

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105179.D
 Acq On : 9 May 2018 7:22
 Operator : JU/SJ
 Sample : J2680-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

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

Quant Time: May 09 12:14:10 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	228899	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	924236	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	449255	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	890120	20.00	ng	0.00
75) Chrysene-d12	14.00	240	766511	20.00	ng	0.01
86) Perylene-d12	15.56	264	662157	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1647236	118.56	ng	0.02
7) Phenol-d6	6.42	99	1799063	108.74	ng	0.00
23) Nitrobenzene-d5	7.35	82	1431716	104.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	728427	146.96	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2574613	88.95	ng	0.00
78) Terphenyl-d14	12.92	244	2785623	84.42	ng	0.01

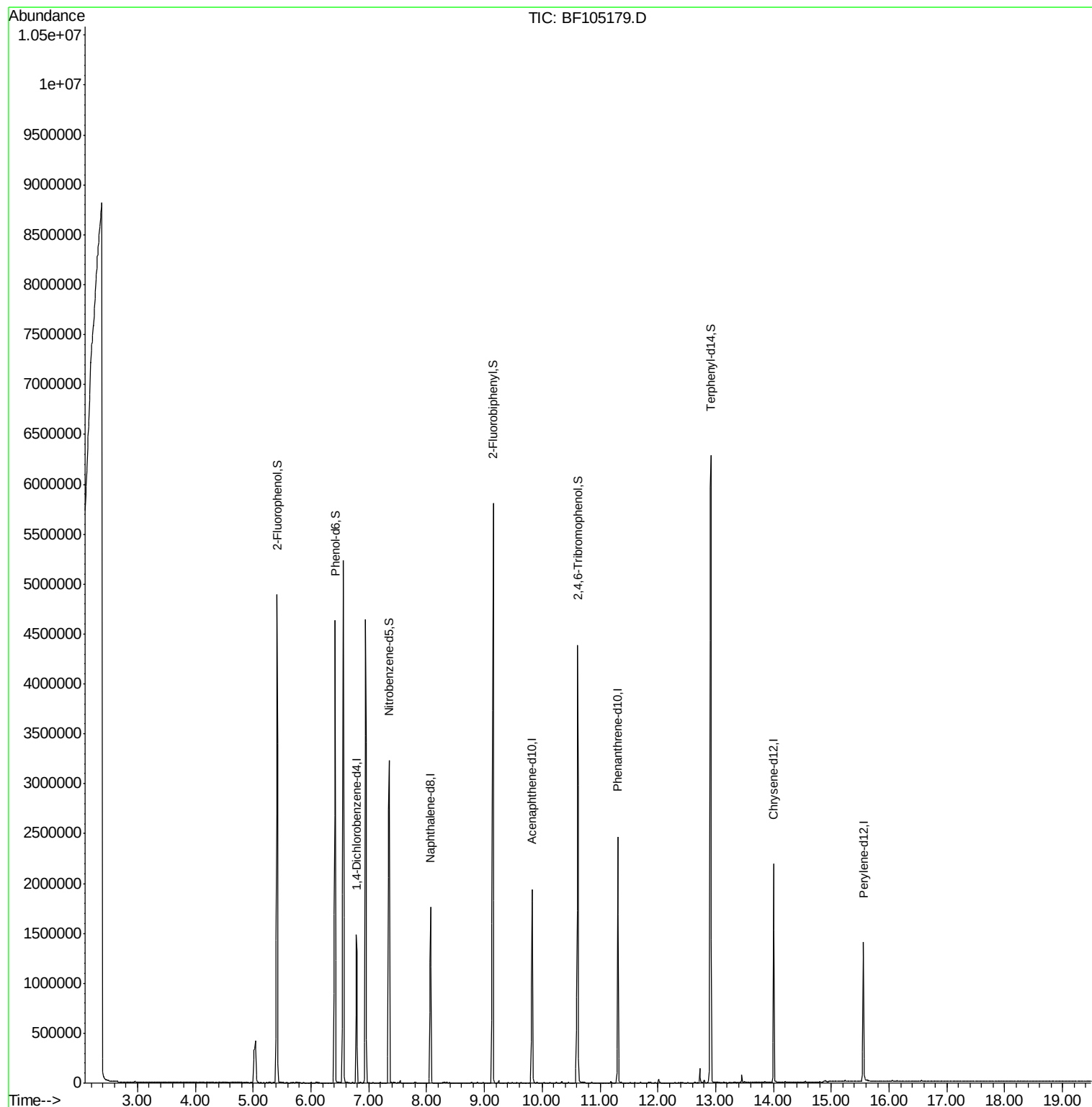
Target Compounds Qvalue

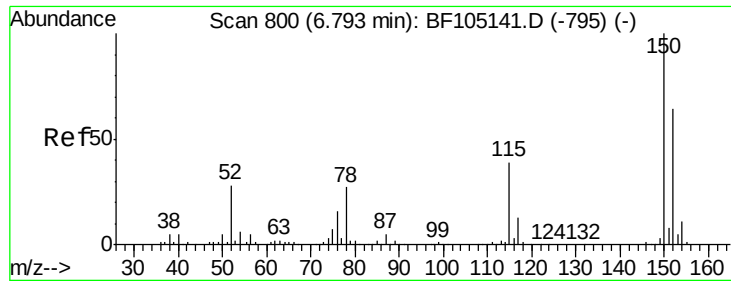
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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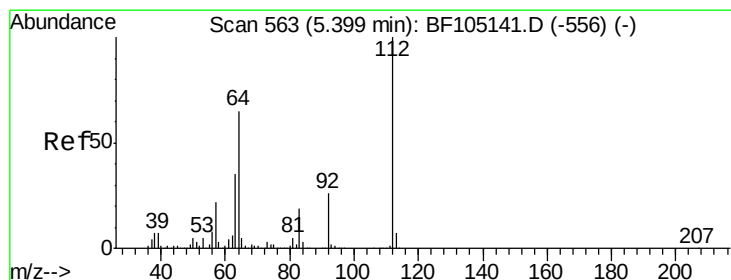
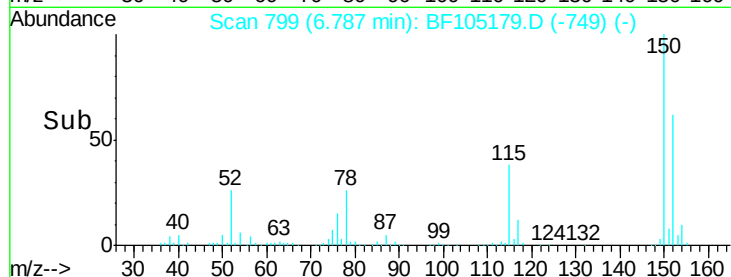
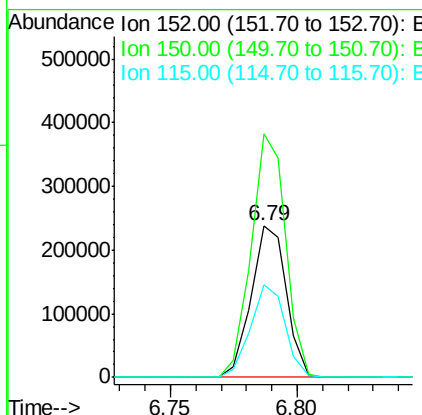
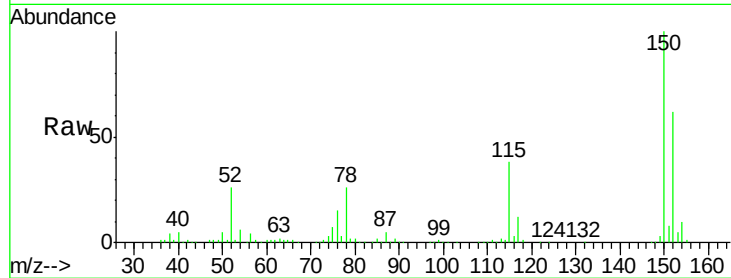


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF105179.D
Acq: 9 May 2018 7:22

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

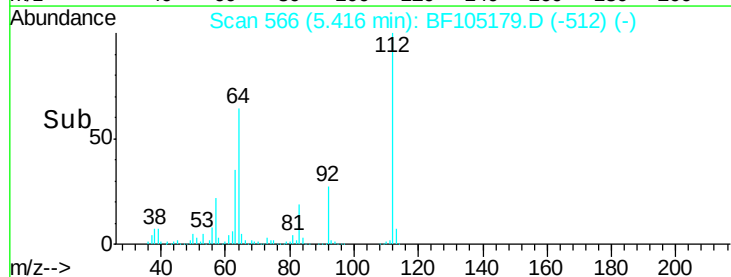
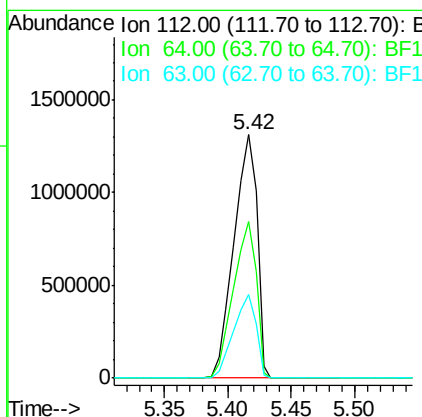
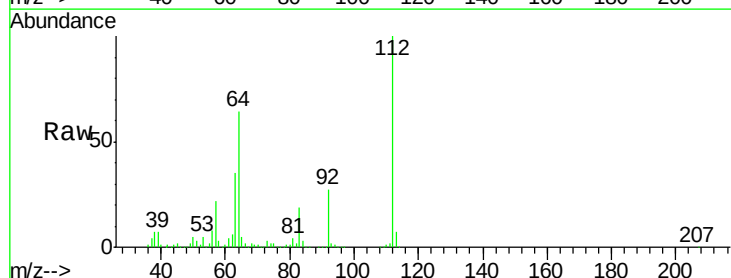
Tot Ion:152 Resp: 228899
Ion Ratio Lower Upper
152 100
150 160.1 124.6 186.8
115 61.2 50.1 75.1

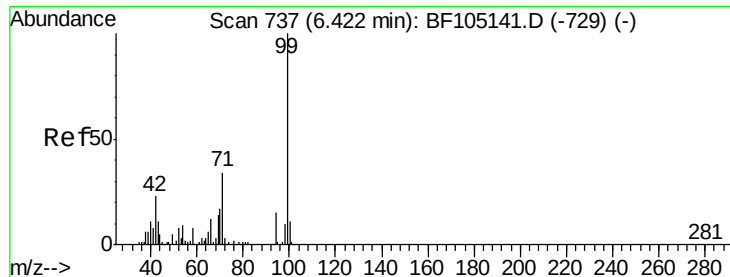


#5

2-Fluorophenol
Concen: 118.555 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.02 min
Lab File: BF105179.D
Acq: 9 May 2018 7:22

Tgt Ion:112 Resp: 1647236
Ion Ratio Lower Upper
112 100
64 64.3 47.9 71.9
63 34.6 23.7 35.5





#7

Phenol-d6

Concen: 108.744 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF105179.D

Acq: 9 May 2018 7:22

Instrument :

BNA_F

ClientSampleId :

PL-02-050418-C

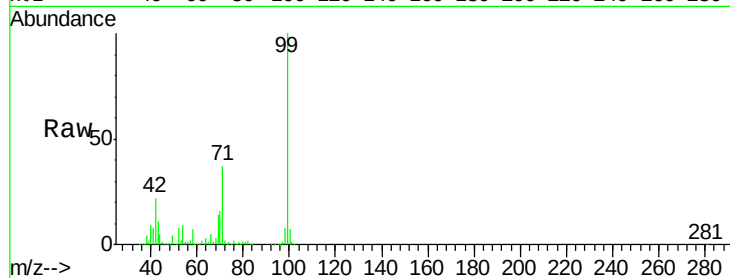
Tot Ion: 99 Resp: 1799063

Ion Ratio Lower Upper

99 100

42 21.5 14.5 21.7

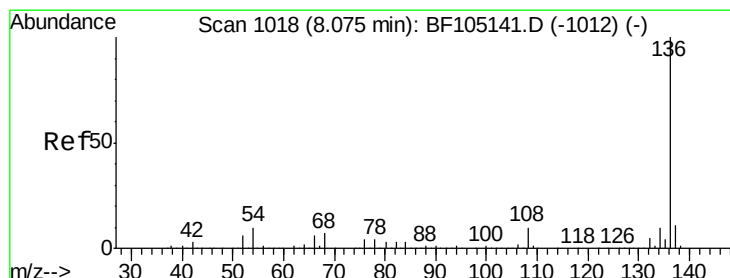
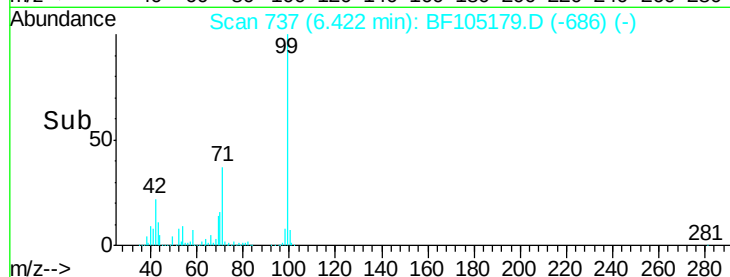
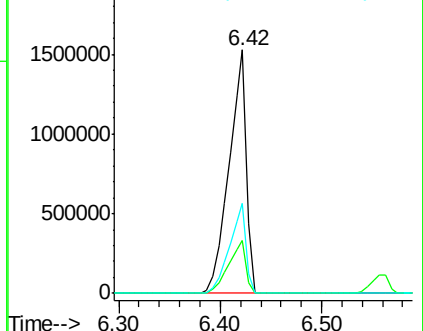
71 36.8 25.4 38.0



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# 1017

Delta R.T. -0.01 min

Lab File: BF105179.D

Acq: 9 May 2018 7:22

Tgt Ion: 136 Resp: 924236

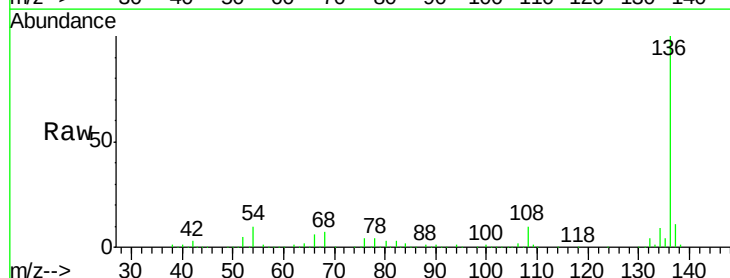
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.6 6.6 9.8

68 6.6 5.0 7.4

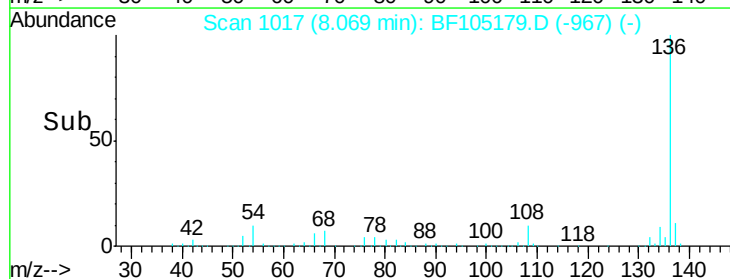
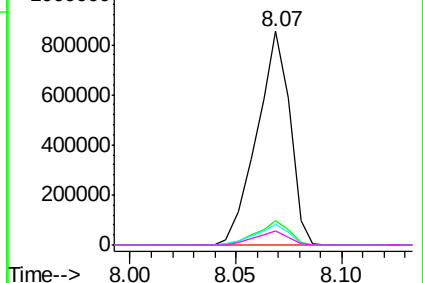


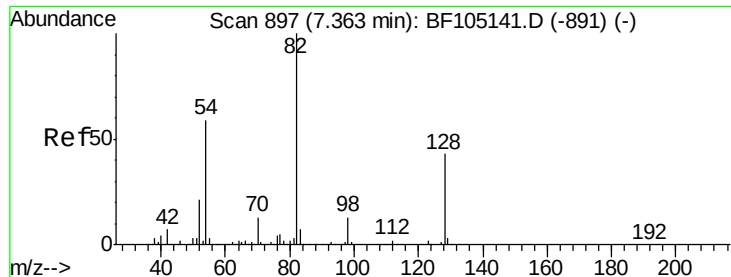
Abundance Ion 136.00 (135.70 to 136.70): E

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

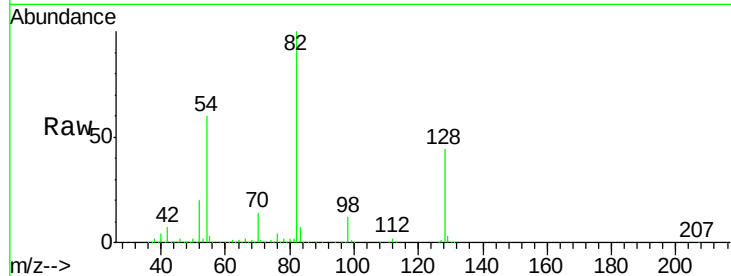




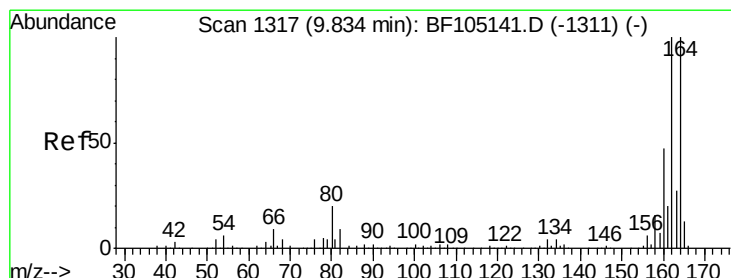
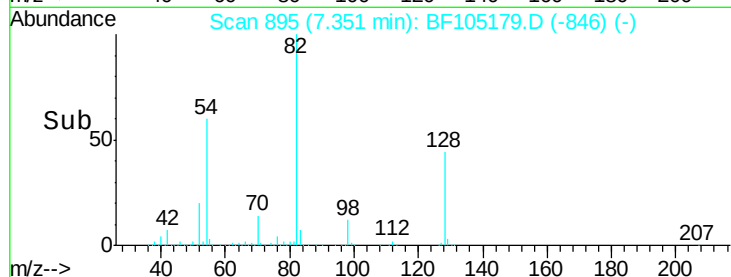
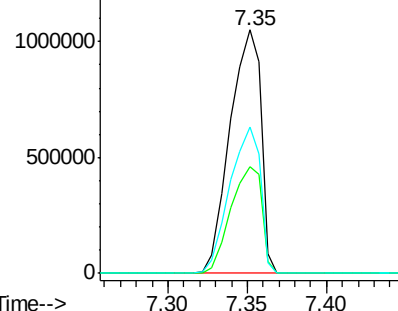
#23
 Nitrobenzene-d5
 Concen: 104.987 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF105179.D
 Acq: 9 May 2018 7:22

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

Tot Ion: 82 Resp: 1431716
 Ion Ratio Lower Upper
 82 100
 128 43.6 36.1 54.1
 54 59.9 41.4 62.2

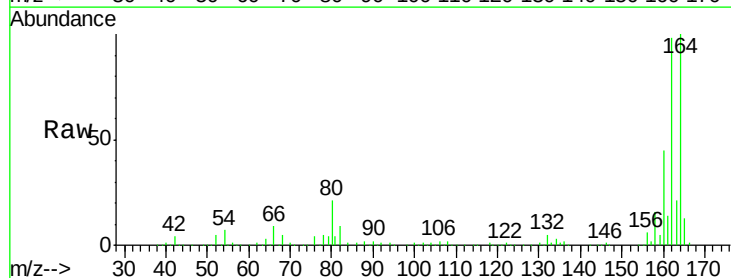


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

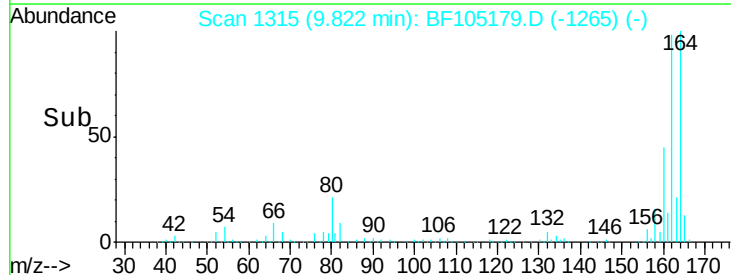
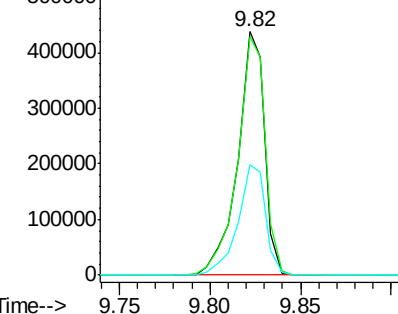


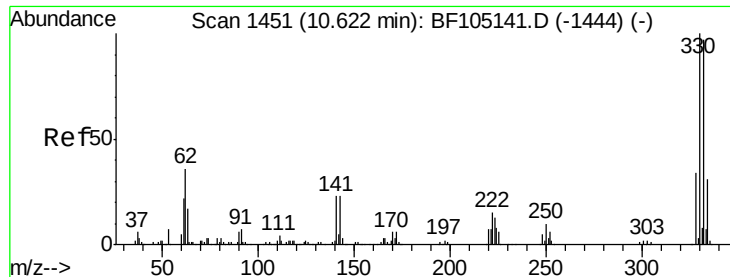
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF105179.D
 Acq: 9 May 2018 7:22

Tgt Ion:164 Resp: 449255
 Ion Ratio Lower Upper
 164 100
 162 98.0 86.1 129.1
 160 45.4 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

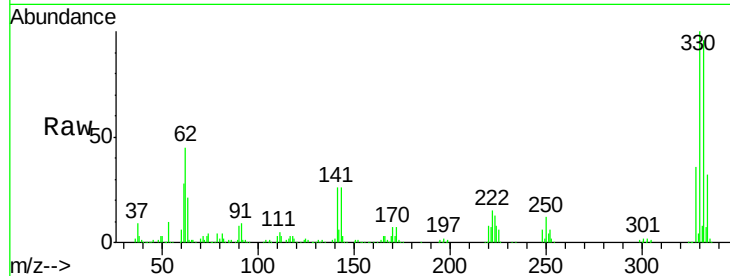




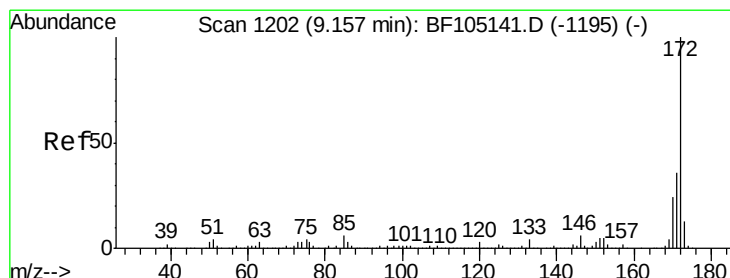
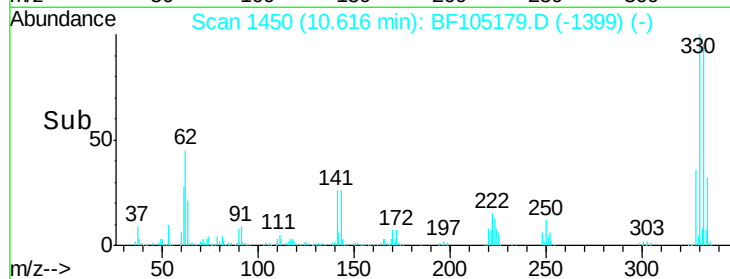
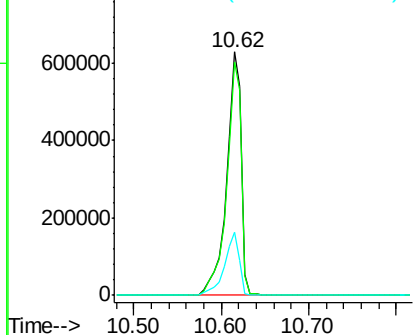
#41
 2,4,6-Tribromophenol
 Concen: 146.964 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.00 min
 Lab File: BF105179.D
 Acq: 9 May 2018 7:22

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	26.4	29.9	44.9#

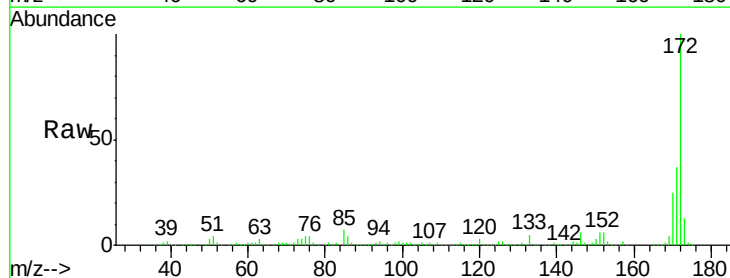


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

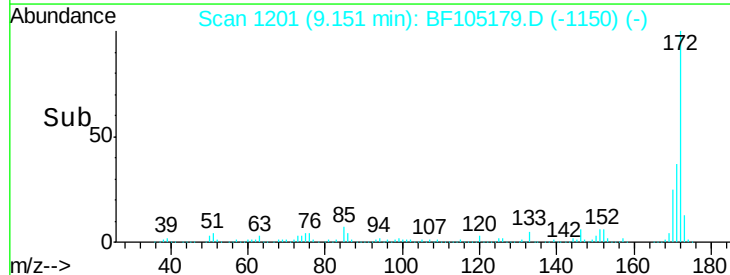
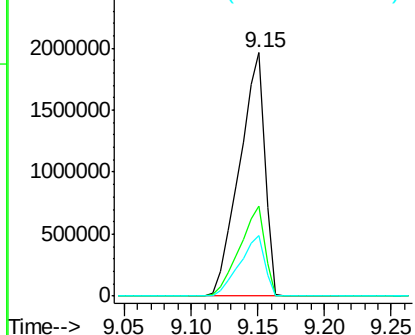


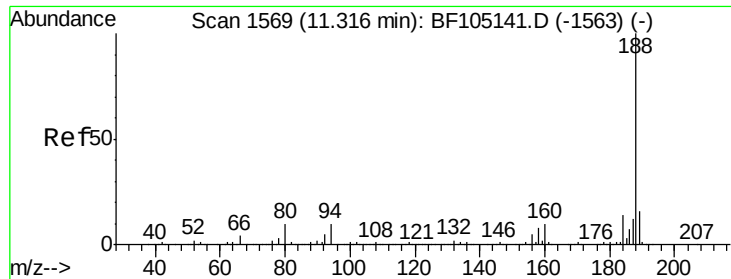
#44
 2-Fluorobiphenyl
 Concen: 88.949 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF105179.D
 Acq: 9 May 2018 7:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	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

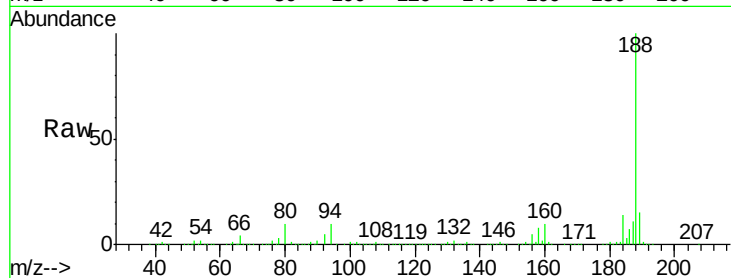




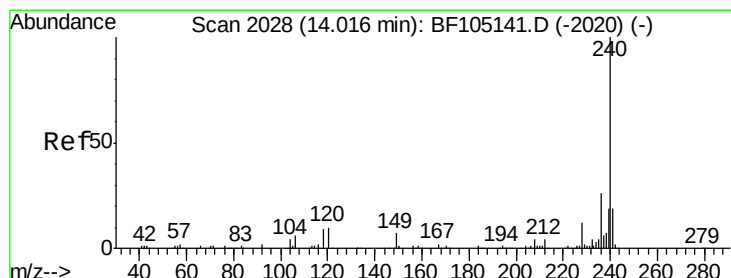
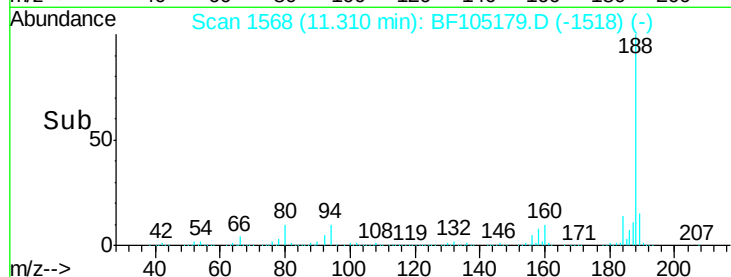
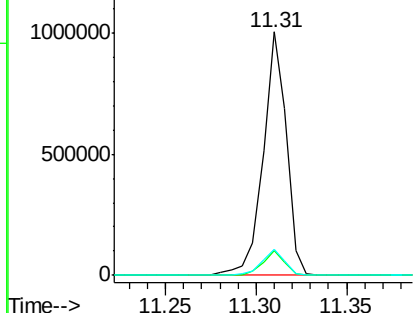
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105179.D
Acq: 9 May 2018 7:22

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

Tot Ion:188 Resp: 890120
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.5 9.2 13.8

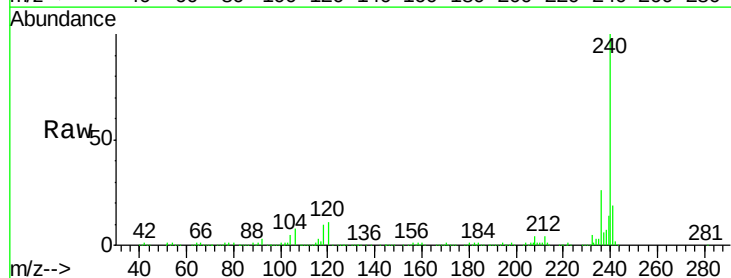


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

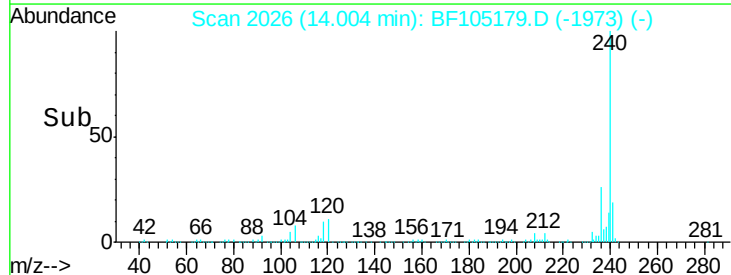
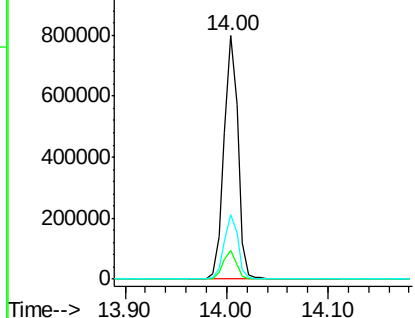


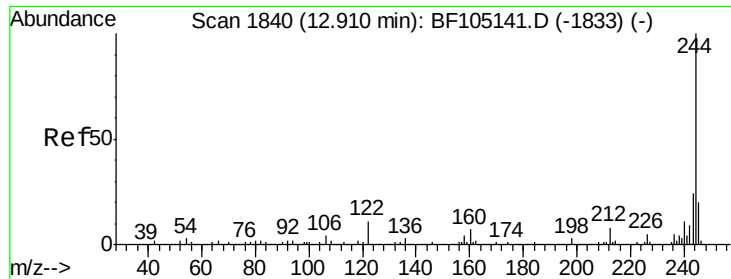
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF105179.D
Acq: 9 May 2018 7:22

Tgt Ion:240 Resp: 766511
Ion Ratio Lower Upper
240 100
120 11.5 9.5 14.3
236 26.4 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

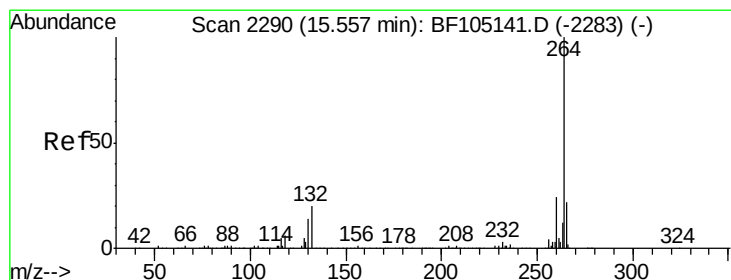
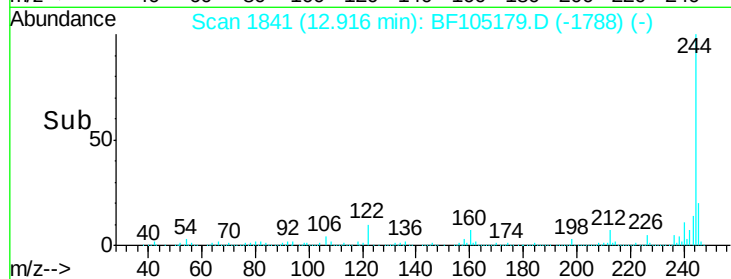
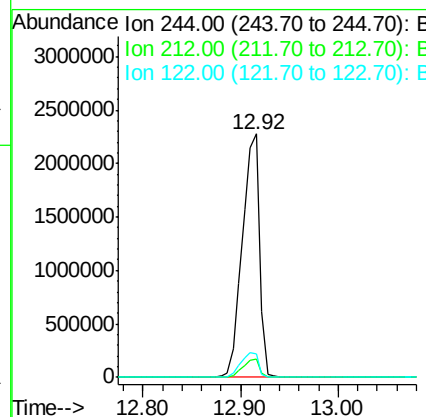
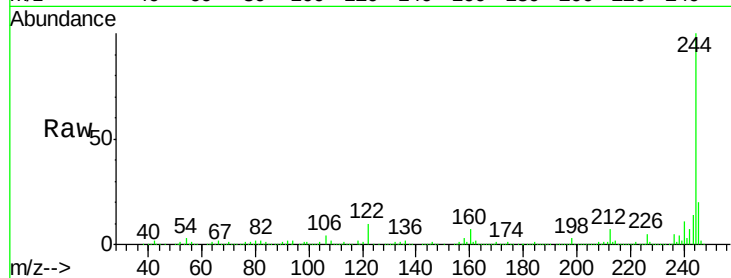




#78
 Terphenyl-d14
 Concen: 84.417 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF105179.D
 Acq: 9 May 2018 7:22

Instrument :
 BNA_F
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 PL-02-050418-C

Tot Ion:244 Resp: 2785623
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.0
 122 9.7 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2290
 Delta R.T. 0.05 min
 Lab File: BF105179.D
 Acq: 9 May 2018 7:22

Tgt Ion:264 Resp: 662157
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.8 17.5 26.3

