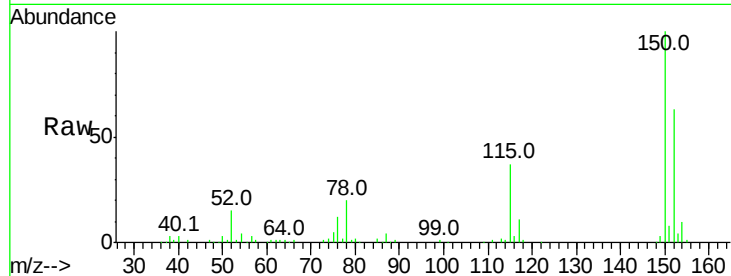


#1

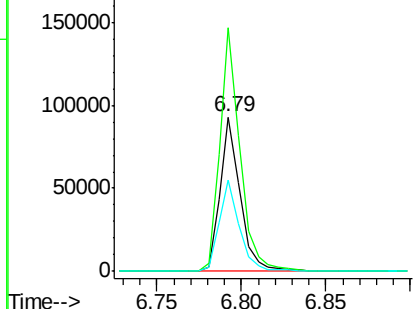
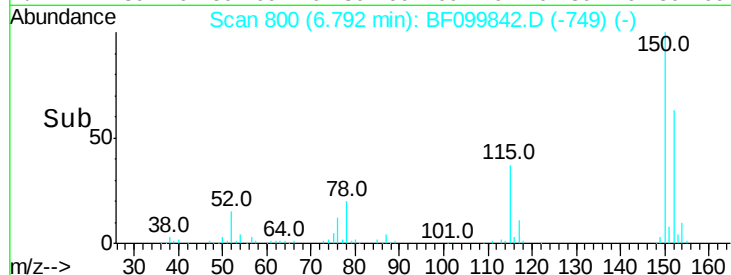
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF099842.D
Acq: 26 Oct 2017 5:40

Instrument :
BNA_F
ClientSampleId :
101917-TIDO-F-D-B

Tot Ion:152 Resp: 77481
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 58.9 50.1 75.1



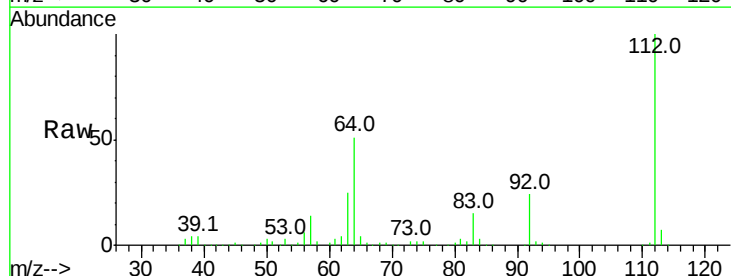
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



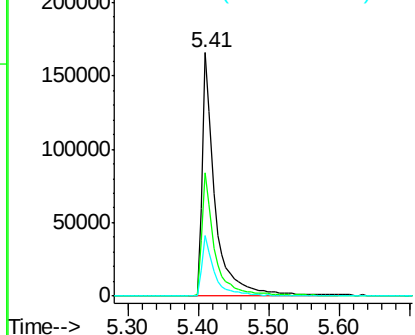
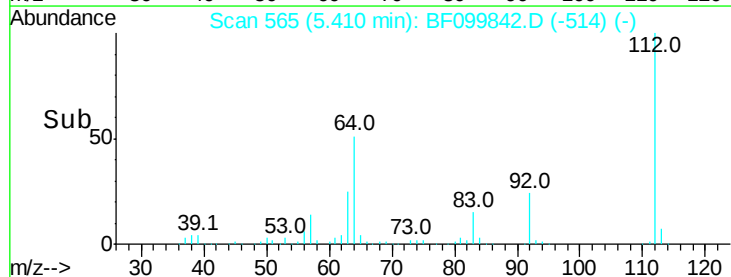
#5

2-Fluorophenol
Concen: 43.471 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF099842.D
Acq: 26 Oct 2017 5:40

Tgt Ion:112 Resp: 214539
Ion Ratio Lower Upper
112 100
64 50.8 47.9 71.9
63 24.9 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: 28.466 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099842.D

Acq: 26 Oct 2017 5:40

Instrument :

BNA_F

ClientSampleId :

101917-TIDO-F-D-B

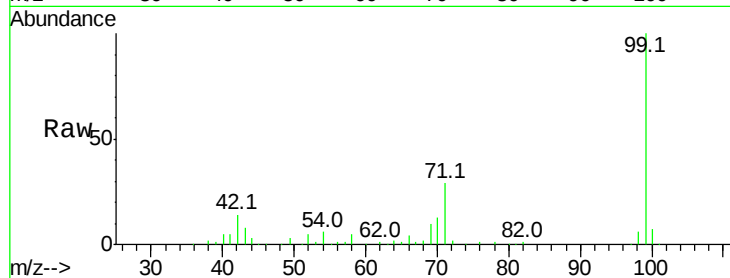
Tot Ion: 99 Resp: 166574

Ion Ratio Lower Upper

99 100

42 13.7 14.5 21.7#

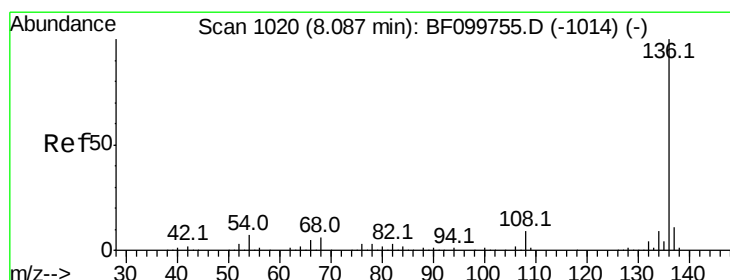
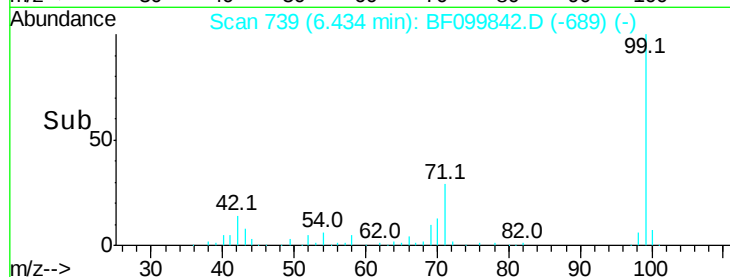
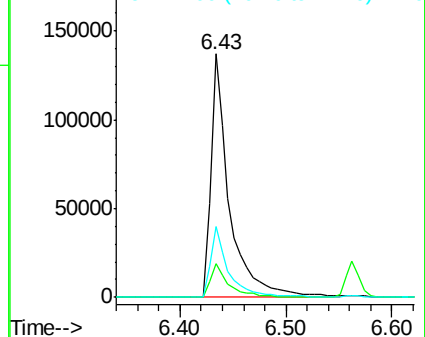
71 29.0 25.4 38.0



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: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF099842.D

Acq: 26 Oct 2017 5:40

Tgt Ion: 136 Resp: 312406

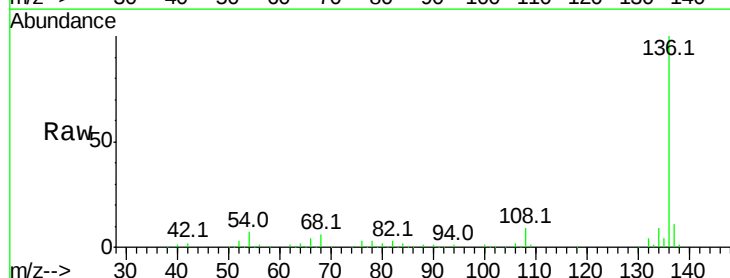
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.7 6.6 9.8

68 5.6 5.0 7.4

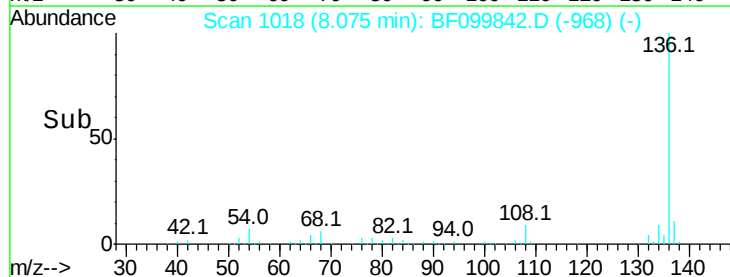
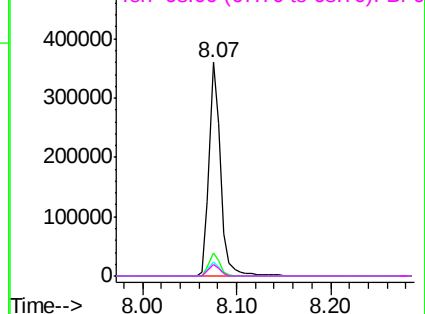


Abundance Ion 136.00 (135.70 to 136.70): E

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

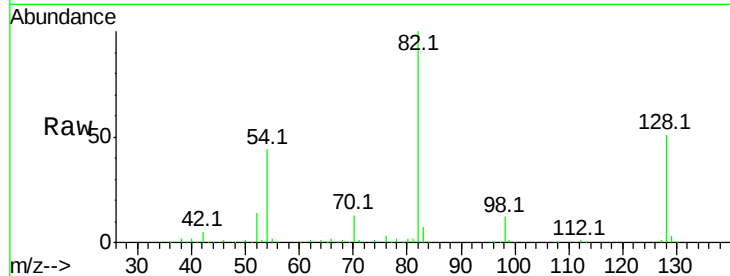




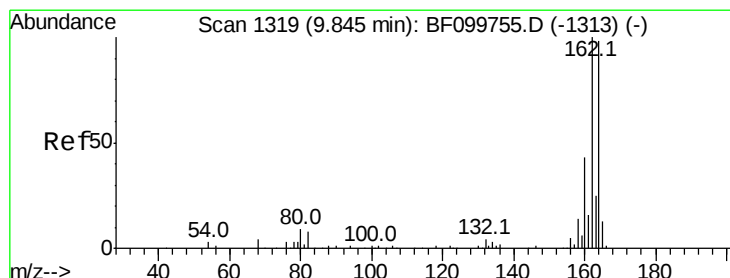
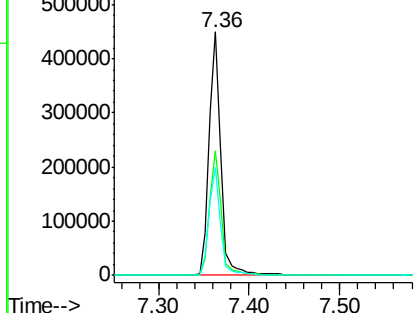
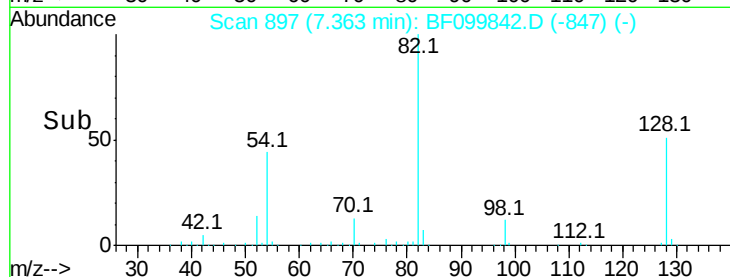
#23
 Nitrobenzene-d5
 Concen: 86.310 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF099842.D
 Acq: 26 Oct 2017 5:40

Instrument :
 BNA_F
 ClientSampleId :
 101917-TIDO-F-D-B

Tot Ion: 82 Resp: 418818
 Ion Ratio Lower Upper
 82 100
 128 51.2 36.1 54.1
 54 44.3 41.4 62.2

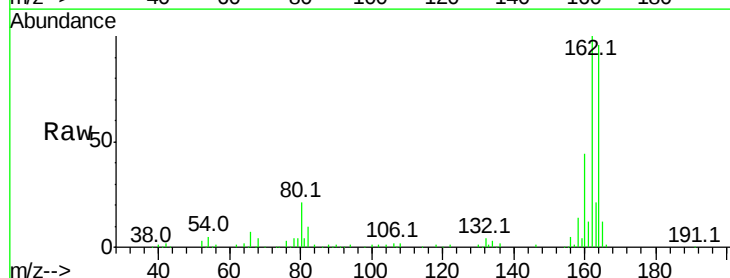


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

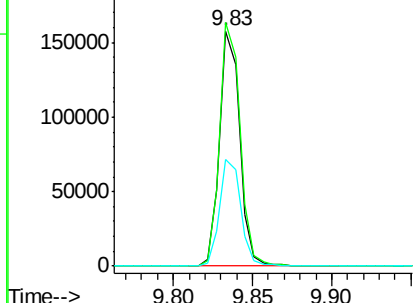
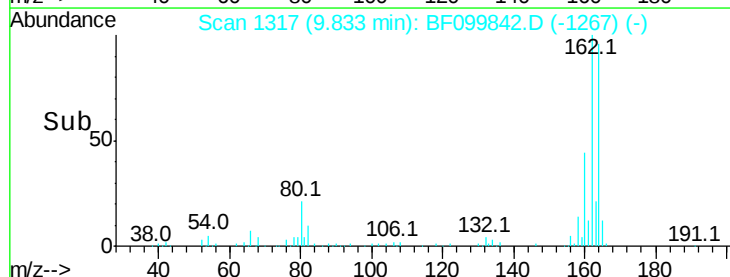


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF099842.D
 Acq: 26 Oct 2017 5:40

Tgt Ion:164 Resp: 139376
 Ion Ratio Lower Upper
 164 100
 162 103.7 86.1 129.1
 160 45.2 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

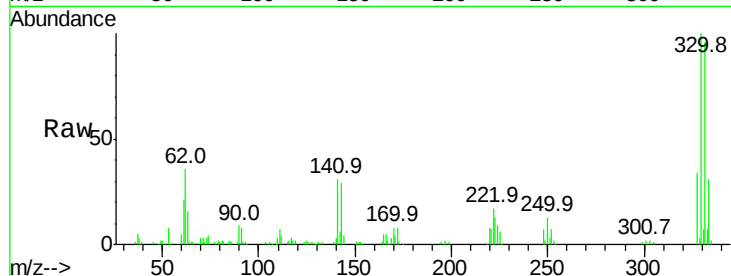




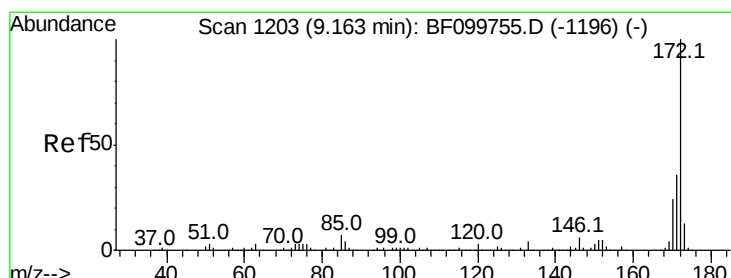
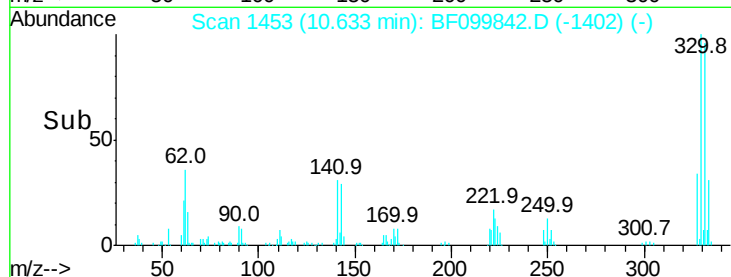
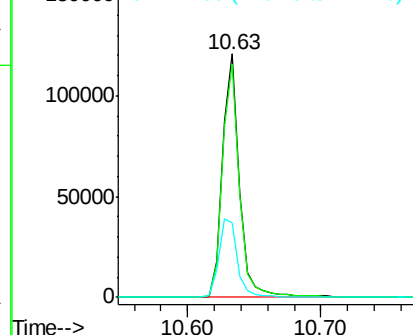
#41
 2,4,6-Tribromophenol
 Concen: 85.545 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.00 min
 Lab File: BF099842.D
 Acq: 26 Oct 2017 5:40

Instrument :
 BNA_F
 ClientSampleId :
 101917-TIDO-F-D-B

Tot Ion	330	332	141	Ratio	Lower	Upper
330	100					
332	96.6			77.0	115.6	
141	35.4			29.9	44.9	

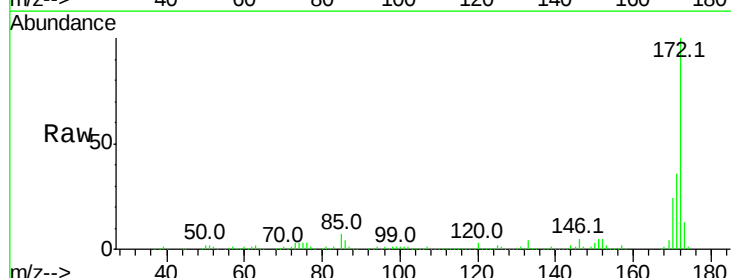


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

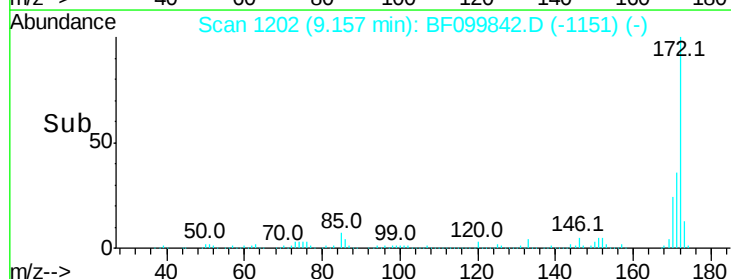
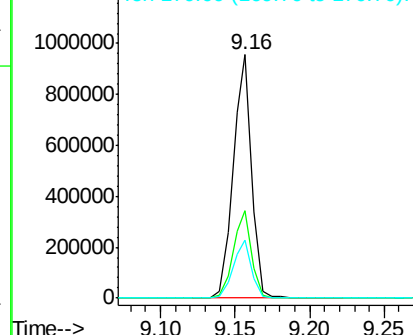


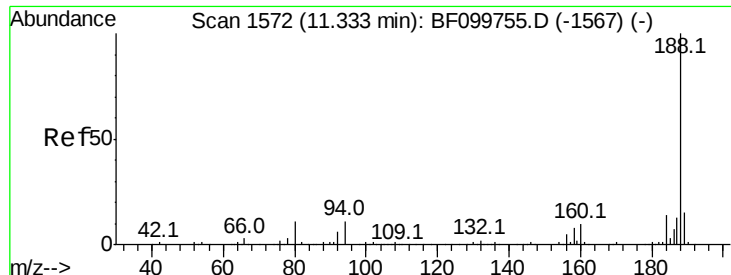
#44
 2-Fluorobiphenyl
 Concen: 92.226 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF099842.D
 Acq: 26 Oct 2017 5:40

Tgt Ion	172	171	170	Ratio	Lower	Upper
172	100					
171	36.0			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

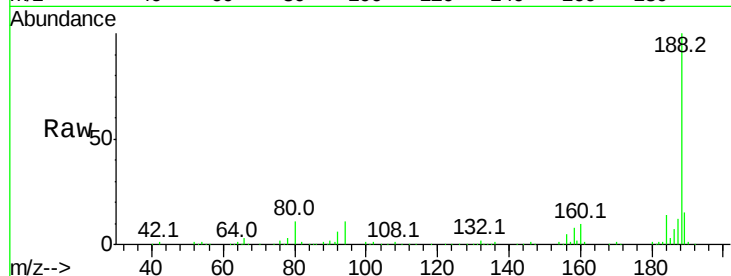




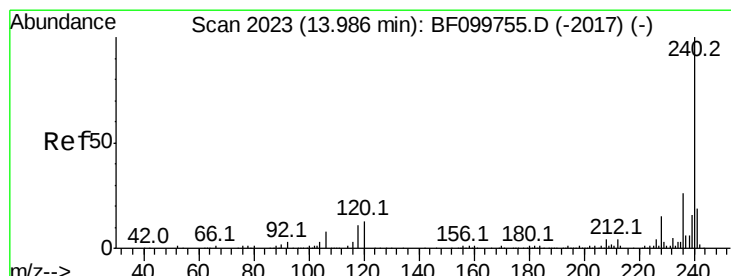
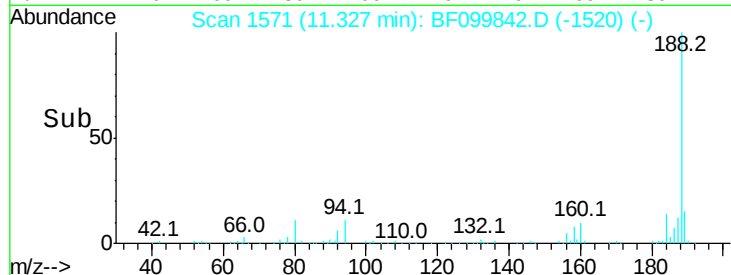
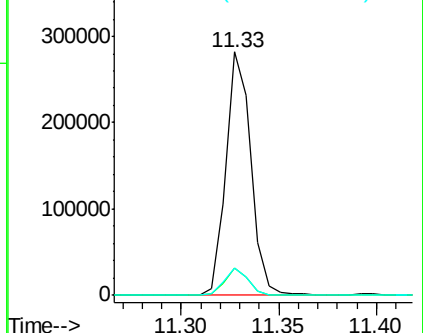
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF099842.D
Acq: 26 Oct 2017 5:40

Instrument :
BNA_F
ClientSampleId :
101917-TIDO-F-D-B

Tot Ion:188 Resp: 249573
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 11.4 9.2 13.8

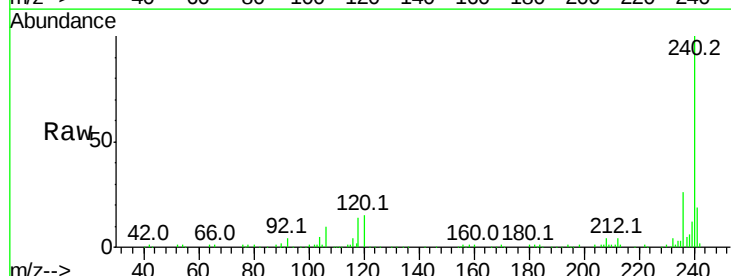


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

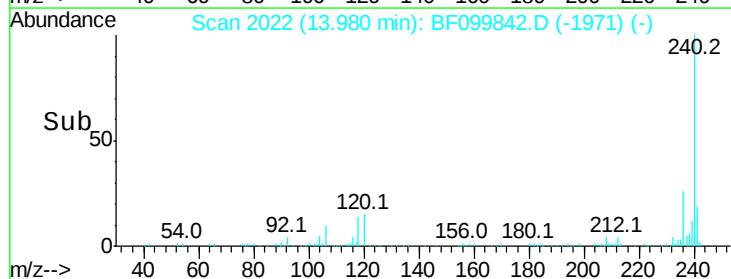
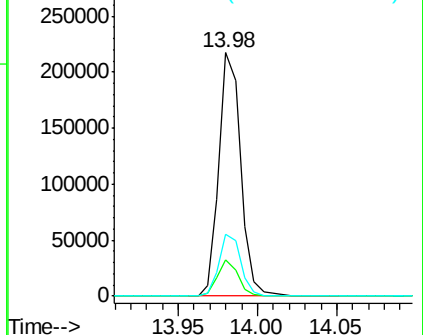


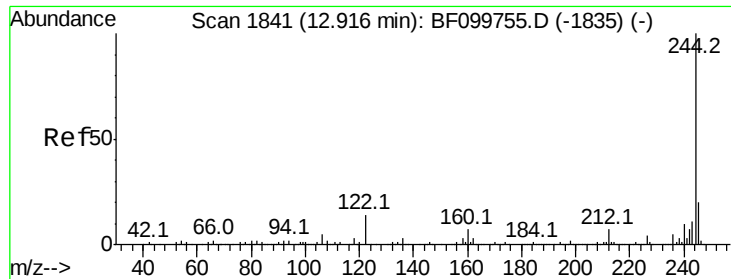
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF099842.D
Acq: 26 Oct 2017 5:40

Tgt Ion:240 Resp: 208731
Ion Ratio Lower Upper
240 100
120 15.1 9.5 14.3#
236 25.7 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: 83.372 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF099842.D

Acq: 26 Oct 2017 5:40

Instrument :

BNA_F

ClientSampleId :

101917-TIDO-F-D-B

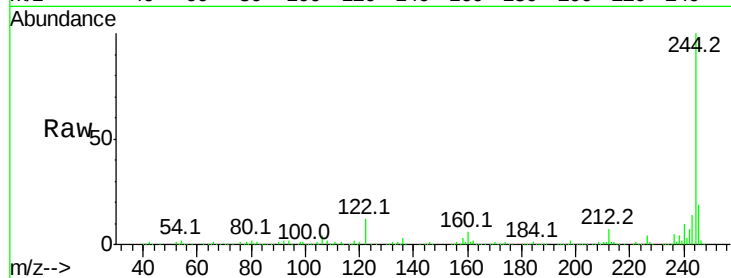
Tot Ion:244 Resp: 796311

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

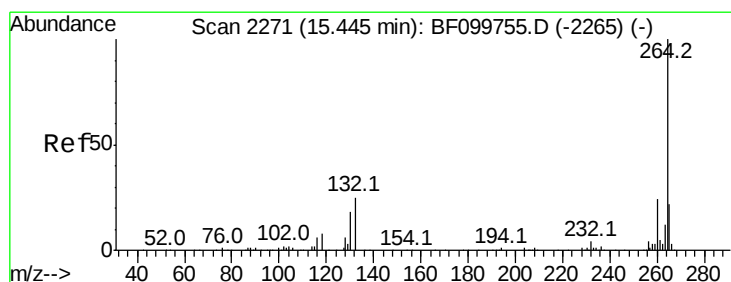
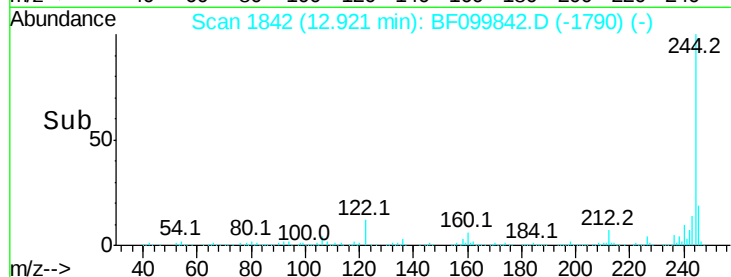
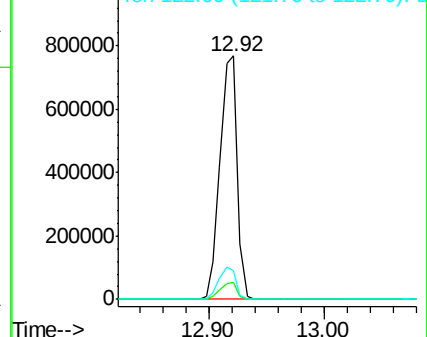
122 11.9 11.0 16.4



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# 2273

Delta R.T. 0.01 min

Lab File: BF099842.D

Acq: 26 Oct 2017 5:40

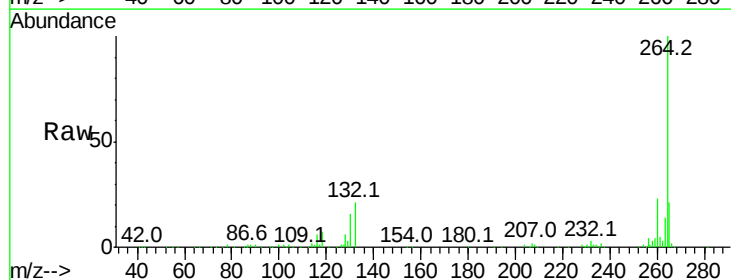
Tgt Ion:264 Resp: 182924

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 20.6 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

