

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103488.D
 Acq On : 7 Mar 2018 6:45
 Operator : SJ/JU
 Sample : J1802-01 50X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-2

Quant Time: Mar 07 13:10:57 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 07 12:59:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	108208	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	484304	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	189561	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	245893	20.00	ng	0.00
75) Chrysene-d12	14.06	240	208514	20.00	ng	0.00
86) Perylene-d12	15.57	264	166660	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	639	0.09	ng	0.13
7) Phenol-d6	6.62	99	2451	0.28	ng	0.11
23) Nitrobenzene-d5	7.51	82	2240	0.26	ng	0.06
41) 2,4,6-Tribromophenol	10.73	330	692	0.43	ng	0.01
44) 2-Fluorobiphenyl	9.23	172	14203	1.27	ng	0.00
78) Terphenyl-d14	12.99	244	9686	1.12	ng	0.00

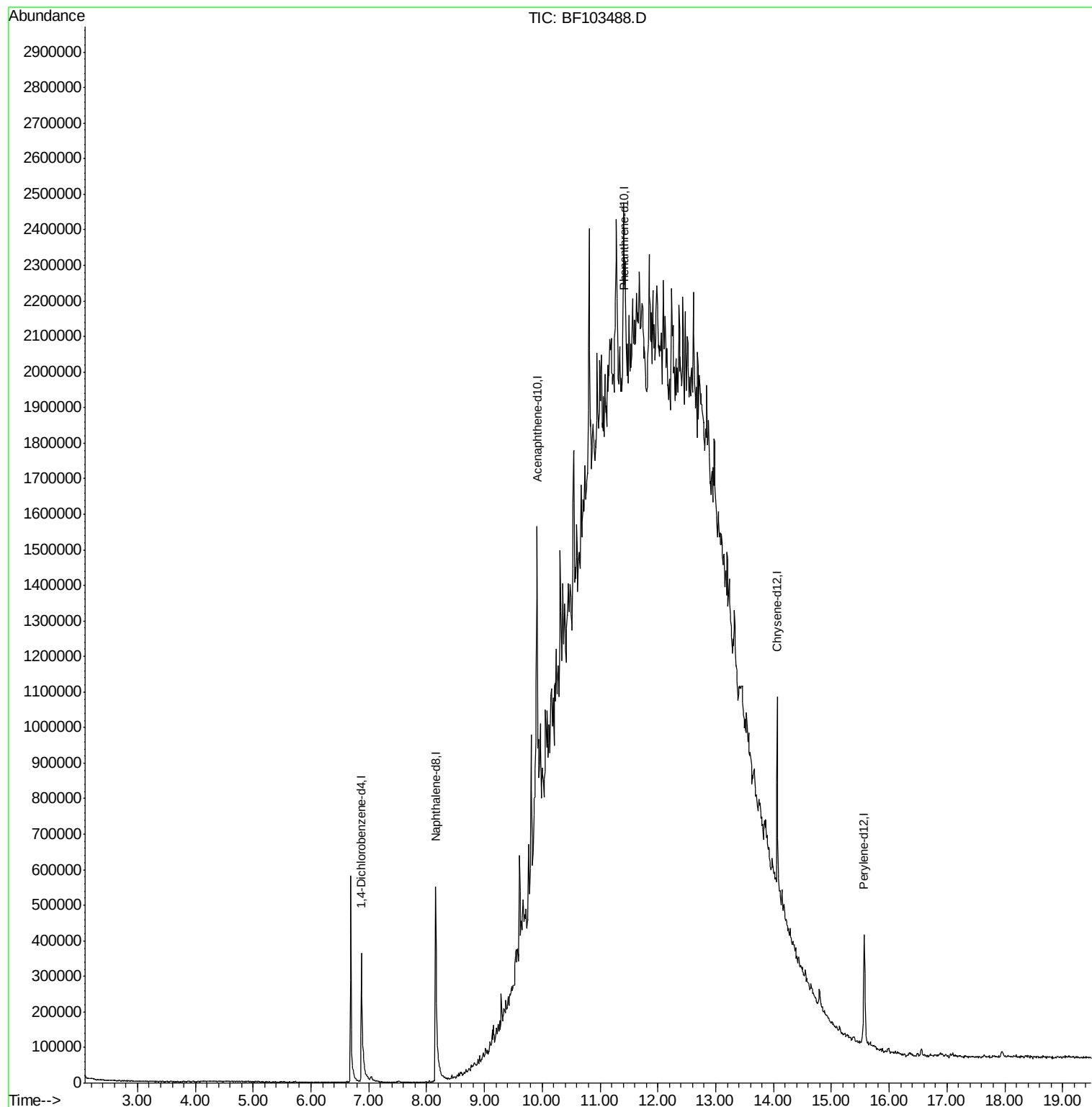
Target Compounds Qvalue

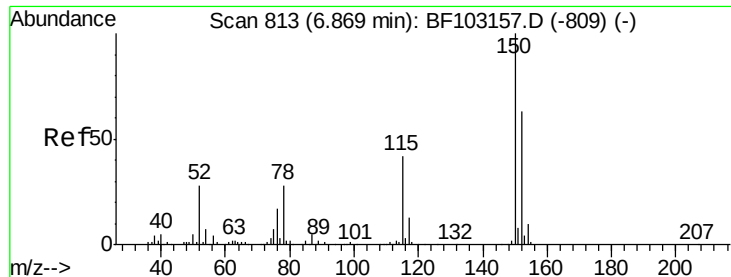
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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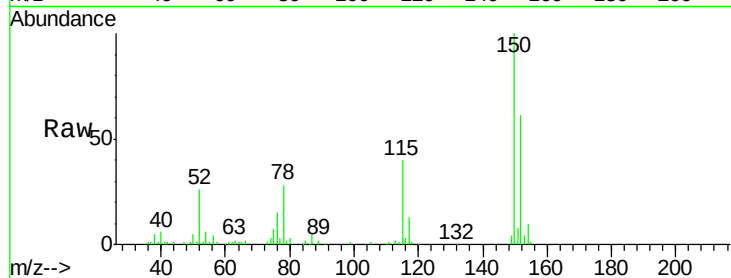


#1

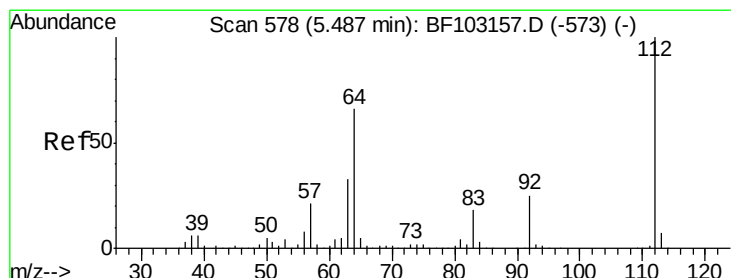
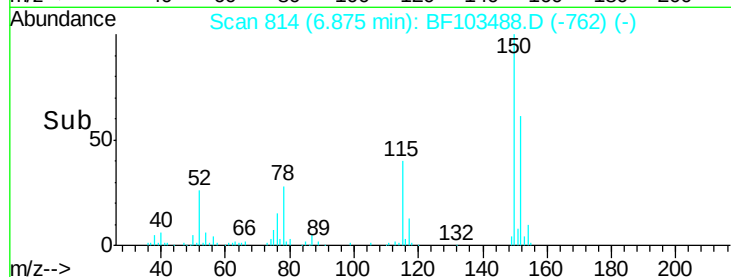
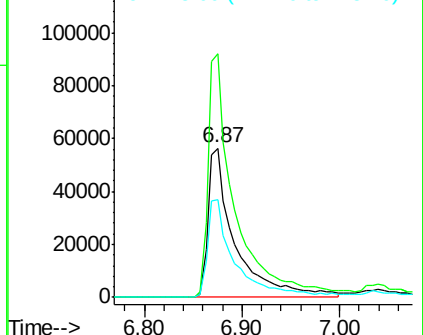
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103488.D
Acq: 7 Mar 2018 6:45

Instrument :
BNA_F
ClientSampleId :
DRUM-1-2

Tot Ion:152 Resp: 108208
Ion Ratio Lower Upper
152 100
150 163.0 124.6 186.8
115 65.5 50.1 75.1



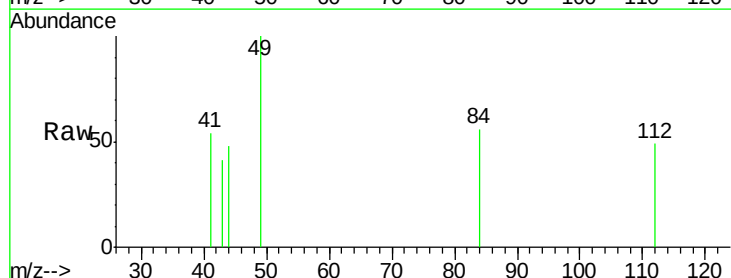
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



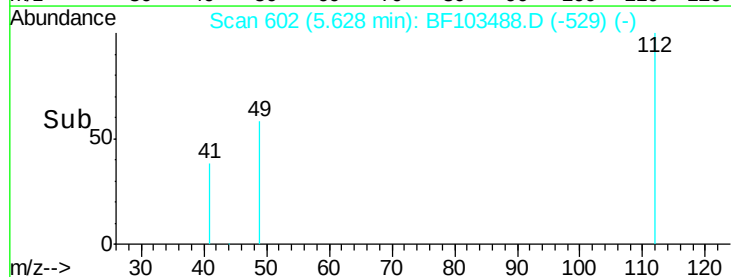
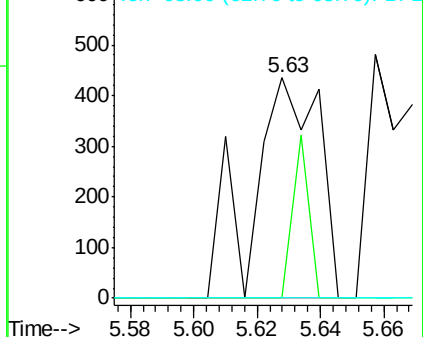
#5

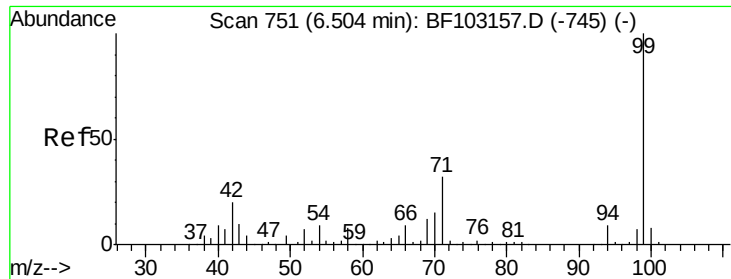
2-Fluorophenol
Concen: 0.089 ng
RT: 5.63 min Scan# 602
Delta R.T. 0.13 min
Lab File: BF103488.D
Acq: 7 Mar 2018 6:45

Tgt Ion:112 Resp: 639
Ion Ratio Lower Upper
112 100
64 0.0 47.9 71.9#
63 0.0 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: 0.280 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.11 min

Lab File: BF103488.D

Acq: 7 Mar 2018 6:45

Instrument :

BNA_F

ClientSampleId :

DRUM-1-2

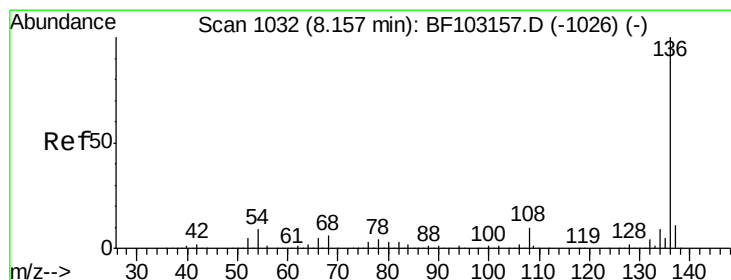
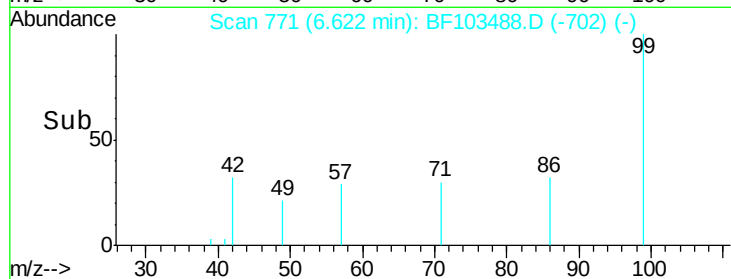
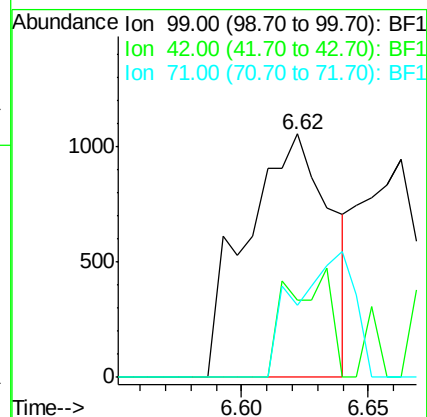
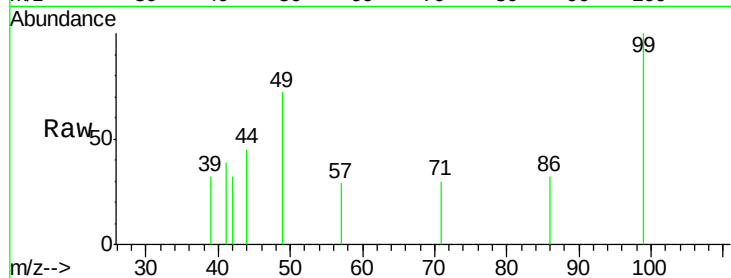
Tot Ion: 99 Resp: 2451

Ion Ratio Lower Upper

99 100

42 31.5 14.5 21.7#

71 29.7 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103488.D

Acq: 7 Mar 2018 6:45

Tgt Ion: 136 Resp: 484304

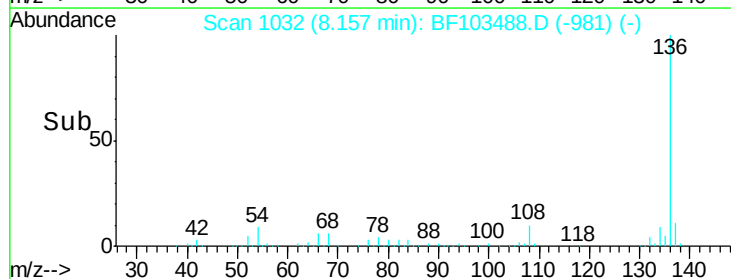
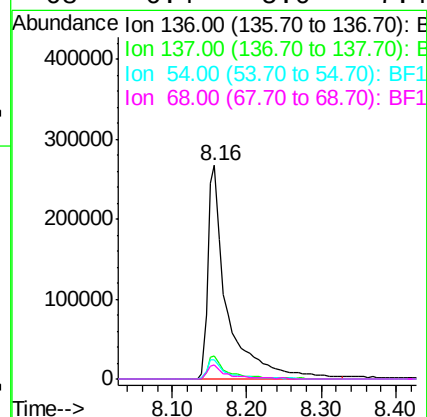
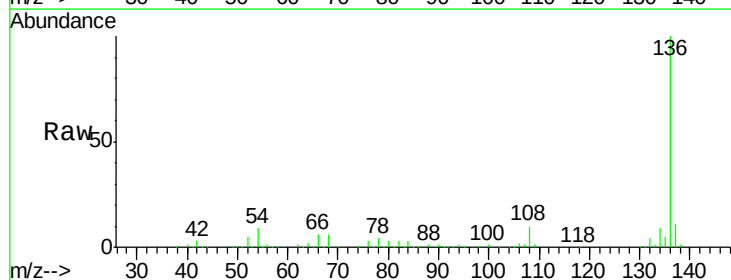
Ion Ratio Lower Upper

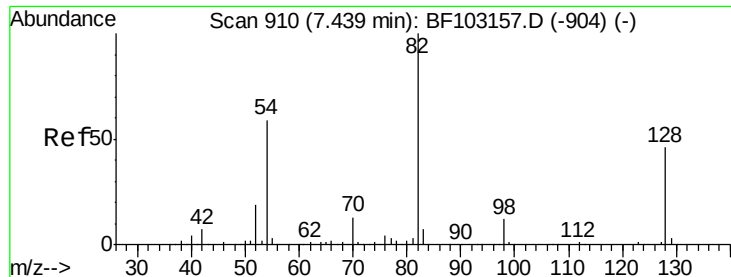
136 100

137 10.6 8.9 13.3

54 9.1 6.6 9.8

68 6.4 5.0 7.4





#23

Nitrobenzene-d5

Concen: 0.264 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.06 min

Lab File: BF103488.D

Acq: 7 Mar 2018 6:45

Instrument :

BNA_F

ClientSampled :

DRUM-1-2

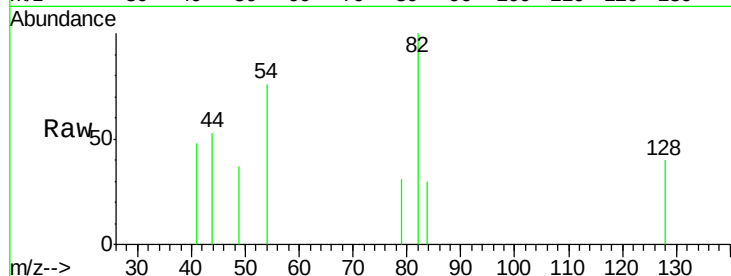
Tot Ion: 82 Resp: 2240

Ion Ratio Lower Upper

82 100

128 39.8 36.1 54.1

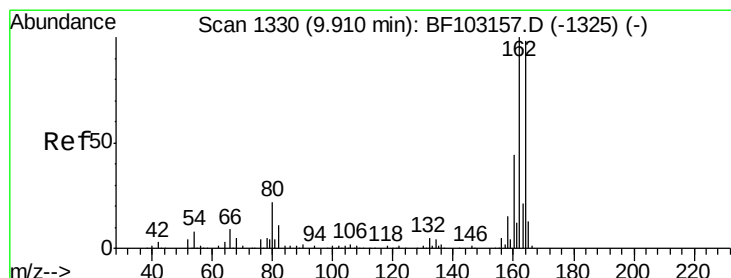
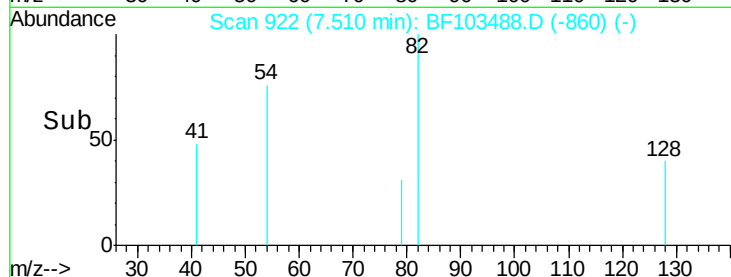
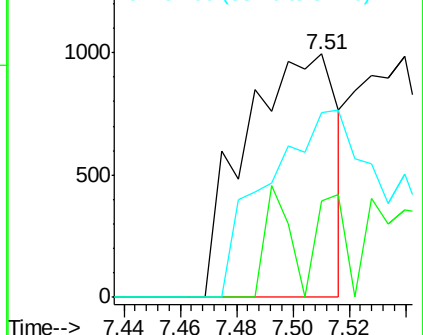
54 76.0 41.4 62.2#



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: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF103488.D

Acq: 7 Mar 2018 6:45

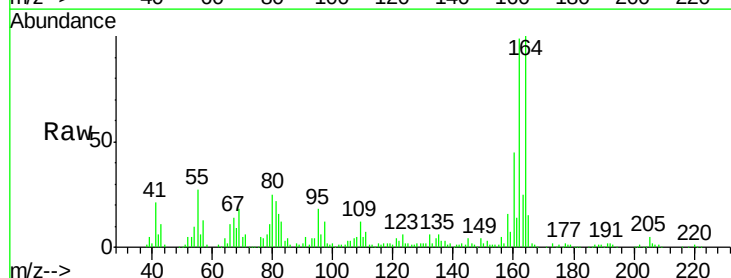
Tgt Ion: 164 Resp: 189561

Ion Ratio Lower Upper

164 100

162 99.3 86.1 129.1

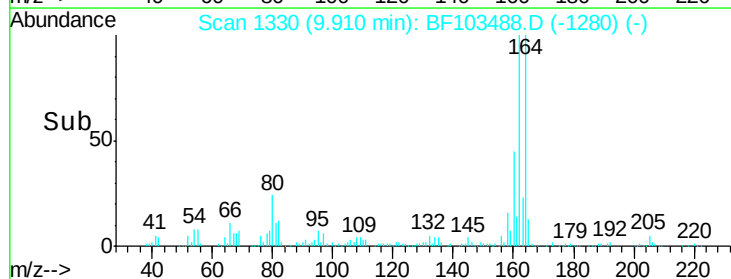
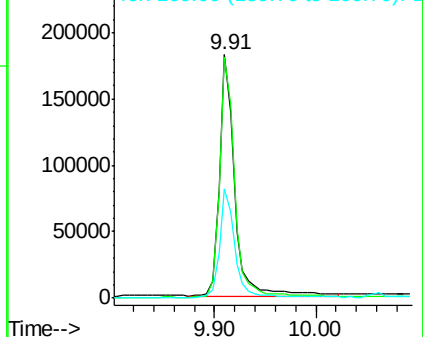
160 45.0 38.3 57.5

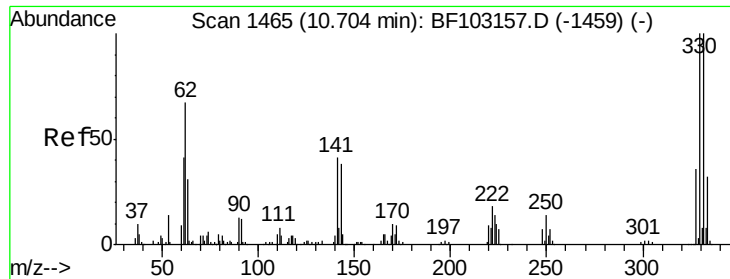


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

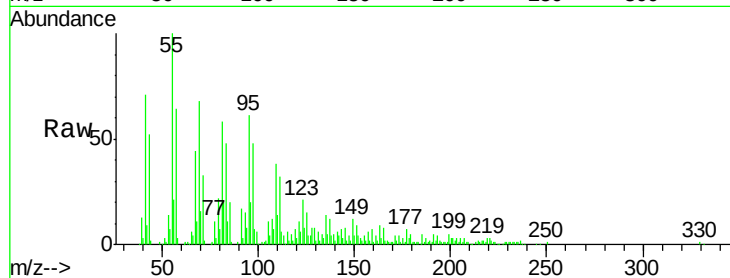




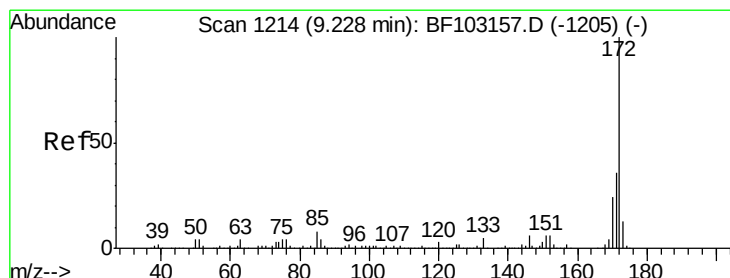
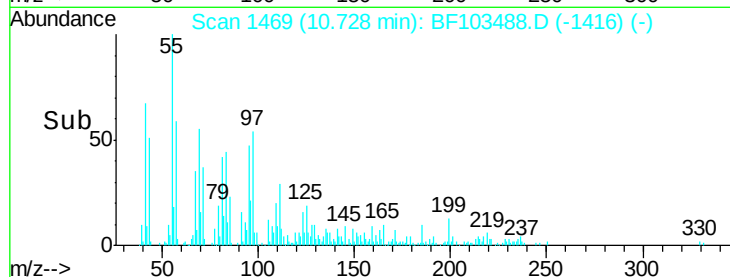
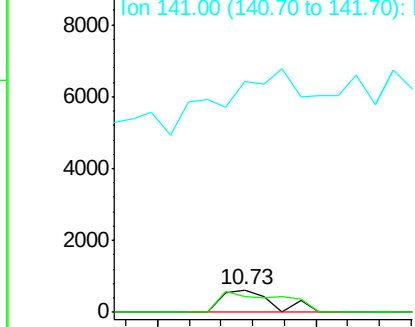
#41
 2,4,6-Tribromophenol
 Concen: 0.431 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.01 min
 Lab File: BF103488.D
 Acq: 7 Mar 2018 6:45

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-2

Tot Ion:330 Resp: 692
 Ion Ratio Lower Upper
 330 100
 332 113.9 77.0 115.6
 141 550.9 29.9 44.9#

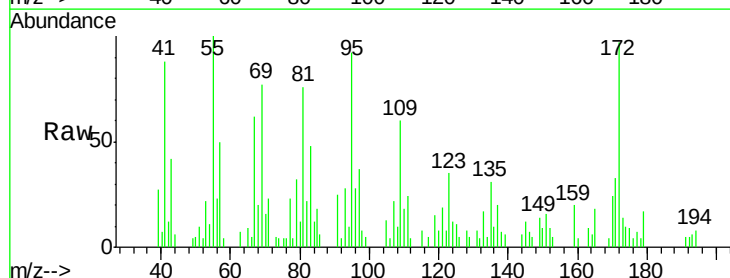


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

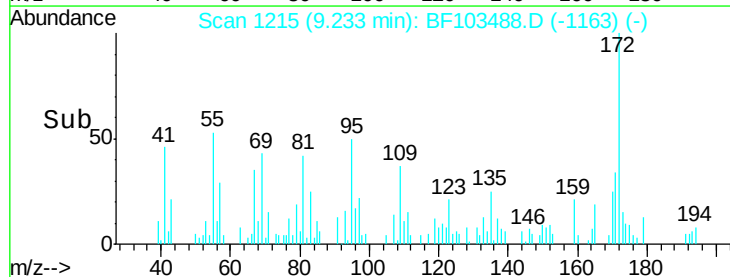
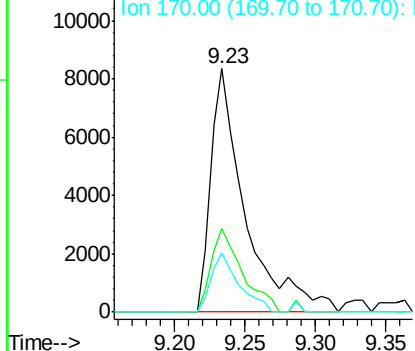


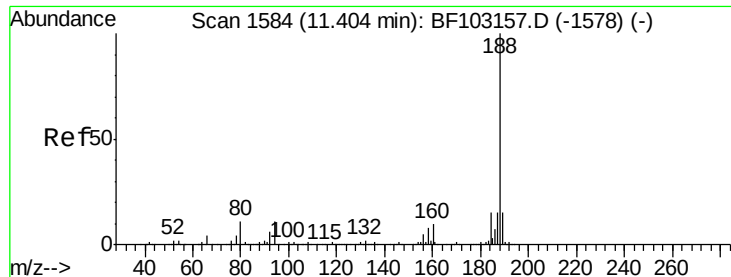
#44
 2-Fluorobiphenyl
 Concen: 1.274 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF103488.D
 Acq: 7 Mar 2018 6:45

Tgt Ion:172 Resp: 14203
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.7 44.5
 170 24.6 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: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF103488.D

Acq: 7 Mar 2018 6:45

Instrument :

BNA_F

ClientSampleId :

DRUM-1-2

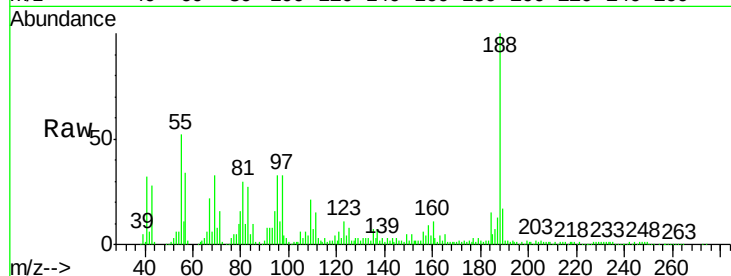
Tot Ion:188 Resp: 245893

Ion Ratio Lower Upper

188 100

94 15.8 8.5 12.7#

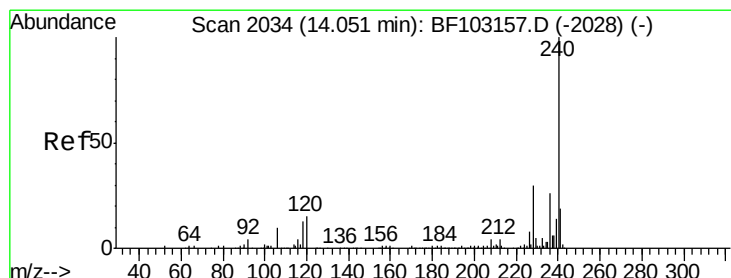
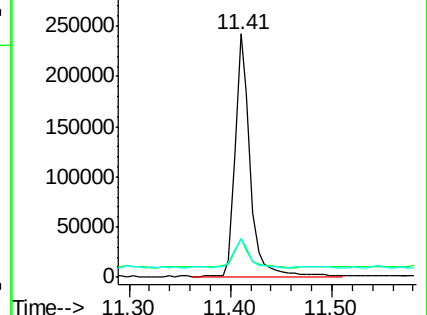
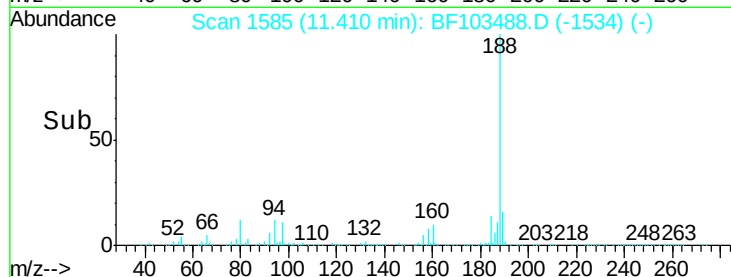
80 16.0 9.2 13.8#



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: BF103488.D

Acq: 7 Mar 2018 6:45

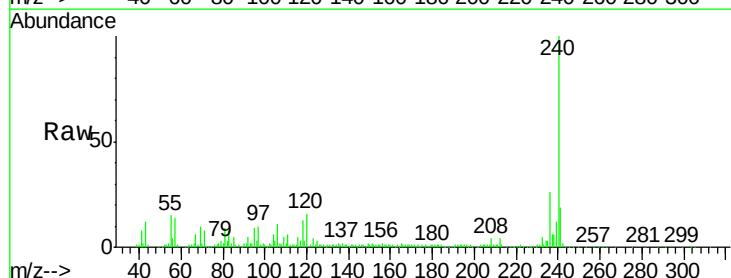
Tgt Ion:240 Resp: 208514

Ion Ratio Lower Upper

240 100

120 16.3 9.5 14.3#

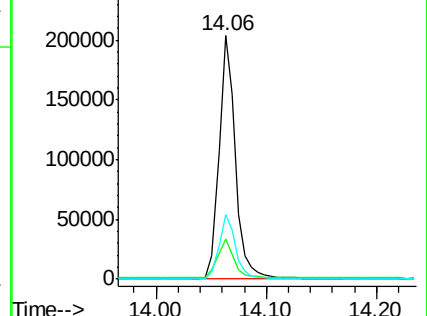
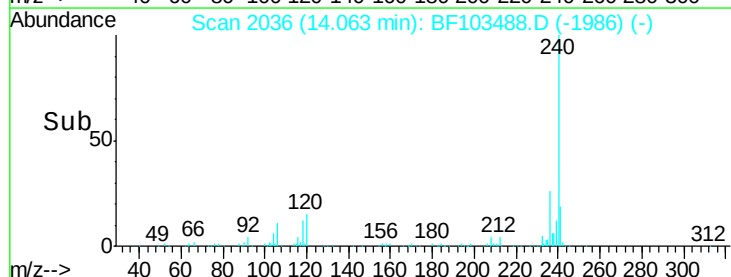
236 26.3 20.7 31.1

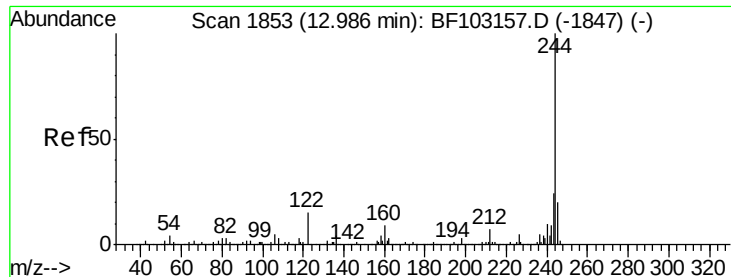


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 1.117 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF103488.D

Acq: 7 Mar 2018 6:45

Instrument :

BNA_F

ClientSampleId :

DRUM-1-2

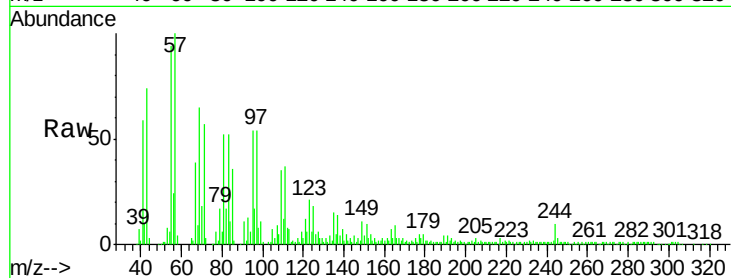
Tot Ion:244 Resp: 9686

Ion Ratio Lower Upper

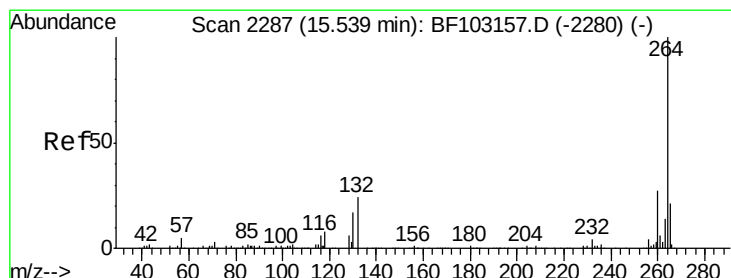
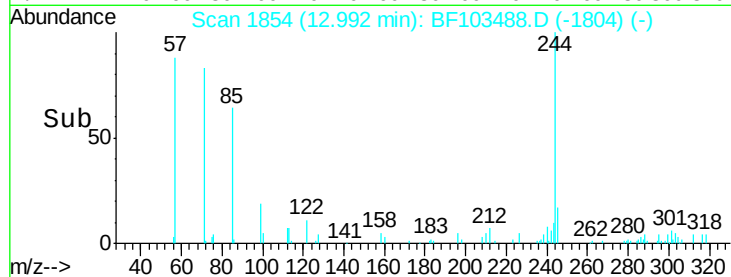
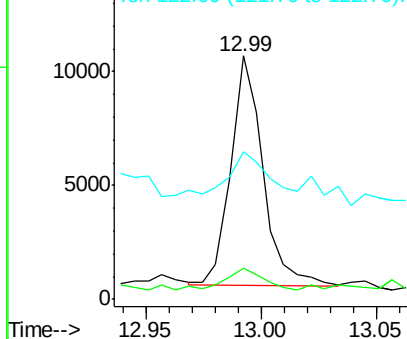
244 100

212 12.7 5.4 8.0#

122 60.6 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: 15.57 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BF103488.D

Acq: 7 Mar 2018 6:45

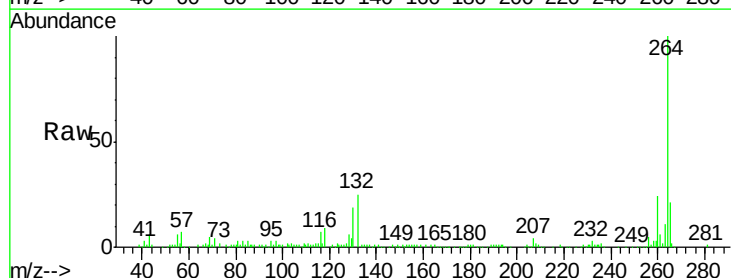
Tgt Ion:264 Resp: 166660

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.3 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

