

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104968.D
 Acq On : 1 May 2018 7:48
 Operator : JU/SJ
 Sample : J2617-11
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 042618-SIDI-E-U-M

Quant Time: May 01 08:22:46 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

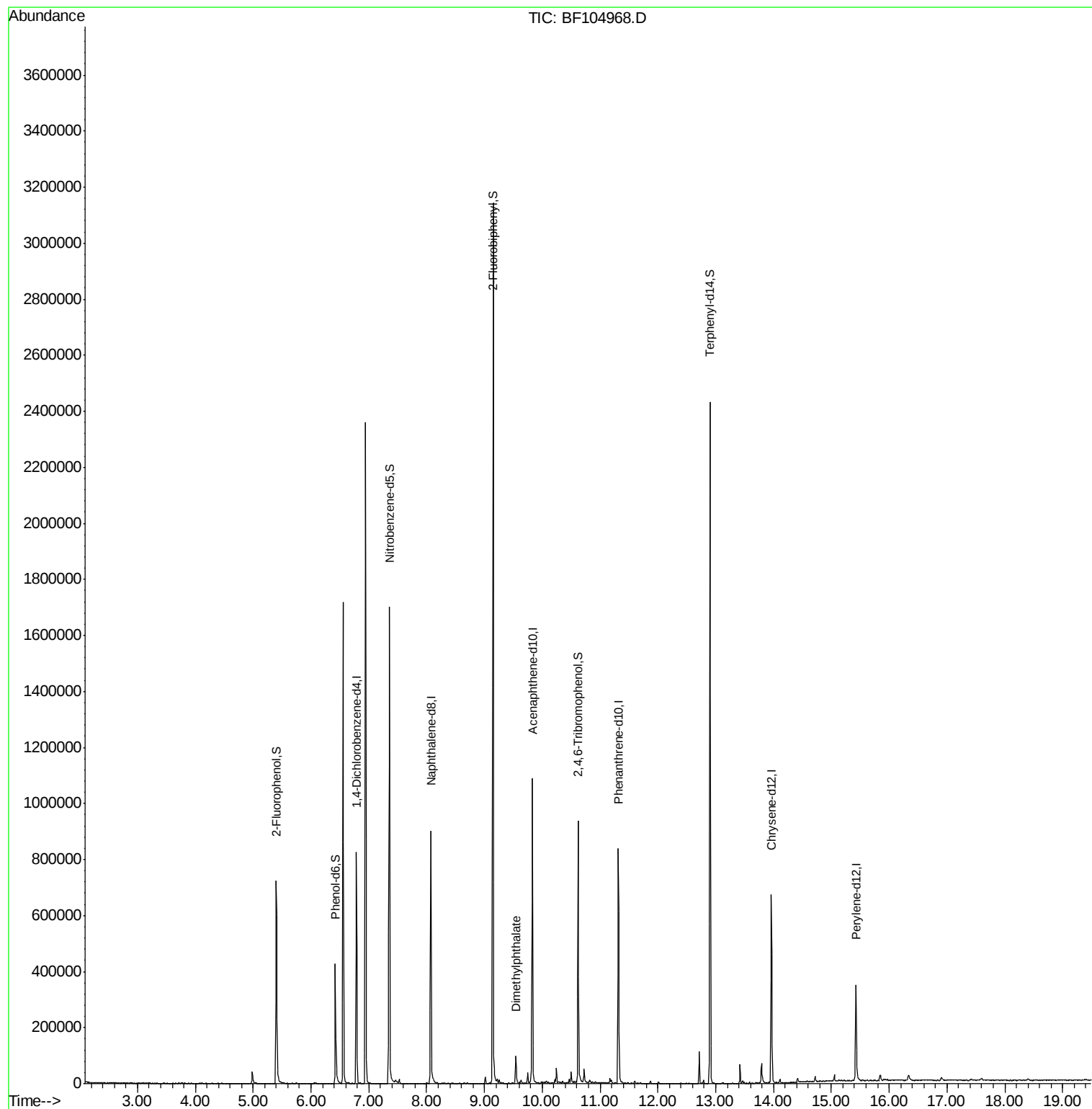
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	118462	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	490926	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	206151	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	321916	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	237417	20.00	ng	-0.01
86) Perylene-d12	15.43	264	175027	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	244309	31.53	ng	0.00
7) Phenol-d6	6.42	99	177390	18.64	ng	-0.02
23) Nitrobenzene-d5	7.36	82	622978	82.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	136358	63.76	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1082071	82.92	ng	0.00
78) Terphenyl-d14	12.90	244	814432	78.21	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.55	163	46944	2.888	ng	96

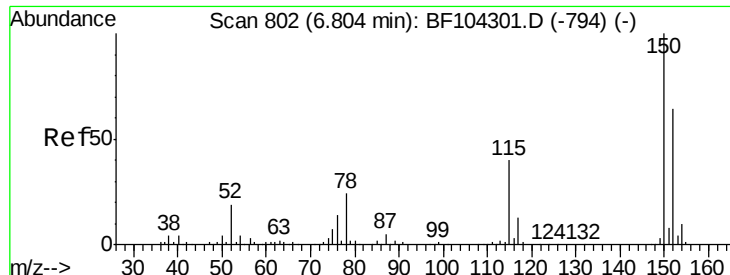
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF104968.D

Acq: 1 May 2018 7:48

Instrument :

BNA_F

ClientSampleId :

042618-SIDI-E-U-M

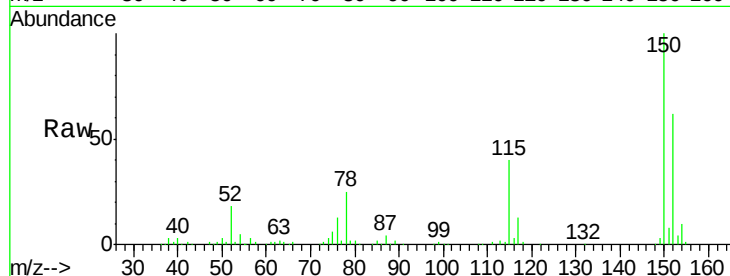
Tot Ion:152 Resp: 118462

Ion Ratio Lower Upper

152 100

150 160.3 124.6 186.8

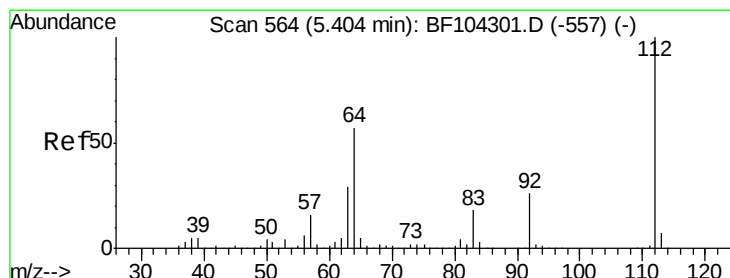
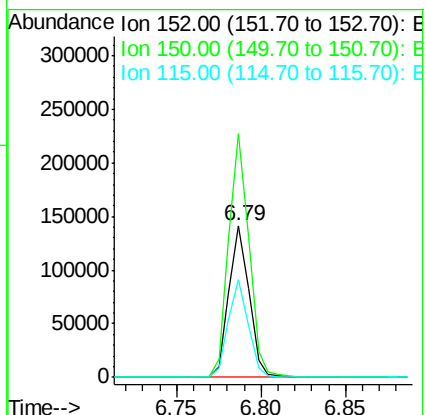
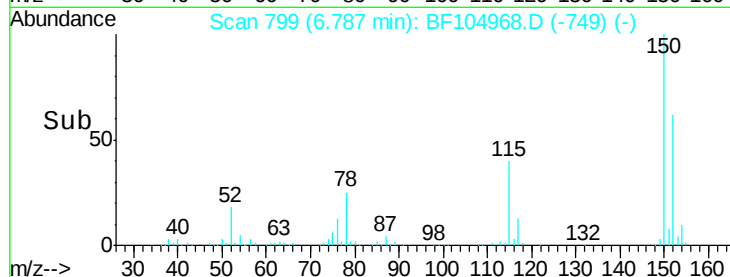
115 64.6 50.1 75.1



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: 31.534 ng

RT: 5.40 min Scan# 563

Delta R.T. -0.01 min

Lab File: BF104968.D

Acq: 1 May 2018 7:48

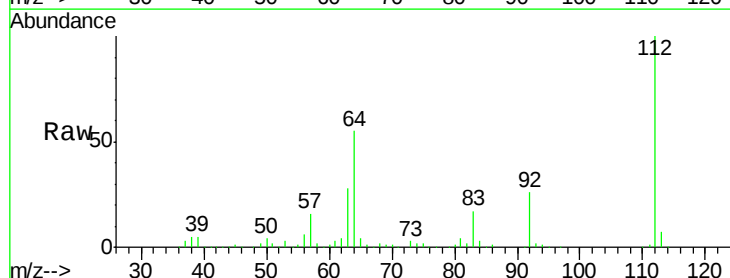
Tgt Ion:112 Resp: 244309

Ion Ratio Lower Upper

112 100

64 54.9 47.9 71.9

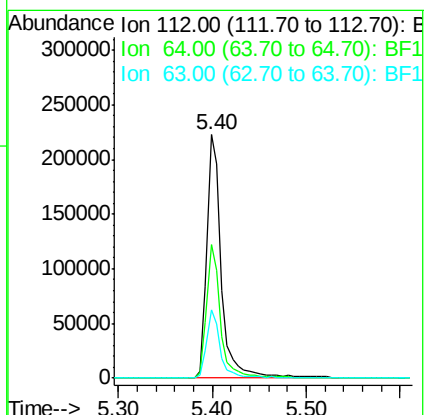
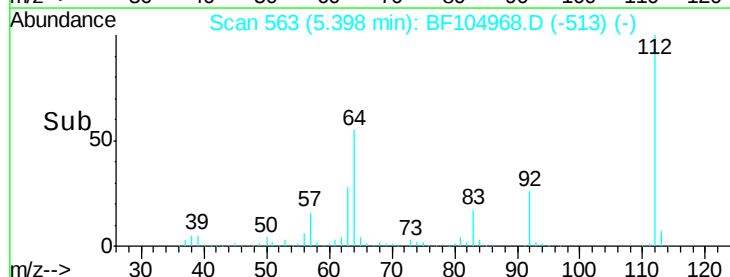
63 28.2 23.7 35.5



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: 18.635 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF104968.D

Acq: 1 May 2018 7:48

Instrument :

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ClientSampleId :

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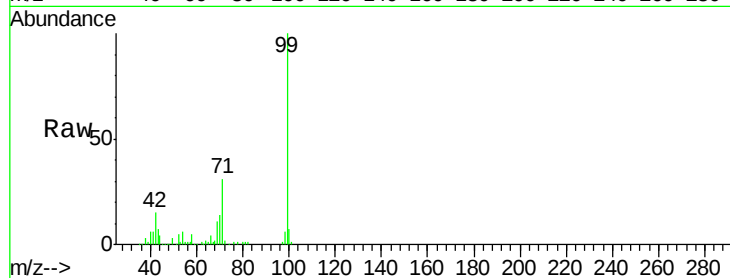
Tot Ion: 99 Resp: 177390

Ion Ratio Lower Upper

99 100

42 14.7 14.5 21.7

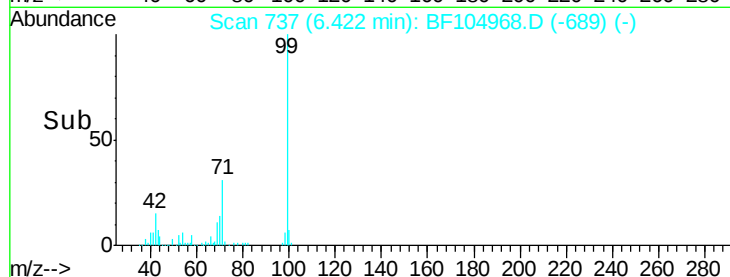
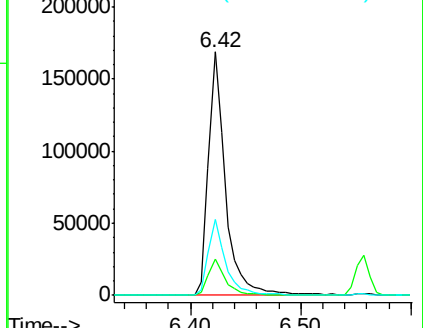
71 31.4 25.4 38.0



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: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF104968.D

Acq: 1 May 2018 7:48

Tgt Ion: 136 Resp: 490926

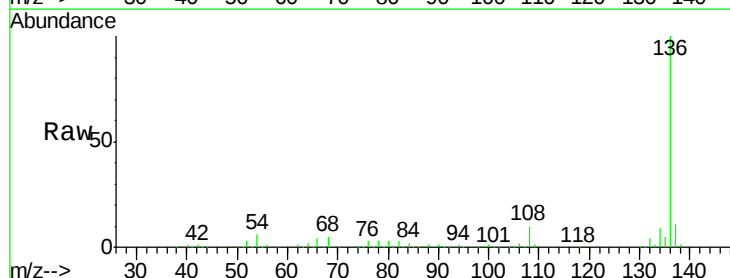
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 5.8 6.6 9.8#

68 4.9 5.0 7.4#

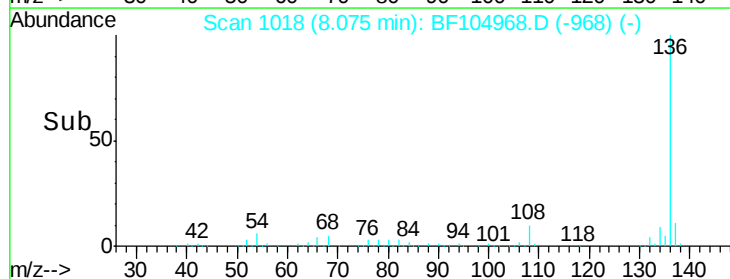
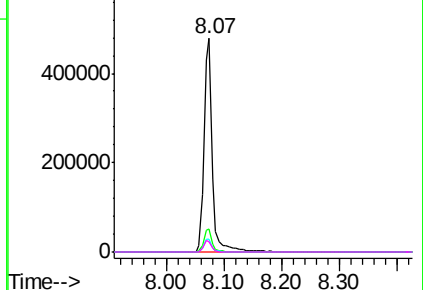


Abundance Ion 136.00 (135.70 to 136.70): E

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

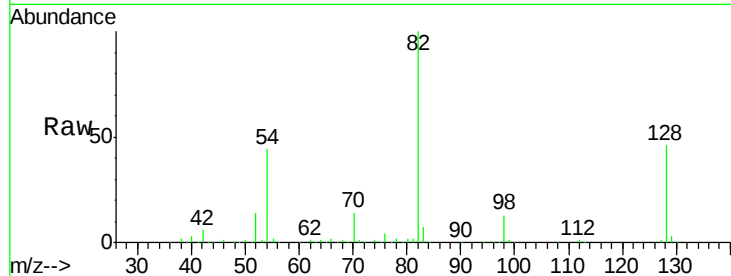




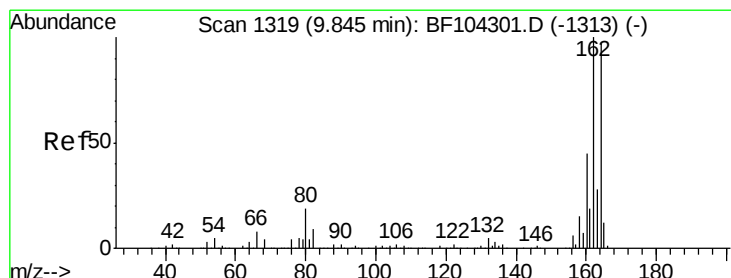
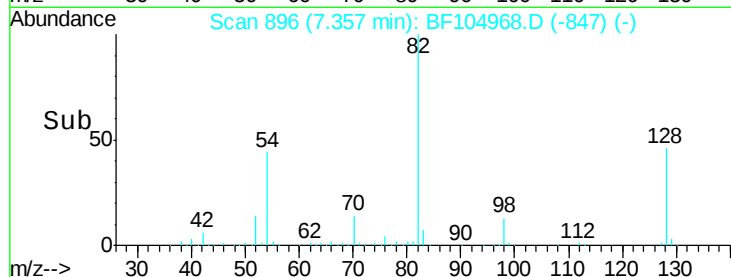
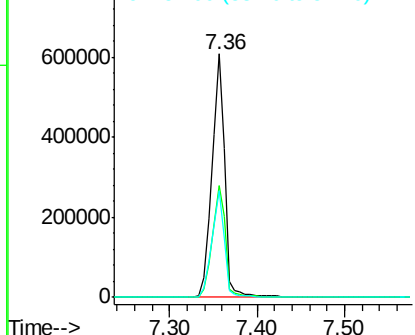
#23
 Nitrobenzene-d5
 Concen: 82.862 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF104968.D
 Acq: 1 May 2018 7:48

Instrument :
 BNA_F
 ClientSampleId :
 042618-SIDI-E-U-M

Tot Ion: 82 Resp: 622978
 Ion Ratio Lower Upper
 82 100
 128 46.0 36.1 54.1
 54 44.0 41.4 62.2

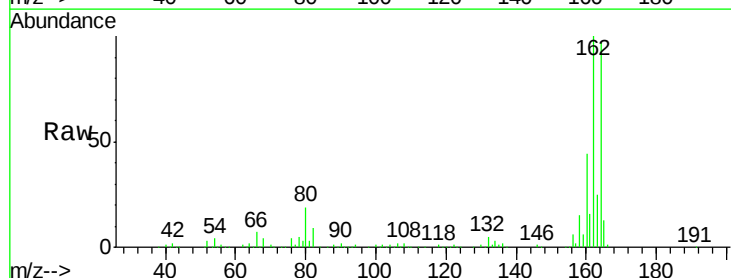


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

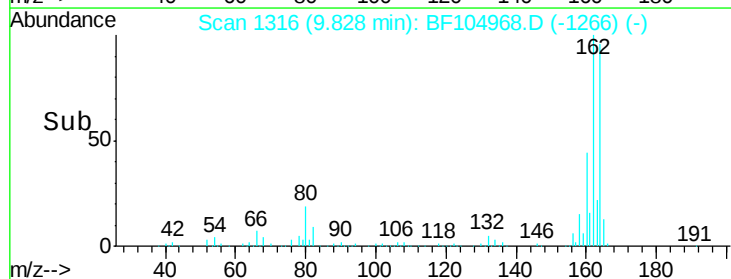
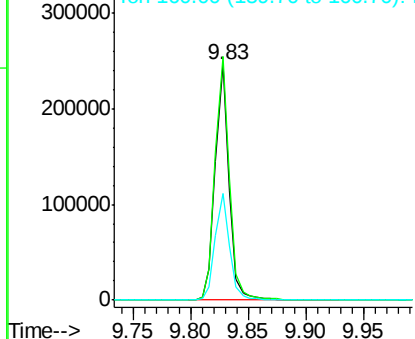


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF104968.D
 Acq: 1 May 2018 7:48

Tgt Ion:164 Resp: 206151
 Ion Ratio Lower Upper
 164 100
 162 103.4 86.1 129.1
 160 45.6 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

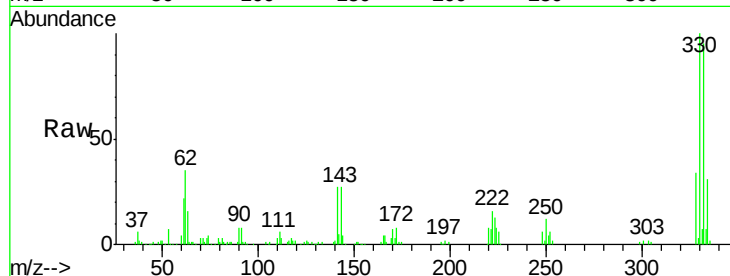




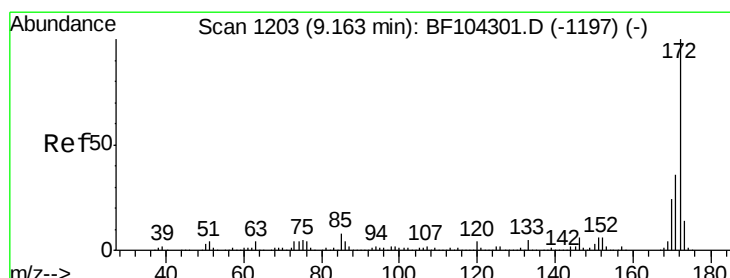
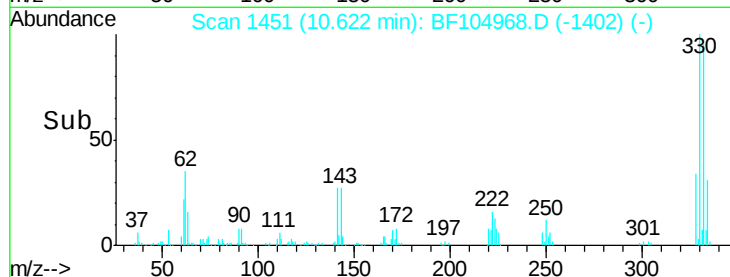
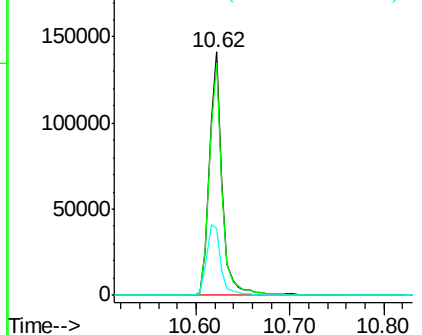
#41
 2,4,6-Tribromophenol
 Concen: 63.765 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF104968.D
 Acq: 1 May 2018 7:48

Instrument :
 BNA_F
 ClientSampleId :
 042618-SIDI-E-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	32.3	29.9	44.9

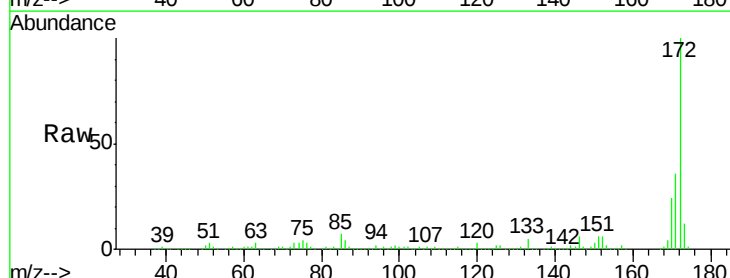


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

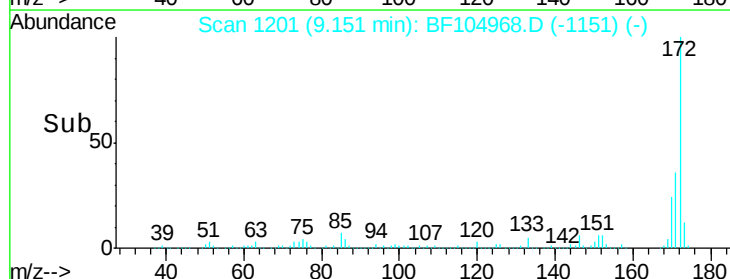
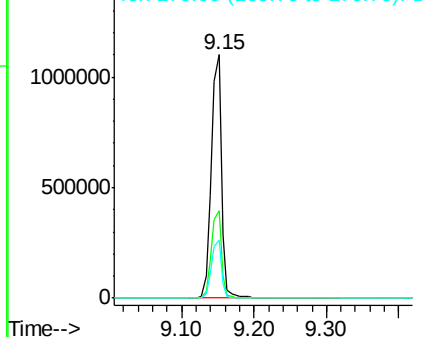


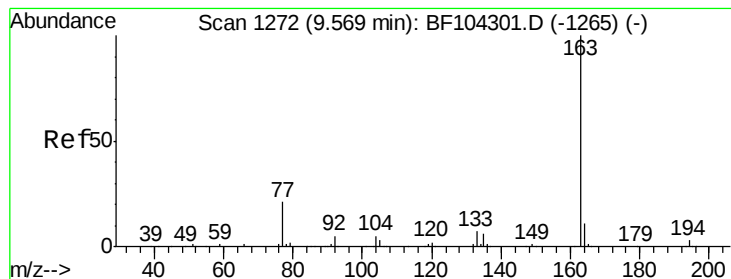
#44
 2-Fluorobiphenyl
 Concen: 82.920 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF104968.D
 Acq: 1 May 2018 7:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.0	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





#49

Dimethylphthalate

Concen: 2.888 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF104968.D

Acq: 1 May 2018 7:48

Instrument :

BNA_F

ClientSampleId :

042618-SIDI-E-U-M

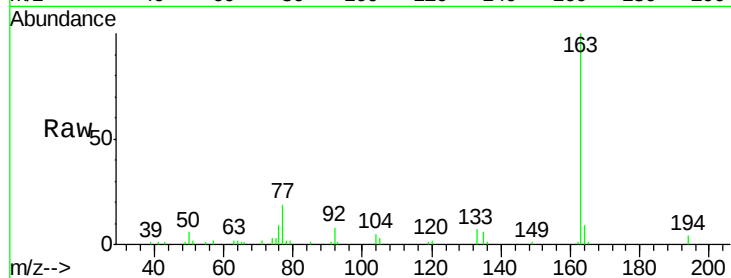
Tot Ion:163 Resp: 46944

Ion Ratio Lower Upper

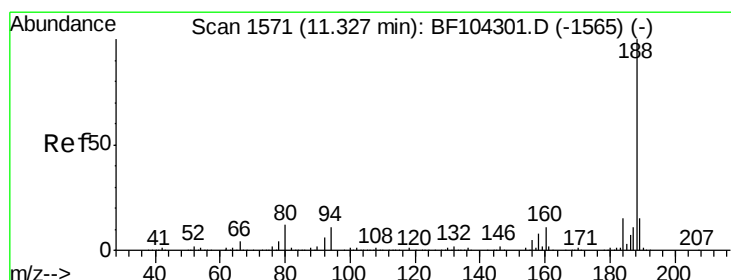
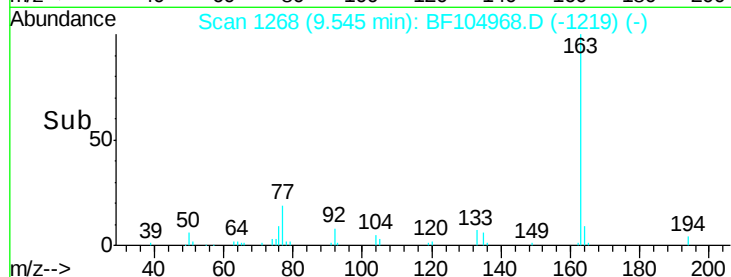
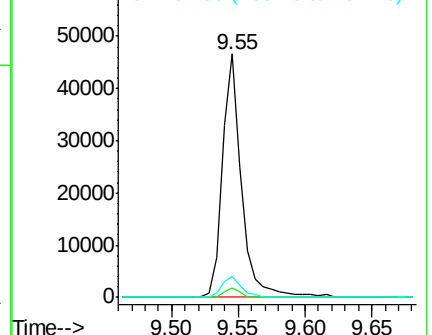
163 100

194 4.0 2.7 4.1

164 8.6 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF104968.D

Acq: 1 May 2018 7:48

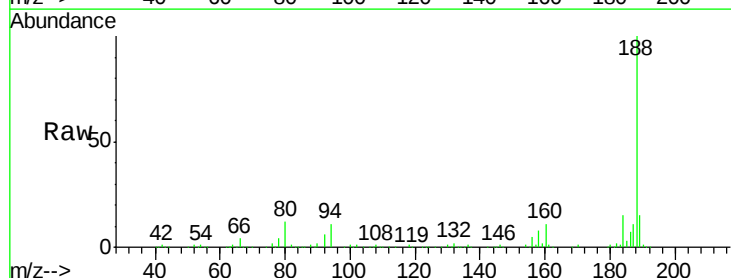
Tgt Ion:188 Resp: 321916

Ion Ratio Lower Upper

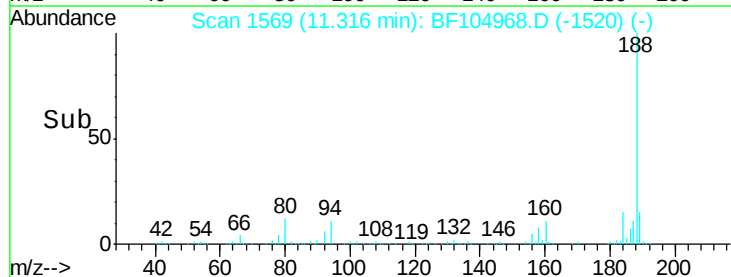
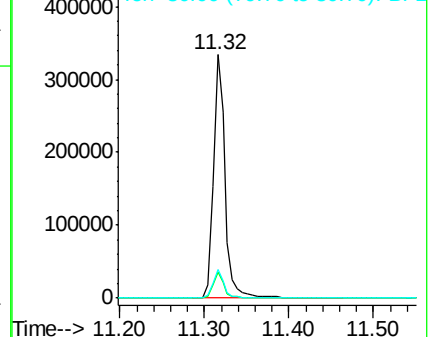
188 100

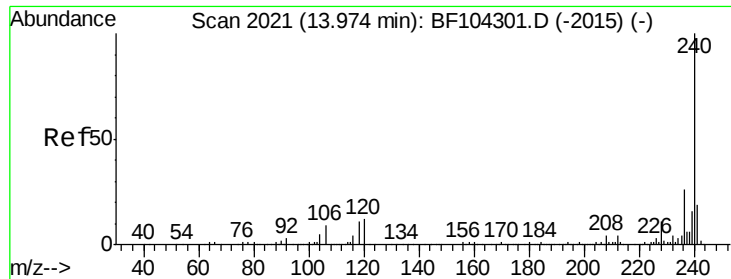
94 10.5 8.5 12.7

80 11.8 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

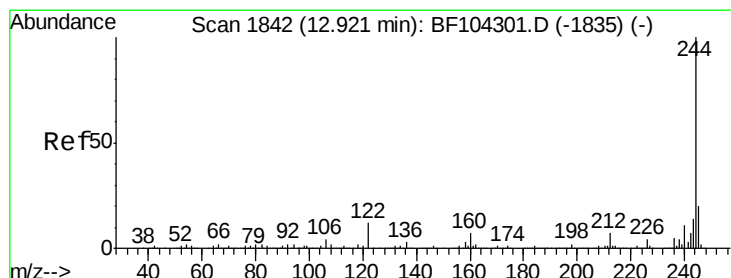
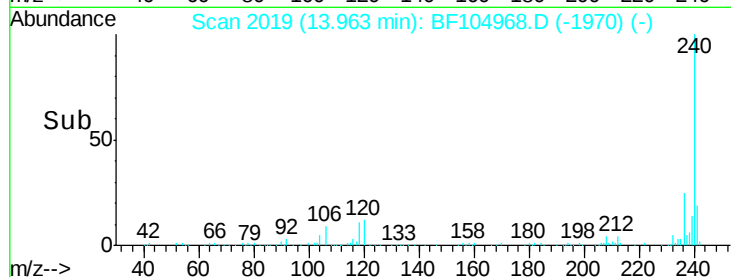
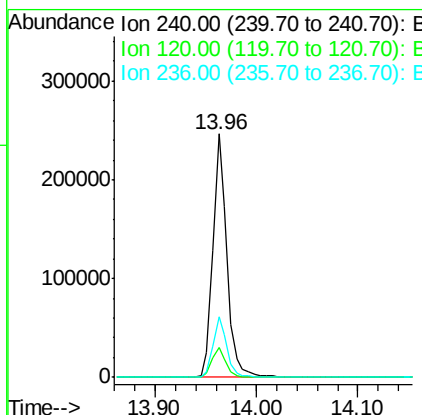
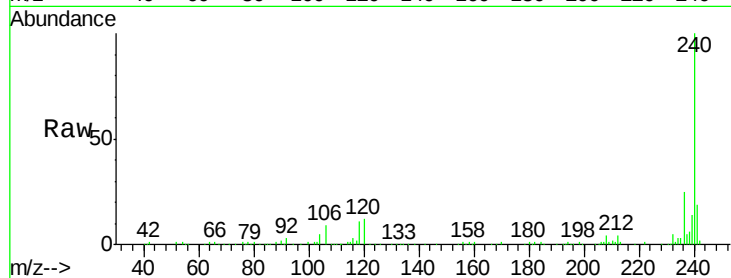




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF104968.D
Acq: 1 May 2018 7:48

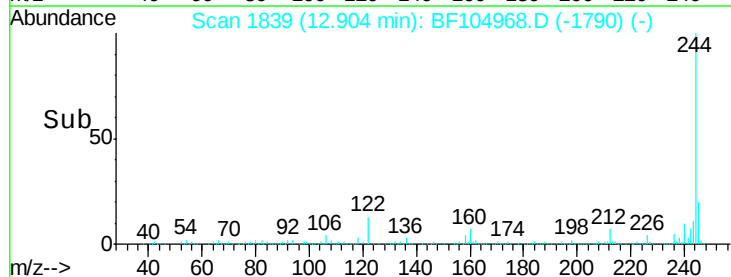
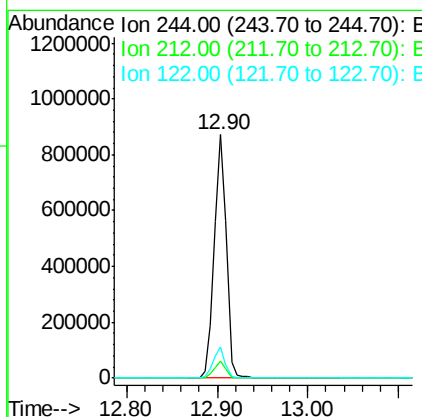
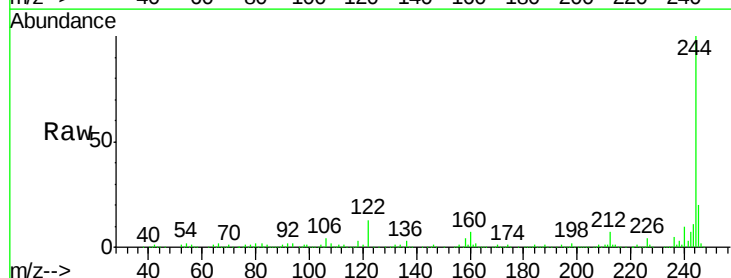
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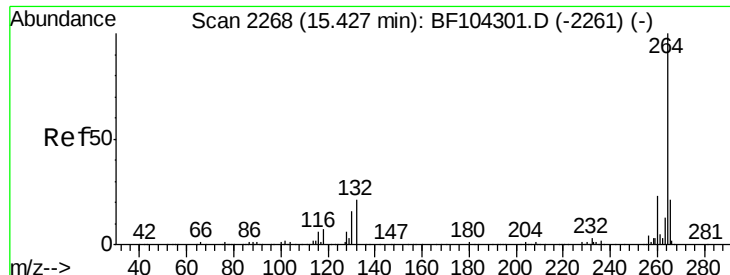
Tot Ion:240 Resp: 237417
Ion Ratio Lower Upper
240 100
120 12.5 9.5 14.3
236 24.8 20.7 31.1



#78
Terphenyl-d14
Concen: 78.207 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF104968.D
Acq: 1 May 2018 7:48

Tgt Ion:244 Resp: 814432
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 12.9 11.0 16.4

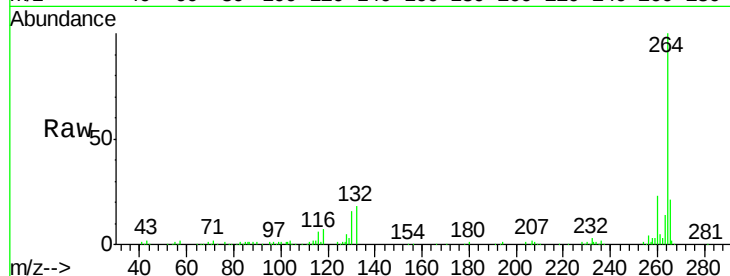




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BF104968.D
 Acq: 1 May 2018 7:48

Instrument :
 BNA_F
 ClientSampleId :
 042618-SIDI-E-U-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.0	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

