

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121917\
 Data File : BF101550.D
 Acq On : 20 Dec 2017 4:57
 Operator : SJ/JU
 Sample : I6956-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121417--DBRI-E-U-M

Quant Time: Dec 20 07:44:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	155472	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	626109	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	259656	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	420428	20.00	ng	0.00
75) Chrysene-d12	13.99	240	311003	20.00	ng	0.00
86) Perylene-d12	15.46	264	339755	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	358264	34.33	ng	0.00
7) Phenol-d6	6.45	99	273932	21.09	ng	0.00
23) Nitrobenzene-d5	7.37	82	868391	77.21	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	169690	67.82	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1367645	81.71	ng	0.00
78) Terphenyl-d14	12.92	244	954783	74.01	ng	0.00

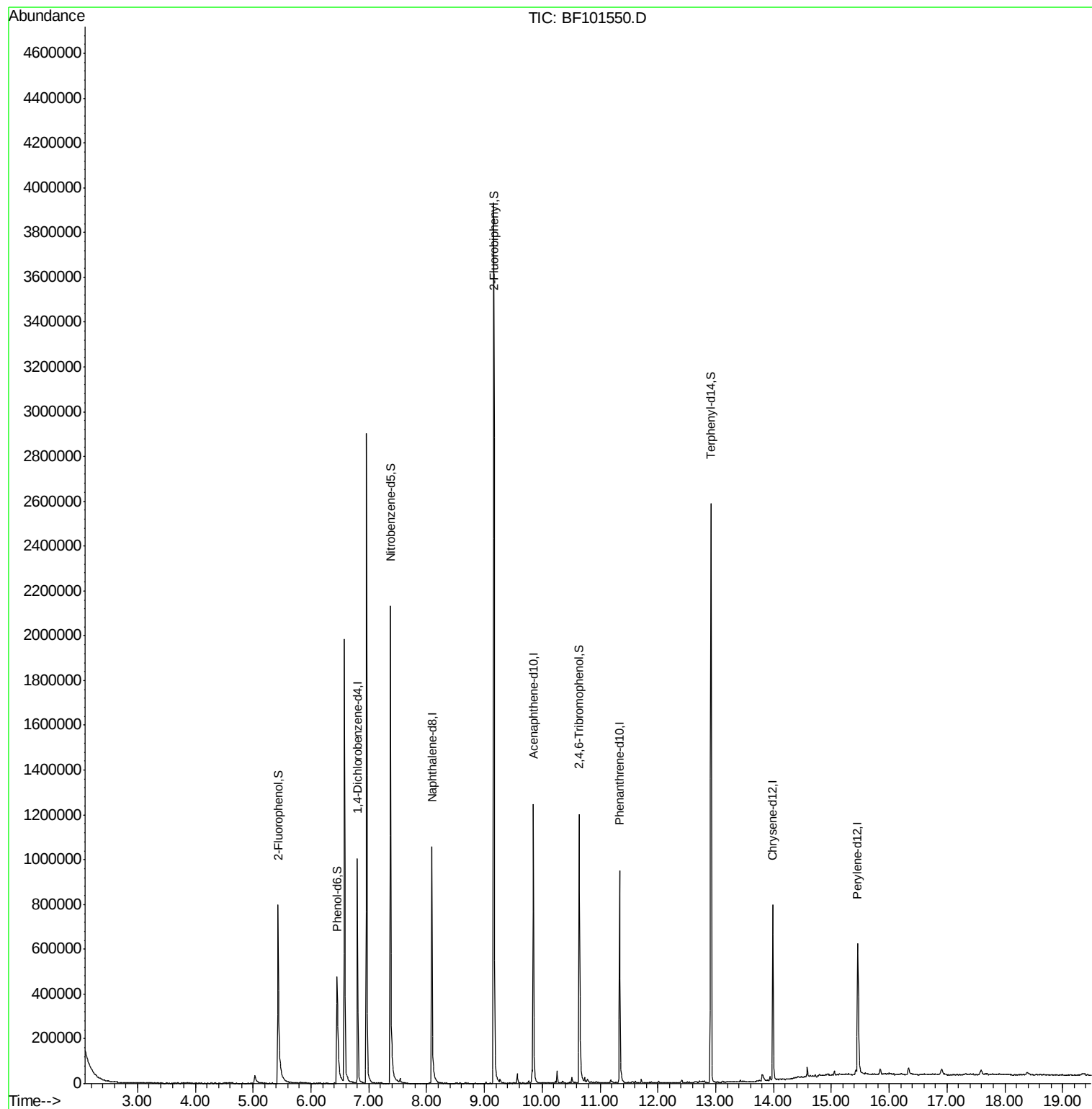
Target Compounds Qvalue

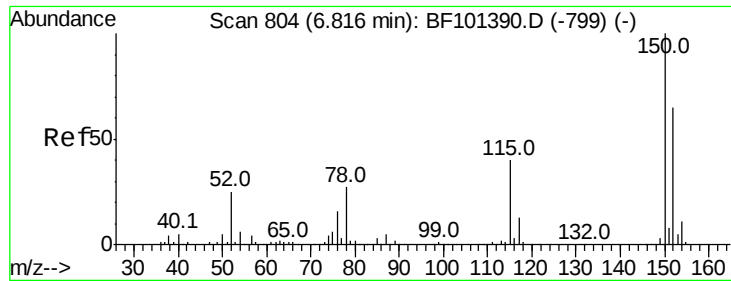
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101550.D
Acq On : 20 Dec 2017 4:57
Operator : SJ/JU
Sample : I6956-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
121417--DBRI-E-U-M

Quant Time: Dec 20 07:44:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 18 15:38:59 2017
Response via : Initial Calibration



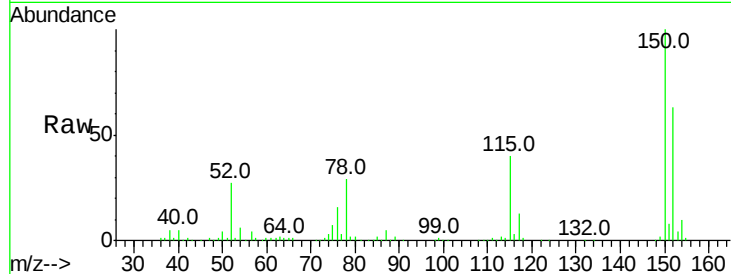


#1

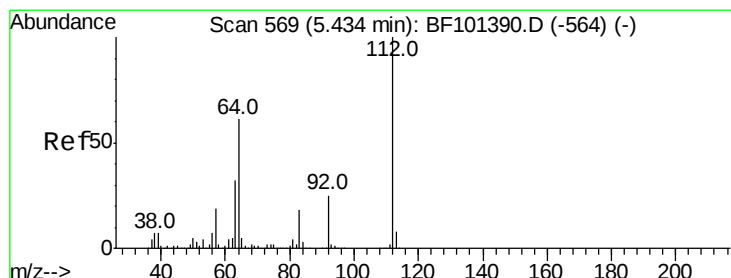
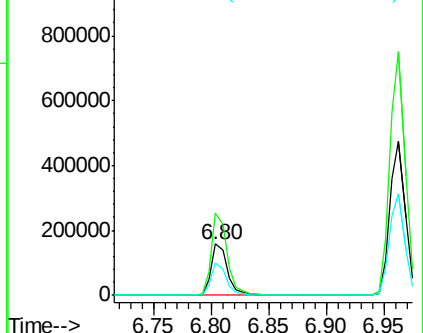
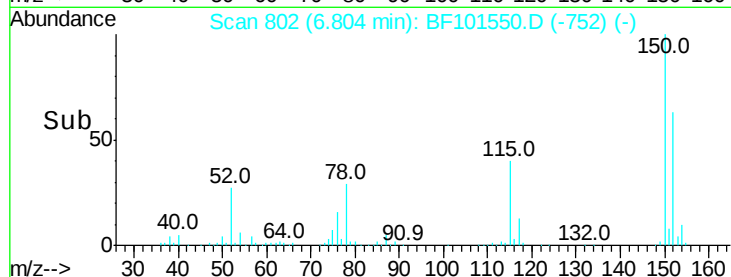
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF101550.D
Acq: 20 Dec 2017 4:57

Instrument :
BNA_F
ClientSampleId :
121417--DBRI-E-U-M

Tot Ion:152 Resp: 155472
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 63.6 50.1 75.1



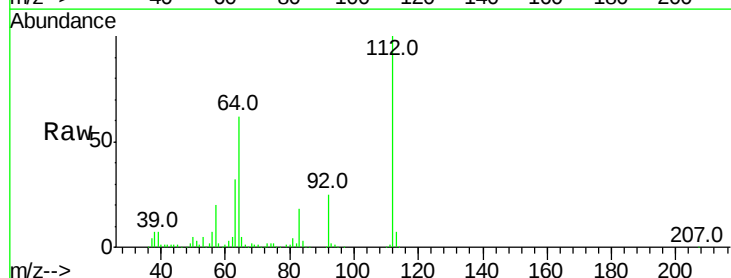
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



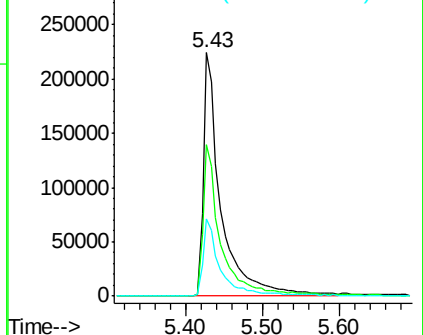
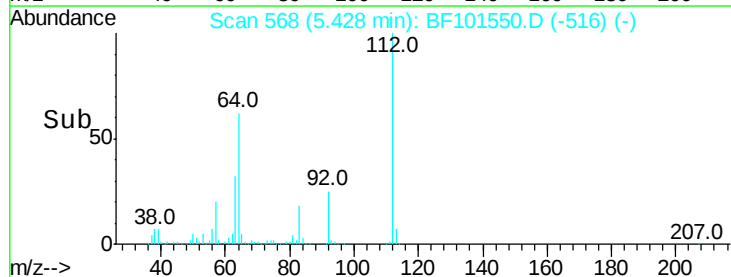
#5

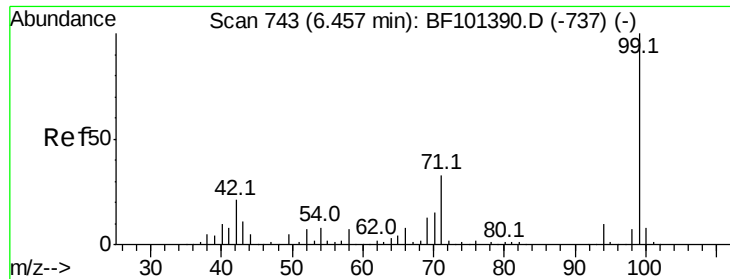
2-Fluorophenol
Concen: 34.325 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF101550.D
Acq: 20 Dec 2017 4:57

Tgt Ion:112 Resp: 358264
Ion Ratio Lower Upper
112 100
64 62.1 47.9 71.9
63 31.9 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: 21.089 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF101550.D

Acq: 20 Dec 2017 4:57

Instrument :

BNA_F

ClientSampleId :

121417--DBRI-E-U-M

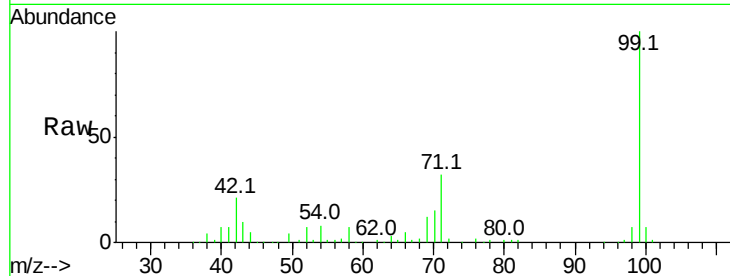
Tot Ion: 99 Resp: 273932

Ion Ratio Lower Upper

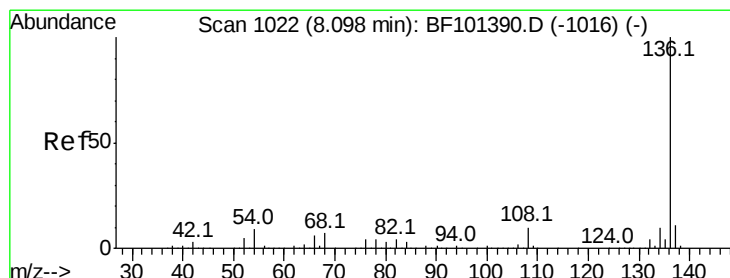
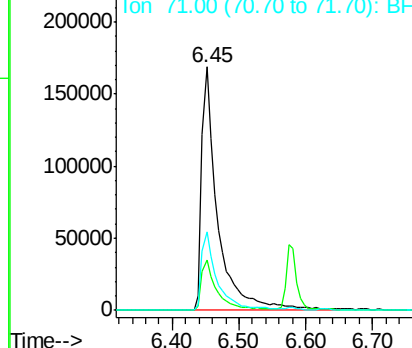
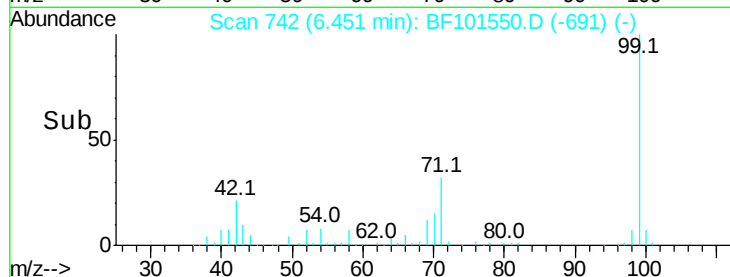
99 100

42 20.9 14.5 21.7

71 32.3 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: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF101550.D

Acq: 20 Dec 2017 4:57

Tgt Ion: 136 Resp: 626109

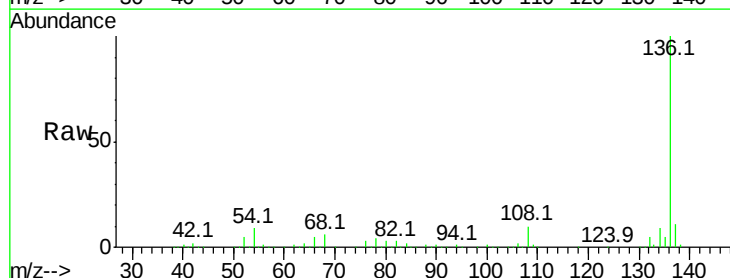
Ion Ratio Lower Upper

136 100

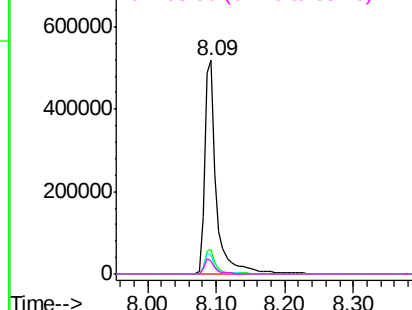
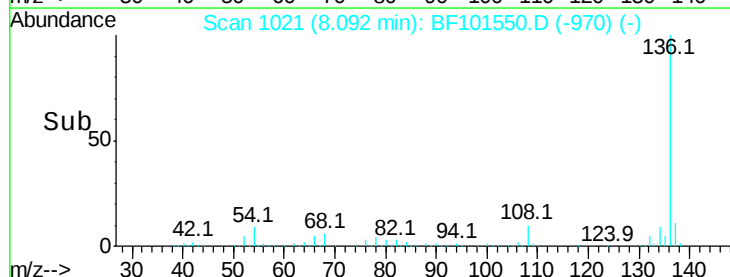
137 11.3 8.9 13.3

54 8.8 6.6 9.8

68 6.2 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

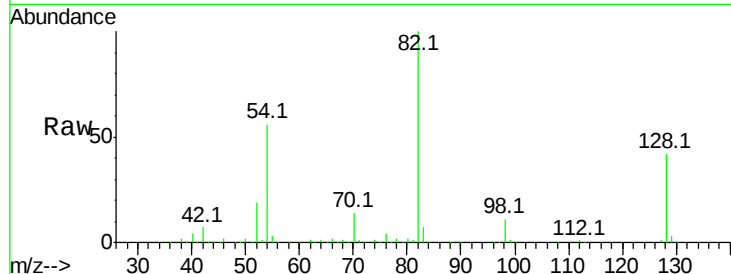




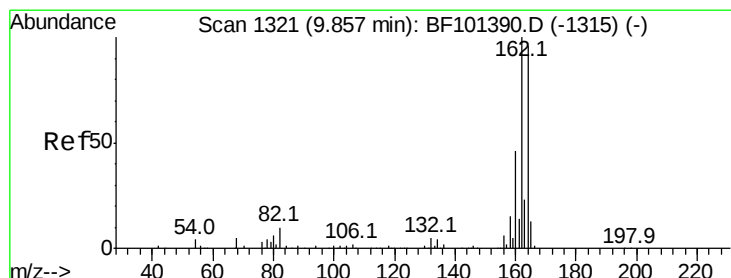
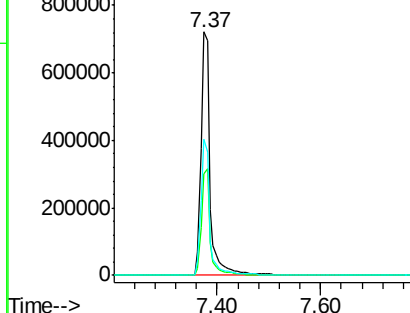
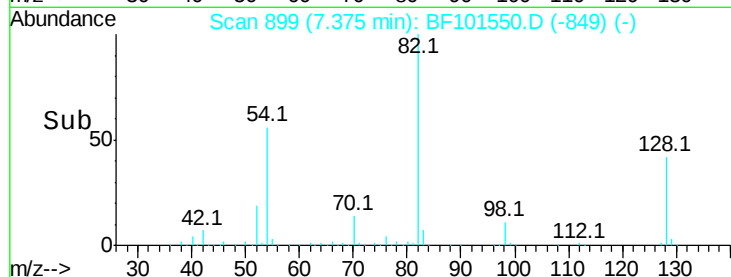
#23
 Nitrobenzene-d5
 Concen: 77.206 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF101550.D
 Acq: 20 Dec 2017 4:57

Instrument :
 BNA_F
 ClientSampleId :
 121417--DBRI-E-U-M

Tot Ion: 82 Resp: 868391
 Ion Ratio Lower Upper
 82 100
 128 41.5 36.1 54.1
 54 56.0 41.4 62.2

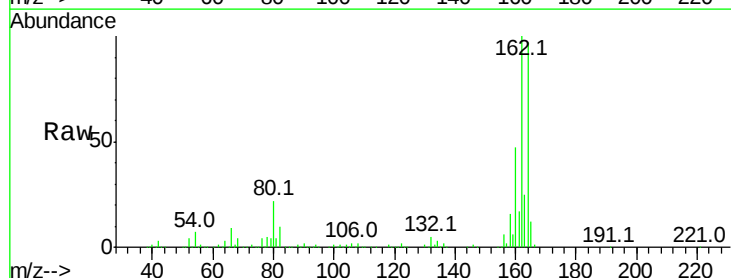


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

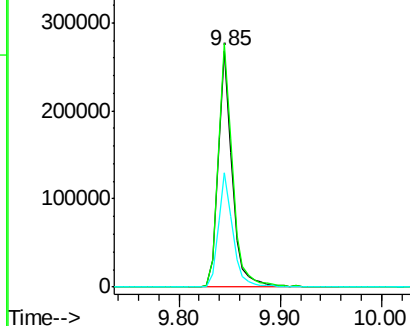
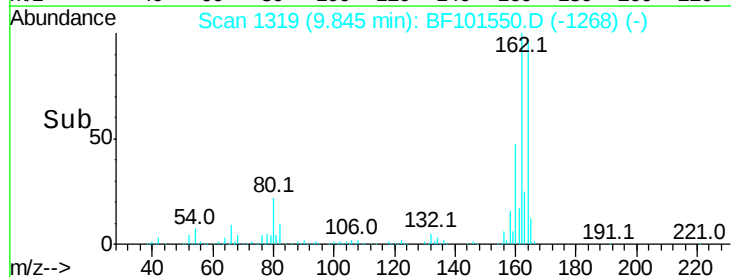


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF101550.D
 Acq: 20 Dec 2017 4:57

Tgt Ion: 164 Resp: 259656
 Ion Ratio Lower Upper
 164 100
 162 103.2 86.1 129.1
 160 48.6 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

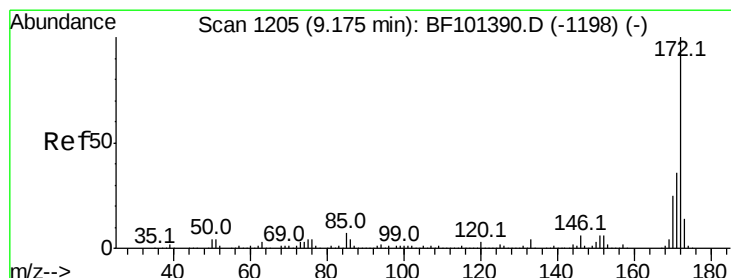
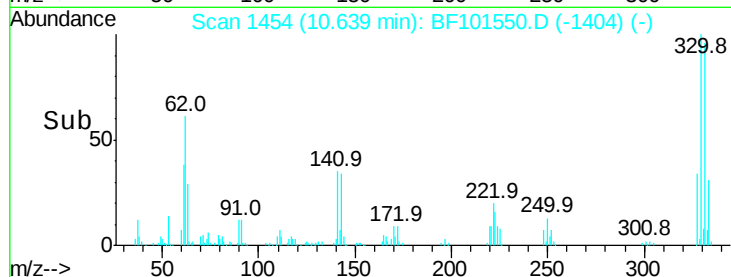
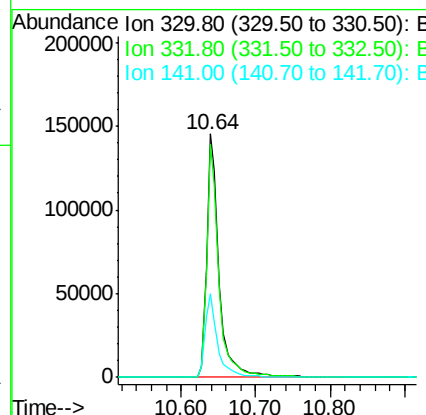
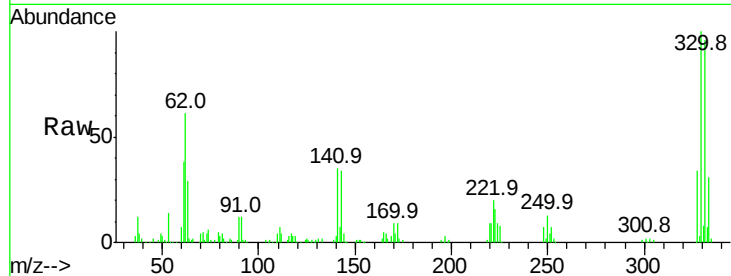




#41
 2,4,6-Tribromophenol
 Concen: 67.822 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF101550.D
 Acq: 20 Dec 2017 4:57

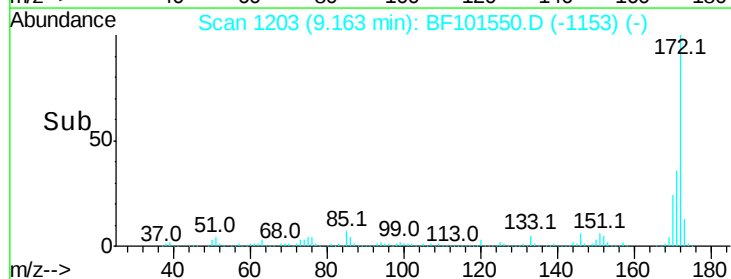
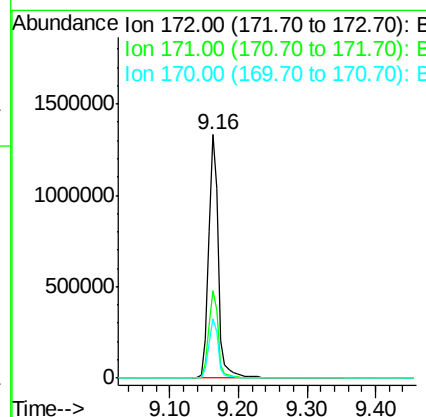
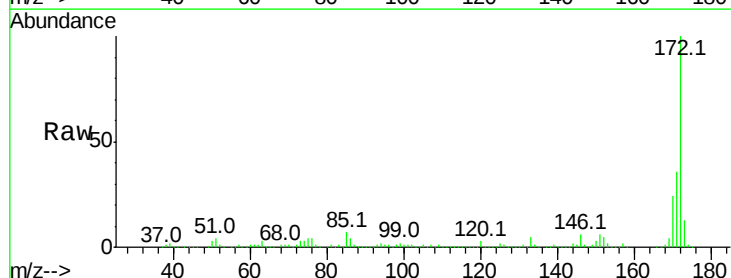
Instrument :
 BNA_F
 ClientSampleId :
 121417--DBRI-E-U-M

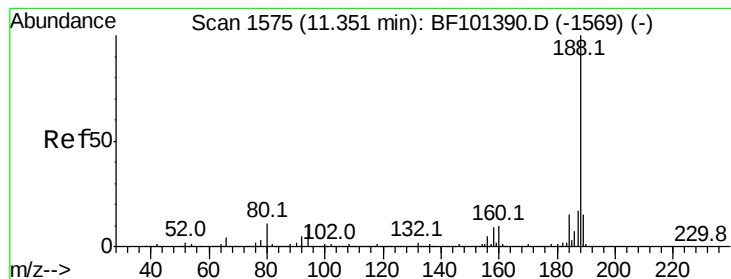
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	35.1	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 81.706 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF101550.D
 Acq: 20 Dec 2017 4:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.2	19.6	29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF101550.D

Acq: 20 Dec 2017 4:57

Instrument :

BNA_F

ClientSampleId :

121417--DBRI-E-U-M

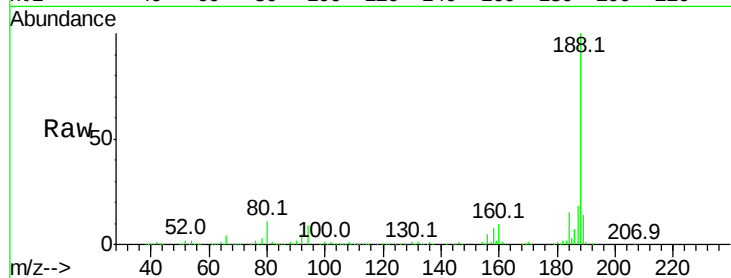
Tot Ion:188 Resp: 420428

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

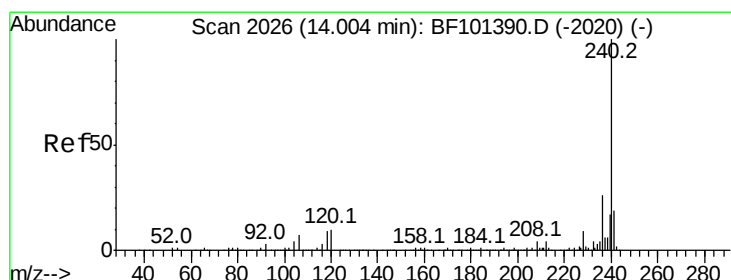
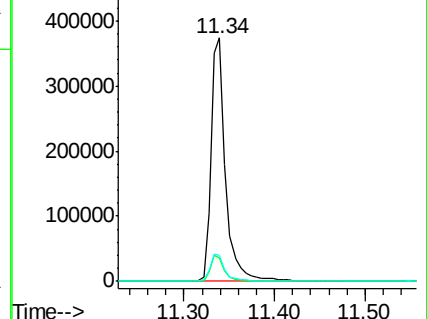
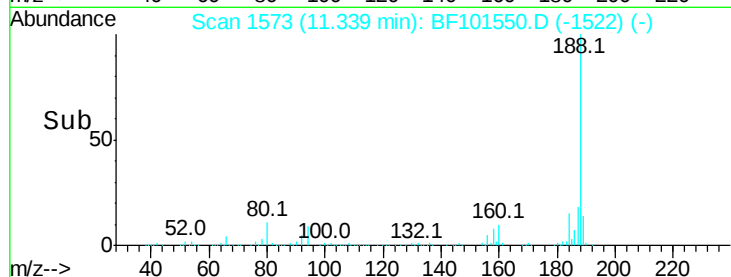
80 10.6 9.2 13.8



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: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF101550.D

Acq: 20 Dec 2017 4:57

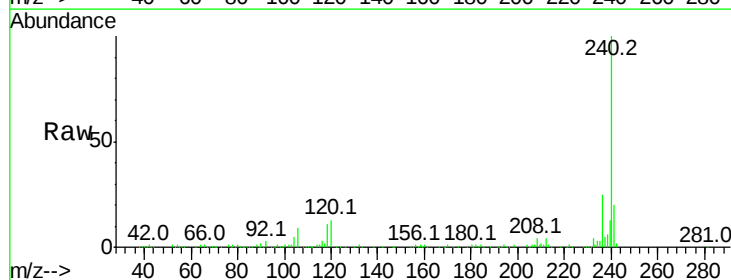
Tgt Ion:240 Resp: 311003

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

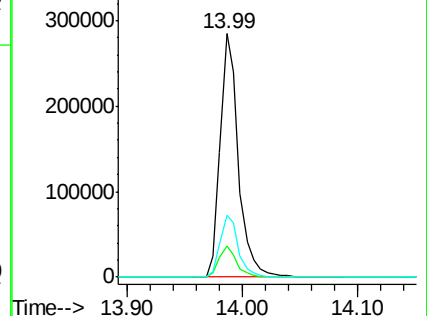
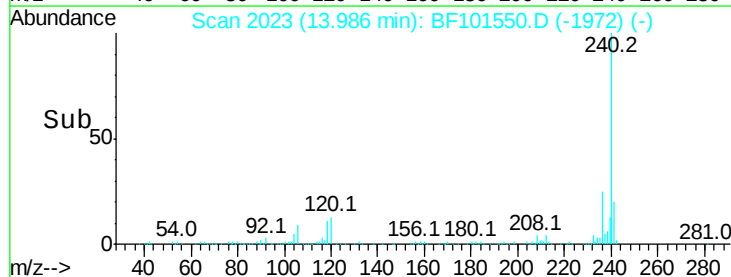
236 25.3 20.7 31.1

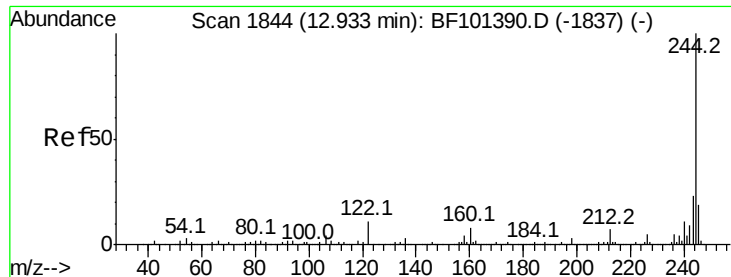


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 74.011 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF101550.D

Acq: 20 Dec 2017 4:57

Instrument :

BNA_F

ClientSampleId :

121417--DBRI-E-U-M

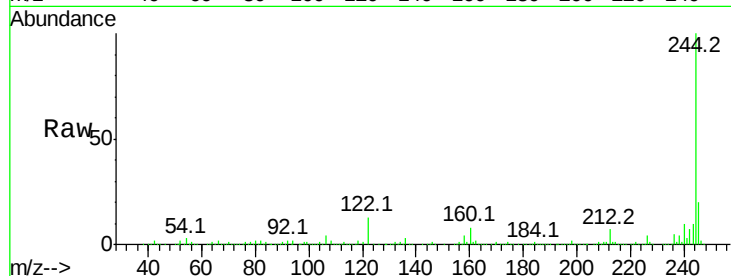
Tot Ion:244 Resp: 954783

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

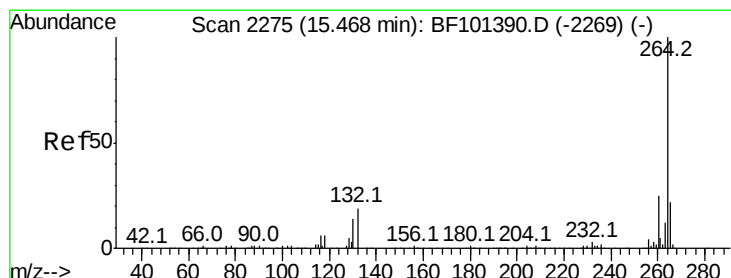
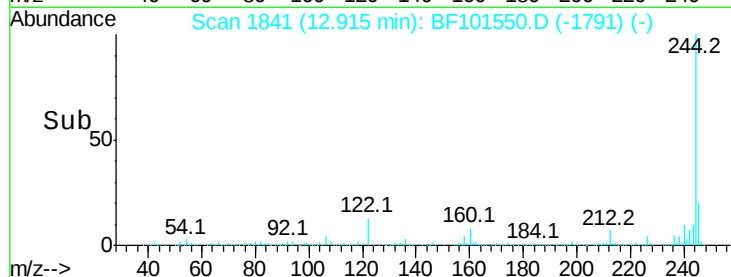
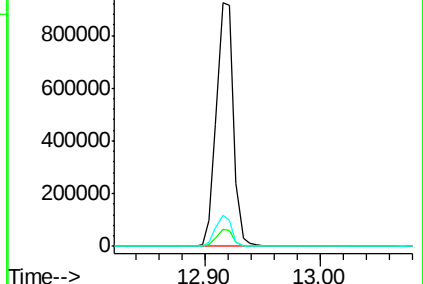
122 12.7 11.0 16.4



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: 15.46 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BF101550.D

Acq: 20 Dec 2017 4:57

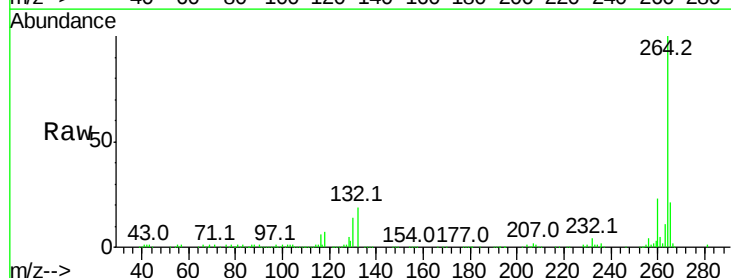
Tgt Ion:264 Resp: 339755

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.1 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

