

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105180.D
 Acq On : 9 May 2018 7:48
 Operator : JU/SJ
 Sample : J2680-08
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-050418-D

Quant Time: May 09 12:15:35 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 09 12:00:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	220219	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	884079	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	440604	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	868480	20.00	ng	0.00
75) Chrysene-d12	13.99	240	745255	20.00	ng	0.00
86) Perylene-d12	15.53	264	628891	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1578477	118.08	ng	0.02
7) Phenol-d6	6.43	99	1768148	111.09	ng	0.00
23) Nitrobenzene-d5	7.36	82	1335504	102.38	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	701371	144.28	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2341615	82.49	ng	0.00
78) Terphenyl-d14	12.91	244	2747984	85.65	ng	0.00

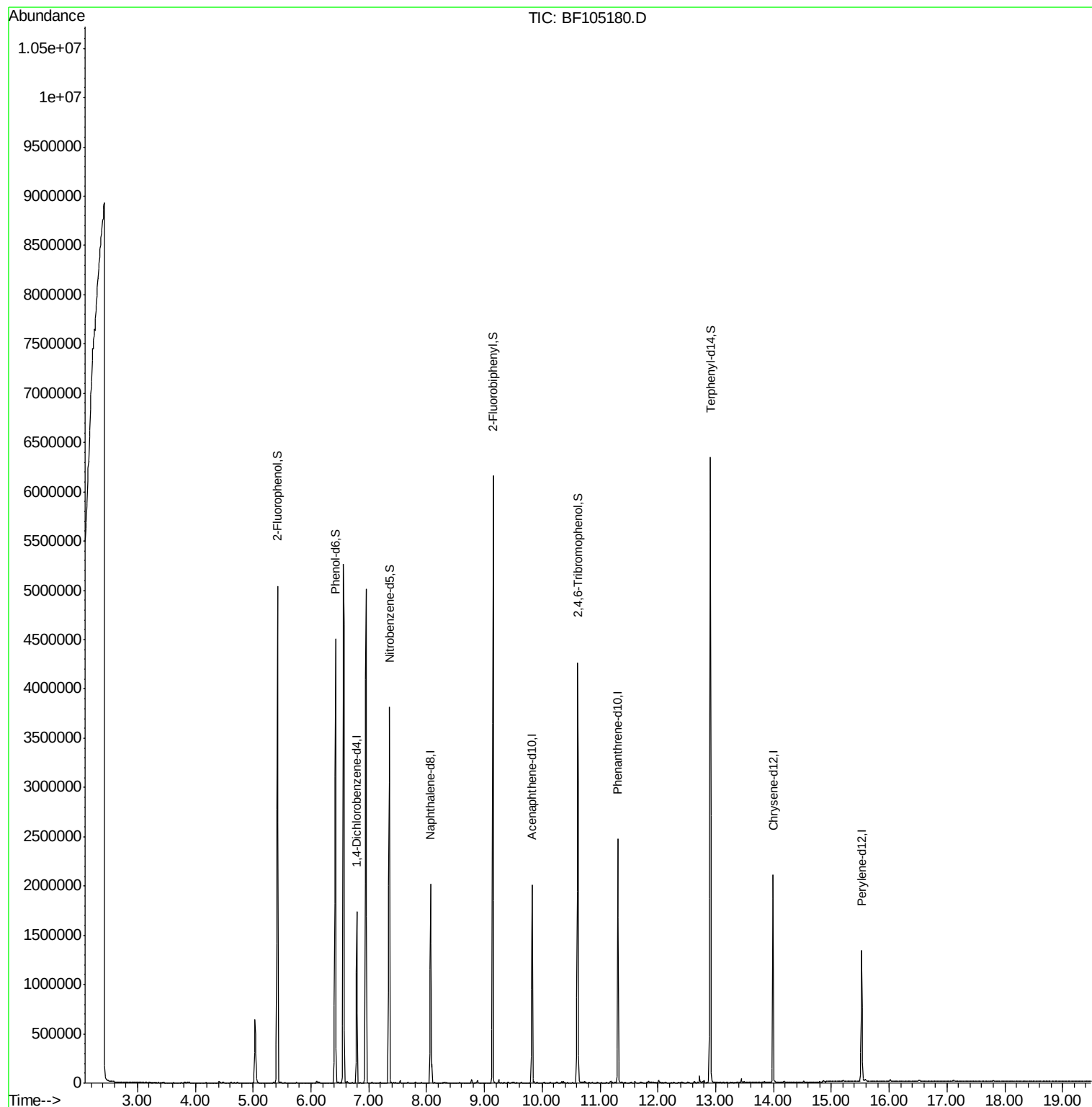
Target Compounds Qvalue

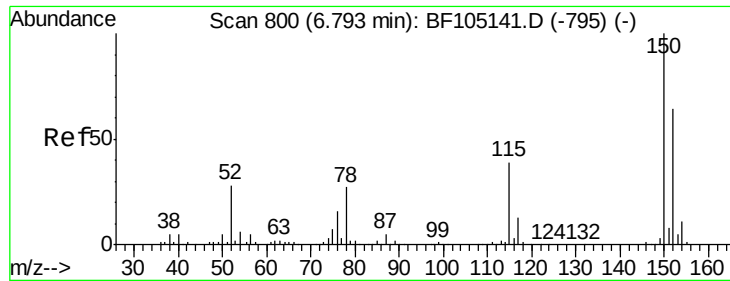
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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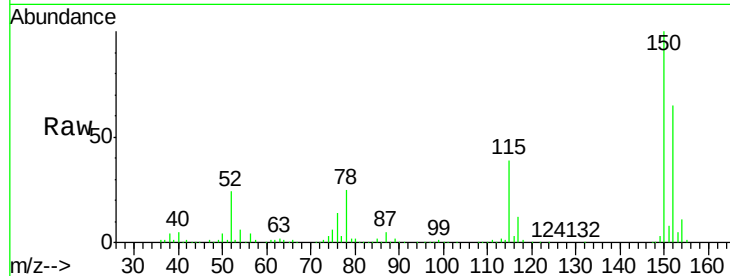


#1

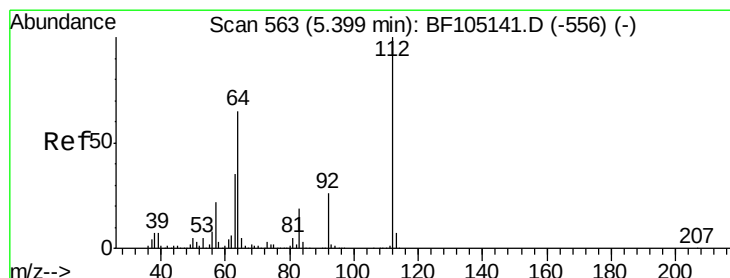
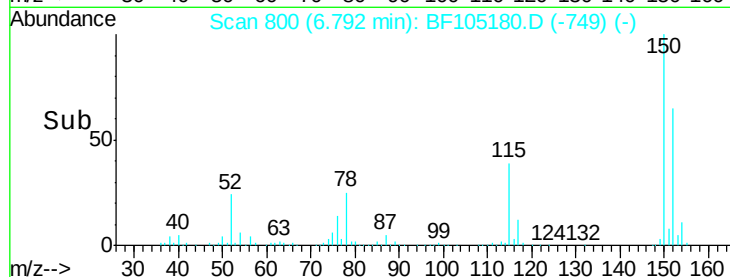
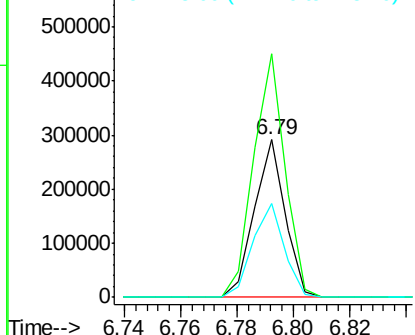
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF105180.D
Acq: 9 May 2018 7:48

Instrument :
BNA_F
ClientSampleId :
PL-02-050418-D

Tot Ion:152 Resp: 220219
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 59.6 50.1 75.1



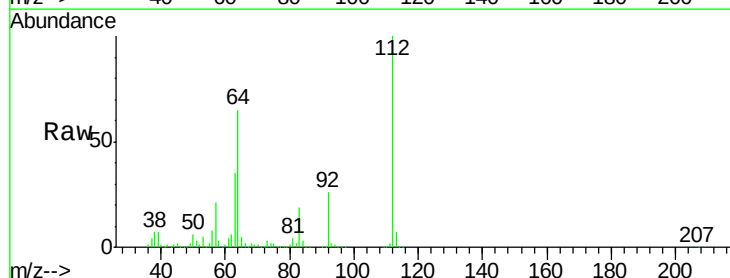
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



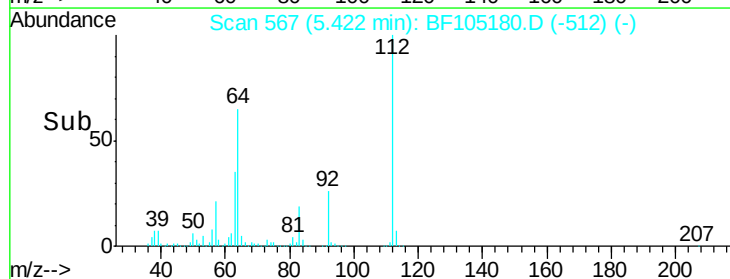
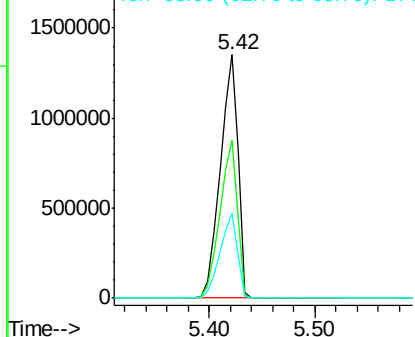
#5

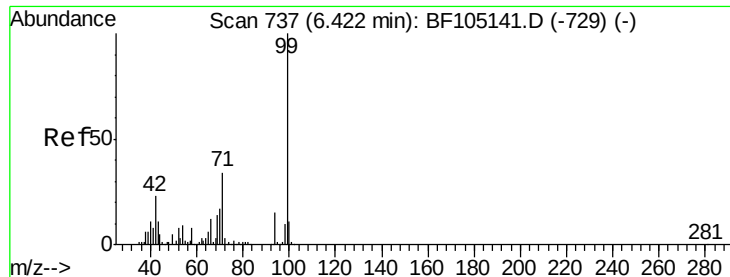
2-Fluorophenol
Concen: 118.084 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BF105180.D
Acq: 9 May 2018 7:48

Tgt Ion:112 Resp: 1578477
Ion Ratio Lower Upper
112 100
64 64.6 47.9 71.9
63 34.6 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: 111.088 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF105180.D

Acq: 9 May 2018 7:48

Instrument :

BNA_F

ClientSampleId :

PL-02-050418-D

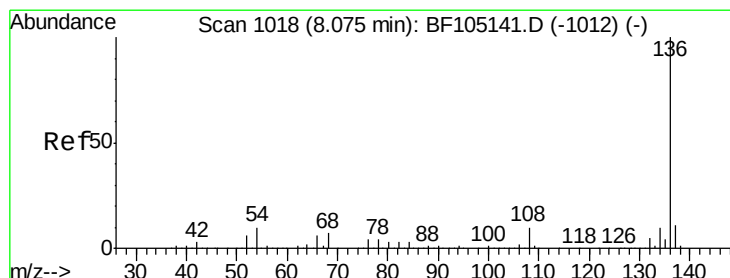
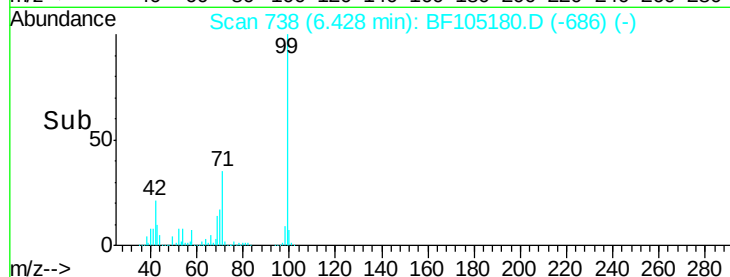
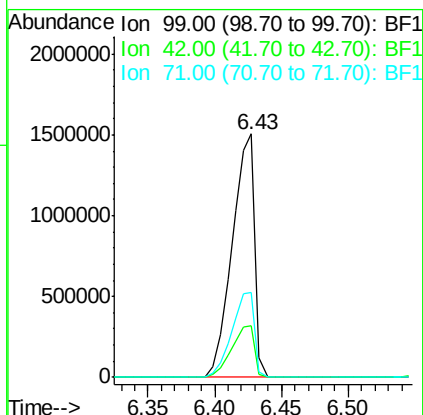
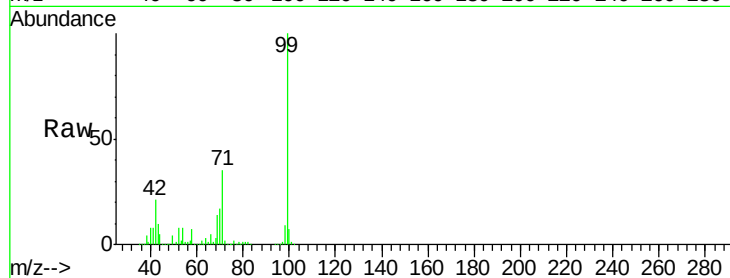
Tot Ion: 99 Resp: 1768148

Ion Ratio Lower Upper

99 100

42 21.0 14.5 21.7

71 35.1 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF105180.D

Acq: 9 May 2018 7:48

Tgt Ion: 136 Resp: 884079

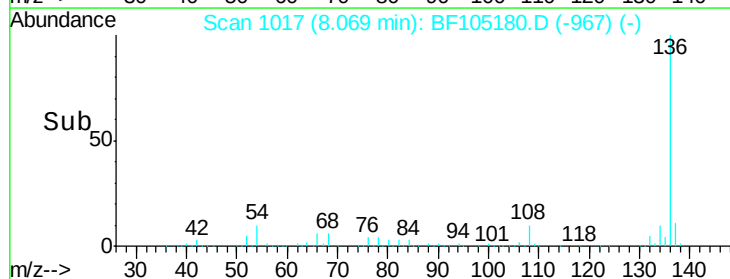
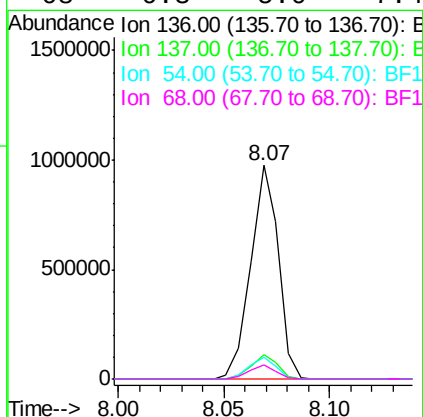
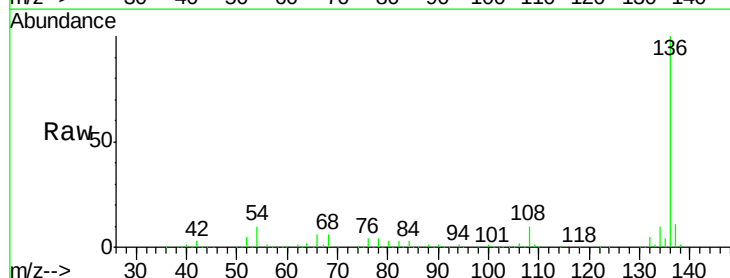
Ion Ratio Lower Upper

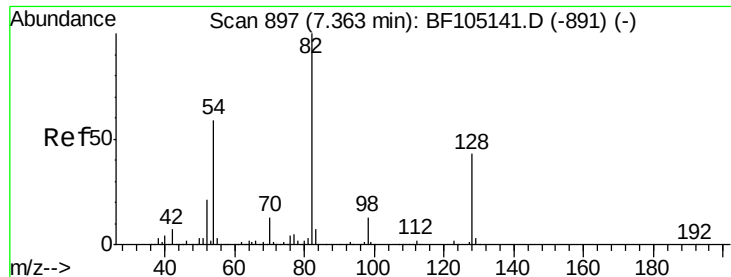
136 100

137 11.3 8.9 13.3

54 10.1 6.6 9.8#

68 6.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 102.380 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF105180.D

Acq: 9 May 2018 7:48

Instrument :

BNA_F

ClientSampleId :

PL-02-050418-D

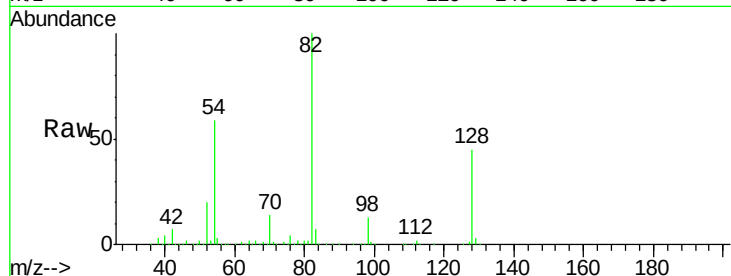
Tot Ion: 82 Resp: 1335504

Ion Ratio Lower Upper

82 100

128 44.8 36.1 54.1

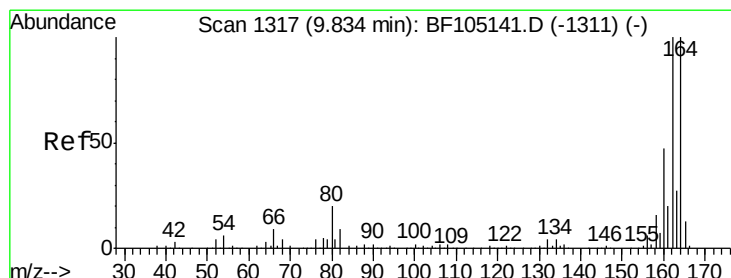
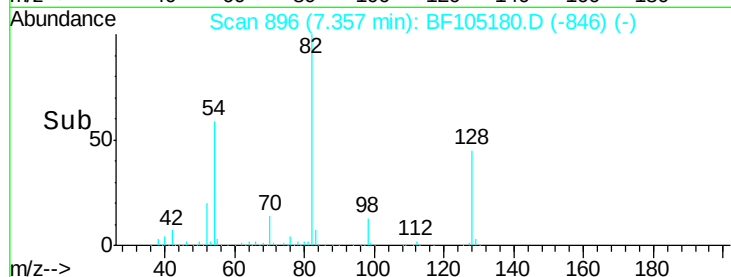
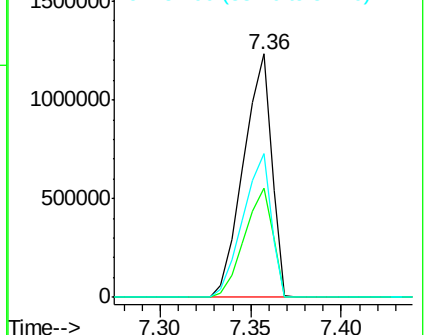
54 59.0 41.4 62.2



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: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF105180.D

Acq: 9 May 2018 7:48

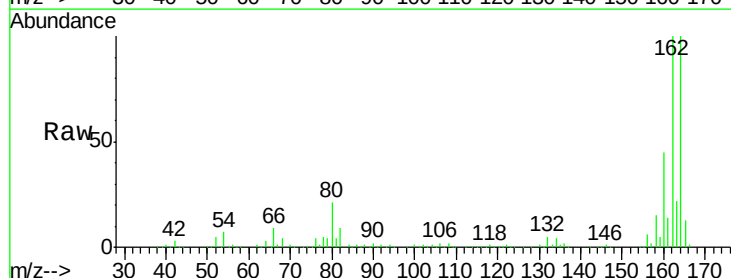
Tgt Ion:164 Resp: 440604

Ion Ratio Lower Upper

164 100

162 100.0 86.1 129.1

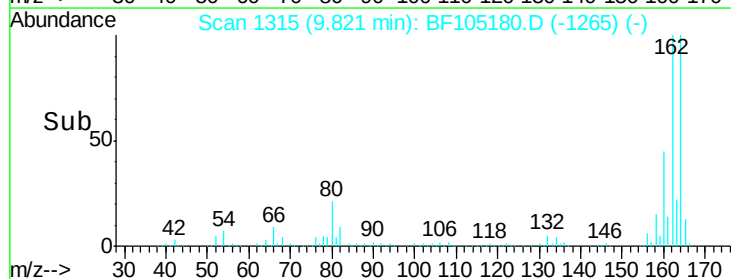
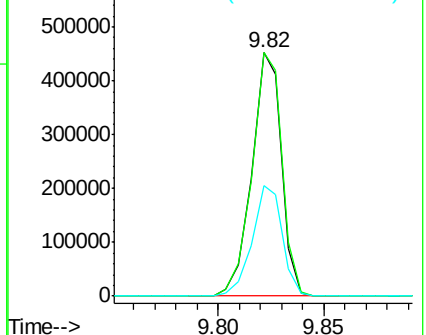
160 45.2 38.3 57.5

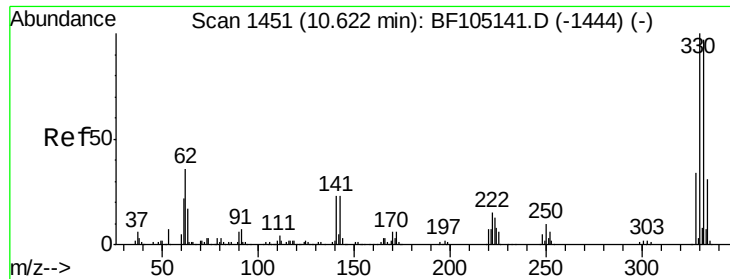


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#41

2,4,6-Tribromophenol

Concen: 144.283 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BF105180.D

Acq: 9 May 2018 7:48

Instrument :

BNA_F

ClientSampleId :

PL-02-050418-D

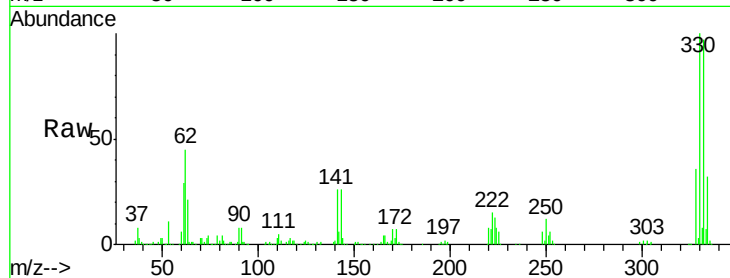
Tot Ion:330 Resp: 701371

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

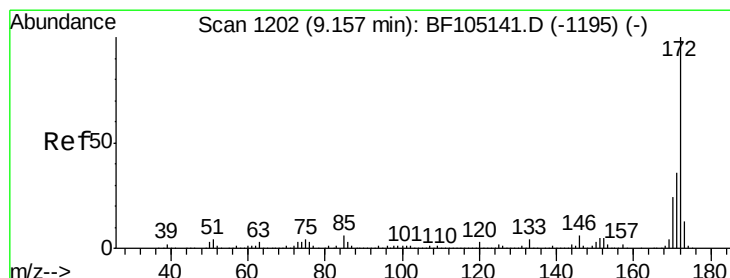
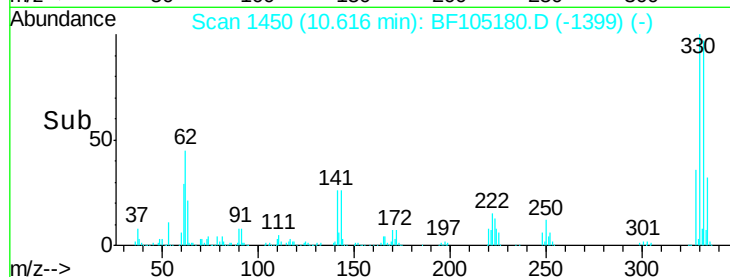
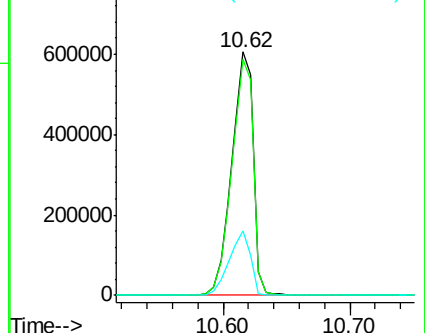
141 26.6 29.9 44.9#



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: 82.487 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BF105180.D

Acq: 9 May 2018 7:48

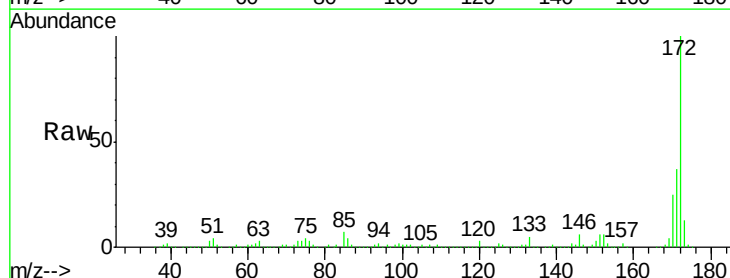
Tgt Ion:172 Resp: 2341615

Ion Ratio Lower Upper

172 100

171 36.7 29.7 44.5

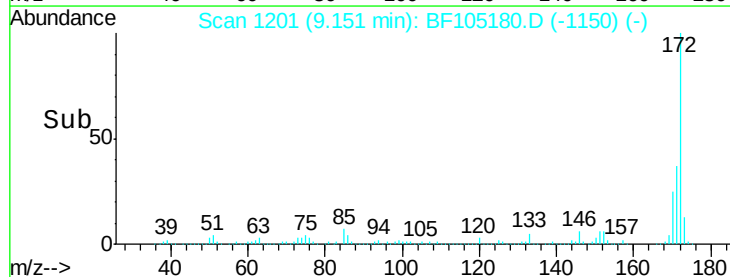
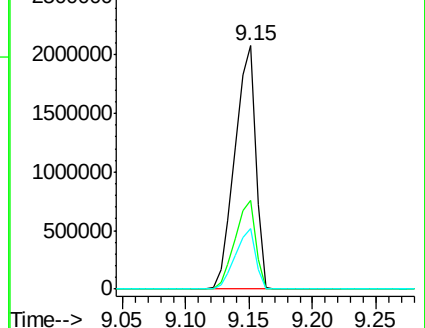
170 24.7 19.6 29.4

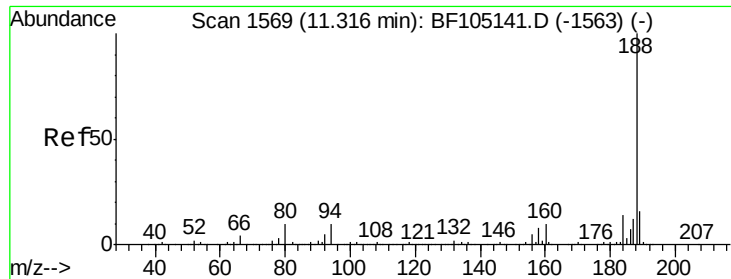


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF105180.D

Acq: 9 May 2018 7:48

Instrument :

BNA_F

ClientSampleId :

PL-02-050418-D

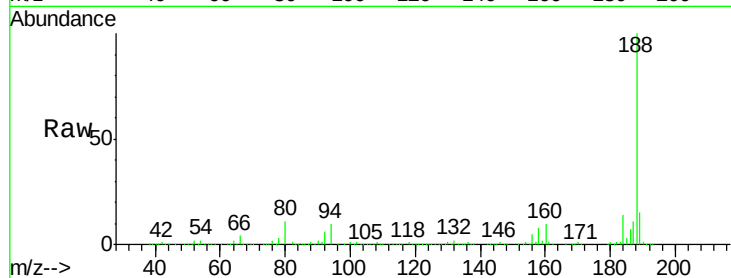
Tot Ion:188 Resp: 868480

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

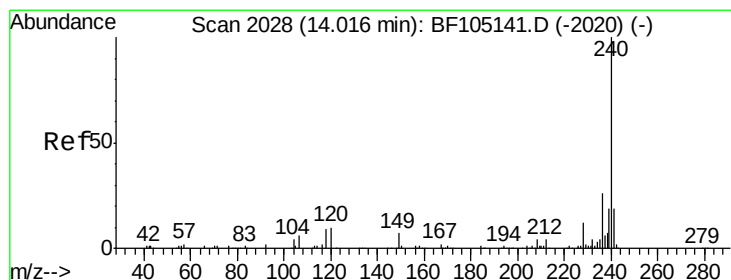
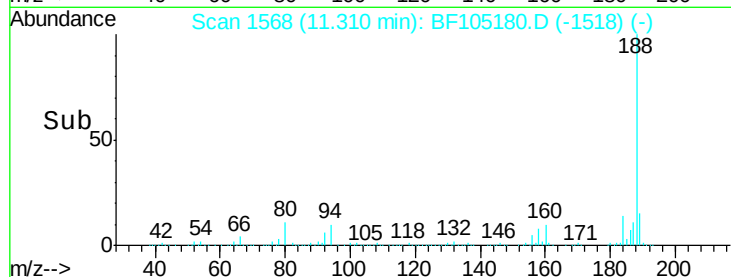
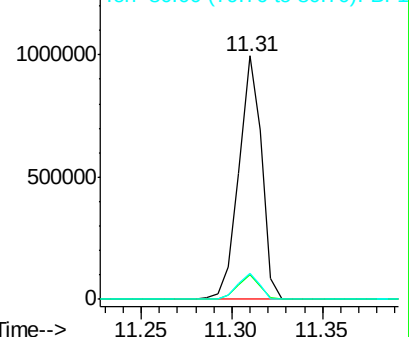
80 10.7 9.2 13.8



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: 13.99 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BF105180.D

Acq: 9 May 2018 7:48

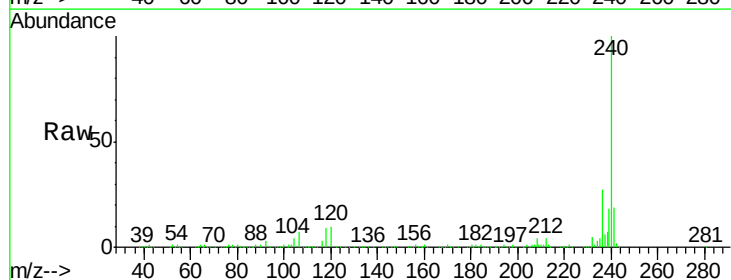
Tgt Ion:240 Resp: 745255

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

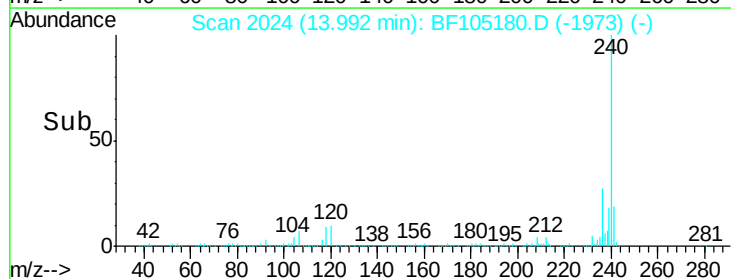
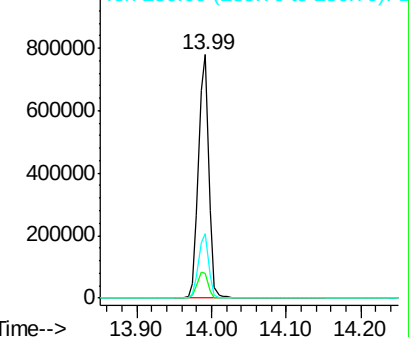
236 26.6 20.7 31.1

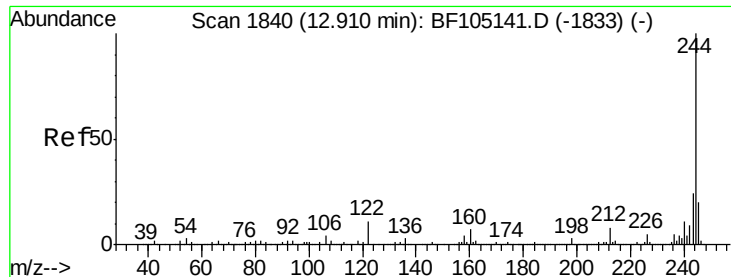


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

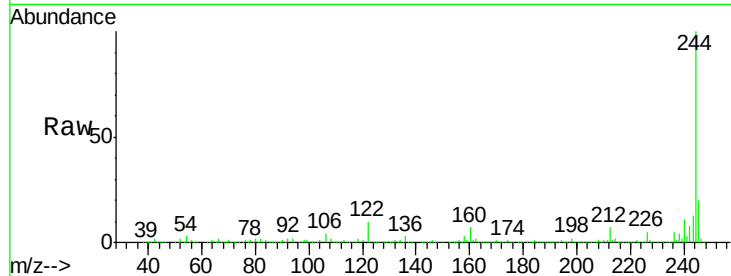




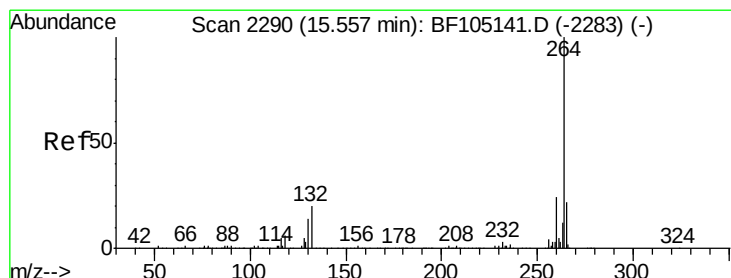
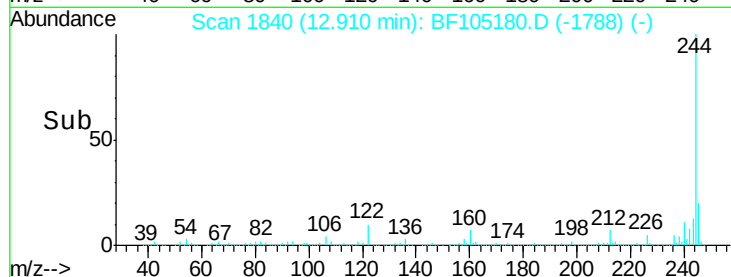
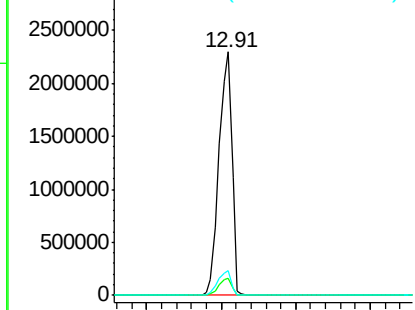
#78
 Terphenyl-d14
 Concen: 85.651 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF105180.D
 Acq: 9 May 2018 7:48

Instrument :
 BNA_F
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 PL-02-050418-D

Tot Ion:244 Resp: 2747984
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 10.2 11.0 16.4#

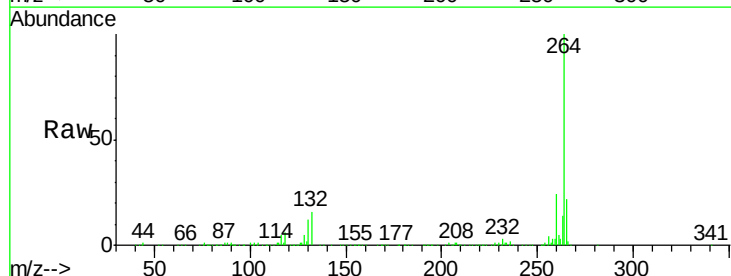


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2285
 Delta R.T. 0.02 min
 Lab File: BF105180.D
 Acq: 9 May 2018 7:48

Tgt Ion:264 Resp: 628891
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.9 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

