

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103474.D
 Acq On : 6 Mar 2018 23:41
 Operator : SJ/JU
 Sample : J1779-01 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-5DL

Quant Time: Mar 07 02:09:28 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 11:52:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	115358	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	480561	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	194612	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	298329	20.00	ng	0.00
75) Chrysene-d12	14.06	240	209082	20.00	ng	0.00
86) Perylene-d12	15.57	264	152972	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	73018	9.57	ng	0.03
7) Phenol-d6	6.54	99	105514	11.31	ng	0.02
23) Nitrobenzene-d5	7.46	82	66624	7.92	ng	0.01
41) 2,4,6-Tribromophenol	10.72	330	8786	5.33	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	129517	7.23	ng	0.00
78) Terphenyl-d14	12.99	244	92954	10.69	ng	0.00

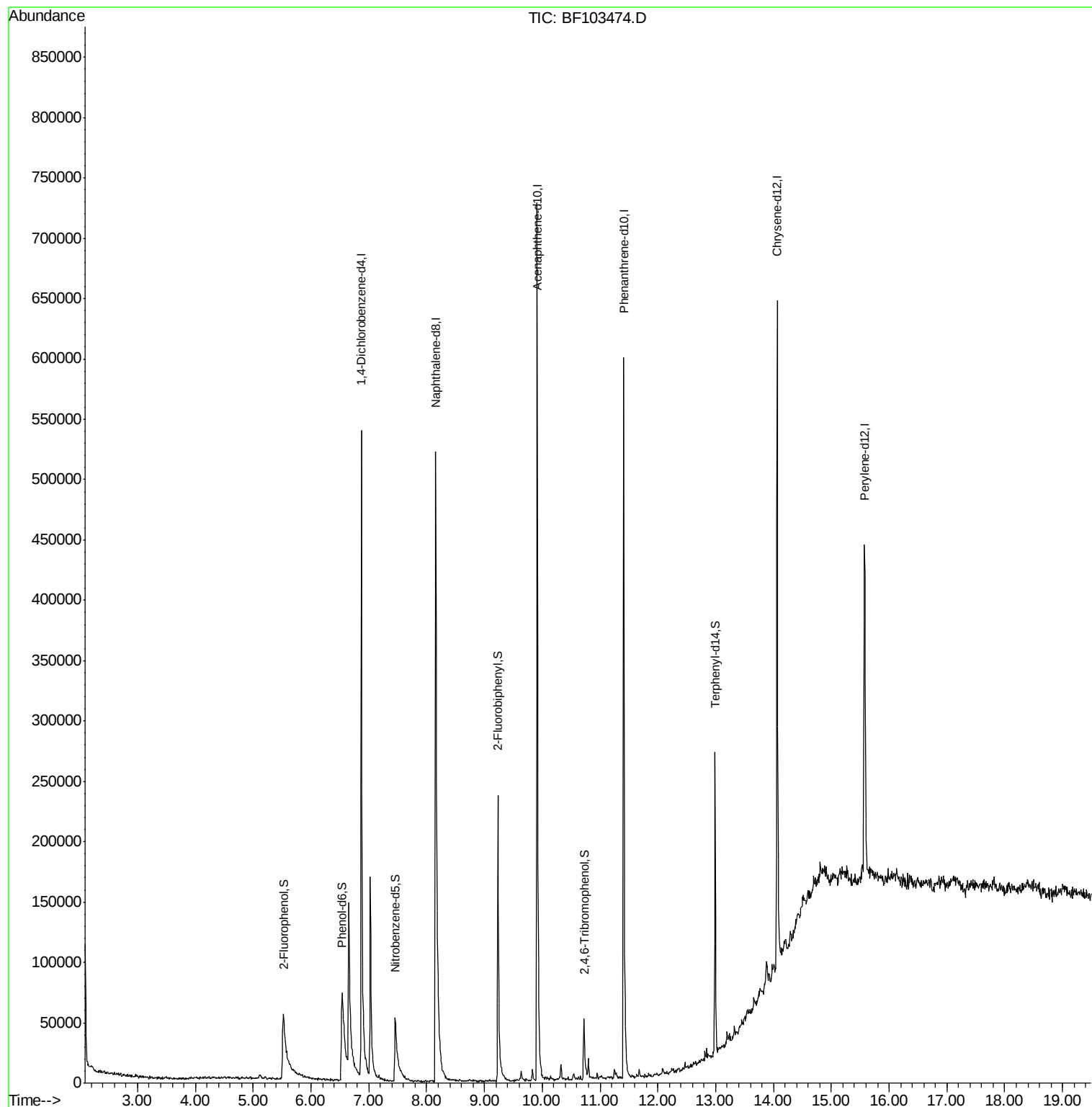
Target Compounds Qvalue

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

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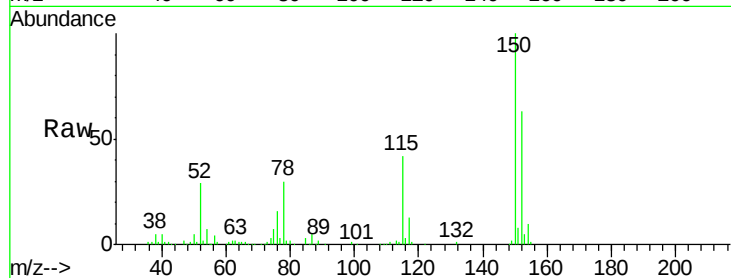


#1

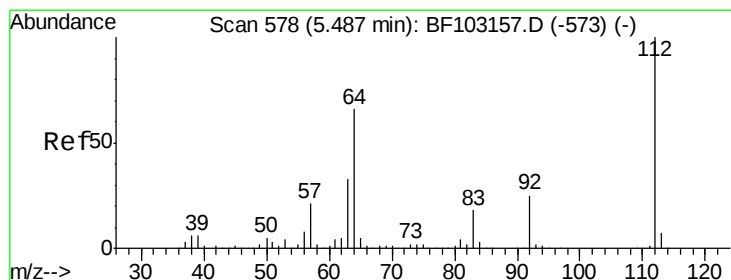
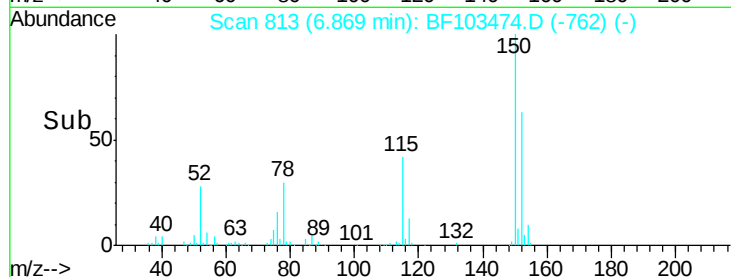
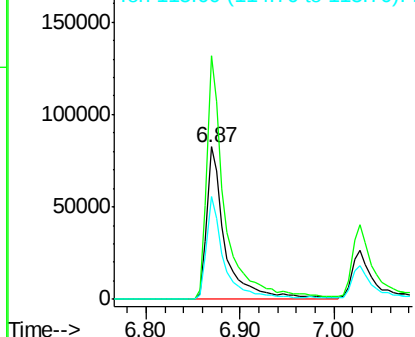
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103474.D
Acq: 6 Mar 2018 23:41

Instrument :
BNA_F
ClientSampleId :
DRUM-5DL

Tot Ion:152 Resp: 115358
Ion Ratio Lower Upper
152 100
150 159.5 124.6 186.8
115 67.1 50.1 75.1



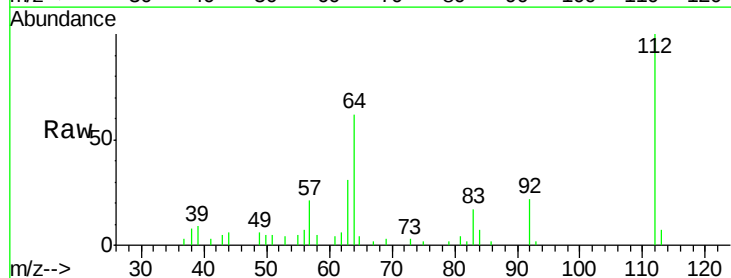
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



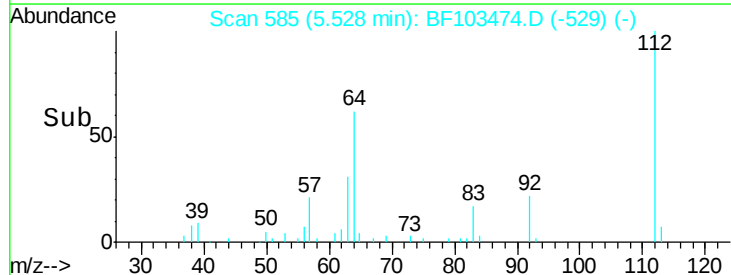
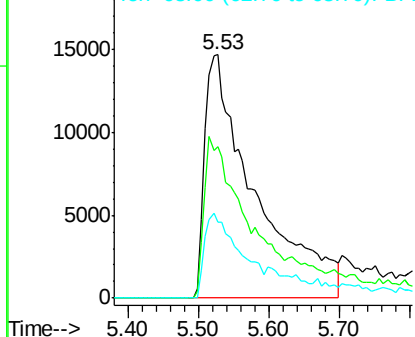
#5

2-Fluorophenol
Concen: 9.573 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.03 min
Lab File: BF103474.D
Acq: 6 Mar 2018 23:41

Tgt Ion:112 Resp: 73018
Ion Ratio Lower Upper
112 100
64 62.3 47.9 71.9
63 31.2 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: 11.305 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF103474.D

Acq: 6 Mar 2018 23:41

Instrument :

BNA_F

ClientSampleId :

DRUM-5DL

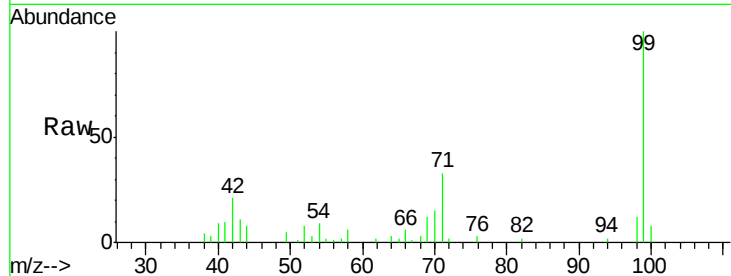
Tot Ion: 99 Resp: 105514

Ion Ratio Lower Upper

99 100

42 21.5 14.5 21.7

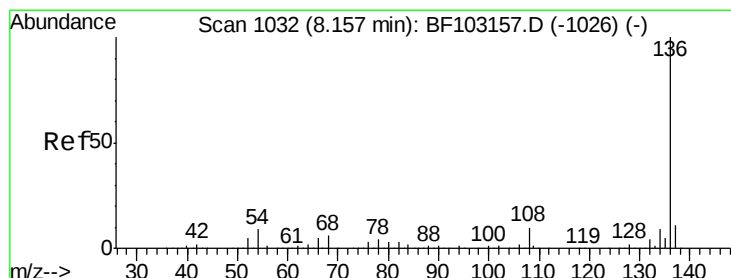
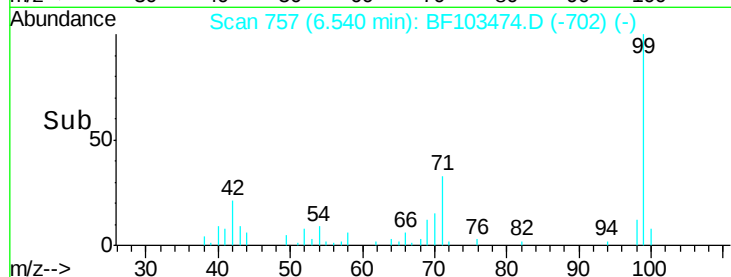
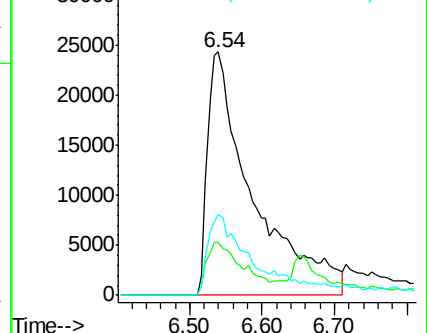
71 33.4 25.4 38.0



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: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103474.D

Acq: 6 Mar 2018 23:41

Tgt Ion: 136 Resp: 480561

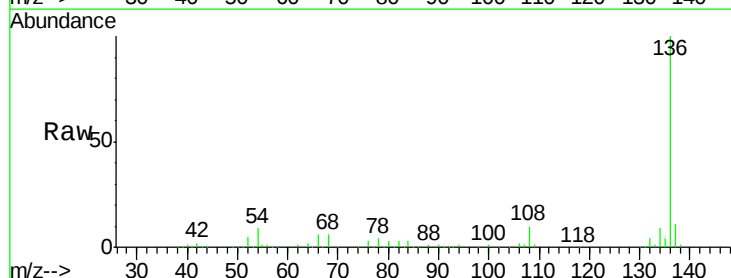
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 8.7 6.6 9.8

68 6.5 5.0 7.4

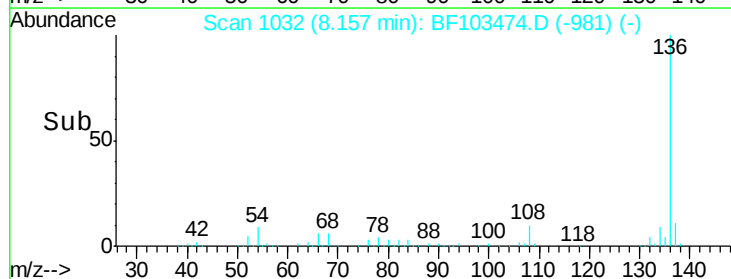
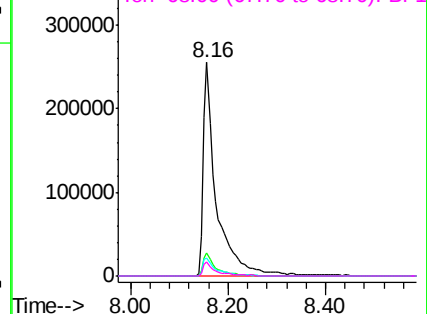


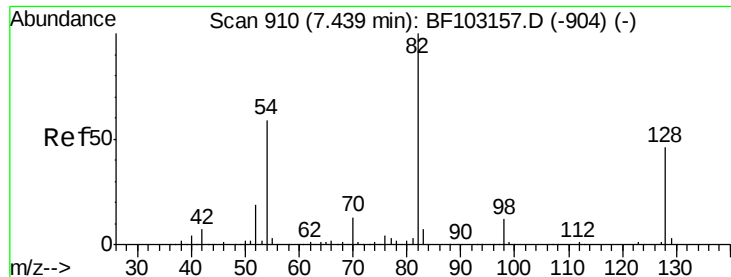
Abundance Ion 136.00 (135.70 to 136.70): E

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

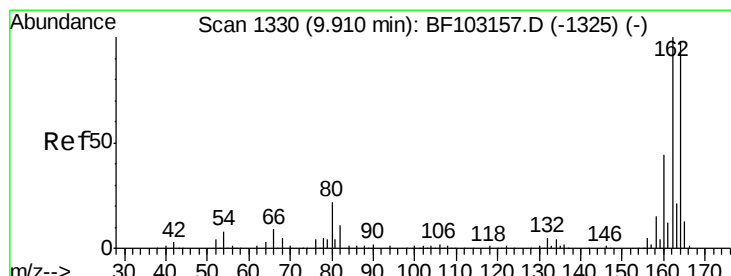
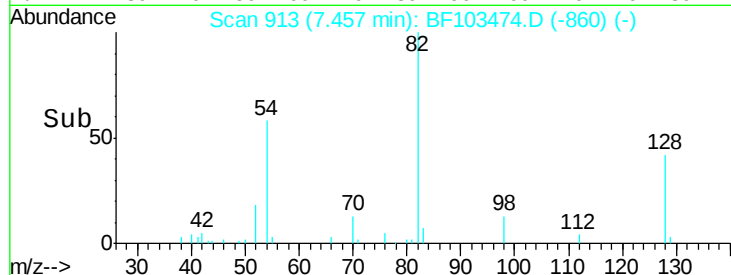
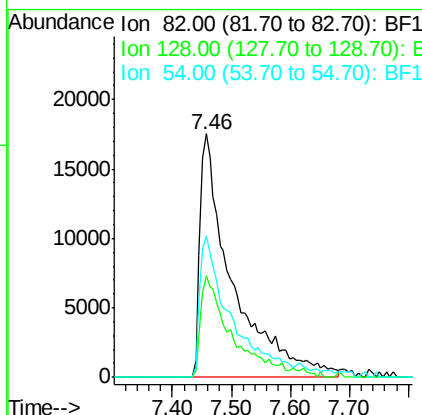
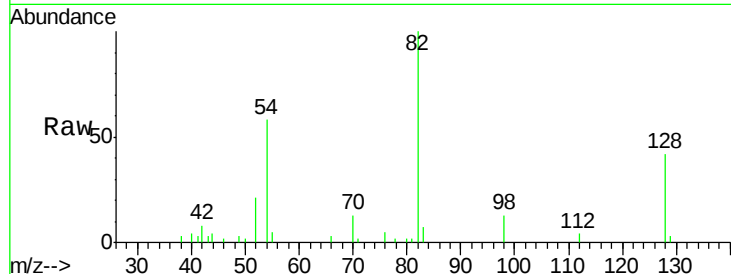




#23
 Nitrobenzene-d5
 Concen: 7.917 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: BF103474.D
 Acq: 6 Mar 2018 23:41

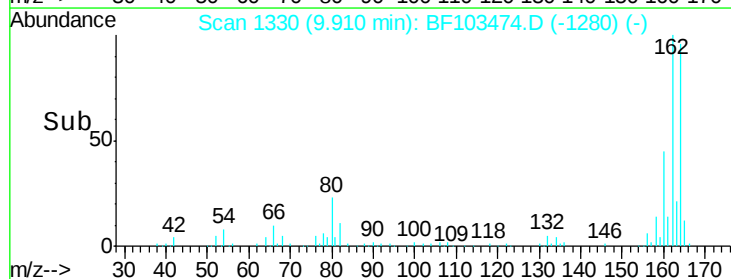
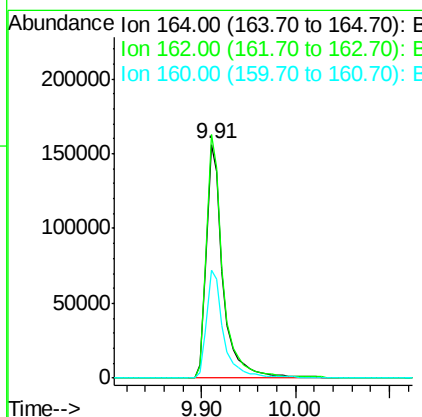
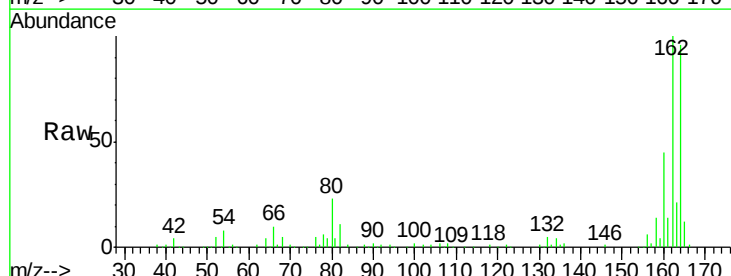
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-5DL

Tot Ion: 82 Resp: 66624
 Ion Ratio Lower Upper
 82 100
 128 41.6 36.1 54.1
 54 58.0 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF103474.D
 Acq: 6 Mar 2018 23:41

Tgt Ion:164 Resp: 194612
 Ion Ratio Lower Upper
 164 100
 162 104.1 86.1 129.1
 160 46.3 38.3 57.5

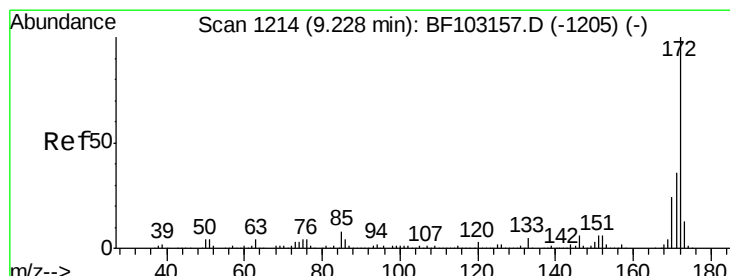
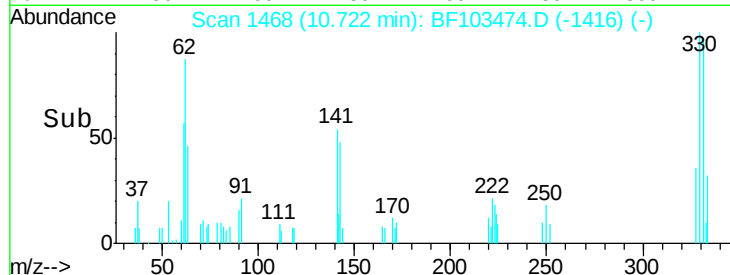
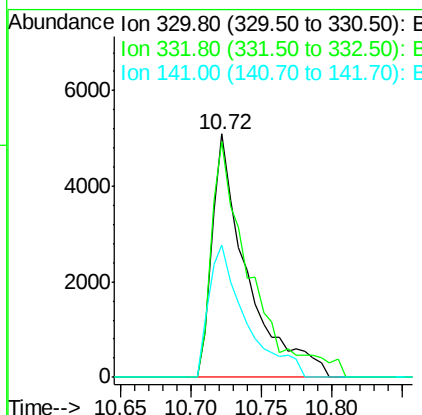
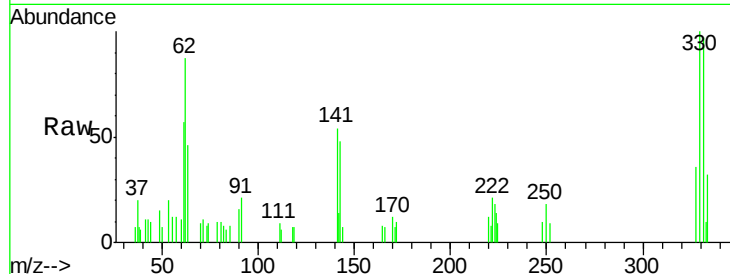




#41
 2,4,6-Tribromophenol
 Concen: 5.334 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.01 min
 Lab File: BF103474.D
 Acq: 6 Mar 2018 23:41

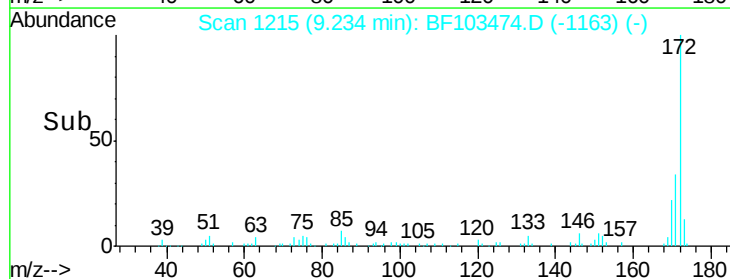
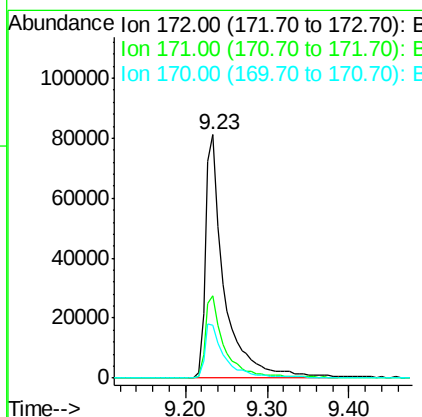
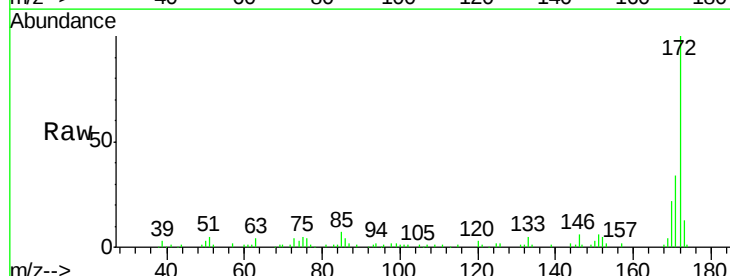
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-5DL

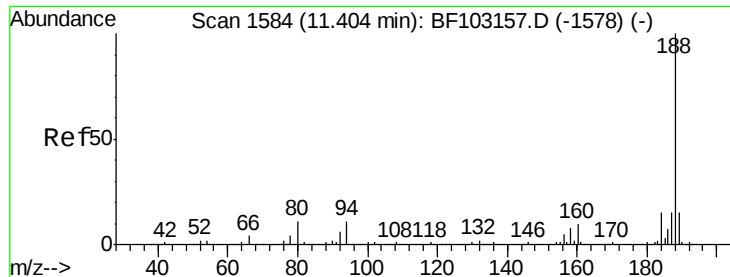
Tot Ion:330 Resp: 8786
 Ion Ratio Lower Upper
 330 100
 332 107.0 77.0 115.6
 141 57.0 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 7.229 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF103474.D
 Acq: 6 Mar 2018 23:41

Tgt Ion:172 Resp: 129517
 Ion Ratio Lower Upper
 172 100
 171 33.8 29.7 44.5
 170 22.0 19.6 29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF103474.D

Acq: 6 Mar 2018 23:41

Instrument :

BNA_F

ClientSampleId :

DRUM-5DL

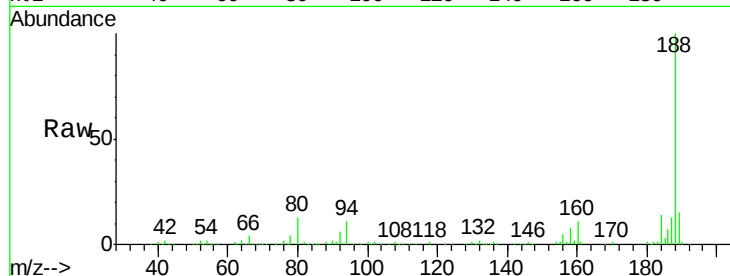
Tot Ion:188 Resp: 298329

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

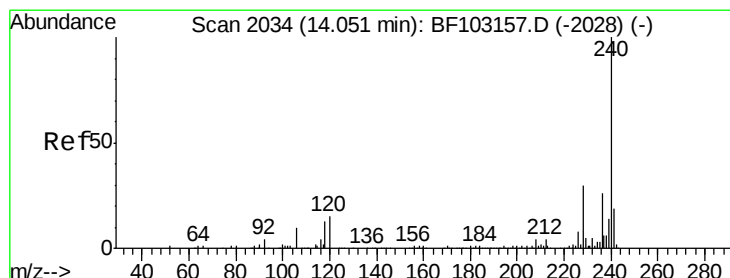
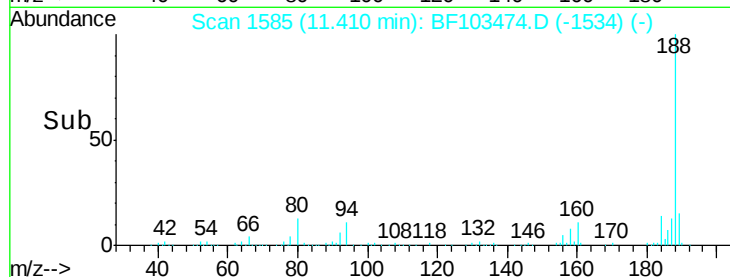
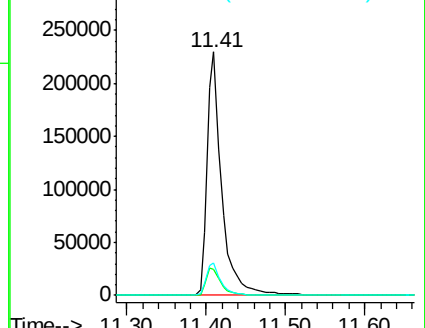
80 13.1 9.2 13.8



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: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF103474.D

Acq: 6 Mar 2018 23:41

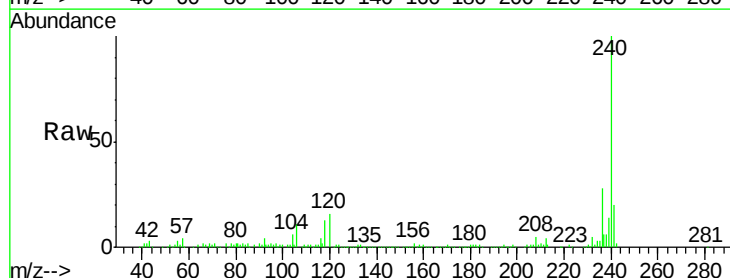
Tgt Ion:240 Resp: 209082

Ion Ratio Lower Upper

240 100

120 15.7 9.5 14.3#

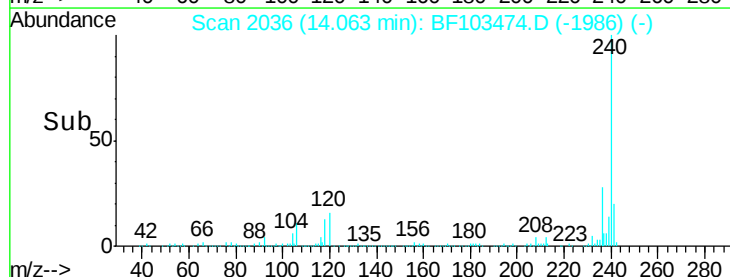
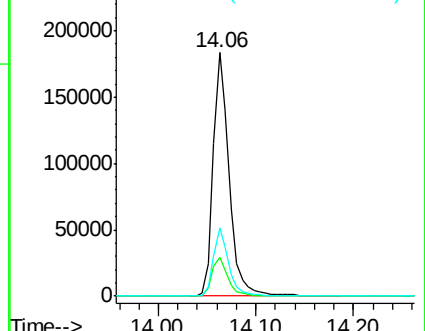
236 27.9 20.7 31.1

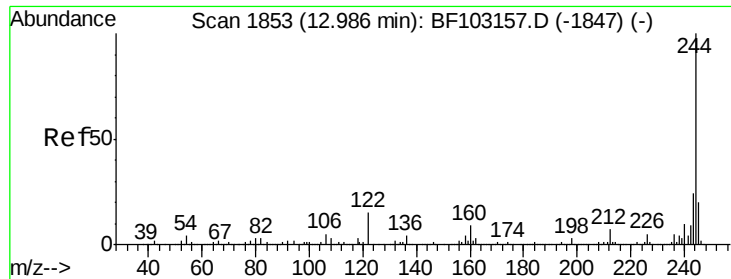


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

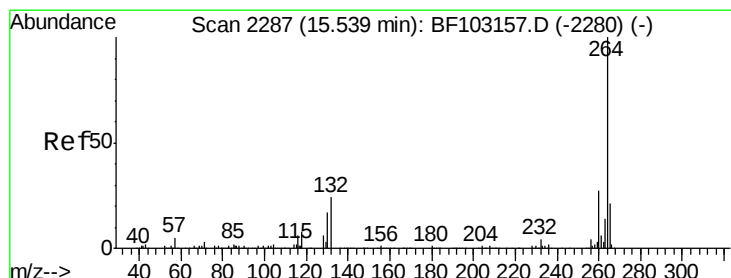
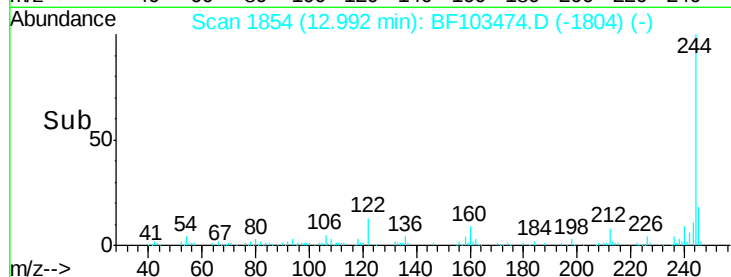
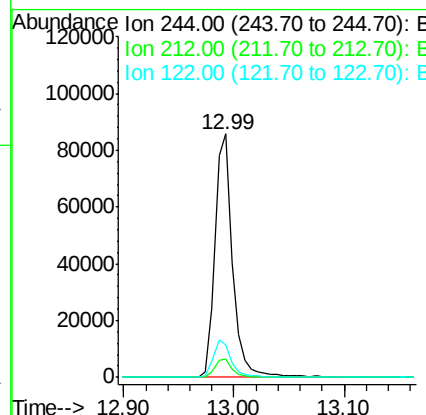
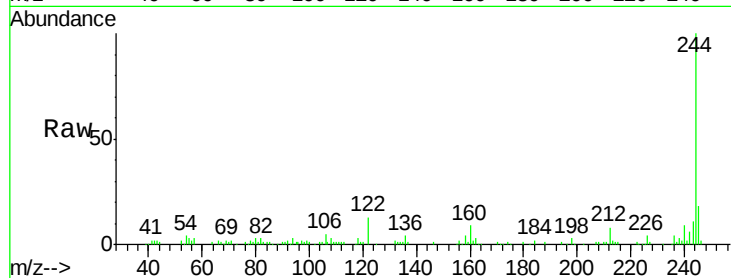




#78
 Terphenyl-d14
 Concen: 10.687 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF103474.D
 Acq: 6 Mar 2018 23:41

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-5DL

Tot Ion:244 Resp: 92954
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.0
 122 13.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BF103474.D
 Acq: 6 Mar 2018 23:41

Tgt Ion:264 Resp: 152972
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 20.9 17.5 26.3

