

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100108.D
 Acq On : 3 Nov 2017 2:45
 Operator : SJ/JU
 Sample : I6274-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110117-TIDO-F-D-B

Quant Time: Nov 03 04:35:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	78202	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	315896	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	140743	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	214004	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	132529	20.00	ng	-0.02
86) Perylene-d12	15.41	264	132865	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	204130	40.98	ng	0.00
7) Phenol-d6	6.42	99	153913	26.06	ng	0.00
23) Nitrobenzene-d5	7.34	82	455634	92.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	109513	85.38	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	885435	97.06	ng	0.00
78) Terphenyl-d14	12.88	244	625438	103.13	ng	-0.02

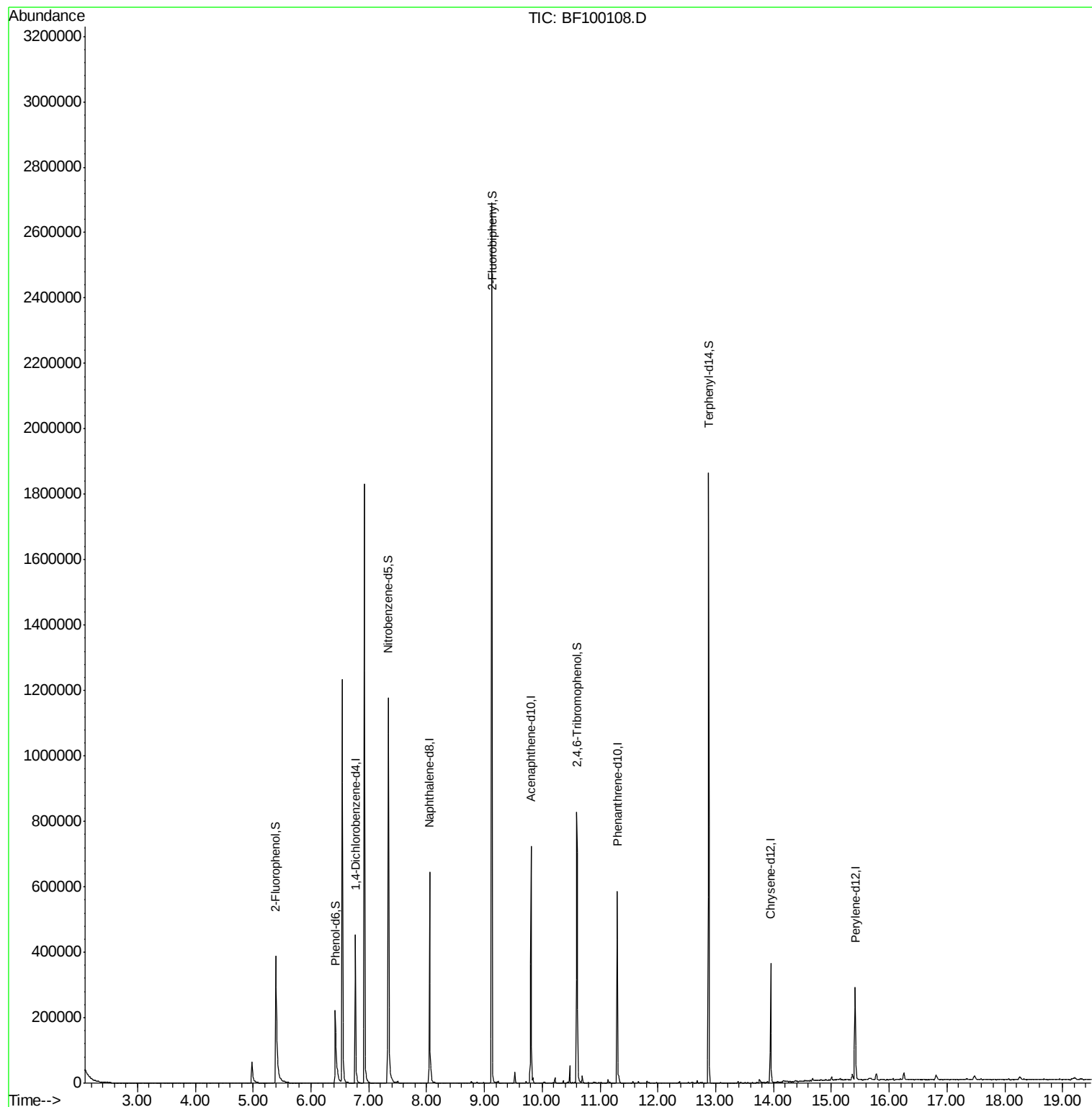
Target Compounds Qvalue

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

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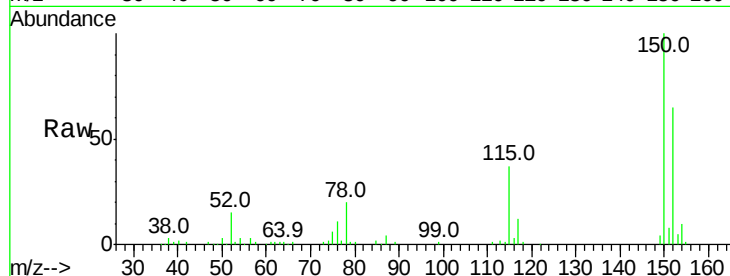


#1

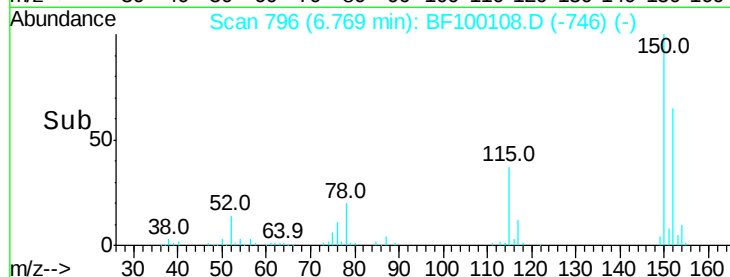
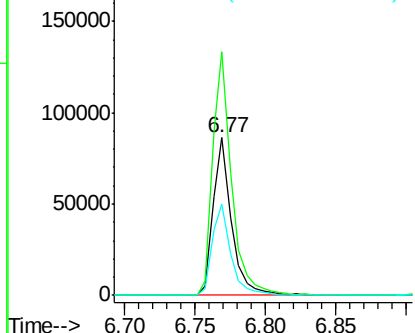
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF100108.D
 Acq: 3 Nov 2017 2:45

Instrument :
 BNA_F
 ClientSampleId :
 110117-TIDO-F-D-B

Tot Ion:152 Resp: 78202
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.6 186.8
 115 58.0 50.1 75.1



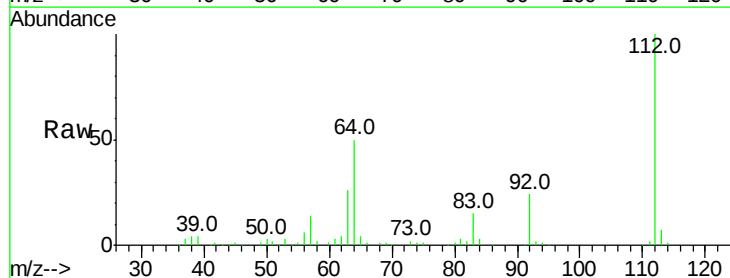
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



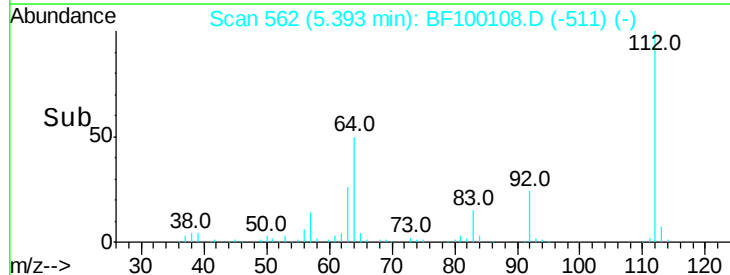
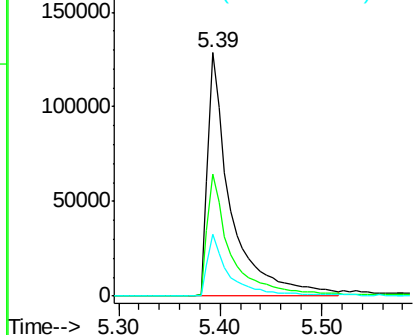
#5

2-Fluorophenol
 Concen: 40.981 ng
 RT: 5.39 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BF100108.D
 Acq: 3 Nov 2017 2:45

Tgt Ion:112 Resp: 204130
 Ion Ratio Lower Upper
 112 100
 64 50.1 47.9 71.9
 63 25.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 26.059 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100108.D

Acq: 3 Nov 2017 2:45

Instrument :

BNA_F

ClientSampleId :

110117-TIDO-F-D-B

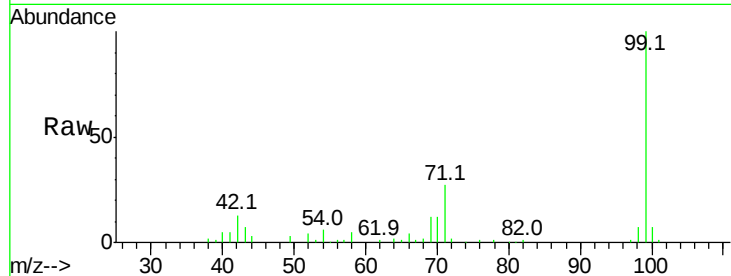
Tot Ion: 99 Resp: 153913

Ion Ratio Lower Upper

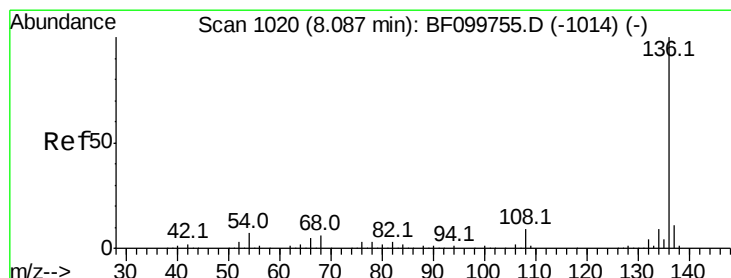
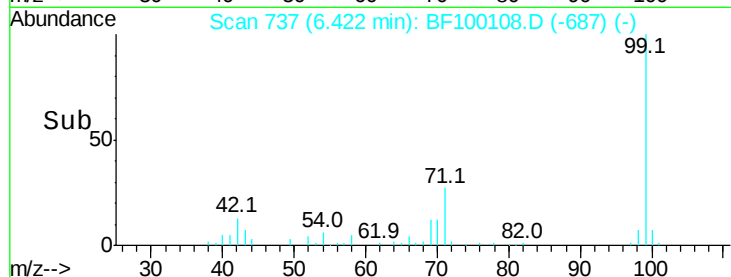
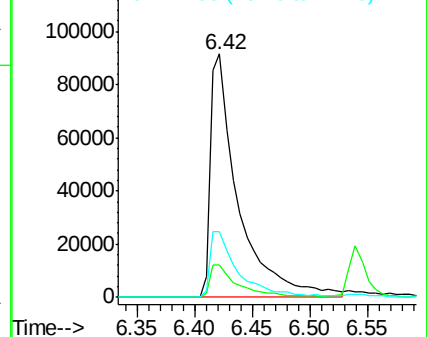
99 100

42 13.5 14.5 21.7#

71 27.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF100108.D

Acq: 3 Nov 2017 2:45

Tgt Ion: 136 Resp: 315896

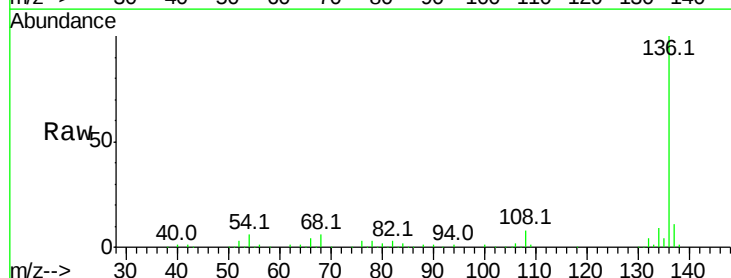
Ion Ratio Lower Upper

136 100

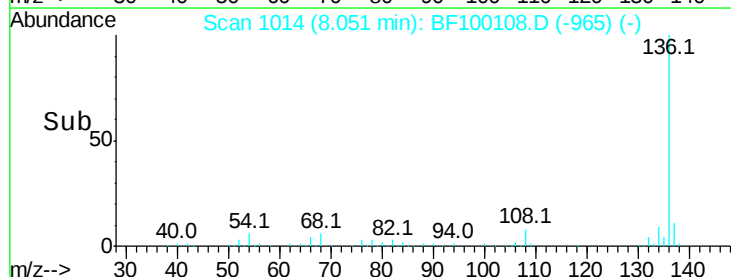
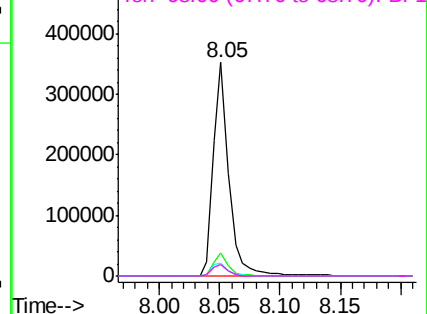
137 10.9 8.9 13.3

54 5.8 6.6 9.8#

68 5.5 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): BF1
Ion 68.00 (67.70 to 68.70): BF1

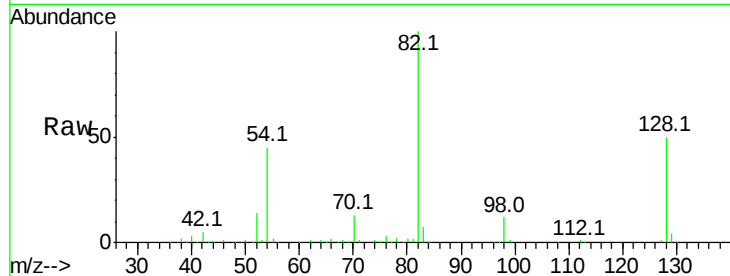




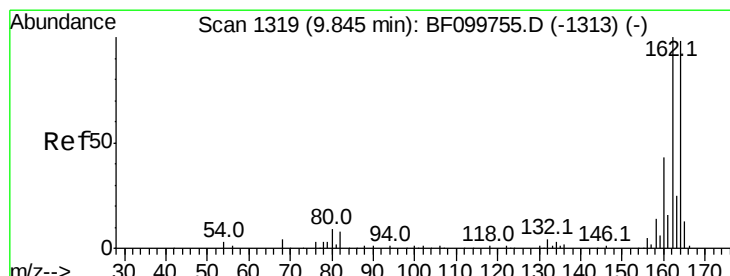
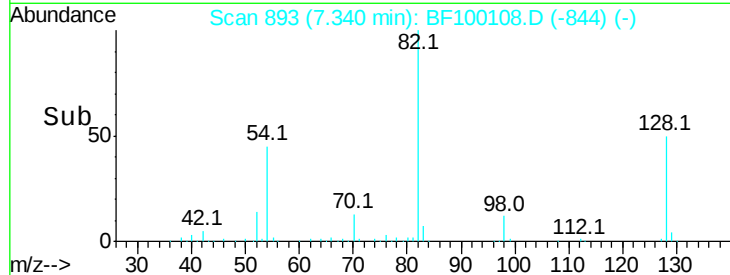
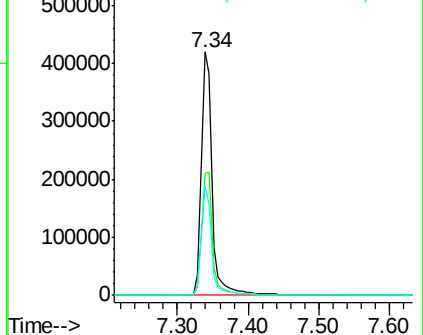
#23
Nitrobenzene-d5
Concen: 92.859 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100108.D
Acq: 3 Nov 2017 2:45

Instrument :
BNA_F
ClientSampleId :
110117-TIDO-F-D-B

Tot Ion: 82 Resp: 455634
Ion Ratio Lower Upper
82 100
128 50.2 36.1 54.1
54 44.6 41.4 62.2

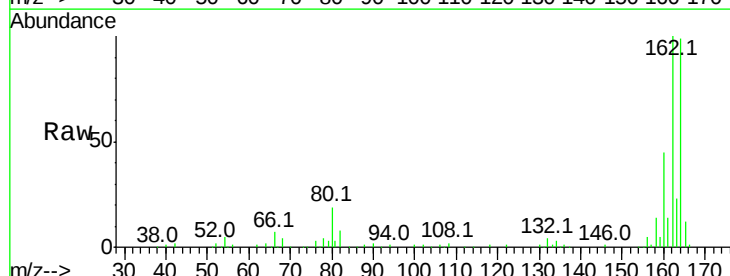


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

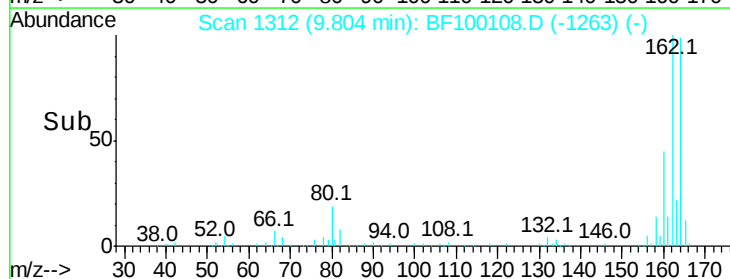
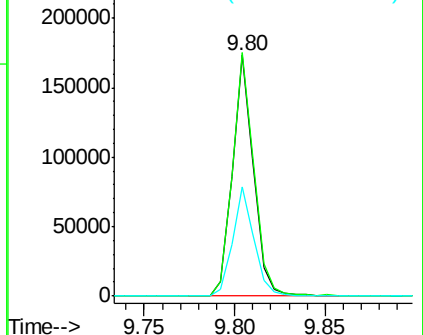


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF100108.D
Acq: 3 Nov 2017 2:45

Tgt Ion: 164 Resp: 140743
Ion Ratio Lower Upper
164 100
162 101.2 86.1 129.1
160 45.4 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

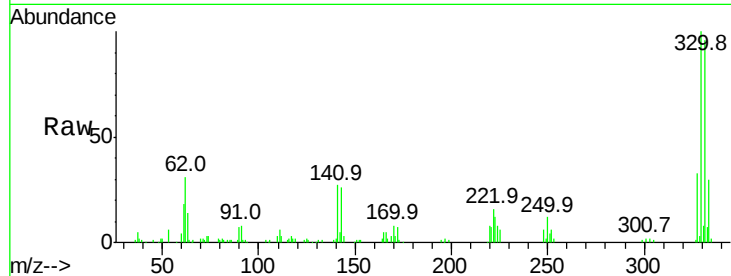




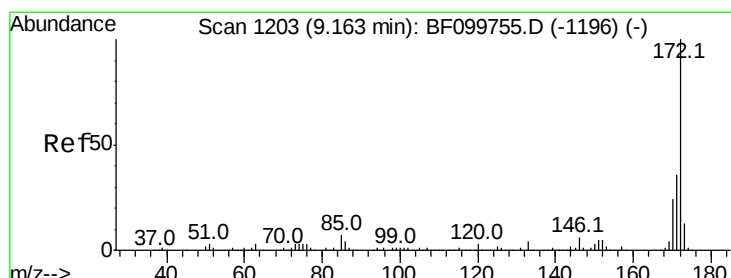
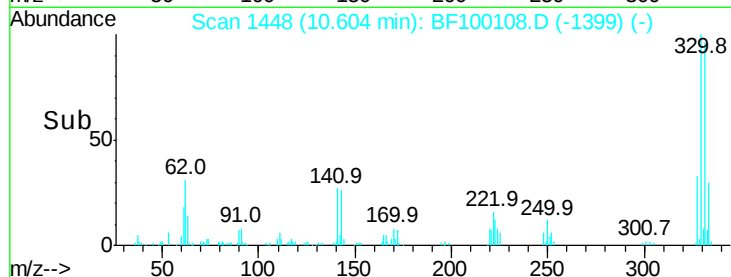
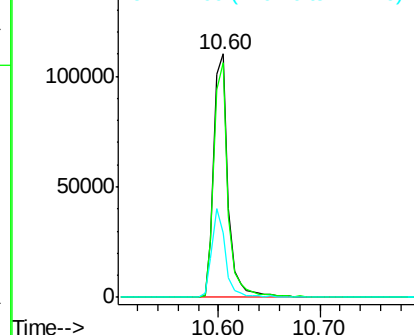
#41
 2,4,6-Tribromophenol
 Concen: 85.383 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100108.D
 Acq: 3 Nov 2017 2:45

Instrument :
 BNA_F
 ClientSampleId :
 110117-TIDO-F-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	34.1	29.9	44.9

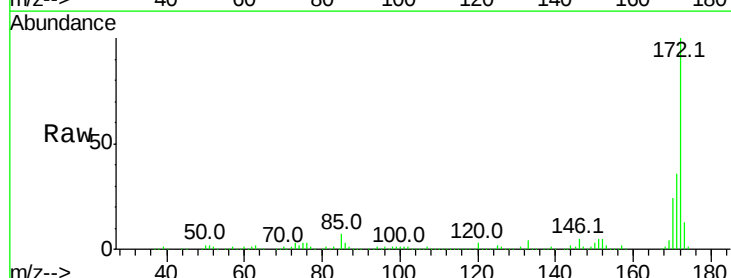


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

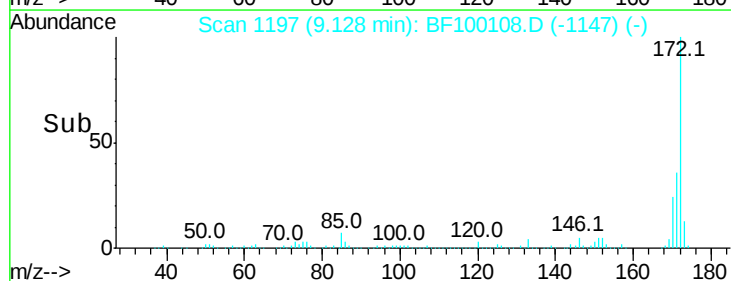
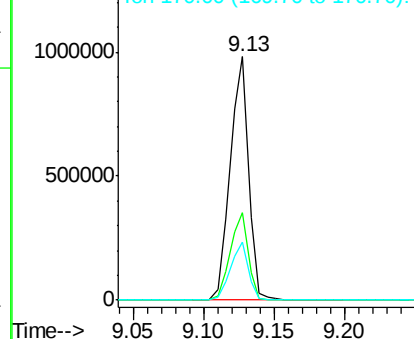


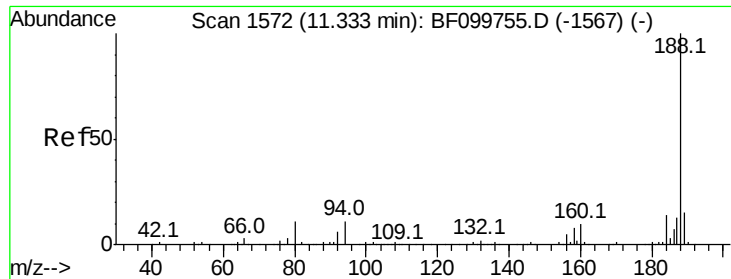
#44
 2-Fluorobiphenyl
 Concen: 97.062 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF100108.D
 Acq: 3 Nov 2017 2:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.7	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: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF100108.D

Acq: 3 Nov 2017 2:45

Instrument :

BNA_F

ClientSampleId :

110117-TIDO-F-D-B

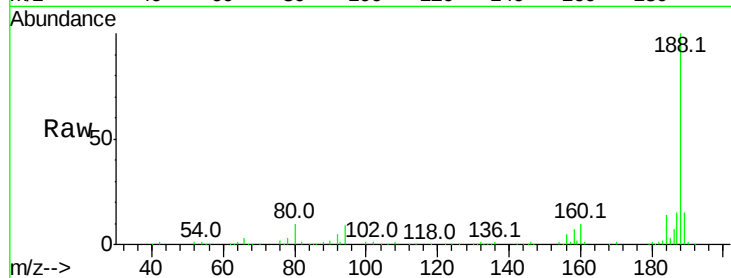
Tot Ion:188 Resp: 214004

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

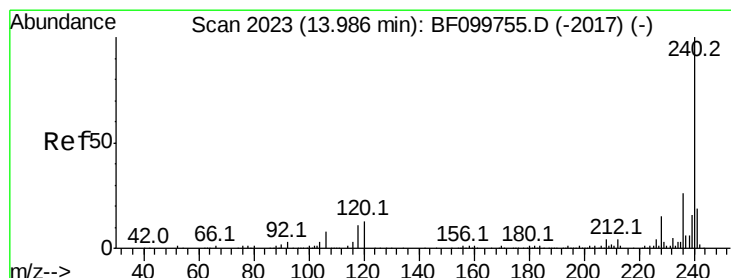
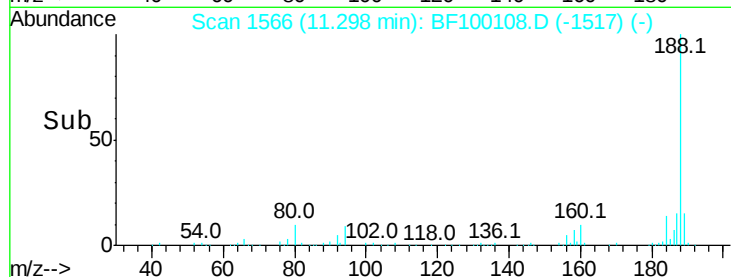
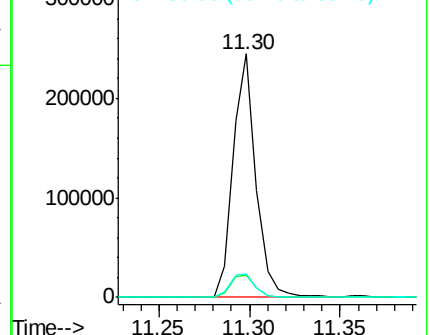
80 9.9 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.02 min

Lab File: BF100108.D

Acq: 3 Nov 2017 2:45

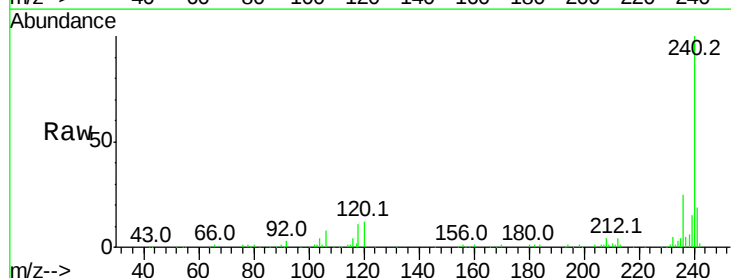
Tgt Ion:240 Resp: 132529

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

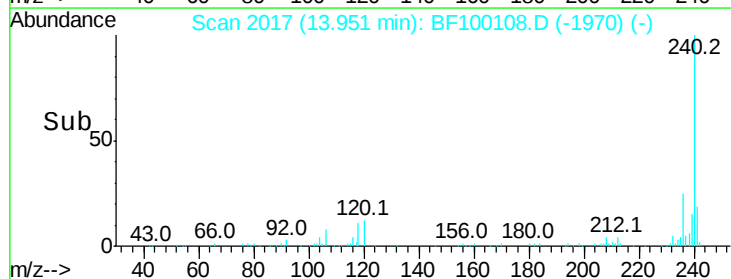
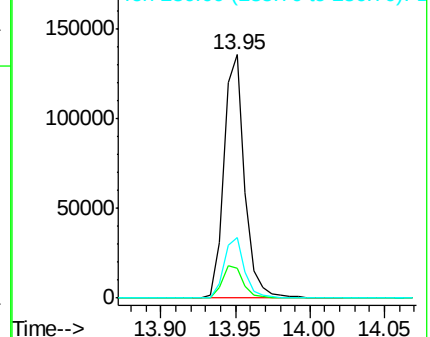
236 25.1 20.7 31.1

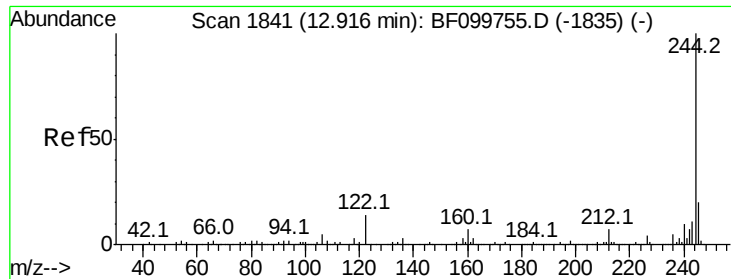


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 103.133 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BF100108.D

Acq: 3 Nov 2017 2:45

Instrument :

BNA_F

ClientSampleId :

110117-TIDO-F-D-B

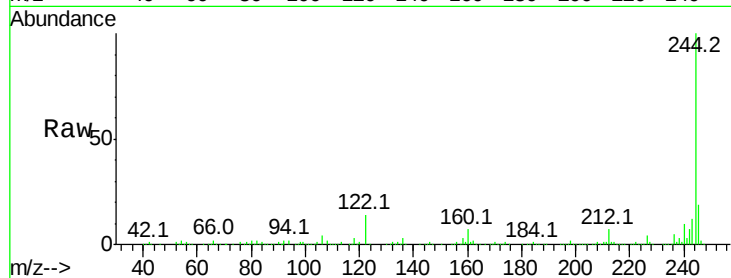
Tot Ion:244 Resp: 625438

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

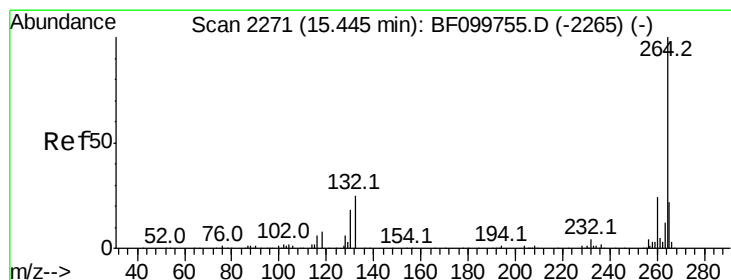
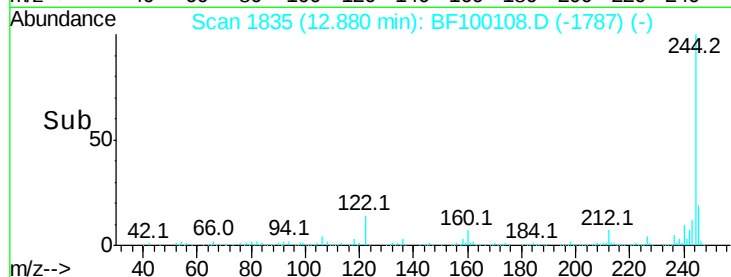
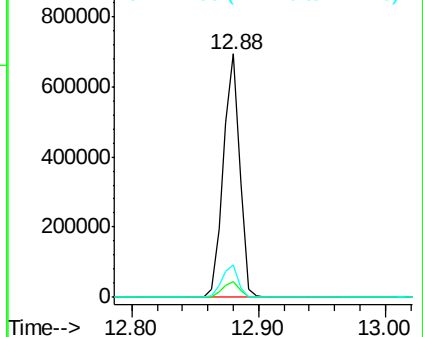
122 13.5 11.0 16.4



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: 15.41 min Scan# 2265

Delta R.T. -0.05 min

Lab File: BF100108.D

Acq: 3 Nov 2017 2:45

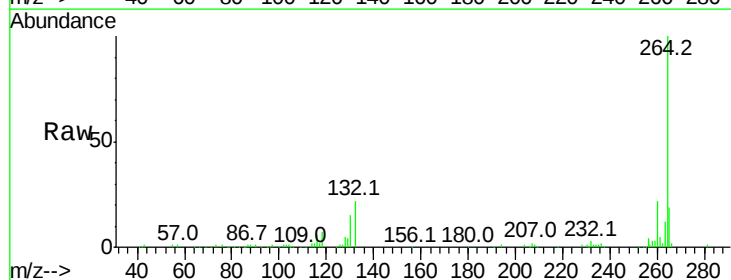
Tgt Ion:264 Resp: 132865

Ion Ratio Lower Upper

264 100

260 22.2 19.2 28.8

265 18.7 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

