

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104969.D
 Acq On : 1 May 2018 8:15
 Operator : JU/SJ
 Sample : J2617-12
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

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

Quant Time: May 01 11:28:53 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

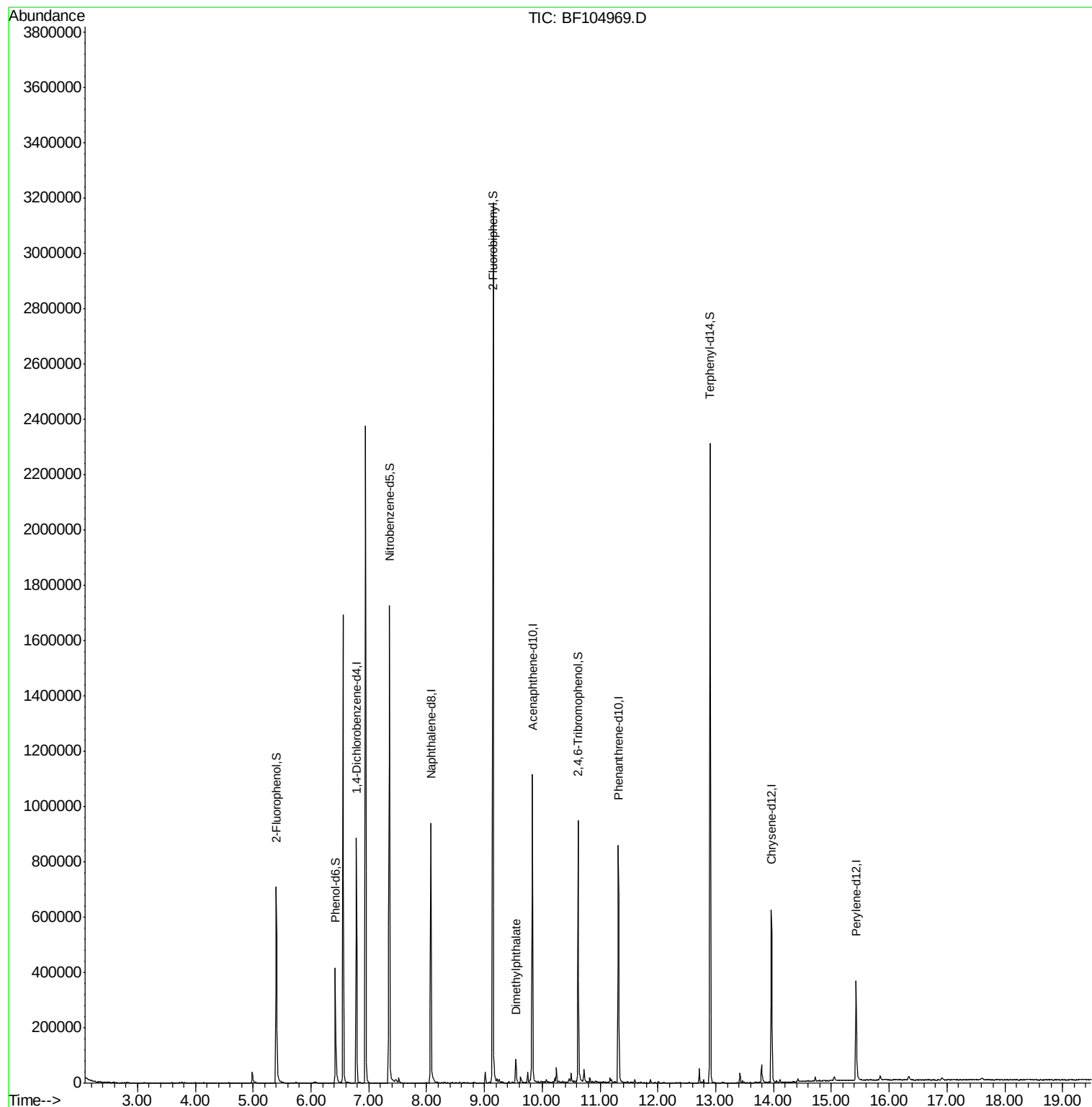
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	126825	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	514848	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	218991	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	336554	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	240015	20.00	ng	-0.01
86) Perylene-d12	15.43	264	183697	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	236372	28.50	ng	0.00
7) Phenol-d6	6.42	99	170683	16.75	ng	-0.02
23) Nitrobenzene-d5	7.36	82	630141	79.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	133433	58.74	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1099137	79.29	ng	0.00
78) Terphenyl-d14	12.90	244	817131	77.62	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.55	163	42269	2.448	ng	100

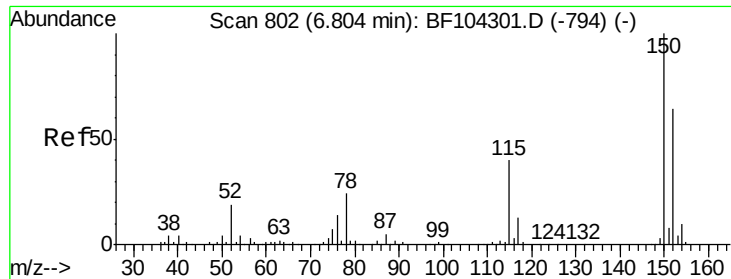
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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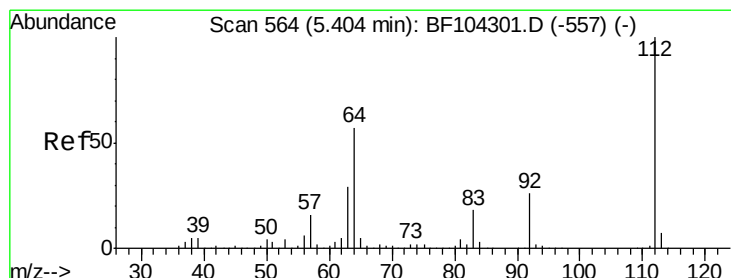
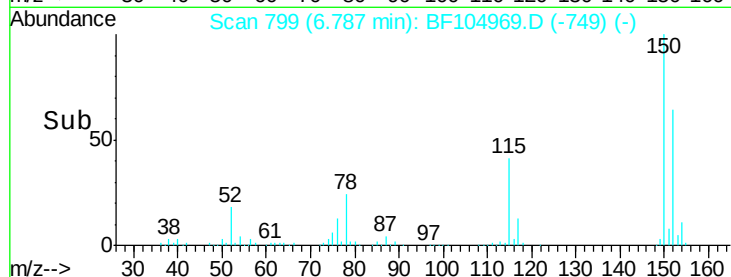
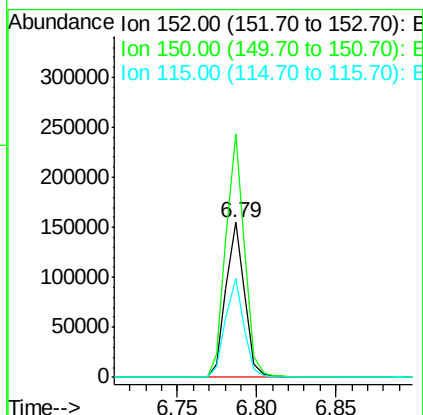
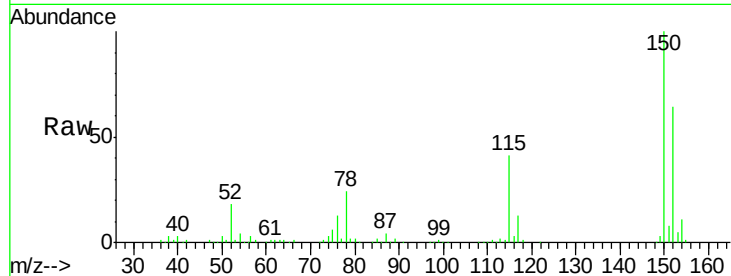


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF104969.D
Acq: 1 May 2018 8:15

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

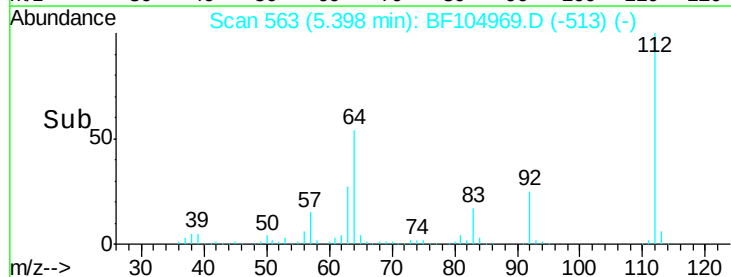
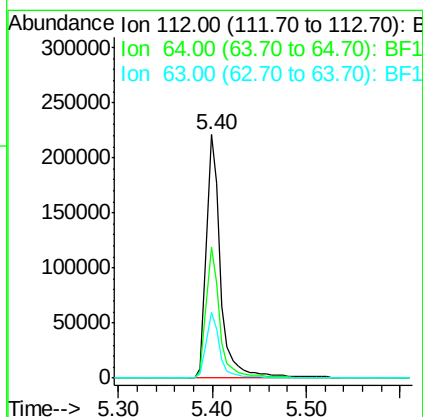
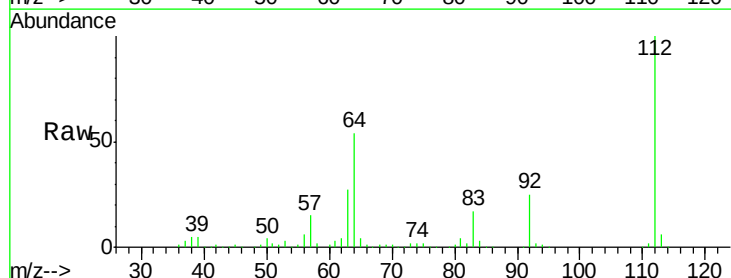
Tot Ion:152 Resp: 126825
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 63.8 50.1 75.1

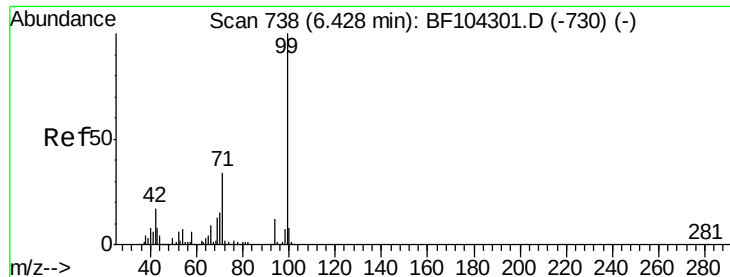


#5

2-Fluorophenol
Concen: 28.498 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF104969.D
Acq: 1 May 2018 8:15

Tgt Ion:112 Resp: 236372
Ion Ratio Lower Upper
112 100
64 53.7 47.9 71.9
63 27.2 23.7 35.5





#7

Phenol-d6

Concen: 16.748 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF104969.D

Acq: 1 May 2018 8:15

Instrument :

BNA_F

ClientSampleId :

042618-SIDI-E-U-S

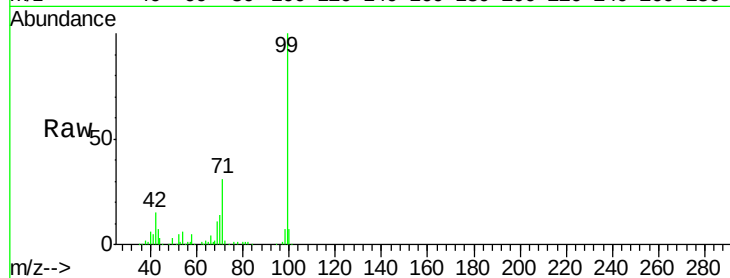
Tot Ion: 99 Resp: 170683

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

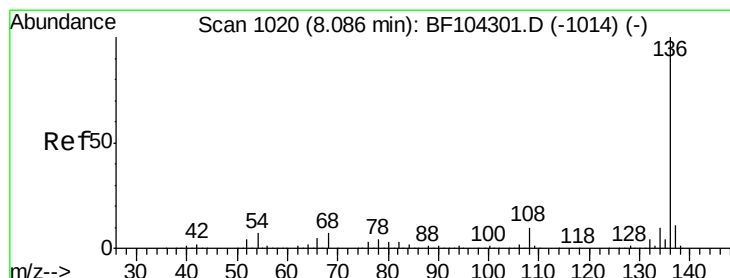
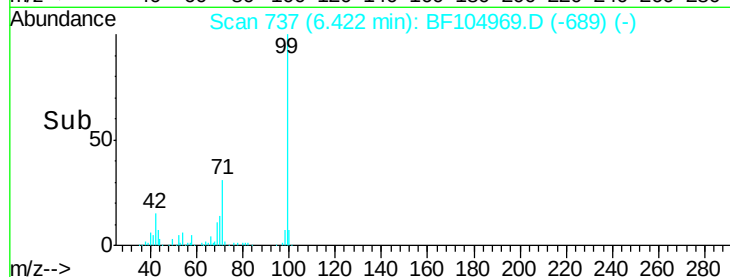
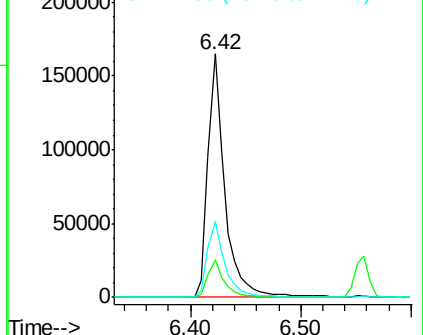
71 31.2 25.4 38.0



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: BF104969.D

Acq: 1 May 2018 8:15

Tgt Ion: 136 Resp: 514848

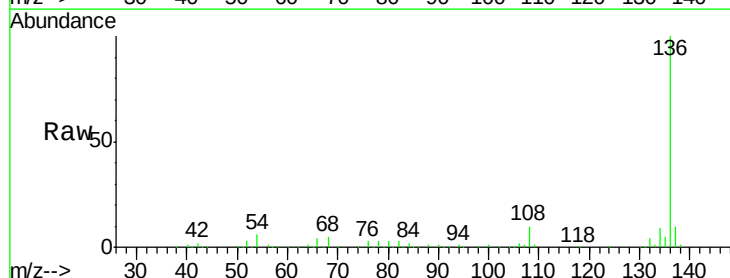
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 6.0 6.6 9.8#

68 5.3 5.0 7.4

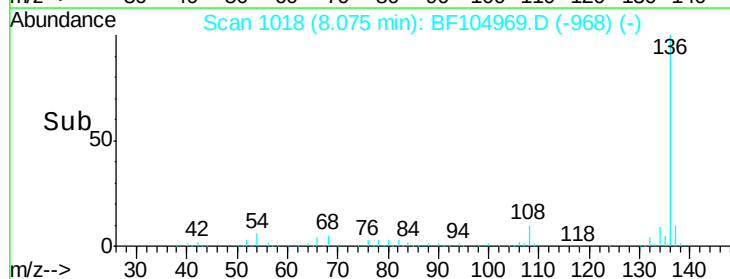
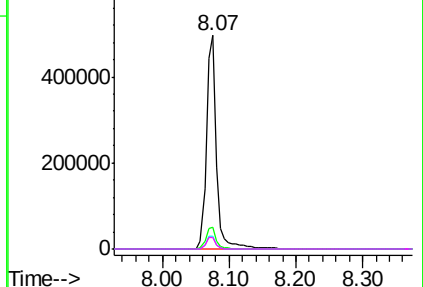


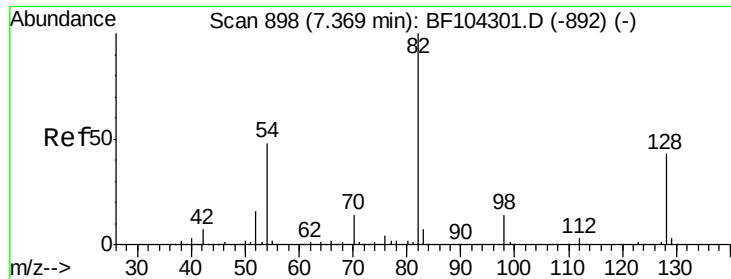
Abundance Ion 136.00 (135.70 to 136.70): E

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

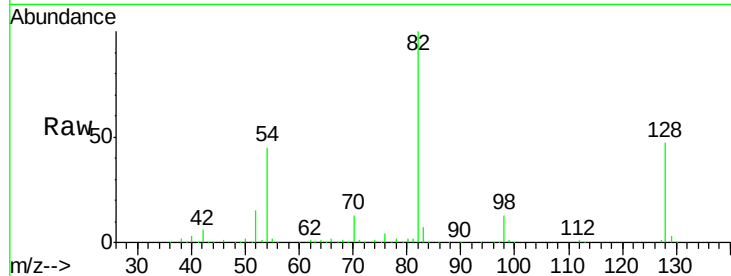




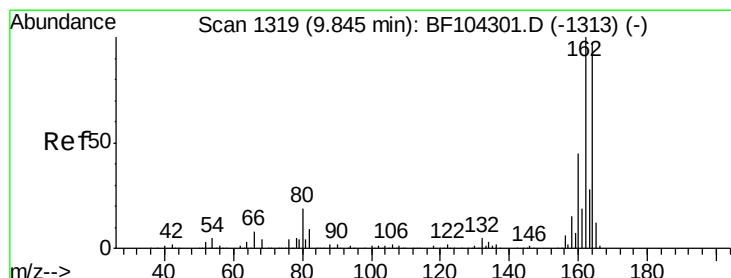
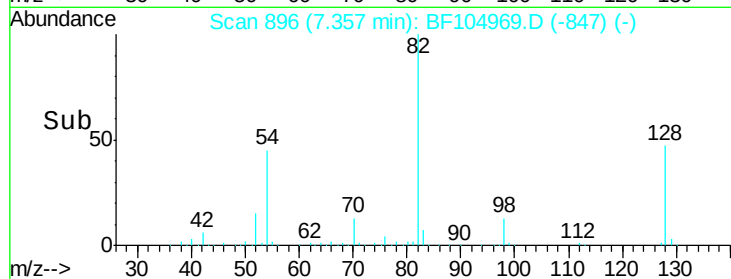
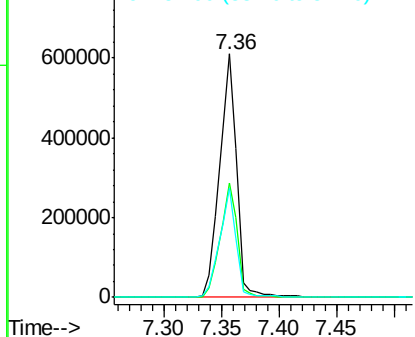
#23
 Nitrobenzene-d5
 Concen: 79.921 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF104969.D
 Acq: 1 May 2018 8:15

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

Tot Ion: 82 Resp: 630141
 Ion Ratio Lower Upper
 82 100
 128 47.1 36.1 54.1
 54 45.0 41.4 62.2

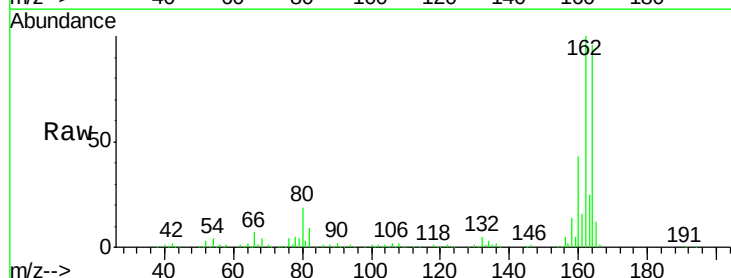


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

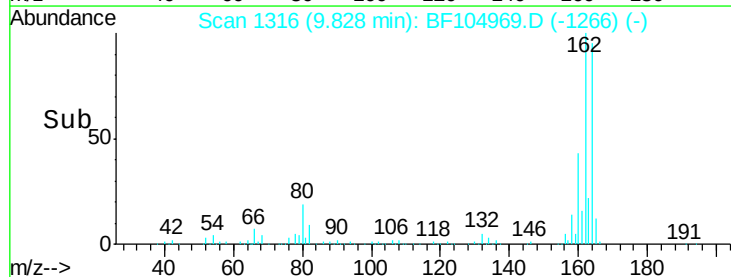
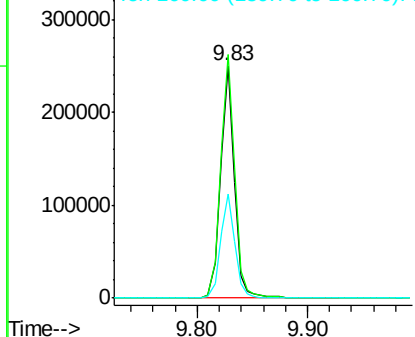


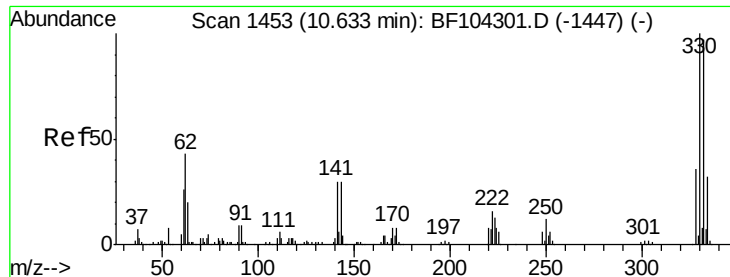
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF104969.D
 Acq: 1 May 2018 8:15

Tgt Ion: 164 Resp: 218991
 Ion Ratio Lower Upper
 164 100
 162 104.7 86.1 129.1
 160 44.5 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: 58.738 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF104969.D

Acq: 1 May 2018 8:15

Instrument :

BNA_F

ClientSampleId :

042618-SIDI-E-U-S

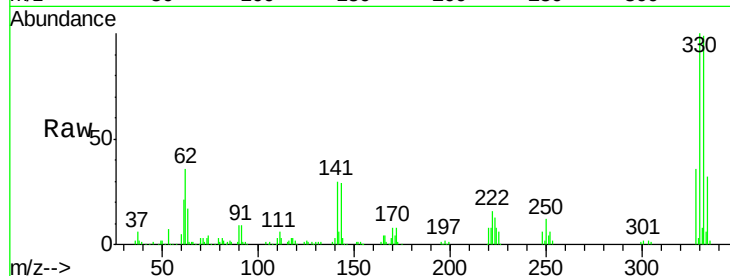
Tot Ion:330 Resp: 133433

Ion Ratio Lower Upper

330 100

332 97.7 77.0 115.6

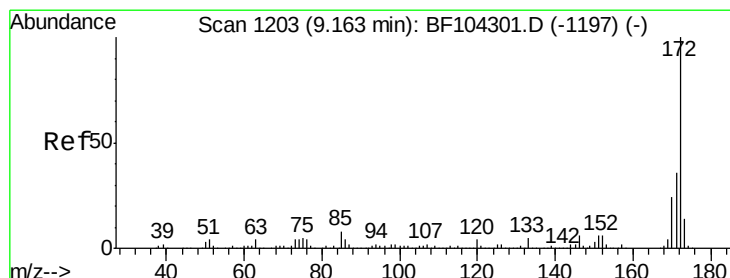
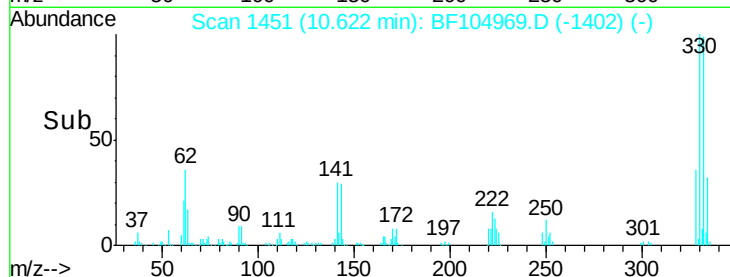
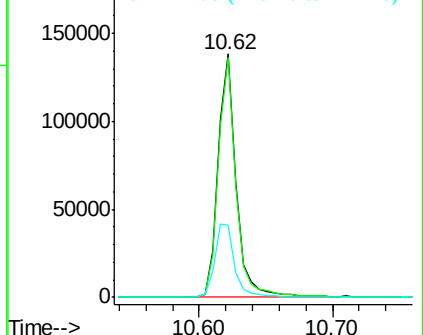
141 33.4 29.9 44.9



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: 79.289 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF104969.D

Acq: 1 May 2018 8:15

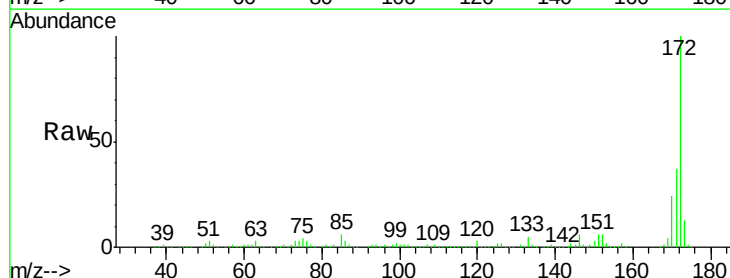
Tgt Ion:172 Resp: 1099137

Ion Ratio Lower Upper

172 100

171 37.1 29.7 44.5

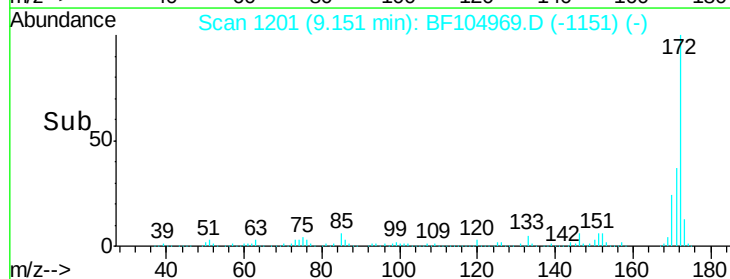
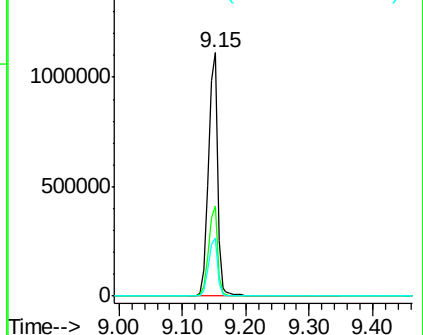
170 24.0 19.6 29.4

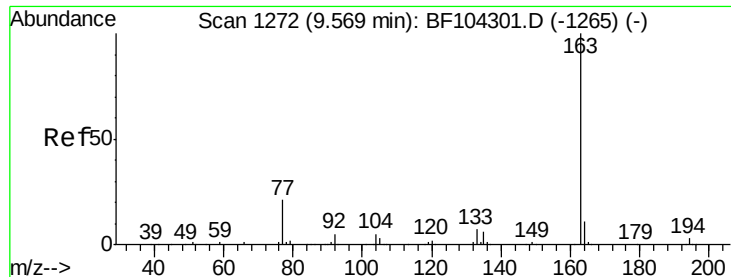


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.448 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF104969.D

Acq: 1 May 2018 8:15

Instrument :

BNA_F

ClientSampleId :

042618-SIDI-E-U-S

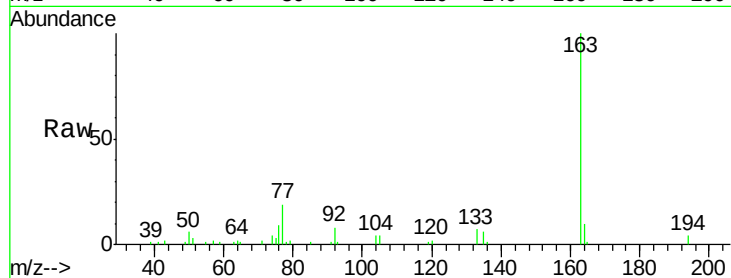
Tot Ion:163 Resp: 42269

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

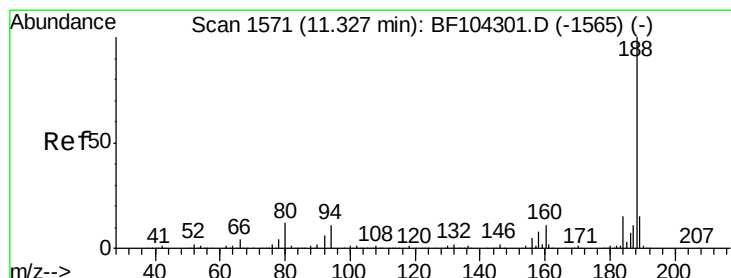
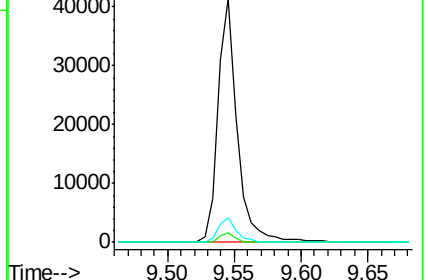
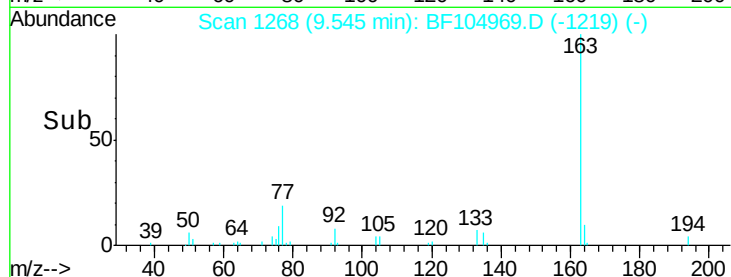
164 10.2 8.2 12.2



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: BF104969.D

Acq: 1 May 2018 8:15

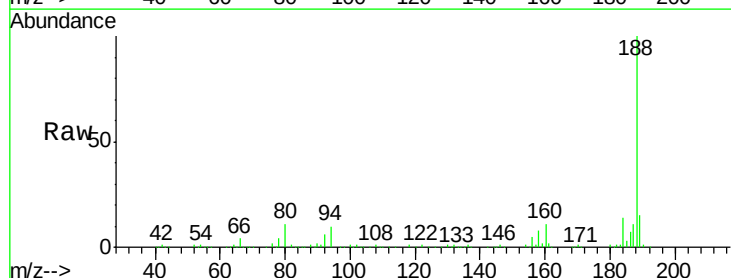
Tgt Ion:188 Resp: 336554

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

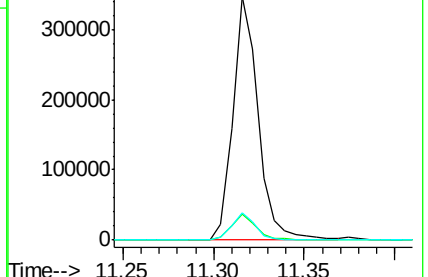
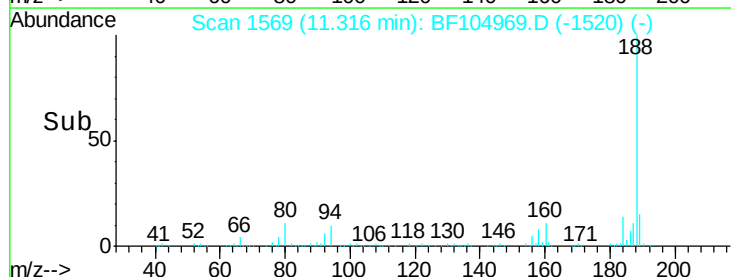
80 11.0 9.2 13.8

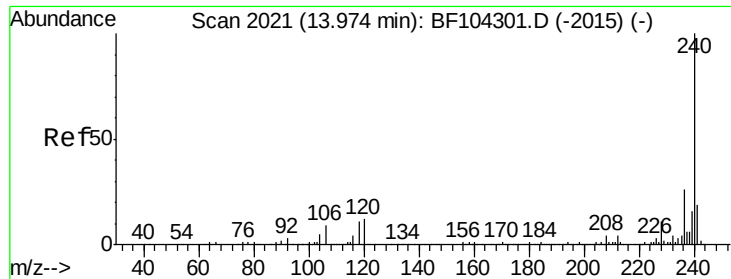


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

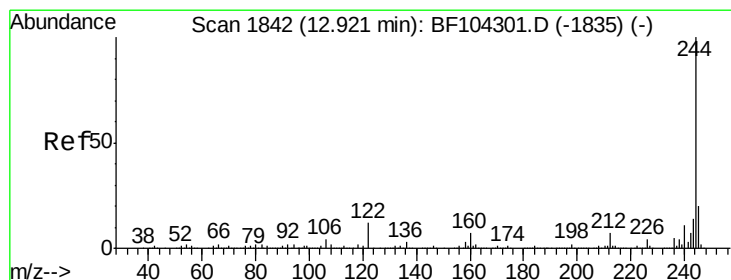
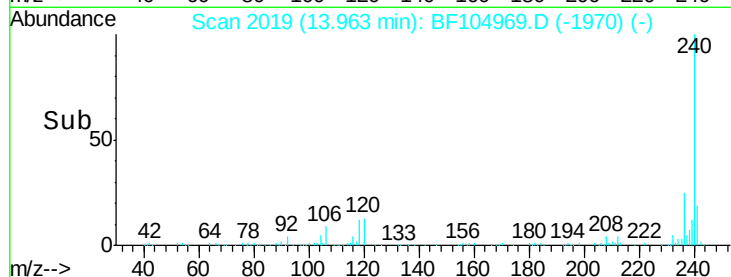
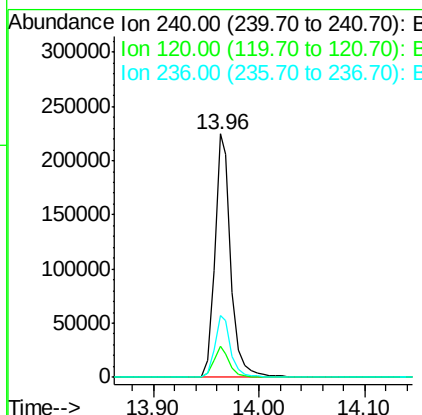
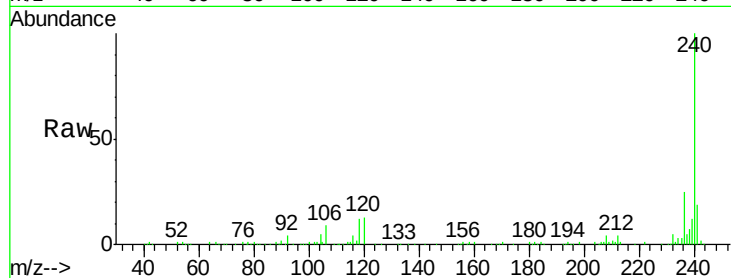




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF104969.D
Acq: 1 May 2018 8:15

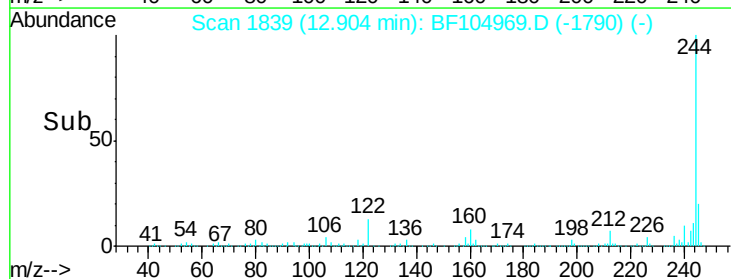
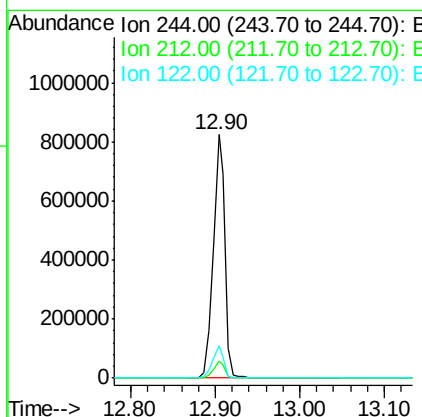
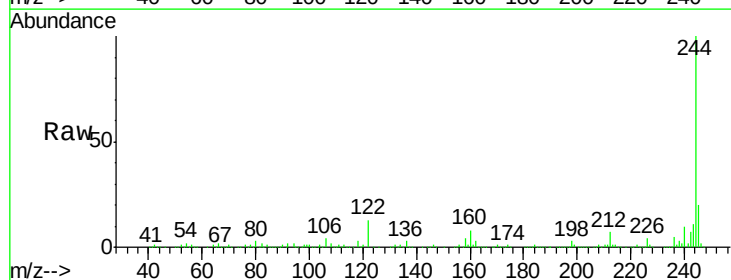
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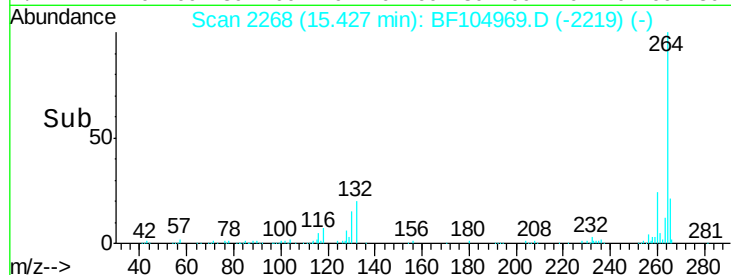
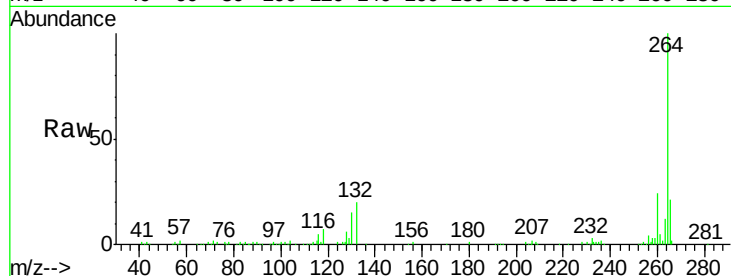
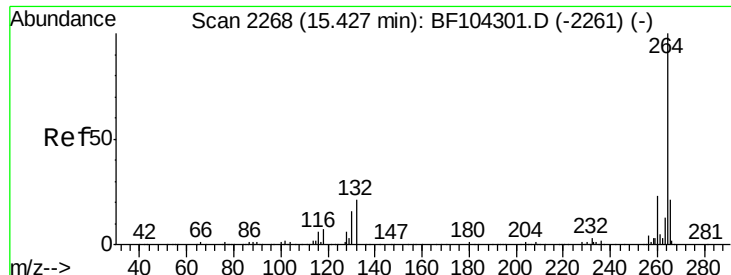
Tot Ion:240 Resp: 240015
Ion Ratio Lower Upper
240 100
120 13.0 9.5 14.3
236 25.4 20.7 31.1



#78
Terphenyl-d14
Concen: 77.617 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF104969.D
Acq: 1 May 2018 8:15

Tgt Ion:244 Resp: 817131
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 13.2 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: BF104969.D
 Acq: 1 May 2018 8:15

Instrument :
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 042618-SIDI-E-U-S

Tot Ion:	264	Resp:	183697
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.2	17.5	26.3

