

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
 Data File : BF103651.D
 Acq On : 14 Mar 2018 19:59
 Operator : SJ/JU
 Sample : J1754-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-031318-C

Quant Time: Mar 15 01:27:27 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

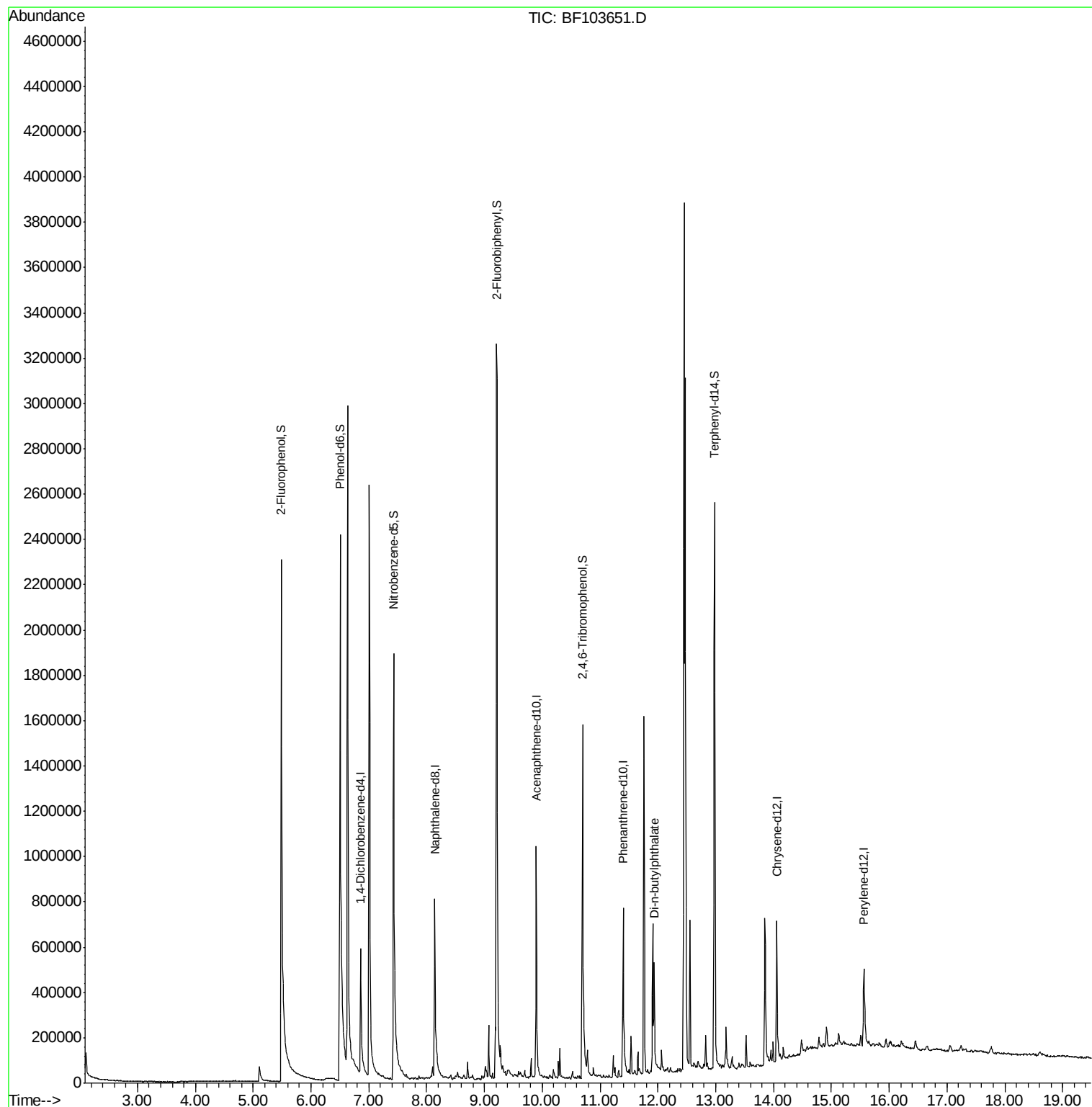
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	138669	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	592260	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	254982	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	409575	20.00	ng	0.00
75) Chrysene-d12	14.06	240	252879	20.00	ng	0.00
86) Perylene-d12	15.57	264	220919	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1166439	127.22	ng	0.00
7) Phenol-d6	6.50	99	1465459	130.62	ng	0.00
23) Nitrobenzene-d5	7.43	82	996654	96.10	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	235020	108.89	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1366508	94.88	ng	0.00
78) Terphenyl-d14	12.98	244	941873	89.53	ng	0.00
Target Compounds						
73) Di-n-butylphthalate	11.94	149	232429	8.070	ng	99

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

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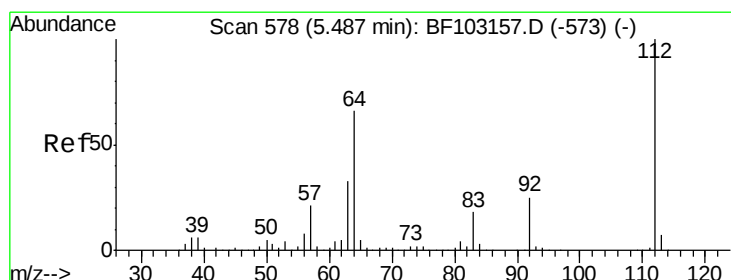
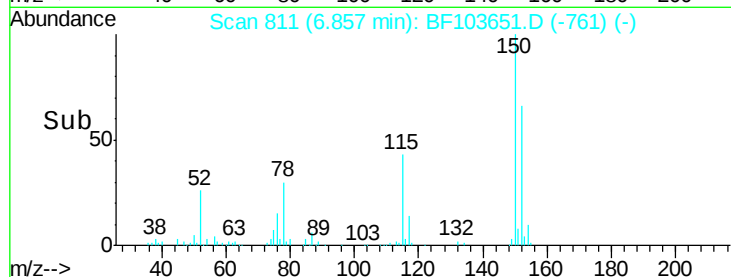
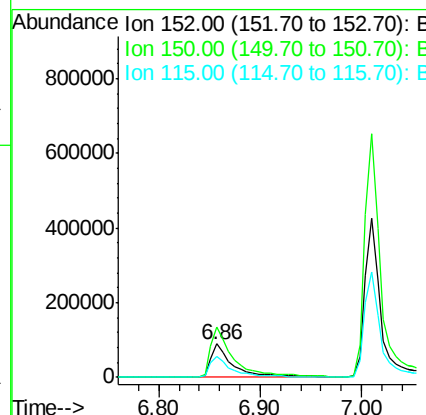
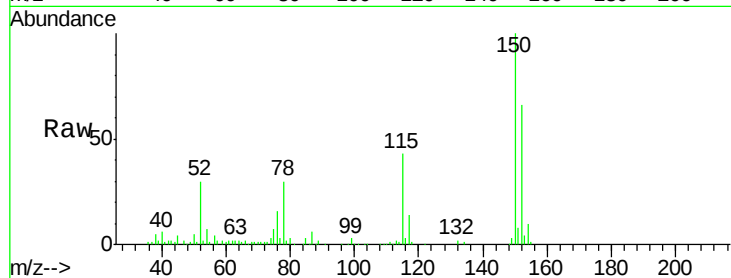


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103651.D
Acq: 14 Mar 2018 19:59

Instrument :
BNA_F
ClientSampleId :
CL-01-031318-C

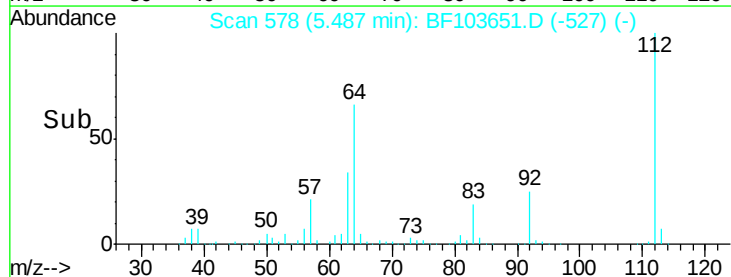
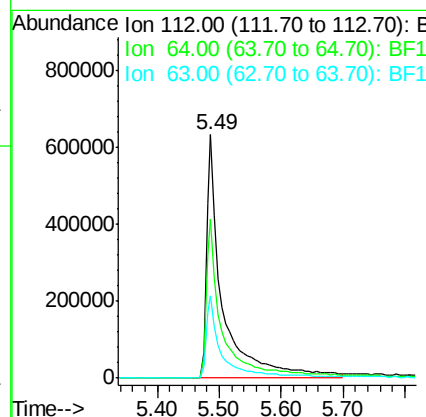
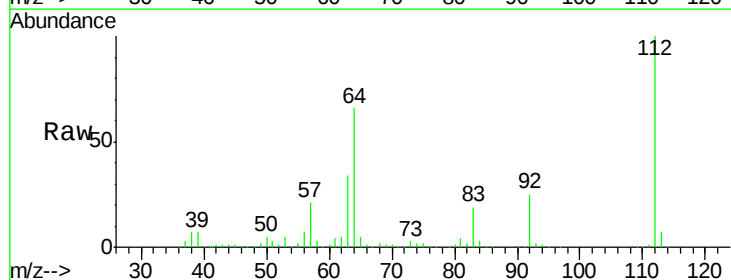
Tot Ion:152 Resp: 138669
Ion Ratio Lower Upper
152 100
150 151.1 124.6 186.8
115 64.5 50.1 75.1

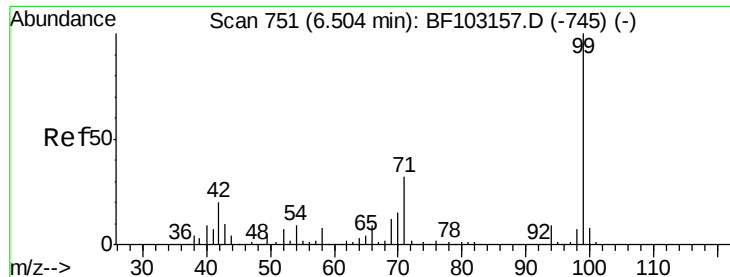


#5

2-Fluorophenol
Concen: 127.221 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF103651.D
Acq: 14 Mar 2018 19:59

Tgt Ion:112 Resp: 1166439
Ion Ratio Lower Upper
112 100
64 65.5 47.9 71.9
63 33.8 23.7 35.5





#7

Phenol-d6

Concen: 130.621 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103651.D

Acq: 14 Mar 2018 19:59

Instrument :

BNA_F

ClientSampleId :

CL-01-031318-C

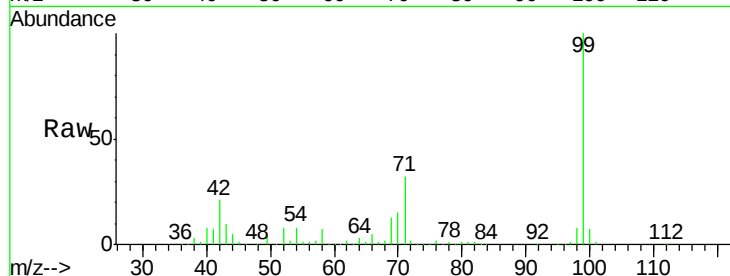
Tot Ion: 99 Resp: 1465459

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

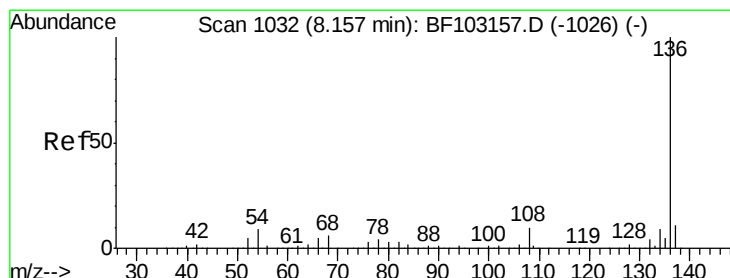
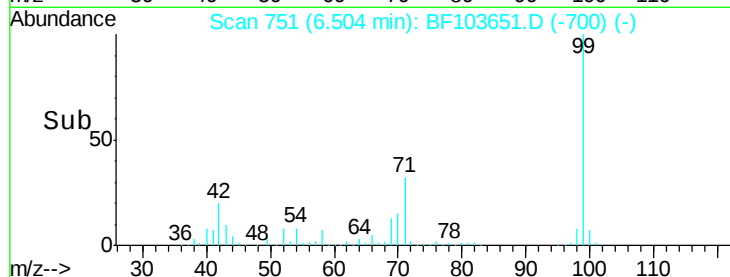
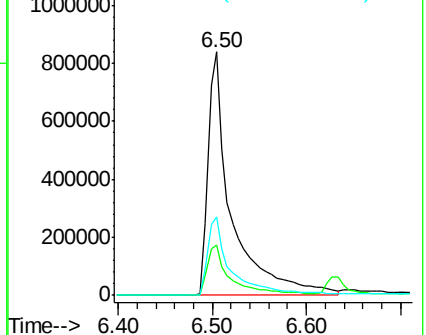
71 32.4 25.4 38.0



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: BF103651.D

Acq: 14 Mar 2018 19:59

Tgt Ion:136 Resp: 592260

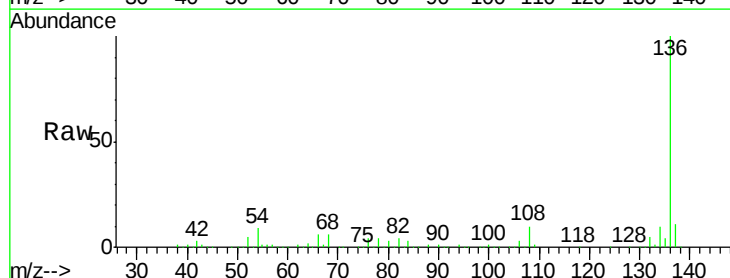
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.3 6.6 9.8

68 6.3 5.0 7.4

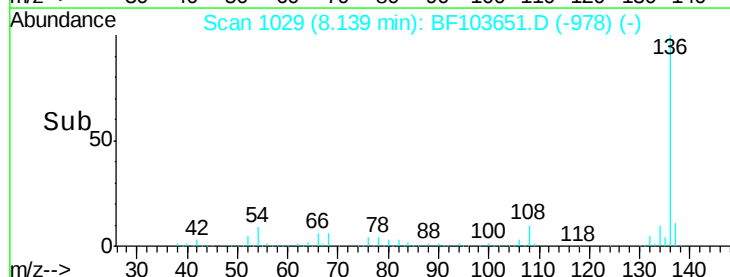
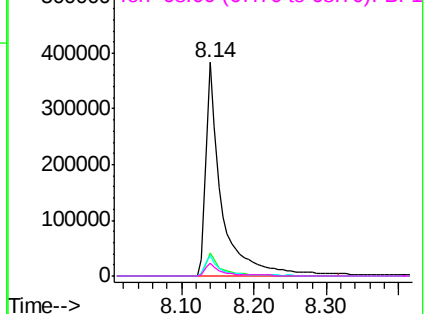


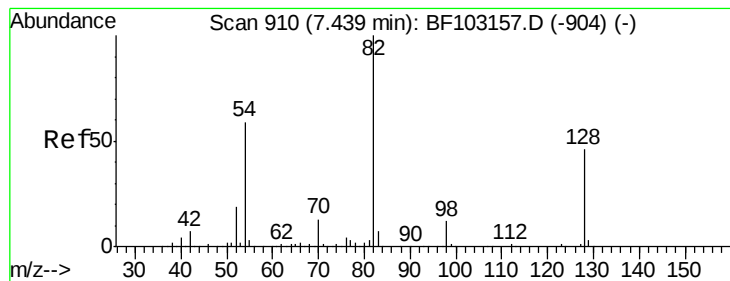
Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.102 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF103651.D

Acq: 14 Mar 2018 19:59

Instrument :

BNA_F

ClientSampleId :

CL-01-031318-C

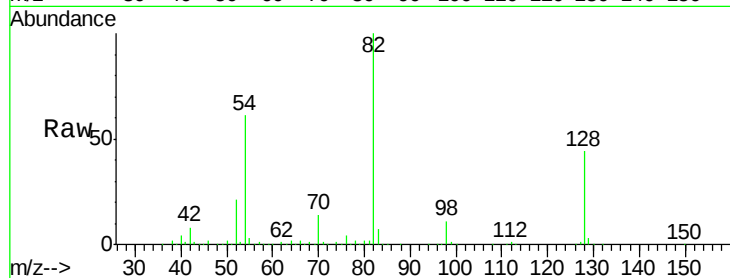
Tot Ion: 82 Resp: 996654

Ion Ratio Lower Upper

82 100

128 44.4 36.1 54.1

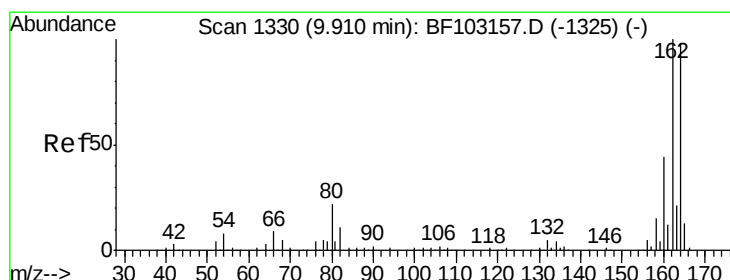
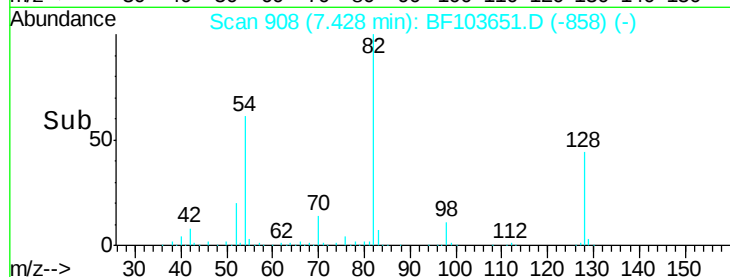
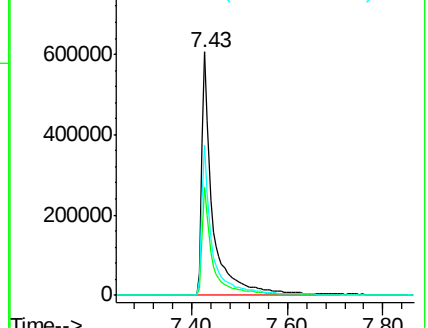
54 61.5 41.4 62.2



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: BF103651.D

Acq: 14 Mar 2018 19:59

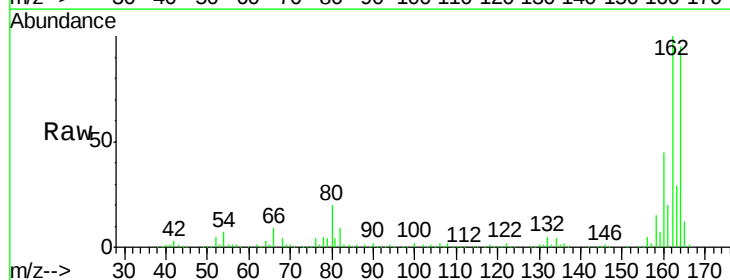
Tgt Ion:164 Resp: 254982

Ion Ratio Lower Upper

164 100

162 104.7 86.1 129.1

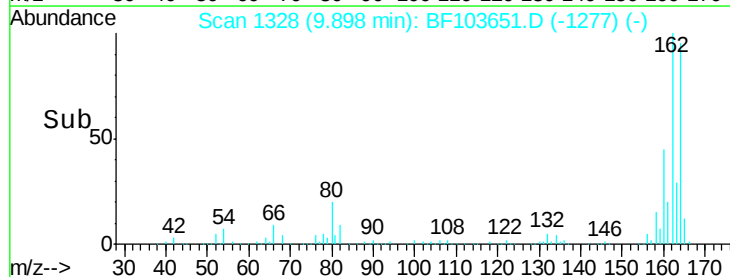
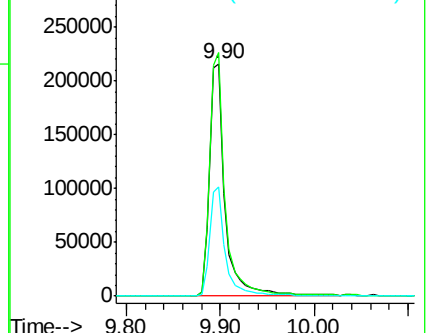
160 47.0 38.3 57.5

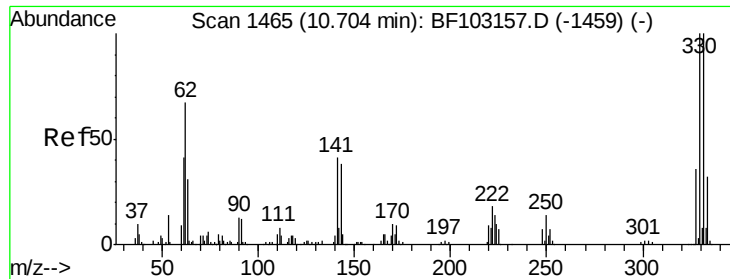


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

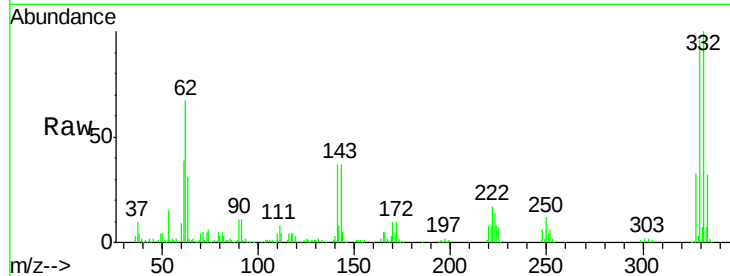




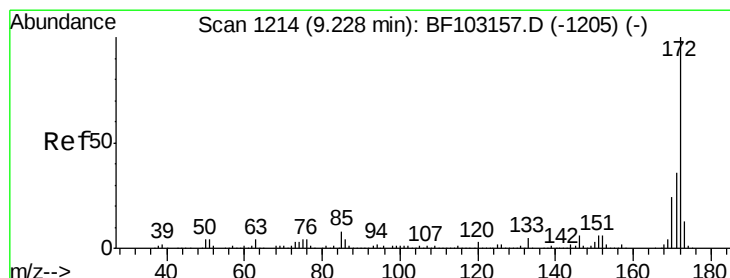
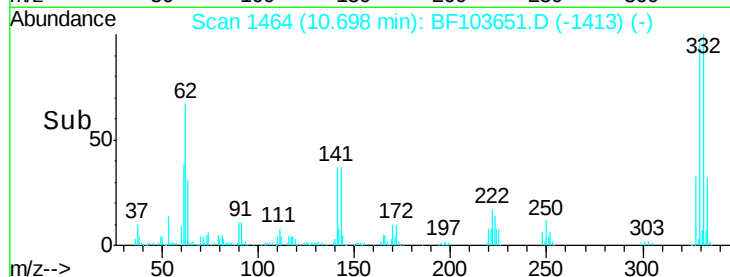
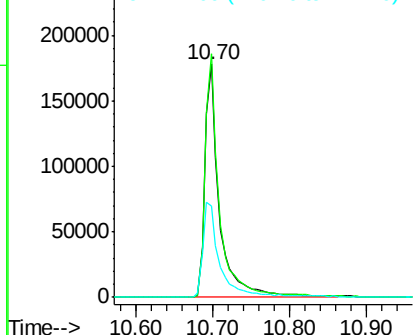
#41
 2,4,6-Tribromophenol
 Concen: 108.892 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF103651.D
 Acq: 14 Mar 2018 19:59

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-031318-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.6	77.0	115.6
141	48.3	29.9	44.9

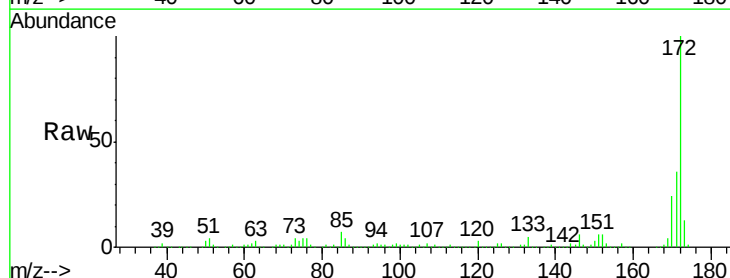


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

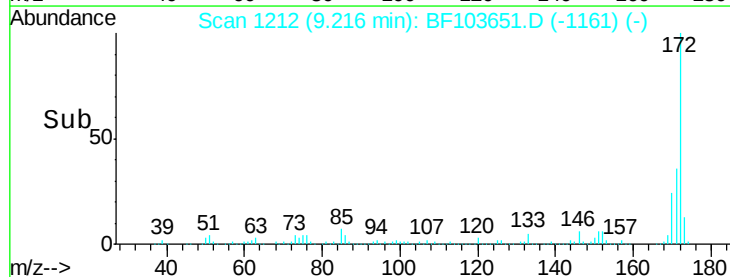
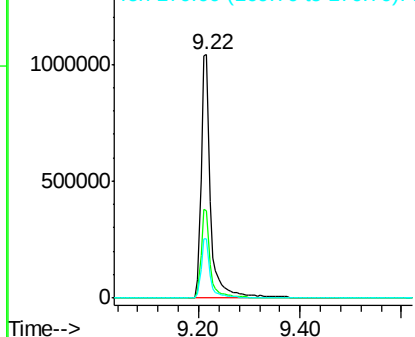


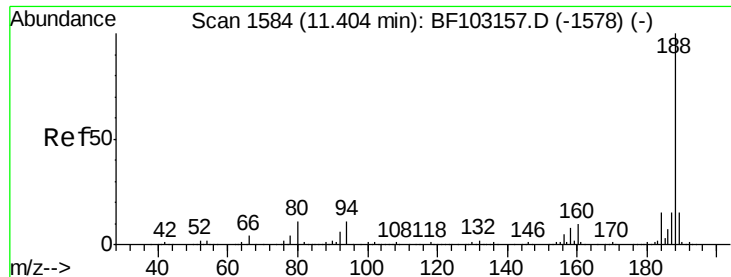
#44
 2-Fluorobiphenyl
 Concen: 94.876 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF103651.D
 Acq: 14 Mar 2018 19:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF103651.D

Acq: 14 Mar 2018 19:59

Instrument :

BNA_F

ClientSampleId :

CL-01-031318-C

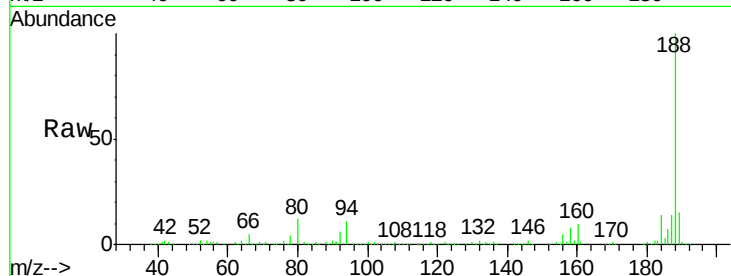
Tot Ion:188 Resp: 409575

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

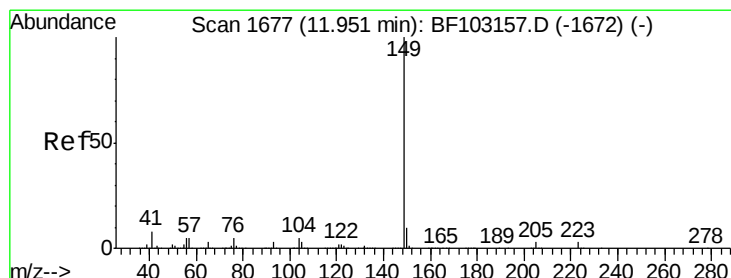
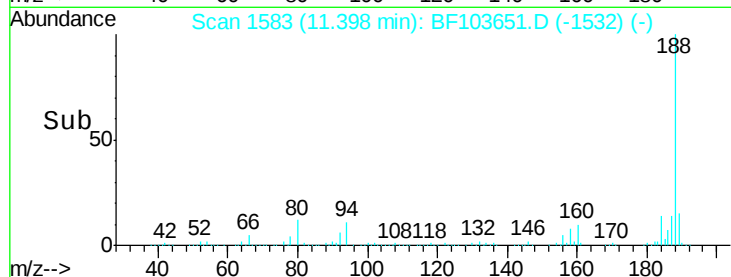
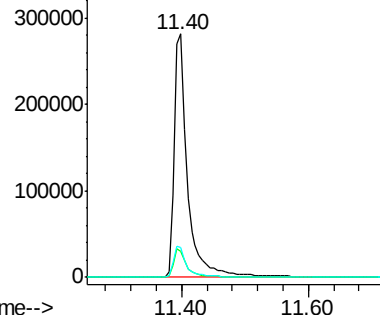
80 12.3 9.2 13.8



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: 8.070 ng

RT: 11.94 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BF103651.D

Acq: 14 Mar 2018 19:59

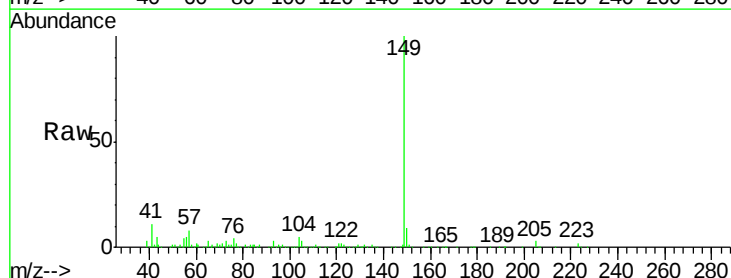
Tgt Ion:149 Resp: 232429

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

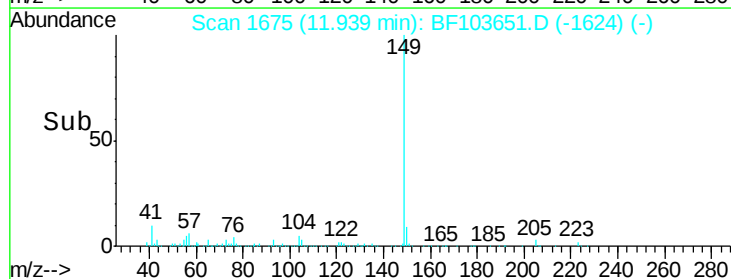
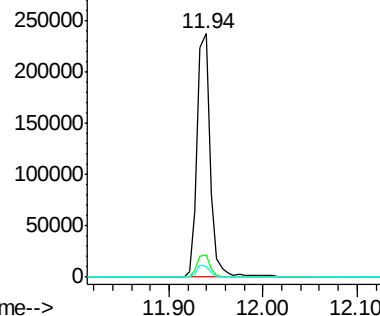
104 4.6 3.8 5.8

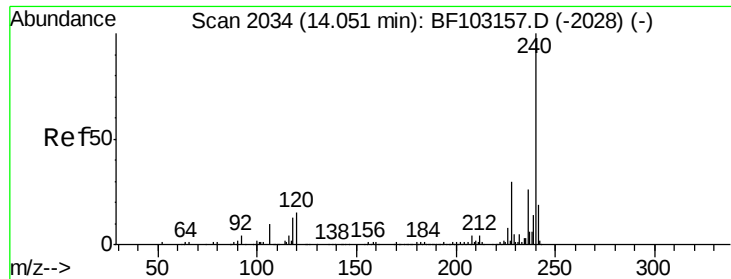


Abundance Ion 149.00 (148.70 to 149.70): E

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: BF103651.D

Acq: 14 Mar 2018 19:59

Instrument :

BNA_F

ClientSampleId :

CL-01-031318-C

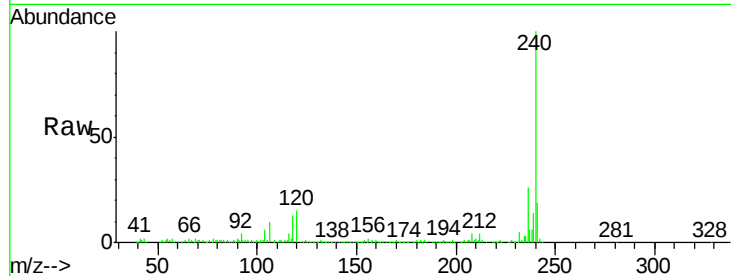
Tot Ion:240 Resp: 252879

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

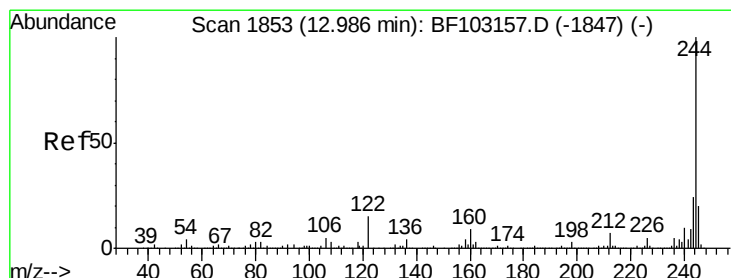
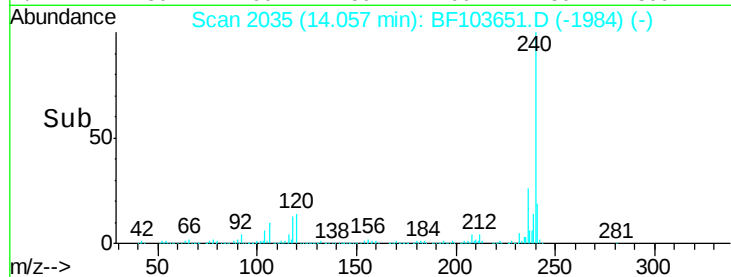
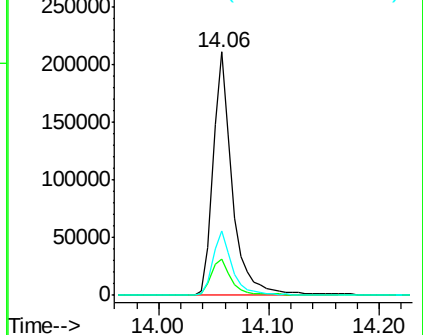
236 26.4 20.7 31.1



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: 89.534 ng

RT: 12.98 min Scan# 1852

Delta R.T. 0.01 min

Lab File: BF103651.D

Acq: 14 Mar 2018 19:59

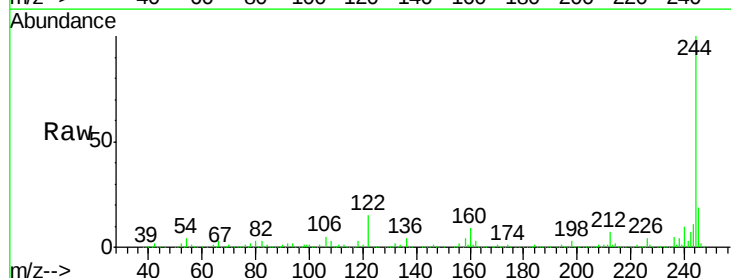
Tgt Ion:244 Resp: 941873

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

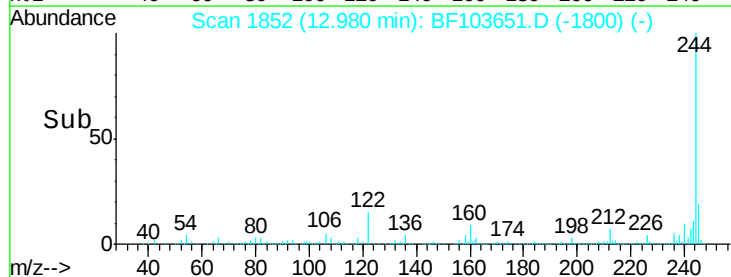
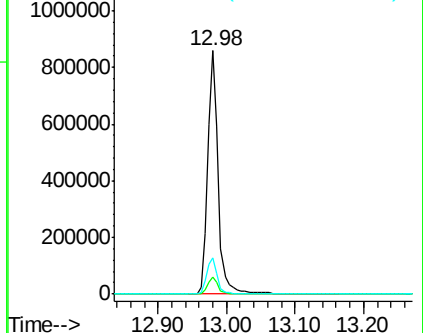
122 14.7 11.0 16.4

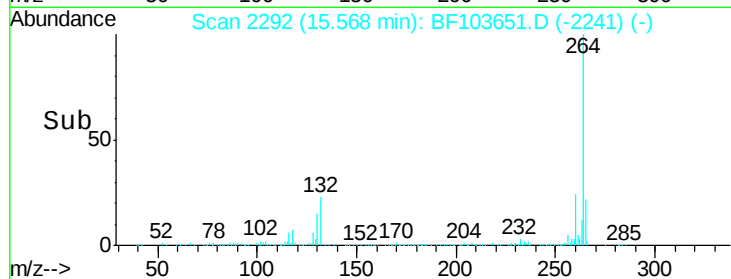
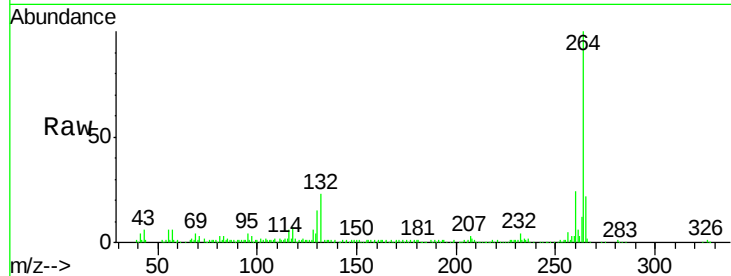
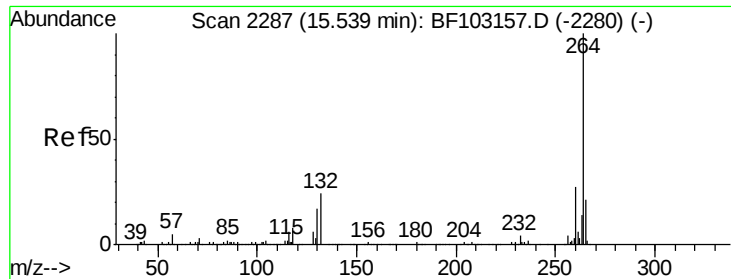


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BF103651.D
Acq: 14 Mar 2018 19:59

Instrument :
BNA_F
ClientSampleId :
CL-01-031318-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.0	17.5	26.3

