

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030118\
 Data File : BF103326.D
 Acq On : 1 Mar 2018 10:36
 Operator : SJ/JU
 Sample : PB106938BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106938BL

Quant Time: Mar 01 12:55:19 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	144354	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	613729	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	278612	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	498734	20.00	ng	0.00
75) Chrysene-d12	14.06	240	350601	20.00	ng	0.00
86) Perylene-d12	15.56	264	254753	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1146437	120.11	ng	0.02
7) Phenol-d6	6.51	99	1389813	119.00	ng	0.00
23) Nitrobenzene-d5	7.44	82	923758	85.96	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	266001	112.79	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1390835	86.29	ng	0.00
78) Terphenyl-d14	12.99	244	1243810	85.28	ng	0.00

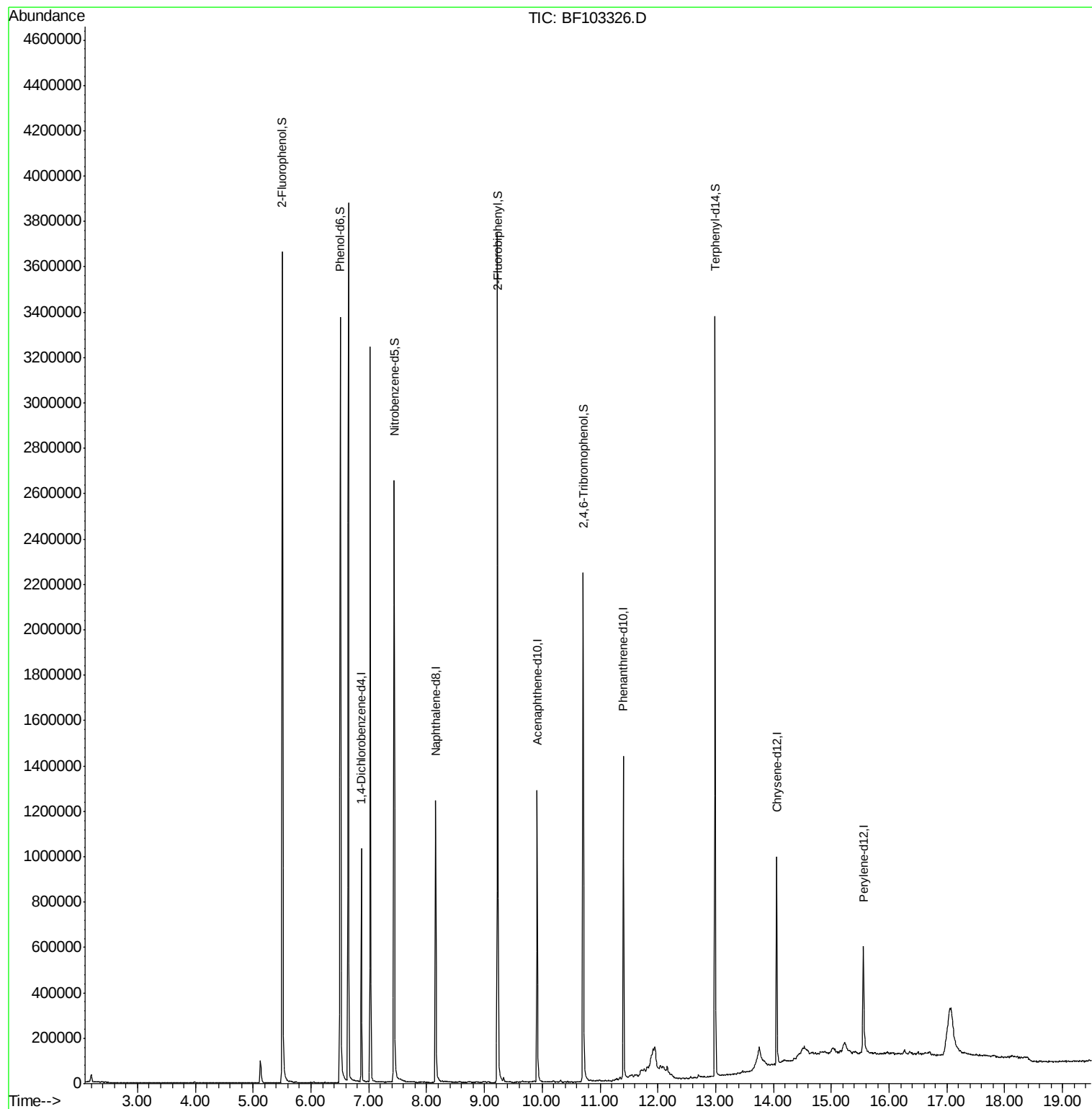
Target Compounds Qvalue

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

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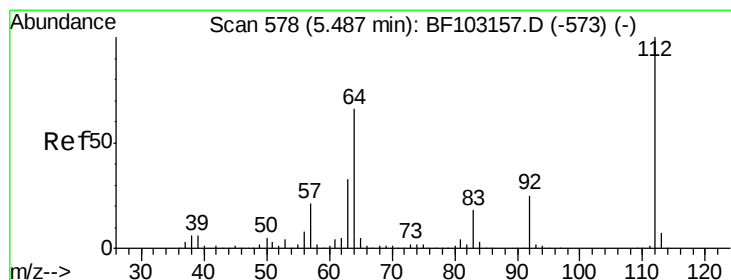
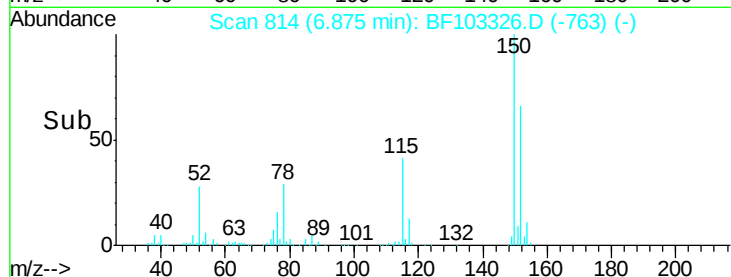
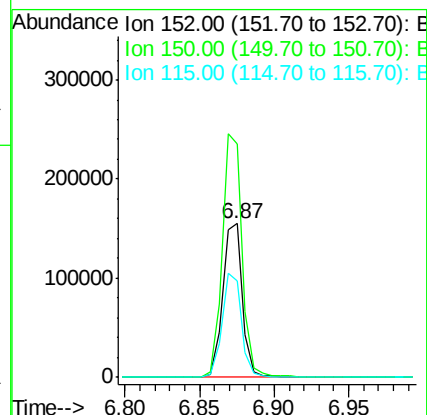
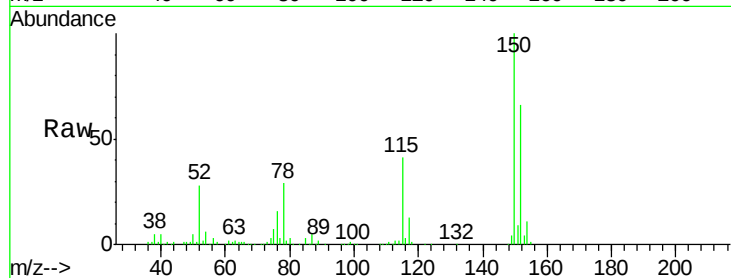


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103326.D
Acq: 1 Mar 2018 10:36

Instrument :
BNA_F
ClientSampleId :
PB106938BL

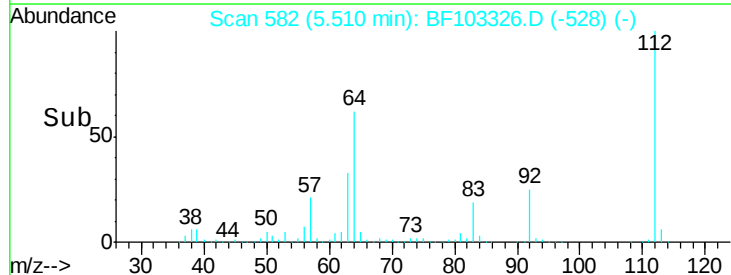
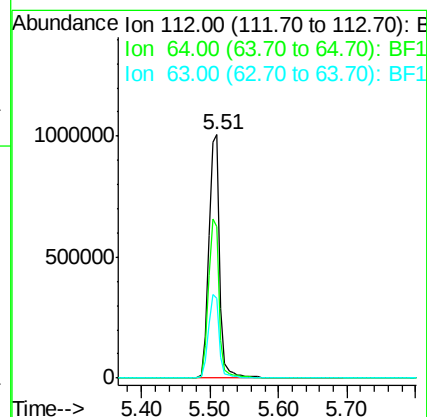
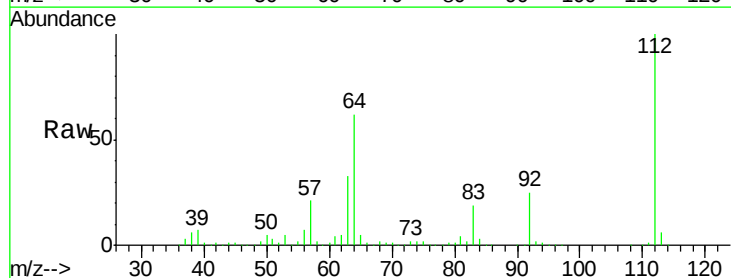
Tot Ion:152 Resp: 144354
Ion Ratio Lower Upper
152 100
150 152.0 124.6 186.8
115 62.9 50.1 75.1

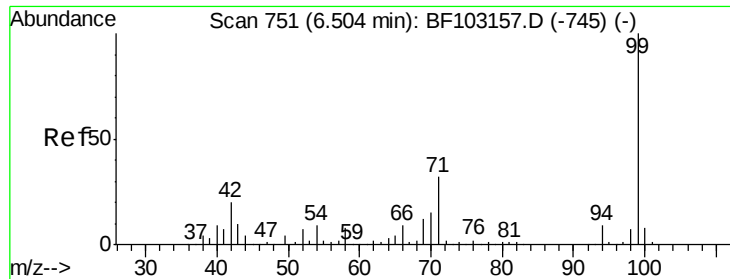


#5

2-Fluorophenol
Concen: 120.115 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF103326.D
Acq: 1 Mar 2018 10:36

Tgt Ion:112 Resp: 1146437
Ion Ratio Lower Upper
112 100
64 62.2 47.9 71.9
63 32.8 23.7 35.5





#7

Phenol-d6

Concen: 119.000 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103326.D

Acq: 1 Mar 2018 10:36

Instrument :

BNA_F

ClientSampleId :

PB106938BL

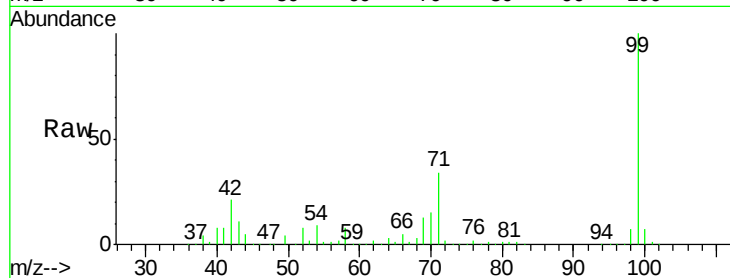
Tot Ion: 99 Resp: 1389813

Ion Ratio Lower Upper

99 100

42 21.3 14.5 21.7

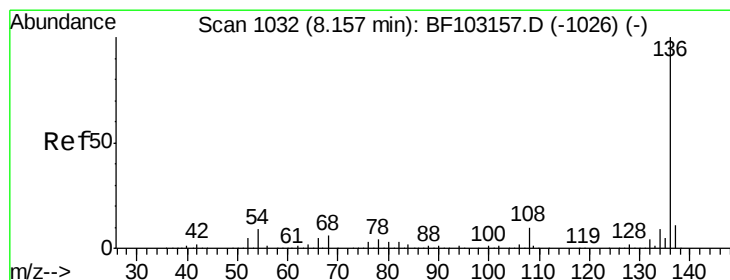
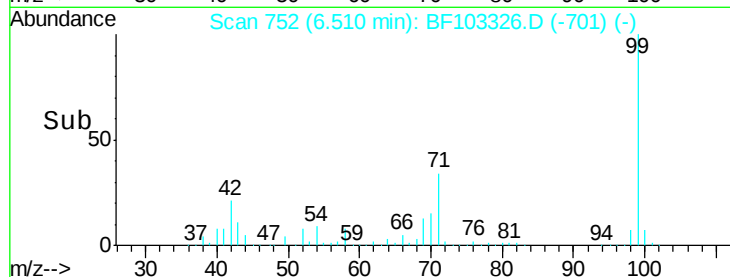
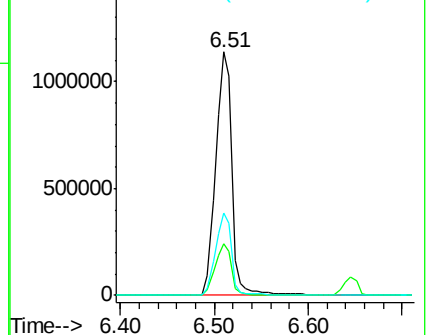
71 33.7 25.4 38.0



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: BF103326.D

Acq: 1 Mar 2018 10:36

Tgt Ion:136 Resp: 613729

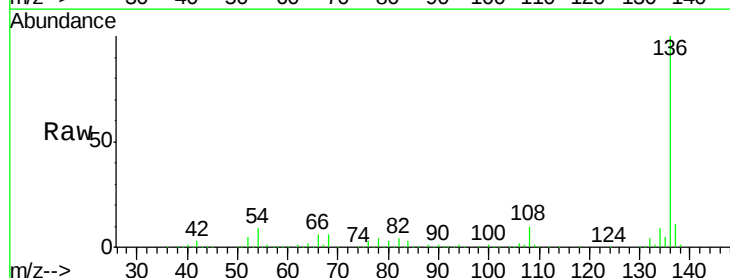
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 8.8 6.6 9.8

68 6.5 5.0 7.4

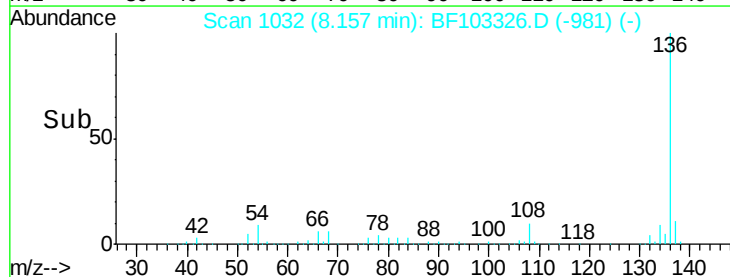
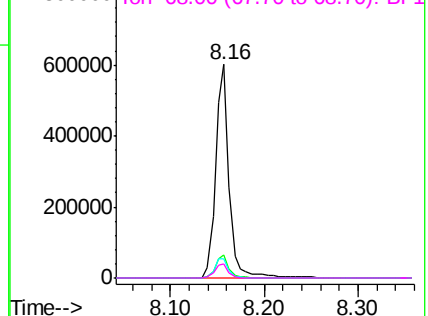


Abundance Ion 136.00 (135.70 to 136.70): E

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

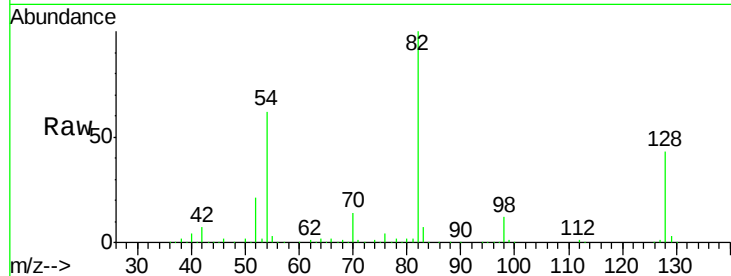




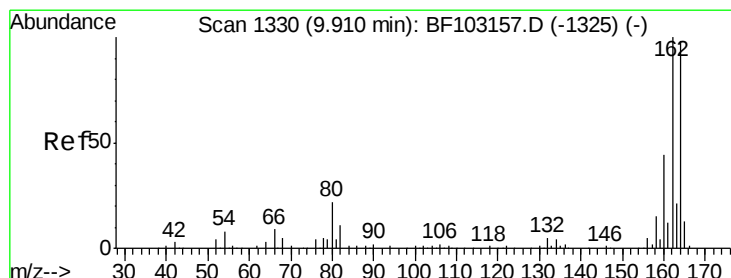
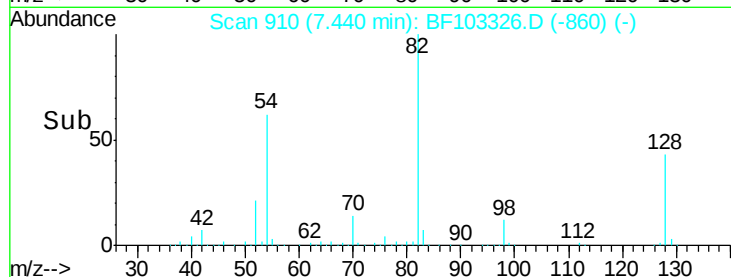
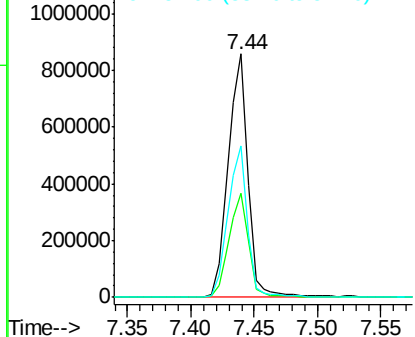
#23
Nitrobenzene-d5
Concen: 85.957 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103326.D
Acq: 1 Mar 2018 10:36

Instrument :
BNA_F
ClientSampleId :
PB106938BL

Tot Ion: 82 Resp: 923758
Ion Ratio Lower Upper
82 100
128 43.0 36.1 54.1
54 62.2 41.4 62.2#

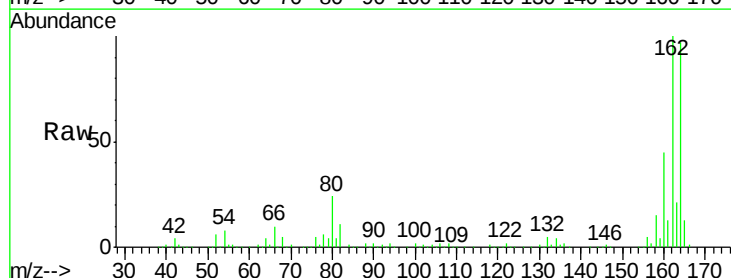


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

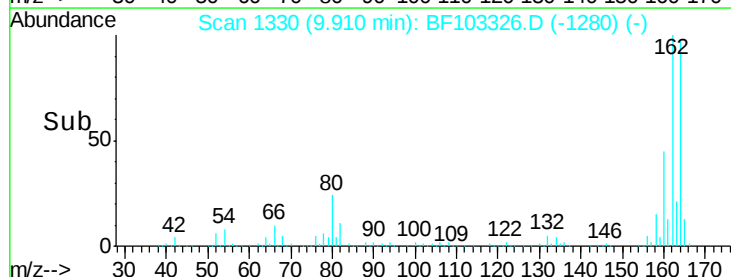
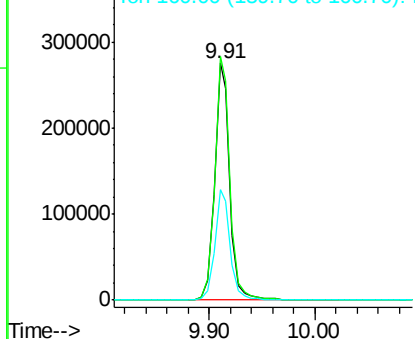


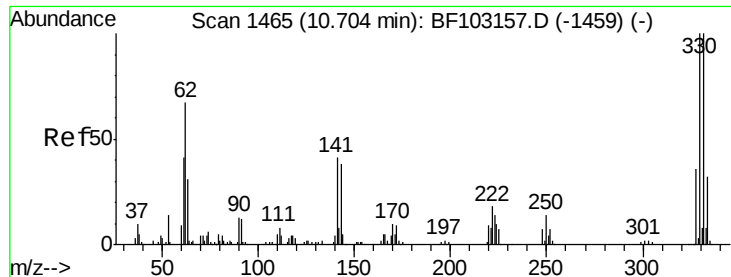
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF103326.D
Acq: 1 Mar 2018 10:36

Tgt Ion:164 Resp: 278612
Ion Ratio Lower Upper
164 100
162 102.8 86.1 129.1
160 46.5 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

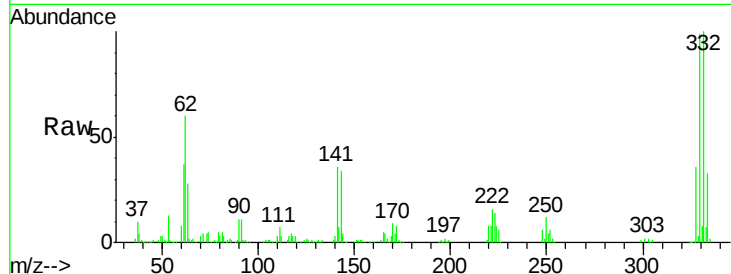




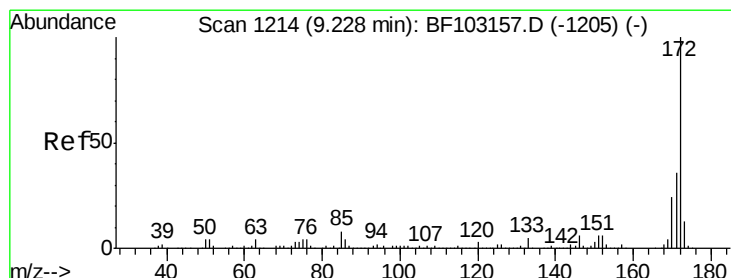
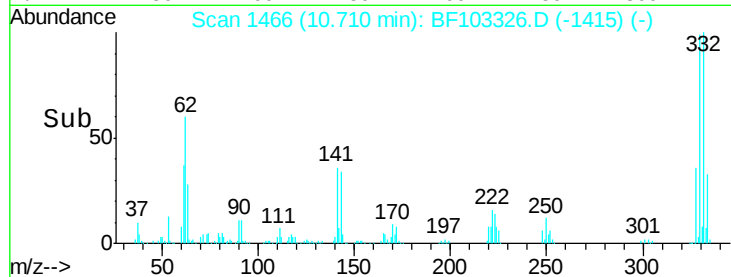
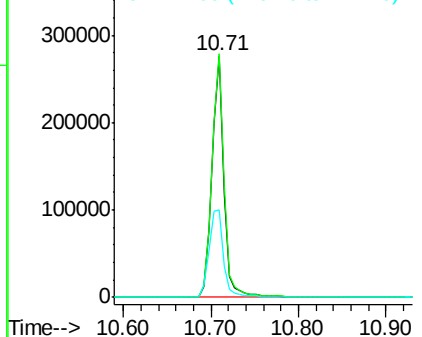
#41
 2,4,6-Tribromophenol
 Concen: 112.794 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF103326.D
 Acq: 1 Mar 2018 10:36

Instrument :
 BNA_F
 ClientSampleId :
 PB106938BL

Tot Ion:330 Resp: 266001
 Ion Ratio Lower Upper
 330 100
 332 102.4 77.0 115.6
 141 43.8 29.9 44.9

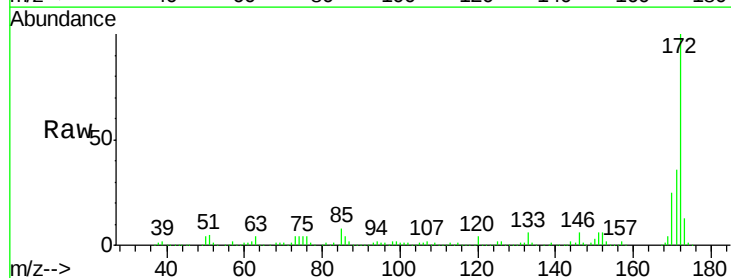


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

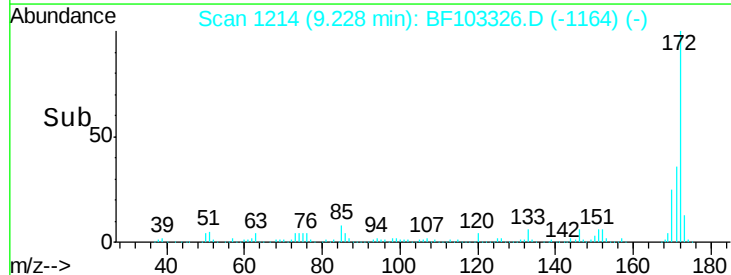
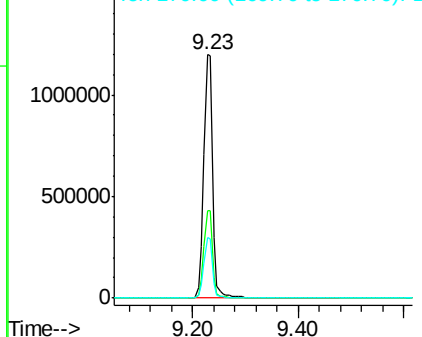


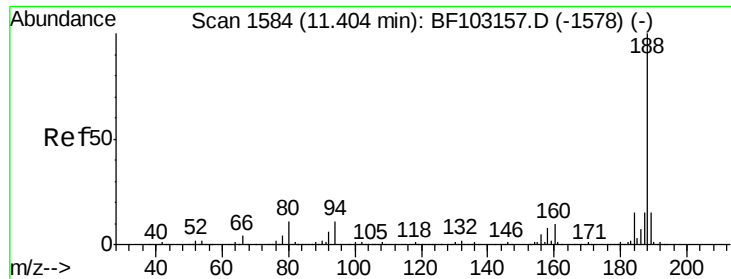
#44
 2-Fluorobiphenyl
 Concen: 86.291 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF103326.D
 Acq: 1 Mar 2018 10:36

Tgt Ion:172 Resp: 1390835
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.9 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

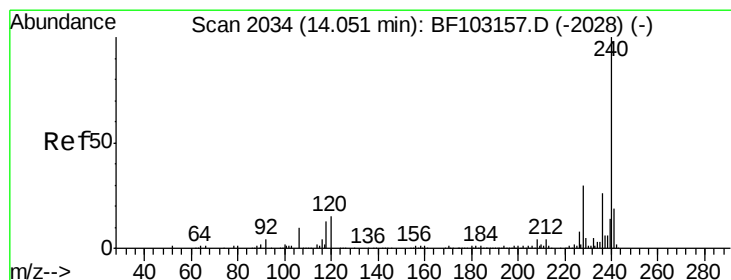
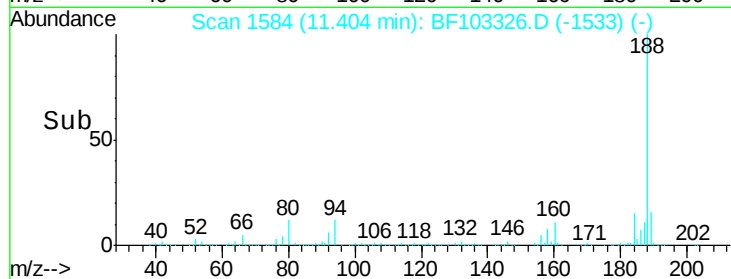
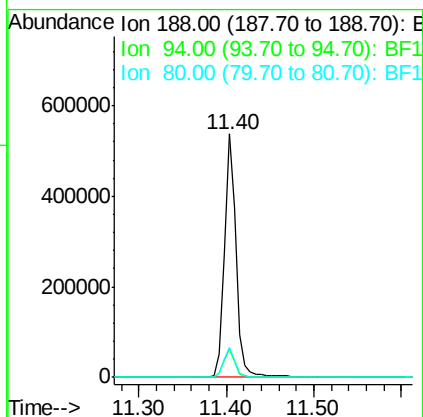
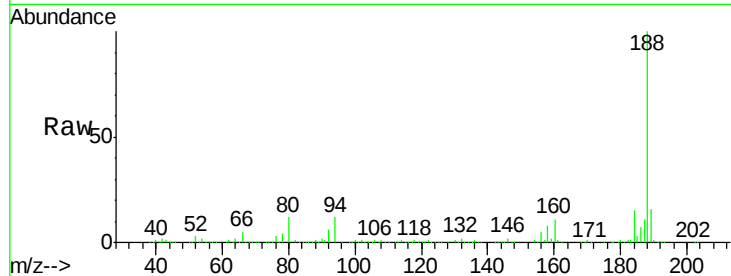




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103326.D
Acq: 1 Mar 2018 10:36

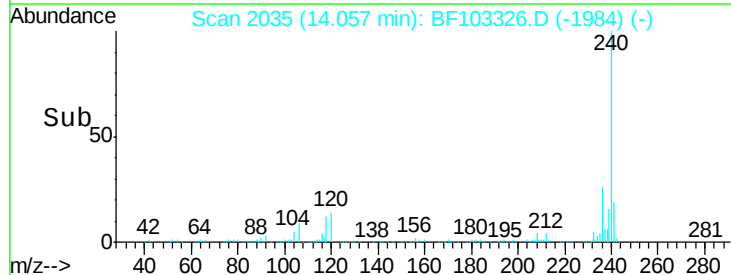
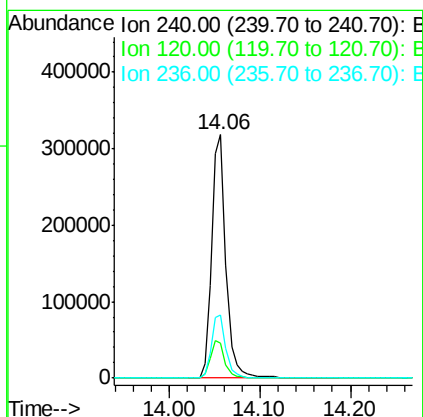
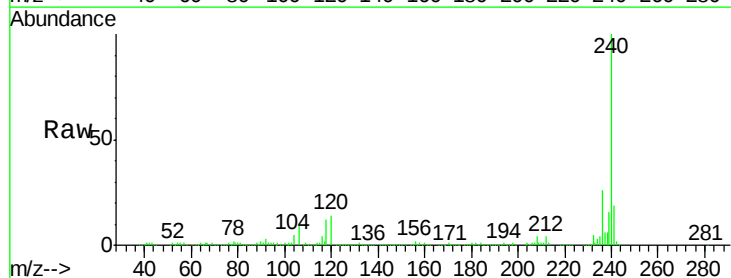
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BNA_F
ClientSampleId :
PB106938BL

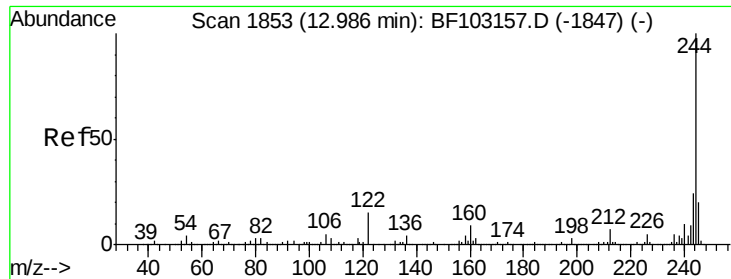
Tot Ion:188 Resp: 498734
Ion Ratio Lower Upper
188 100
94 11.7 8.5 12.7
80 12.5 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF103326.D
Acq: 1 Mar 2018 10:36

Tgt Ion:240 Resp: 350601
Ion Ratio Lower Upper
240 100
120 14.1 9.5 14.3
236 26.2 20.7 31.1





#78

Terphenyl-d14

Concen: 85.281 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF103326.D

Acq: 1 Mar 2018 10:36

Instrument :

BNA_F

ClientSampleId :

PB106938BL

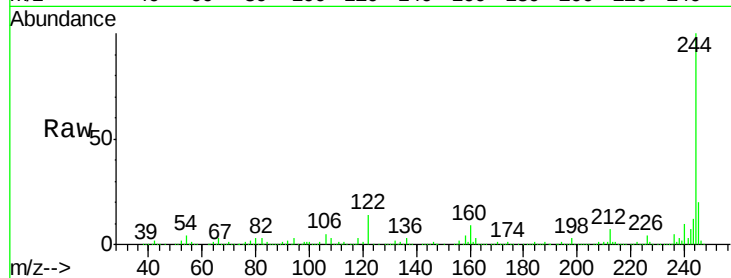
Tot Ion:244 Resp: 1243810

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

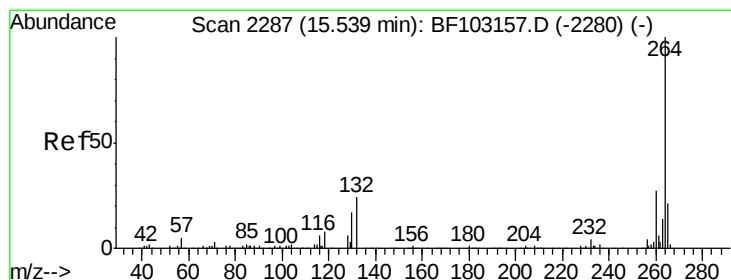
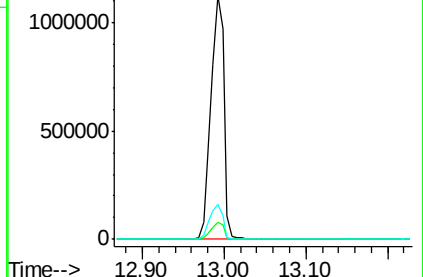
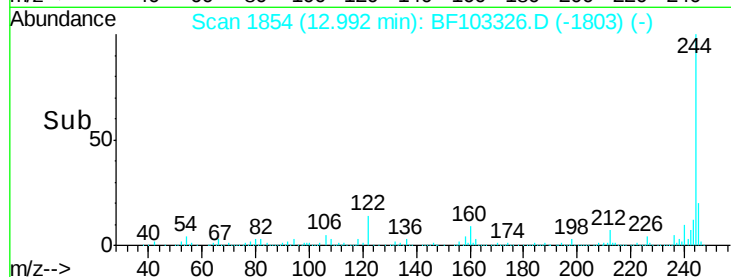
122 14.5 11.0 16.4



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. 0.00 min

Lab File: BF103326.D

Acq: 1 Mar 2018 10:36

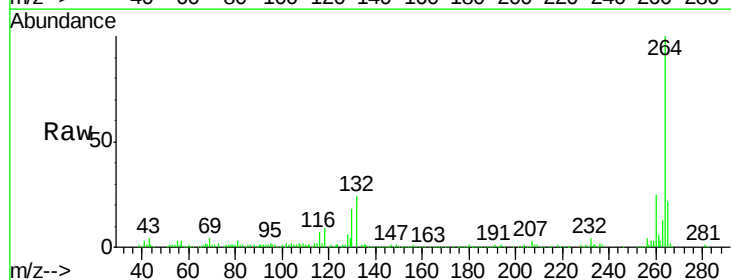
Tgt Ion:264 Resp: 254753

Ion Ratio Lower Upper

264 100

260 25.5 19.2 28.8

265 21.8 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

