

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104965.D
 Acq On : 1 May 2018 6:30
 Operator : JU/SJ
 Sample : J2617-08
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

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

Quant Time: May 01 07:47:34 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	120446	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	484749	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	204288	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	324661	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	236369	20.00	ng	-0.01
86) Perylene-d12	15.43	264	182872	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	258439	32.81	ng	0.00
7) Phenol-d6	6.42	99	188533	19.48	ng	-0.02
23) Nitrobenzene-d5	7.36	82	645692	86.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	144651	68.26	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1117556	86.42	ng	0.00
78) Terphenyl-d14	12.90	244	815482	78.65	ng	-0.01

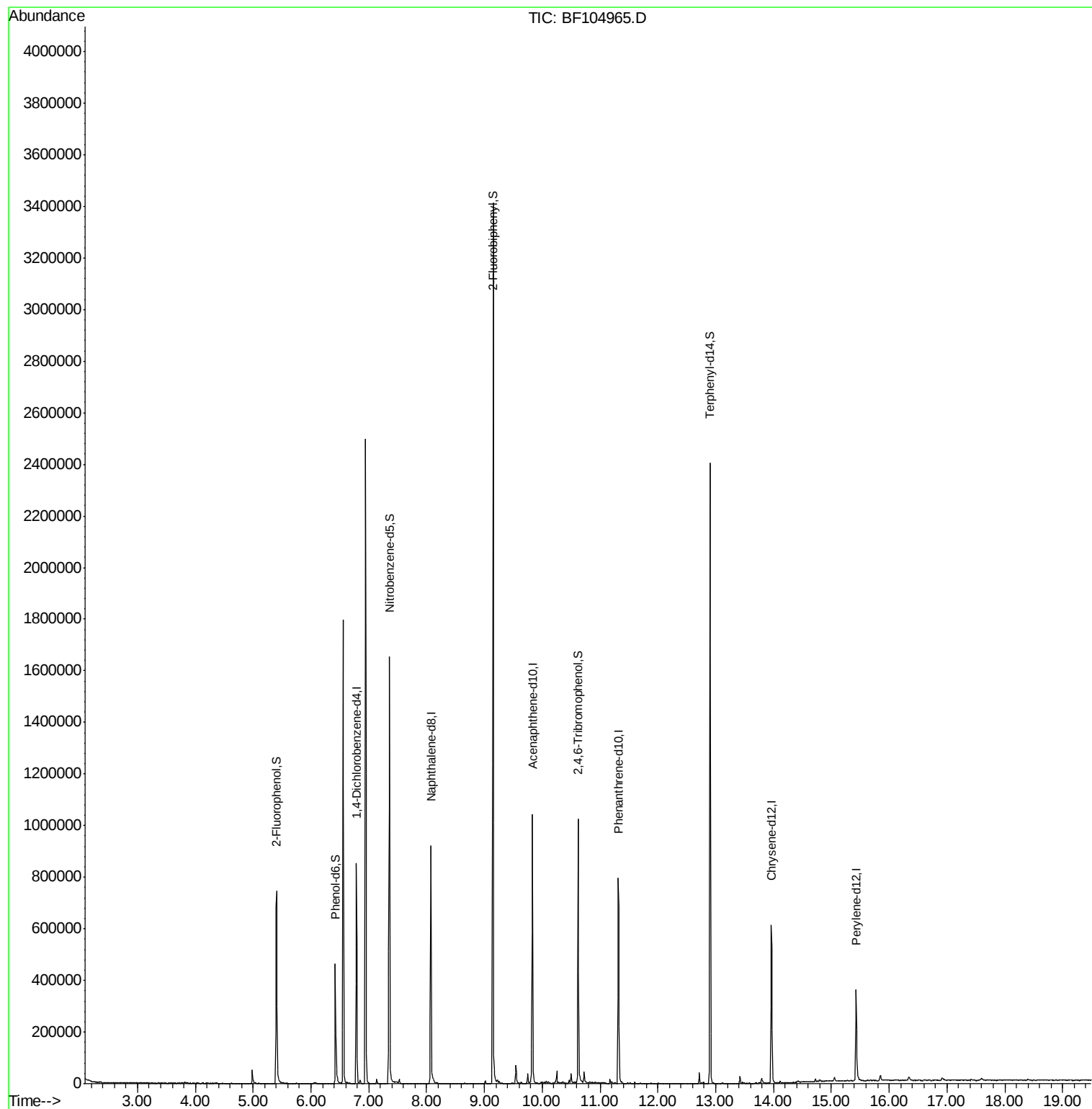
Target Compounds Qvalue

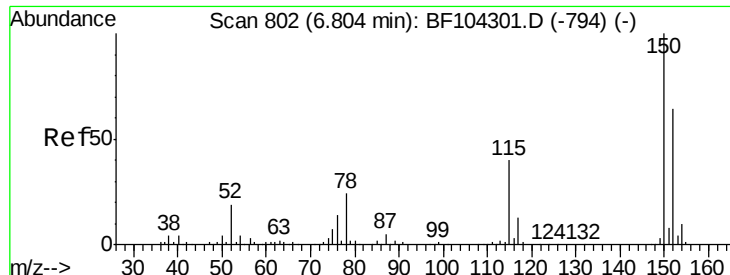
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF104965.D

Acq: 1 May 2018 6:30

Instrument :

BNA_F

ClientSampleId :

042618-SIDI-E-D-M

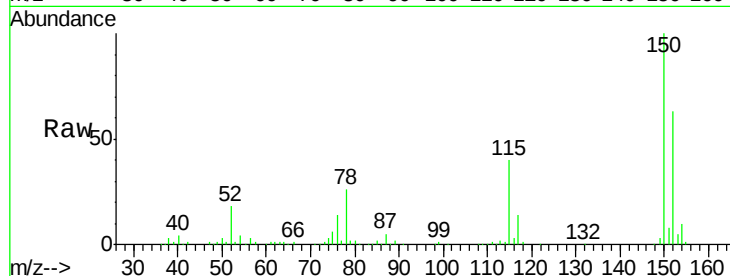
Tot Ion:152 Resp: 120446

Ion Ratio Lower Upper

152 100

150 159.6 124.6 186.8

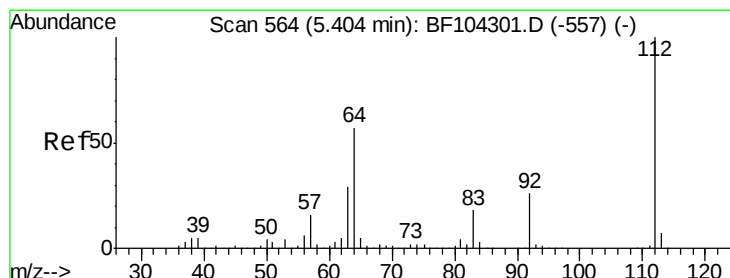
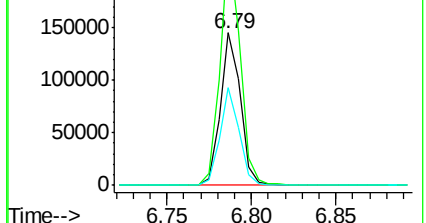
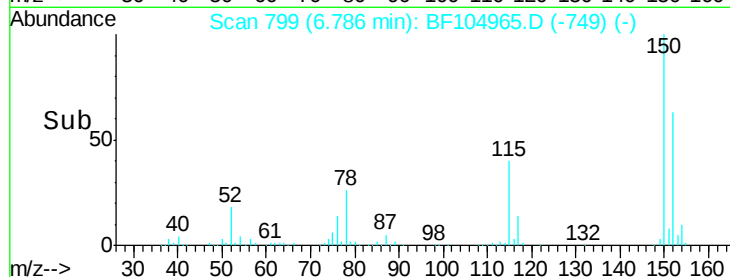
115 63.9 50.1 75.1



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: 32.809 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF104965.D

Acq: 1 May 2018 6:30

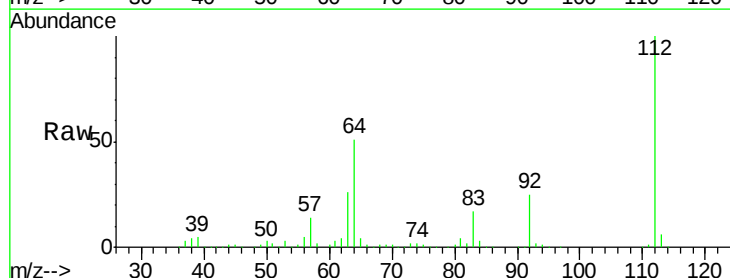
Tgt Ion:112 Resp: 258439

Ion Ratio Lower Upper

112 100

64 51.2 47.9 71.9

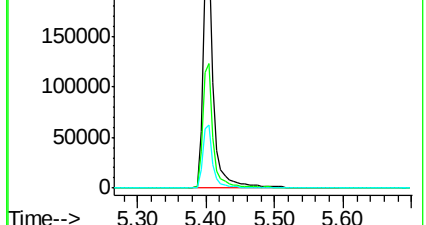
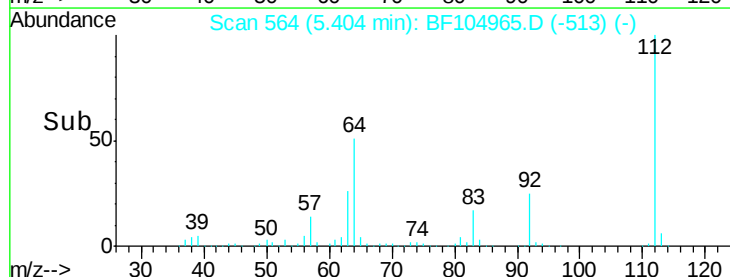
63 25.9 23.7 35.5



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: 19.480 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF104965.D

Acq: 1 May 2018 6:30

Instrument :

BNA_F

ClientSampleId :

042618-SIDI-E-D-M

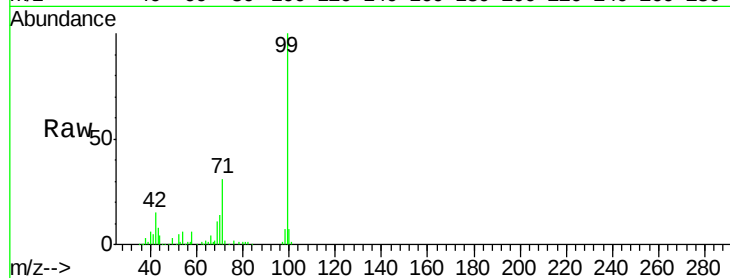
Tot Ion: 99 Resp: 188533

Ion Ratio Lower Upper

99 100

42 14.6 14.5 21.7

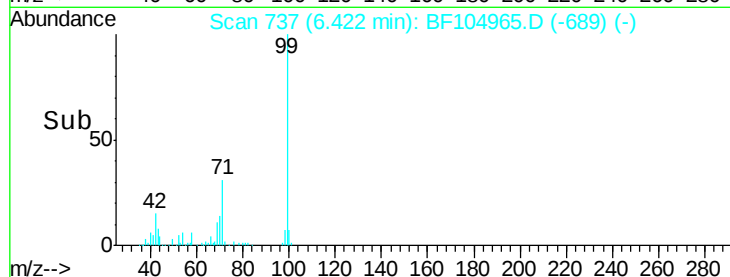
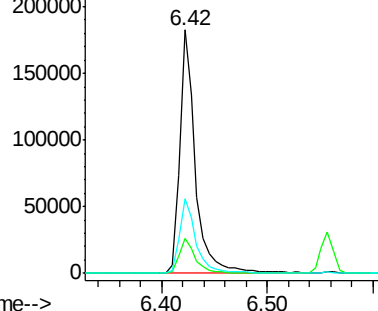
71 30.9 25.4 38.0



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. -0.01 min

Lab File: BF104965.D

Acq: 1 May 2018 6:30

Tgt Ion: 136 Resp: 484749

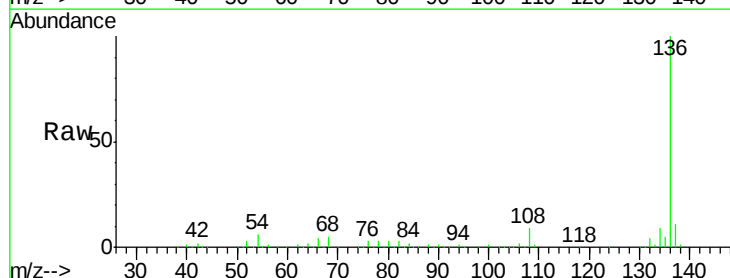
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 5.9 6.6 9.8#

68 5.1 5.0 7.4

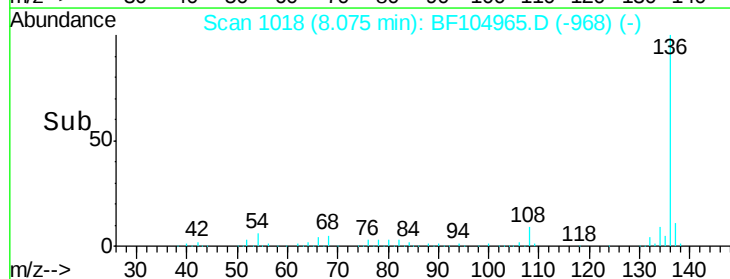
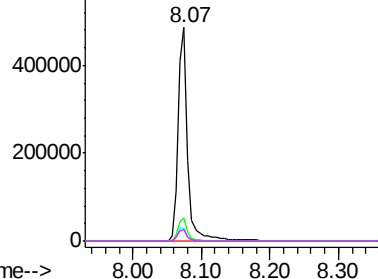


Abundance Ion 136.00 (135.70 to 136.70): E

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

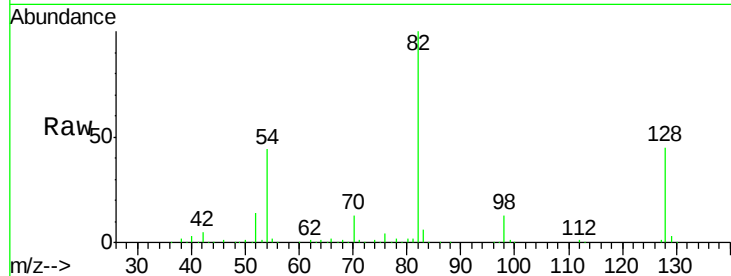




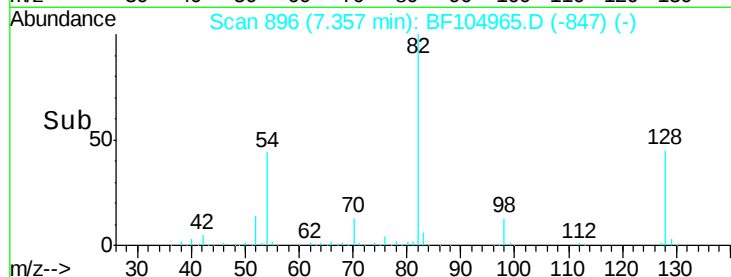
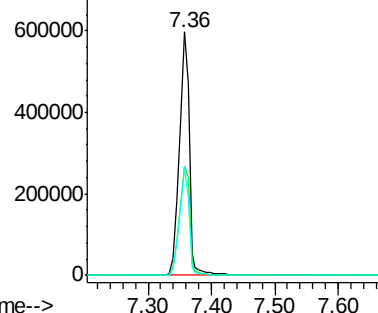
#23
 Nitrobenzene-d5
 Concen: 86.978 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF104965.D
 Acq: 1 May 2018 6:30

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

Tot Ion: 82 Resp: 645692
 Ion Ratio Lower Upper
 82 100
 128 44.7 36.1 54.1
 54 44.2 41.4 62.2

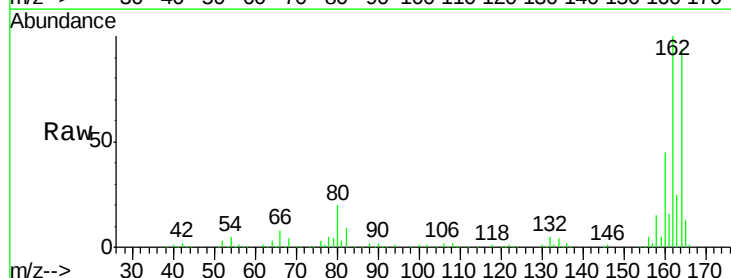


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

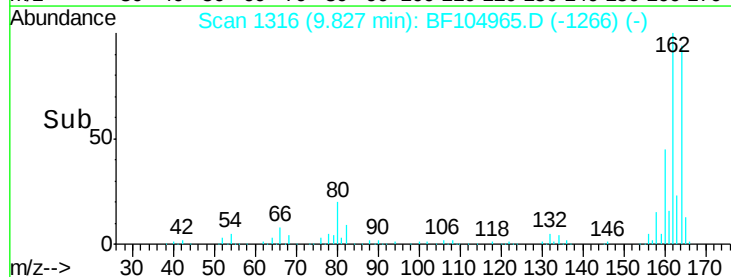
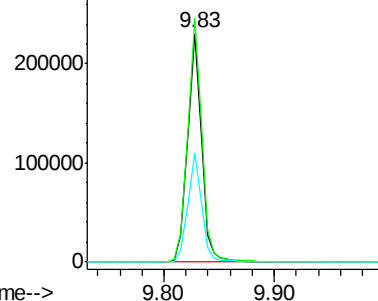


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF104965.D
 Acq: 1 May 2018 6:30

Tgt Ion: 164 Resp: 204288
 Ion Ratio Lower Upper
 164 100
 162 106.6 86.1 129.1
 160 47.8 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

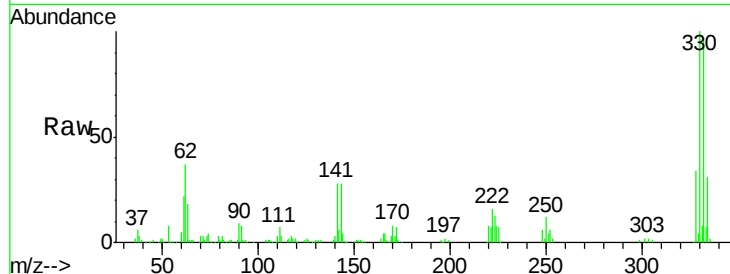




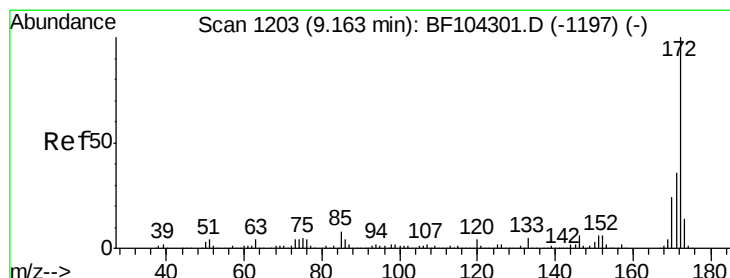
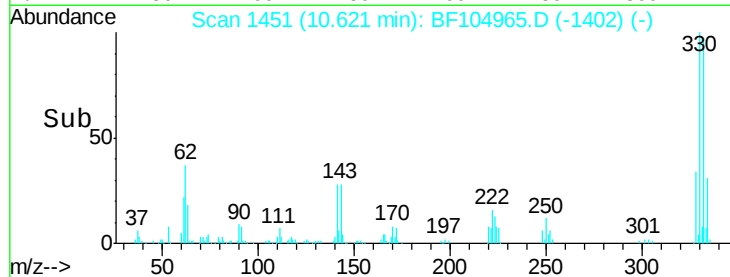
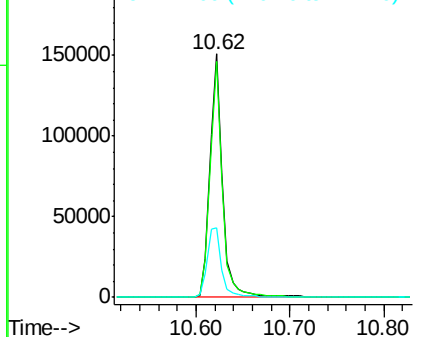
#41
 2,4,6-Tribromophenol
 Concen: 68.259 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF104965.D
 Acq: 1 May 2018 6:30

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

Tot Ion:330 Resp: 144651
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 32.1 29.9 44.9

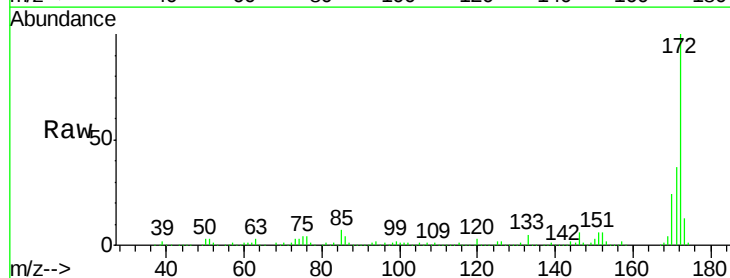


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

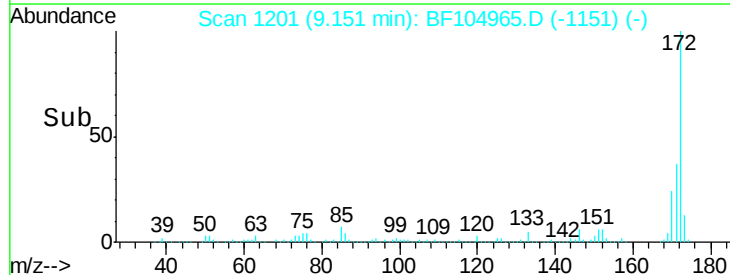
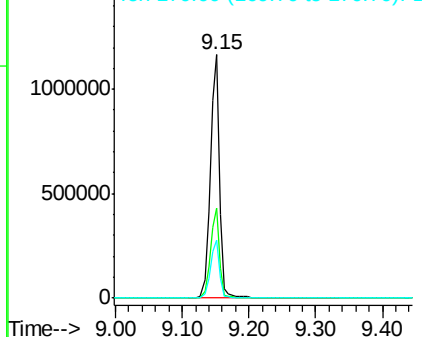


#44
 2-Fluorobiphenyl
 Concen: 86.420 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF104965.D
 Acq: 1 May 2018 6:30

Tgt Ion:172 Resp: 1117556
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 24.1 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

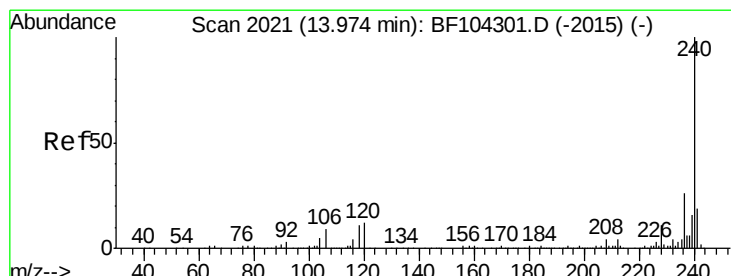
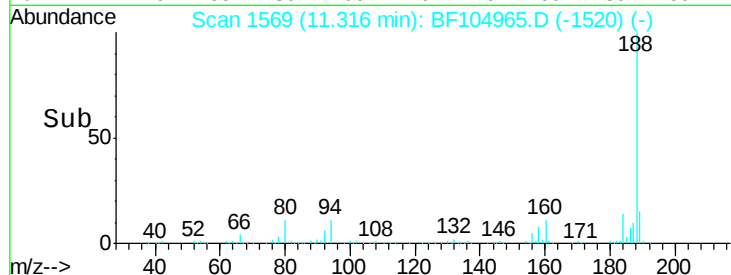
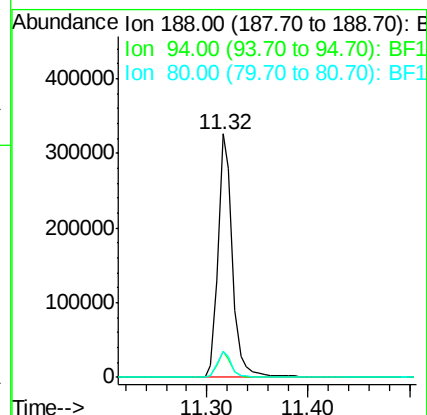
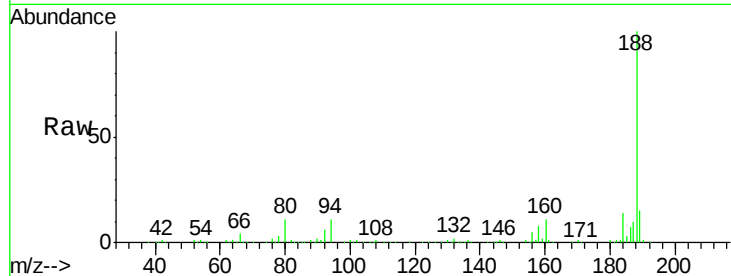




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF104965.D
Acq: 1 May 2018 6:30

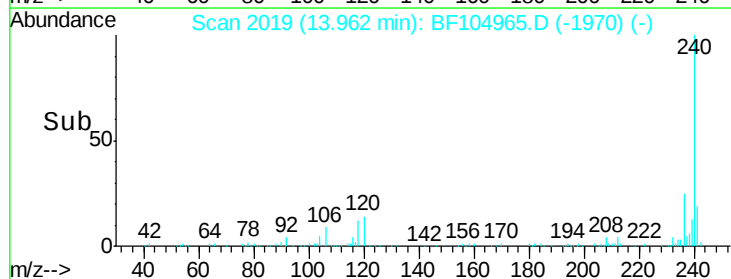
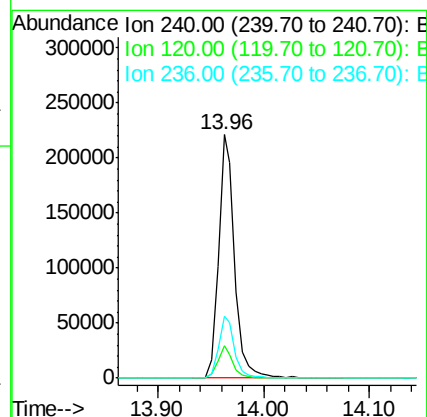
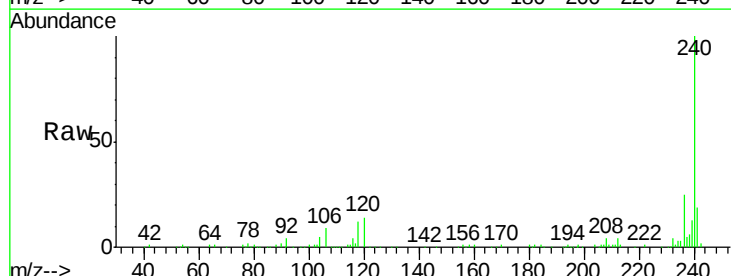
Instrument :
BNA_F
ClientSampleId :
042618-SIDI-E-D-M

Tot Ion:188 Resp: 324661
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 10.8 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF104965.D
Acq: 1 May 2018 6:30

Tgt Ion:240 Resp: 236369
Ion Ratio Lower Upper
240 100
120 13.5 9.5 14.3
236 25.4 20.7 31.1





#78

Terphenyl-d14

Concen: 78.655 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF104965.D

Acq: 1 May 2018 6:30

Instrument :

BNA_F

ClientSampleId :

042618-SIDI-E-D-M

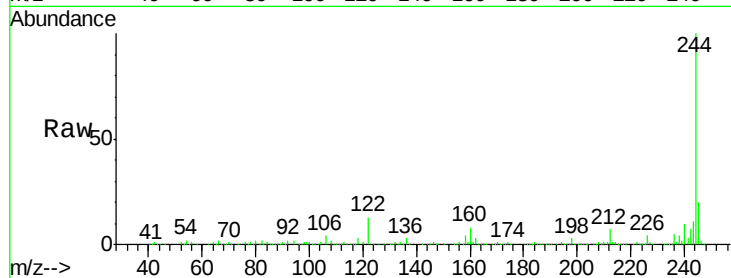
Tot Ion:244 Resp: 815482

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

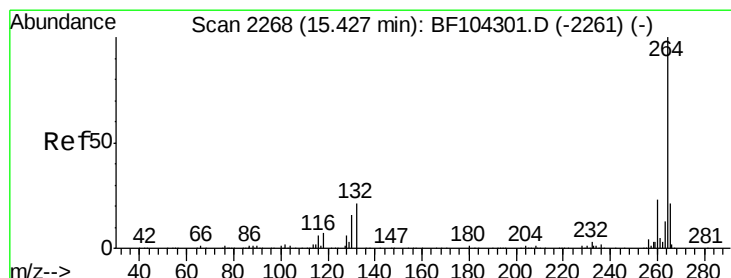
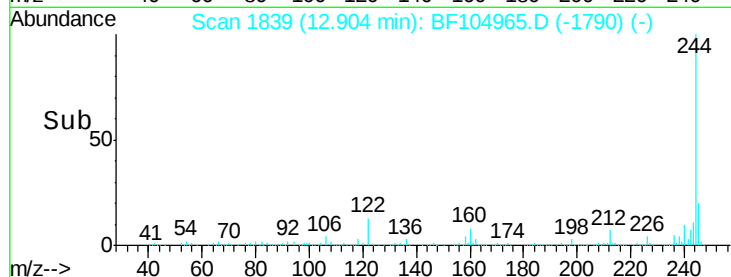
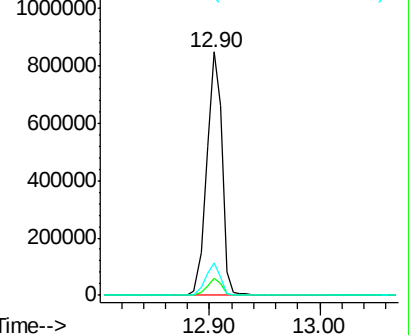
122 13.2 11.0 16.4



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: 15.43 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF104965.D

Acq: 1 May 2018 6:30

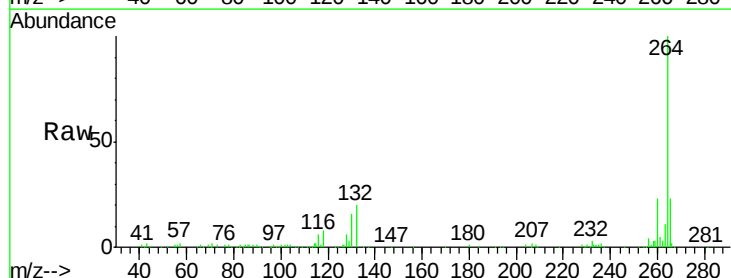
Tgt Ion:264 Resp: 182872

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 22.7 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

