

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF105008.D
 Acq On : 2 May 2018 3:46
 Operator : JU/SJ
 Sample : J2645-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 042718-SIDI-E-D-B

Quant Time: May 02 08:01:21 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	115787	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	493139	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	225804	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	375919	20.00	ng	0.00
75) Chrysene-d12	14.00	240	249184	20.00	ng	0.03
86) Perylene-d12	15.54	264	224758	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	302374	39.93	ng	0.00
7) Phenol-d6	6.42	99	233616	25.11	ng	-0.01
23) Nitrobenzene-d5	7.36	82	670522	88.79	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	182158	77.77	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1198203	83.83	ng	0.00
78) Terphenyl-d14	12.92	244	995680	91.10	ng	0.00

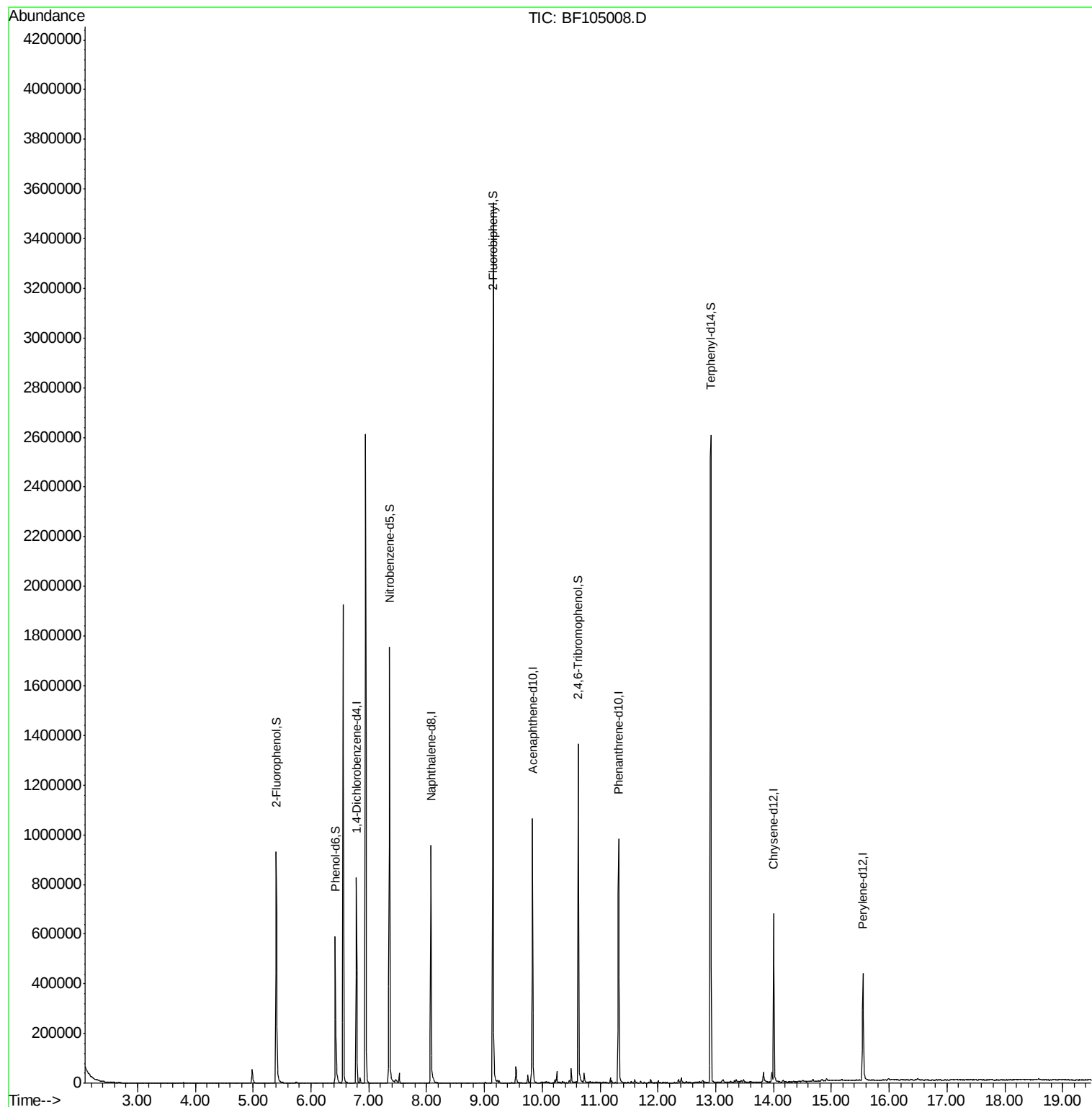
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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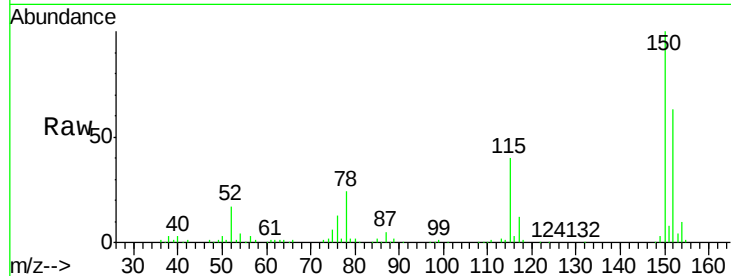


#1

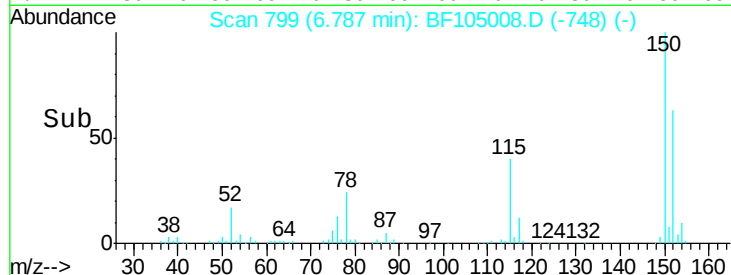
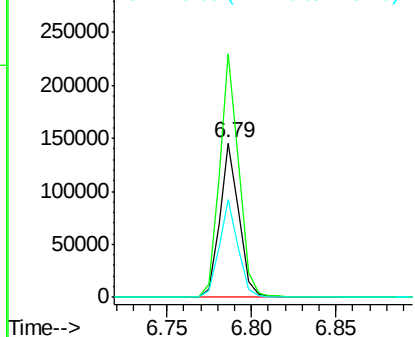
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF105008.D
Acq: 2 May 2018 3:46

Instrument :
BNA_F
ClientSampleId :
042718-SIDI-E-D-B

Tgt Ion:152 Resp: 115787
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 62.9 50.1 75.1



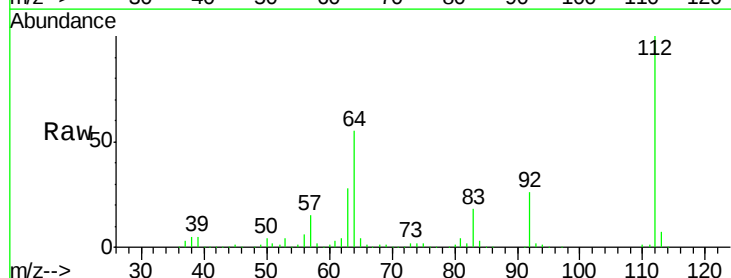
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



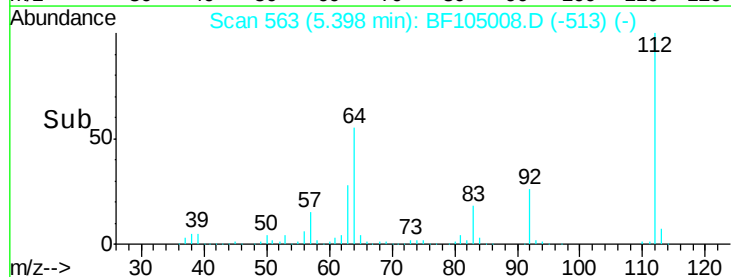
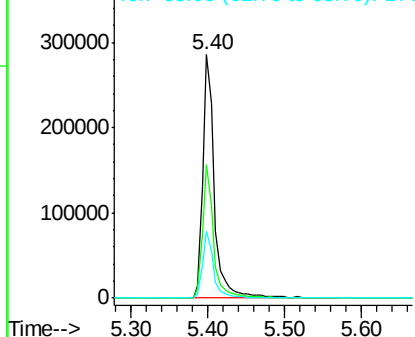
#5

2-Fluorophenol
Concen: 39.931 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF105008.D
Acq: 2 May 2018 3:46

Tgt Ion:112 Resp: 302374
Ion Ratio Lower Upper
112 100
64 54.7 47.9 71.9
63 27.7 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: 25.109 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF105008.D

Acq: 2 May 2018 3:46

Instrument :

BNA_F

ClientSampleId :

042718-SIDI-E-D-B

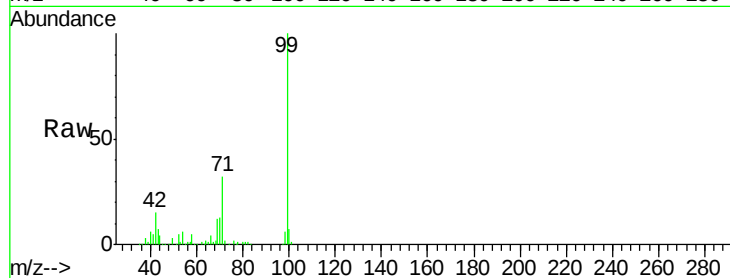
Tgt Ion: 99 Resp: 233616

Ion Ratio Lower Upper

99 100

42 14.6 14.5 21.7

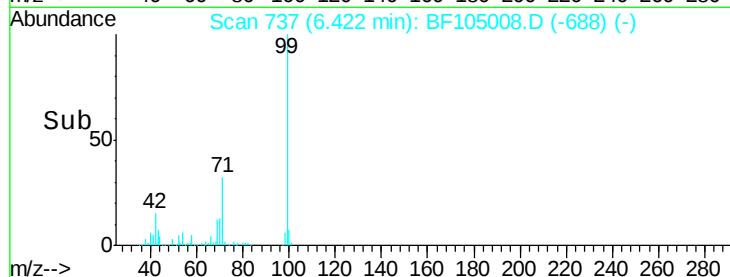
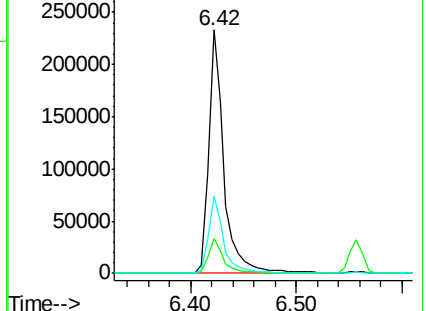
71 31.9 25.4 38.0



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: BF105008.D

Acq: 2 May 2018 3:46

Tgt Ion: 136 Resp: 493139

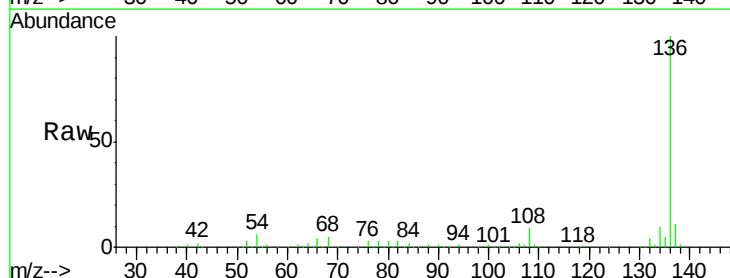
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 5.8 6.6 9.8#

68 5.3 5.0 7.4

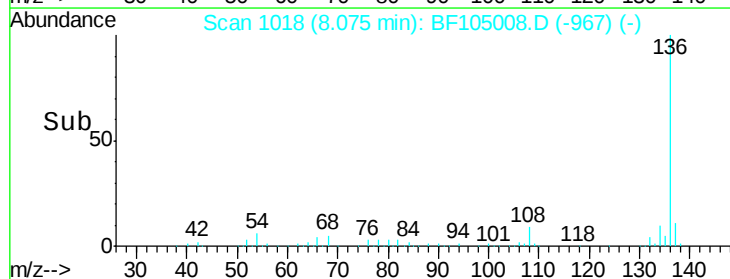
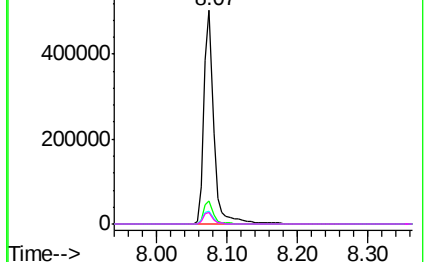


Abundance Ion 136.00 (135.70 to 136.70): E

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

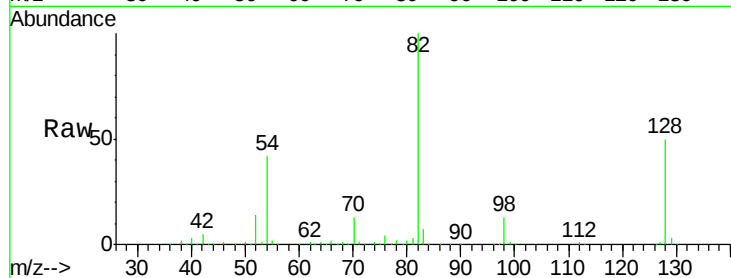




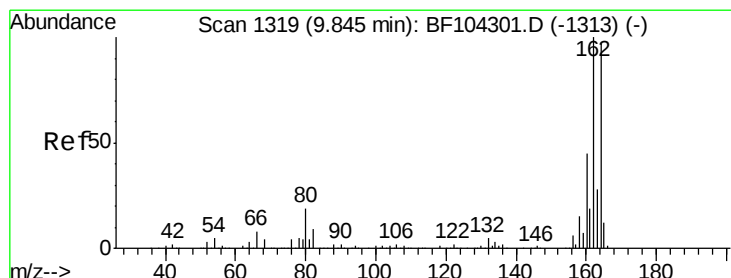
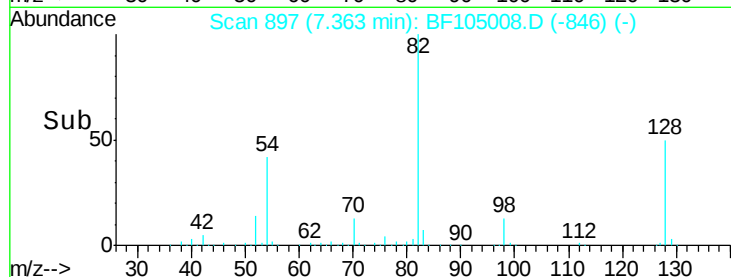
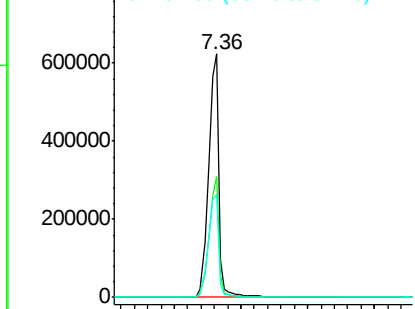
#23
 Nitrobenzene-d5
 Concen: 88.786 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BF105008.D
 Acq: 2 May 2018 3:46

Instrument :
 BNA_F
 ClientSampleId :
 042718-SIDI-E-D-B

Tgt Ion: 82 Resp: 670522
 Ion Ratio Lower Upper
 82 100
 128 49.6 36.1 54.1
 54 42.4 41.4 62.2

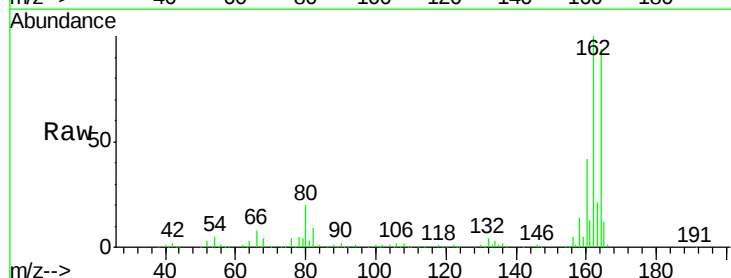


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

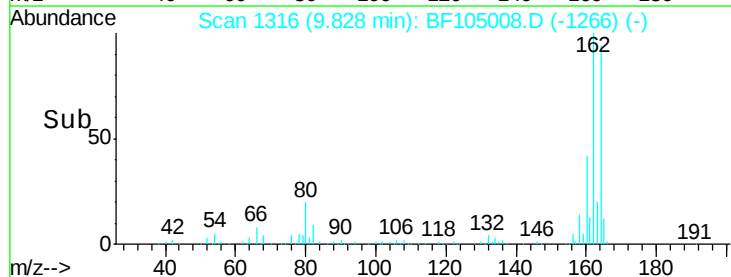
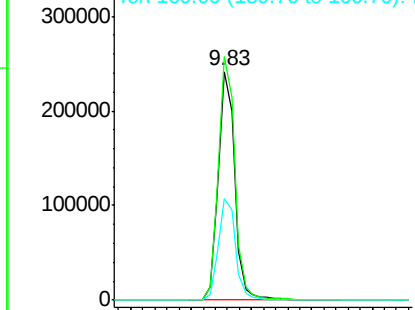


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF105008.D
 Acq: 2 May 2018 3:46

Tgt Ion: 164 Resp: 225804
 Ion Ratio Lower Upper
 164 100
 162 106.5 86.1 129.1
 160 44.6 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

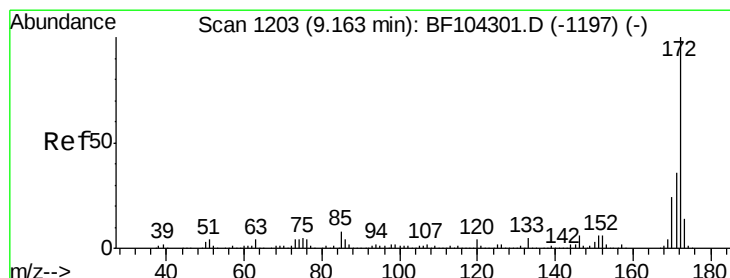
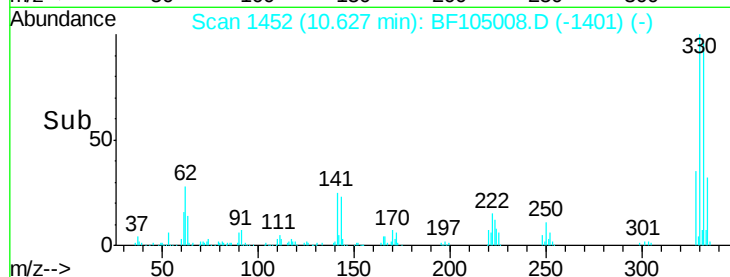
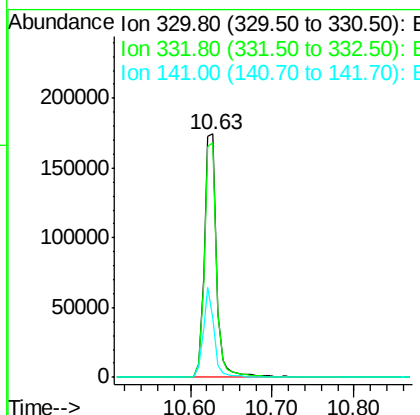
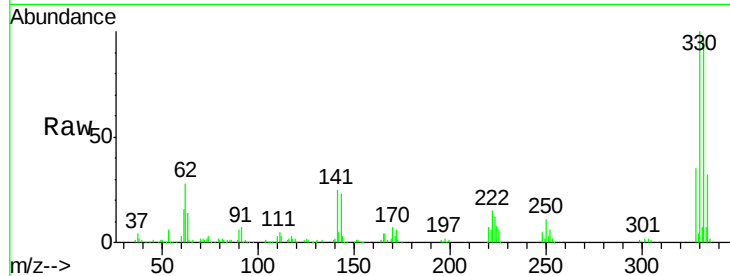




#41
 2,4,6-Tribromophenol
 Concen: 77.768 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF105008.D
 Acq: 2 May 2018 3:46

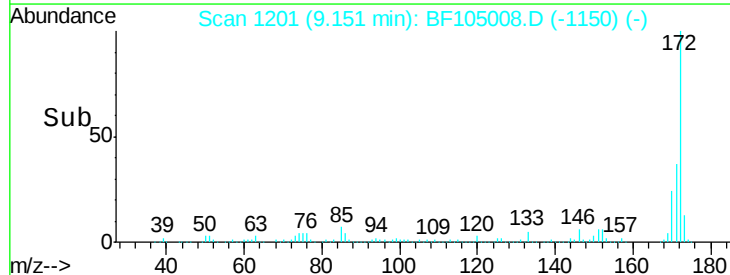
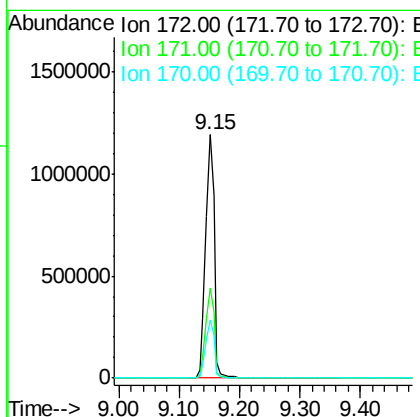
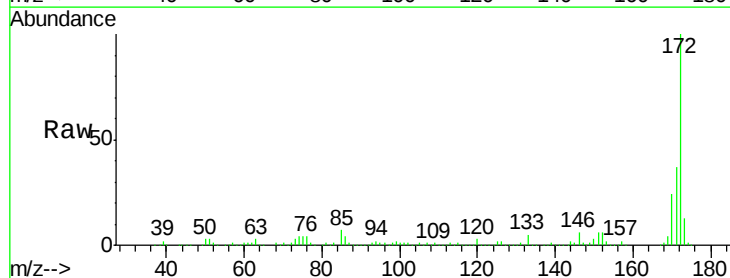
Instrument :
 BNA_F
 ClientSampleId :
 042718-SIDI-E-D-B

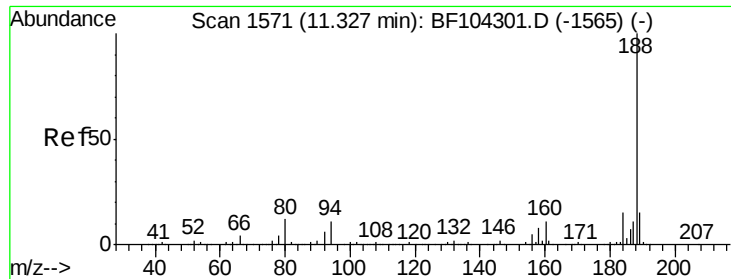
Tgt Ion:330 Resp: 182158
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 32.6 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 83.828 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF105008.D
 Acq: 2 May 2018 3:46

Tgt Ion:172 Resp: 1198203
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.7 44.5
 170 24.1 19.6 29.4

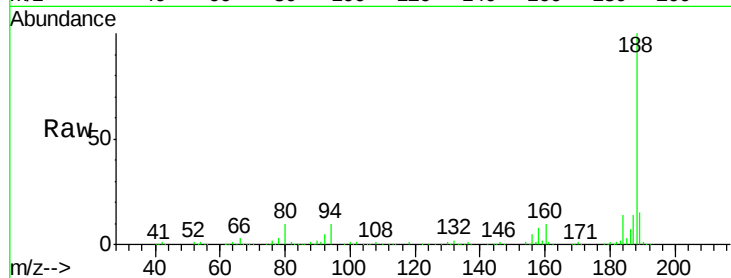




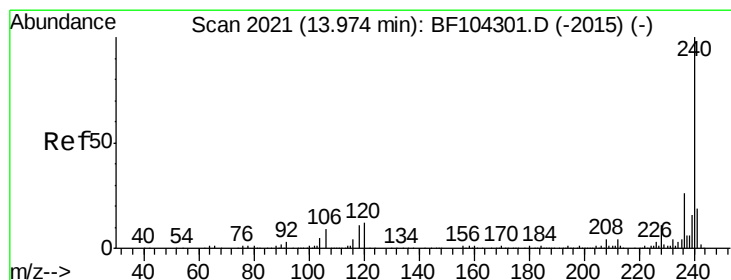
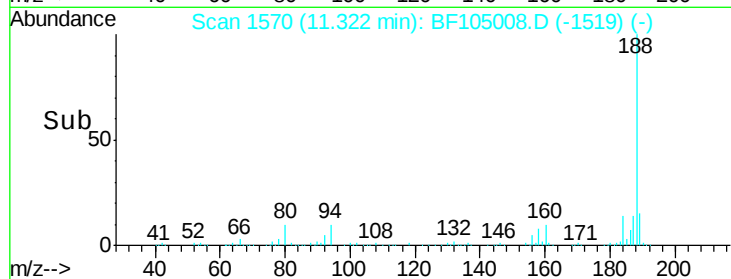
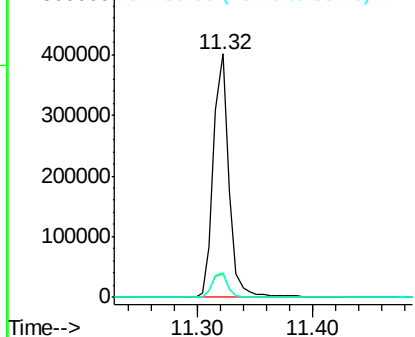
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF105008.D
Acq: 2 May 2018 3:46

Instrument :
BNA_F
ClientSampleId :
042718-SIDI-E-D-B

Tgt Ion:188 Resp: 375919
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.1 9.2 13.8

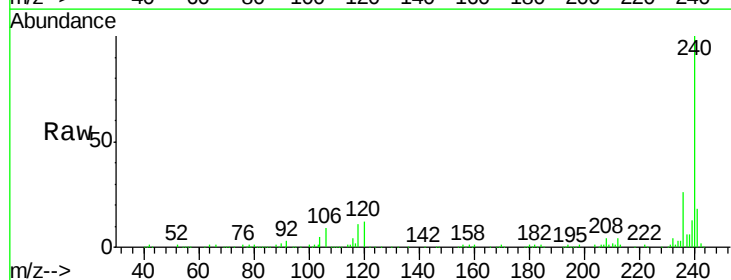


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

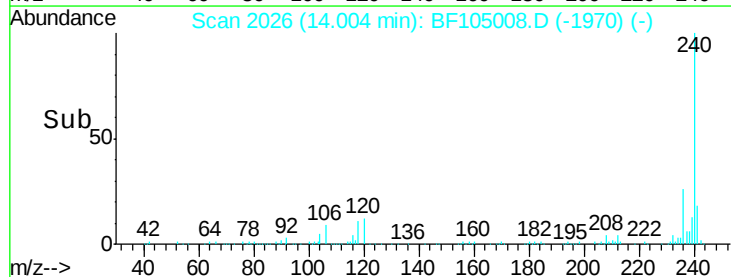
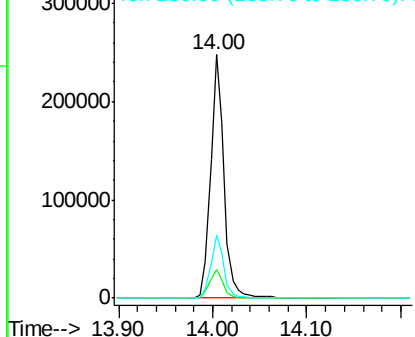


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.03 min
Lab File: BF105008.D
Acq: 2 May 2018 3:46

Tgt Ion:240 Resp: 249184
Ion Ratio Lower Upper
240 100
120 11.6 9.5 14.3
236 25.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

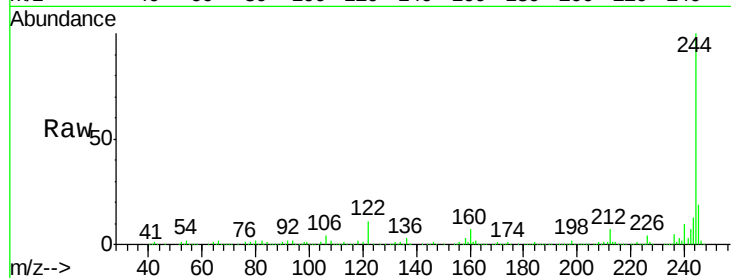




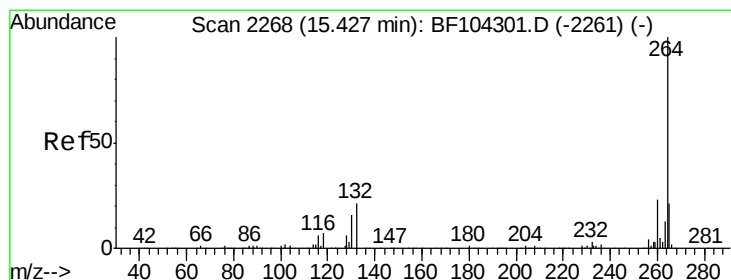
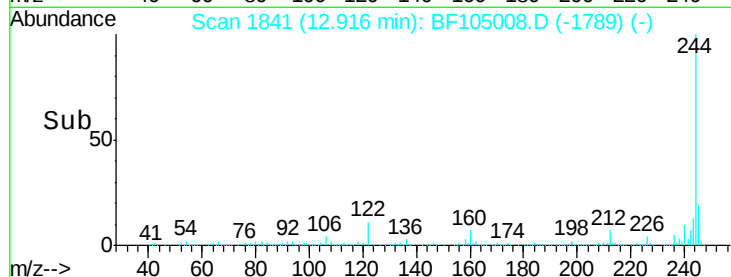
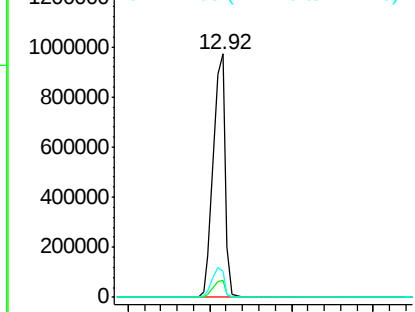
#78
 Terphenyl-d14
 Concen: 91.097 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF105008.D
 Acq: 2 May 2018 3:46

Instrument :
 BNA_F
 ClientSampleId :
 042718-SIDI-E-D-B

Tgt Ion:244 Resp: 995680
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.9 11.0 16.4#

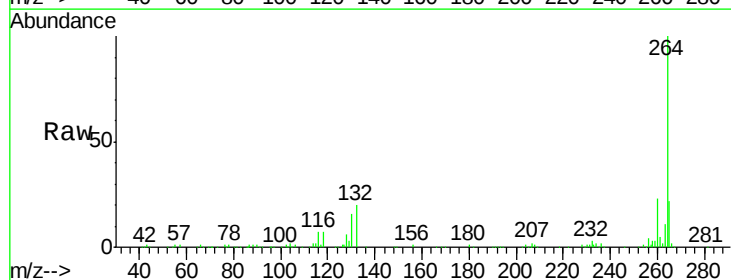


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. 0.11 min
 Lab File: BF105008.D
 Acq: 2 May 2018 3:46

Tgt Ion:264 Resp: 224758
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 21.6 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

