

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105178.D
 Acq On : 9 May 2018 6:56
 Operator : JU/SJ
 Sample : J2680-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

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

Quant Time: May 09 12:12:46 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 08 16:33:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	233714	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	925676	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	458360	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	911284	20.00	ng	0.00
75) Chrysene-d12	14.00	240	769195	20.00	ng	-0.01
86) Perylene-d12	15.56	264	610255	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1522617	107.33	ng	0.02
7) Phenol-d6	6.42	99	1693702	100.27	ng	0.00
23) Nitrobenzene-d5	7.36	82	1298980	95.11	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	680211	134.51	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2303038	77.99	ng	0.00
78) Terphenyl-d14	12.92	244	2684966	81.08	ng	0.00

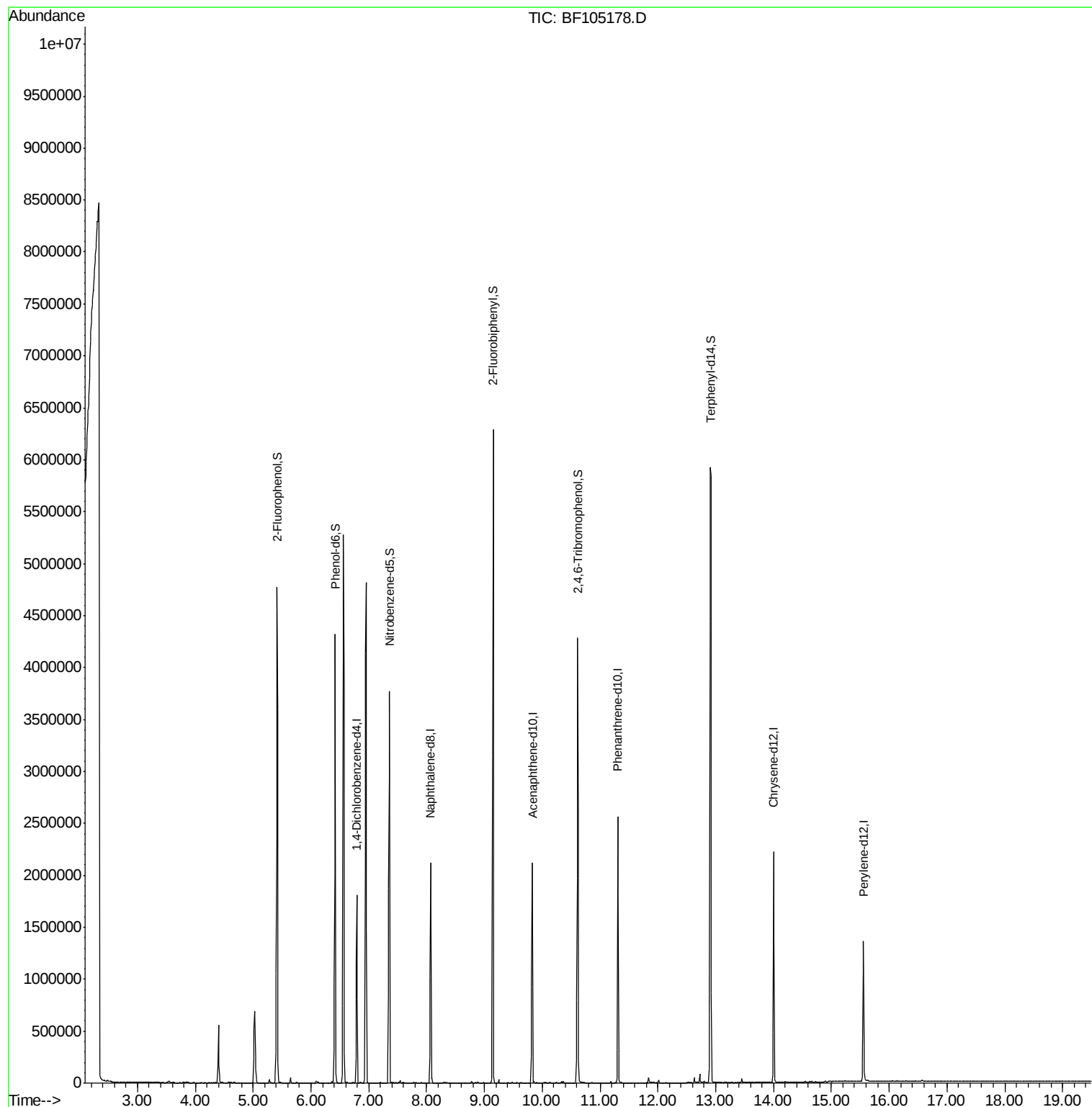
Target Compounds Qvalue

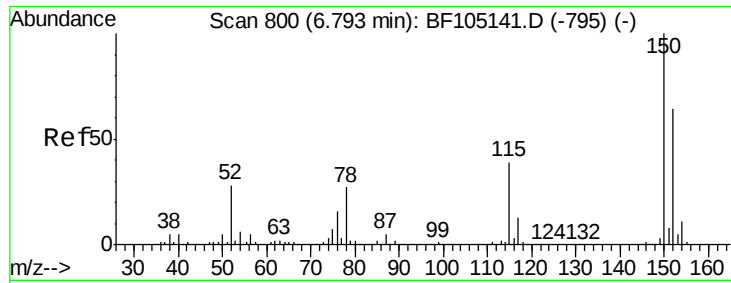
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
Data File : BF105178.D
Acq On : 9 May 2018 6:56
Operator : JU/SJ
Sample : J2680-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

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

Quant Time: May 09 12:12:46 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 08 16:33:54 2018
Response via : Initial Calibration



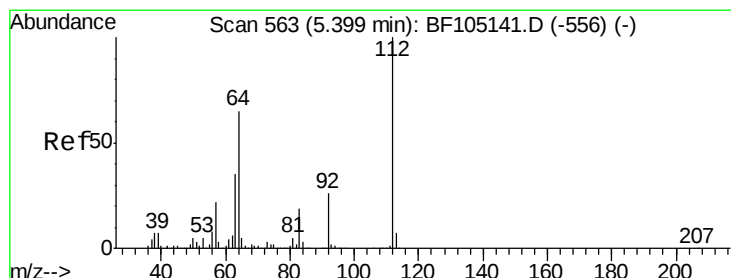
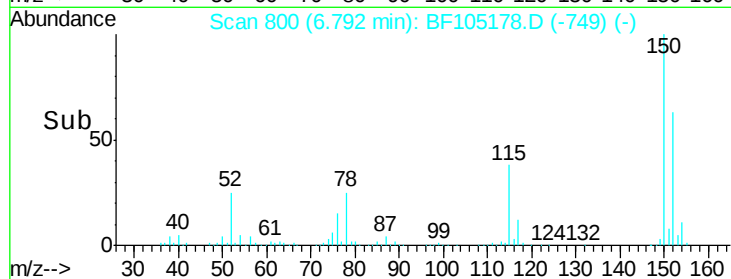
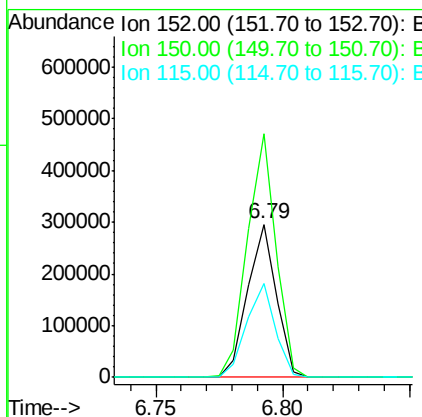
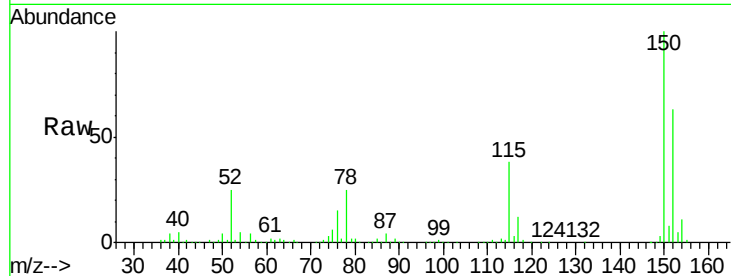


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF105178.D
 Acq: 9 May 2018 6:56

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

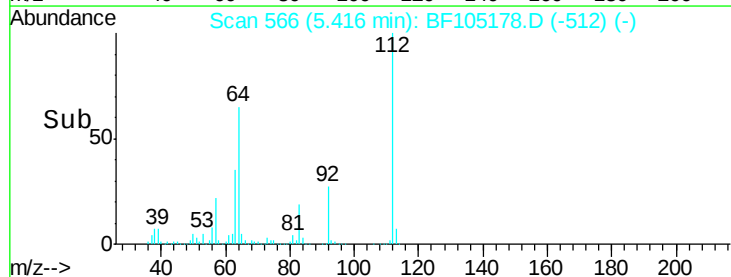
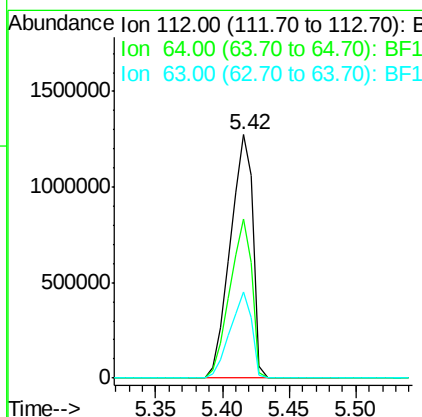
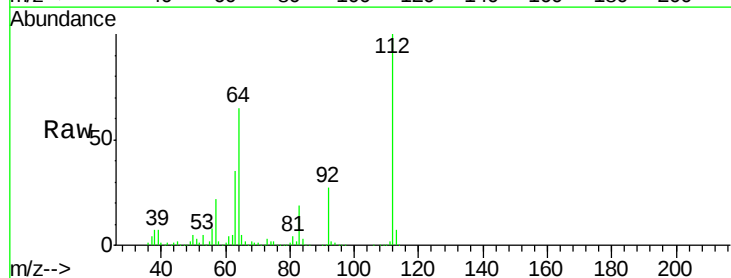
Tot Ion:152 Resp: 233714
 Ion Ratio Lower Upper
 152 100
 150 158.8 124.6 186.8
 115 60.8 50.1 75.1

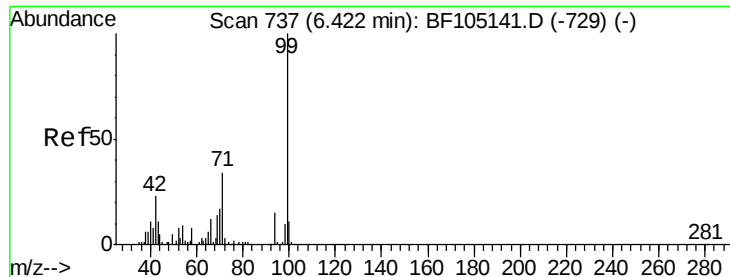


#5

2-Fluorophenol
 Concen: 107.328 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.02 min
 Lab File: BF105178.D
 Acq: 9 May 2018 6:56

Tgt Ion:112 Resp: 1522617
 Ion Ratio Lower Upper
 112 100
 64 65.4 47.9 71.9
 63 35.2 23.7 35.5





#7

Phenol-d6

Concen: 100.267 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF105178.D

Acq: 9 May 2018 6:56

Instrument :

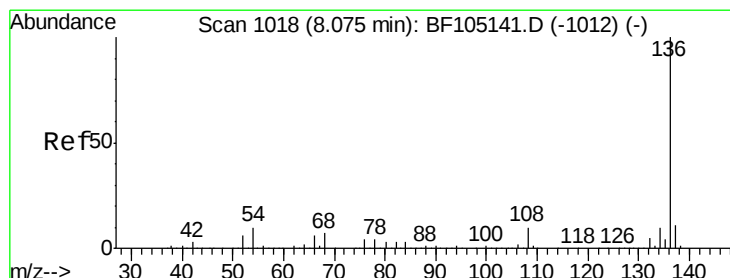
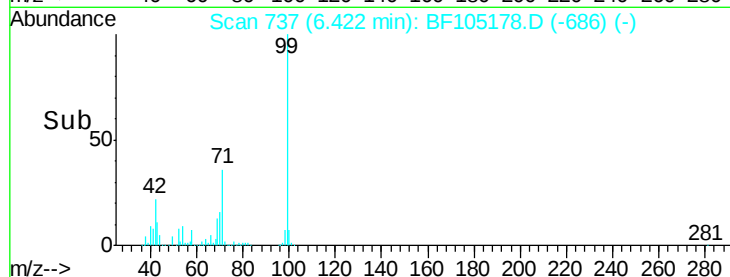
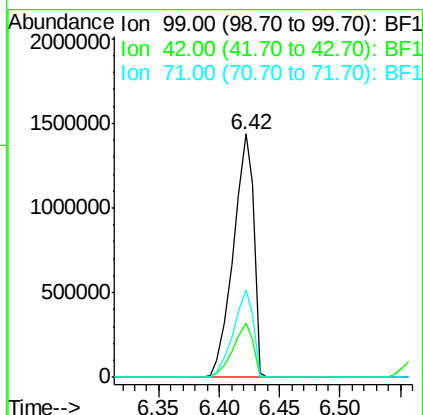
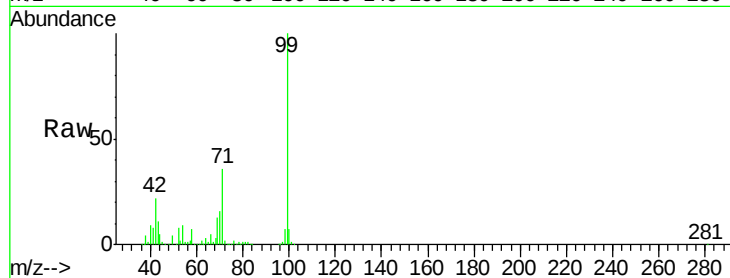
BNA_F

ClientSampleId :

PL-02-050418-B

Tot Ion: 99 Resp: 1693702

Ion	Ratio	Lower	Upper
99	100		
42	22.2	14.5	21.7#
71	36.1	25.4	38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

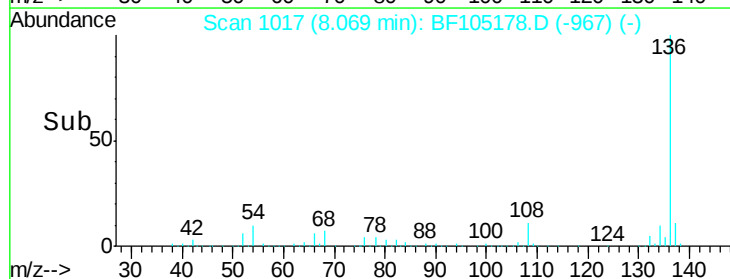
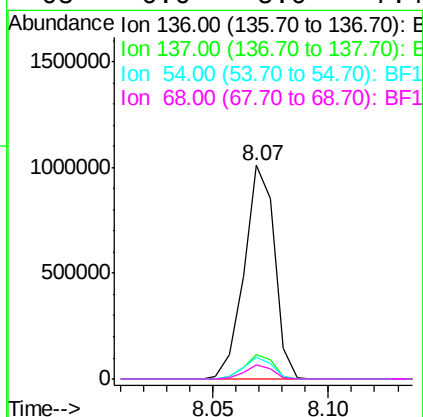
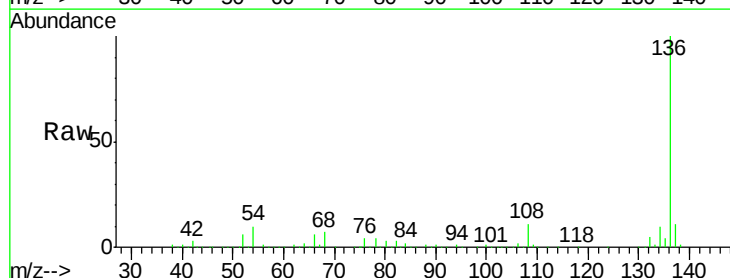
Delta R.T. -0.01 min

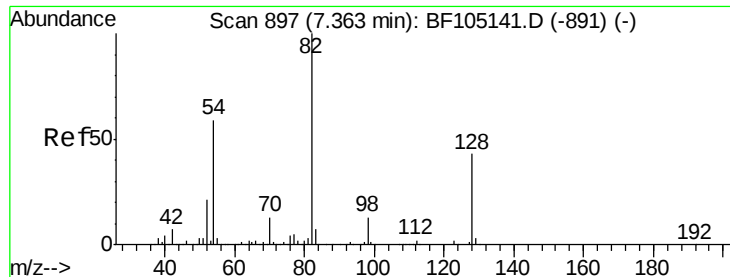
Lab File: BF105178.D

Acq: 9 May 2018 6:56

Tgt Ion: 136 Resp: 925676

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	10.2	6.6	9.8#
68	6.6	5.0	7.4

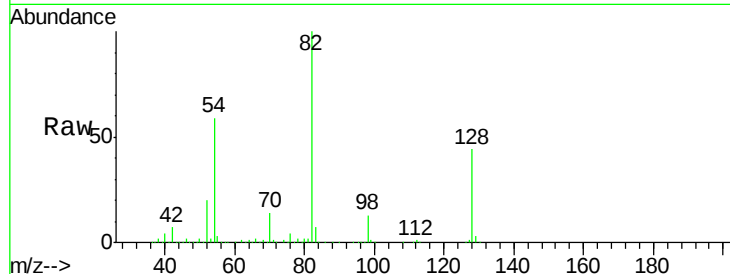




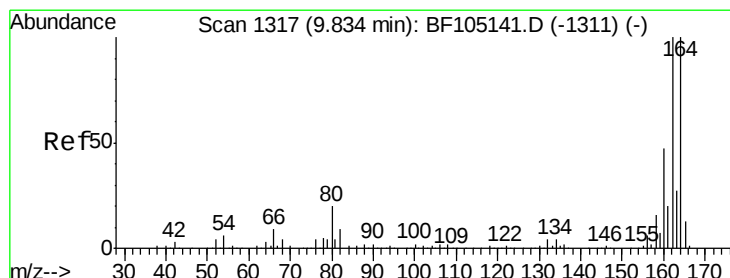
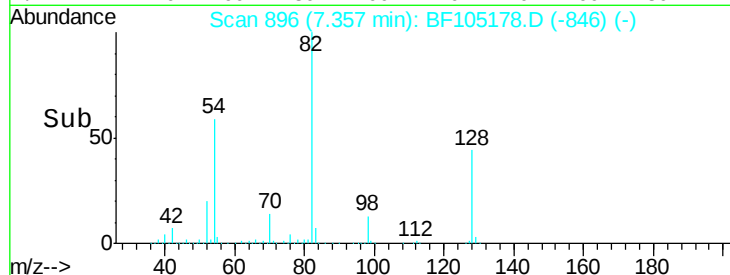
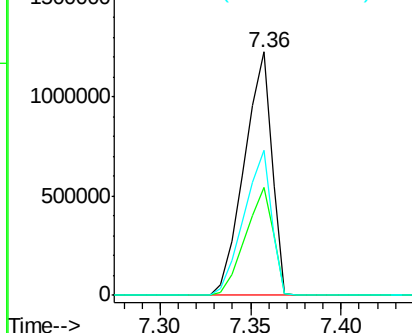
#23
Nitrobenzene-d5
Concen: 95.105 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105178.D
Acq: 9 May 2018 6:56

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

Tot Ion: 82 Resp: 1298980
Ion Ratio Lower Upper
82 100
128 44.5 36.1 54.1
54 59.3 41.4 62.2

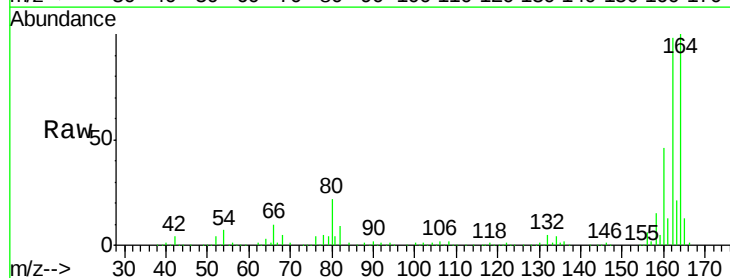


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

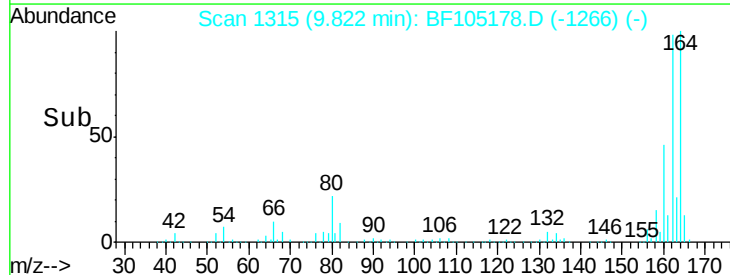
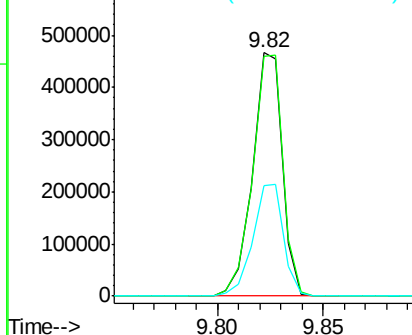


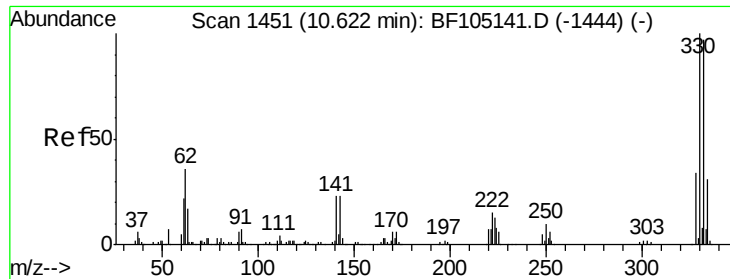
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF105178.D
Acq: 9 May 2018 6:56

Tgt Ion: 164 Resp: 458360
Ion Ratio Lower Upper
164 100
162 98.5 86.1 129.1
160 45.6 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

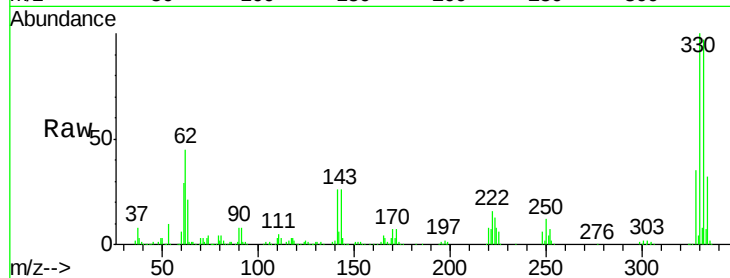




#41
 2,4,6-Tribromophenol
 Concen: 134.510 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF105178.D
 Acq: 9 May 2018 6:56

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	26.0	29.9	44.9#

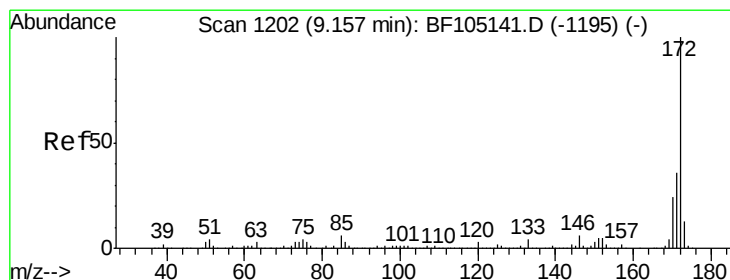
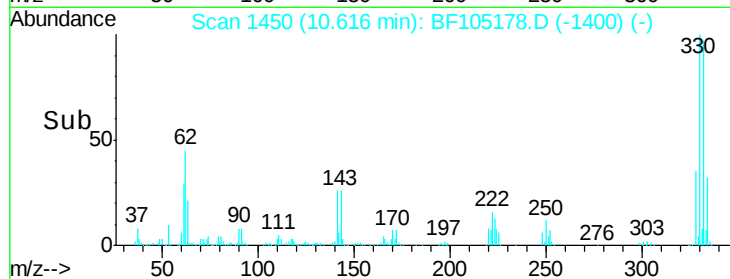
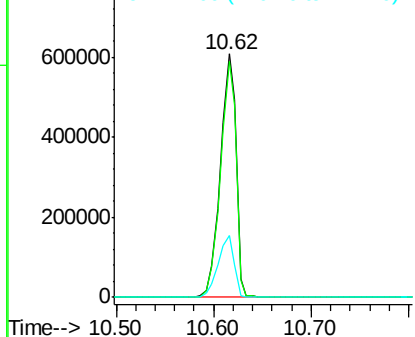


Abundance

Ion 329.80 (329.50 to 330.50): E

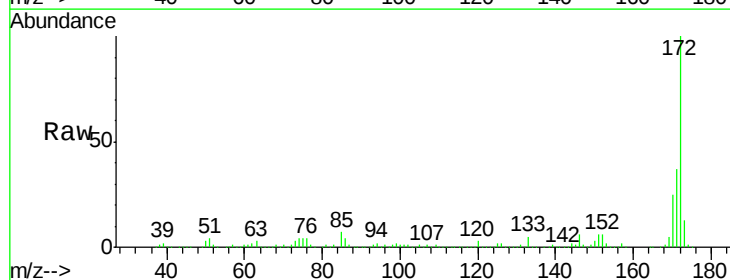
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.986 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105178.D
 Acq: 9 May 2018 6:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	25.1	19.6	29.4

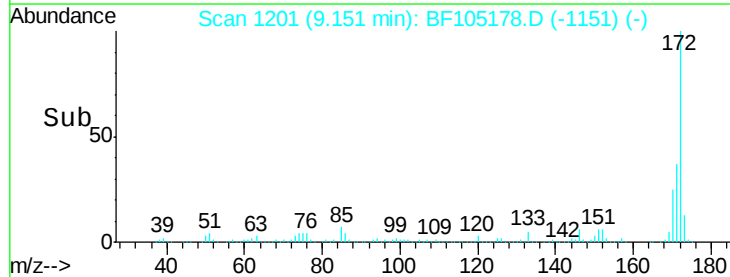
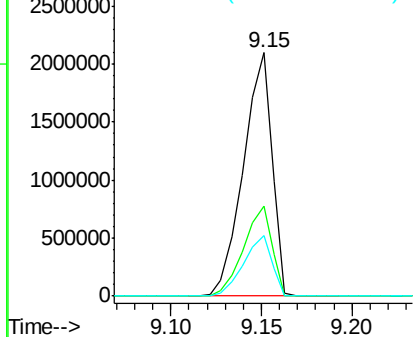


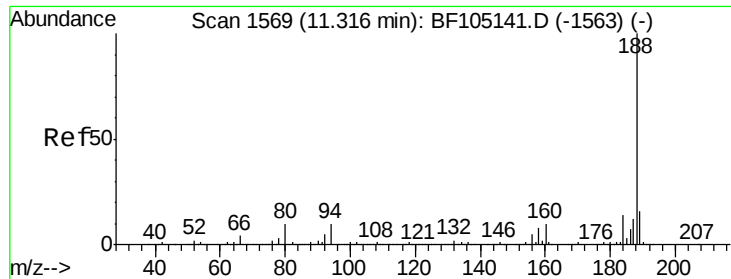
Abundance

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

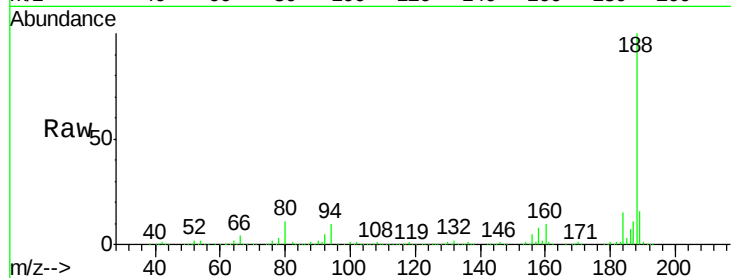




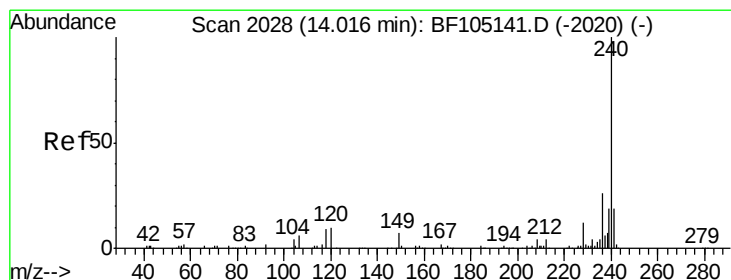
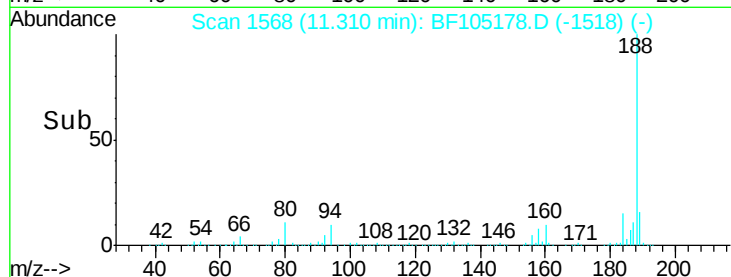
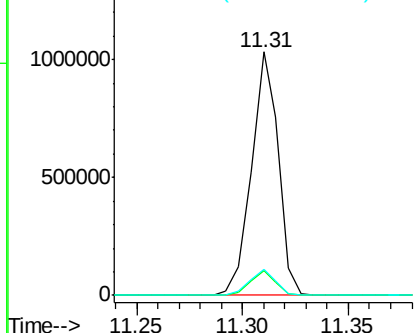
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105178.D
Acq: 9 May 2018 6:56

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

Tot Ion:188 Resp: 911284
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.7 9.2 13.8

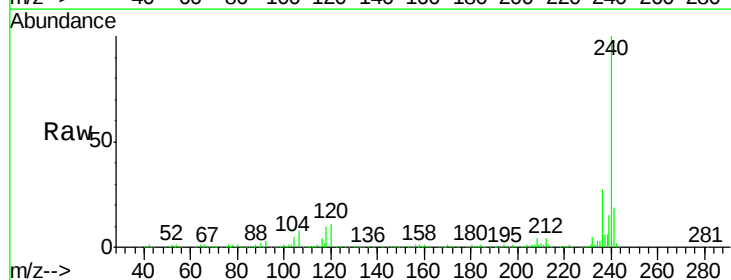


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

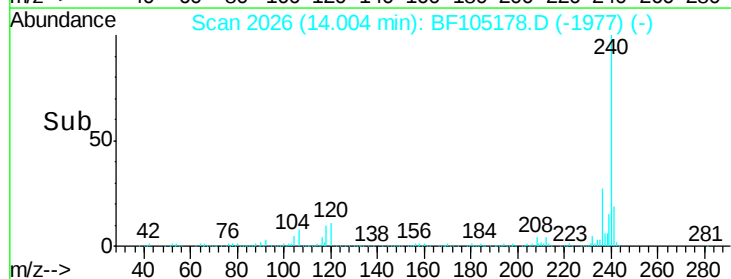
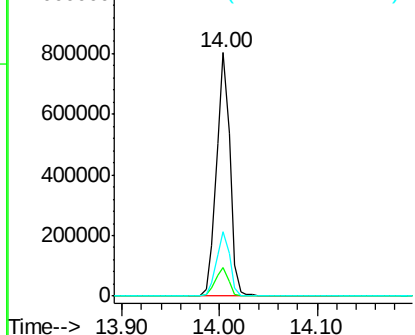


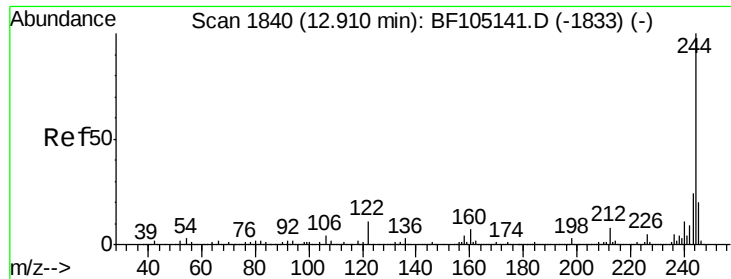
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF105178.D
Acq: 9 May 2018 6:56

Tgt Ion:240 Resp: 769195
Ion Ratio Lower Upper
240 100
120 11.5 9.5 14.3
236 26.5 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

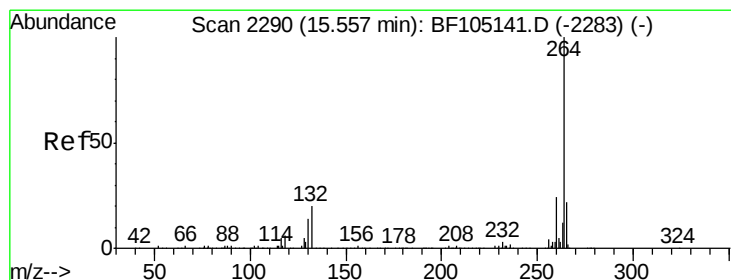
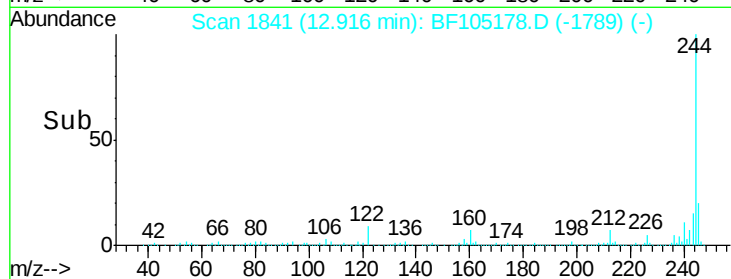
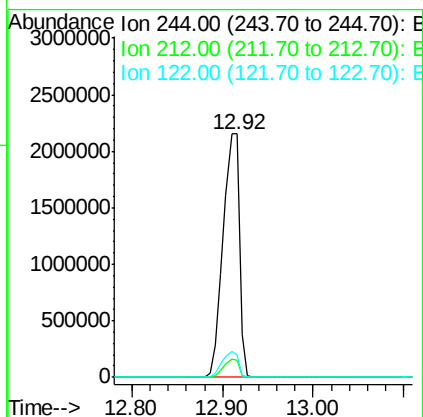
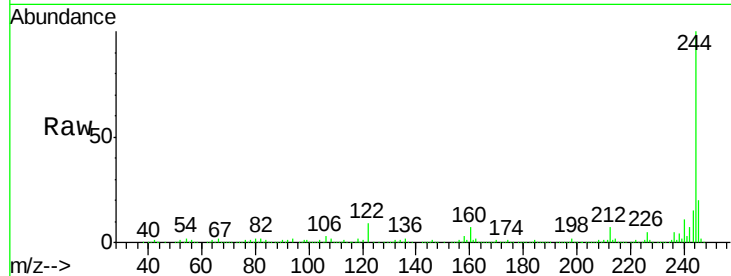




#78
 Terphenyl-d14
 Concen: 81.082 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF105178.D
 Acq: 9 May 2018 6:56

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

Tot Ion:244 Resp: 2684966
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 9.3 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BF105178.D
 Acq: 9 May 2018 6:56

Tgt Ion:264 Resp: 610255
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.2 17.5 26.3

