

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
 Data File : BF103646.D
 Acq On : 14 Mar 2018 17:45
 Operator : SJ/JU
 Sample : J1911-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5B-COMP

Quant Time: Mar 15 01:08:21 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 18:08:29 2018
 Response via : Initial Calibration

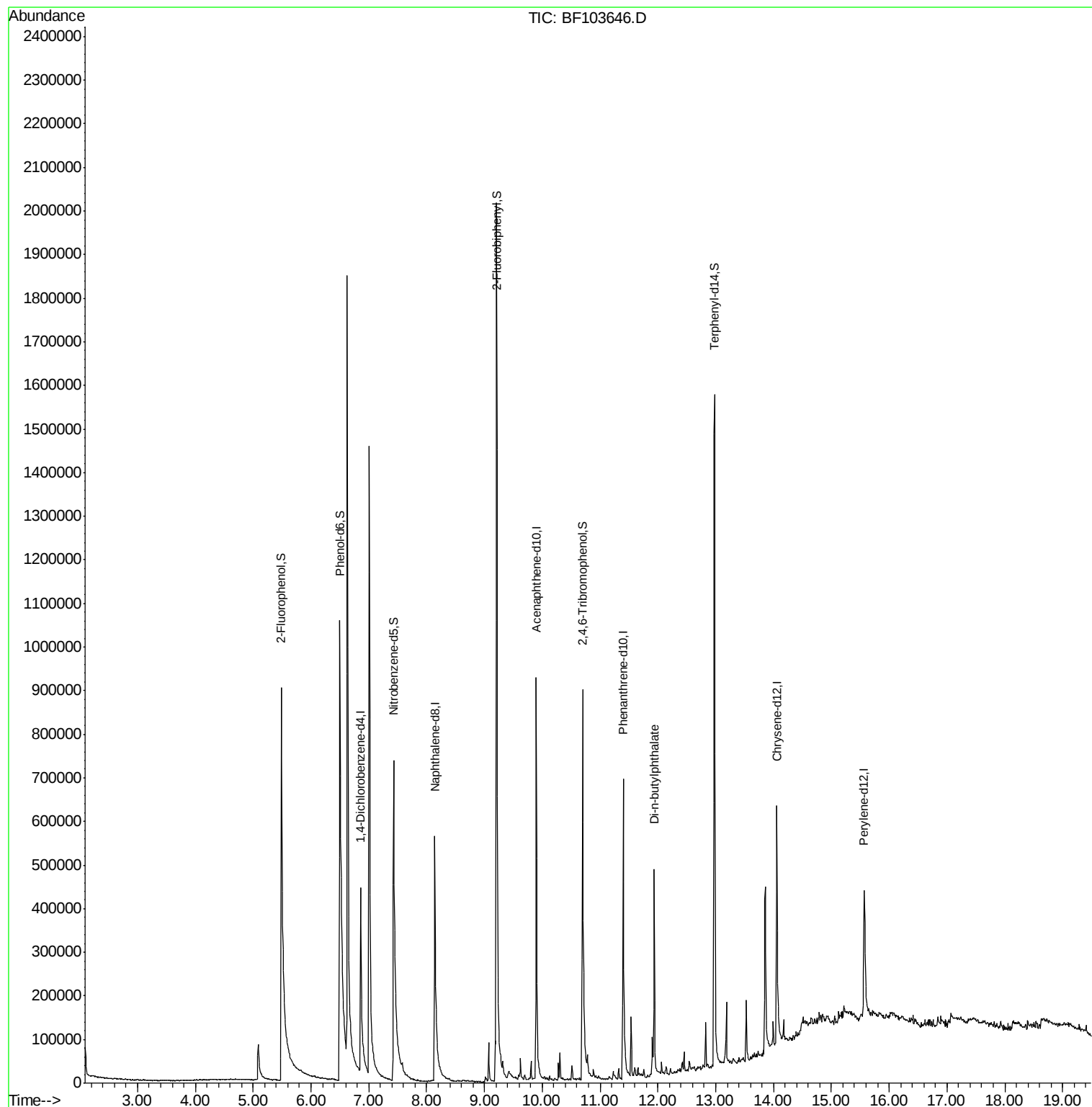
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	120455	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	529775	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	222320	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	378331	20.00	ng	0.00
75) Chrysene-d12	14.06	240	241797	20.00	ng	0.00
86) Perylene-d12	15.57	264	196749	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	687439	86.31	ng	0.00
7) Phenol-d6	6.50	99	851463	87.37	ng	0.00
23) Nitrobenzene-d5	7.43	82	600837	64.77	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	137455	73.04	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	823500	59.25	ng	0.00
78) Terphenyl-d14	12.98	244	600695	59.72	ng	0.00
Target Compounds						
73) Di-n-butylphthalate	11.94	149	252956	9.508	ng	99

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

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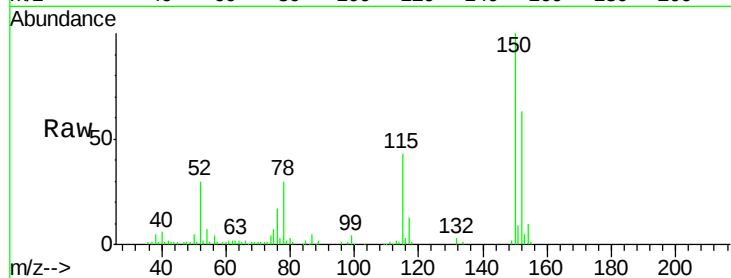


#1

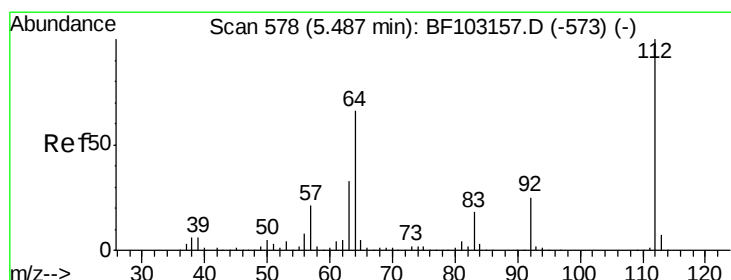
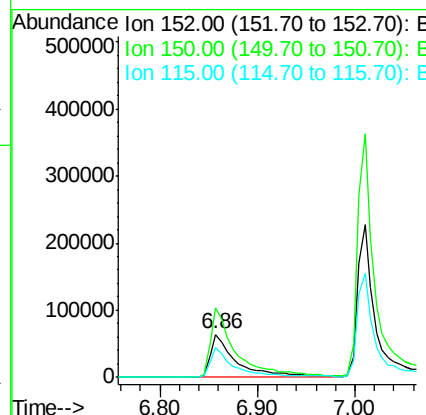
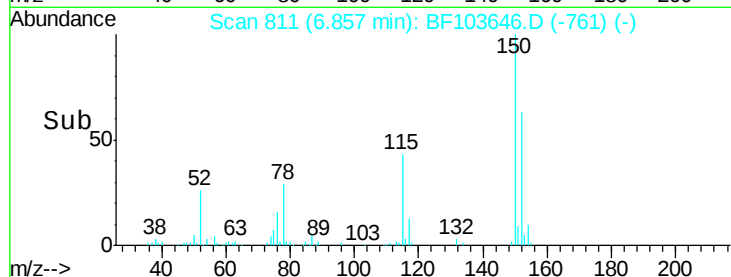
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103646.D
Acq: 14 Mar 2018 17:45

Instrument :
BNA_F
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Tot Ion	152	Resp	120455
Ion Ratio	Lower	Upper	
152	100		
150	159.8	124.6	186.8
115	68.4	50.1	75.1



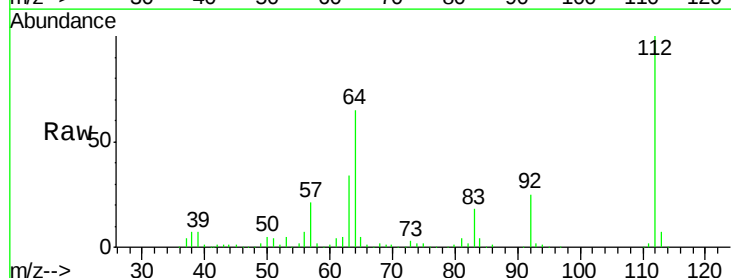
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



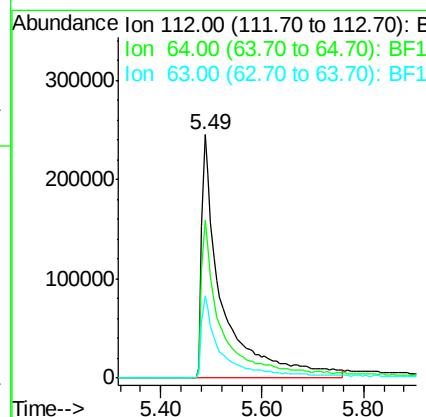
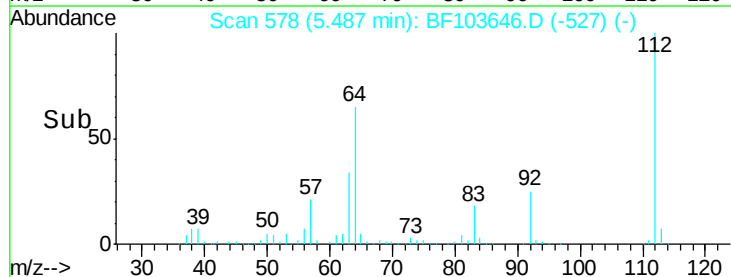
#5

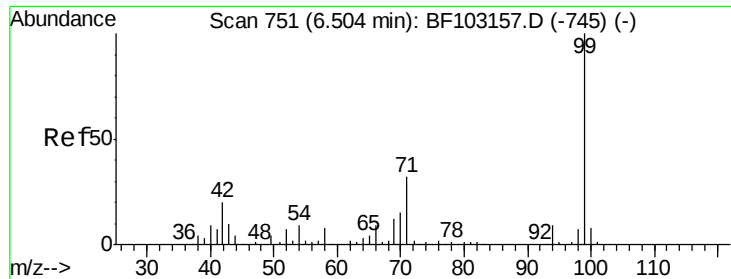
2-Fluorophenol
Concen: 86.315 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF103646.D
Acq: 14 Mar 2018 17:45

Tgt Ion	112	Resp	687439
Ion Ratio	Lower	Upper	
112	100		
64	65.0	47.9	71.9
63	34.0	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: 87.369 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF103646.D

Acq: 14 Mar 2018 17:45

Instrument :

BNA_F

ClientSampleId :

TP-5B-COMP

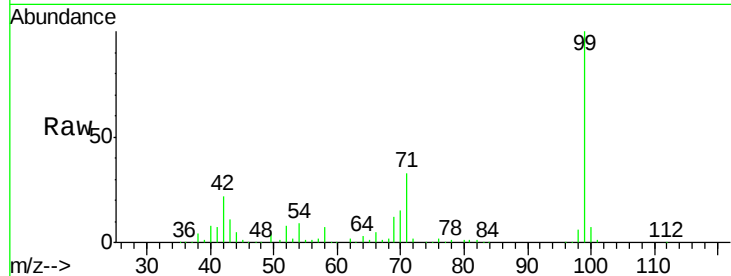
Tot Ion: 99 Resp: 851463

Ion Ratio Lower Upper

99 100

42 21.6 14.5 21.7

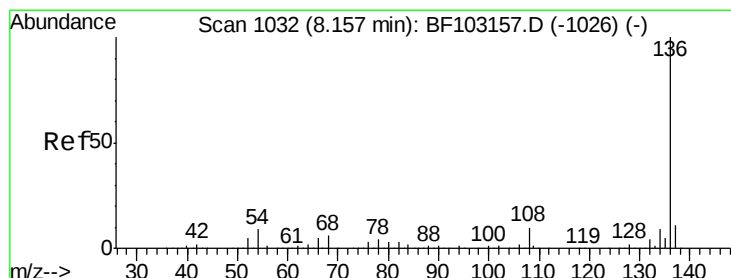
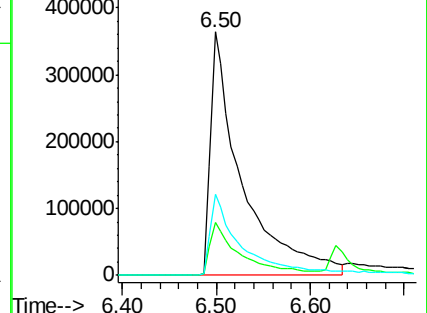
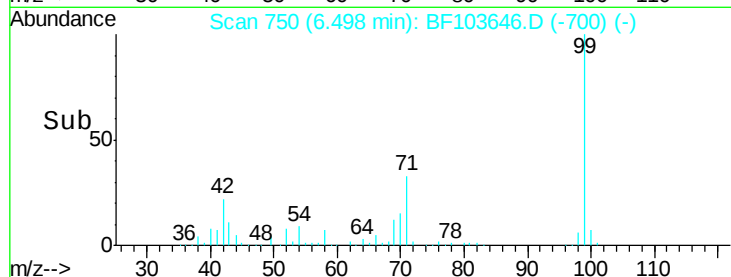
71 33.4 25.4 38.0



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: 8.14 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF103646.D

Acq: 14 Mar 2018 17:45

Tgt Ion: 136 Resp: 529775

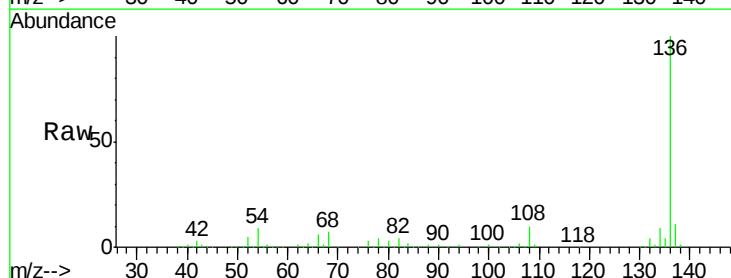
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.4 6.6 9.8

68 6.5 5.0 7.4

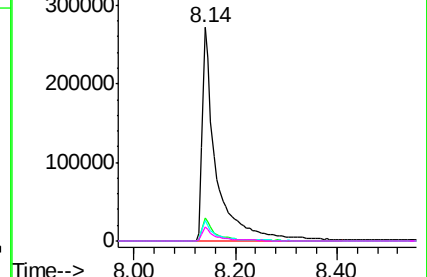
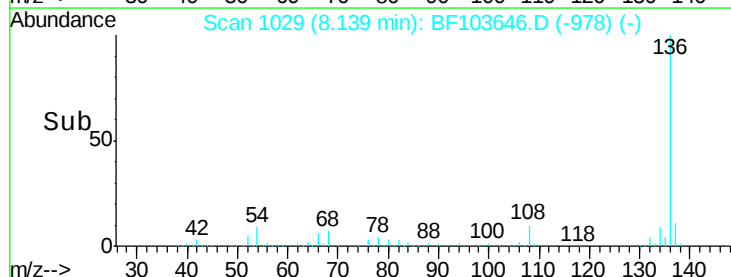


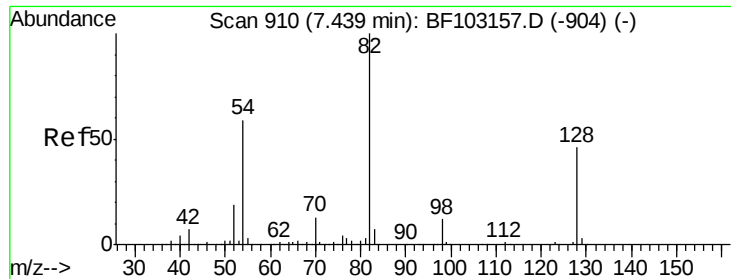
Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.769 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF103646.D

Acq: 14 Mar 2018 17:45

Instrument :

BNA_F

ClientSampleId :

TP-5B-COMP

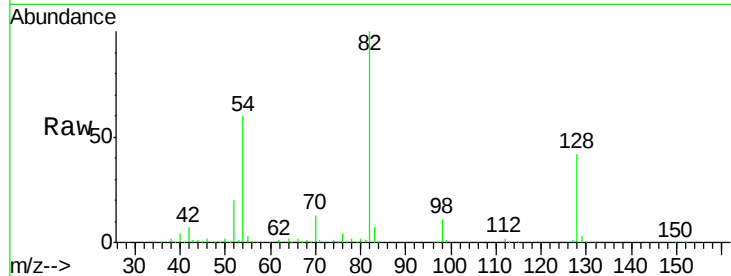
Tot Ion: 82 Resp: 600837

Ion Ratio Lower Upper

82 100

128 42.1 36.1 54.1

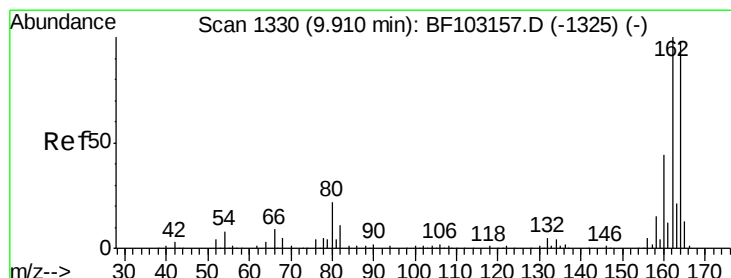
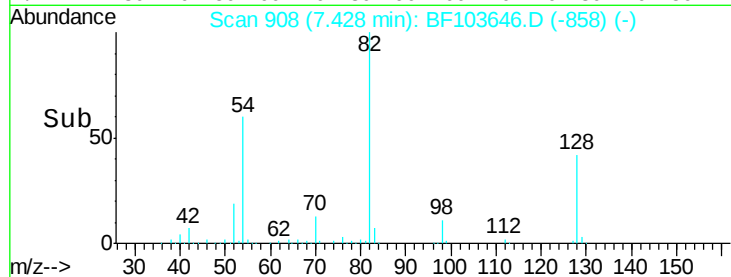
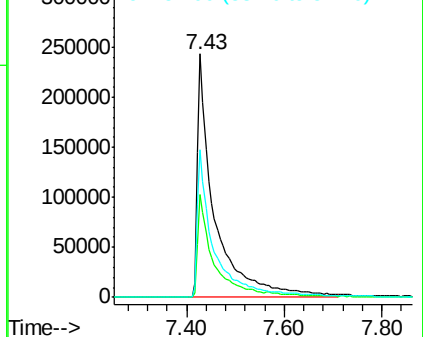
54 60.4 41.4 62.2



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: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF103646.D

Acq: 14 Mar 2018 17:45

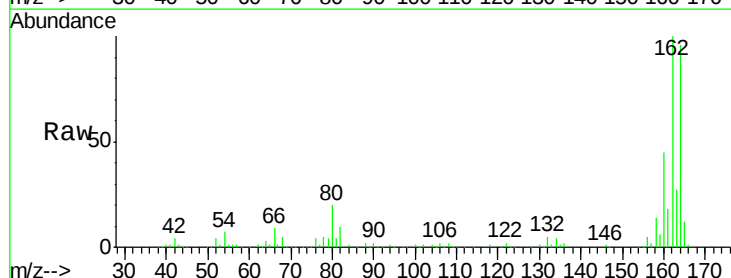
Tgt Ion:164 Resp: 222320

Ion Ratio Lower Upper

164 100

162 104.5 86.1 129.1

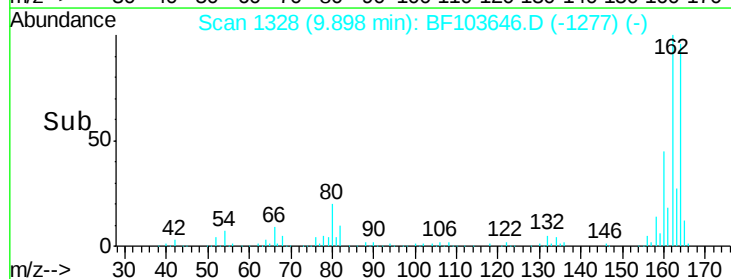
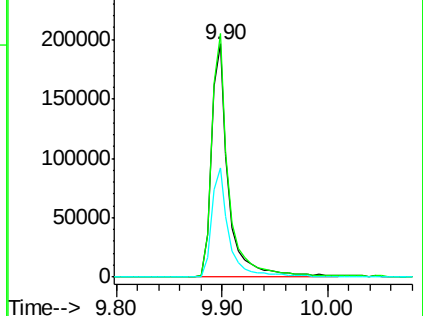
160 46.8 38.3 57.5

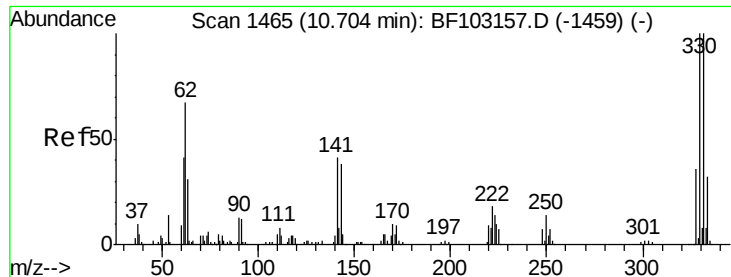


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 73.044 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BF103646.D

Acq: 14 Mar 2018 17:45

Instrument :

BNA_F

ClientSampleId :

TP-5B-COMP

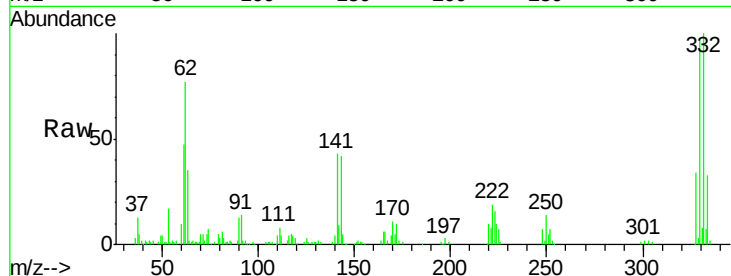
Tot Ion:330 Resp: 137455

Ion Ratio Lower Upper

330 100

332 104.6 77.0 115.6

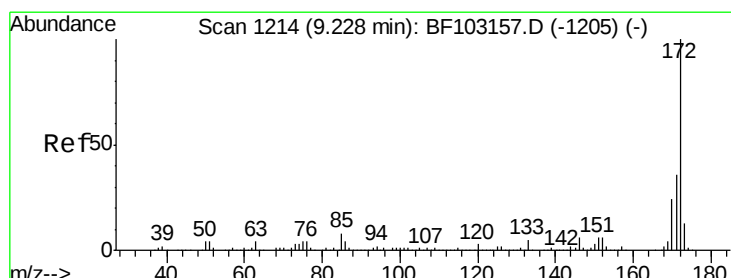
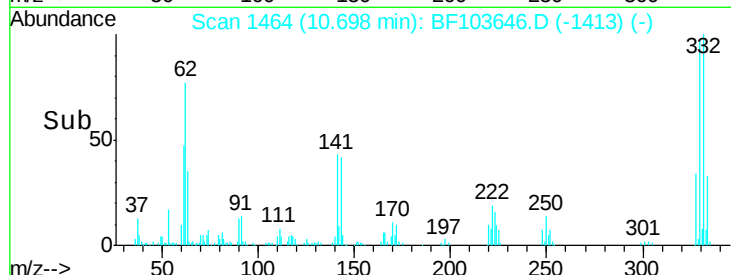
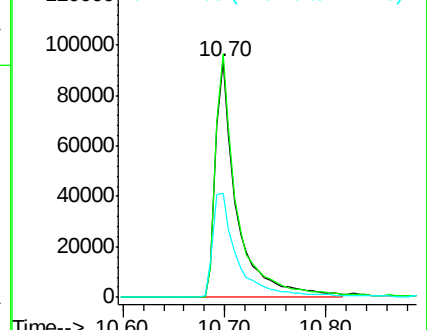
141 51.5 29.9 44.9#



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: 59.252 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF103646.D

Acq: 14 Mar 2018 17:45

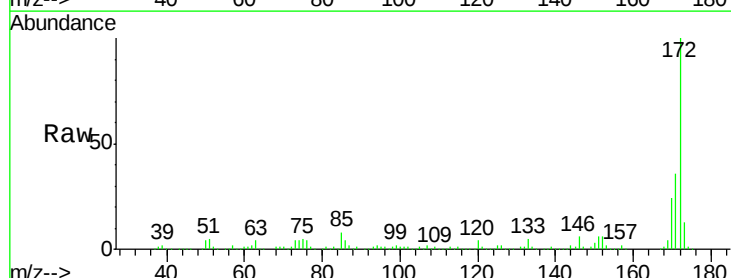
Tgt Ion:172 Resp: 823500

Ion Ratio Lower Upper

172 100

171 35.5 29.7 44.5

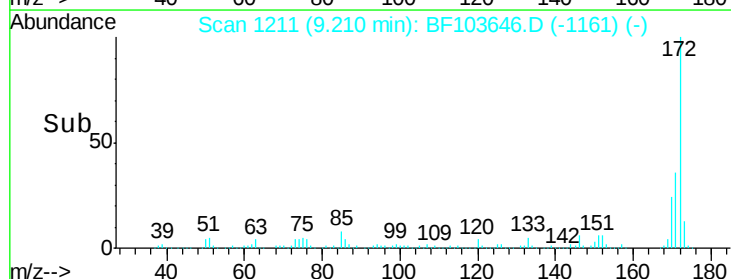
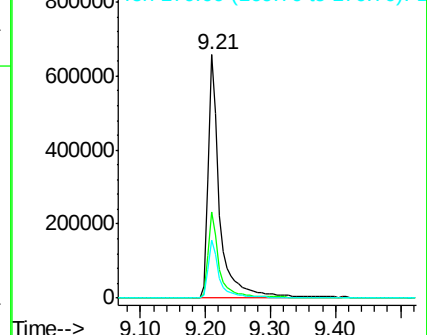
170 24.1 19.6 29.4

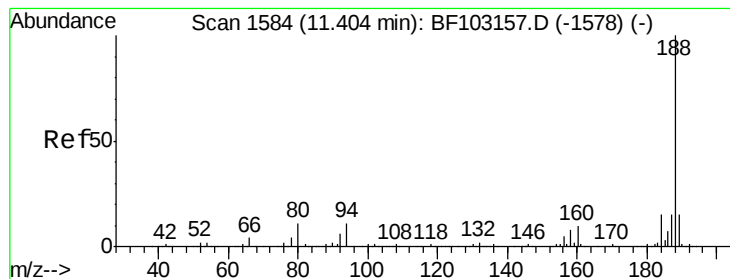


Abundance Ion 172.00 (171.70 to 172.70): E

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. 0.00 min

Lab File: BF103646.D

Acq: 14 Mar 2018 17:45

Instrument :

BNA_F

ClientSampleId :

TP-5B-COMP

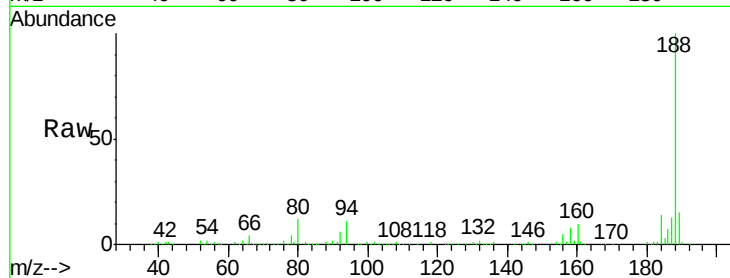
Tot Ion:188 Resp: 378331

Ion Ratio Lower Upper

188 100

94 11.0 8.5 12.7

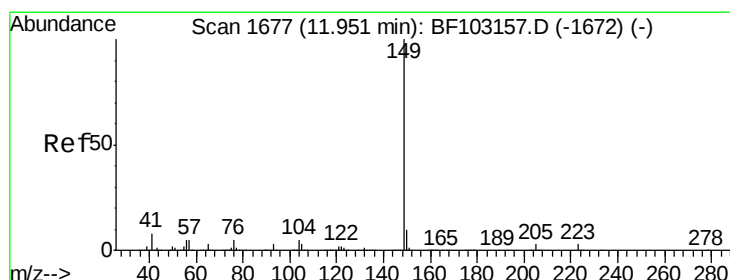
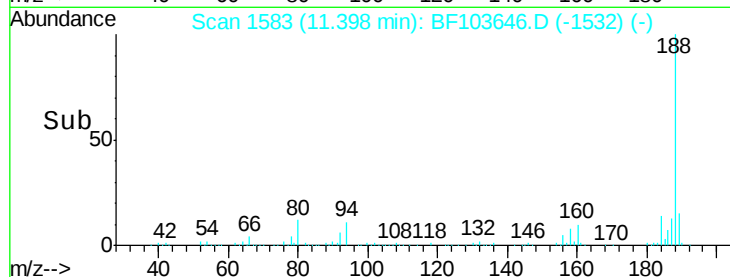
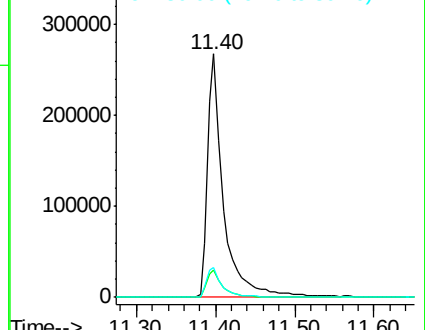
80 12.0 9.2 13.8



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



#73

Di-n-butylphthalate

Concen: 9.508 ng

RT: 11.94 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BF103646.D

Acq: 14 Mar 2018 17:45

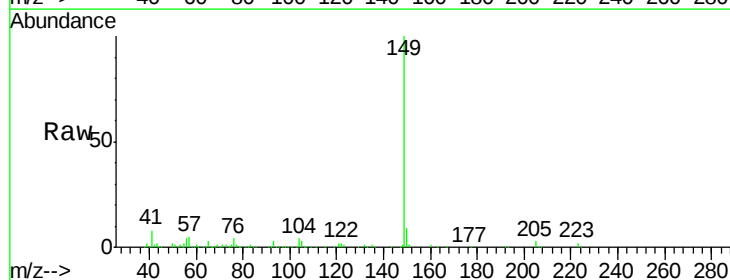
Tgt Ion:149 Resp: 252956

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

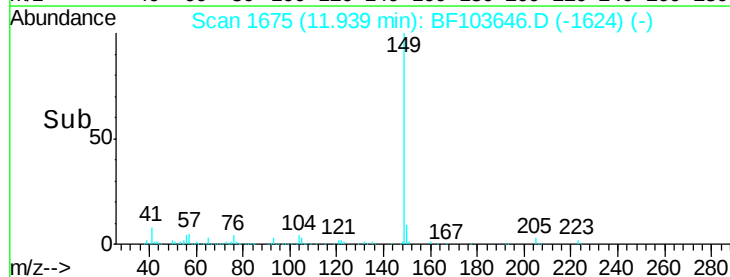
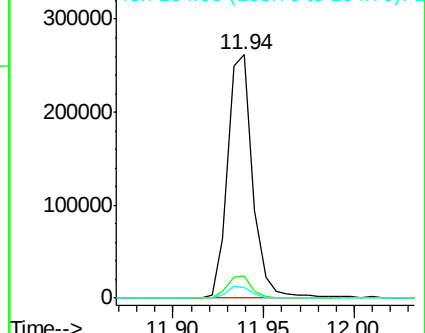
104 4.4 3.8 5.8

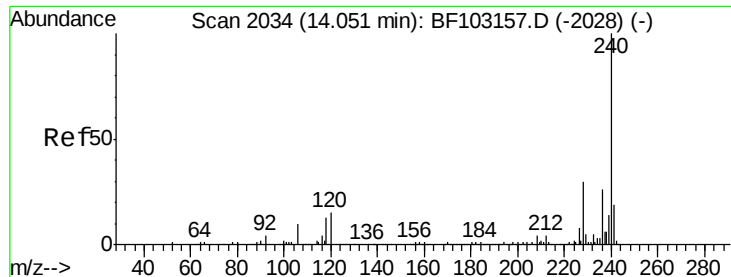


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF103646.D

Acq: 14 Mar 2018 17:45

Instrument :

BNA_F

ClientSampleId :

TP-5B-COMP

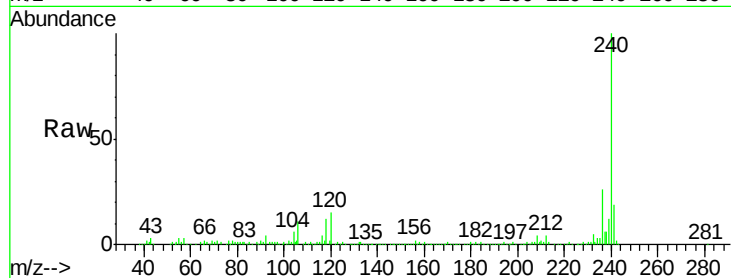
Tot Ion:240 Resp: 241797

Ion Ratio Lower Upper

240 100

120 15.2 9.5 14.3#

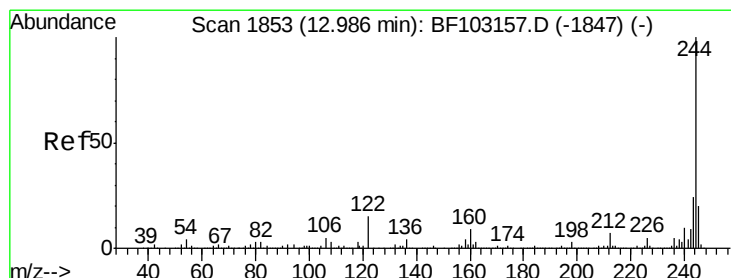
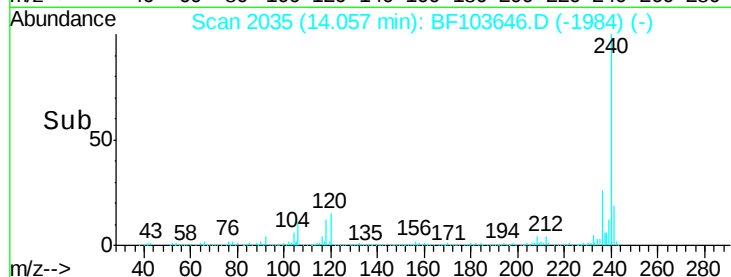
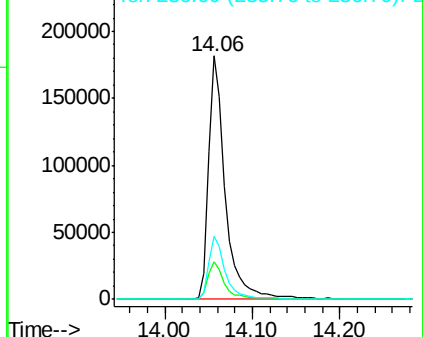
236 26.2 20.7 31.1



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: 59.719 ng

RT: 12.98 min Scan# 1852

Delta R.T. 0.01 min

Lab File: BF103646.D

Acq: 14 Mar 2018 17:45

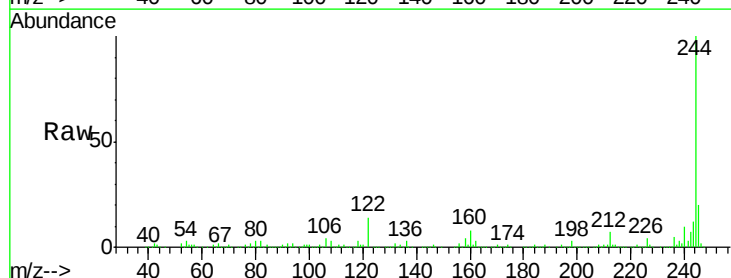
Tgt Ion:244 Resp: 600695

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

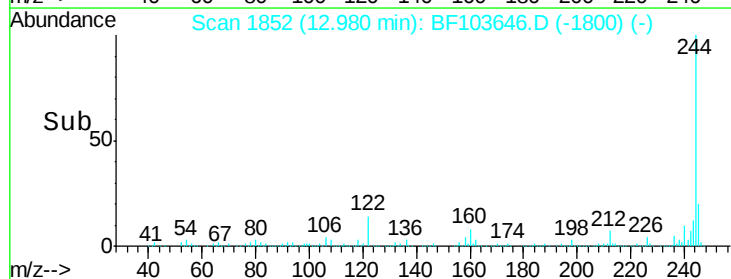
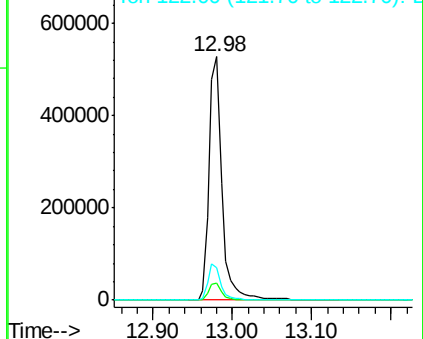
122 13.5 11.0 16.4

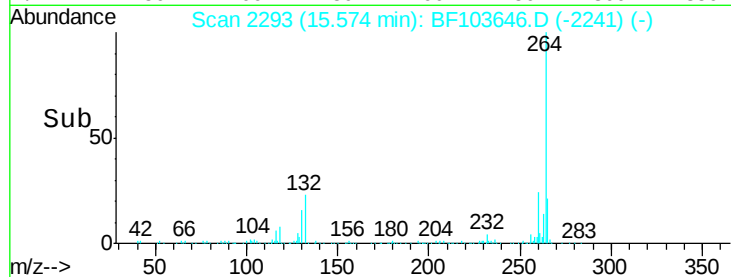
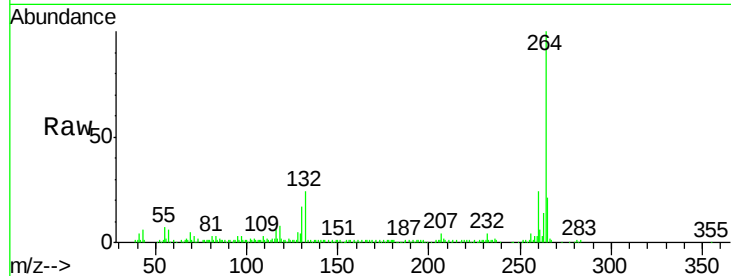
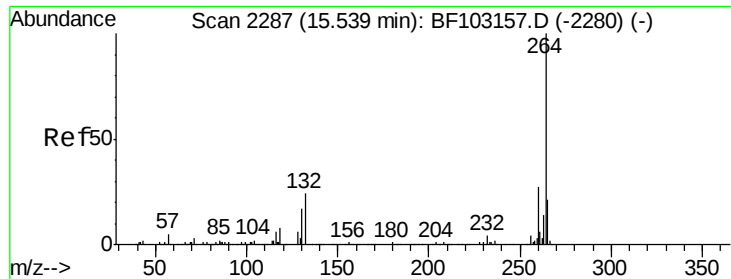


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.01 min
Lab File: BF103646.D
Acq: 14 Mar 2018 17:45

Instrument :
BNA_F
ClientSampleId :
TP-5B-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.2	17.5	26.3

