

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
 Data File : BF103952.D
 Acq On : 27 Mar 2018 3:20
 Operator : JU/SJ
 Sample : J2052-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-B-GW

Quant Time: Mar 27 08:49:22 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

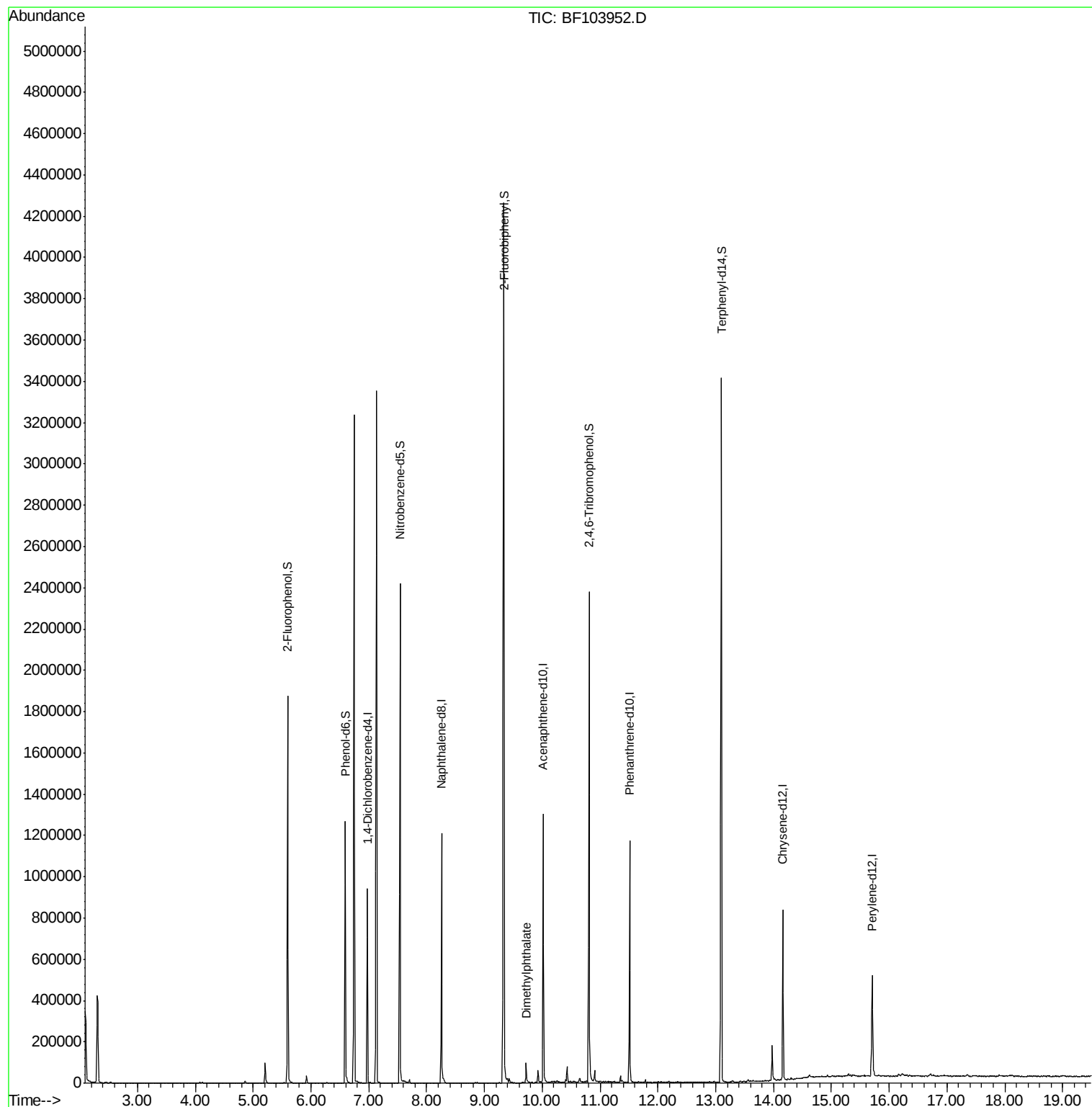
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	134076	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	546961	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	244260	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	409110	20.00	ng	0.00
75) Chrysene-d12	14.16	240	273895	20.00	ng	0.00
86) Perylene-d12	15.71	264	249484	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	542978	61.60	ng	0.00
7) Phenol-d6	6.59	99	409772	38.00	ng	0.00
23) Nitrobenzene-d5	7.54	82	856697	109.23	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	330550	157.39	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1486958	97.11	ng	0.00
78) Terphenyl-d14	13.10	244	1221348	103.50	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.72	163	43660	2.343	ng	98

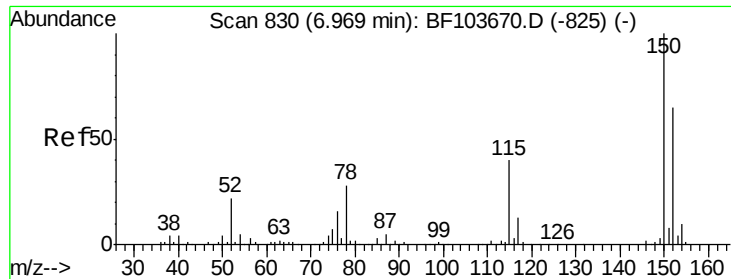
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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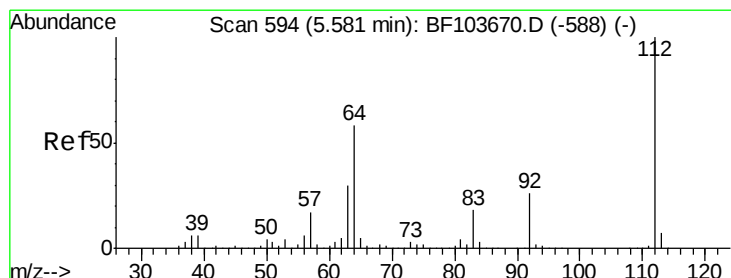
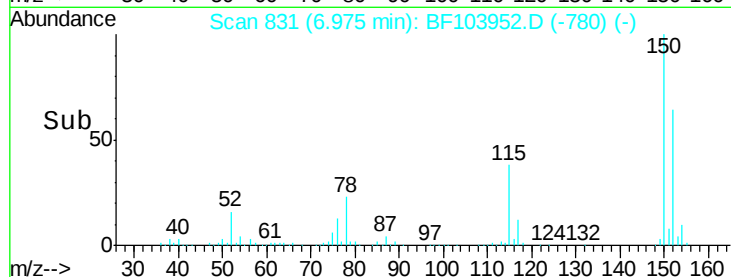
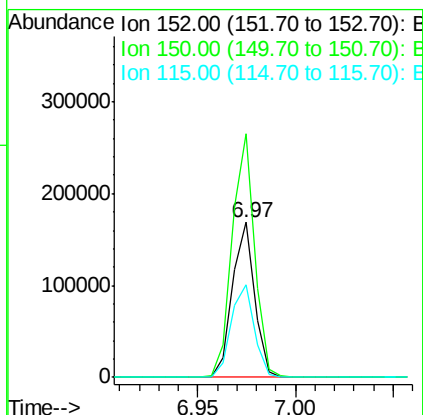
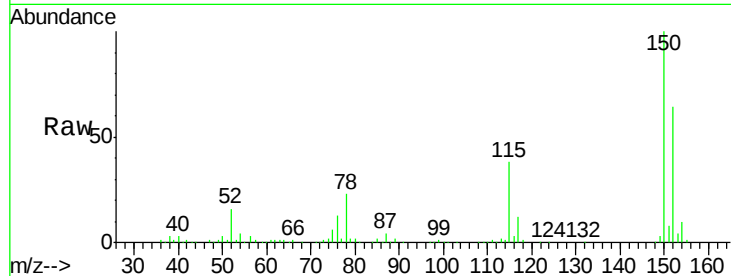


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103952.D
Acq: 27 Mar 2018 3:20

Instrument :
BNA_F
ClientSampleId :
TP-B-GW

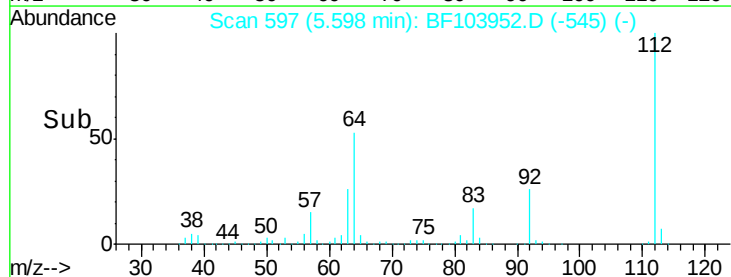
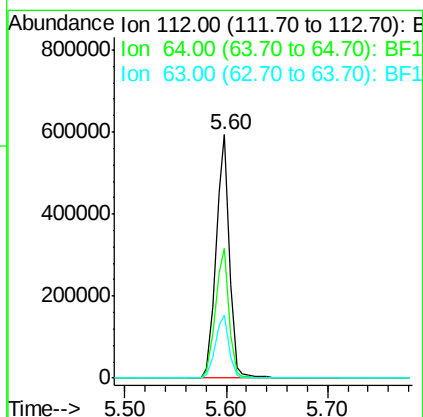
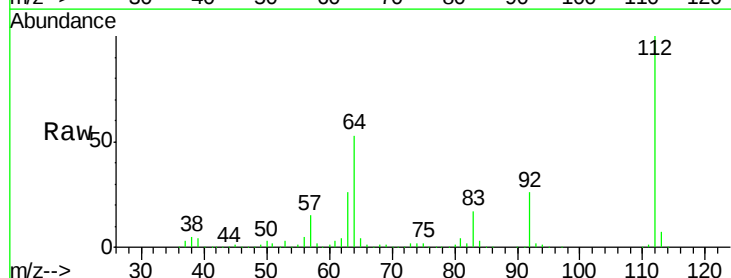
Tot Ion:152 Resp: 134076
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 59.8 50.1 75.1



#5

2-Fluorophenol
Concen: 61.597 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF103952.D
Acq: 27 Mar 2018 3:20

Tgt Ion:112 Resp: 542978
Ion Ratio Lower Upper
112 100
64 53.2 47.9 71.9
63 26.2 23.7 35.5





#7

Phenol-d6

Concen: 37.996 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF103952.D

Acq: 27 Mar 2018 3:20

Instrument :

BNA_F

ClientSampleId :

TP-B-GW

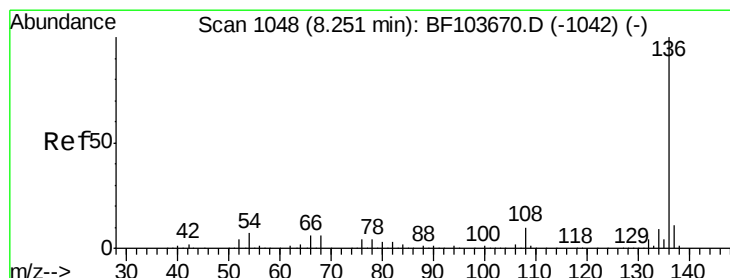
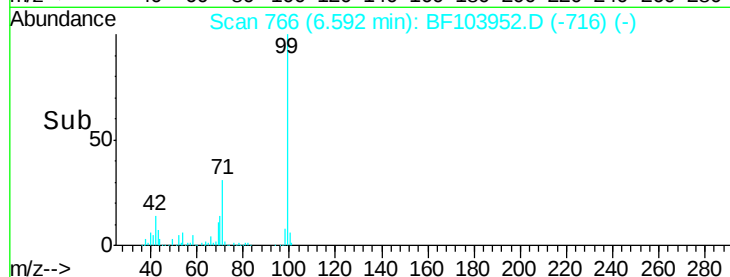
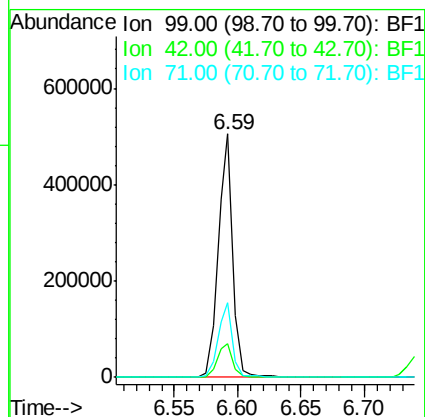
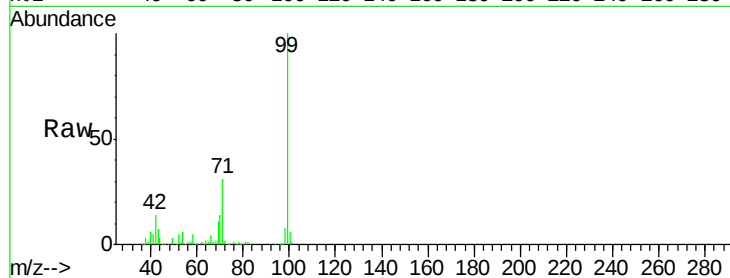
Tot Ion: 99 Resp: 409772

Ion Ratio Lower Upper

99 100

42 14.0 14.5 21.7#

71 30.8 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF103952.D

Acq: 27 Mar 2018 3:20

Tgt Ion: 136 Resp: 546961

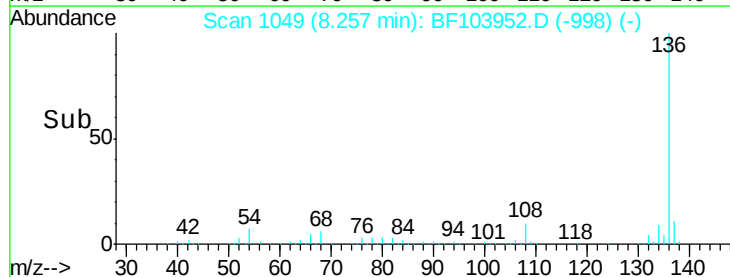
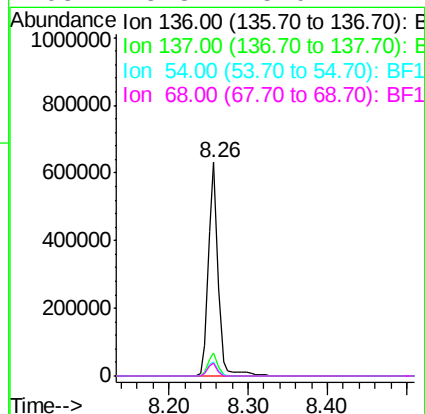
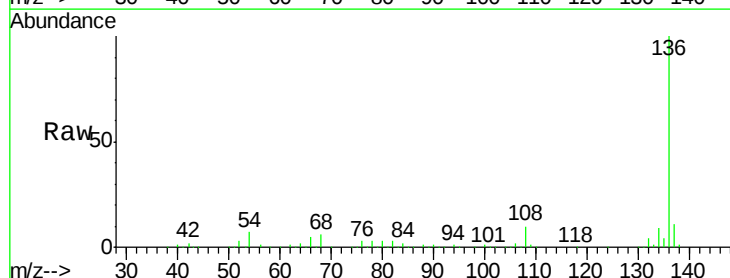
Ion Ratio Lower Upper

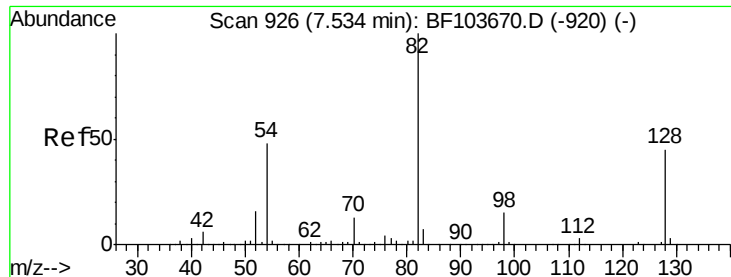
136 100

137 10.9 8.9 13.3

54 6.8 6.6 9.8

68 5.8 5.0 7.4

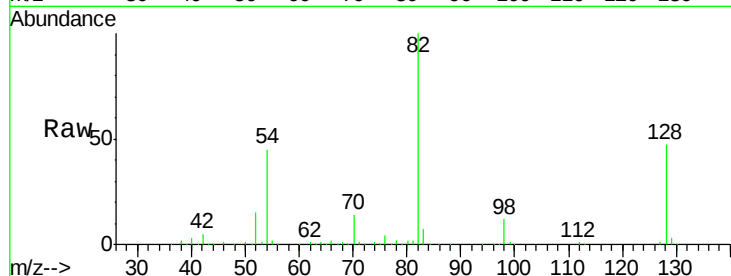




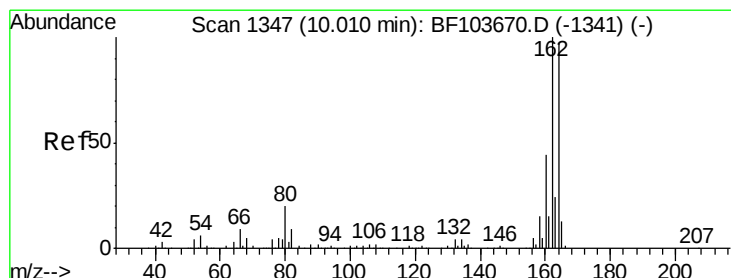
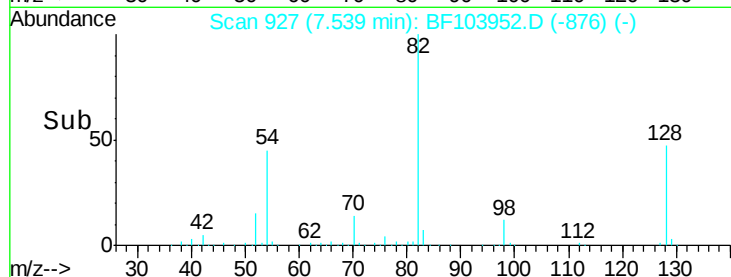
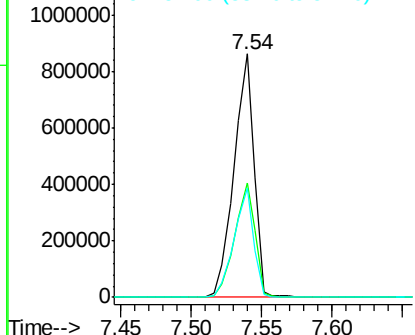
#23
 Nitrobenzene-d5
 Concen: 109.226 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF103952.D
 Acq: 27 Mar 2018 3:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-B-GW

Tot Ion: 82 Resp: 856697
 Ion Ratio Lower Upper
 82 100
 128 47.0 36.1 54.1
 54 44.7 41.4 62.2

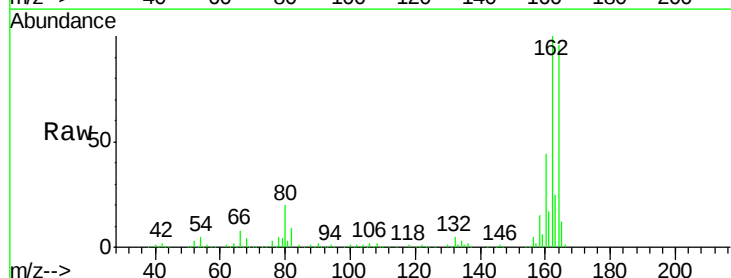


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

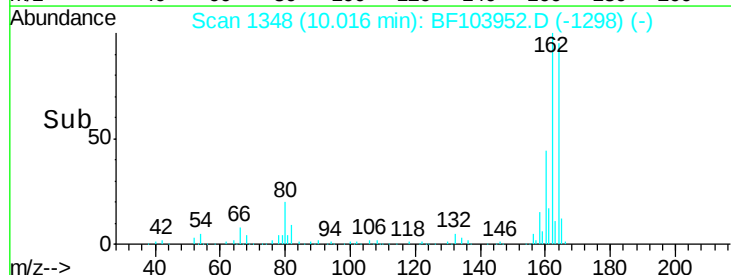
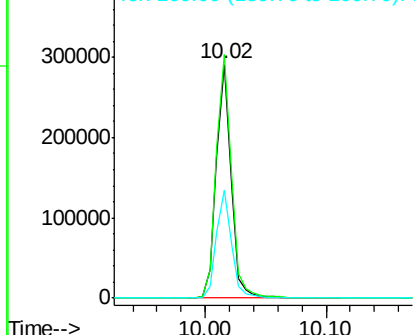


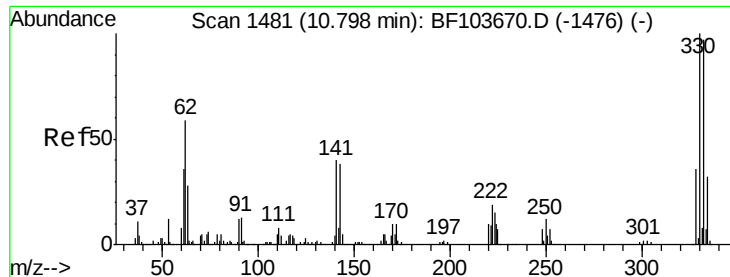
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF103952.D
 Acq: 27 Mar 2018 3:20

Tgt Ion:164 Resp: 244260
 Ion Ratio Lower Upper
 164 100
 162 104.3 86.1 129.1
 160 46.0 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: 157.393 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BF103952.D

Acq: 27 Mar 2018 3:20

Instrument :

BNA_F

ClientSampleId :

TP-B-GW

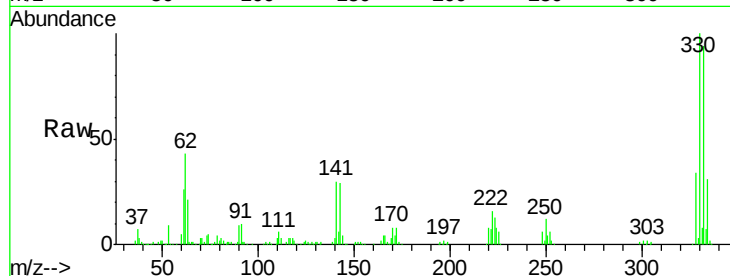
Tot Ion:330 Resp: 330550

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

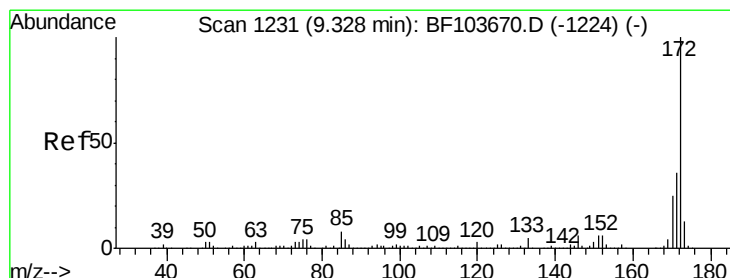
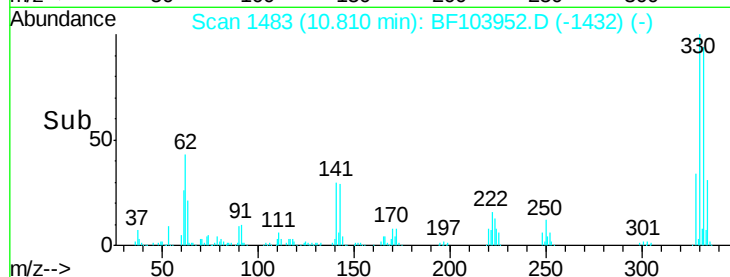
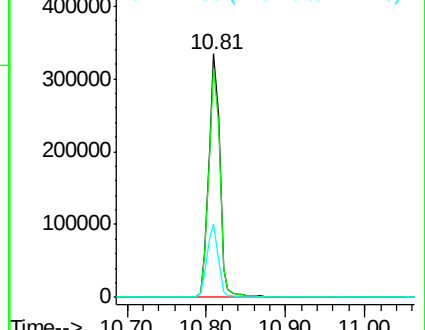
141 30.8 29.9 44.9



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: 97.106 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BF103952.D

Acq: 27 Mar 2018 3:20

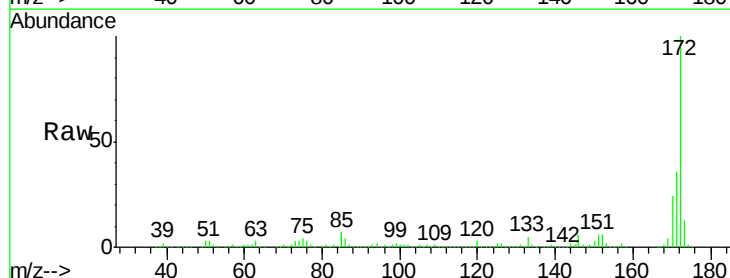
Tgt Ion:172 Resp: 1486958

Ion Ratio Lower Upper

172 100

171 36.2 29.7 44.5

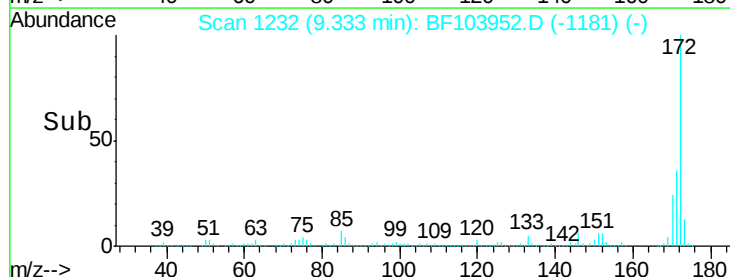
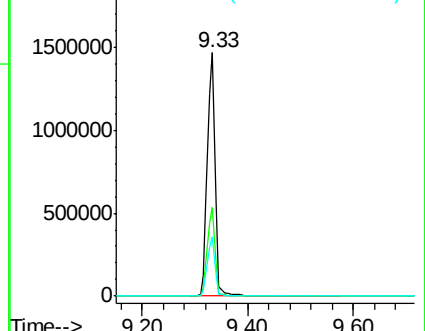
170 24.1 19.6 29.4

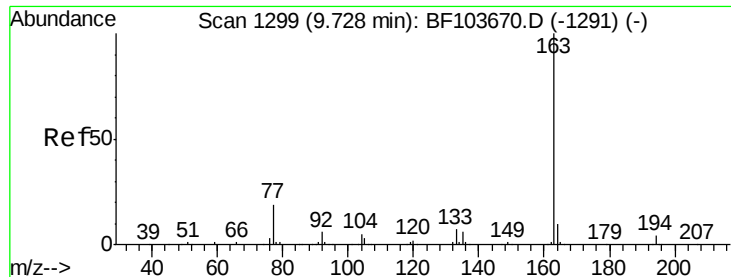


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

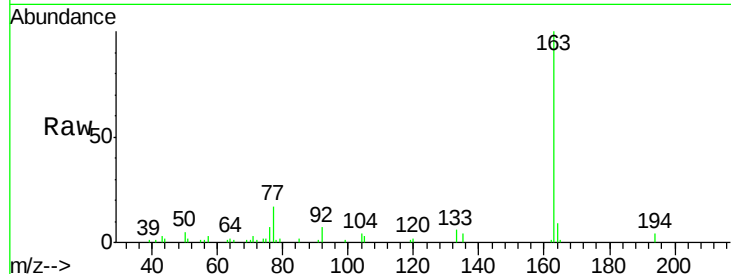




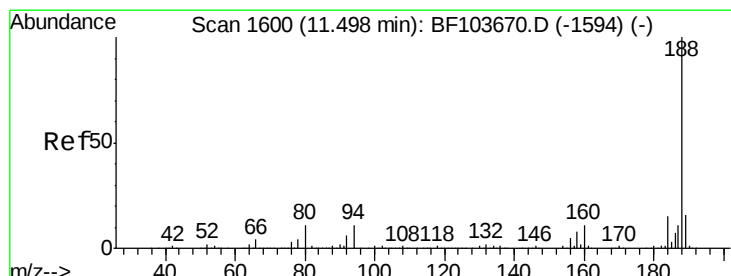
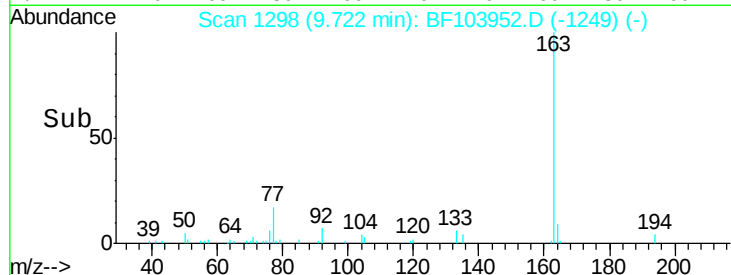
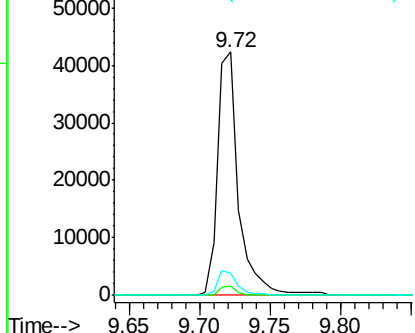
#49
Dimethylphthalate
Concen: 2.343 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF103952.D
Acq: 27 Mar 2018 3:20

Instrument :
BNA_F
ClientSampled :
TP-B-GW

Tot Ion:163 Resp: 43660
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.1 8.2 12.2

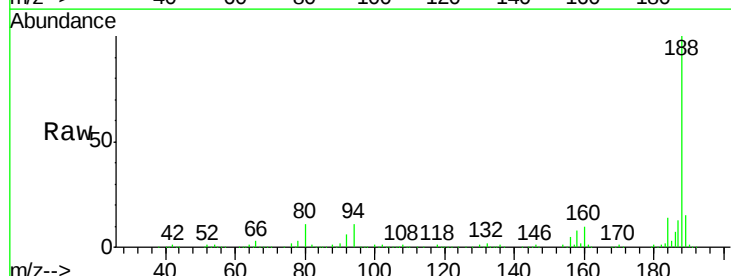


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

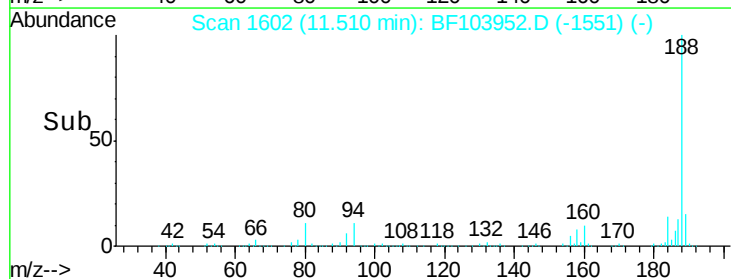
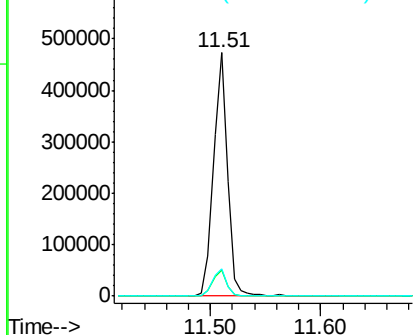


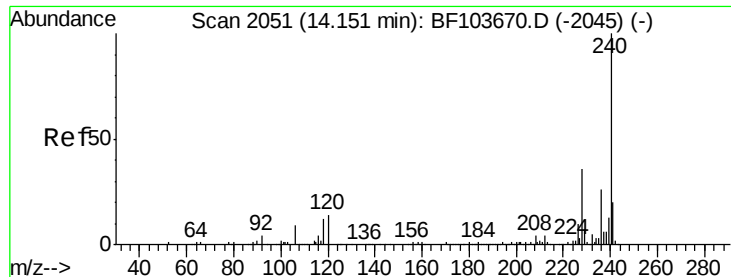
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF103952.D
Acq: 27 Mar 2018 3:20

Tgt Ion:188 Resp: 409110
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.1 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: 14.16 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BF103952.D

Acq: 27 Mar 2018 3:20

Instrument :

BNA_F

ClientSampleId :

TP-B-GW

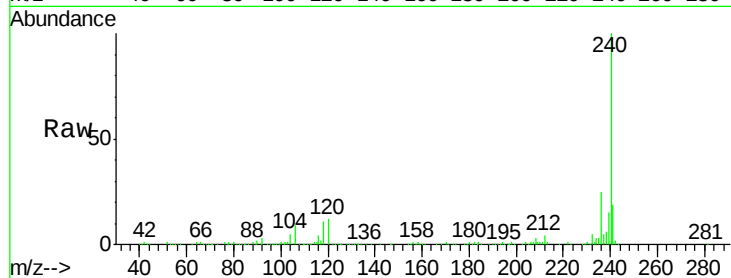
Tot Ion:240 Resp: 273895

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

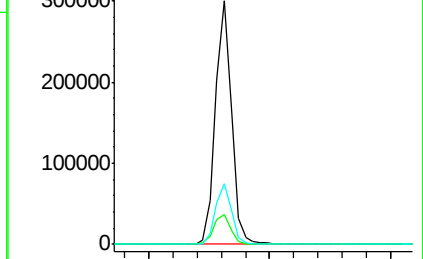
236 24.8 20.7 31.1



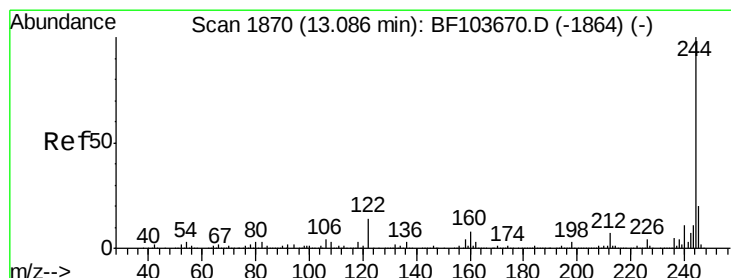
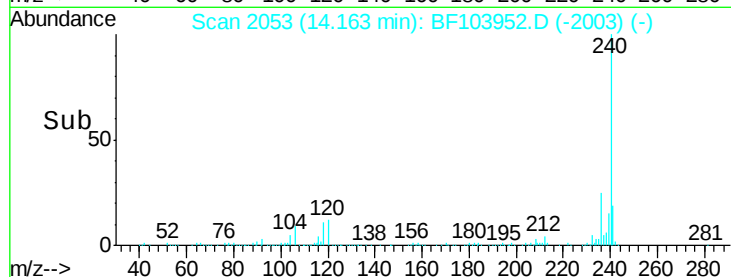
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 103.504 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BF103952.D

Acq: 27 Mar 2018 3:20

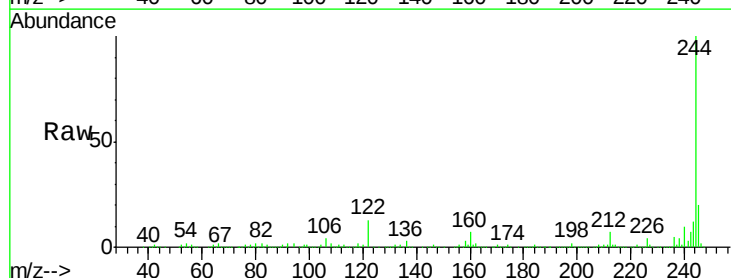
Tgt Ion:244 Resp: 1221348

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

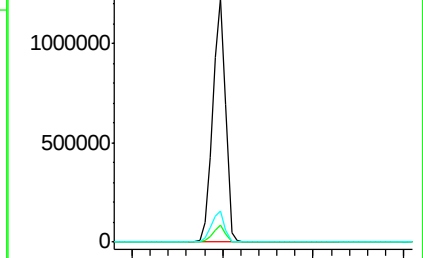
122 12.8 11.0 16.4



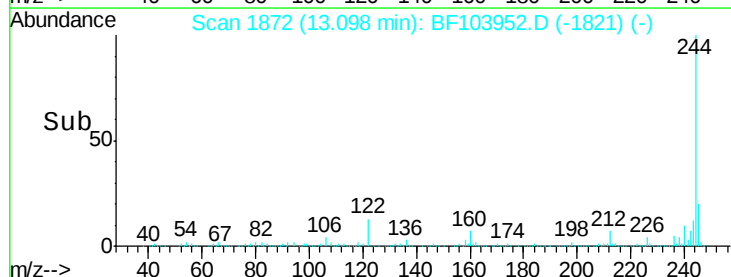
Abundance Ion 244.00 (243.70 to 244.70): E

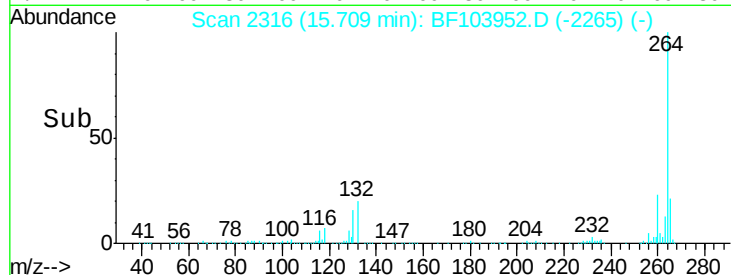
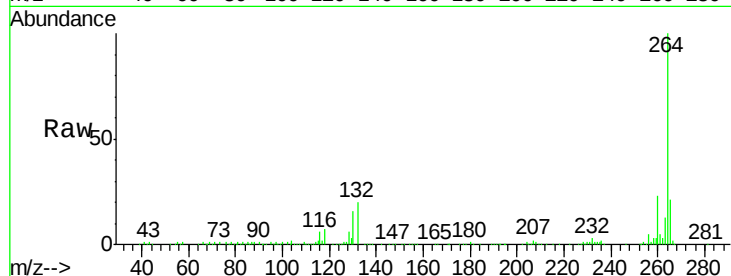
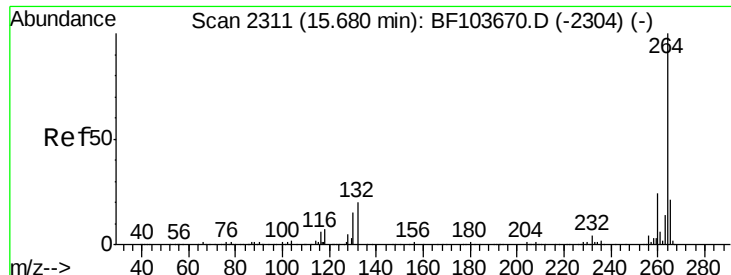
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BF103952.D
Acq: 27 Mar 2018 3:20

Instrument :
BNA_F
ClientSampleId :
TP-B-GW

Tot Ion:	264	Resp:	249484
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.2	28.8
265	21.2	17.5	26.3

