

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103518.D
 Acq On : 8 Mar 2018 16:01
 Operator : SJ/JU
 Sample : J1833-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-180306-02

Quant Time: Mar 08 16:30:45 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 08 14:20:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	148370	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	639227	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	278362	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	482201	20.00	ng	0.00
75) Chrysene-d12	14.06	240	319894	20.00	ng	0.00
86) Perylene-d12	15.56	264	266394	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	292510	29.82	ng	0.00
7) Phenol-d6	6.51	99	222943	18.57	ng	0.00
23) Nitrobenzene-d5	7.43	82	1003164	89.62	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	159417	67.66	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1424266	89.15	ng	0.00
78) Terphenyl-d14	12.99	244	1112075	83.57	ng	0.00

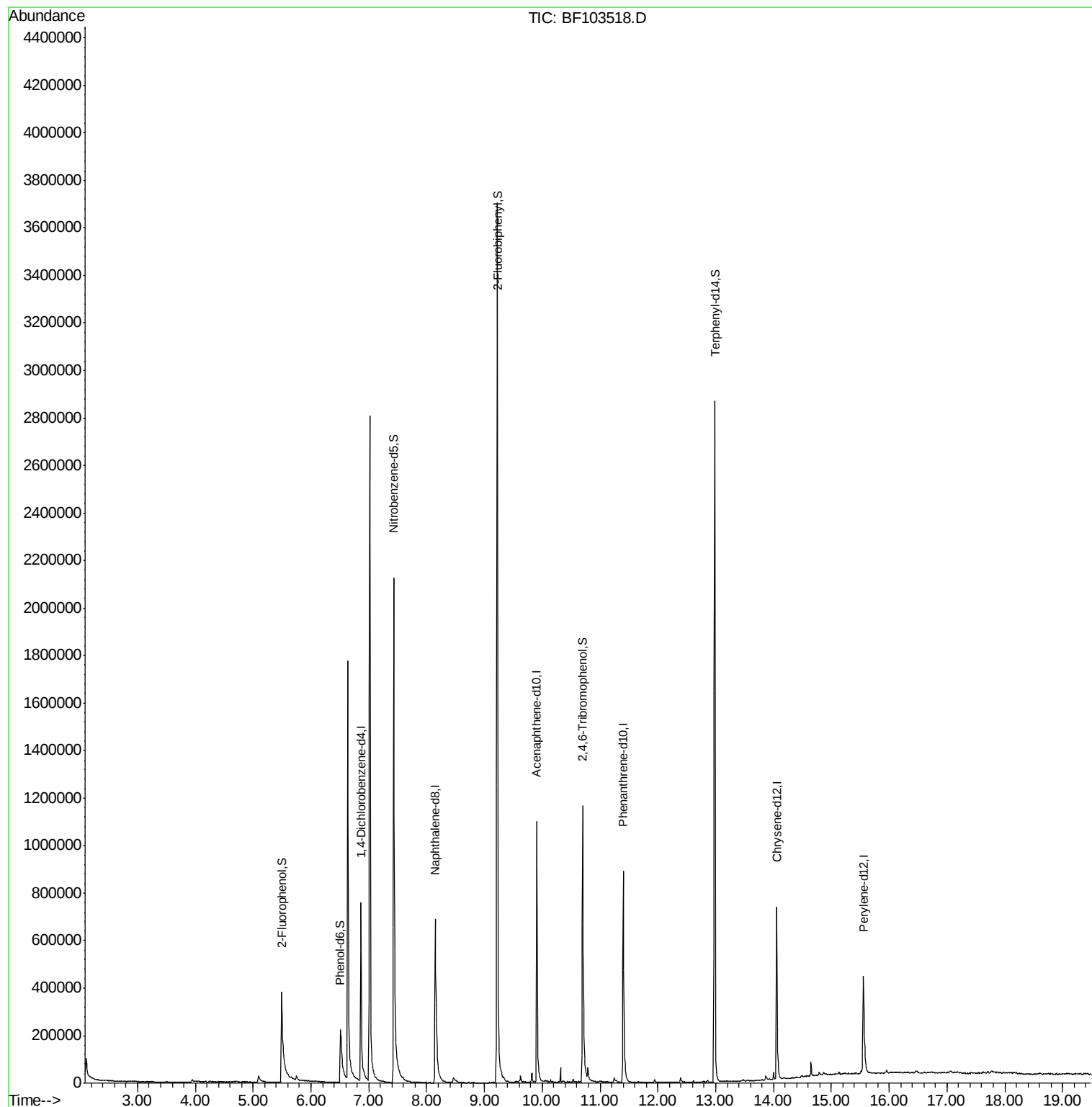
Target Compounds Qvalue

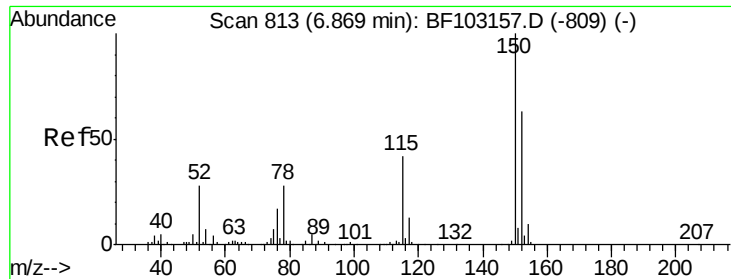
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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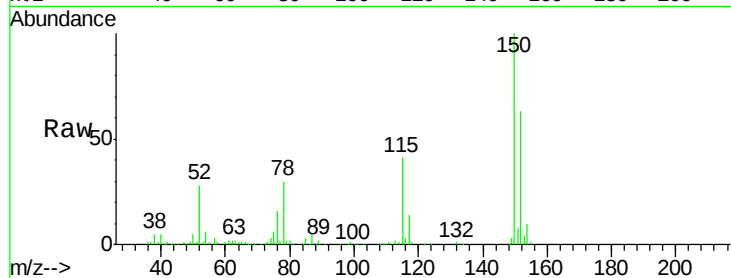


#1

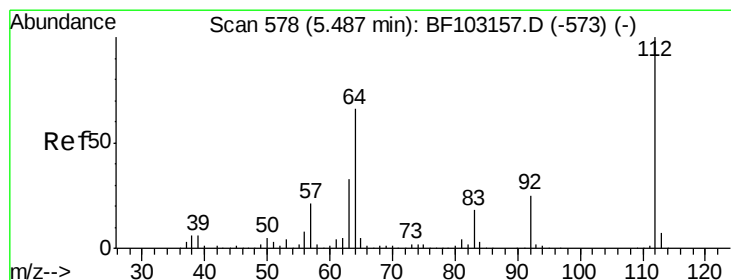
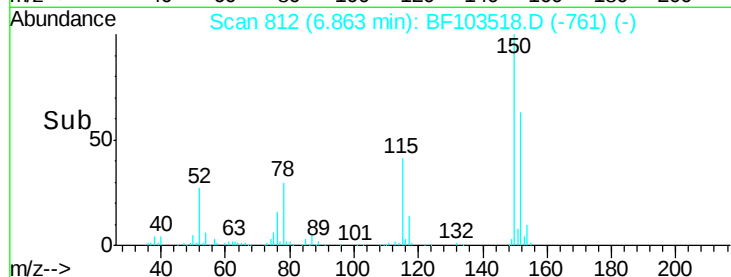
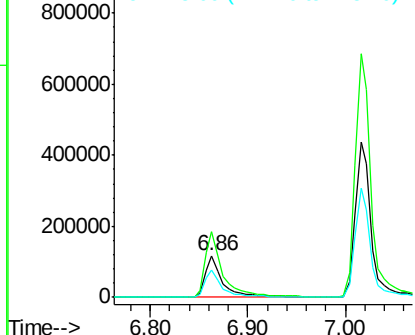
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103518.D
Acq: 8 Mar 2018 16:01

Instrument :
BNA_F
ClientSampleId :
EFF-180306-02

Tot Ion:152 Resp: 148370
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 65.9 50.1 75.1



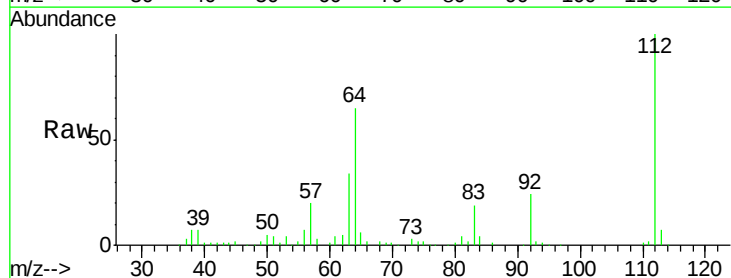
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



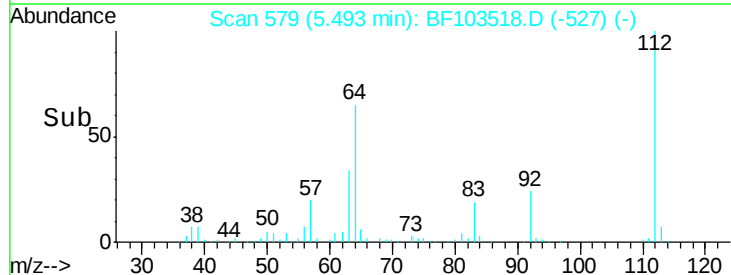
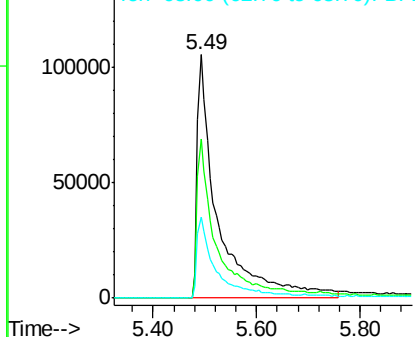
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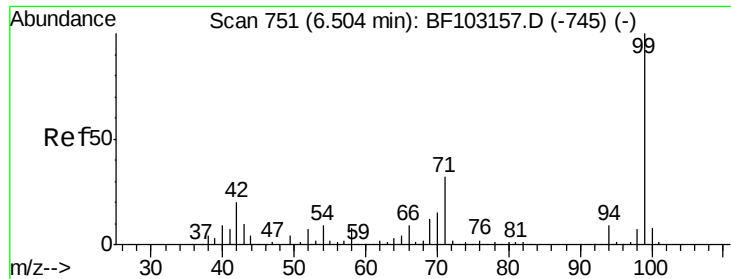
2-Fluorophenol
Concen: 29.817 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103518.D
Acq: 8 Mar 2018 16:01

Tgt Ion:112 Resp: 292510
Ion Ratio Lower Upper
112 100
64 65.4 47.9 71.9
63 33.5 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: 18.572 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF103518.D

Acq: 8 Mar 2018 16:01

Instrument :

BNA_F

ClientSampleId :

EFF-180306-02

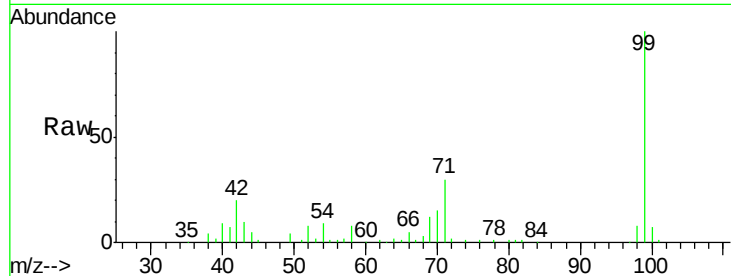
Tot Ion: 99 Resp: 222943

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

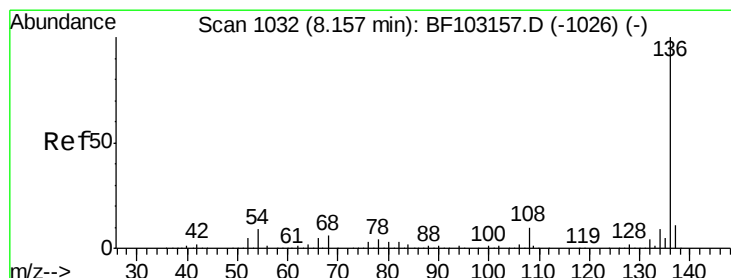
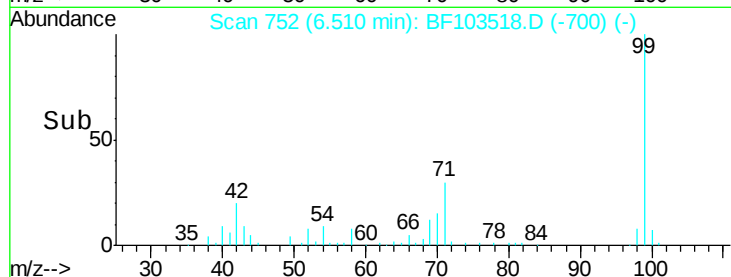
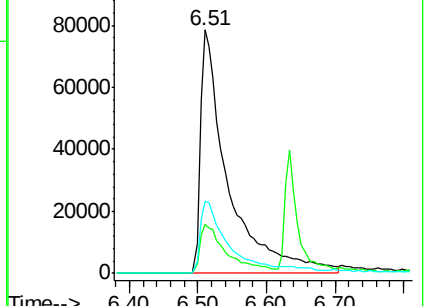
71 29.5 25.4 38.0



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: 8.15 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF103518.D

Acq: 8 Mar 2018 16:01

Tgt Ion: 136 Resp: 639227

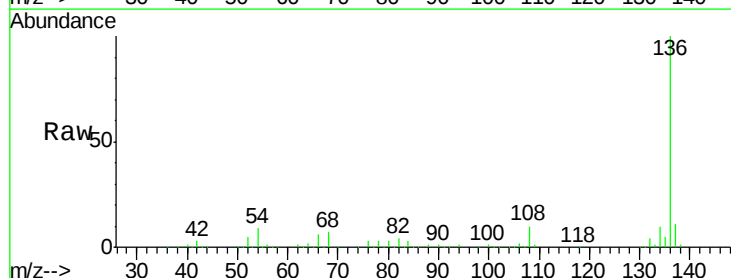
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.9 6.6 9.8

68 6.7 5.0 7.4

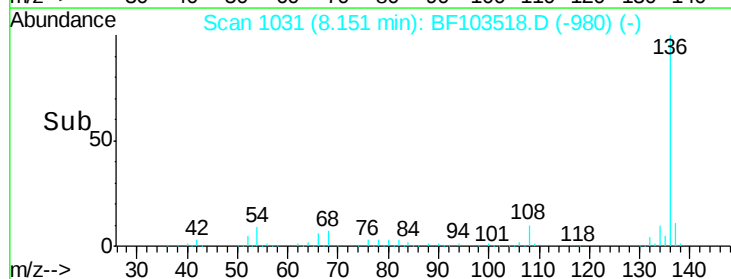
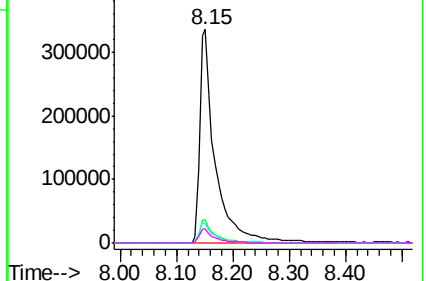


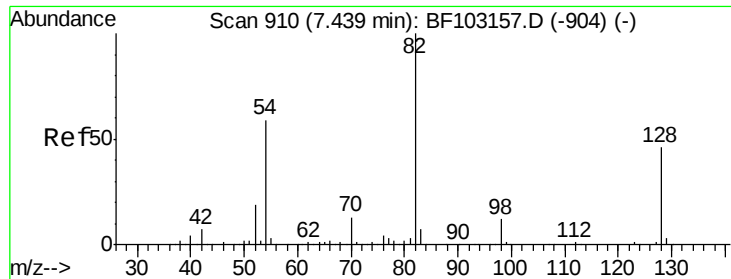
Abundance Ion 136.00 (135.70 to 136.70): E

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

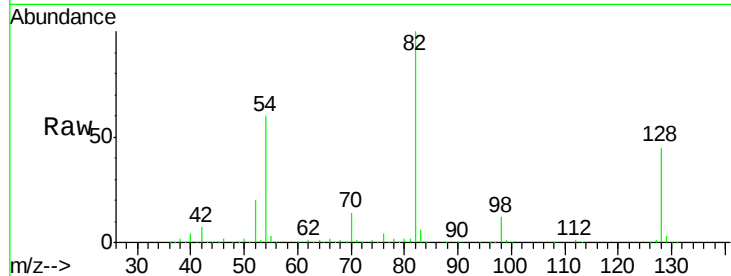




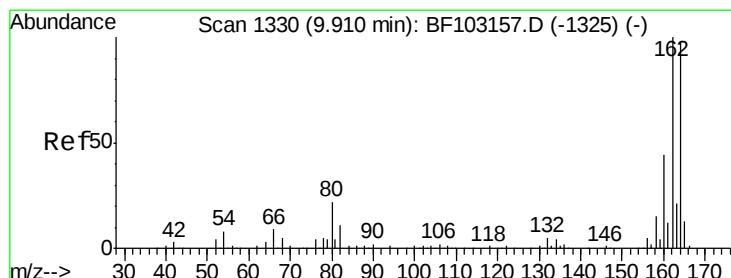
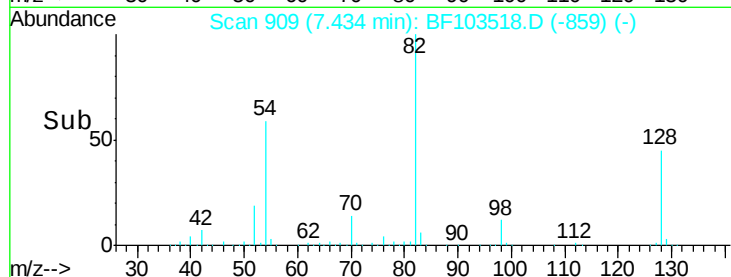
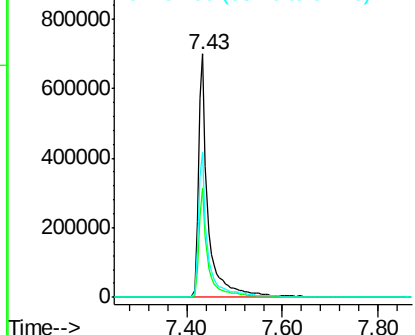
#23
 Nitrobenzene-d5
 Concen: 89.623 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF103518.D
 Acq: 8 Mar 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :
 EFF-180306-02

Tot Ion: 82 Resp: 1003164
 Ion Ratio Lower Upper
 82 100
 128 44.6 36.1 54.1
 54 59.6 41.4 62.2

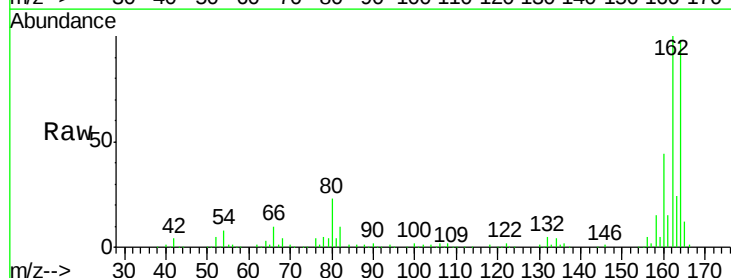


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

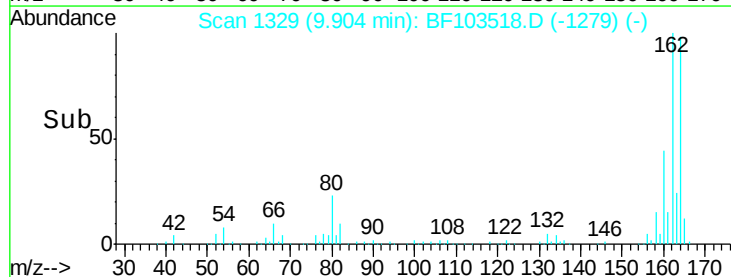
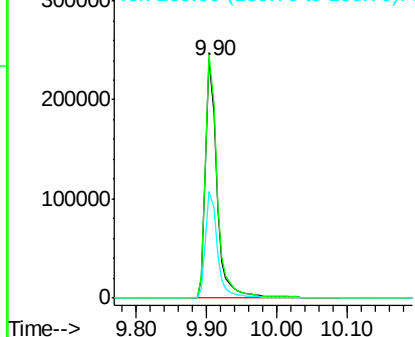


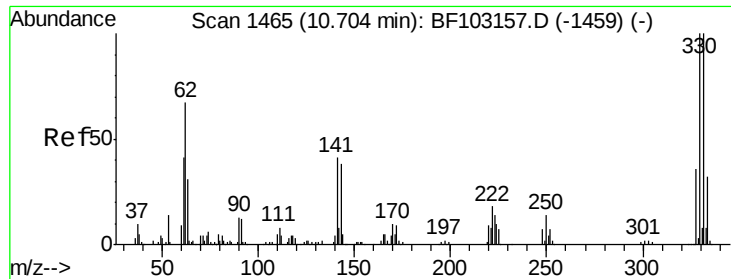
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF103518.D
 Acq: 8 Mar 2018 16:01

Tgt Ion:164 Resp: 278362
 Ion Ratio Lower Upper
 164 100
 162 102.1 86.1 129.1
 160 44.6 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

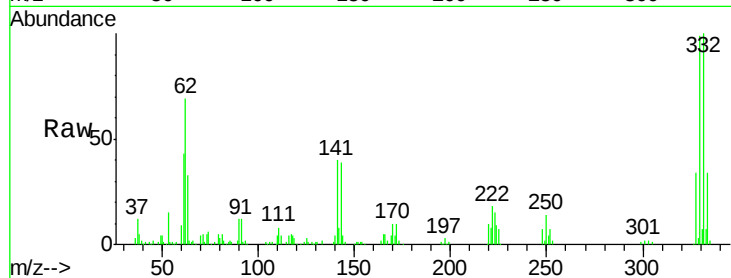




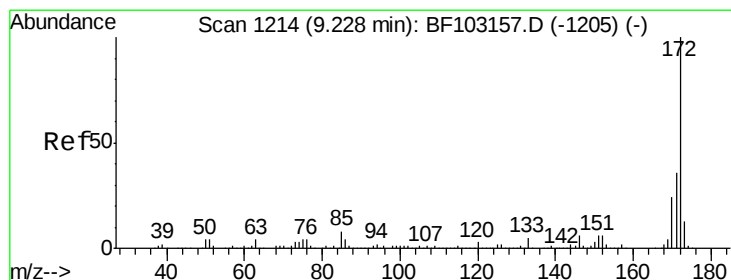
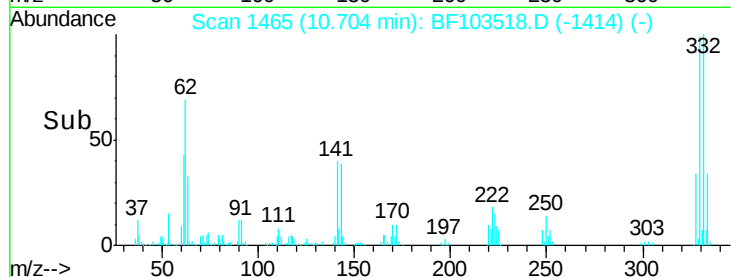
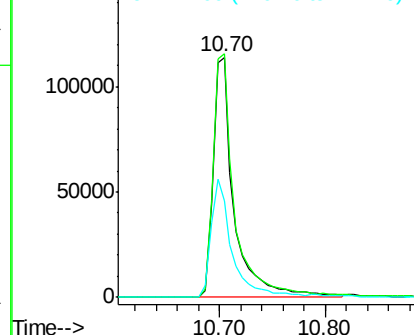
#41
 2,4,6-Tribromophenol
 Concen: 67.659 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103518.D
 Acq: 8 Mar 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :
 EFF-180306-02

Tot Ion:330 Resp: 159417
 Ion Ratio Lower Upper
 330 100
 332 104.9 77.0 115.6
 141 50.8 29.9 44.9#

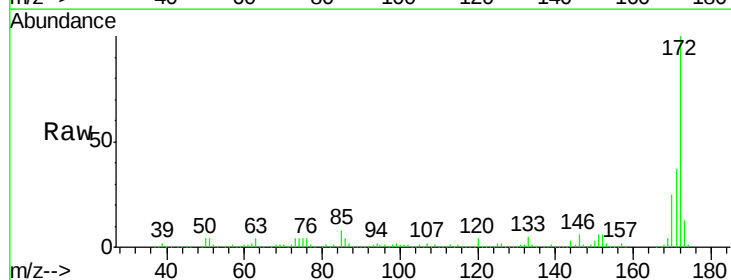


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

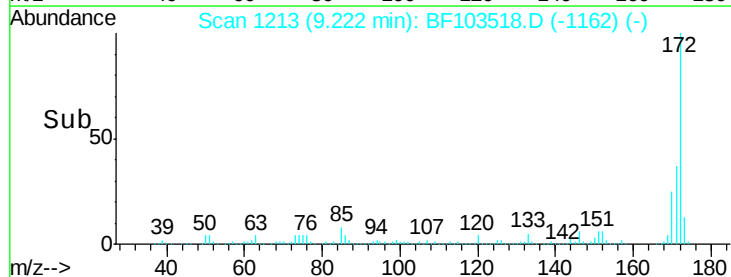
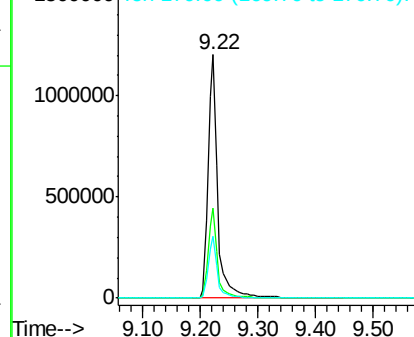


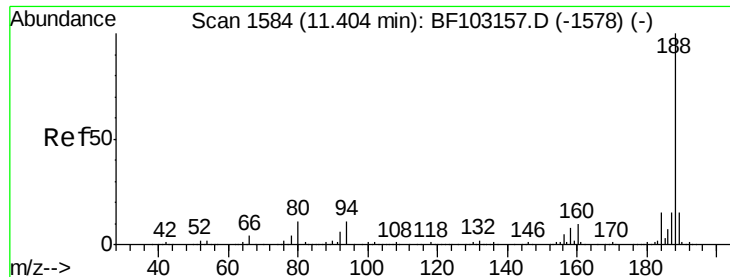
#44
 2-Fluorobiphenyl
 Concen: 89.152 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103518.D
 Acq: 8 Mar 2018 16:01

Tgt Ion:172 Resp: 1424266
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 25.3 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

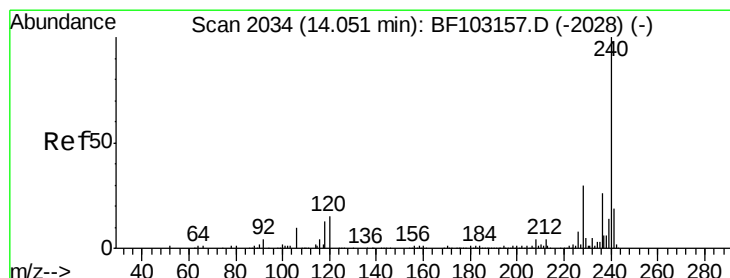
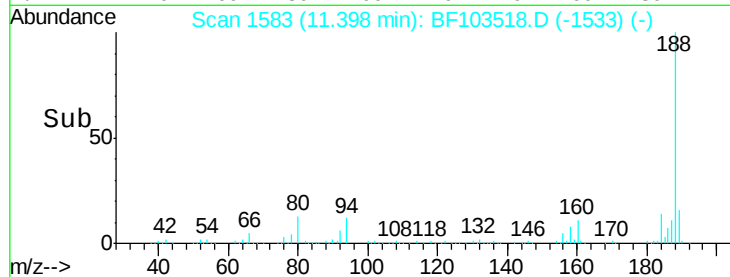
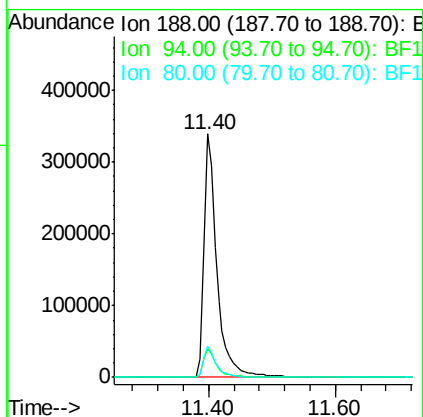
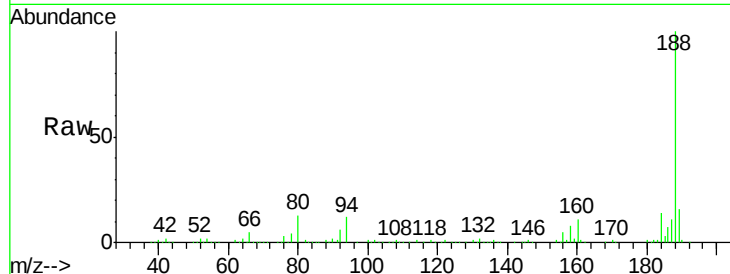




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103518.D
Acq: 8 Mar 2018 16:01

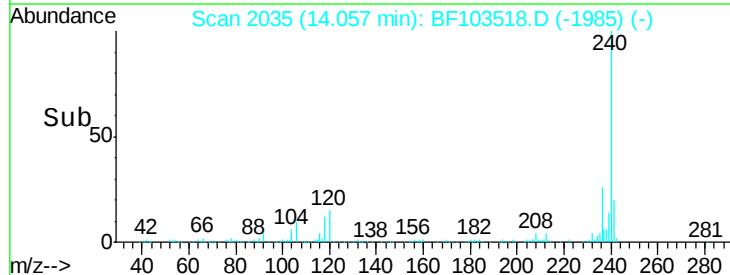
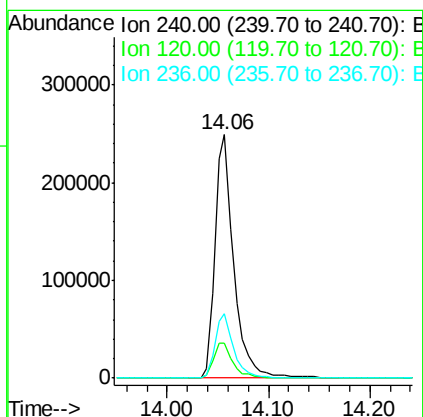
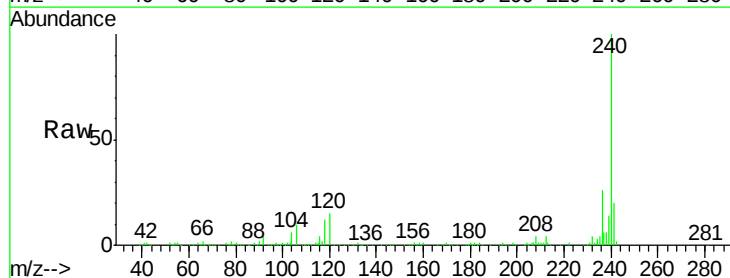
Instrument :
BNA_F
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EFF-180306-02

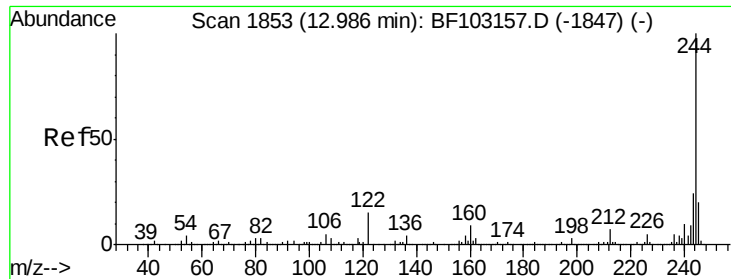
Tot Ion:188 Resp: 482201
Ion Ratio Lower Upper
188 100
94 11.9 8.5 12.7
80 12.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103518.D
Acq: 8 Mar 2018 16:01

Tgt Ion:240 Resp: 319894
Ion Ratio Lower Upper
240 100
120 14.5 9.5 14.3#
236 26.2 20.7 31.1





#78

Terphenyl-d14

Concen: 83.568 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF103518.D

Acq: 8 Mar 2018 16:01

Instrument :

BNA_F

ClientSampleId :

EFF-180306-02

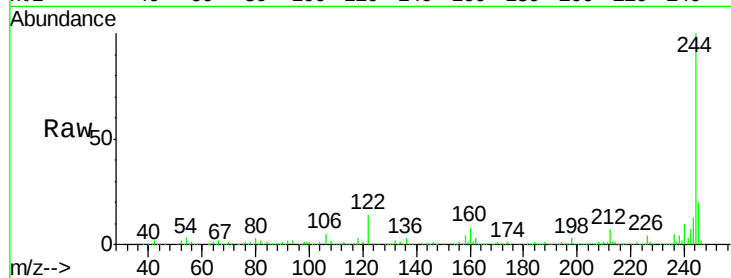
Tot Ion:244 Resp: 1112075

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

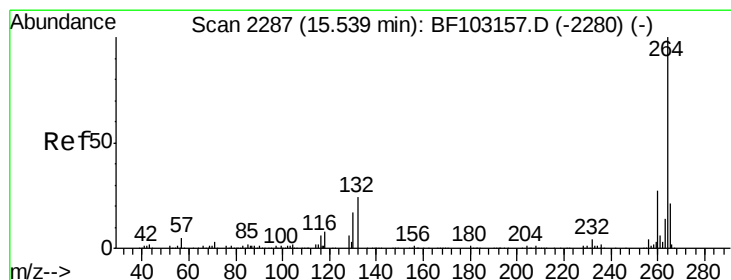
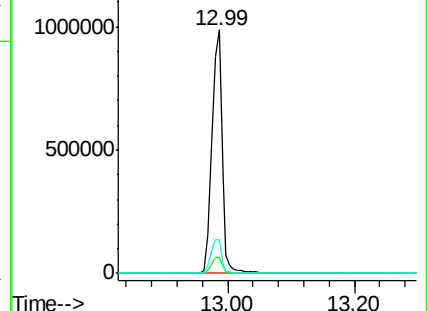
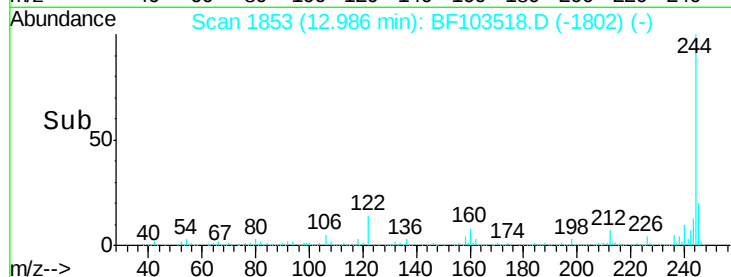
122 13.7 11.0 16.4



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: 15.56 min Scan# 2290

Delta R.T. -0.01 min

Lab File: BF103518.D

Acq: 8 Mar 2018 16:01

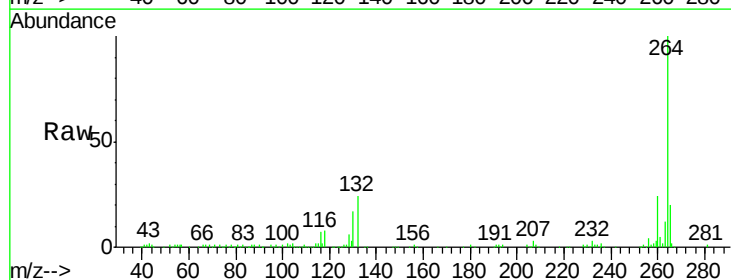
Tgt Ion:264 Resp: 266394

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 20.5 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

