

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
 Data File : BF103653.D
 Acq On : 14 Mar 2018 20:53
 Operator : SJ/JU
 Sample : J1911-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5A-COMP

Quant Time: Mar 15 01:35:39 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

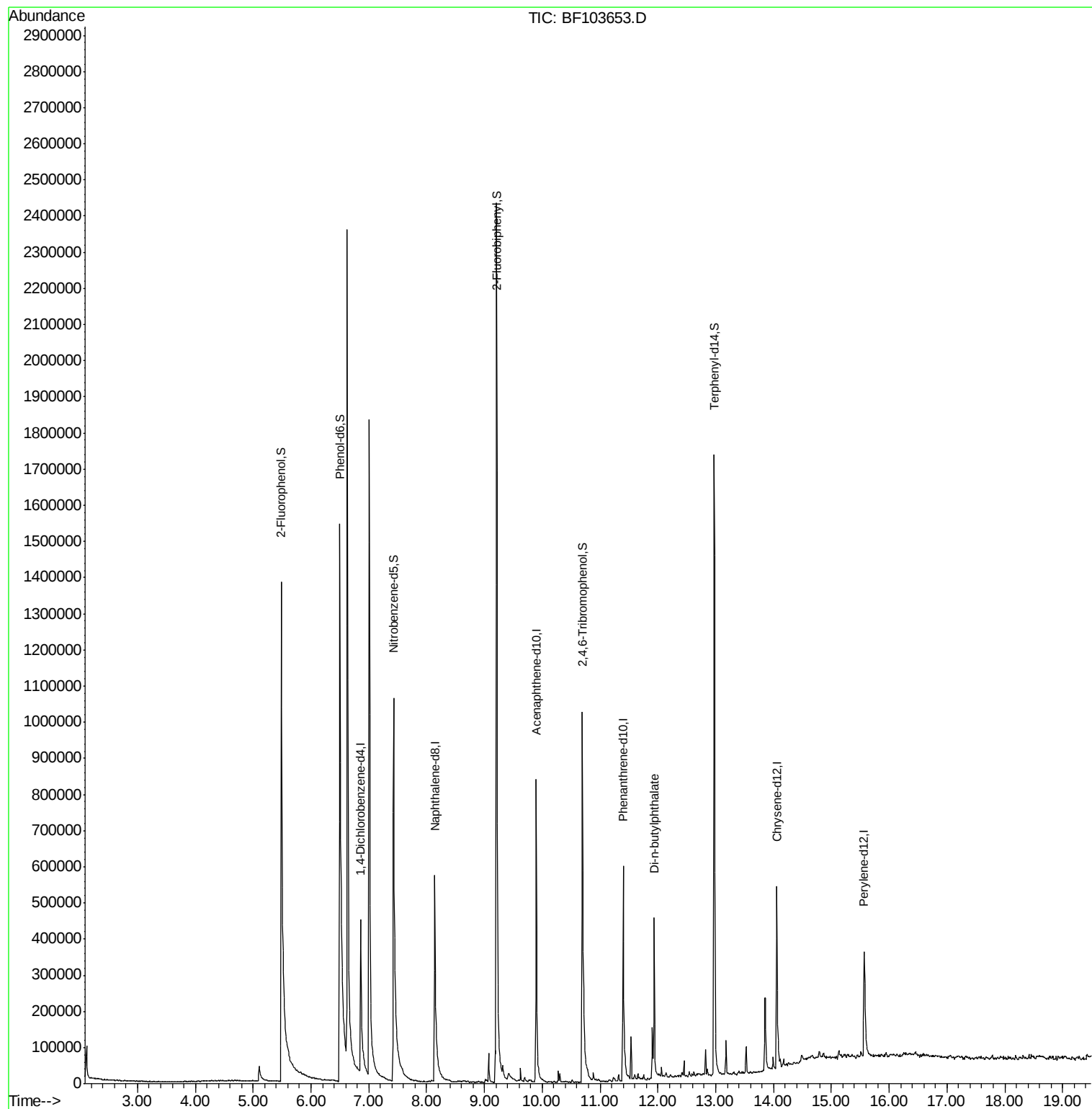
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	120267	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	514954	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	216599	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	343641	20.00	ng	0.00
75) Chrysene-d12	14.06	240	219993	20.00	ng	0.00
86) Perylene-d12	15.57	264	189059	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	858531	107.97	ng	0.00
7) Phenol-d6	6.50	99	1156751	118.88	ng	0.00
23) Nitrobenzene-d5	7.43	82	734459	81.45	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	162157	88.45	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	979850	75.97	ng	0.00
78) Terphenyl-d14	12.97	244	636921	69.60	ng	0.00
Target Compounds						
73) Di-n-butylphthalate	11.93	149	233097	9.646	ng	99

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

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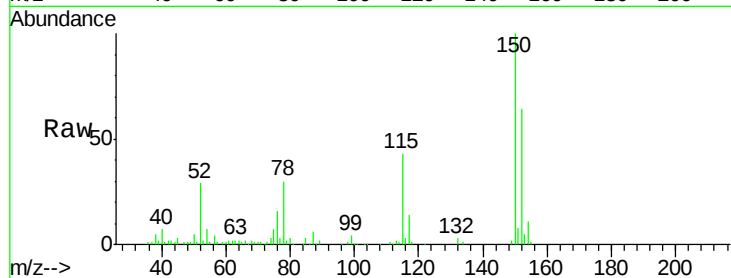


#1

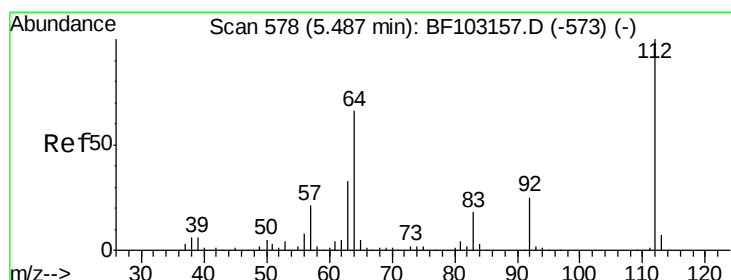
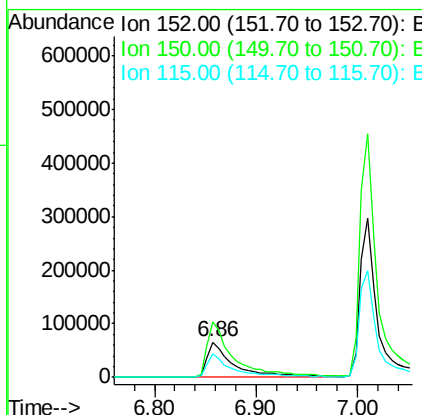
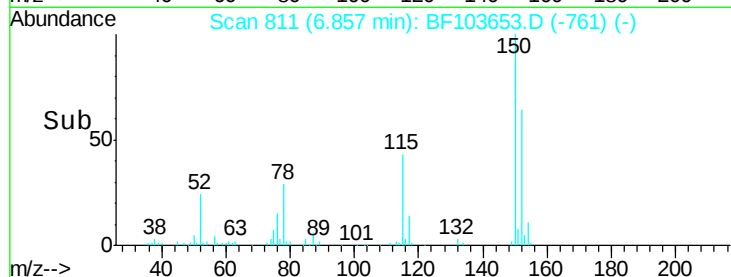
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103653.D
Acq: 14 Mar 2018 20:53

Instrument :
BNA_F
ClientSampleId :
TP-5A-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	68.0	50.1	75.1



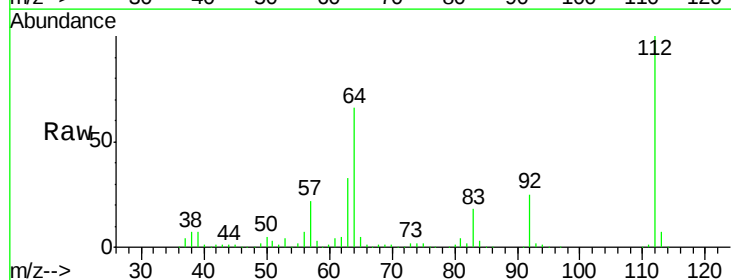
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



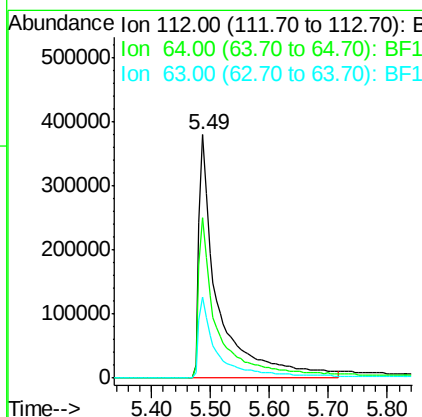
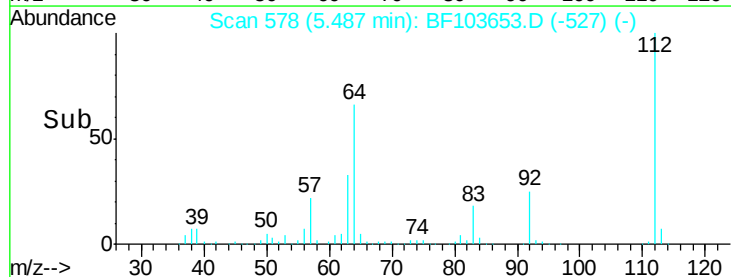
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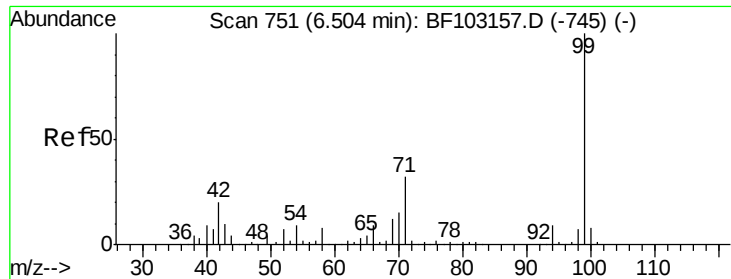
2-Fluorophenol
Concen: 107.965 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF103653.D
Acq: 14 Mar 2018 20:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.9	47.9	71.9
63	33.4	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: 118.881 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF103653.D

Acq: 14 Mar 2018 20:53

Instrument :

BNA_F

ClientSampleId :

TP-5A-COMP

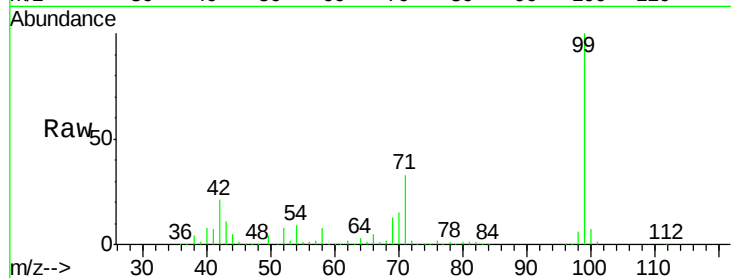
Tot Ion: 99 Resp: 1156751

Ion Ratio Lower Upper

99 100

42 21.1 14.5 21.7

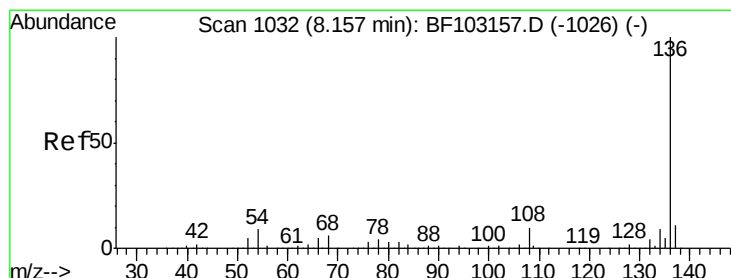
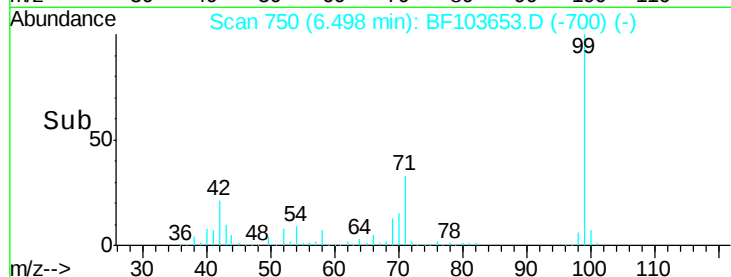
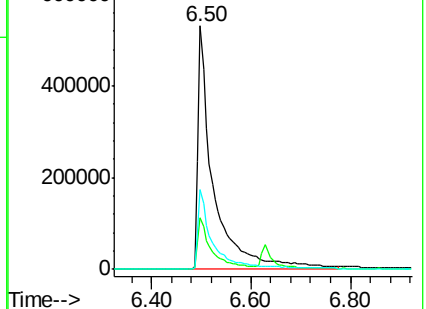
71 32.7 25.4 38.0



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: 8.14 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF103653.D

Acq: 14 Mar 2018 20:53

Tgt Ion: 136 Resp: 514954

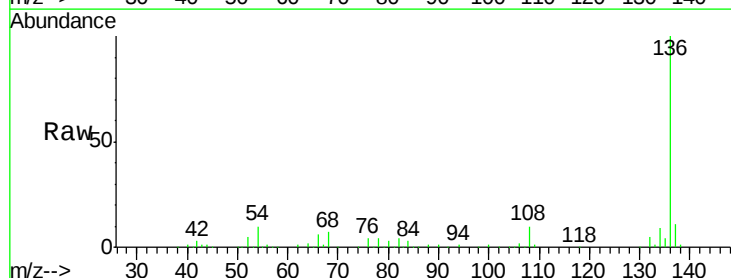
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 9.5 6.6 9.8

68 6.9 5.0 7.4

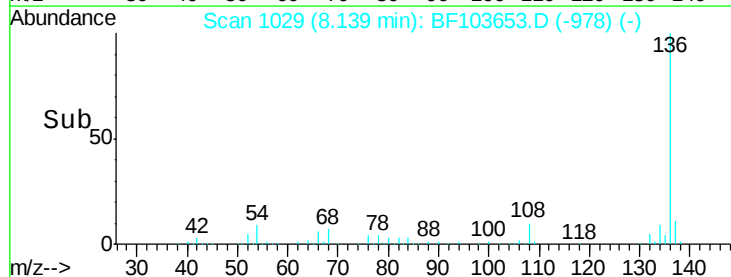
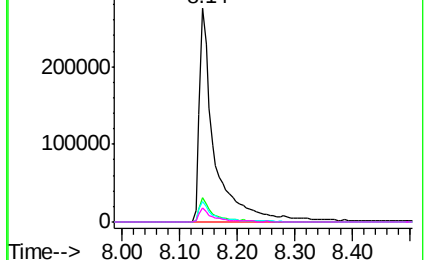


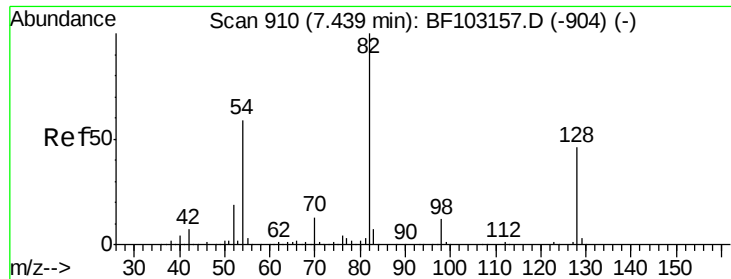
Abundance Ion 136.00 (135.70 to 136.70): E

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

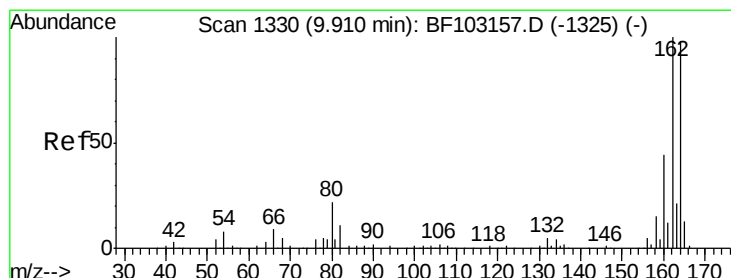
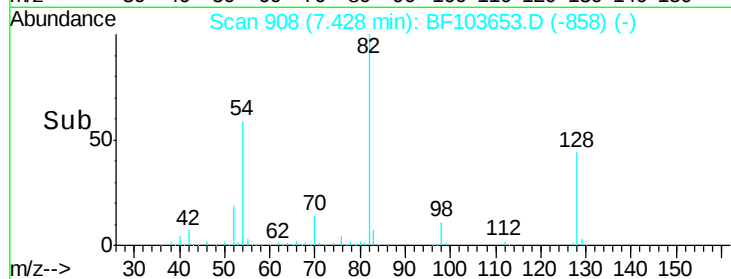
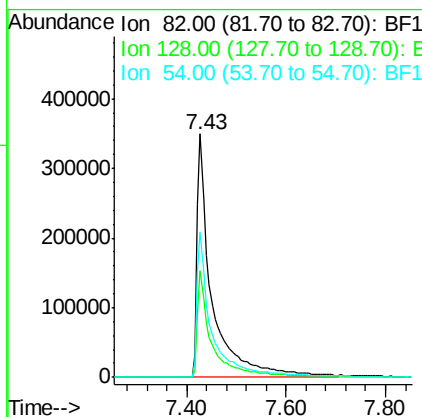
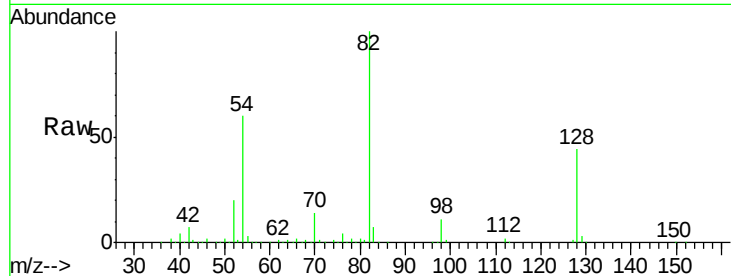




#23
 Nitrobenzene-d5
 Concen: 81.452 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF103653.D
 Acq: 14 Mar 2018 20:53

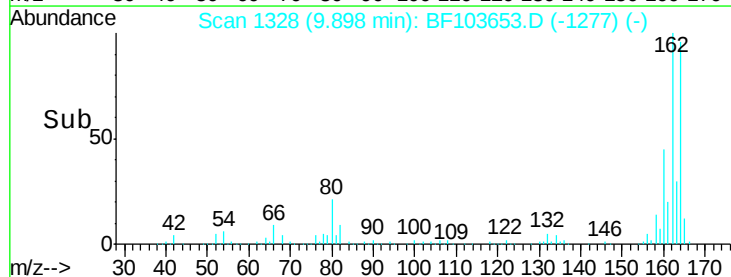
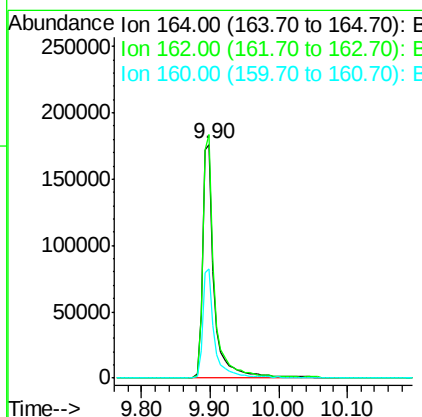
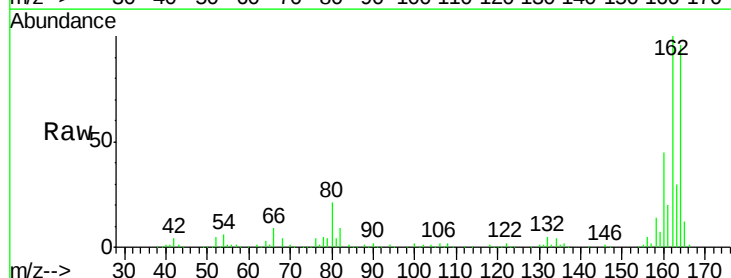
Instrument :
 BNA_F
 ClientSampleId :
 TP-5A-COMP

Tot Ion: 82 Resp: 734459
 Ion Ratio Lower Upper
 82 100
 128 43.6 36.1 54.1
 54 59.6 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF103653.D
 Acq: 14 Mar 2018 20:53

Tgt Ion:164 Resp: 216599
 Ion Ratio Lower Upper
 164 100
 162 104.3 86.1 129.1
 160 47.0 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 88.446 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BF103653.D

Acq: 14 Mar 2018 20:53

Instrument :

BNA_F

ClientSampleId :

TP-5A-COMP

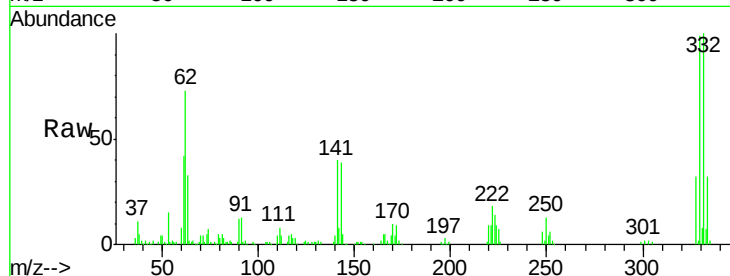
Tot Ion:330 Resp: 162157

Ion Ratio Lower Upper

330 100

332 99.9 77.0 115.6

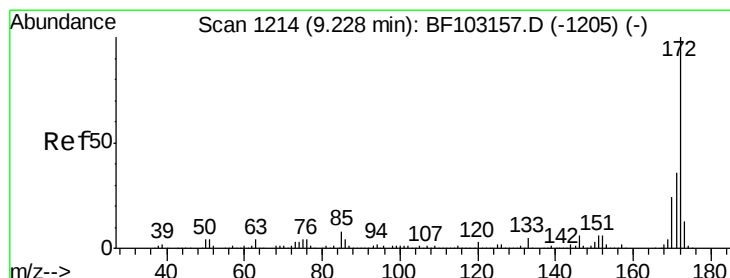
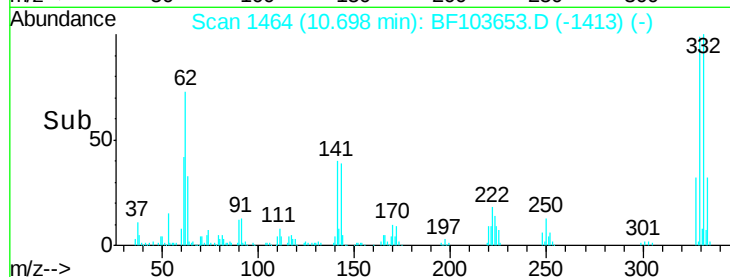
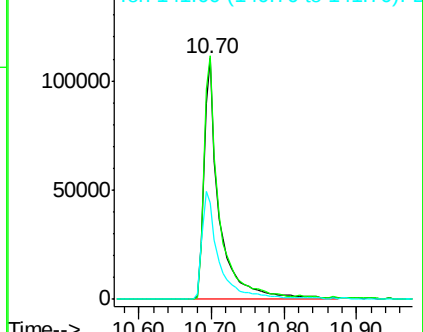
141 49.0 29.9 44.9#



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: 75.967 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF103653.D

Acq: 14 Mar 2018 20:53

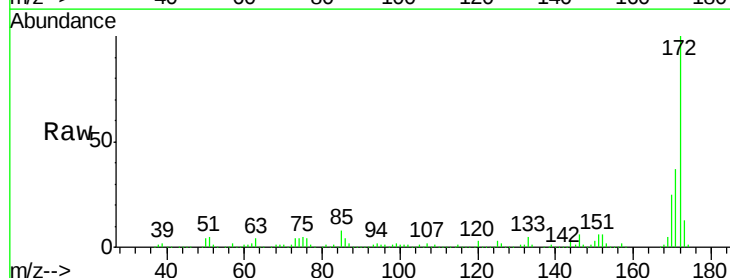
Tgt Ion:172 Resp: 979850

Ion Ratio Lower Upper

172 100

171 36.7 29.7 44.5

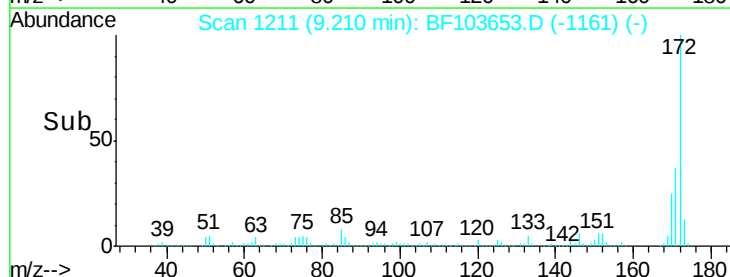
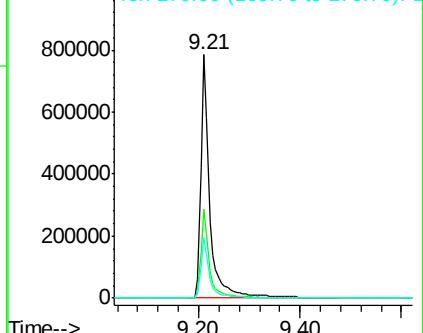
170 25.1 19.6 29.4

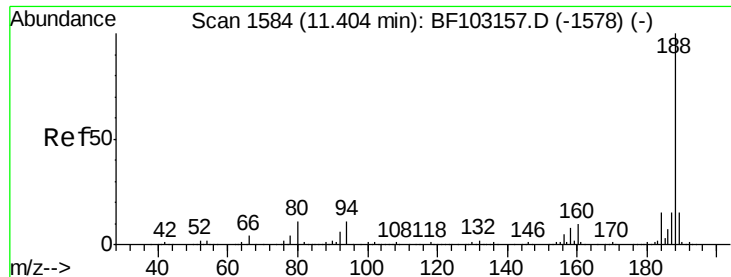


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

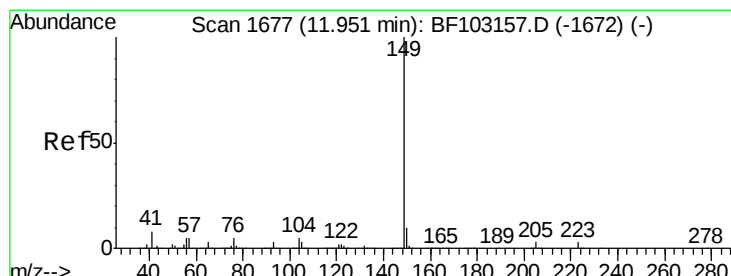
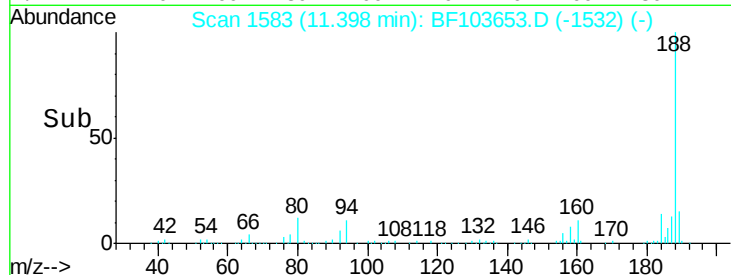
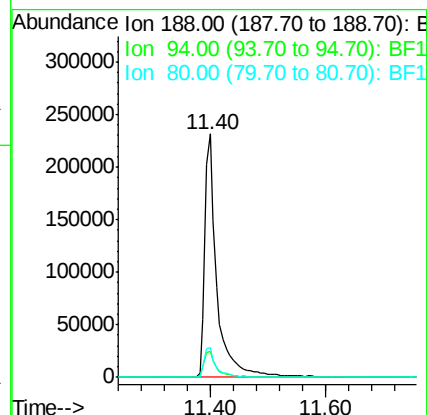
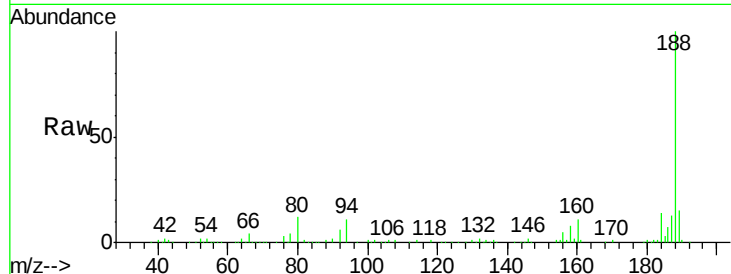




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF103653.D
 Acq: 14 Mar 2018 20:53

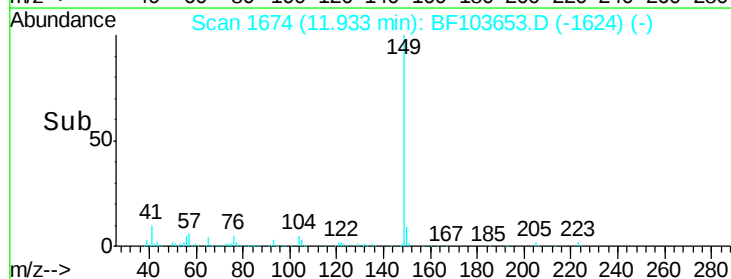
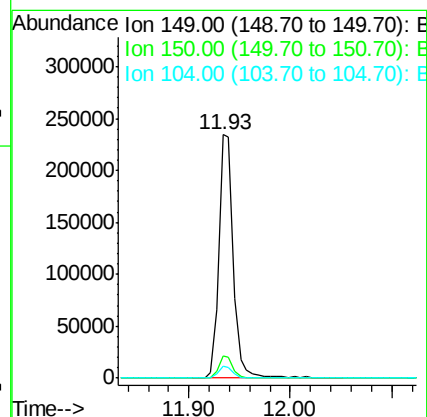
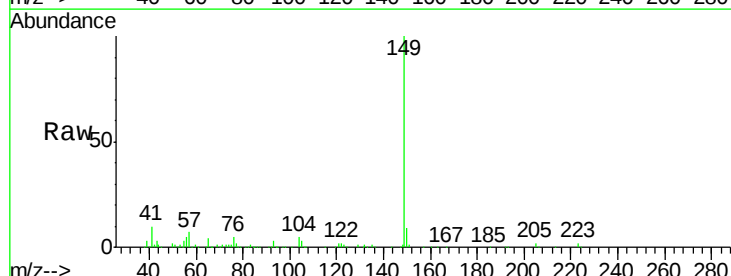
Instrument :
 BNA_F
 ClientSampleId :
 TP-5A-COMP

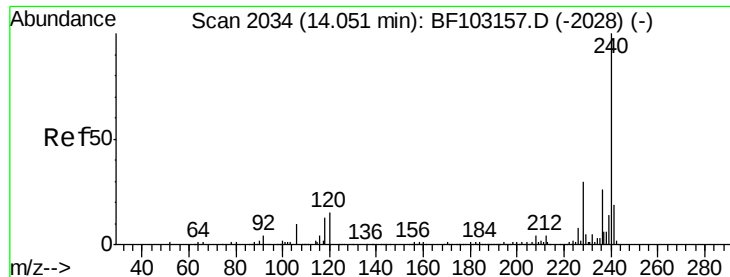
Tot Ion:188 Resp: 343641
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.5 12.7
 80 12.0 9.2 13.8



#73
 Di-n-butylphthalate
 Concen: 9.646 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF103653.D
 Acq: 14 Mar 2018 20:53

Tgt Ion:149 Resp: 233097
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.8 11.6
 104 5.0 3.8 5.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF103653.D

Acq: 14 Mar 2018 20:53

Instrument :

BNA_F

ClientSampleId :

TP-5A-COMP

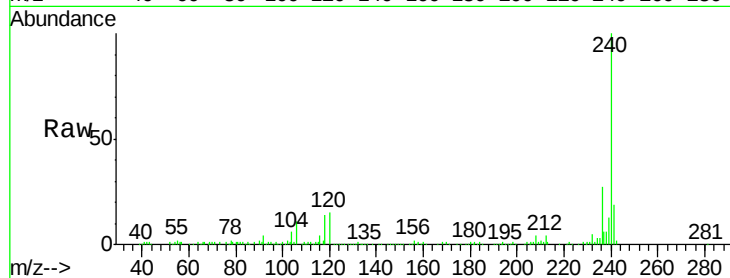
Tot Ion:240 Resp: 219993

Ion Ratio Lower Upper

240 100

120 15.5 9.5 14.3#

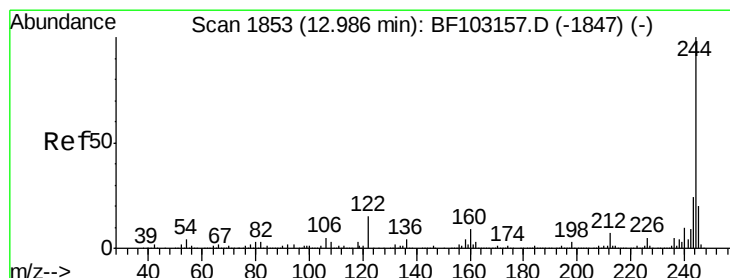
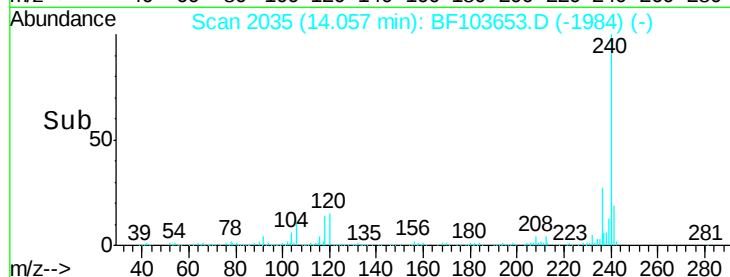
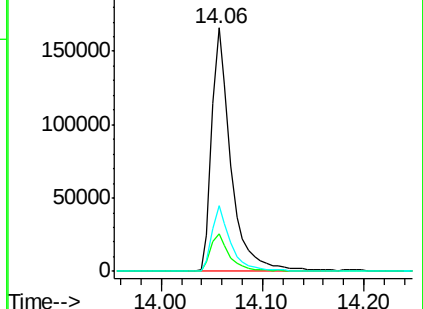
236 27.0 20.7 31.1



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: 69.596 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.00 min

Lab File: BF103653.D

Acq: 14 Mar 2018 20:53

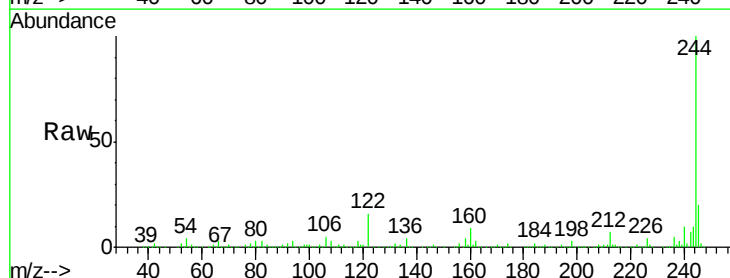
Tgt Ion:244 Resp: 636921

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

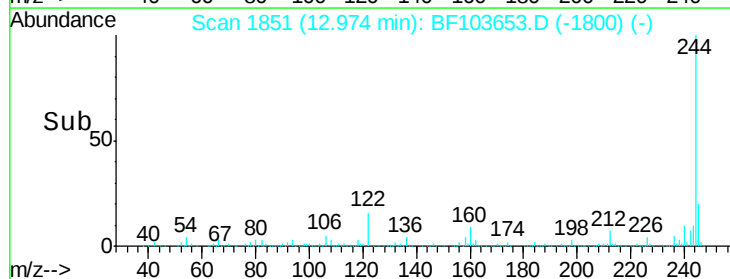
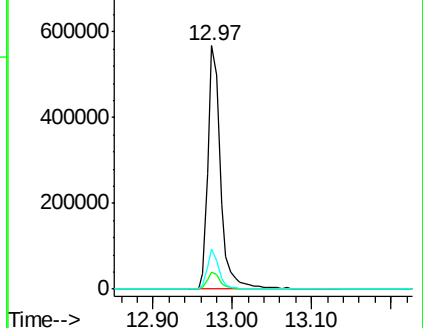
122 16.2 11.0 16.4

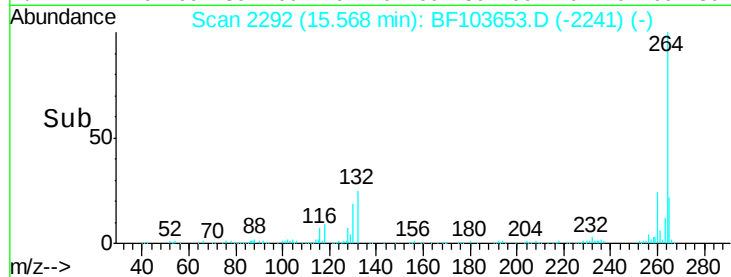
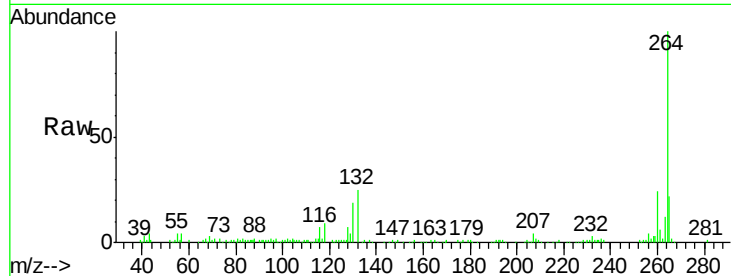
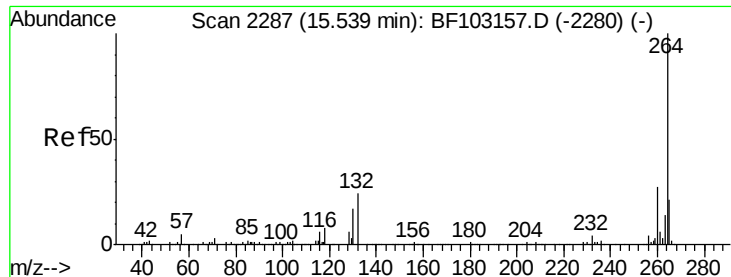


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF103653.D
Acq: 14 Mar 2018 20:53

Instrument :
BNA_F
ClientSampleId :
TP-5A-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.8	17.5	26.3

