

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
 Data File : BF104736.D
 Acq On : 24 Apr 2018 5:12
 Operator : JU/SJ
 Sample : J2494-08
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 042018-SIDI-E-U-S

Quant Time: Apr 24 08:39:43 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	113869	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	460210	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	197999	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	320273	20.00	ng	0.00
75) Chrysene-d12	13.98	240	218011	20.00	ng	0.00
86) Perylene-d12	15.45	264	160719	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	300524	40.35	ng	0.00
7) Phenol-d6	6.44	99	226277	24.73	ng	0.00
23) Nitrobenzene-d5	7.37	82	709175	100.62	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	164695	80.19	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1249198	99.67	ng	0.00
78) Terphenyl-d14	12.93	244	1027598	107.46	ng	0.00

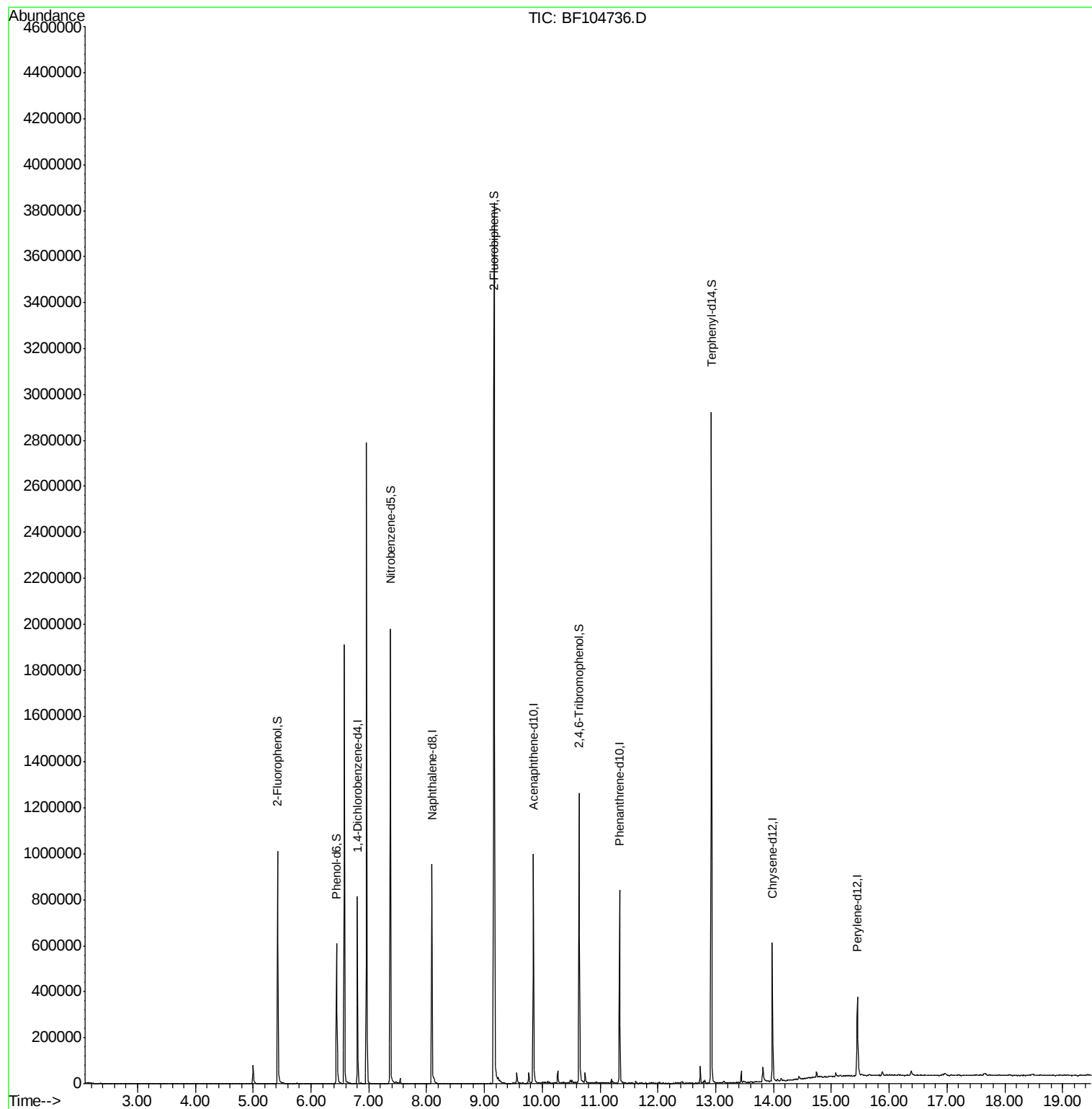
Target Compounds Qvalue

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104736.D
Acq On : 24 Apr 2018 5:12
Operator : JU/SJ
Sample : J2494-08
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
042018-SIDI-E-U-S

Quant Time: Apr 24 08:39:43 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 23 15:38:25 2018
Response via : Initial Calibration



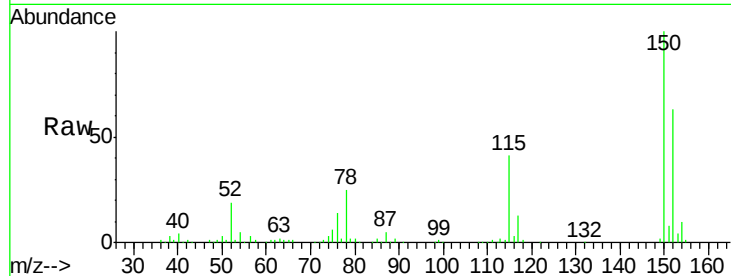


#1

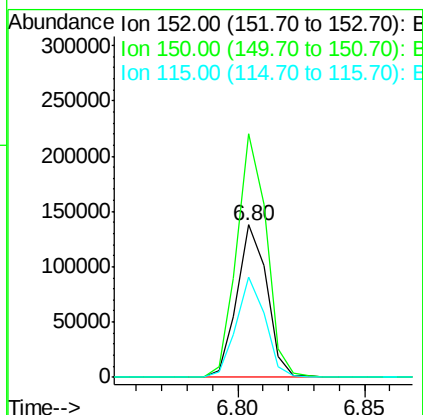
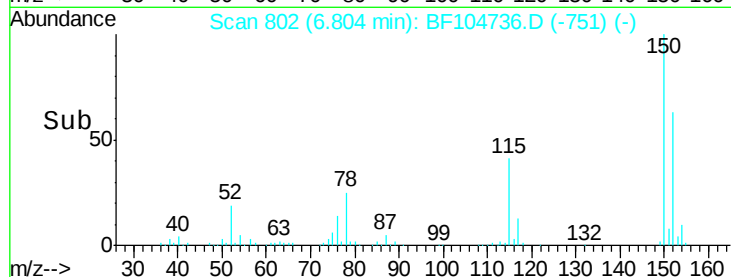
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104736.D
Acq: 24 Apr 2018 5:12

Instrument :
BNA_F
ClientSampleId :
042018-SIDI-E-U-S

Tot Ion:152 Resp: 113869
Ion Ratio Lower Upper
152 100
150 159.7 124.6 186.8
115 65.7 50.1 75.1



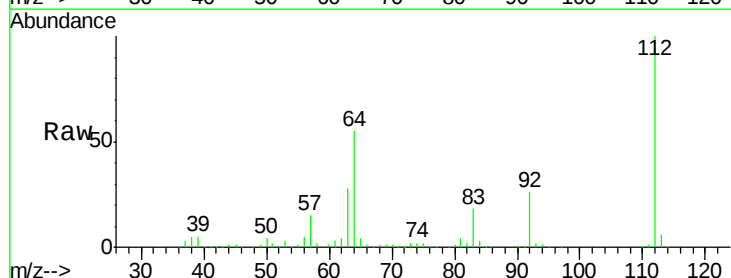
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



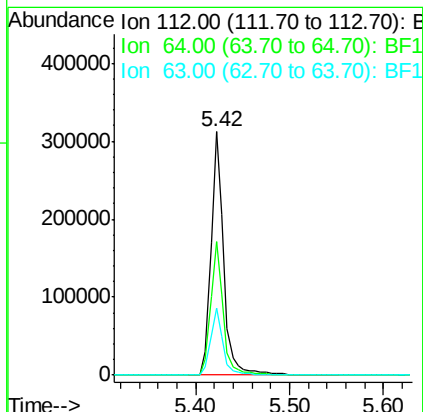
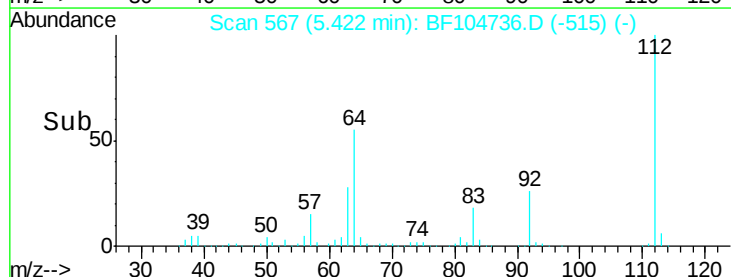
#5

2-Fluorophenol
Concen: 40.355 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104736.D
Acq: 24 Apr 2018 5:12

Tgt Ion:112 Resp: 300524
Ion Ratio Lower Upper
112 100
64 54.7 47.9 71.9
63 27.5 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: 24.730 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104736.D

Acq: 24 Apr 2018 5:12

Instrument :

BNA_F

ClientSampleId :

042018-SIDI-E-U-S

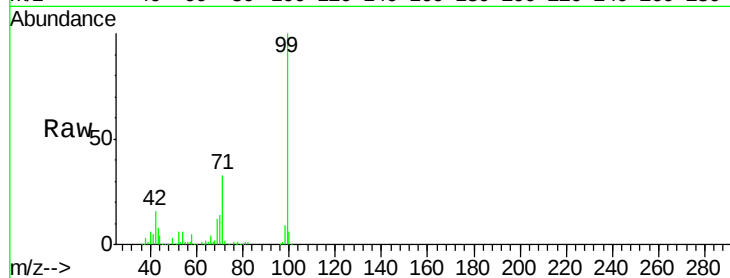
Tot Ion: 99 Resp: 226277

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

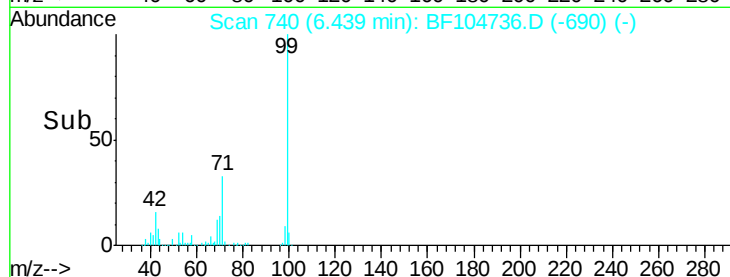
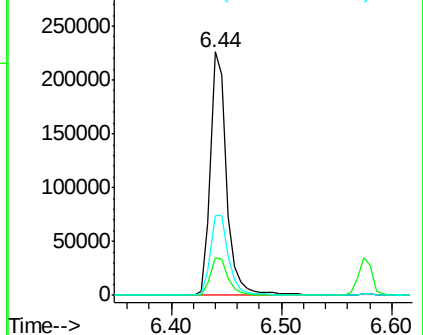
71 33.0 25.4 38.0



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: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF104736.D

Acq: 24 Apr 2018 5:12

Tgt Ion: 136 Resp: 460210

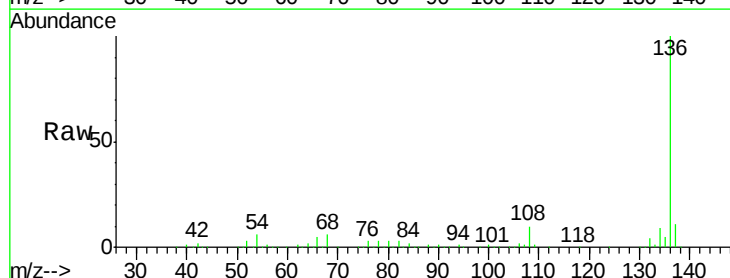
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.5 6.6 9.8#

68 5.5 5.0 7.4

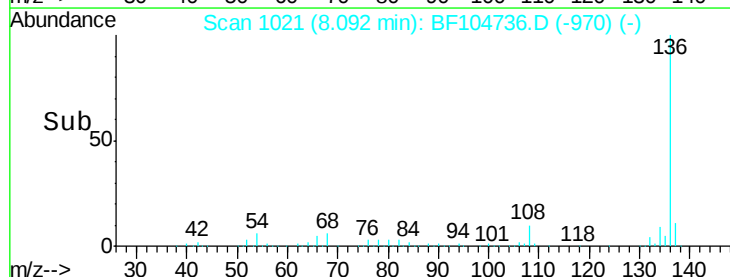
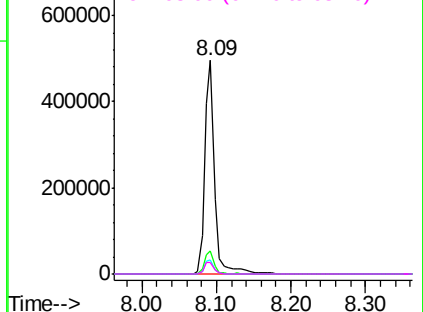


Abundance Ion 136.00 (135.70 to 136.70): E

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

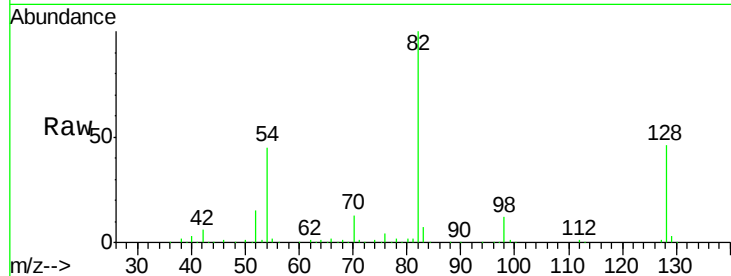




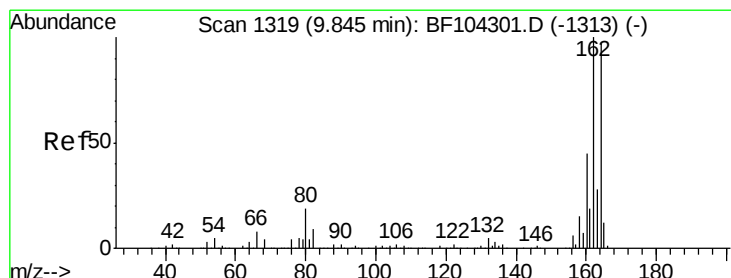
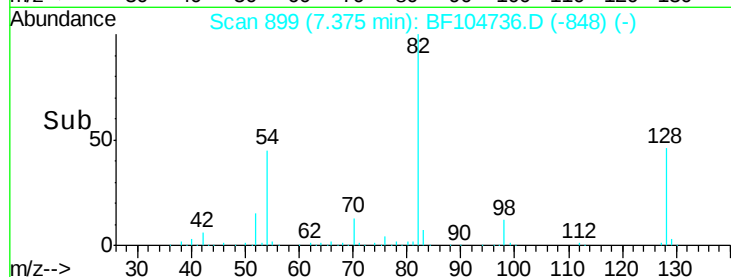
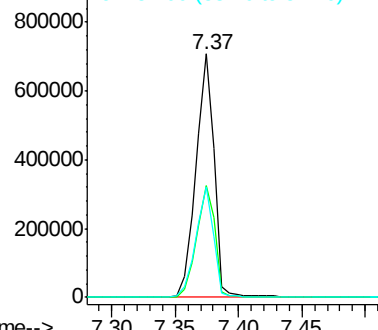
#23
 Nitrobenzene-d5
 Concen: 100.623 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: BF104736.D
 Acq: 24 Apr 2018 5:12

Instrument :
 BNA_F
 ClientSampleId :
 042018-SIDI-E-U-S

Tot Ion	82	Resp	709175
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	45.3	41.4	62.2

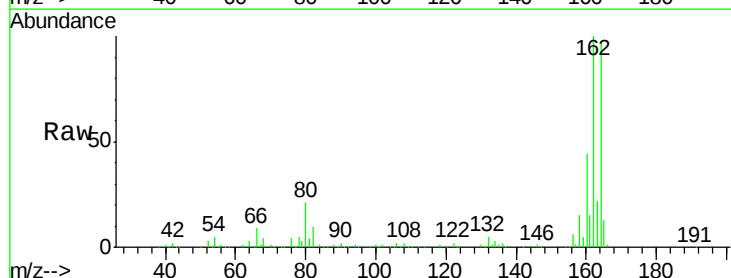


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

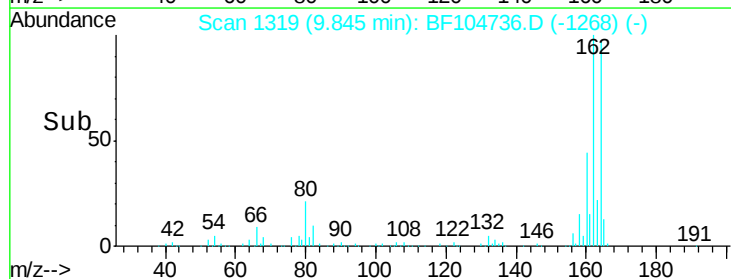
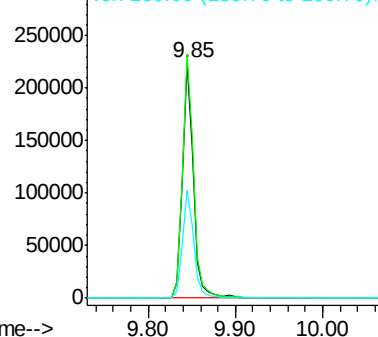


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF104736.D
 Acq: 24 Apr 2018 5:12

Tgt Ion	164	Resp	197999
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>86.1</td> <td></td> <td></td>	86.1		
Upper <td>129.1</td> <td></td> <td></td>	129.1		
162	103.5	38.3	57.5
160	45.9		



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: 80.187 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BF104736.D

Acq: 24 Apr 2018 5:12

Instrument :

BNA_F

ClientSampleId :

042018-SIDI-E-U-S

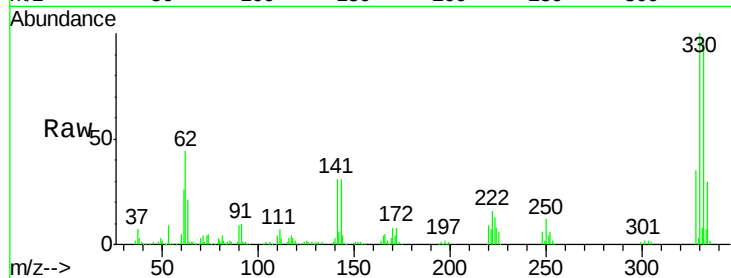
Tot Ion:330 Resp: 164695

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

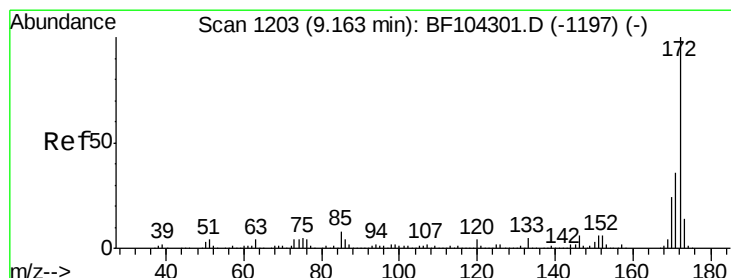
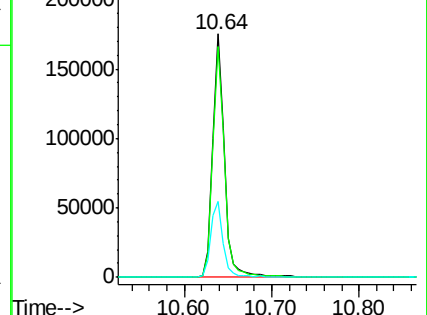
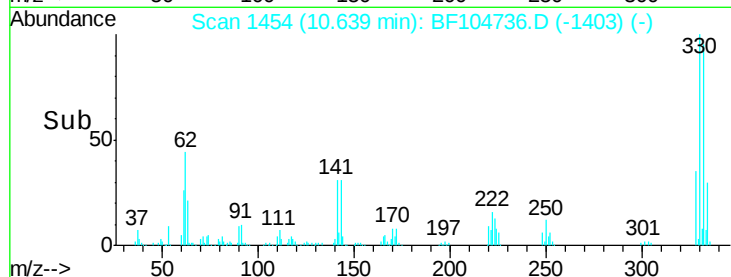
141 32.9 29.9 44.9



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: 99.668 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF104736.D

Acq: 24 Apr 2018 5:12

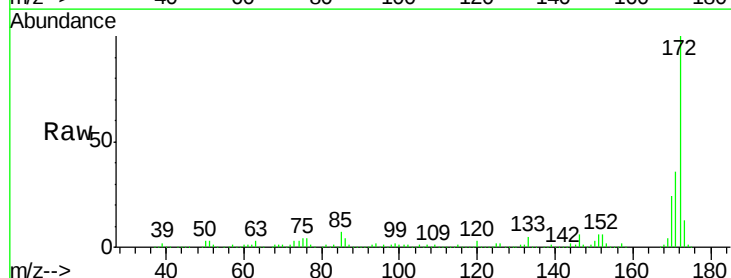
Tgt Ion:172 Resp: 1249198

Ion Ratio Lower Upper

172 100

171 36.5 29.7 44.5

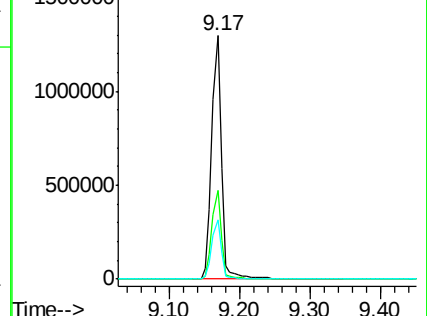
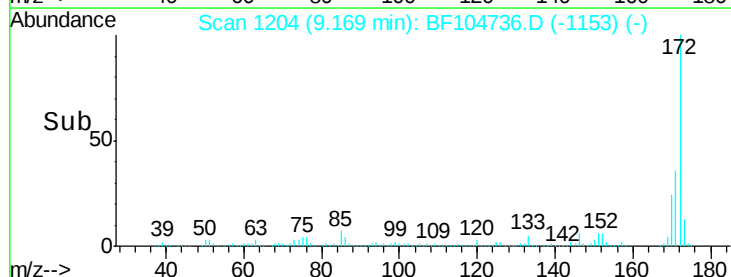
170 24.4 19.6 29.4



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

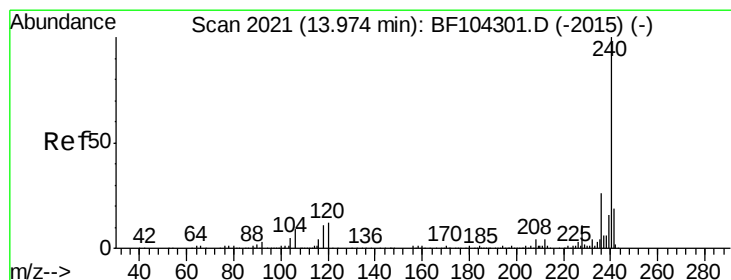
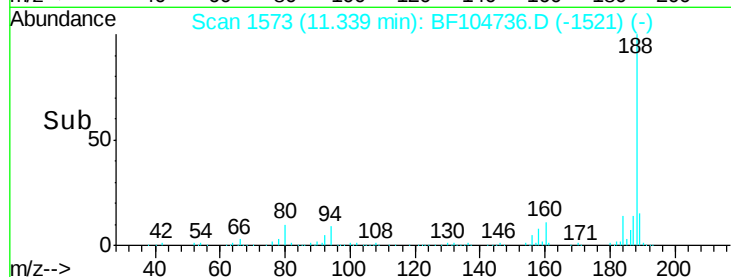
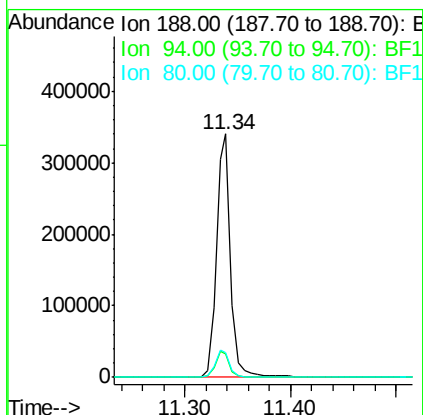
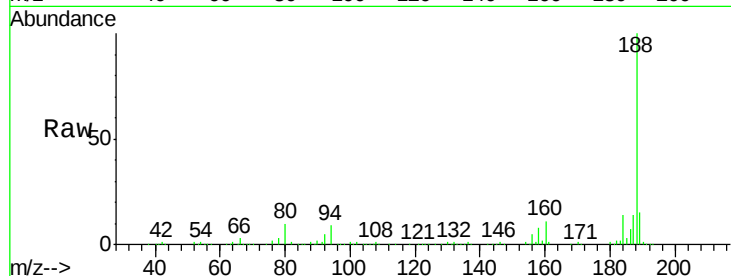




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF104736.D
Acq: 24 Apr 2018 5:12

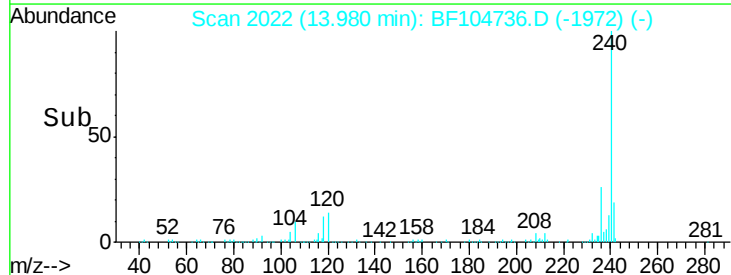
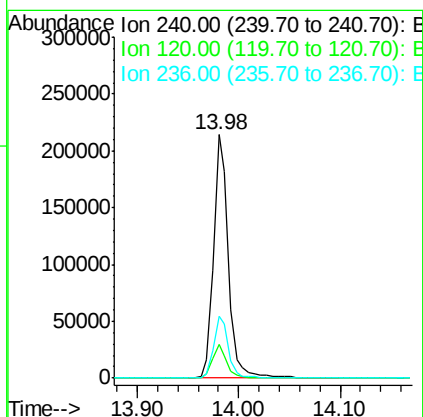
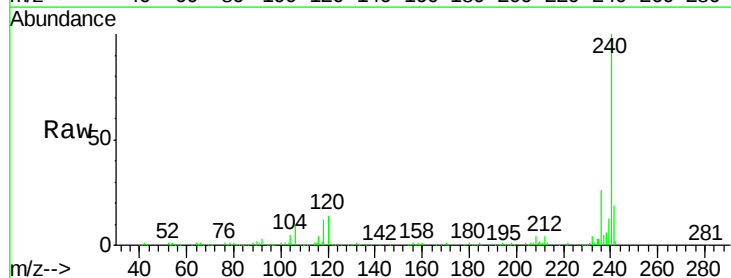
Instrument :
BNA_F
ClientSampleId :
042018-SIDI-E-U-S

Tot Ion:188 Resp: 320273
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104736.D
Acq: 24 Apr 2018 5:12

Tgt Ion:240 Resp: 218011
Ion Ratio Lower Upper
240 100
120 14.0 9.5 14.3
236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 107.460 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF104736.D

Acq: 24 Apr 2018 5:12

Instrument :

BNA_F

ClientSampleId :

042018-SIDI-E-U-S

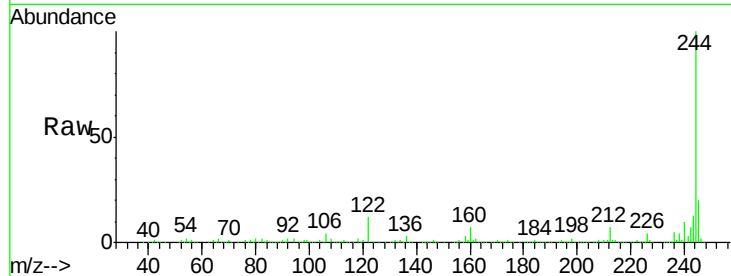
Tot Ion:244 Resp: 1027598

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

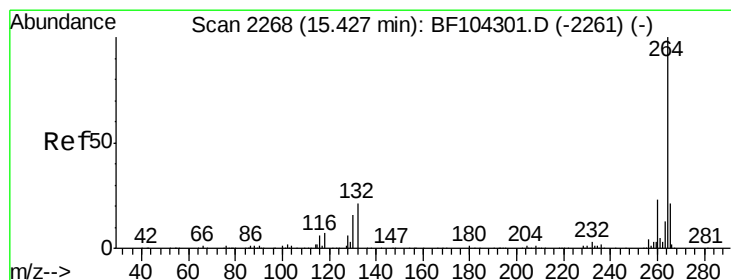
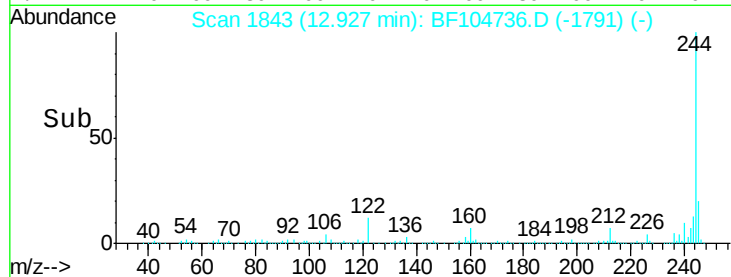
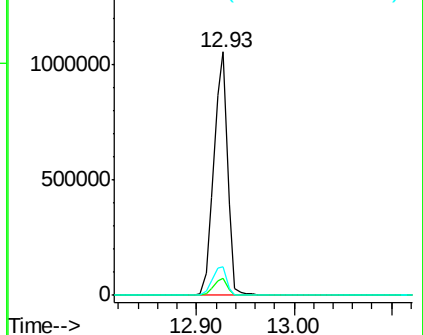
122 12.0 11.0 16.4



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: 15.45 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BF104736.D

Acq: 24 Apr 2018 5:12

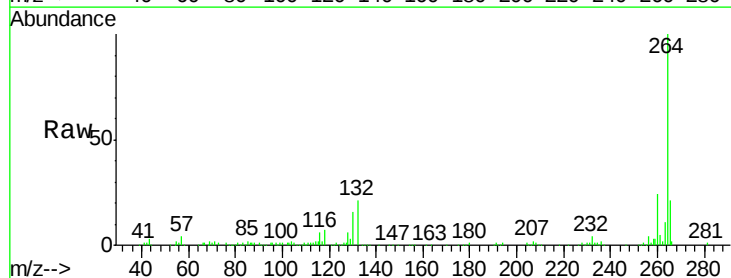
Tgt Ion:264 Resp: 160719

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.3 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

