

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF105013.D
 Acq On : 2 May 2018 6:00
 Operator : JU/SJ
 Sample : J2645-06
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 042718-SIDI-E-U-S

Quant Time: May 02 08:10:28 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 16:13:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	114719	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	484050	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	220381	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	362064	20.00	ng	0.00
75) Chrysene-d12	14.00	240	246199	20.00	ng	0.03
86) Perylene-d12	15.54	264	216309	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	302013	40.25	ng	0.00
7) Phenol-d6	6.42	99	235937	25.59	ng	-0.01
23) Nitrobenzene-d5	7.36	82	663565	89.51	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	175964	76.97	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1177806	84.43	ng	0.00
78) Terphenyl-d14	12.91	244	968415	89.68	ng	0.00

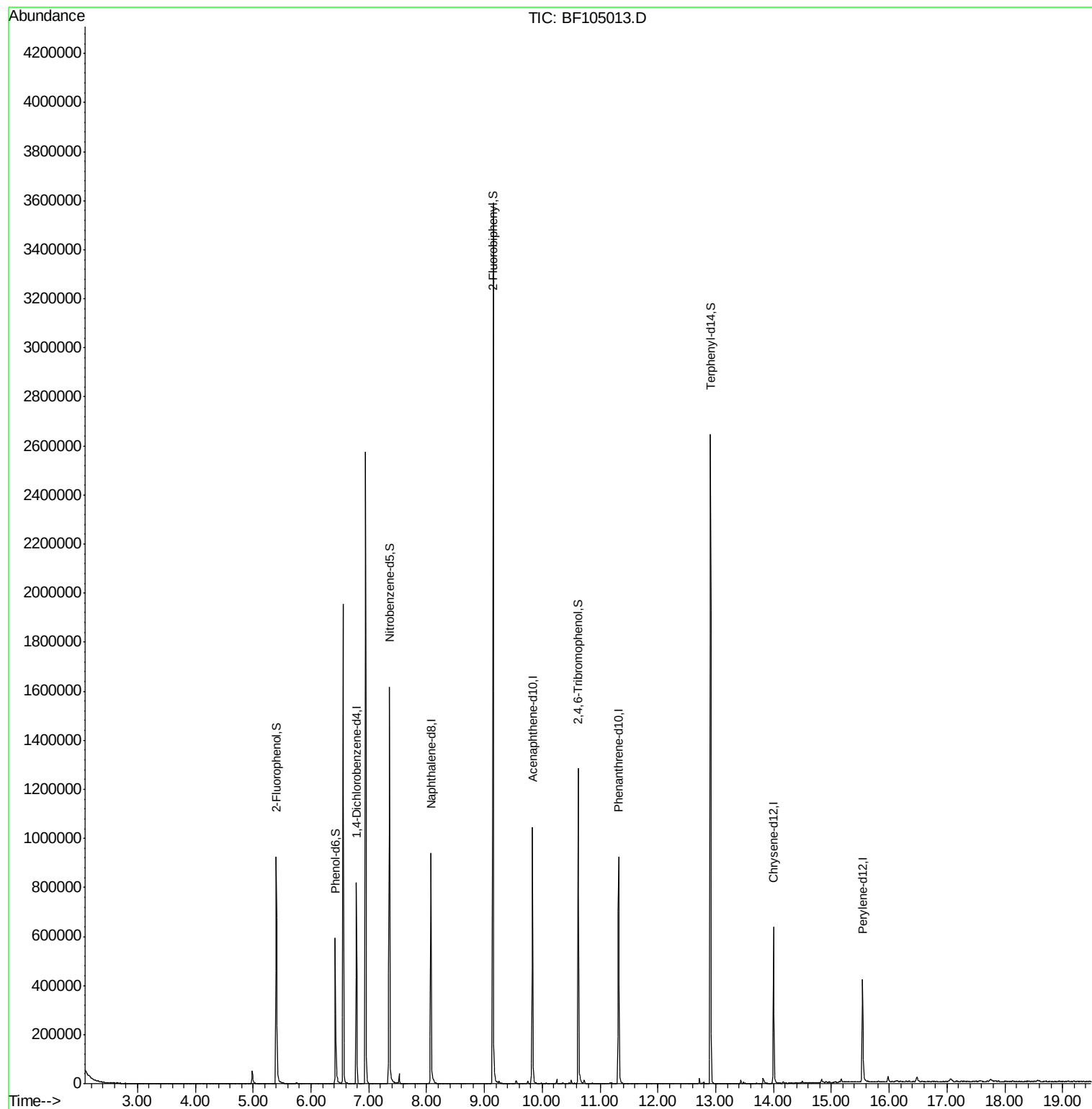
Target Compounds	Qvalue
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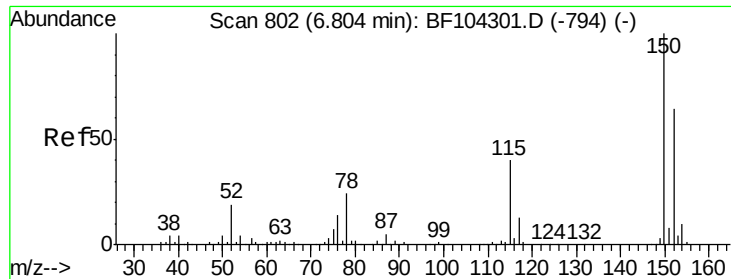
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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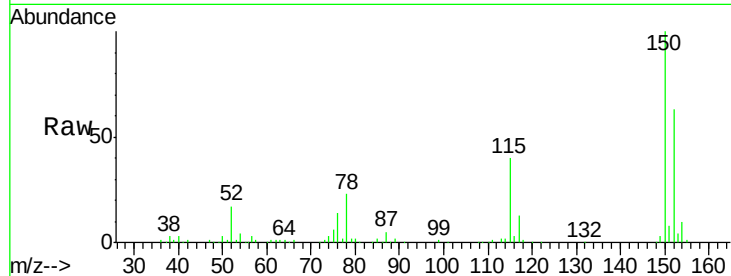


#1

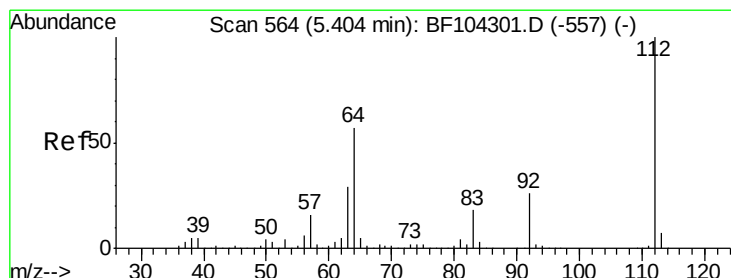
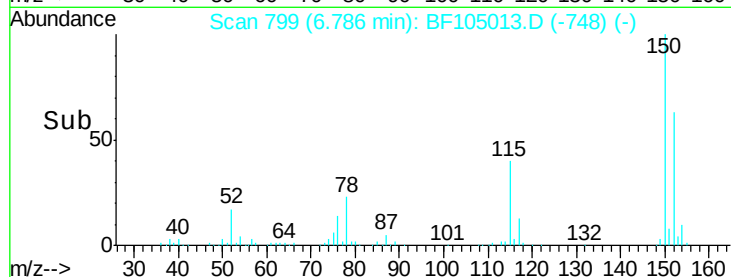
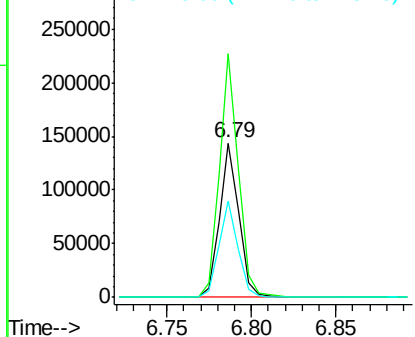
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF105013.D
Acq: 2 May 2018 6:00

Instrument :
BNA_F
ClientSampleId :
042718-SIDI-E-U-S

Tgt Ion:152 Resp: 114719
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 62.9 50.1 75.1



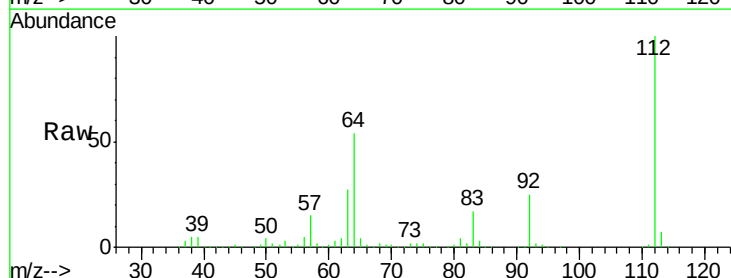
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



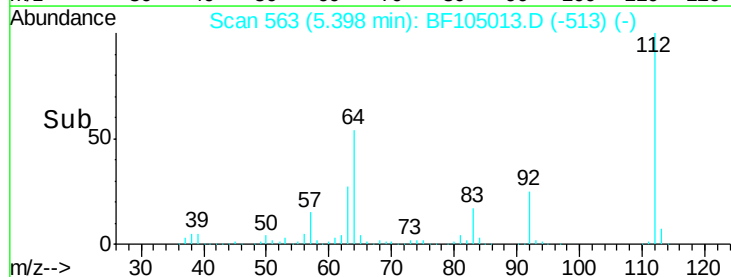
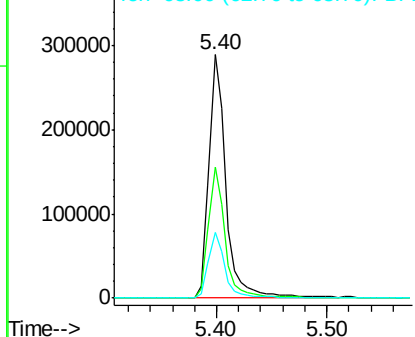
#5

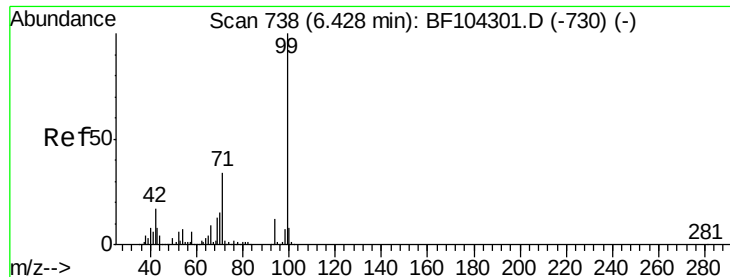
2-Fluorophenol
Concen: 40.254 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF105013.D
Acq: 2 May 2018 6:00

Tgt Ion:112 Resp: 302013
Ion Ratio Lower Upper
112 100
64 53.7 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: 25.595 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF105013.D

Acq: 2 May 2018 6:00

Instrument :

BNA_F

ClientSampleId :

042718-SIDI-E-U-S

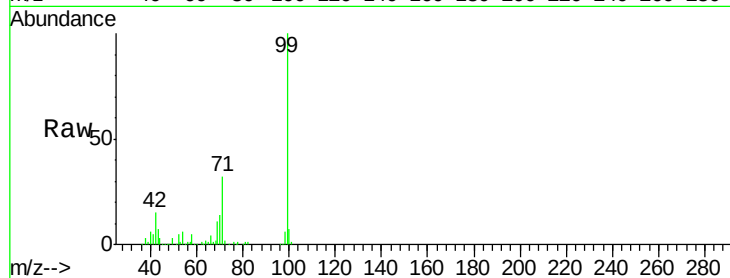
Tgt Ion: 99 Resp: 235937

Ion Ratio Lower Upper

99 100

42 14.8 14.5 21.7

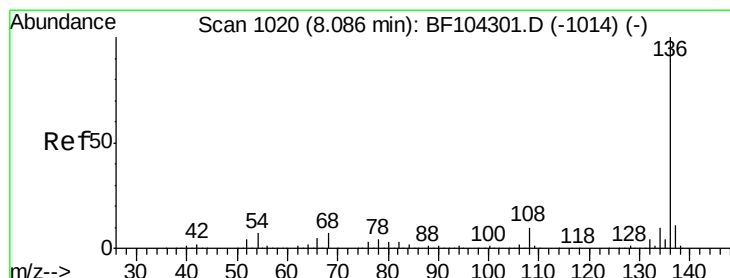
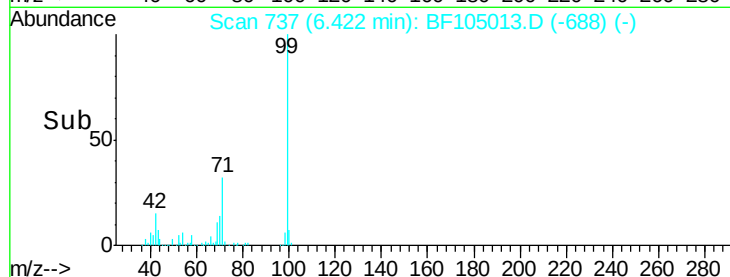
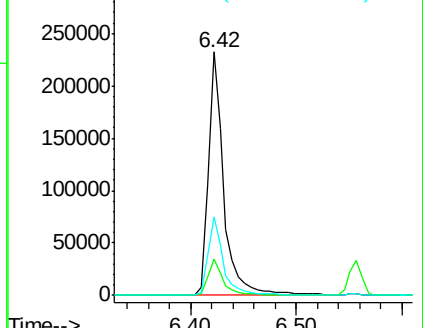
71 32.2 25.4 38.0



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. -0.00 min

Lab File: BF105013.D

Acq: 2 May 2018 6:00

Tgt Ion: 136 Resp: 484050

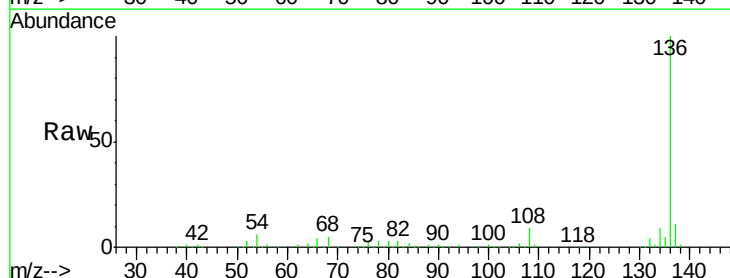
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 5.8 6.6 9.8#

68 5.1 5.0 7.4

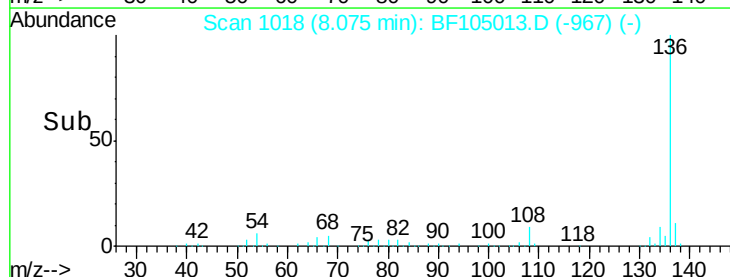
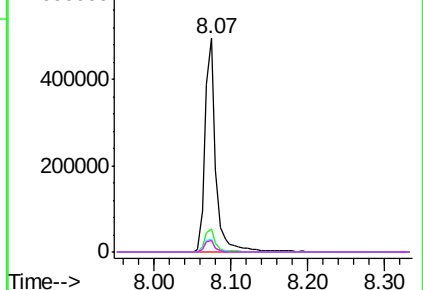


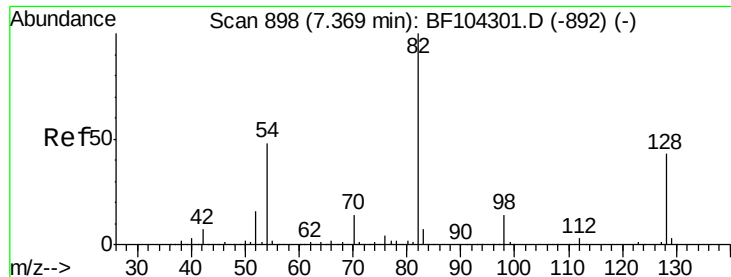
Abundance Ion 136.00 (135.70 to 136.70): E

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

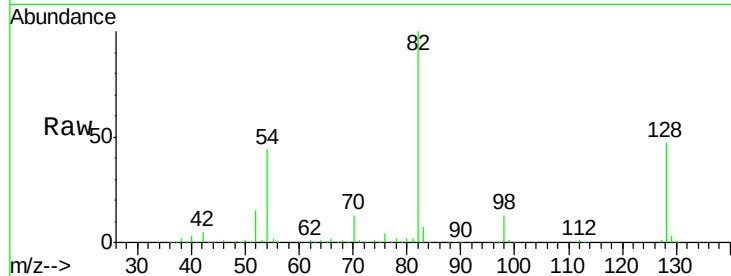




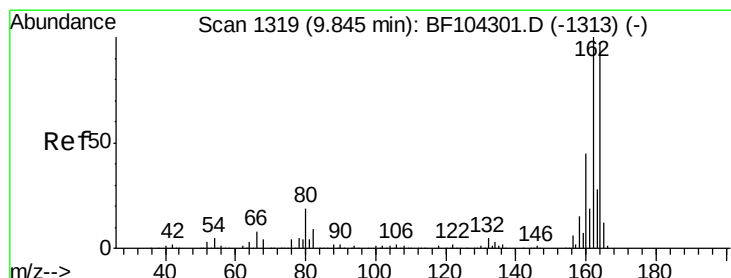
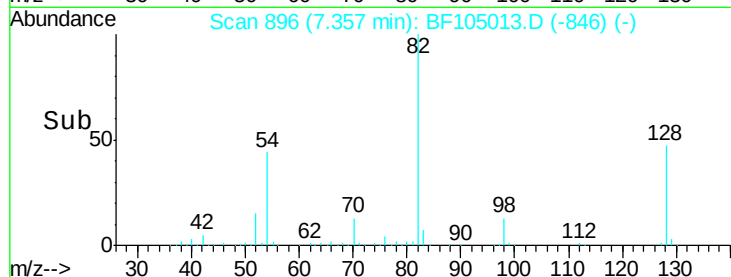
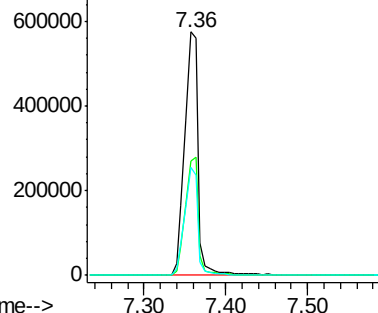
#23
Nitrobenzene-d5
Concen: 89.515 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105013.D
Acq: 2 May 2018 6:00

Instrument :
BNA_F
ClientSampleId :
042718-SIDI-E-U-S

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.1	54.1
54	44.2	41.4	62.2

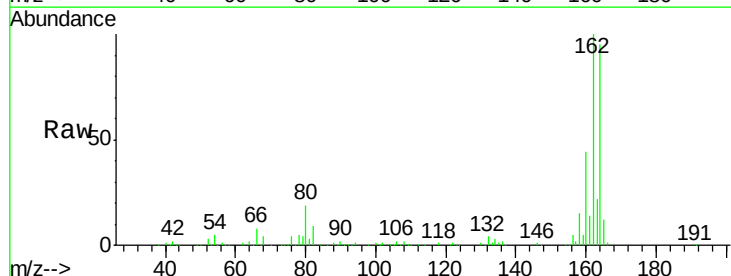


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

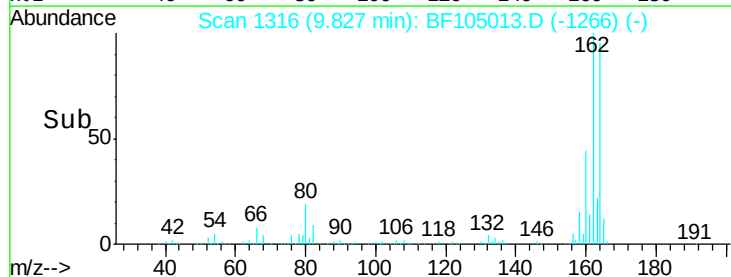
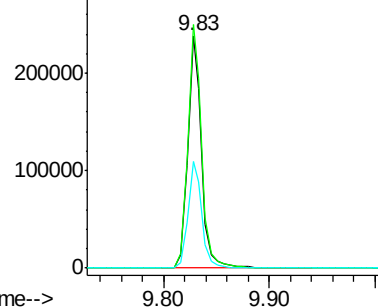


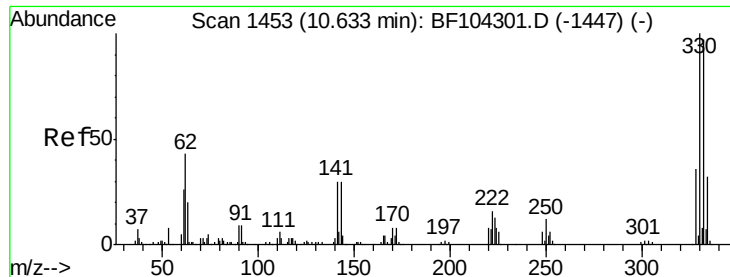
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105013.D
Acq: 2 May 2018 6:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	45.7	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

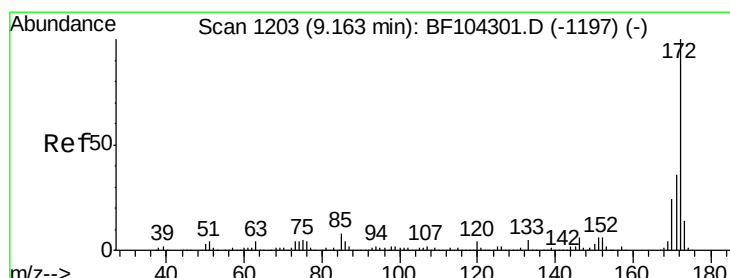
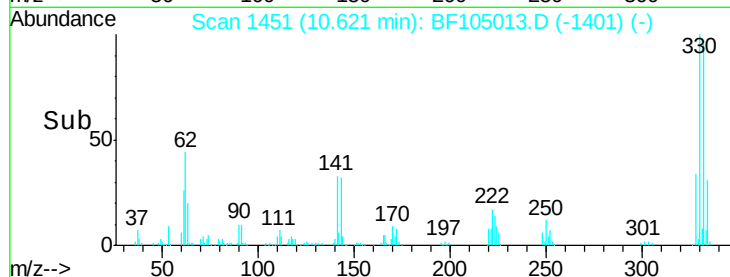
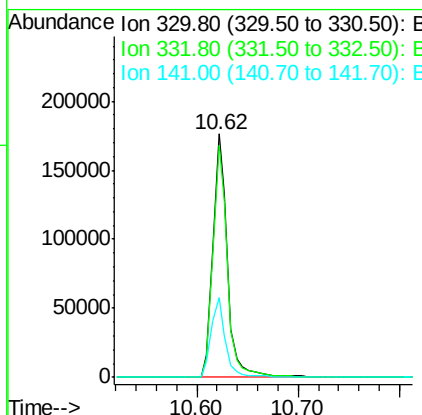
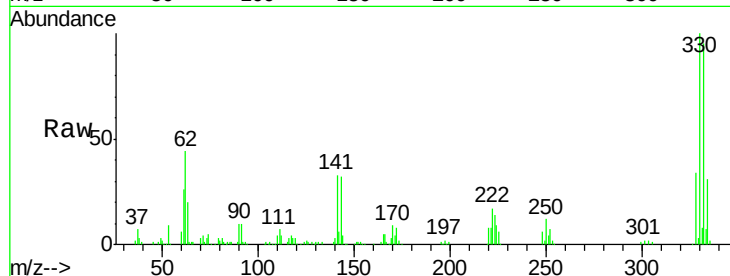




#41
 2,4,6-Tribromophenol
 Concen: 76.972 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF105013.D
 Acq: 2 May 2018 6:00

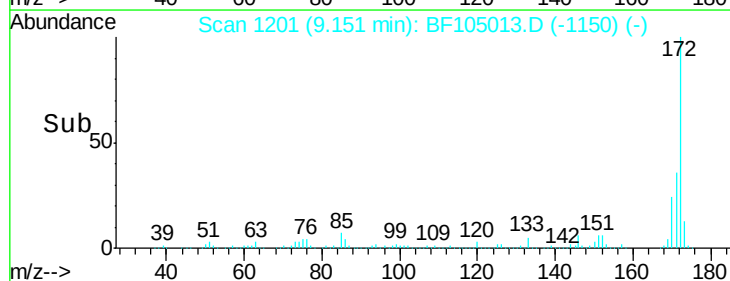
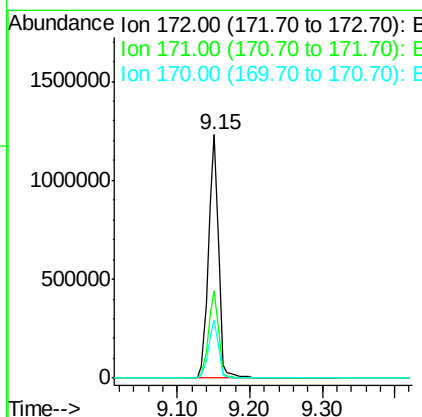
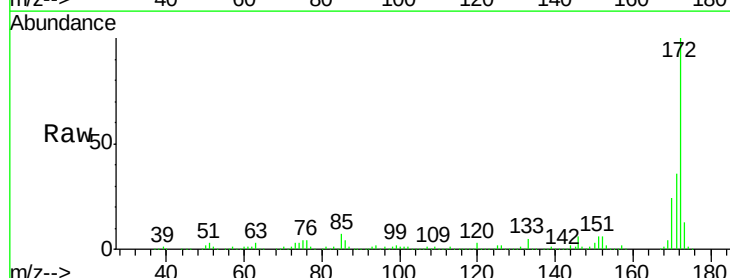
Instrument :
 BNA_F
 ClientSampleId :
 042718-SIDI-E-U-S

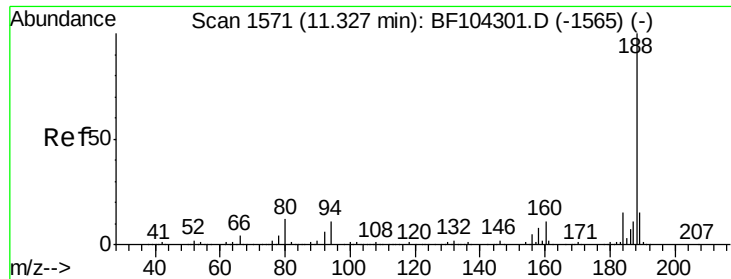
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	32.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 84.428 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF105013.D
 Acq: 2 May 2018 6:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.0	19.6	29.4

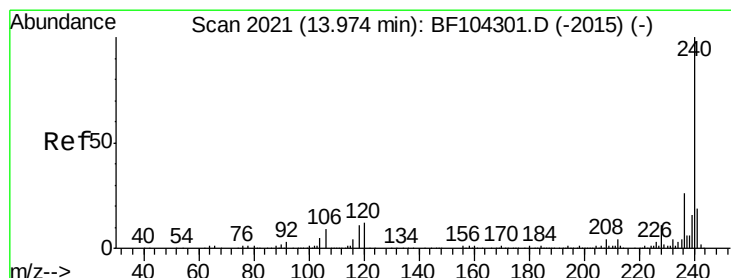
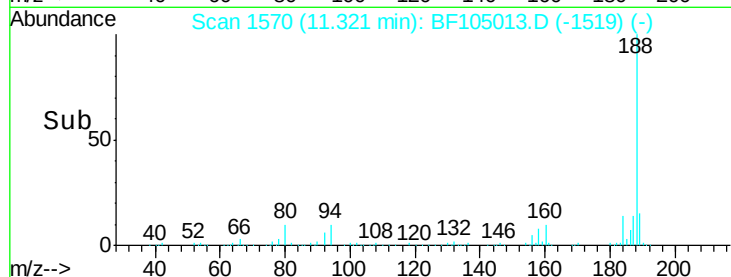
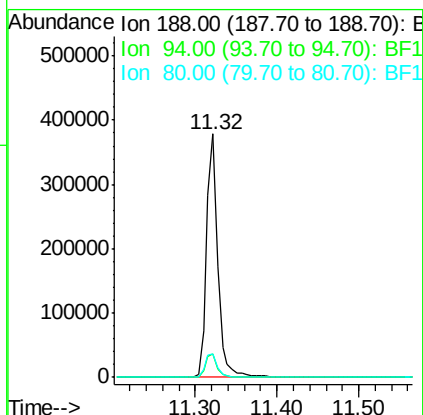
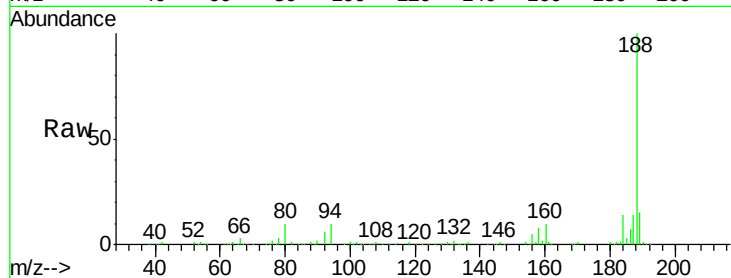




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF105013.D
Acq: 2 May 2018 6:00

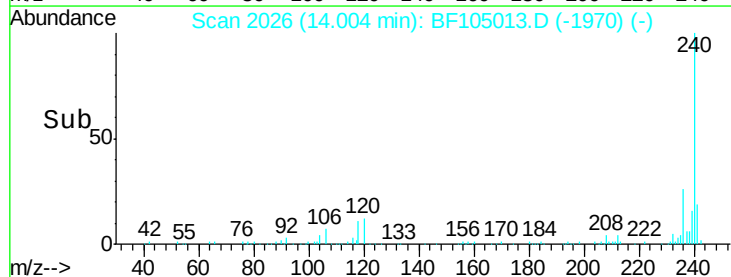
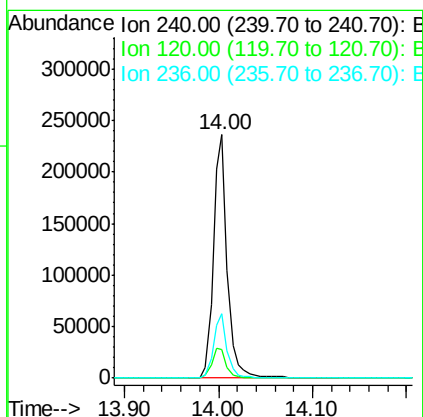
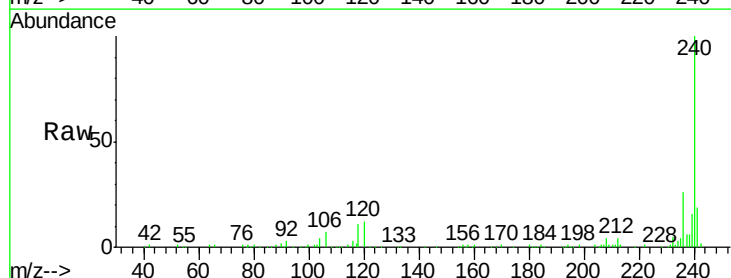
Instrument :
BNA_F
ClientSampleId :
042718-SIDI-E-U-S

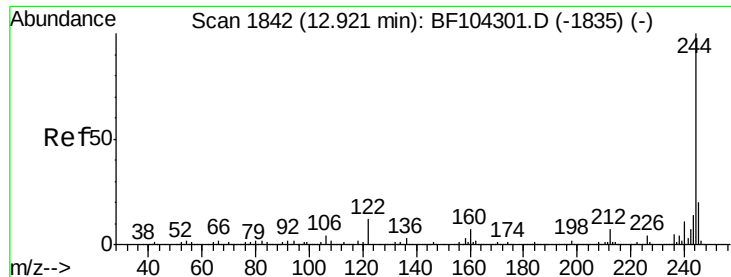
Tgt Ion:188 Resp: 362064
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 9.8 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.03 min
Lab File: BF105013.D
Acq: 2 May 2018 6:00

Tgt Ion:240 Resp: 246199
Ion Ratio Lower Upper
240 100
120 11.7 9.5 14.3
236 26.3 20.7 31.1





#78

Terphenyl-d14

Concen: 89.676 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF105013.D

Acq: 2 May 2018 6:00

Instrument :

BNA_F

ClientSampleId :

042718-SIDI-E-U-S

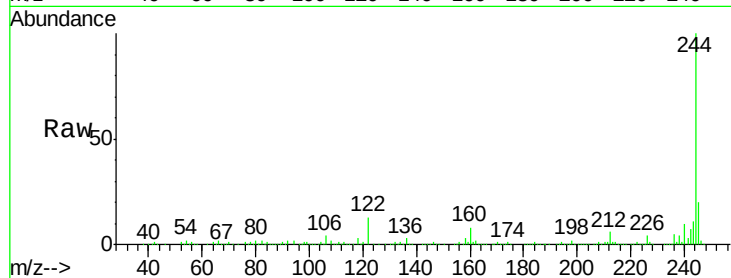
Tgt Ion:244 Resp: 968415

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

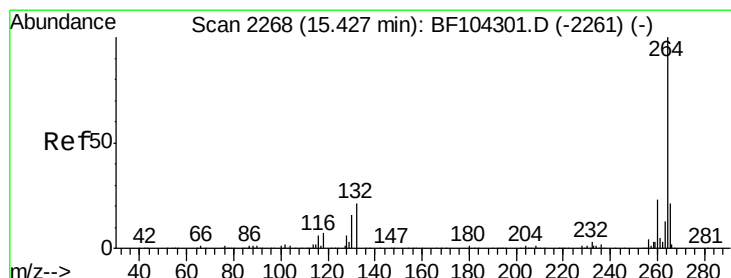
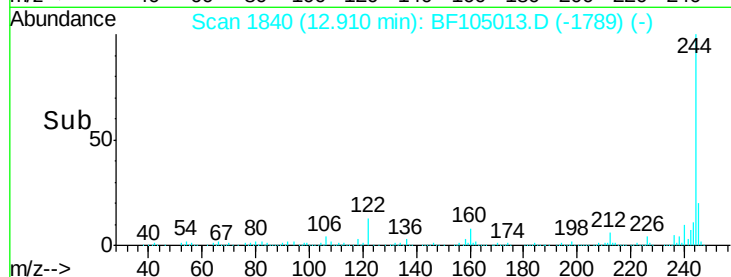
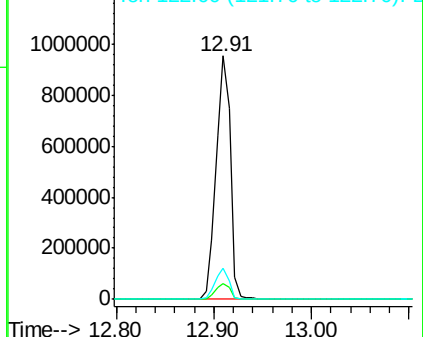
122 12.5 11.0 16.4



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: 15.54 min Scan# 2287

Delta R.T. 0.11 min

Lab File: BF105013.D

Acq: 2 May 2018 6:00

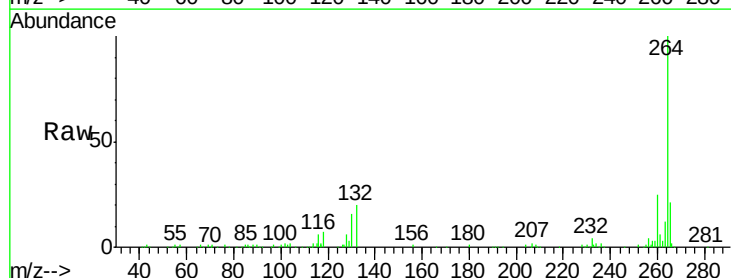
Tgt Ion:264 Resp: 216309

Ion Ratio Lower Upper

264 100

260 24.7 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

