

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
 Data File : BF104204.D
 Acq On : 4 Apr 2018 2:20
 Operator : JU/SJ
 Sample : J2182-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 6-WM-DIP-3-WW@3.5

Quant Time: Apr 04 03:16:34 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 15:22:43 2018
 Response via : Initial Calibration

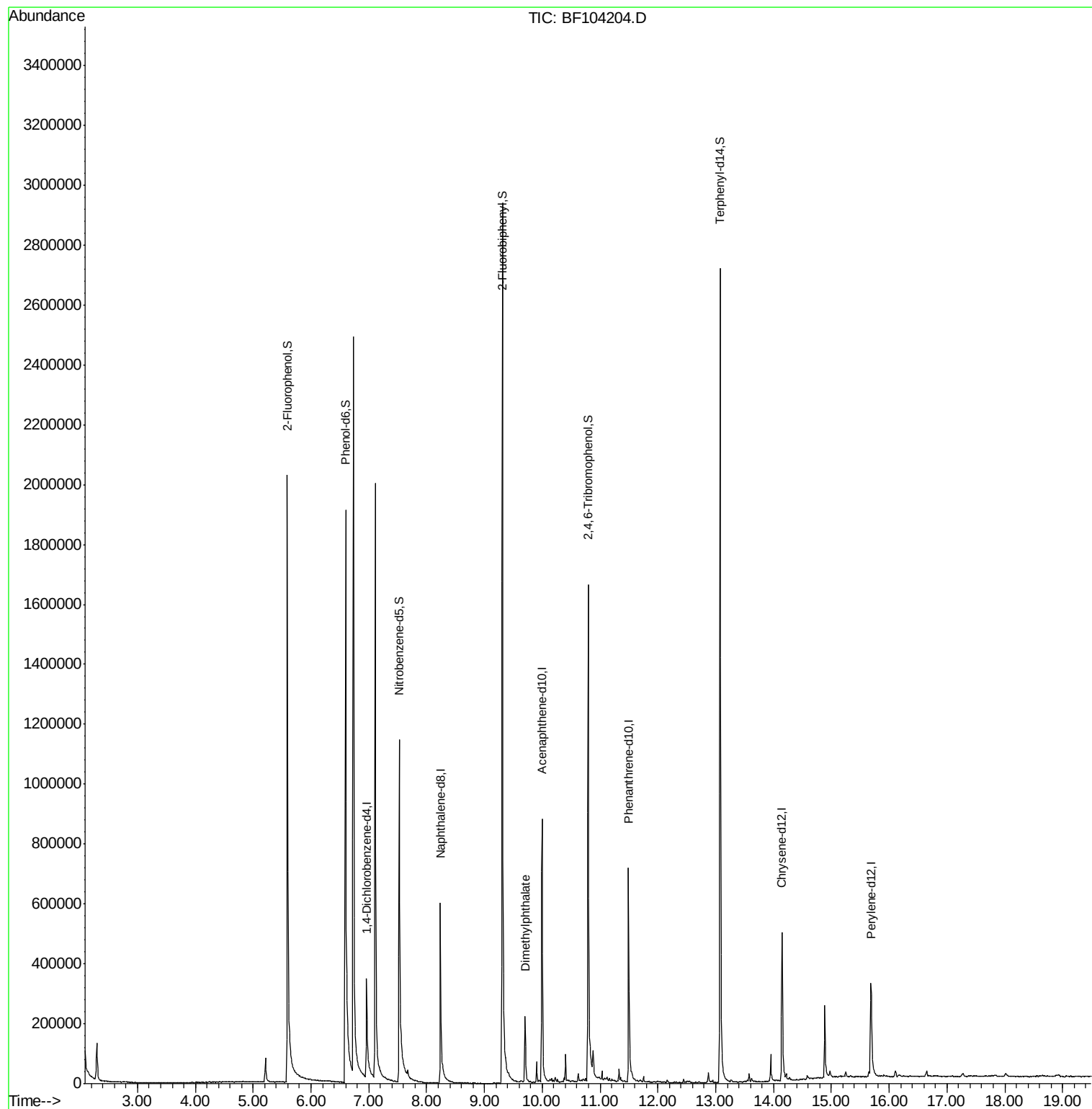
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	103965	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	456996	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	211347	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	386662	20.00	ng	0.00
75) Chrysene-d12	14.15	240	263739	20.00	ng	0.00
86) Perylene-d12	15.69	264	218461	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	893705	137.09	ng	0.00
7) Phenol-d6	6.60	99	1127291	140.55	ng	0.00
23) Nitrobenzene-d5	7.53	82	715350	95.73	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	301713	128.21	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1251847	93.40	ng	0.00
78) Terphenyl-d14	13.08	244	1150399	100.71	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.70	163	125770	7.537	ng	Qvalue 99

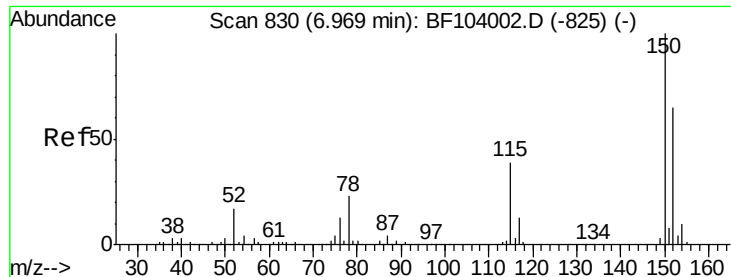
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



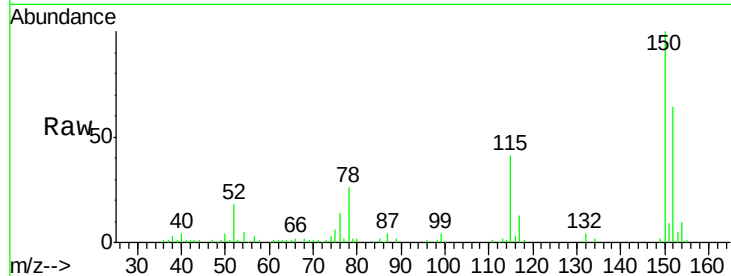


#1

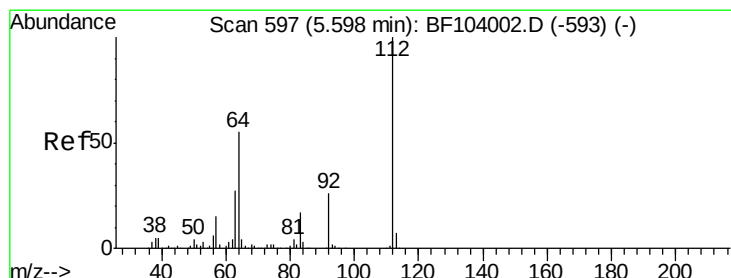
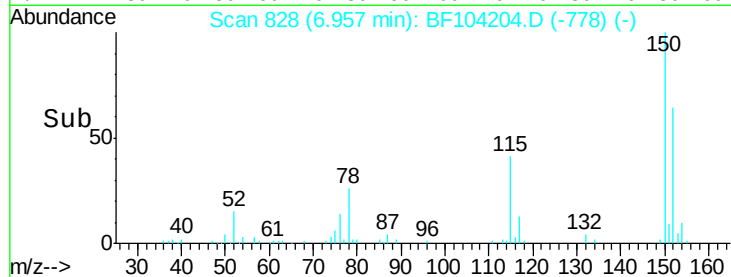
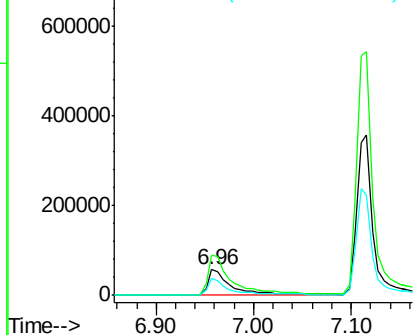
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104204.D
Acq: 4 Apr 2018 2:20

Instrument :
BNA_F
ClientSampleId :
6-WM-DIP-3-WW@3.5

Tot Ion:152 Resp: 103965
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 64.2 50.1 75.1



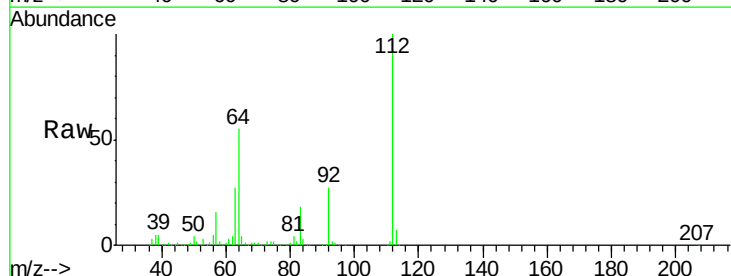
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



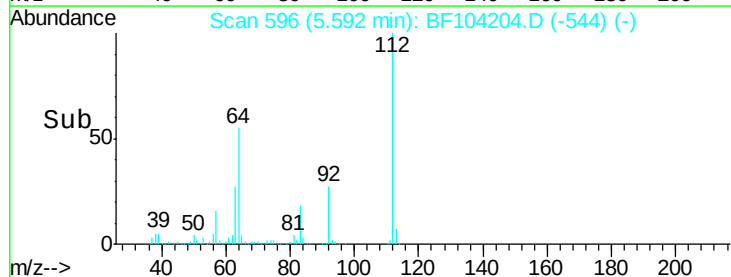
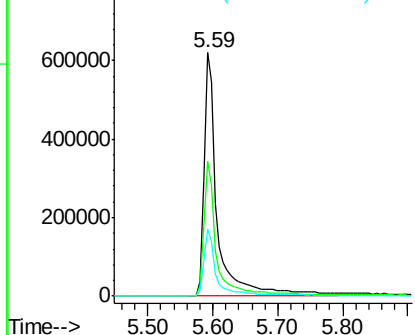
#5

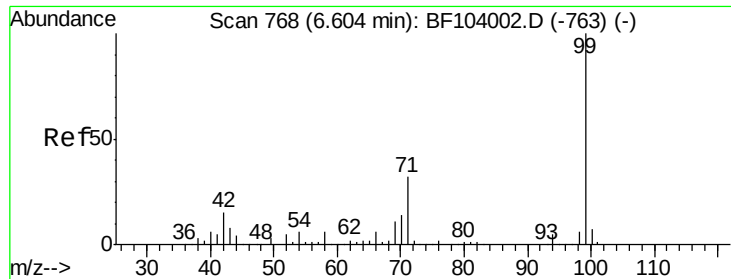
2-Fluorophenol
Concen: 137.088 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF104204.D
Acq: 4 Apr 2018 2:20

Tgt Ion:112 Resp: 893705
Ion Ratio Lower Upper
112 100
64 55.3 47.9 71.9
63 27.5 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: 140.550 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF104204.D

Acq: 4 Apr 2018 2:20

Instrument :

BNA_F

ClientSampleId :

6-WM-DIP-3-WW@3.5

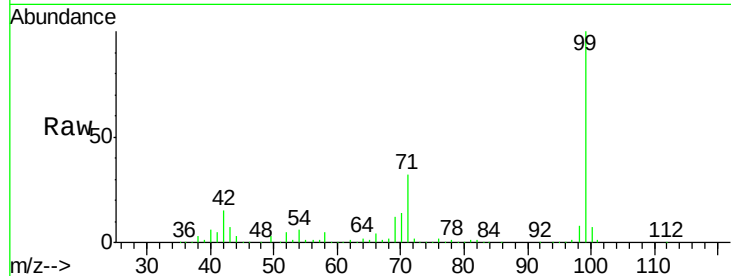
Tot Ion: 99 Resp: 1127291

Ion Ratio Lower Upper

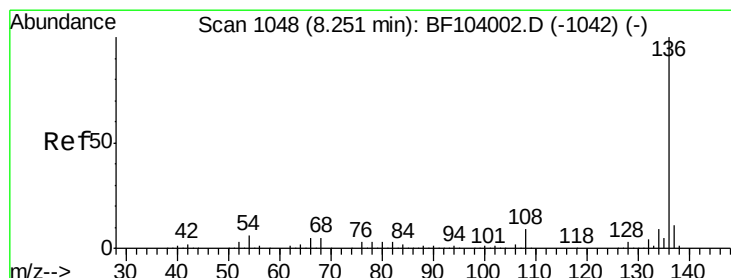
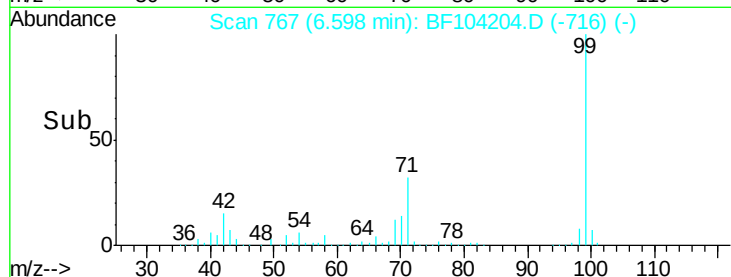
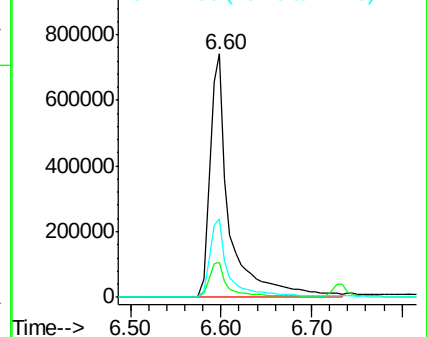
99 100

42 14.6 14.5 21.7

71 32.0 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: 8.24 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF104204.D

Acq: 4 Apr 2018 2:20

Tgt Ion: 136 Resp: 456996

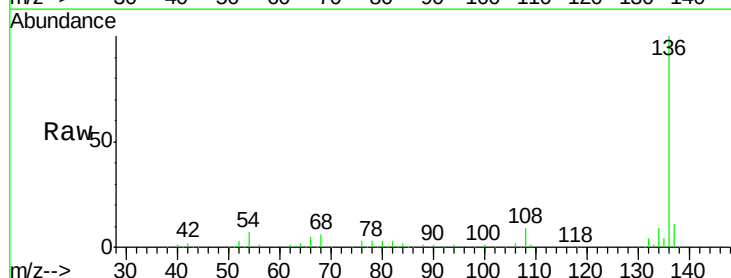
Ion Ratio Lower Upper

136 100

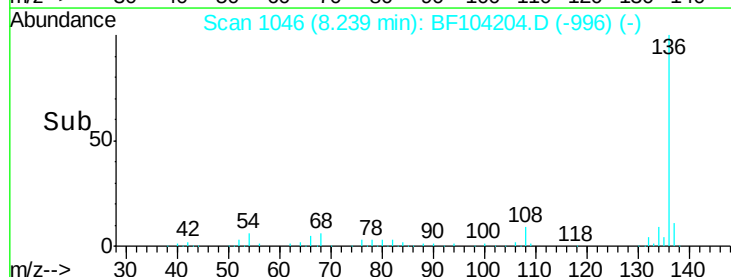
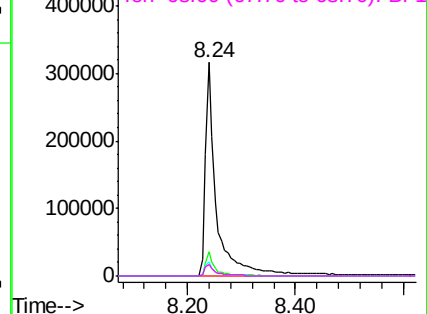
137 11.2 8.9 13.3

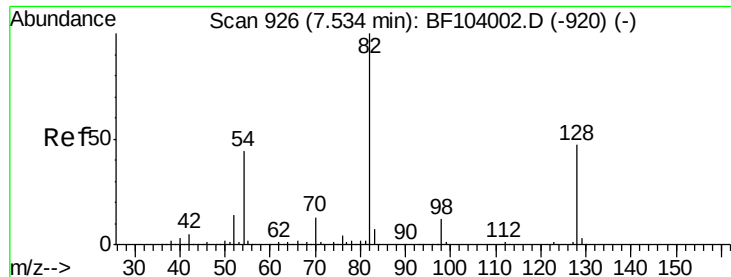
54 6.5 6.6 9.8#

68 5.5 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

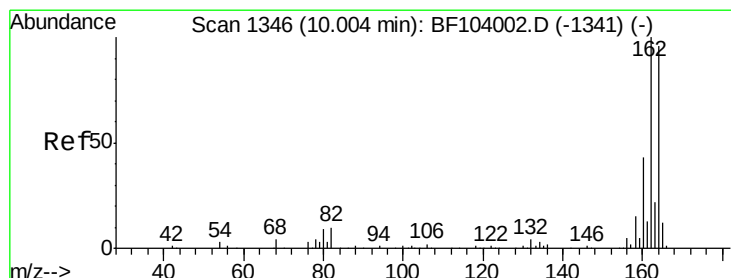
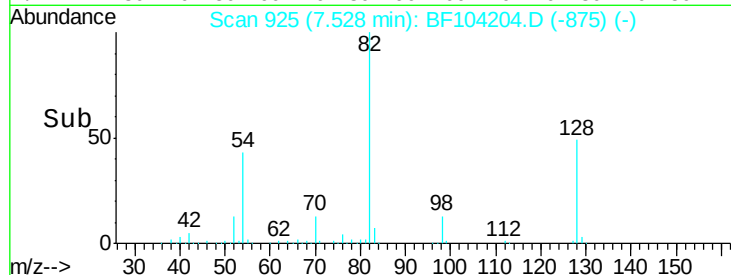
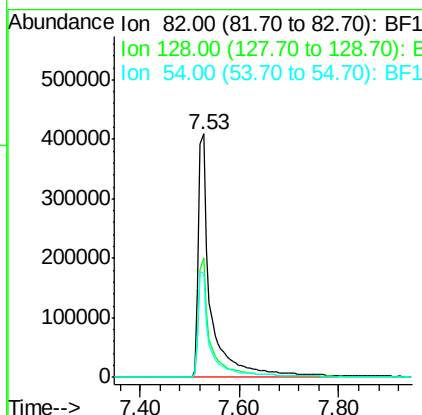
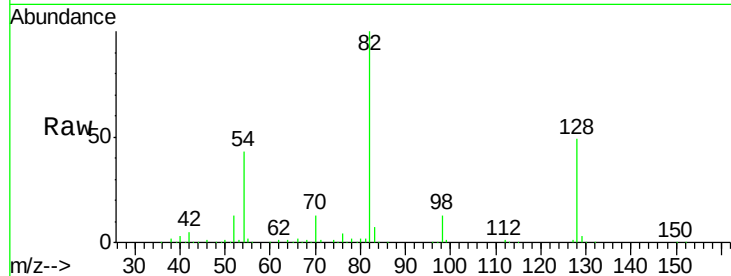




#23
 Nitrobenzene-d5
 Concen: 95.729 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF104204.D
 Acq: 4 Apr 2018 2:20

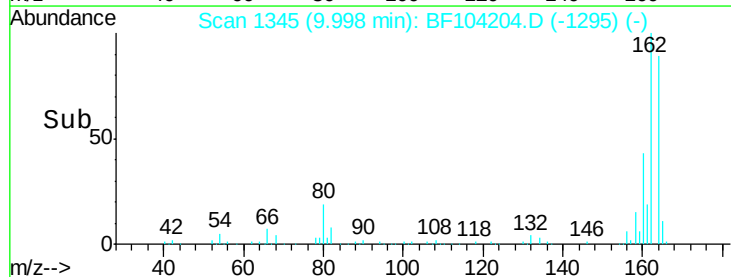
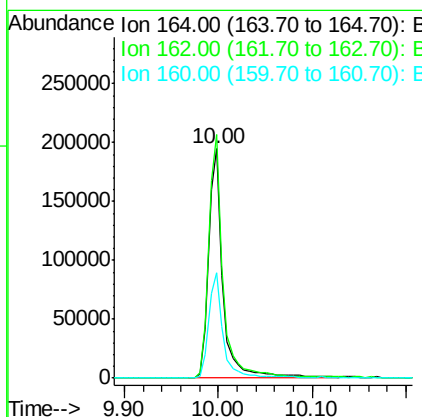
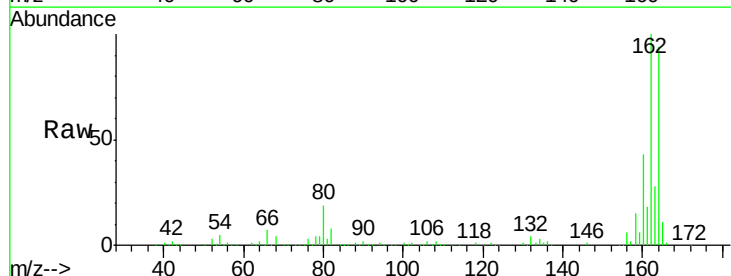
Instrument :
 BNA_F
 ClientSampleId :
 6-WM-DIP-3-WW@3.5

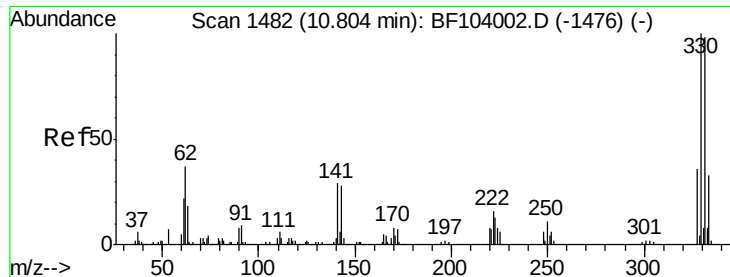
Tot Ion: 82 Resp: 715350
 Ion Ratio Lower Upper
 82 100
 128 49.1 36.1 54.1
 54 42.9 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: BF104204.D
 Acq: 4 Apr 2018 2:20

Tgt Ion:164 Resp: 211347
 Ion Ratio Lower Upper
 164 100
 162 106.1 86.1 129.1
 160 45.8 38.3 57.5

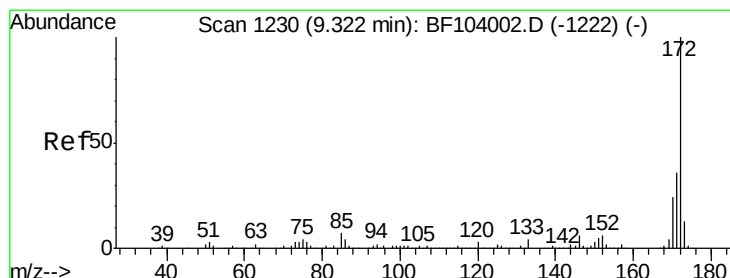
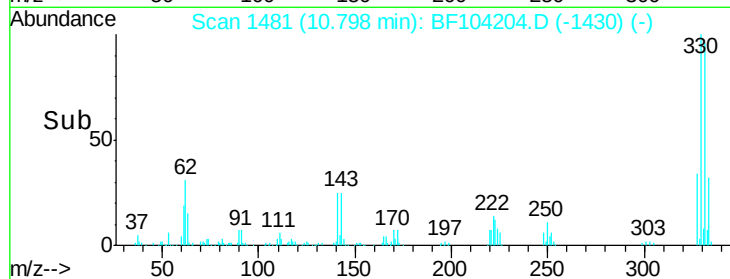
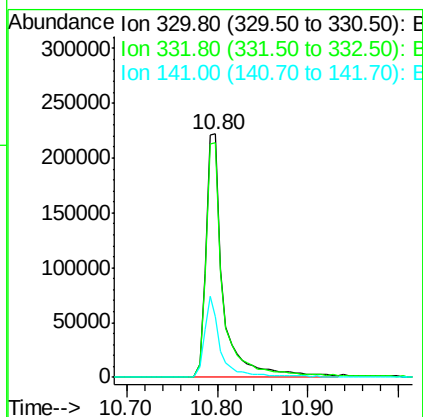
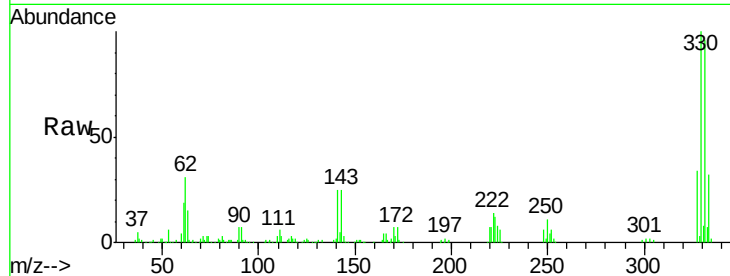




#41
 2,4,6-Tribromophenol
 Concen: 128.206 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF104204.D
 Acq: 4 Apr 2018 2:20

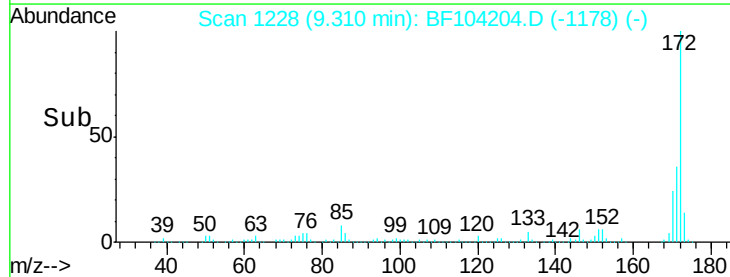
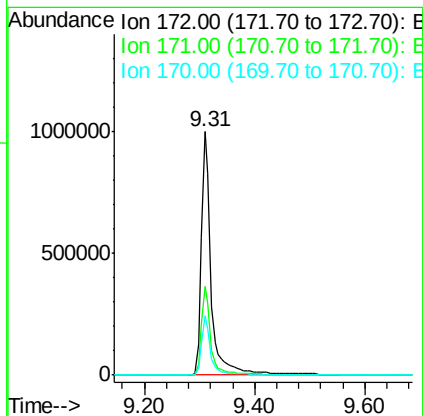
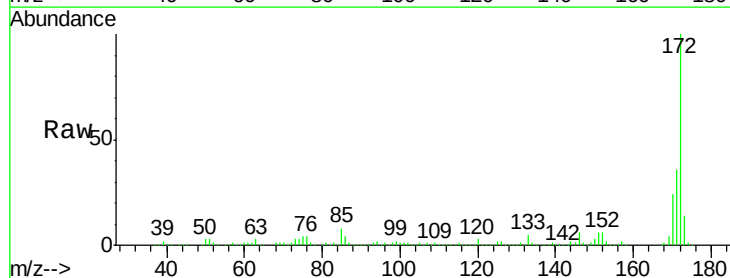
Instrument :
 BNA_F
 ClientSampleId :
 6-WM-DIP-3-WW@3.5

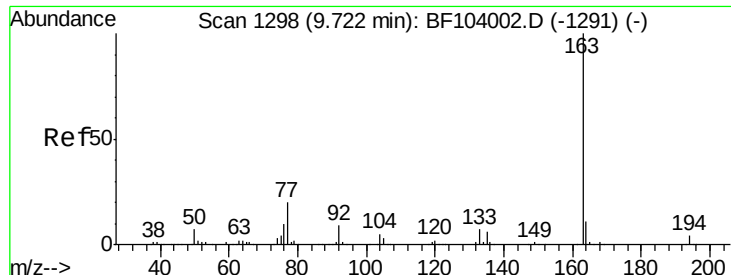
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	31.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 93.404 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF104204.D
 Acq: 4 Apr 2018 2:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.4	19.6	29.4

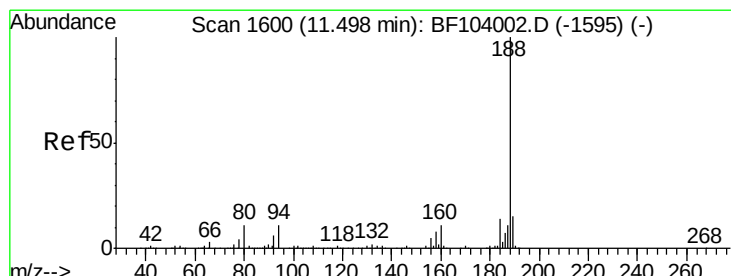
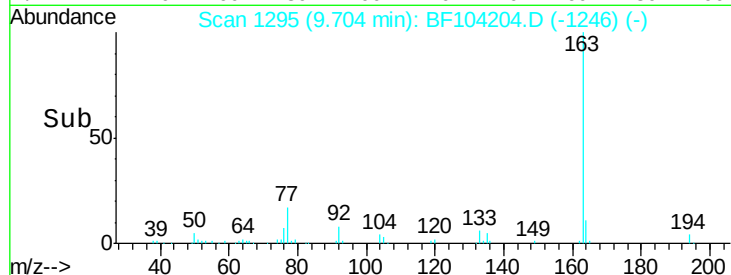
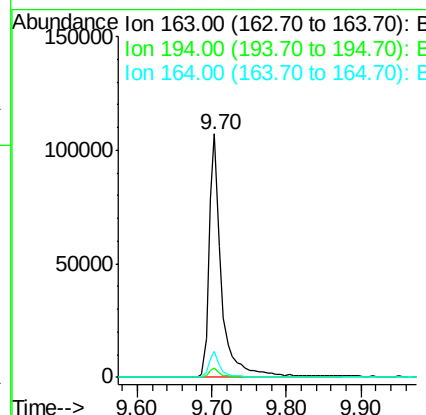
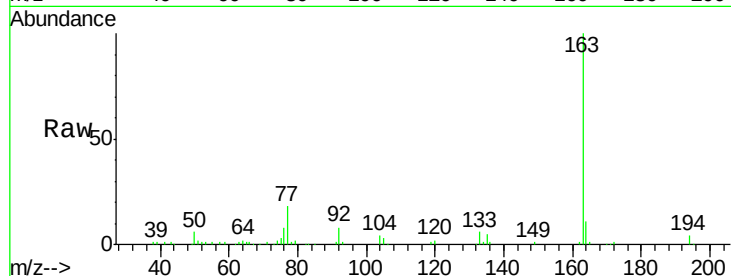




#49
 Dimethylphthalate
 Concen: 7.537 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF104204.D
 Acq: 4 Apr 2018 2:20

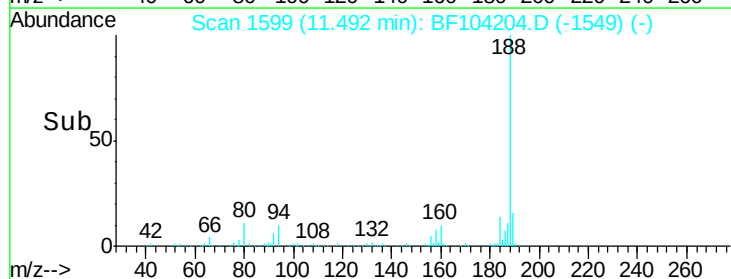
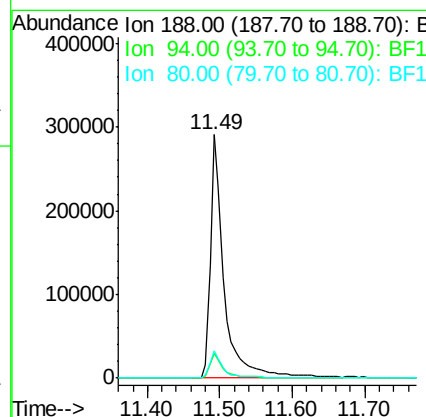
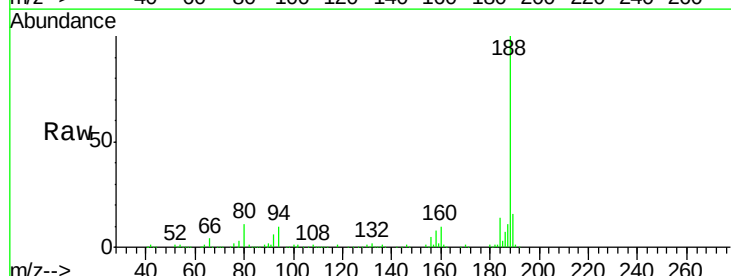
Instrument :
 BNA_F
 ClientSampleId :
 6-WM-DIP-3-WW@3.5

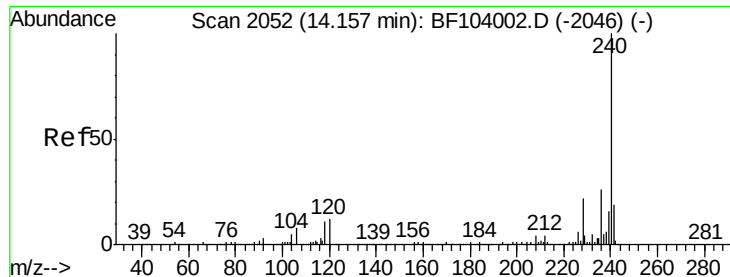
Tot Ion:163	Resp:	125770
Ion Ratio	Lower	Upper
163	100	
194	3.7	2.7 4.1
164	10.8	8.2 12.2



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF104204.D
 Acq: 4 Apr 2018 2:20

Tgt Ion:188	Resp:	386662
Ion Ratio	Lower	Upper
188	100	
94	10.4	8.5 12.7
80	11.4	9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF104204.D

Acq: 4 Apr 2018 2:20

Instrument :

BNA_F

ClientSampleId :

6-WM-DIP-3-WW@3.5

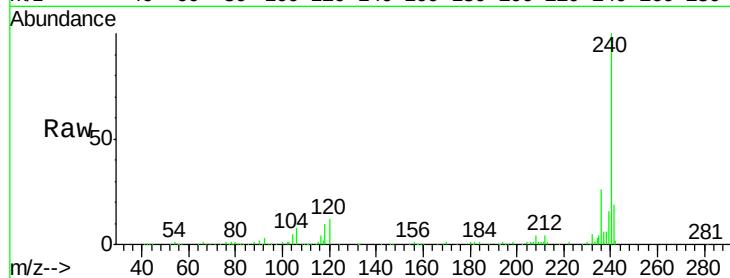
Tot Ion:240 Resp: 263739

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

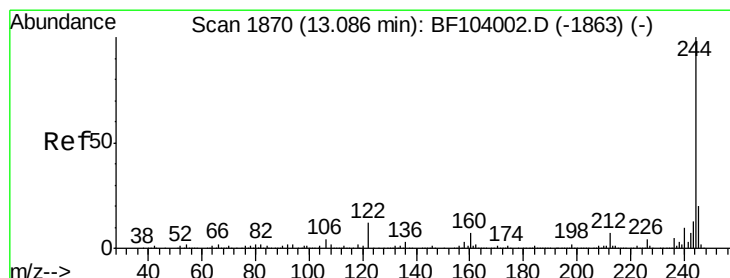
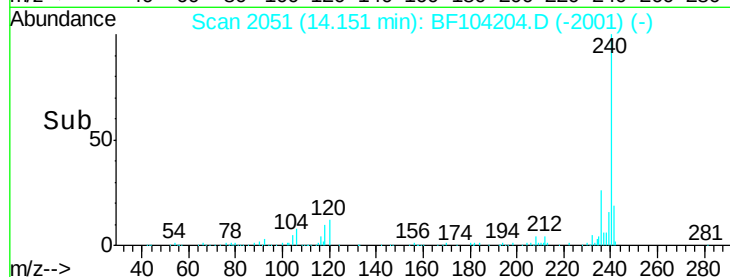
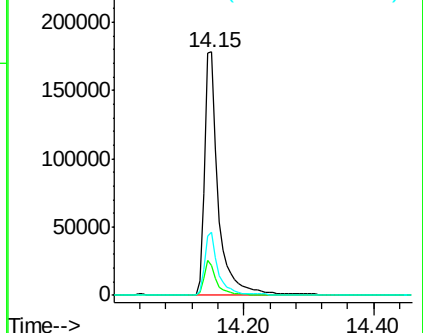
236 26.0 20.7 31.1



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: 100.714 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BF104204.D

Acq: 4 Apr 2018 2:20

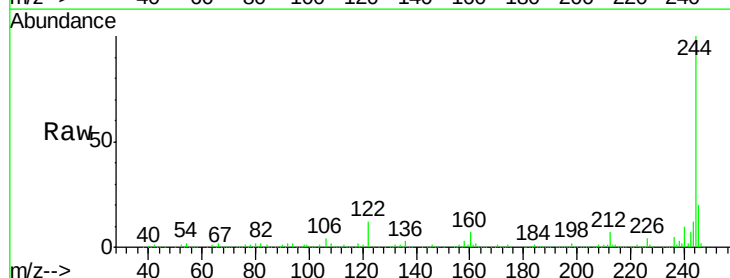
Tgt Ion:244 Resp: 1150399

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

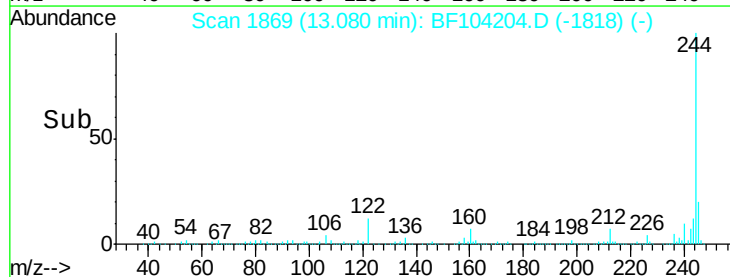
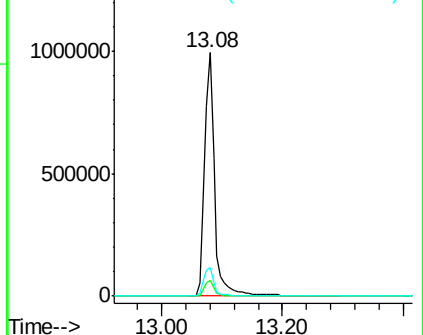
122 12.0 11.0 16.4

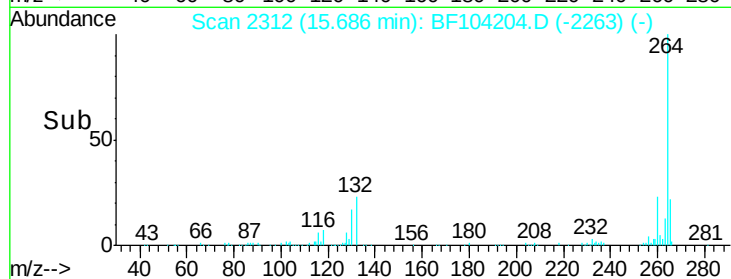
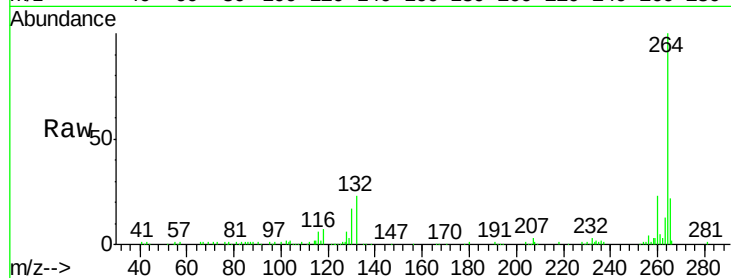
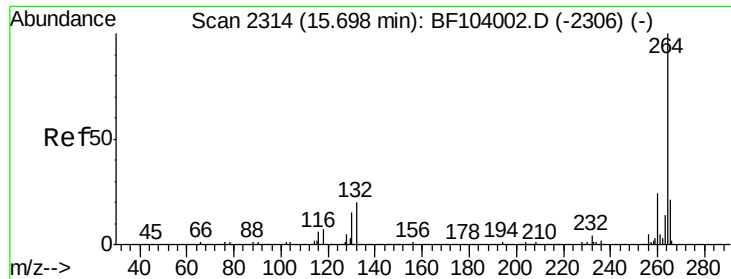


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.69 min Scan# 2312
 Delta R.T. -0.01 min
 Lab File: BF104204.D
 Acq: 4 Apr 2018 2:20

Instrument :
 BNA_F
 ClientSampleId :
 6-WM-DIP-3-WW@3.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	22.1	17.5	26.3

