

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
 Data File : BF103246.D
 Acq On : 27 Feb 2018 4:07
 Operator : SJ/JU
 Sample : J1649-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CB-6-LINE-EW@4.5

Quant Time: Feb 27 05:04:50 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

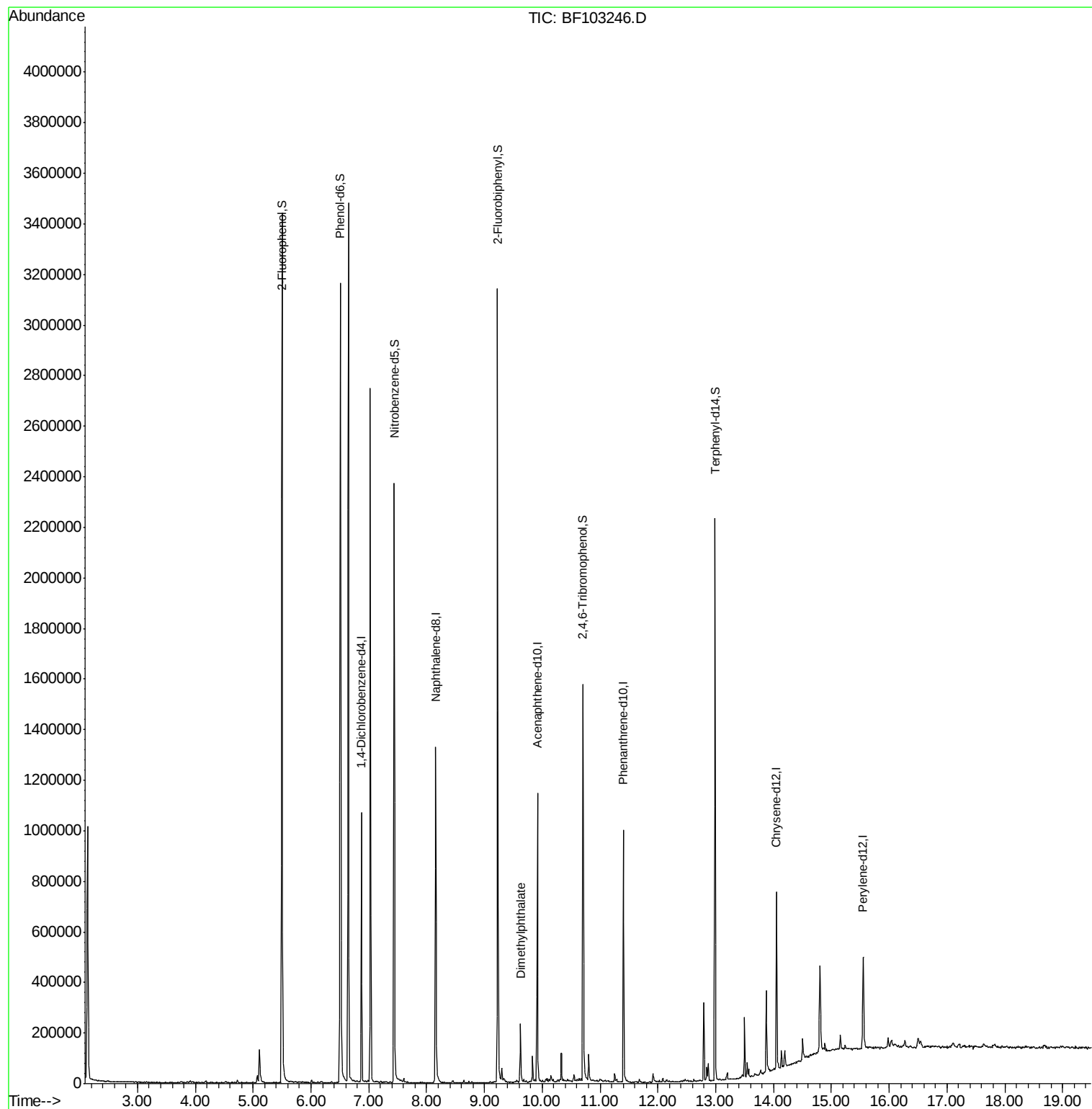
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	147012	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	599125	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	231228	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	352071	20.00	ng	0.00
75) Chrysene-d12	14.05	240	236851	20.00	ng	0.00
86) Perylene-d12	15.56	264	165764	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1065448	109.61	ng	0.01
7) Phenol-d6	6.51	99	1271318	106.89	ng	0.00
23) Nitrobenzene-d5	7.44	82	760278	72.47	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	194390	99.32	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1071420	78.33	ng	0.00
78) Terphenyl-d14	12.99	244	779616	79.13	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	87192	4.701	ng	Qvalue 98

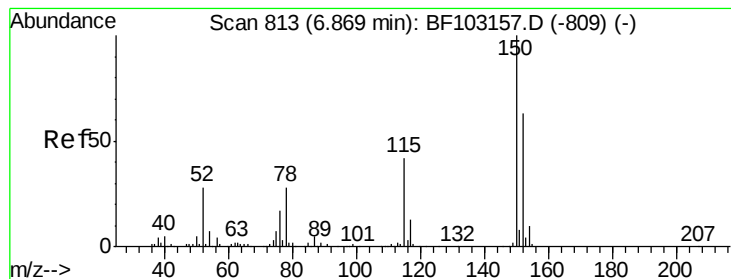
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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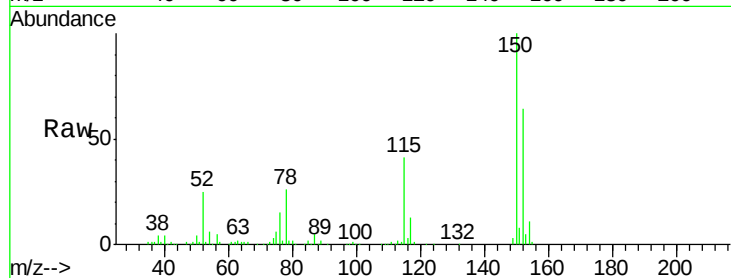


#1

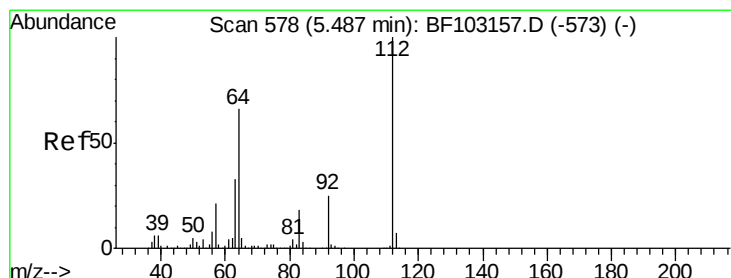
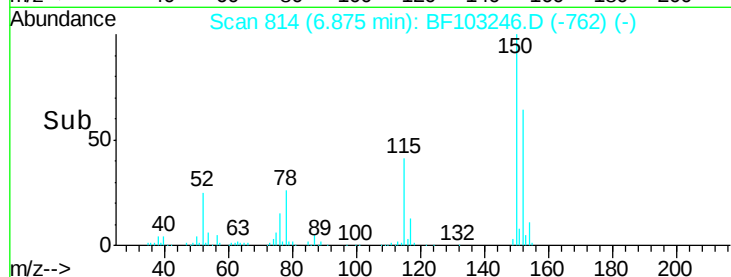
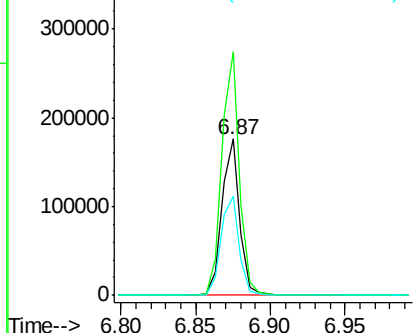
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103246.D
Acq: 27 Feb 2018 4:07

Instrument :
BNA_F
ClientSampleId :
CB-6-LINE-EW@4.5

Tot Ion:152 Resp: 147012
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 63.3 50.1 75.1



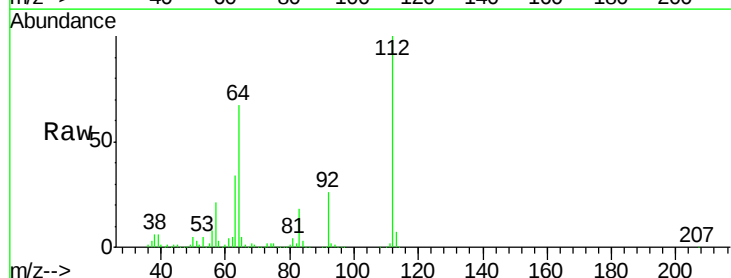
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



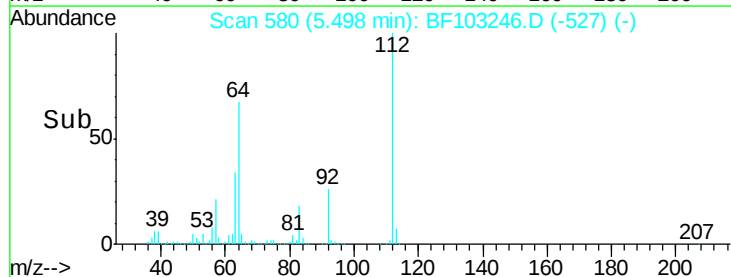
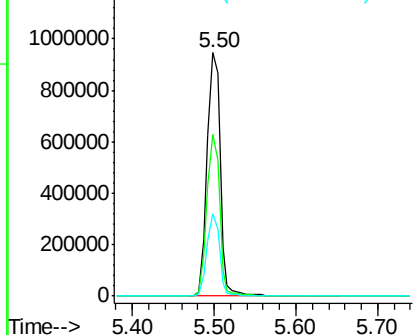
#5

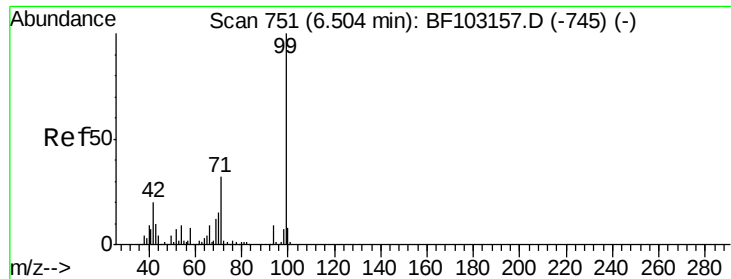
2-Fluorophenol
Concen: 109.611 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103246.D
Acq: 27 Feb 2018 4:07

Tgt Ion:112 Resp: 1065448
Ion Ratio Lower Upper
112 100
64 66.6 47.9 71.9
63 33.7 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: 106.886 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF103246.D

Acq: 27 Feb 2018 4:07

Instrument :

BNA_F

ClientSampleId :

CB-6-LINE-EW@4.5

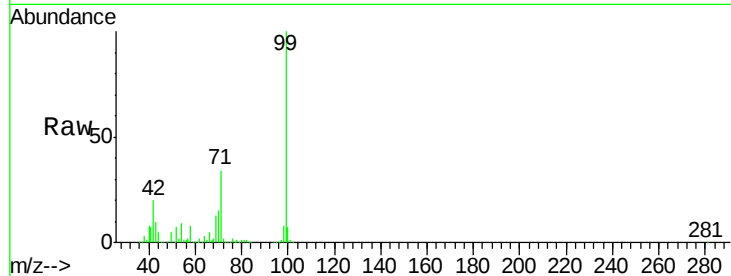
Tot Ion: 99 Resp: 1271318

Ion Ratio Lower Upper

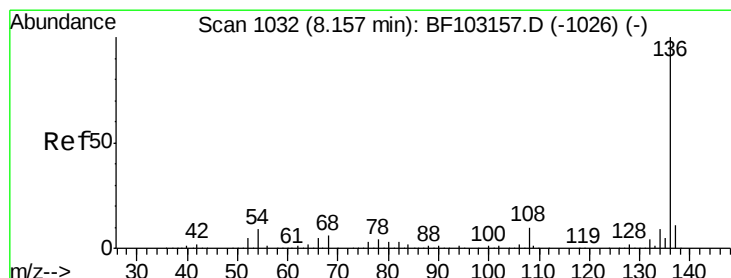
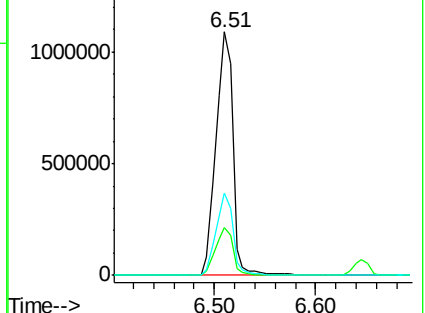
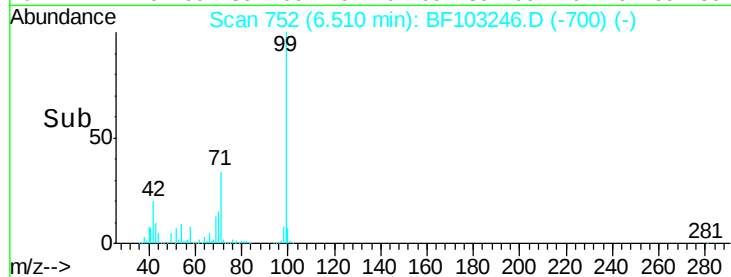
99 100

42 19.9 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: BF103246.D

Acq: 27 Feb 2018 4:07

Tgt Ion: 136 Resp: 599125

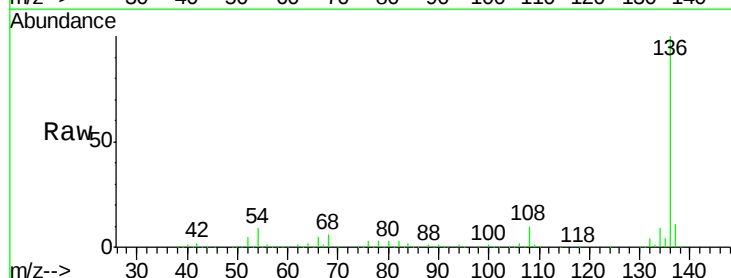
Ion Ratio Lower Upper

136 100

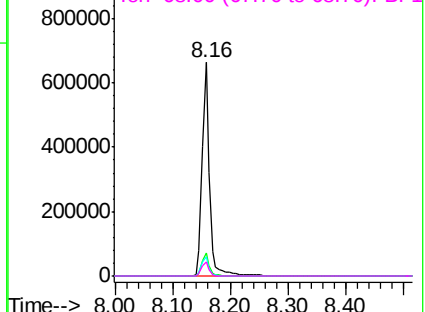
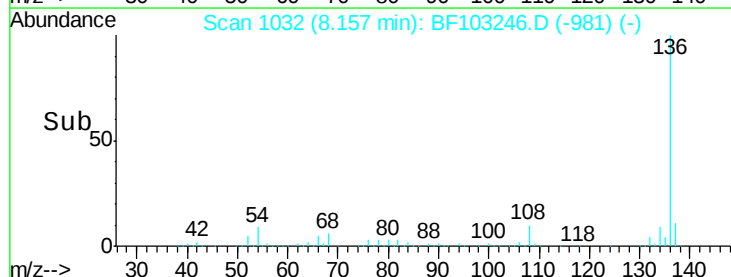
137 10.9 8.9 13.3

54 8.8 6.6 9.8

68 6.4 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

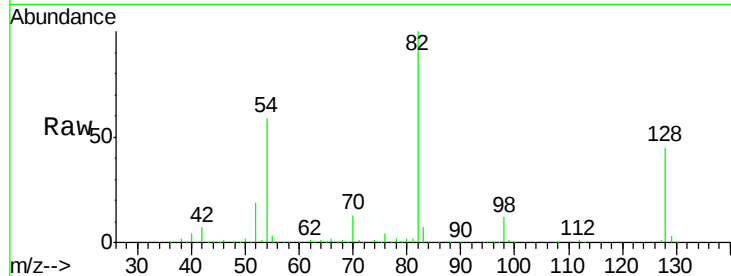




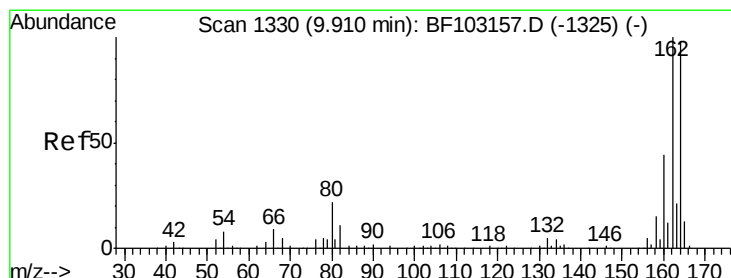
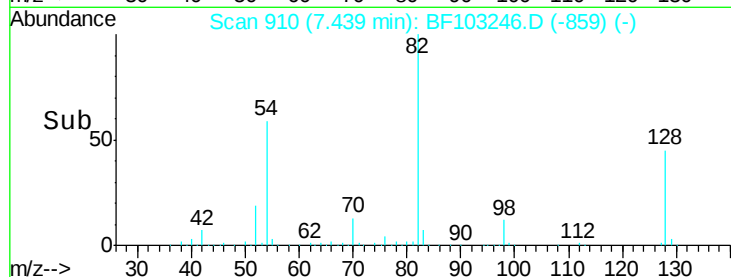
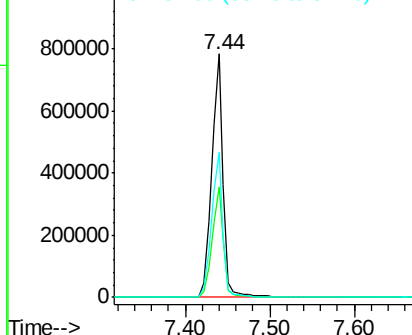
#23
 Nitrobenzene-d5
 Concen: 72.469 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF103246.D
 Acq: 27 Feb 2018 4:07

Instrument :
 BNA_F
 ClientSampleId :
 CB-6-LINE-EW@4.5

Tot Ion: 82 Resp: 760278
 Ion Ratio Lower Upper
 82 100
 128 45.2 36.1 54.1
 54 59.4 41.4 62.2

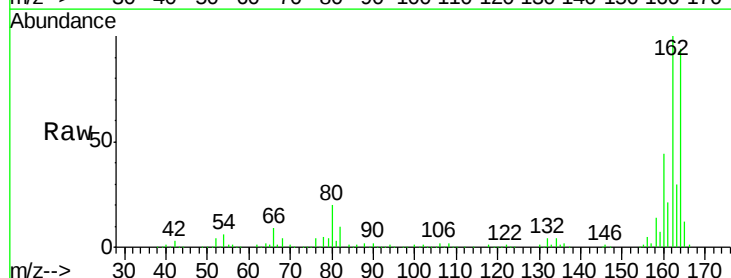


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

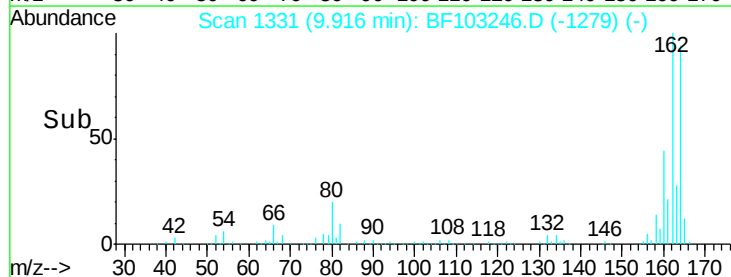
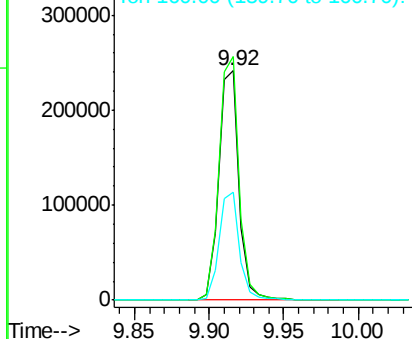


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF103246.D
 Acq: 27 Feb 2018 4:07

Tgt Ion: 164 Resp: 231228
 Ion Ratio Lower Upper
 164 100
 162 106.2 86.1 129.1
 160 47.0 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: 99.320 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.01 min

Lab File: BF103246.D

Acq: 27 Feb 2018 4:07

Instrument :

BNA_F

ClientSampleId :

CB-6-LINE-EW@4.5

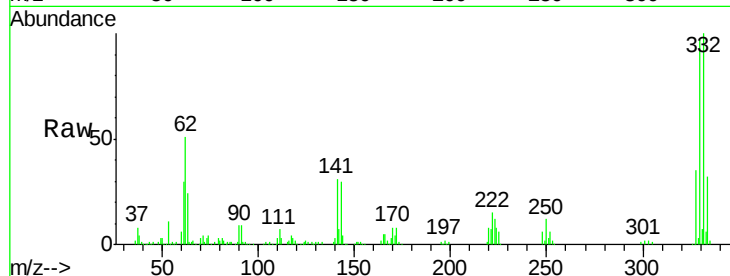
Tot Ion:330 Resp: 194390

Ion Ratio Lower Upper

330 100

332 100.1 77.0 115.6

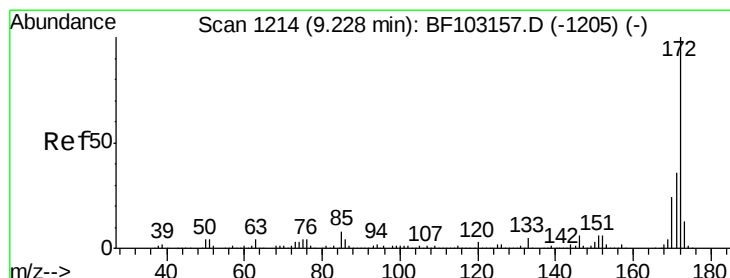
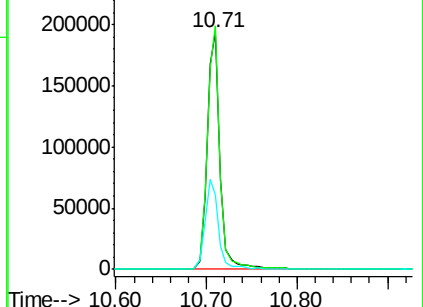
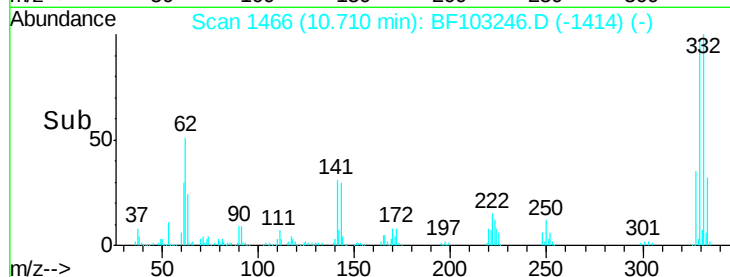
141 39.6 29.9 44.9



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: 78.332 ng

RT: 9.23 min Scan# 1215

Delta R.T. 0.01 min

Lab File: BF103246.D

Acq: 27 Feb 2018 4:07

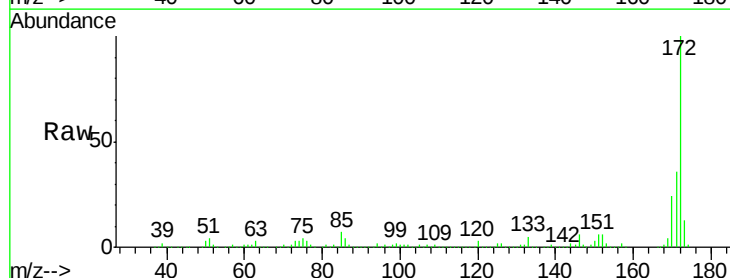
Tgt Ion:172 Resp: 1071420

Ion Ratio Lower Upper

172 100

171 36.1 29.7 44.5

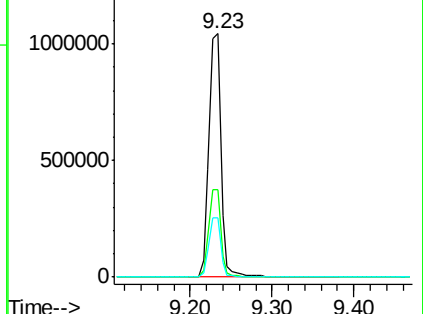
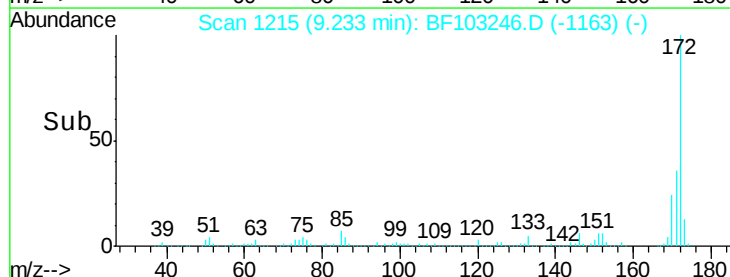
170 24.4 19.6 29.4

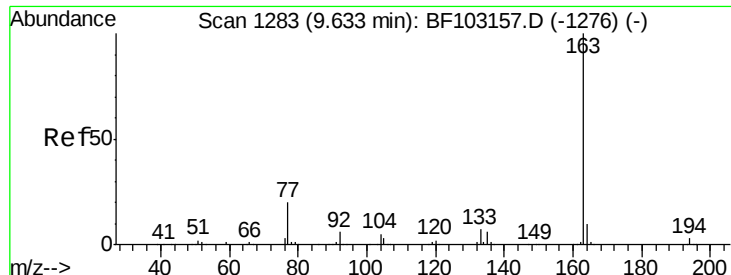


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

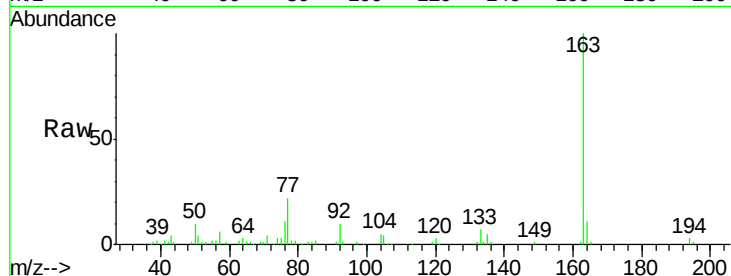




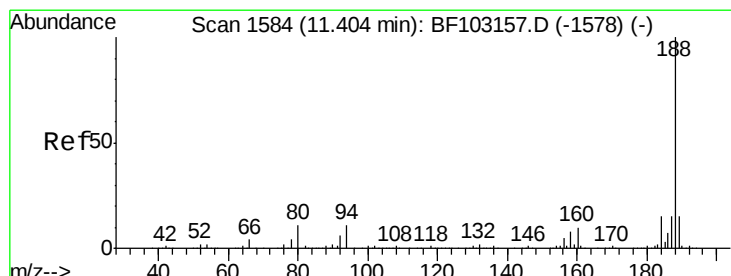
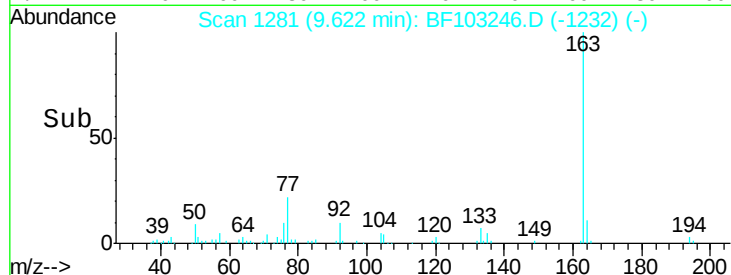
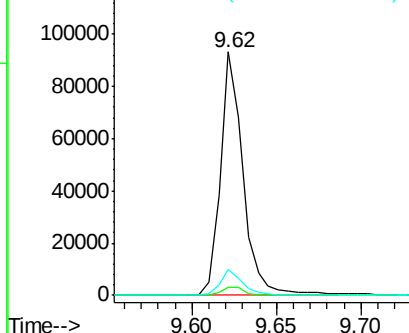
#49
Dimethylphthalate
Concen: 4.701 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103246.D
Acq: 27 Feb 2018 4:07

Instrument :
BNA_F
ClientSampleId :
CB-6-LINE-EW@4.5

Tot Ion:163 Resp: 87192
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 10.9 8.2 12.2

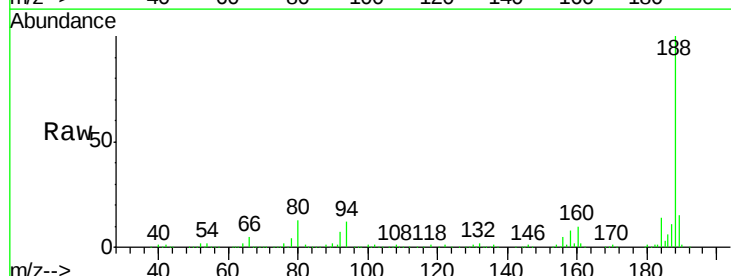


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

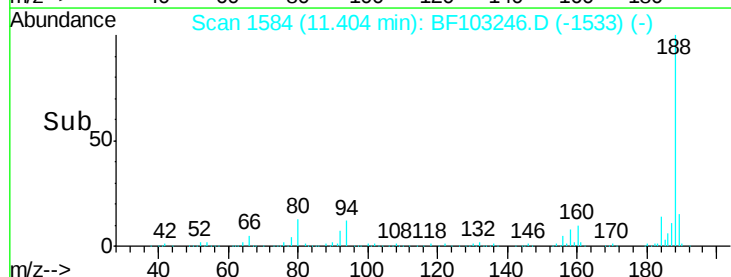
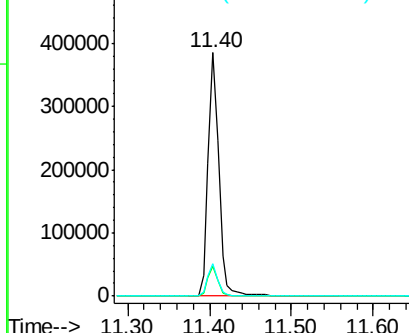


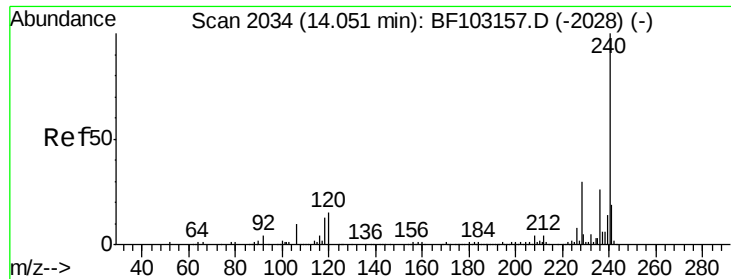
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103246.D
Acq: 27 Feb 2018 4:07

Tgt Ion:188 Resp: 352071
Ion Ratio Lower Upper
188 100
94 12.1 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: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF103246.D

Acq: 27 Feb 2018 4:07

Instrument :

BNA_F

ClientSampleId :

CB-6-LINE-EW@4.5

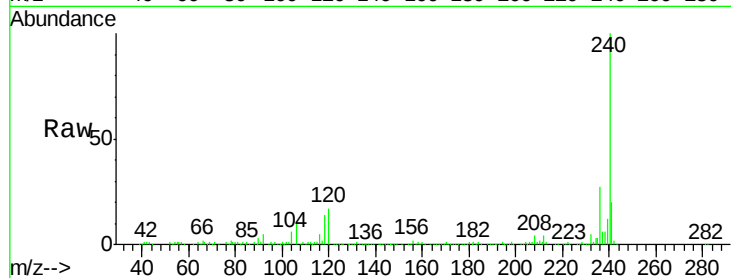
Tot Ion:240 Resp: 236851

Ion Ratio Lower Upper

240 100

120 17.1 9.5 14.3#

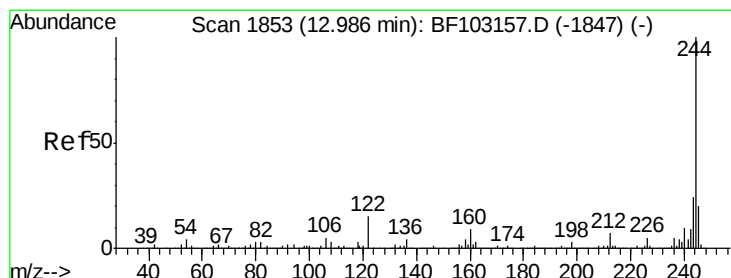
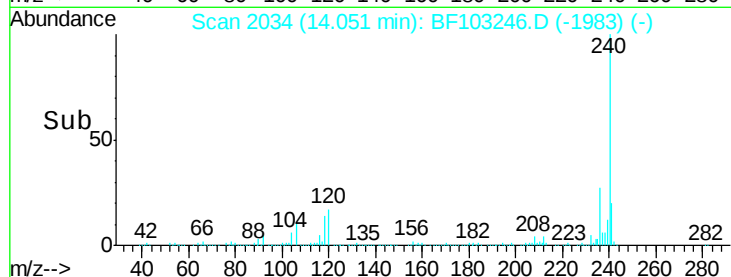
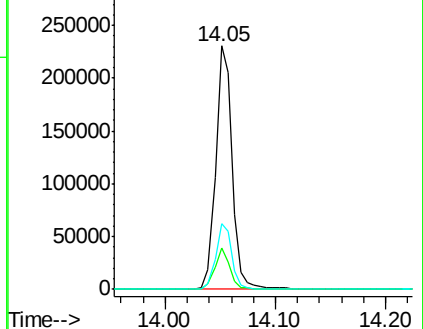
236 26.9 20.7 31.1



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: 79.125 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.01 min

Lab File: BF103246.D

Acq: 27 Feb 2018 4:07

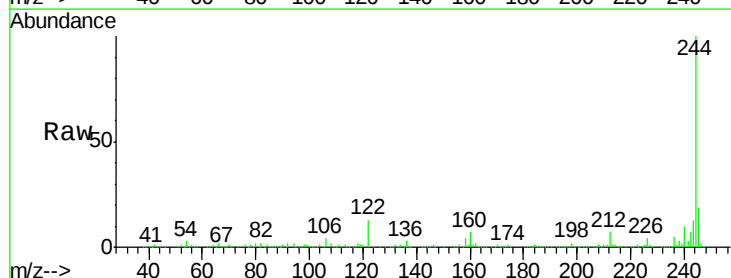
Tgt Ion:244 Resp: 779616

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

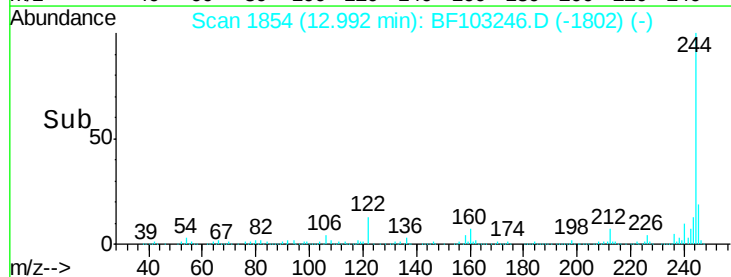
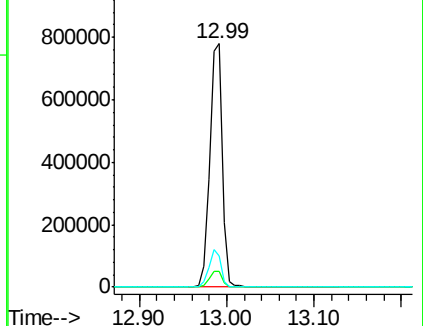
122 13.0 11.0 16.4

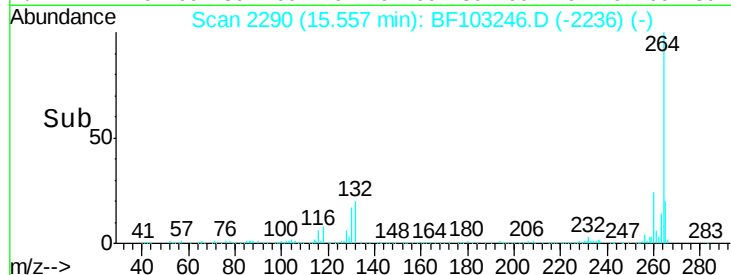
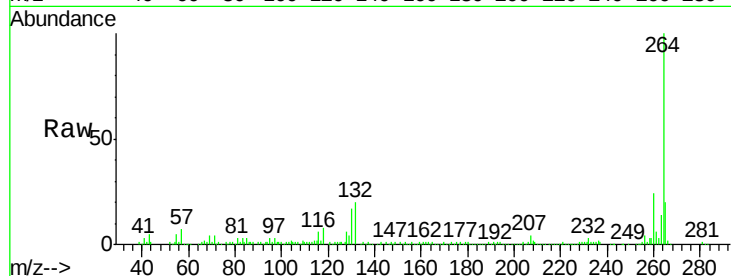
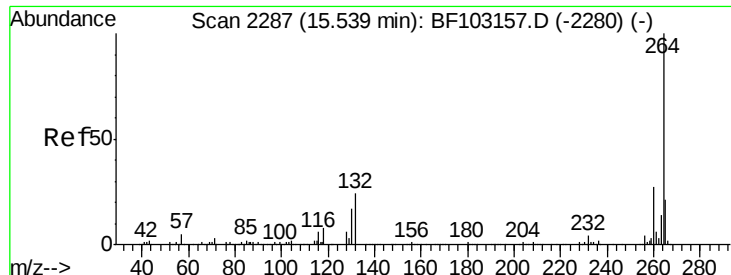


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2290
 Delta R.T. 0.02 min
 Lab File: BF103246.D
 Acq: 27 Feb 2018 4:07

Instrument :
 BNA_F
 ClientSampleId :
 CB-6-LINE-EW@4.5

Tot Ion:	264	Resp:	165764
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	20.2	17.5	26.3

