

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
 Data File : BF103923.D
 Acq On : 26 Mar 2018 13:58
 Operator : JU/SJ
 Sample : J1994-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PR-MW-05-031918

Quant Time: Mar 27 07:56:18 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

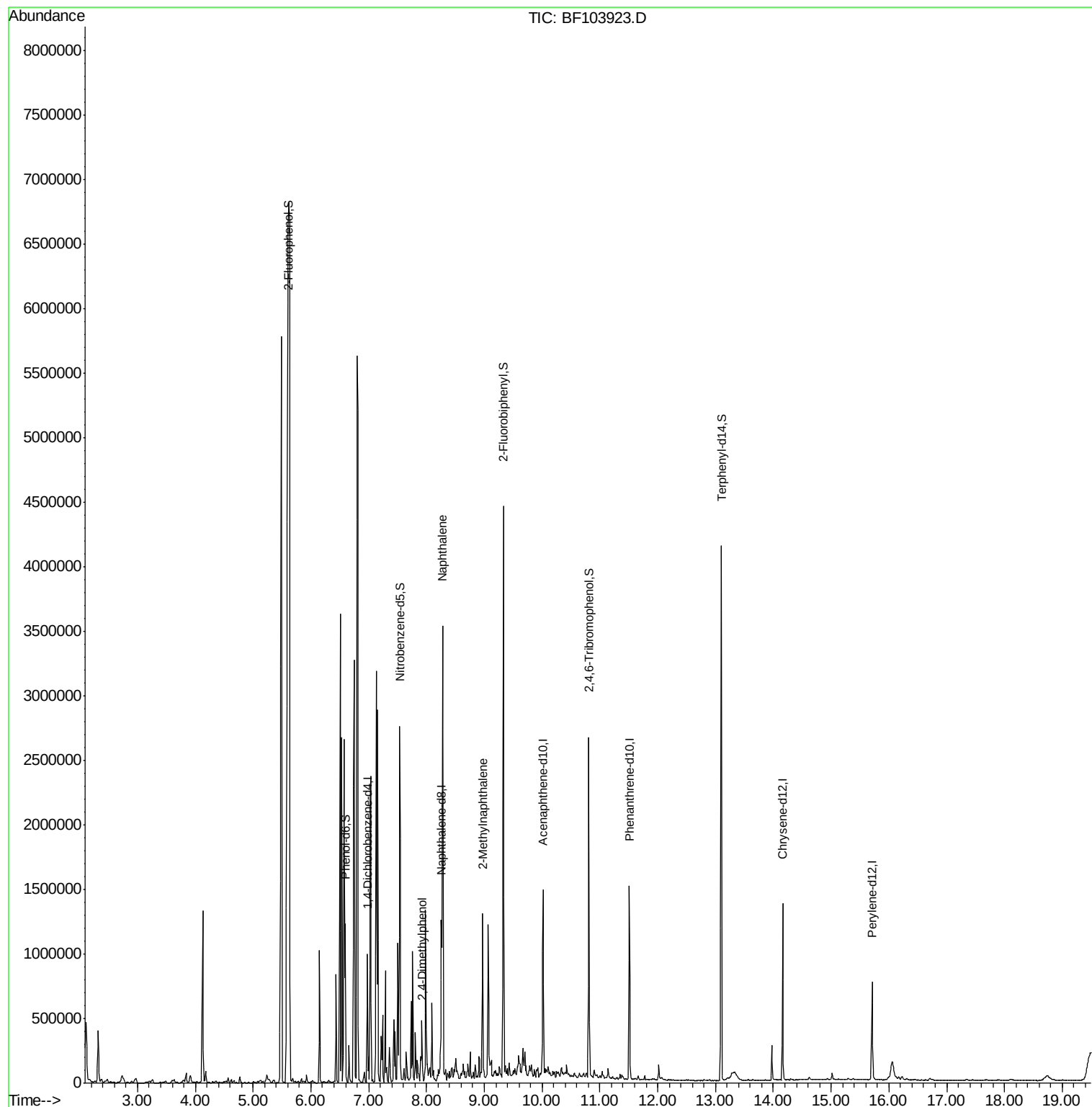
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	137523	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	559572	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	271200	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	498407	20.00	ng	0.00
75) Chrysene-d12	14.16	240	438248	20.00	ng	0.00
86) Perylene-d12	15.71	264	371825	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	209037	23.12	ng	0.02
7) Phenol-d6	6.59	99	430402	38.91	ng	0.00
23) Nitrobenzene-d5	7.54	82	920832	114.76	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	406154	174.18	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1544753	90.86	ng	0.00
78) Terphenyl-d14	13.10	244	1679968	88.98	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	7.91	122	32109	4.035	ng	Qvalue # 94
31) Naphthalene	8.28	128	1695030	59.966	ng	99
37) 2-Methylnaphthalene	8.97	142	335029	18.690	ng	99

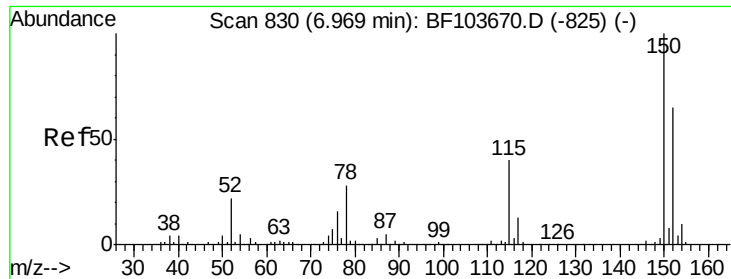
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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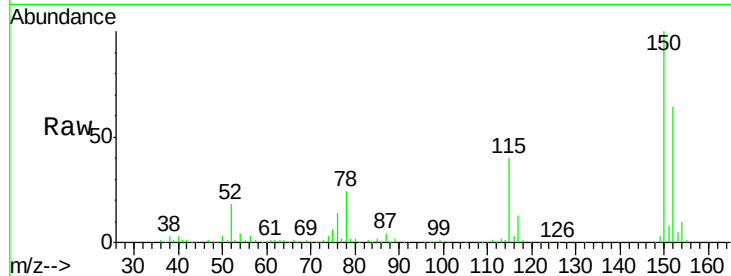


#1

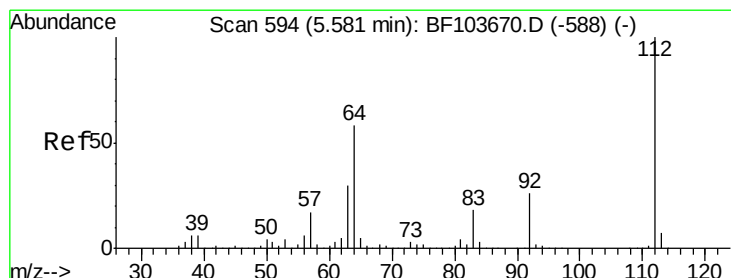
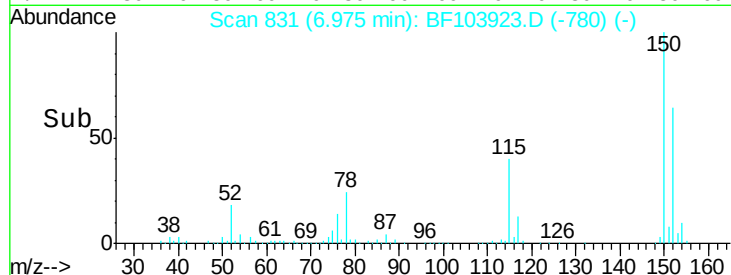
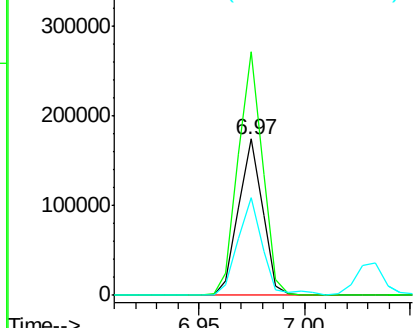
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103923.D
Acq: 26 Mar 2018 13:58

Instrument :
BNA_F
ClientSampleId :
PR-MW-05-031918

Tot Ion:152 Resp: 137523
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 62.2 50.1 75.1



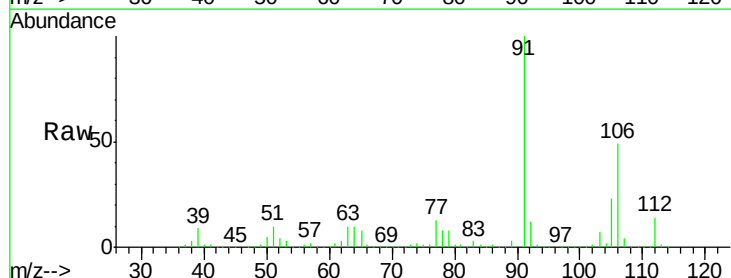
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



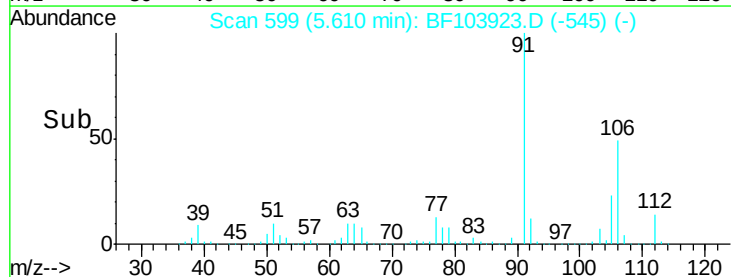
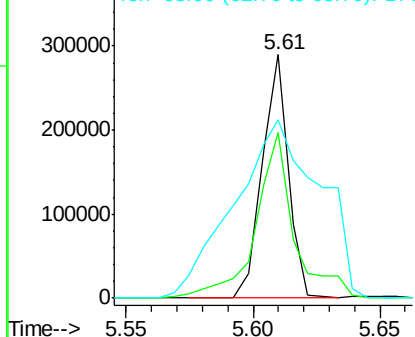
#5

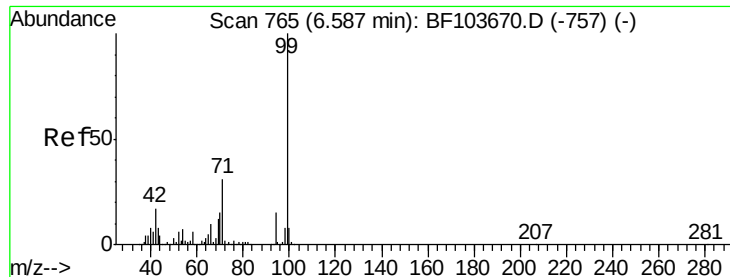
2-Fluorophenol
Concen: 23.119 ng
RT: 5.61 min Scan# 599
Delta R.T. 0.02 min
Lab File: BF103923.D
Acq: 26 Mar 2018 13:58

Tgt Ion:112 Resp: 209037
Ion Ratio Lower Upper
112 100
64 67.9 47.9 71.9
63 73.3 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: 38.909 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF103923.D

Acq: 26 Mar 2018 13:58

Instrument :

BNA_F

ClientSampleId :

PR-MW-05-031918

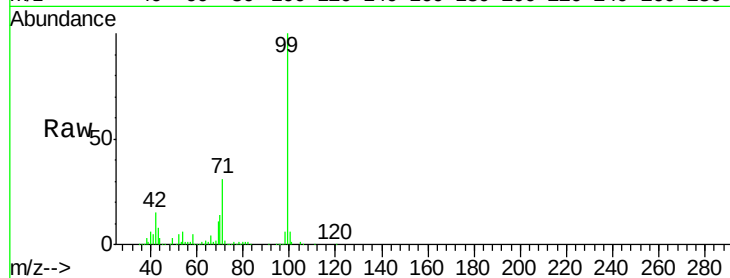
Tot Ion: 99 Resp: 430402

Ion Ratio Lower Upper

99 100

42 15.0 14.5 21.7

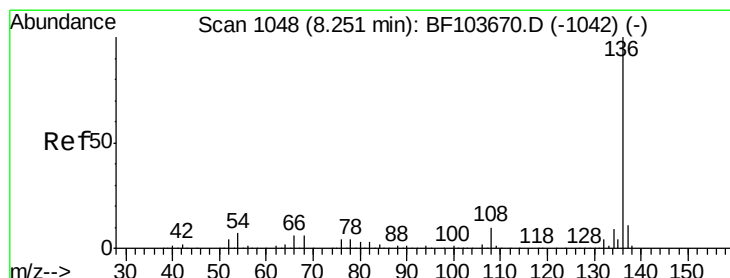
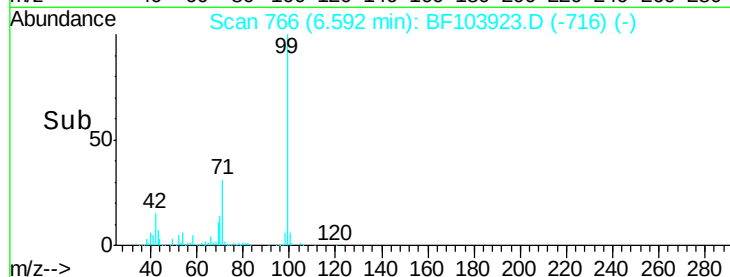
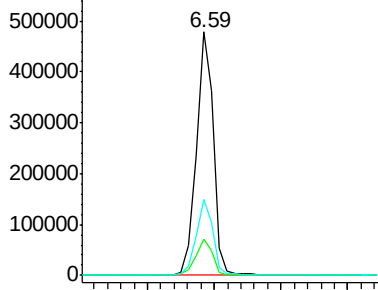
71 31.1 25.4 38.0



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: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF103923.D

Acq: 26 Mar 2018 13:58

Tgt Ion: 136 Resp: 559572

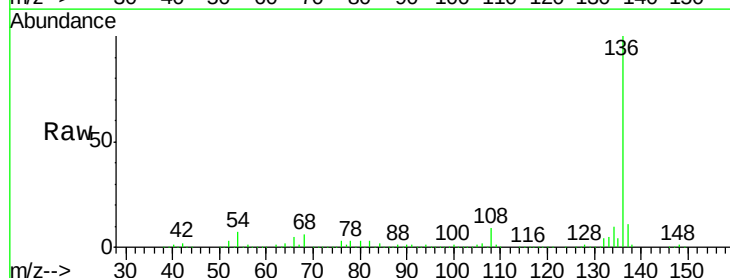
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.9 6.6 9.8

68 6.3 5.0 7.4

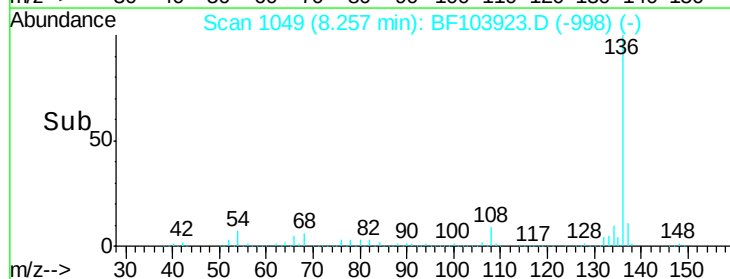
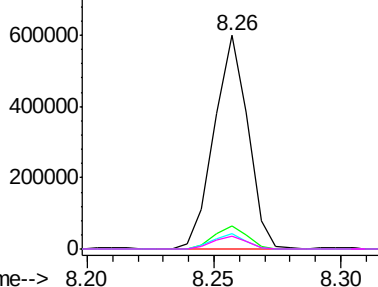


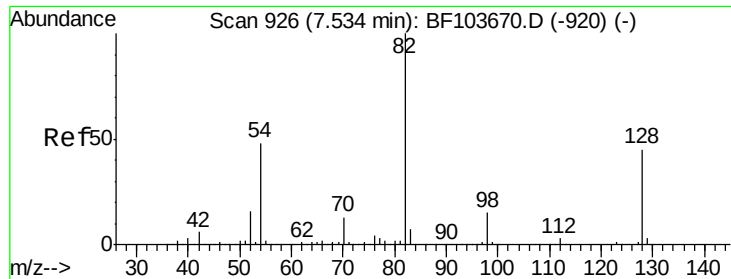
Abundance Ion 136.00 (135.70 to 136.70): E

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

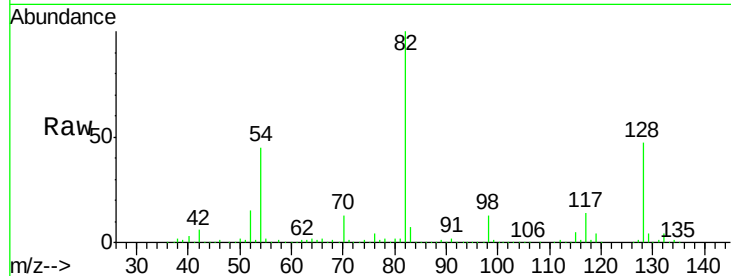




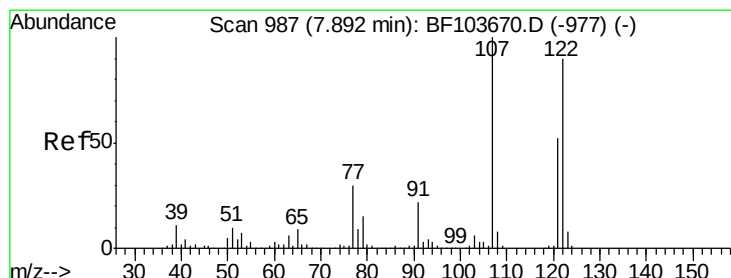
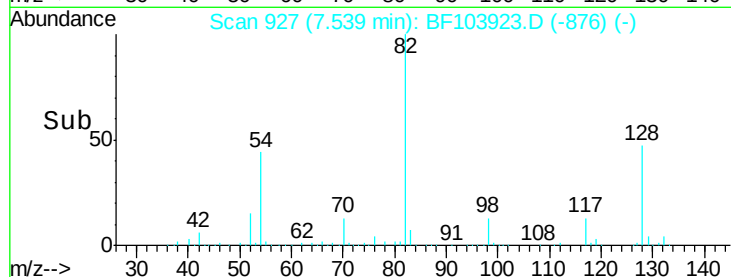
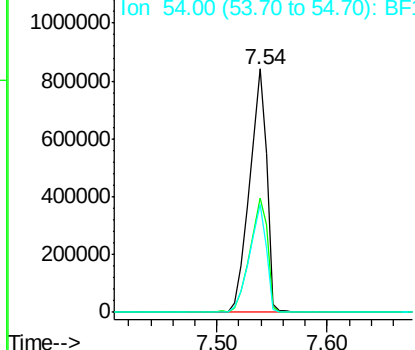
#23
 Nitrobenzene-d5
 Concen: 114.757 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF103923.D
 Acq: 26 Mar 2018 13:58

Instrument :
 BNA_F
 ClientSampleId :
 PR-MW-05-031918

Tot Ion: 82 Resp: 920832
 Ion Ratio Lower Upper
 82 100
 128 47.0 36.1 54.1
 54 44.5 41.4 62.2

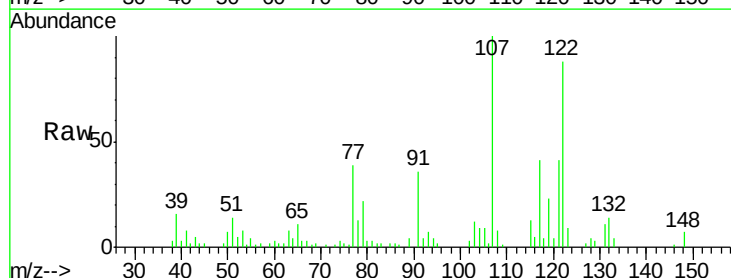


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

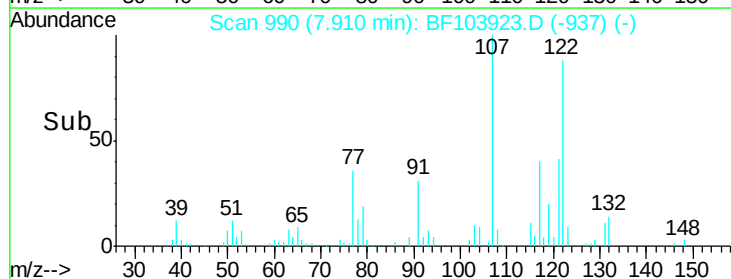
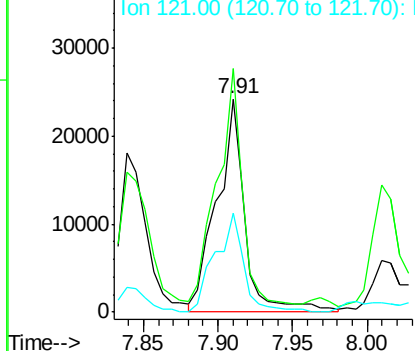


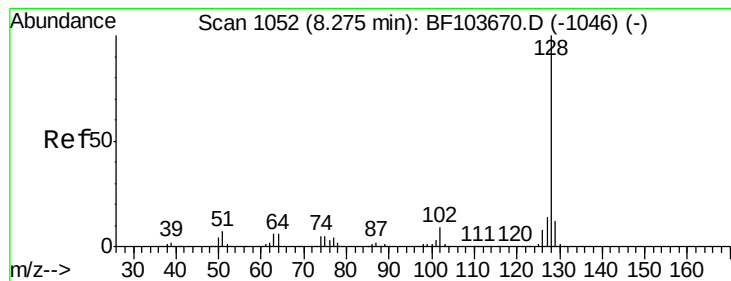
#27
 2,4-Dimethylphenol
 Concen: 4.035 ng
 RT: 7.91 min Scan# 990
 Delta R.T. 0.01 min
 Lab File: BF103923.D
 Acq: 26 Mar 2018 13:58

Tgt Ion: 122 Resp: 32109
 Ion Ratio Lower Upper
 122 100
 107 114.2 91.2 136.8
 121 46.4 47.2 70.8#



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E





#31

Naphthalene

Concen: 59.966 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF103923.D

Acq: 26 Mar 2018 13:58

Instrument :

BNA_F

ClientSampleId :

PR-MW-05-031918

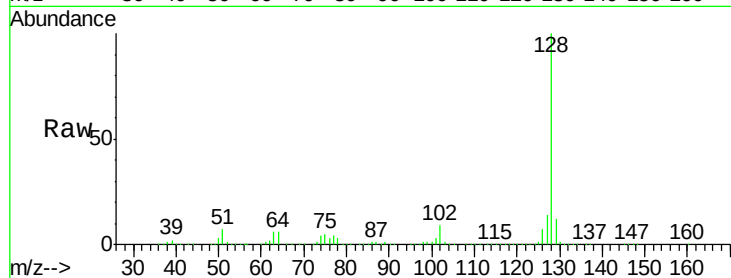
Tot Ion:128 Resp: 1695030

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

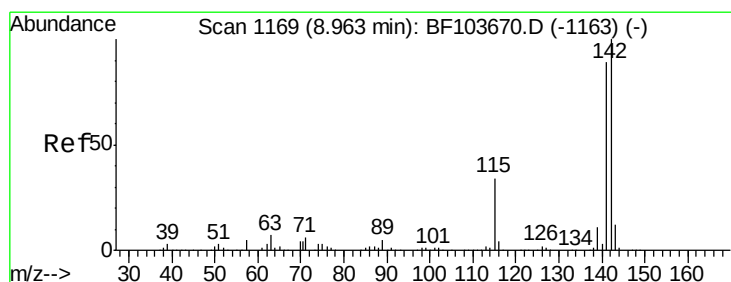
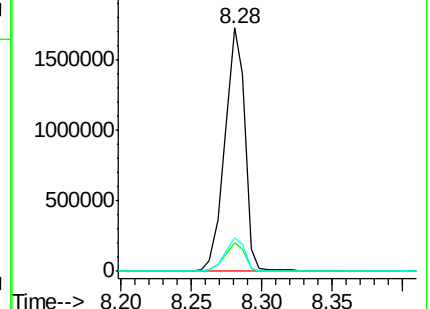
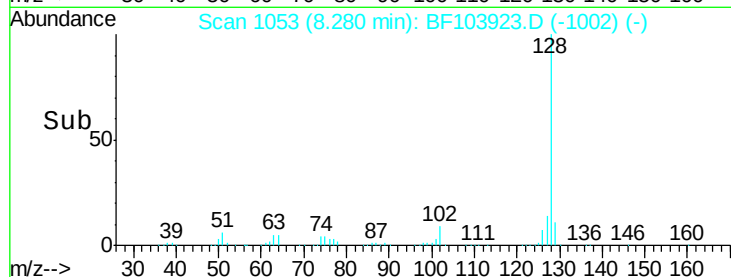
127 13.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 18.690 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF103923.D

Acq: 26 Mar 2018 13:58

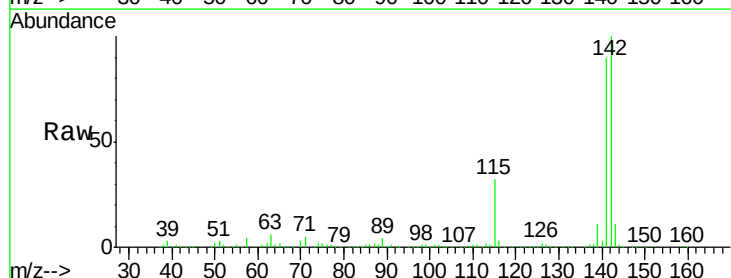
Tgt Ion:142 Resp: 335029

Ion Ratio Lower Upper

142 100

141 90.0 70.8 106.2

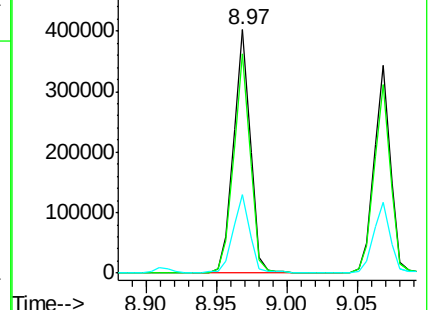
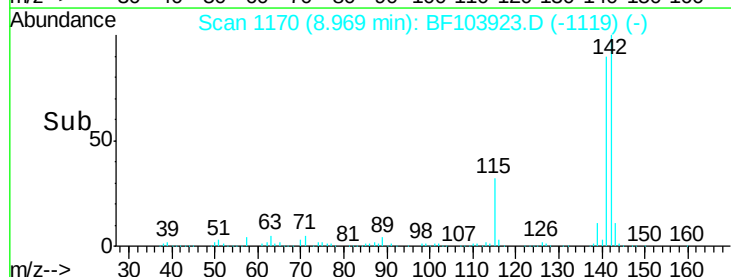
115 32.4 26.1 39.1

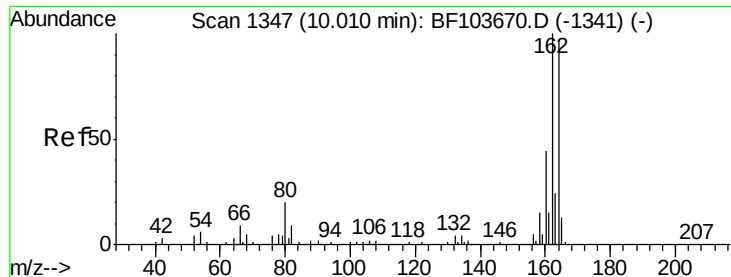


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

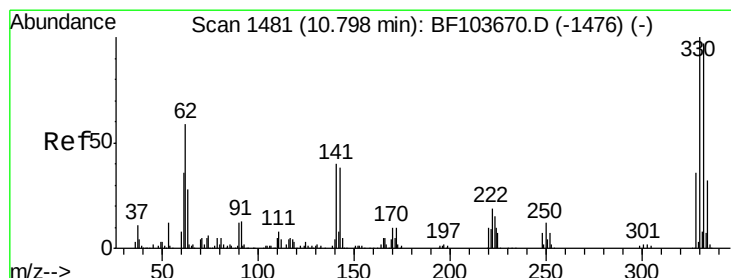
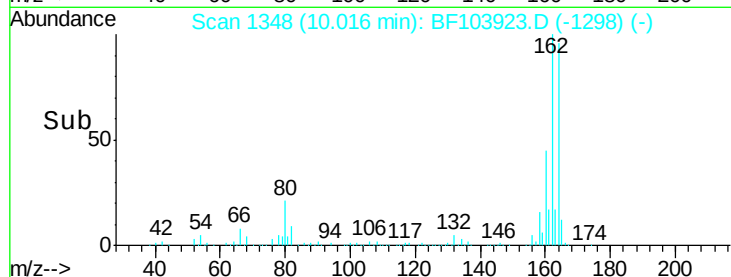
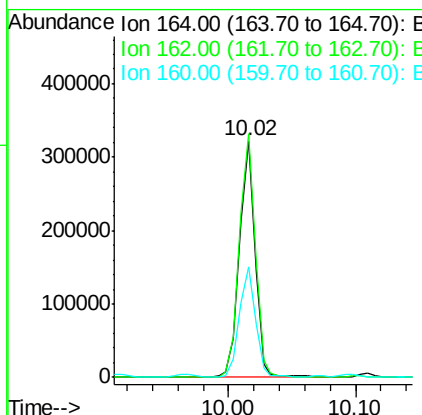
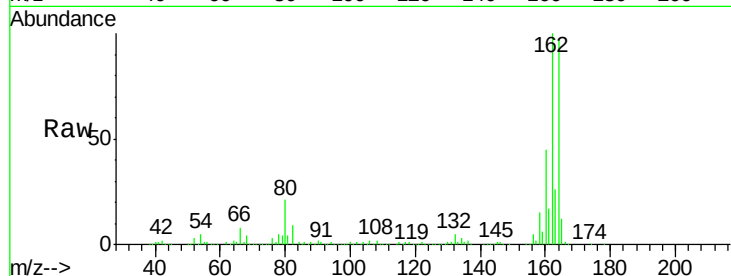




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF103923.D
 Acq: 26 Mar 2018 13:58

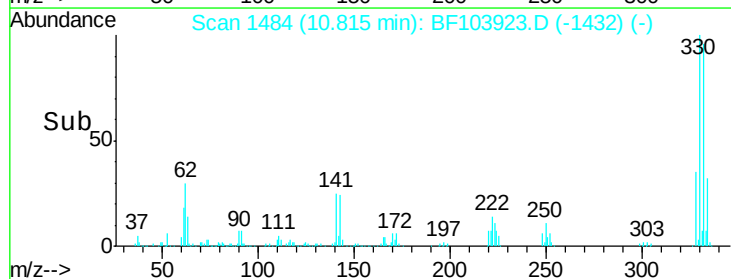
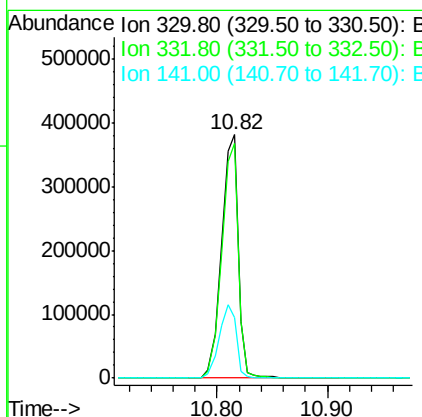
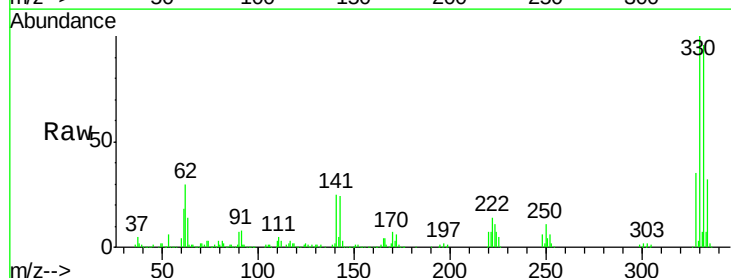
Instrument :
 BNA_F
 ClientSampleId :
 PR-MW-05-031918

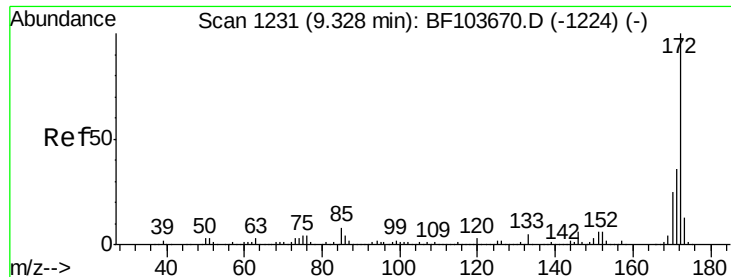
Tot Ion:164 Resp: 271200
 Ion Ratio Lower Upper
 164 100
 162 102.9 86.1 129.1
 160 46.6 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 174.181 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.01 min
 Lab File: BF103923.D
 Acq: 26 Mar 2018 13:58

Tgt Ion:330 Resp: 406154
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 31.3 29.9 44.9



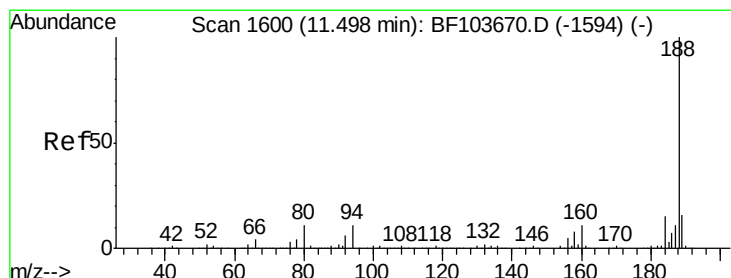
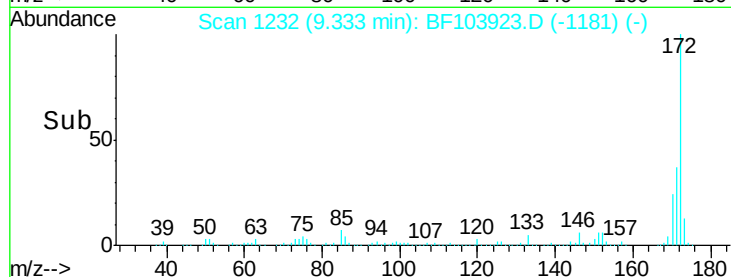
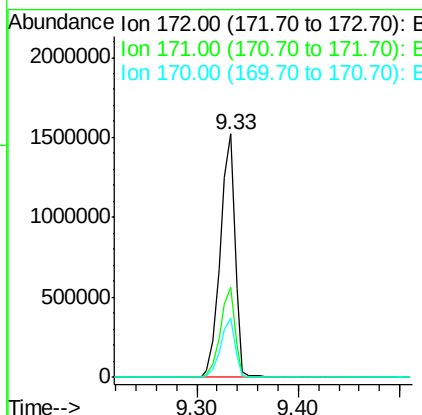
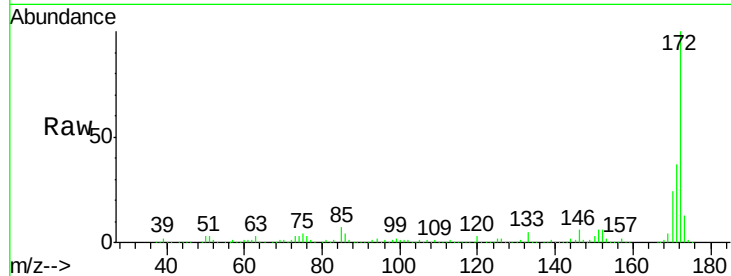


#44
 2-Fluorobiphenyl
 Concen: 90.860 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF103923.D
 Acq: 26 Mar 2018 13:58

Instrument :
 BNA_F
 ClientSampleId :
 PR-MW-05-031918

Tot Ion:172 Resp: 1544753

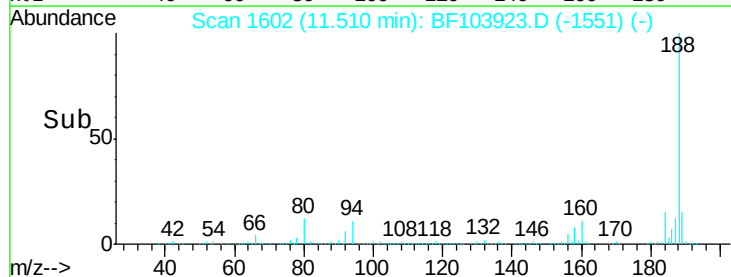
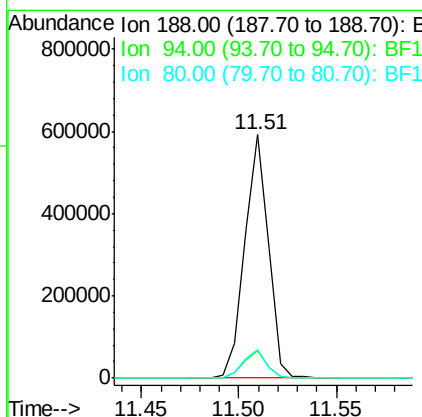
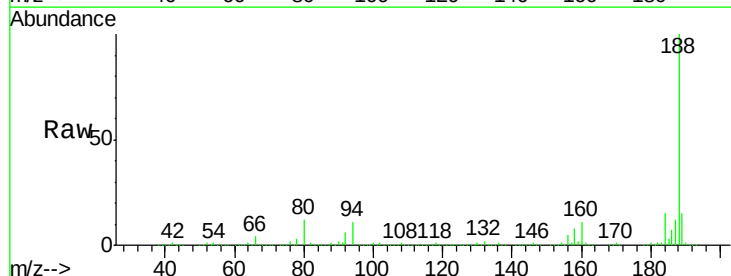
Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.5	19.6	29.4

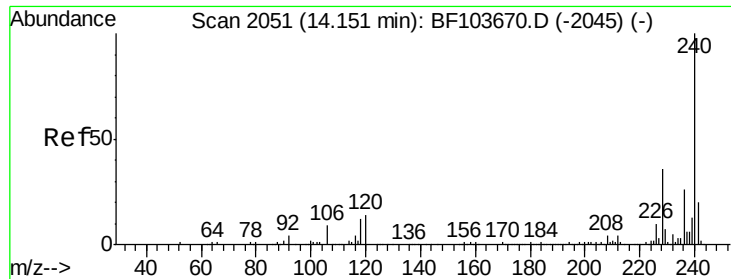


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.00 min
 Lab File: BF103923.D
 Acq: 26 Mar 2018 13:58

Tgt Ion:188 Resp: 498407

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	11.7	9.2	13.8

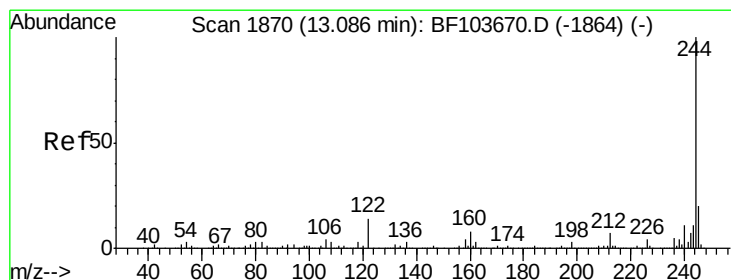
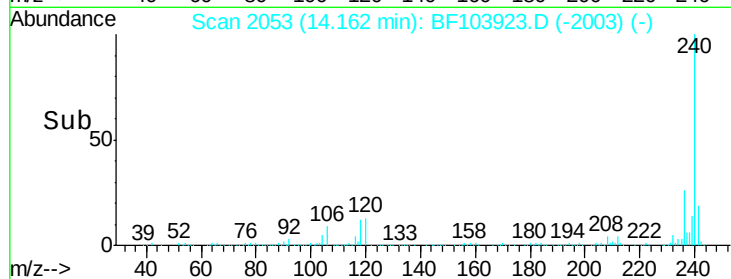
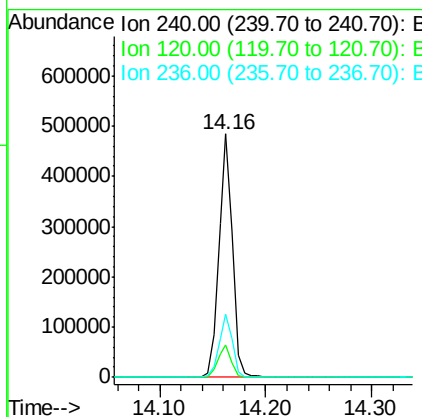
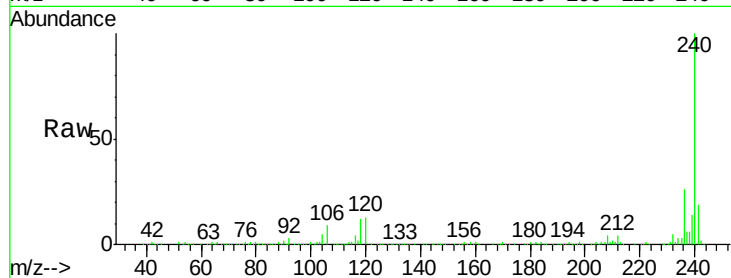




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BF103923.D
 Acq: 26 Mar 2018 13:58

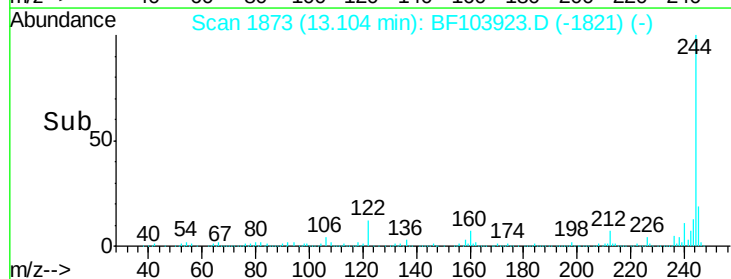
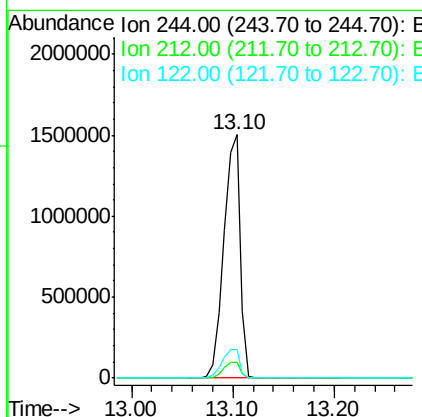
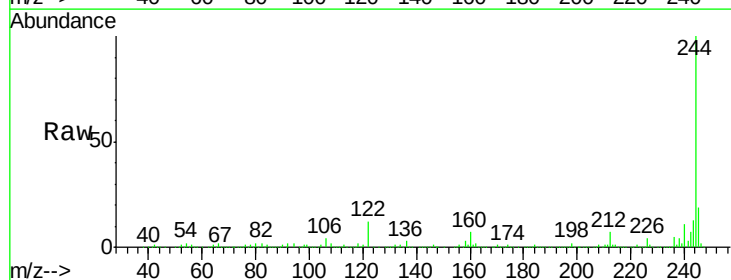
Instrument :
 BNA_F
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 PR-MW-05-031918

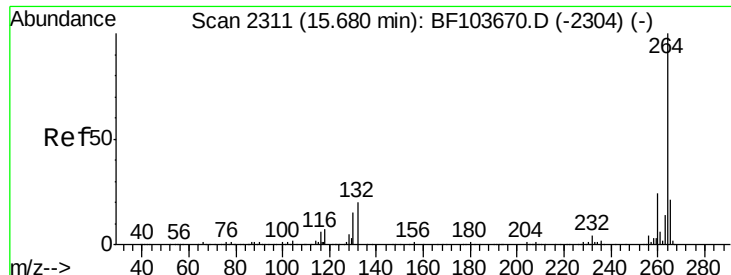
Tot Ion:240 Resp: 438248
 Ion Ratio Lower Upper
 240 100
 120 13.4 9.5 14.3
 236 25.8 20.7 31.1



#78
 Terphenyl-d14
 Concen: 88.978 ng
 RT: 13.10 min Scan# 1873
 Delta R.T. 0.01 min
 Lab File: BF103923.D
 Acq: 26 Mar 2018 13:58

Tgt Ion:244 Resp: 1679968
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.7 11.0 16.4



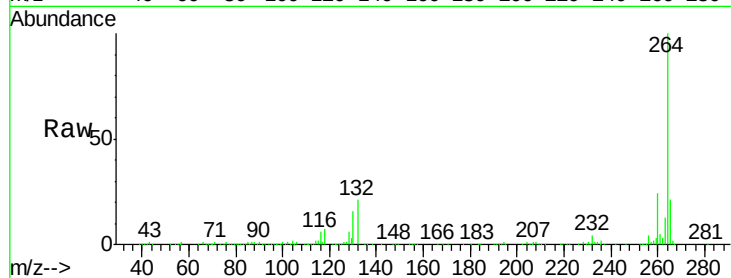


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BF103923.D
Acq: 26 Mar 2018 13:58

Instrument :
BNA_F
ClientSampleId :
PR-MW-05-031918

Tot Ion: 264 Resp: 371825

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.9	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

