

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
 Data File : BF099426.D
 Acq On : 13 Oct 2017 7:26
 Operator : SJ/JU
 Sample : I5731-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100417-TIDO-F-U-S

Quant Time: Oct 13 08:21:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	100630	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	377894	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	138294	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	218555	20.00	ng	0.00
75) Chrysene-d12	14.02	240	206322	20.00	ng	0.00
86) Perylene-d12	15.49	264	155775	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	287519	45.48	ng	0.00
7) Phenol-d6	6.48	99	208450	26.73	ng	0.00
23) Nitrobenzene-d5	7.42	82	568253	96.43	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	94798	83.77	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	954524	115.23	ng	0.00
78) Terphenyl-d14	12.96	244	740378	81.61	ng	0.00

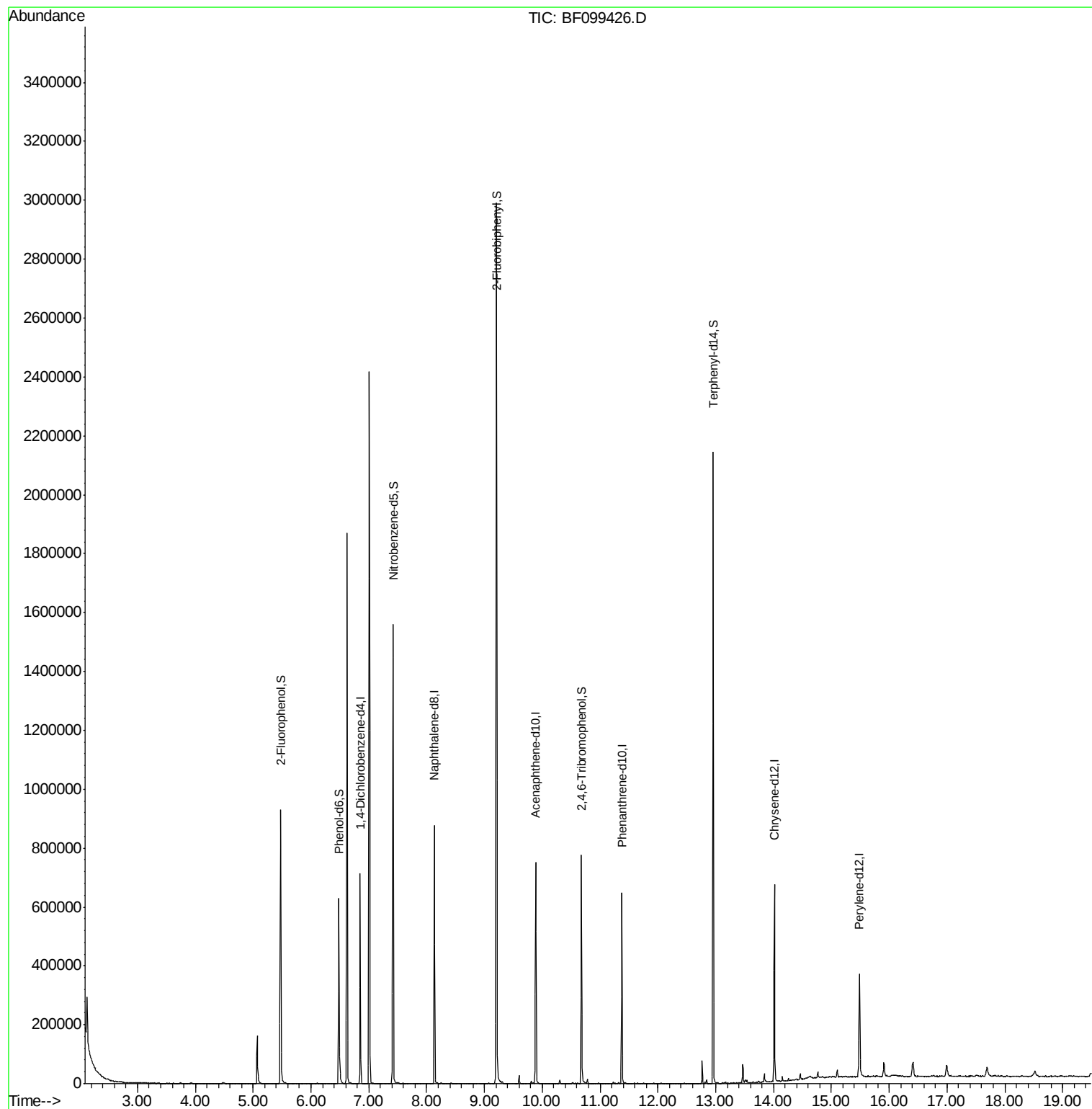
Target Compounds Qvalue

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

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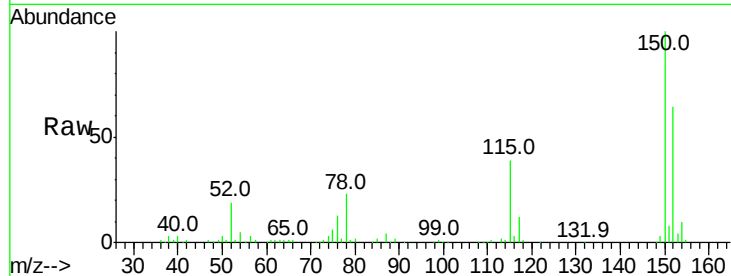


#1

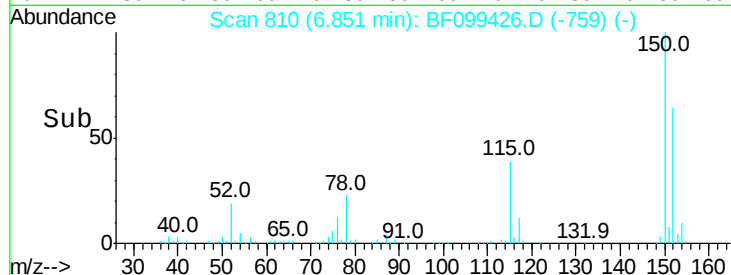
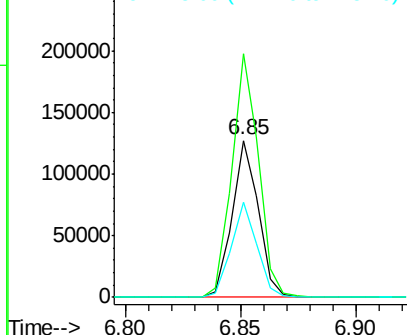
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099426.D
Acq: 13 Oct 2017 7:26

Instrument :
BNA_F
ClientSampleId :
100417-TIDO-F-U-S

Tot Ion:152 Resp: 100630
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 60.6 50.1 75.1



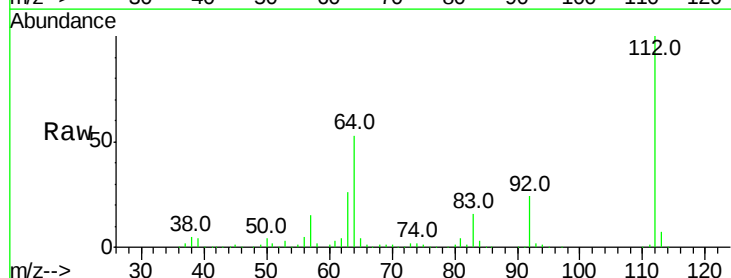
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



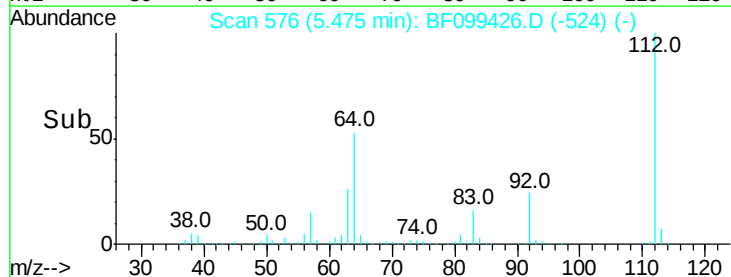
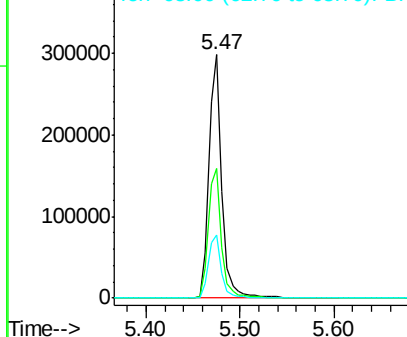
#5

2-Fluorophenol
Concen: 45.484 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF099426.D
Acq: 13 Oct 2017 7:26

Tgt Ion:112 Resp: 287519
Ion Ratio Lower Upper
112 100
64 53.3 47.9 71.9
63 25.8 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: 26.731 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099426.D

Acq: 13 Oct 2017 7:26

Instrument :

BNA_F

ClientSampleId :

100417-TIDO-F-U-S

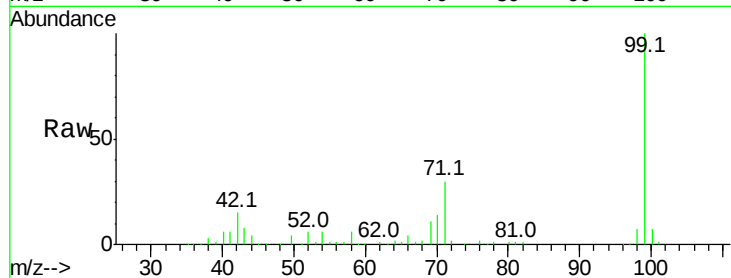
Tot Ion: 99 Resp: 208450

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

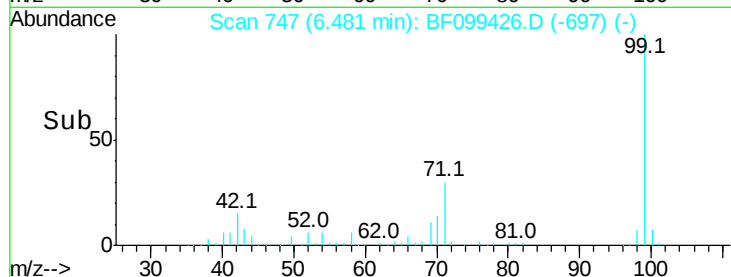
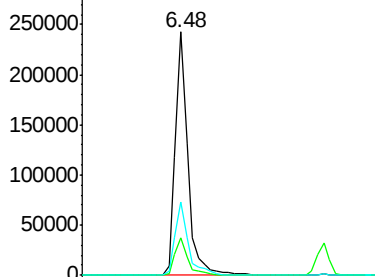
71 30.3 25.4 38.0



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: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF099426.D

Acq: 13 Oct 2017 7:26

Tgt Ion: 136 Resp: 377894

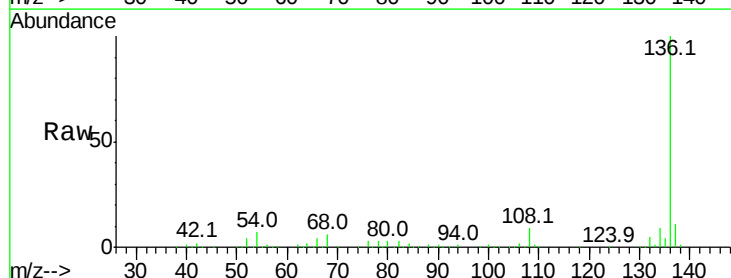
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.3 6.6 9.8

68 5.7 5.0 7.4

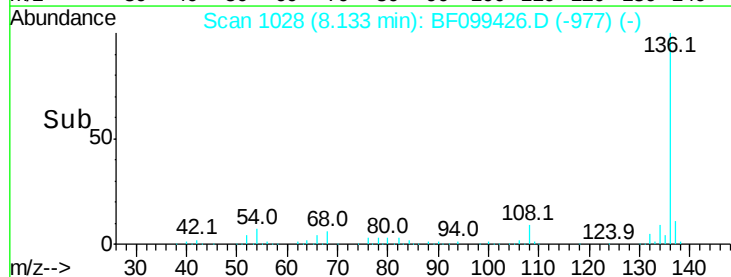
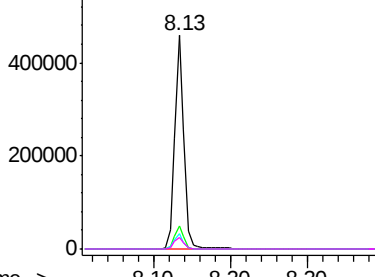


Abundance Ion 136.00 (135.70 to 136.70): E

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

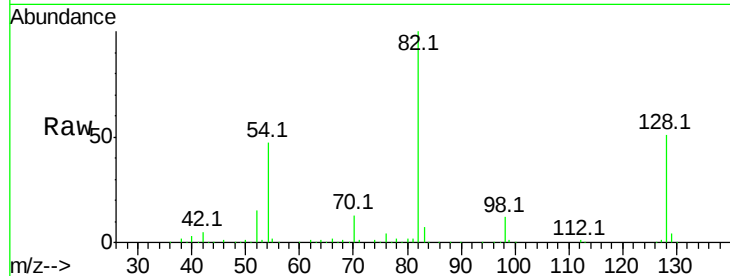




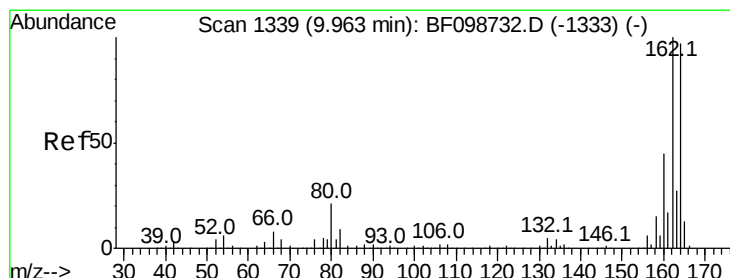
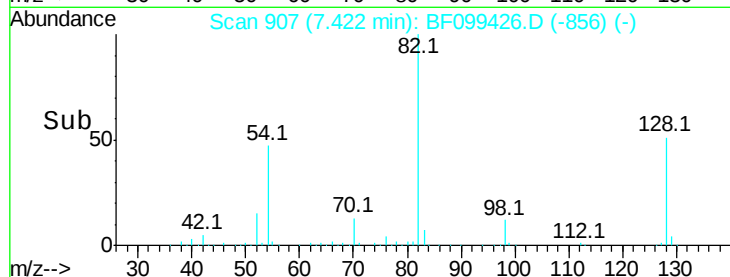
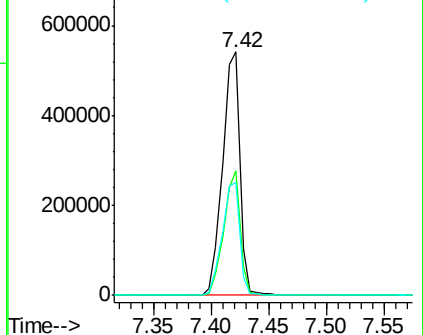
#23
Nitrobenzene-d5
Concen: 96.435 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF099426.D
Acq: 13 Oct 2017 7:26

Instrument :
BNA_F
ClientSampleId :
100417-TIDO-F-U-S

Tot Ion	82	Resp	568253
Ion Ratio	100	Lower	Upper
128	51.4	36.1	54.1
54	46.6	41.4	62.2

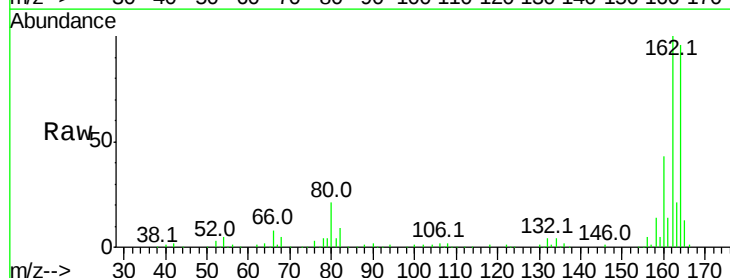


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

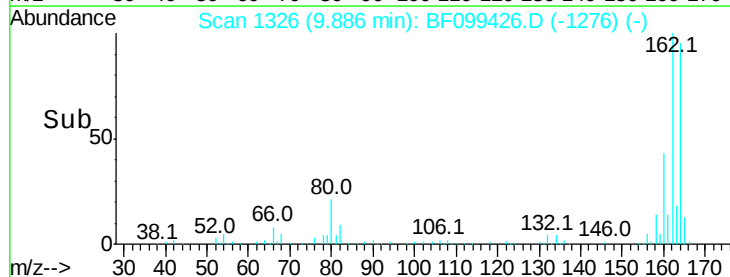
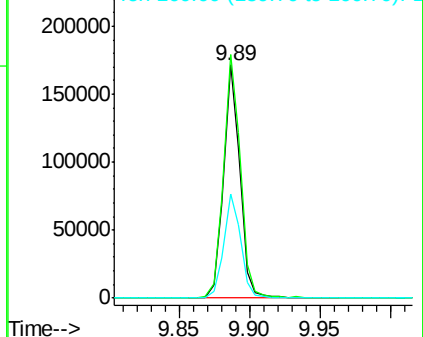


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099426.D
Acq: 13 Oct 2017 7:26

Tgt Ion	164	Resp	138294
Ion Ratio	100	Lower	Upper
162	104.5	86.1	129.1
160	44.6	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

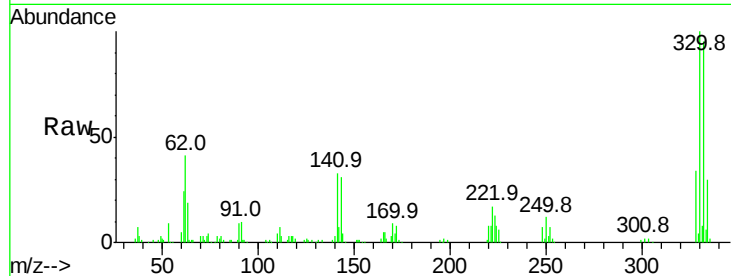




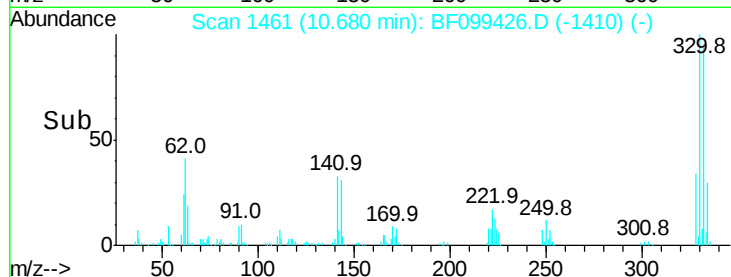
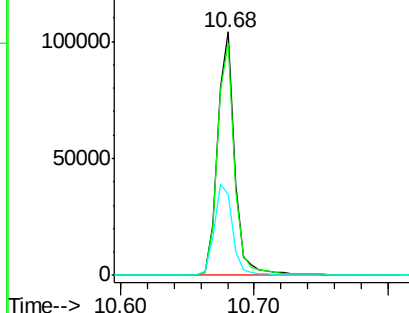
#41
 2,4,6-Tribromophenol
 Concen: 83.772 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BF099426.D
 Acq: 13 Oct 2017 7:26

Instrument :
 BNA_F
 ClientSampleId :
 100417-TIDO-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	40.3	29.9	44.9

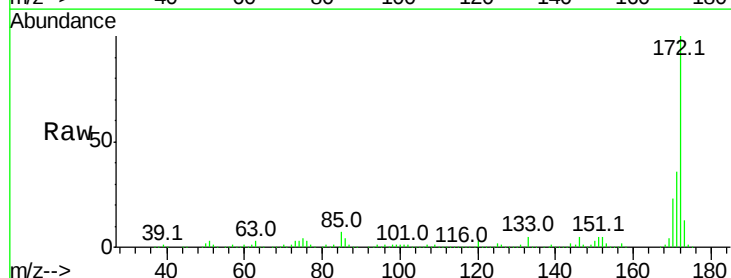


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

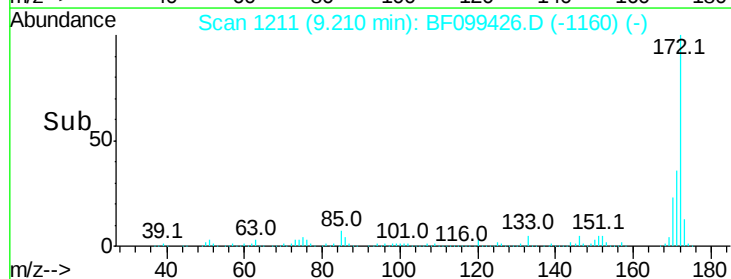
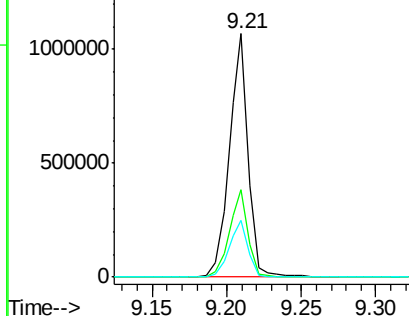


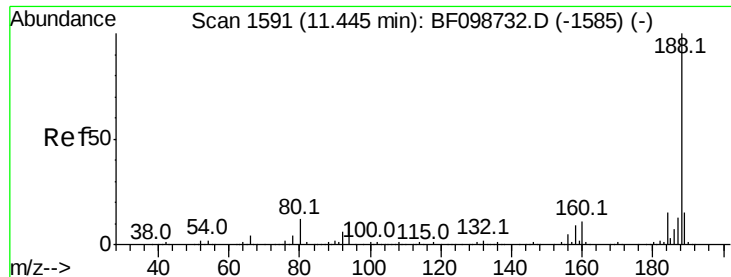
#44
 2-Fluorobiphenyl
 Concen: 115.225 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099426.D
 Acq: 13 Oct 2017 7:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.4	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

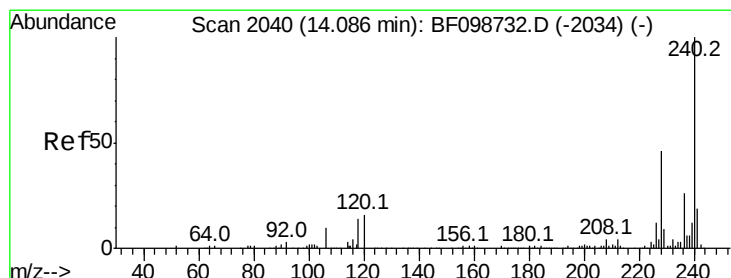
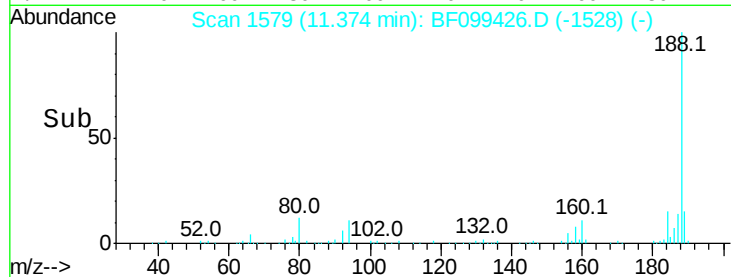
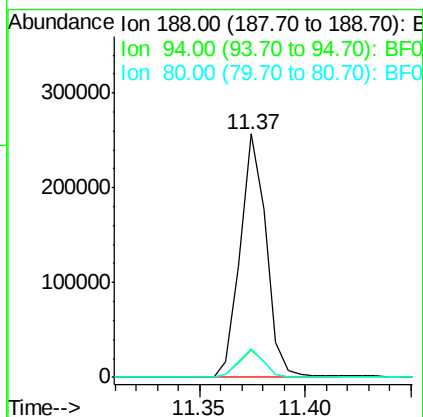
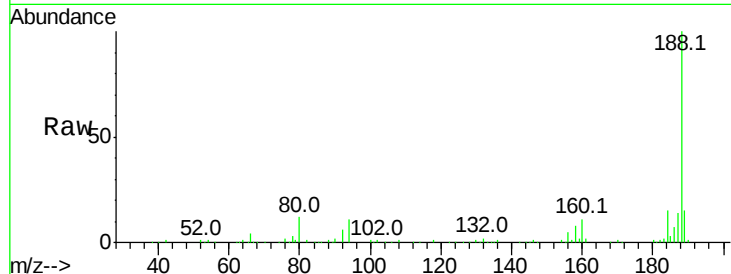




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF099426.D
Acq: 13 Oct 2017 7:26

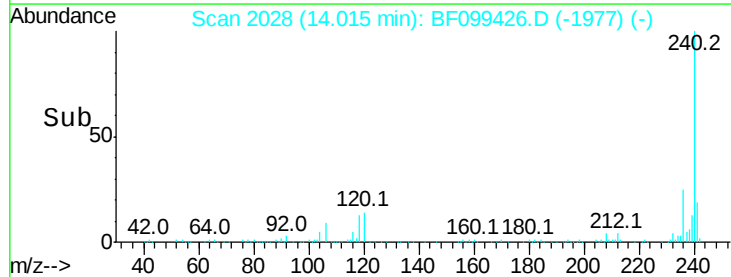
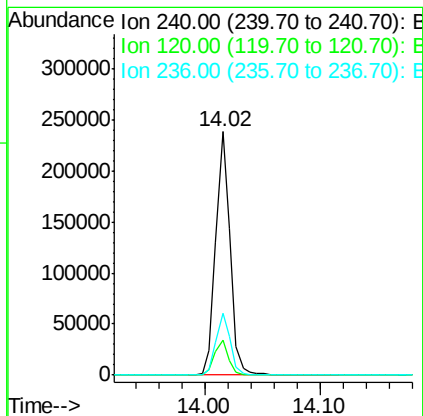
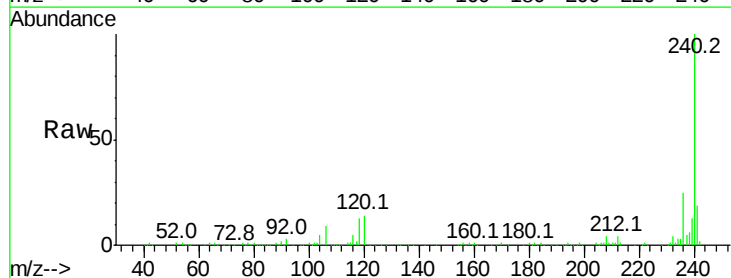
Instrument :
BNA_F
ClientSampleId :
100417-TIDO-F-U-S

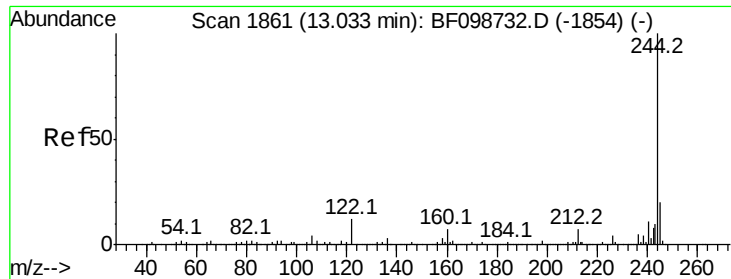
Tot Ion:188 Resp: 218555
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 12.0 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF099426.D
Acq: 13 Oct 2017 7:26

Tgt Ion:240 Resp: 206322
Ion Ratio Lower Upper
240 100
120 14.3 9.5 14.3#
236 25.4 20.7 31.1





#78

Terphenyl-d14

Concen: 81.609 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF099426.D

Acq: 13 Oct 2017 7:26

Instrument :

BNA_F

ClientSampleId :

100417-TIDO-F-U-S

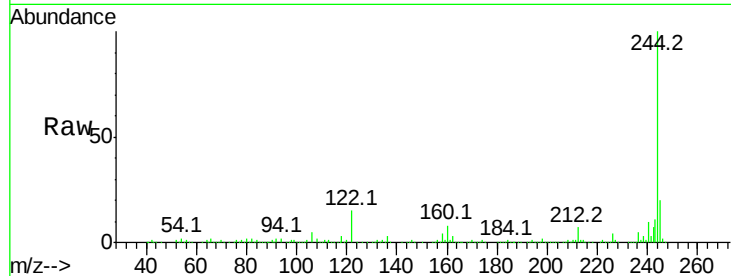
Tot Ion:244 Resp: 740378

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

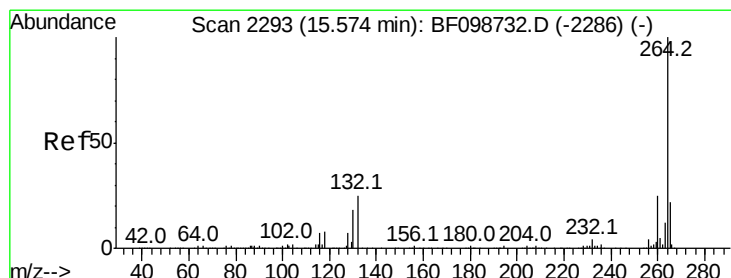
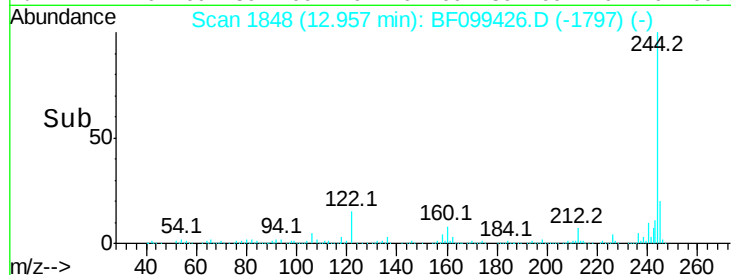
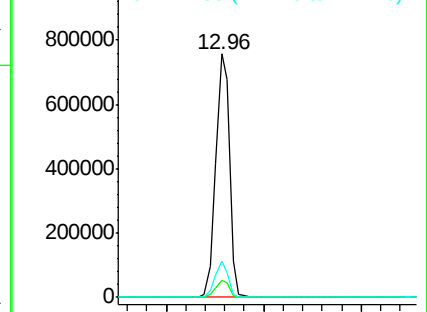
122 14.7 11.0 16.4



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: 15.49 min Scan# 2279

Delta R.T. 0.01 min

Lab File: BF099426.D

Acq: 13 Oct 2017 7:26

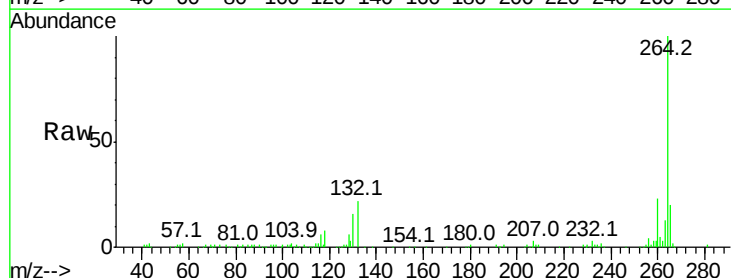
Tgt Ion:264 Resp: 155775

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 20.1 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

