

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104357.D
 Acq On : 7 Apr 2018 14:14
 Operator : JU/SJ
 Sample : J2255-12
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 040418-DBRI-E-U-S

Quant Time: Apr 09 01:35:11 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	140397	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	560896	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	238048	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	349732	20.00	ng	0.00
75) Chrysene-d12	13.97	240	274019	20.00	ng	0.00
86) Perylene-d12	15.43	264	248424	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	332223	36.18	ng	0.00
7) Phenol-d6	6.42	99	243430	21.58	ng	-0.01
23) Nitrobenzene-d5	7.37	82	812929	94.64	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	181361	73.45	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1350932	89.65	ng	0.00
78) Terphenyl-d14	12.92	244	989420	82.32	ng	0.00

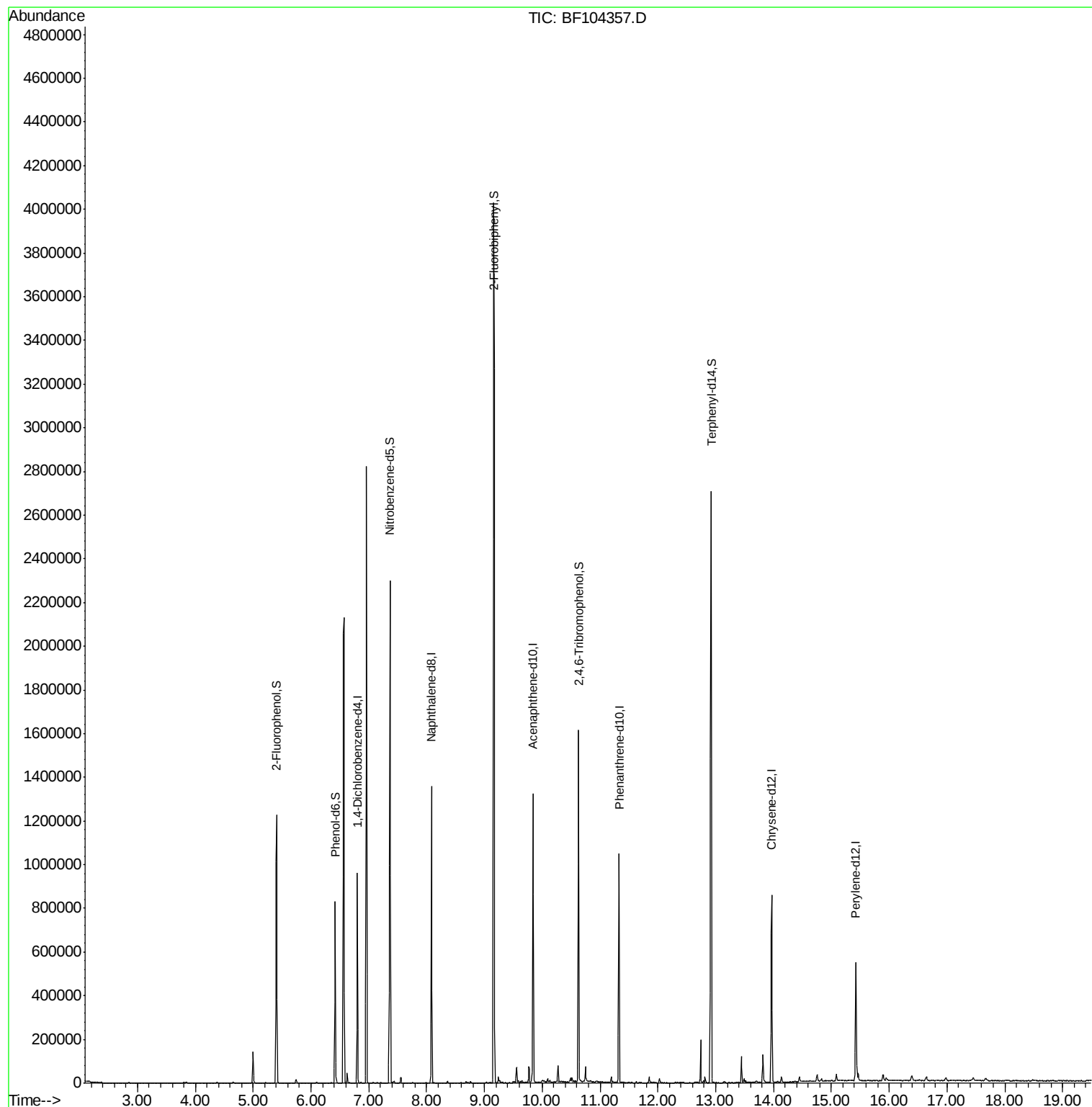
Target Compounds Qvalue

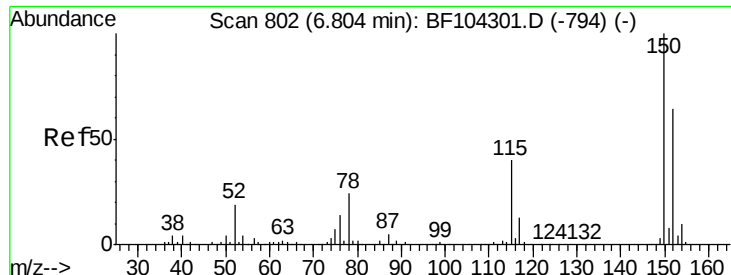
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
Data File : BF104357.D
Acq On : 7 Apr 2018 14:14
Operator : JU/SJ
Sample : J2255-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
040418-DBRI-E-U-S

Quant Time: Apr 09 01:35:11 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 06 16:44:53 2018
Response via : Initial Calibration



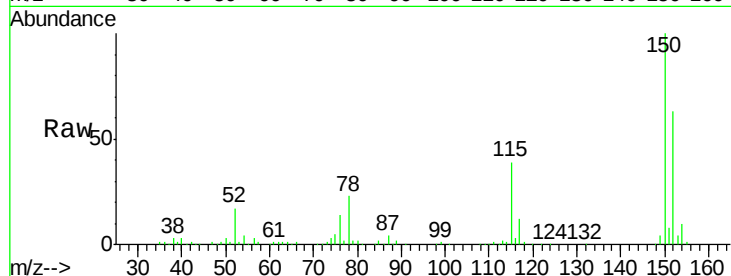


#1

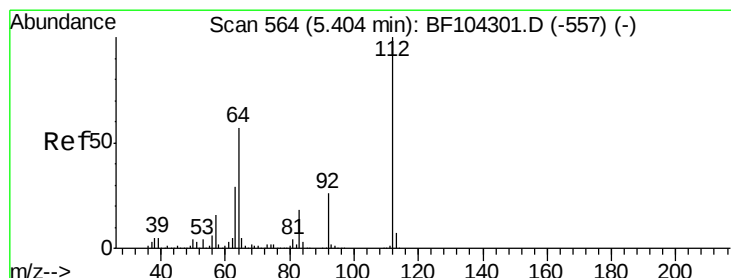
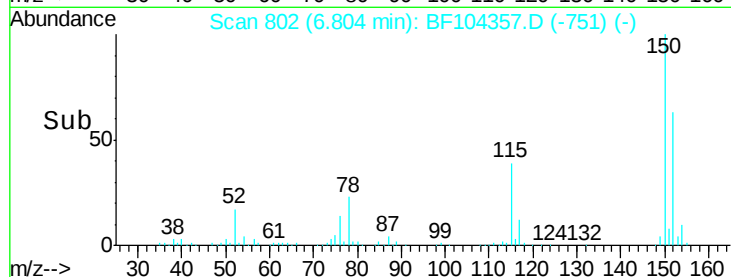
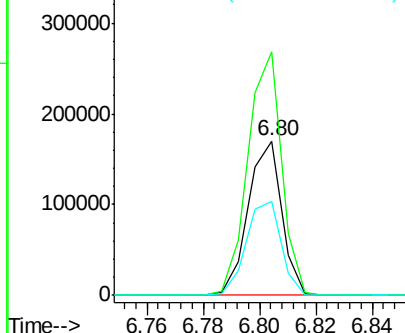
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104357.D
Acq: 7 Apr 2018 14:14

Instrument :
BNA_F
ClientSampleId :
040418-DBRI-E-U-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	60.9	50.1	75.1



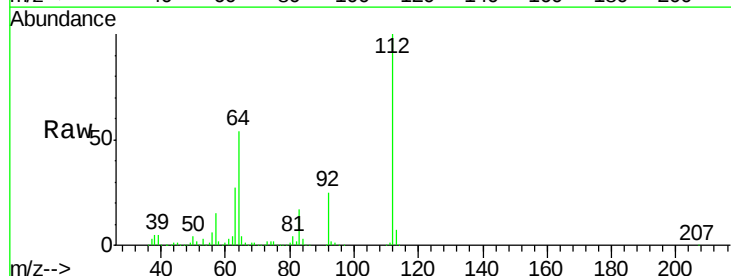
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



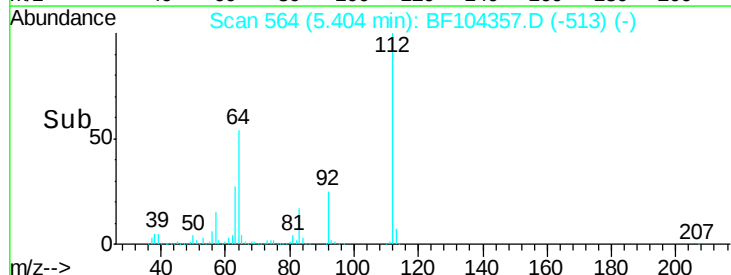
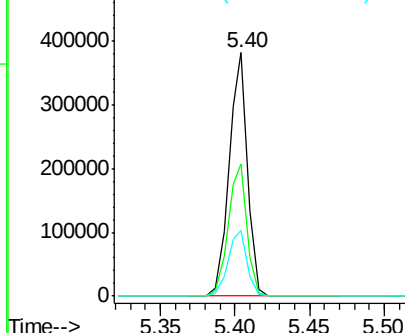
#5

2-Fluorophenol
Concen: 36.182 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF104357.D
Acq: 7 Apr 2018 14:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	47.9	71.9
63	27.1	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: 21.578 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF104357.D

Acq: 7 Apr 2018 14:14

Instrument :

BNA_F

ClientSampleId :

040418-DBRI-E-U-S

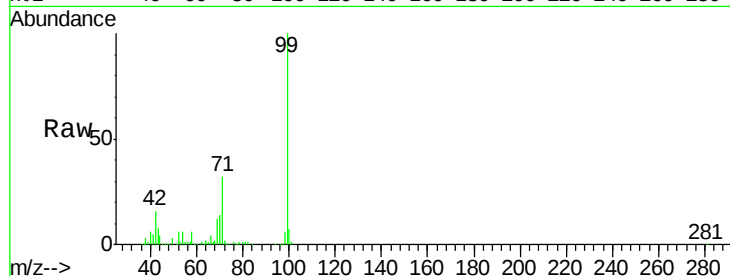
Tot Ion: 99 Resp: 243430

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

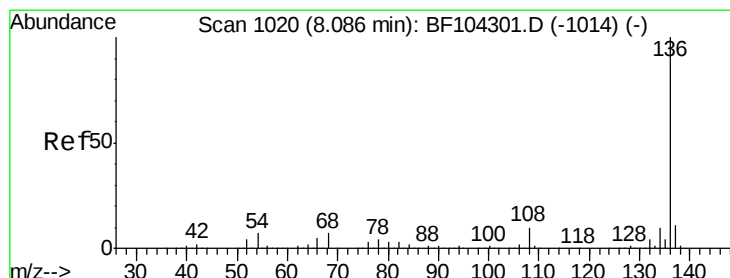
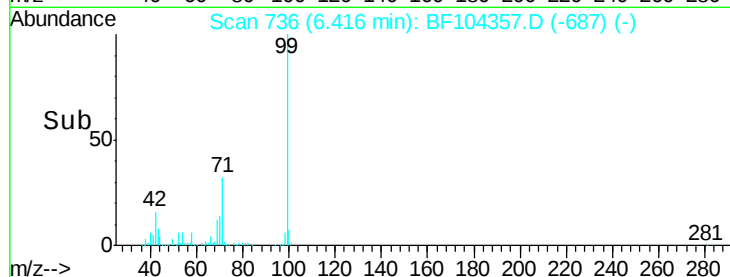
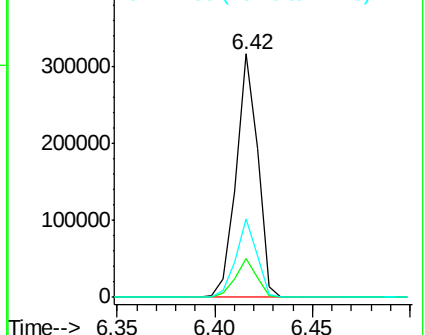
71 32.4 25.4 38.0



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# 1020

Delta R.T. 0.00 min

Lab File: BF104357.D

Acq: 7 Apr 2018 14:14

Tgt Ion: 136 Resp: 560896

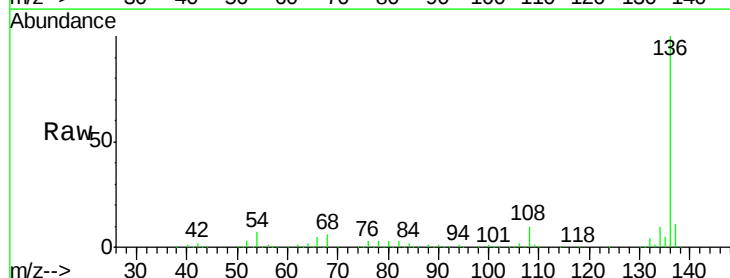
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.8 6.6 9.8

68 6.2 5.0 7.4

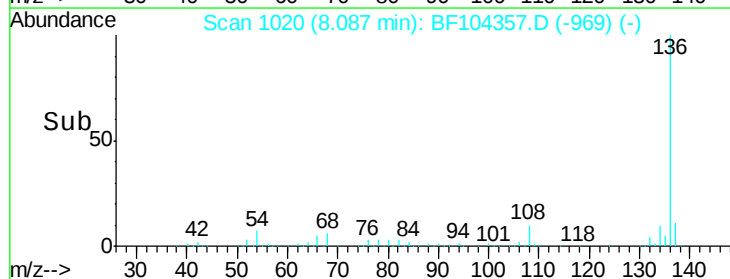
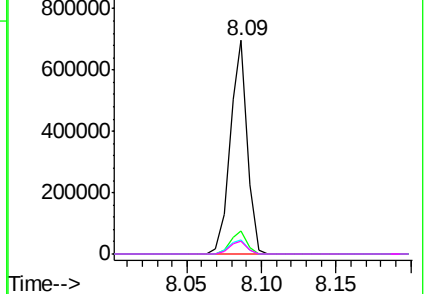


Abundance Ion 136.00 (135.70 to 136.70): E

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

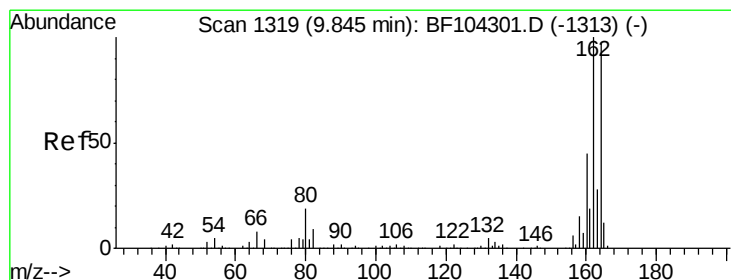
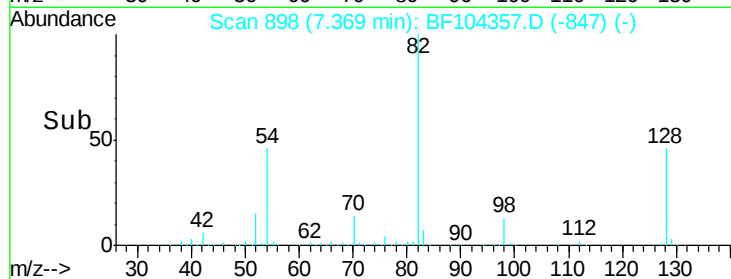
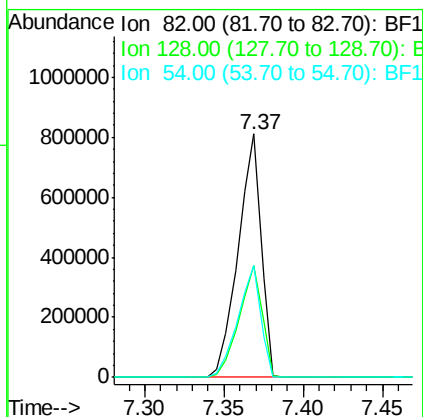
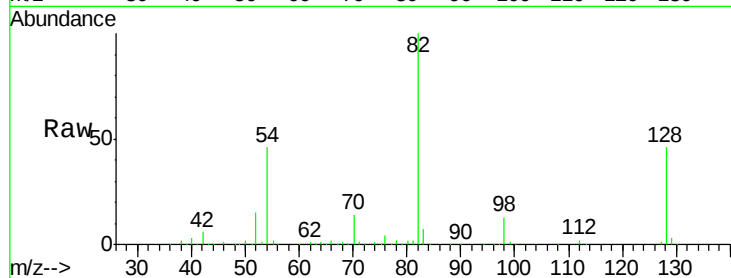




#23
 Nitrobenzene-d5
 Concen: 94.639 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BF104357.D
 Acq: 7 Apr 2018 14:14

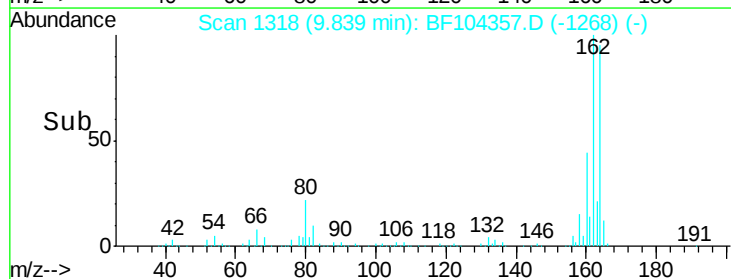
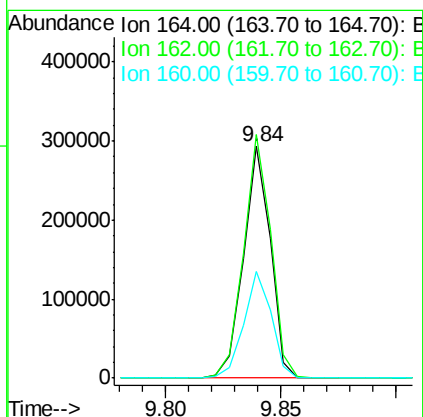
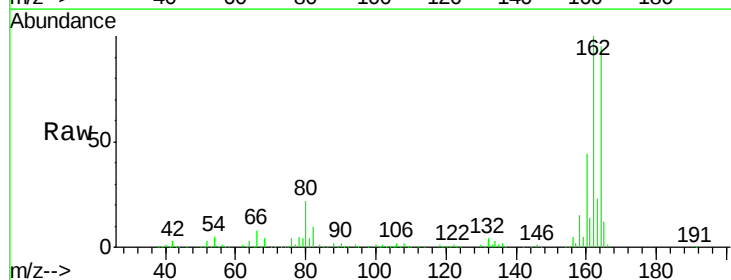
Instrument :
 BNA_F
 ClientSampleId :
 040418-DBRI-E-U-S

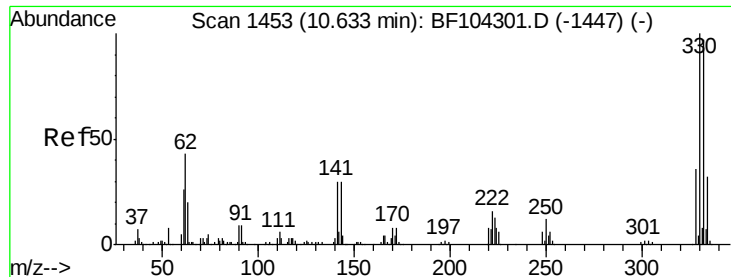
Tot Ion: 82 Resp: 812929
 Ion Ratio Lower Upper
 82 100
 128 45.9 36.1 54.1
 54 45.6 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104357.D
 Acq: 7 Apr 2018 14:14

Tgt Ion:164 Resp: 238048
 Ion Ratio Lower Upper
 164 100
 162 104.9 86.1 129.1
 160 46.1 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 73.445 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF104357.D

Acq: 7 Apr 2018 14:14

Instrument :

BNA_F

ClientSampleId :

040418-DBRI-E-U-S

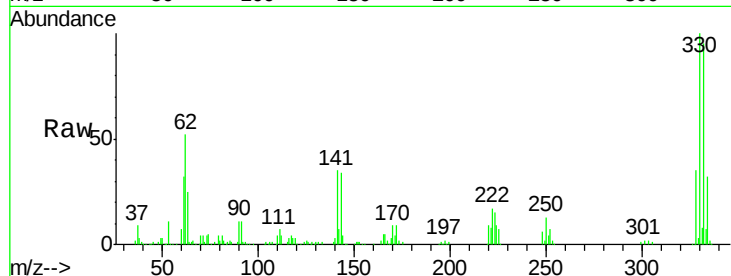
Tot Ion:330 Resp: 181361

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

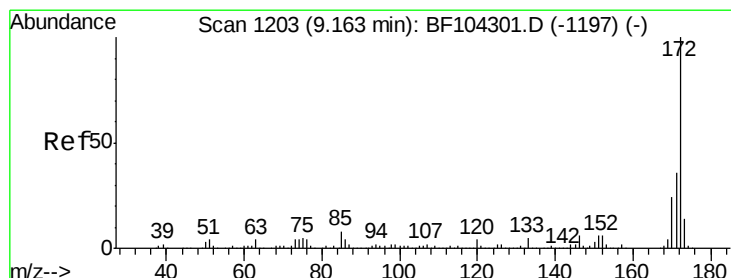
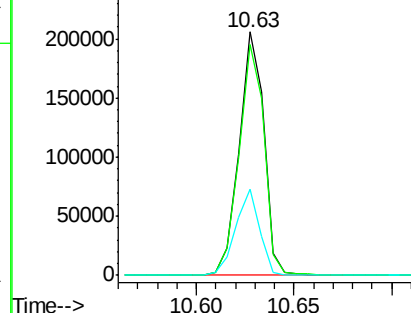
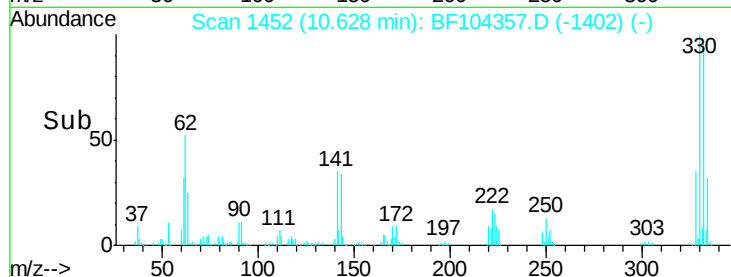
141 34.3 29.9 44.9



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: 89.652 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF104357.D

Acq: 7 Apr 2018 14:14

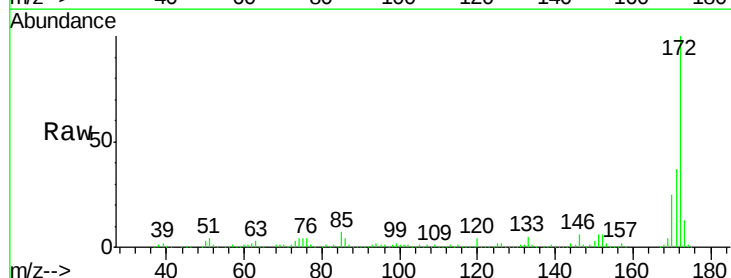
Tgt Ion:172 Resp: 1350932

Ion Ratio Lower Upper

172 100

171 36.9 29.7 44.5

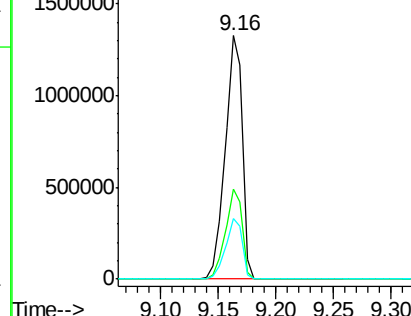
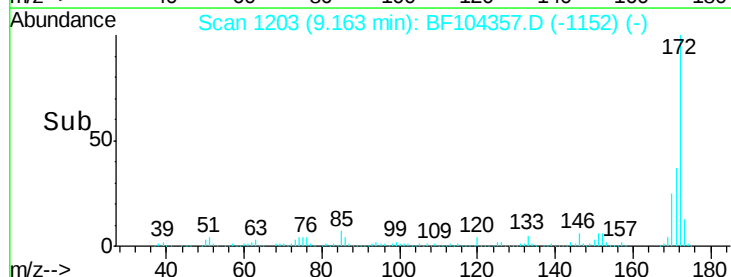
170 24.6 19.6 29.4

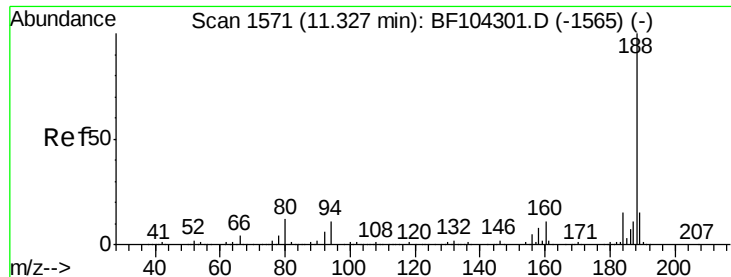


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

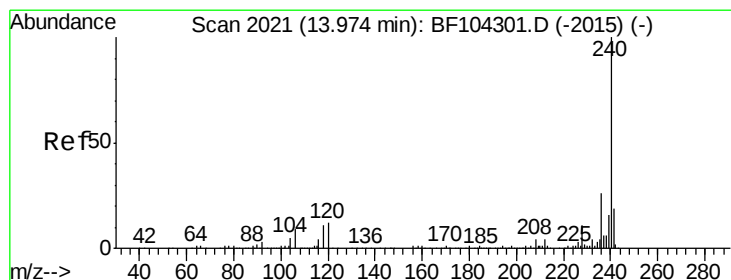
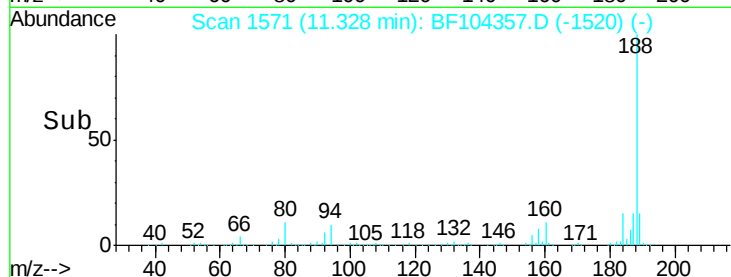
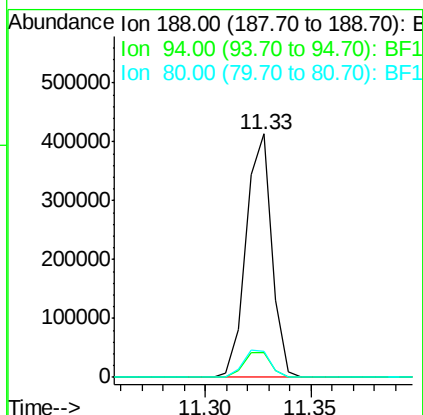
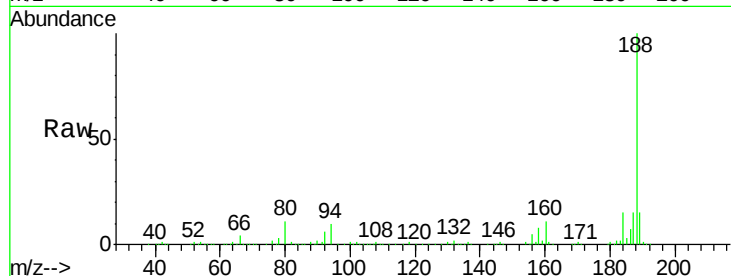




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF104357.D
Acq: 7 Apr 2018 14:14

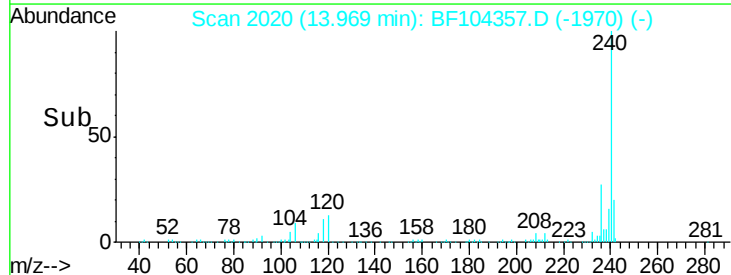
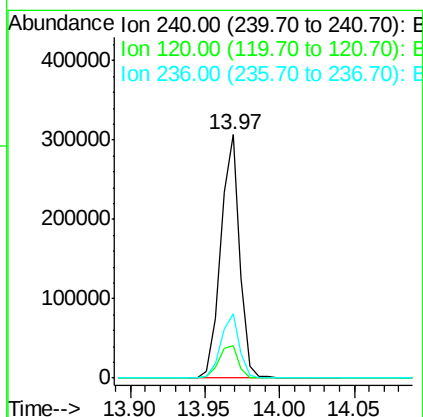
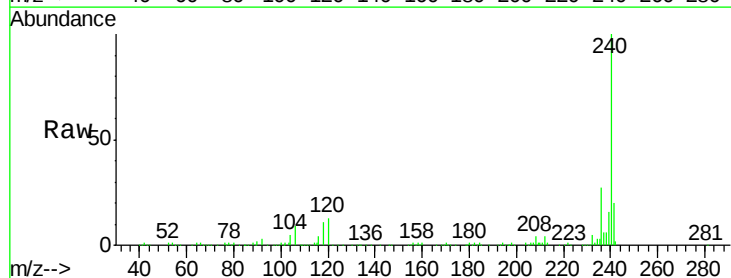
Instrument :
BNA_F
ClientSampleId :
040418-DBRI-E-U-S

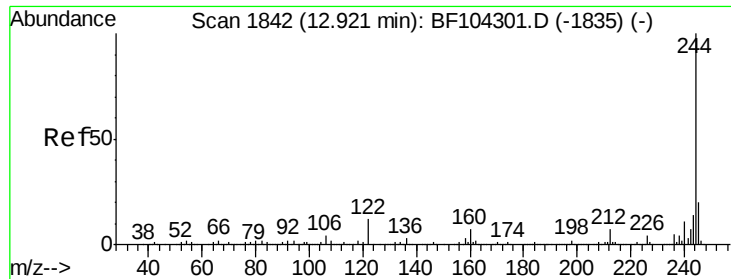
Tot Ion:188 Resp: 349732
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 10.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104357.D
Acq: 7 Apr 2018 14:14

Tgt Ion:240 Resp: 274019
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 26.7 20.7 31.1





#78

Terphenyl-d14

Concen: 82.319 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF104357.D

Acq: 7 Apr 2018 14:14

Instrument :

BNA_F

ClientSampleId :

040418-DBRI-E-U-S

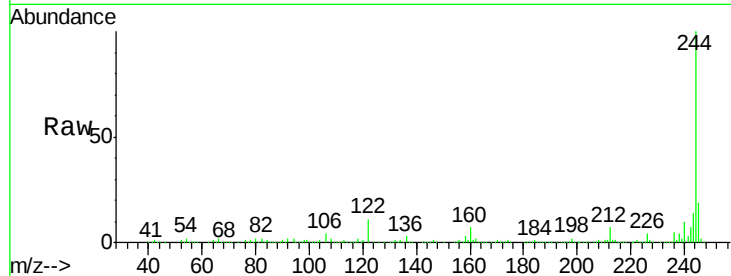
Tot Ion:244 Resp: 989420

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

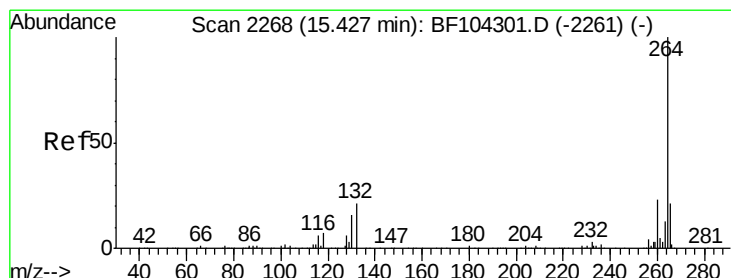
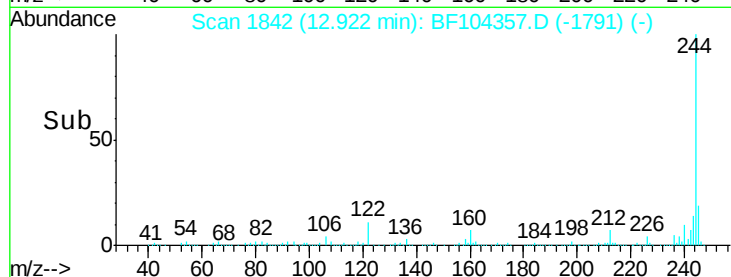
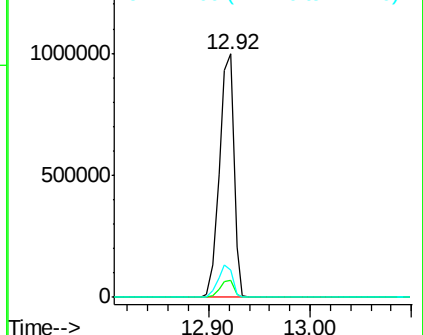
122 11.3 11.0 16.4



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: 15.43 min Scan# 2268

Delta R.T. 0.00 min

Lab File: BF104357.D

Acq: 7 Apr 2018 14:14

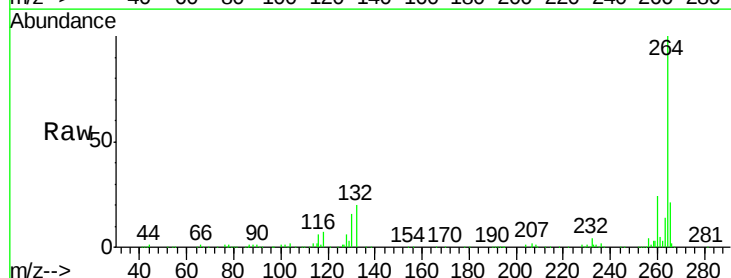
Tgt Ion:264 Resp: 248424

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.5 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

