

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
 Data File : BF103916.D
 Acq On : 26 Mar 2018 10:54
 Operator : JU/SJ
 Sample : J1994-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-MW-11-031918

Quant Time: Mar 27 07:37:02 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

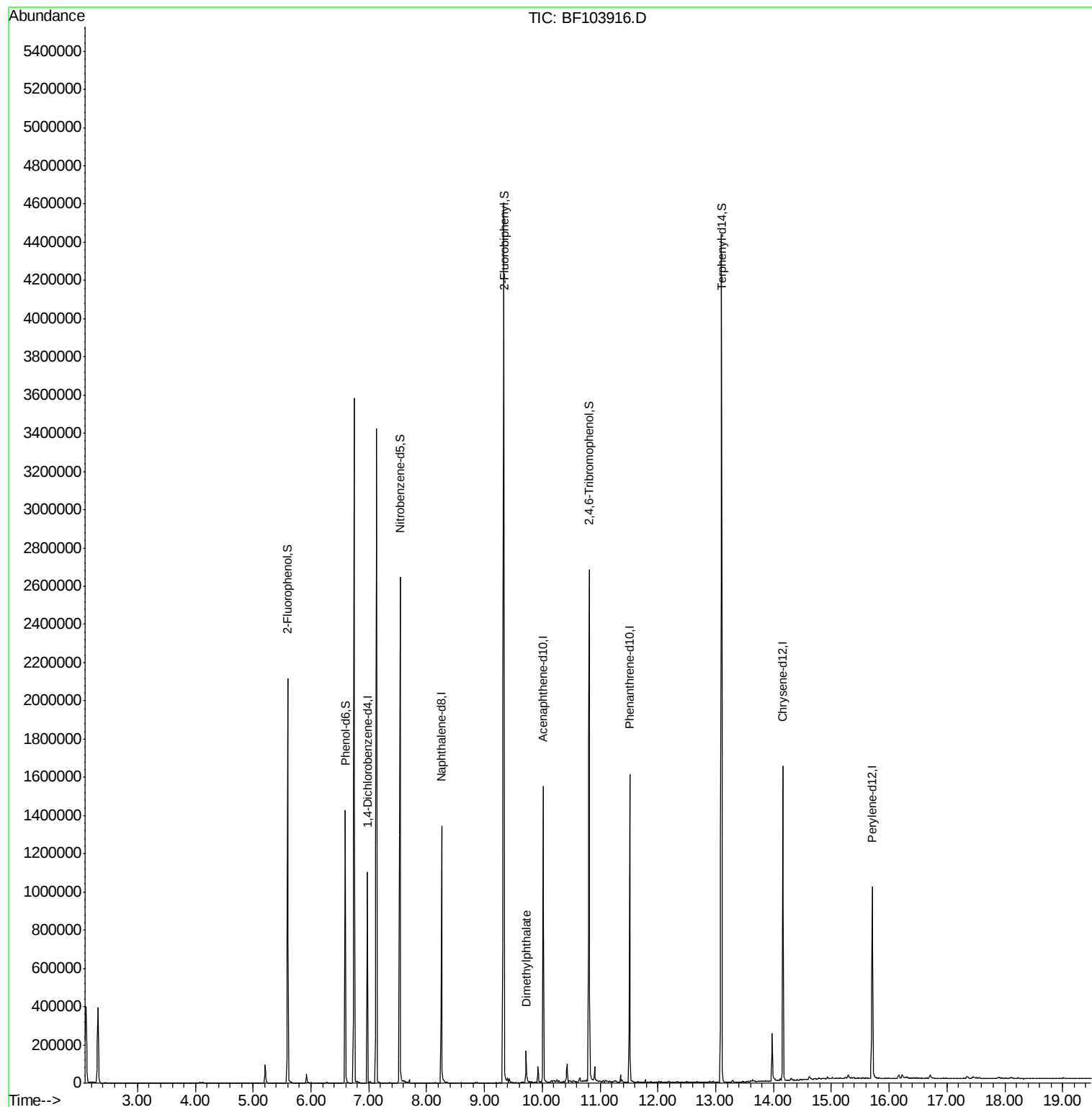
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	158059	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	623473	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	297138	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	557887	20.00	ng	0.00
75) Chrysene-d12	14.16	240	520508	20.00	ng	0.00
86) Perylene-d12	15.71	264	479572	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	616113	59.29	ng	0.00
7) Phenol-d6	6.59	99	466309	36.68	ng	0.00
23) Nitrobenzene-d5	7.54	82	1012217	113.22	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	425590	166.58	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1662240	89.24	ng	0.00
78) Terphenyl-d14	13.10	244	1850795	82.53	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.72	163	65948	2.909	ng	99

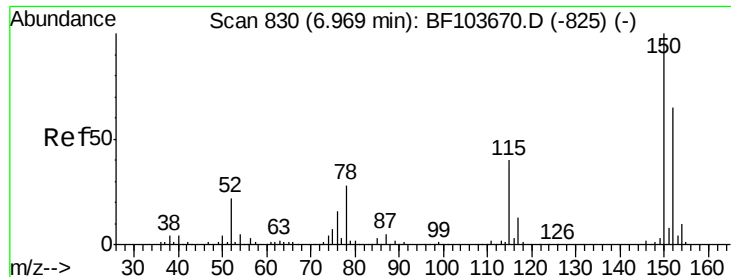
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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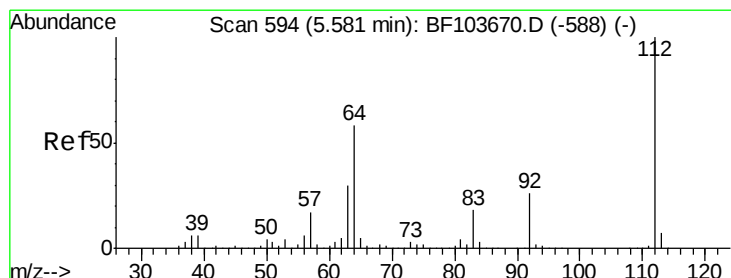
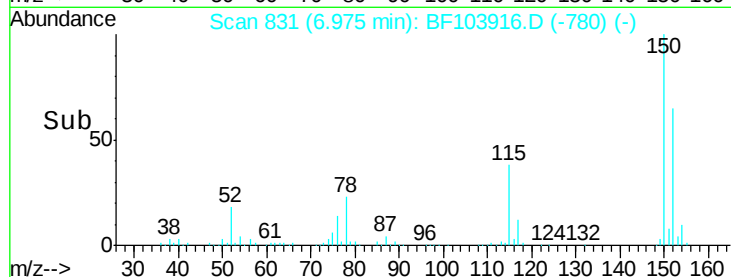
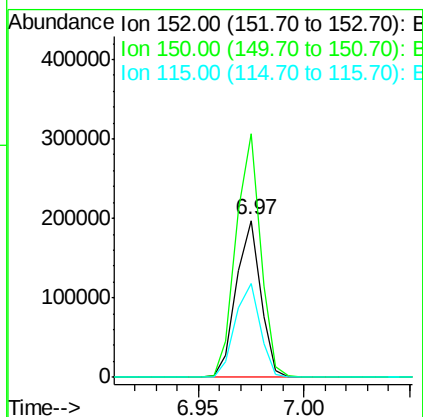
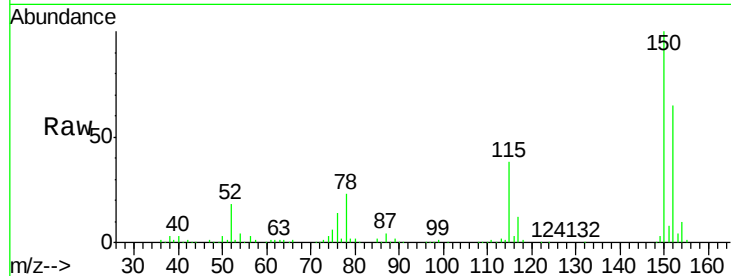


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103916.D
Acq: 26 Mar 2018 10:54

Instrument :
BNA_F
ClientSampleId :
C-MW-11-031918

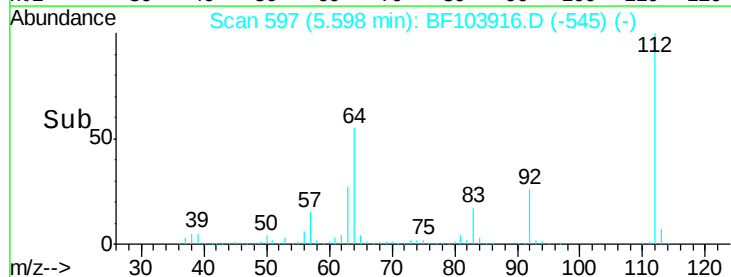
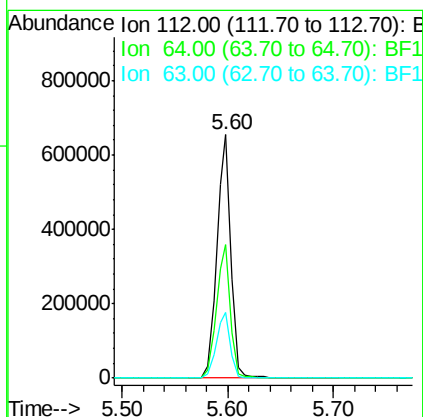
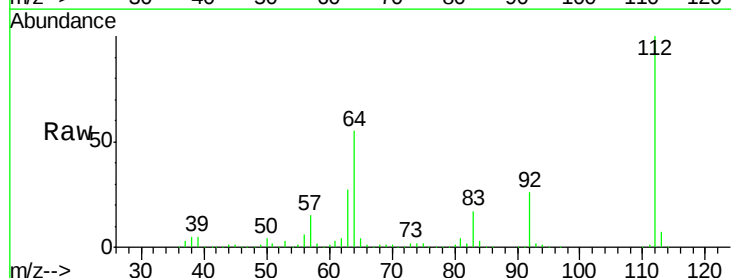
Tot Ion:152 Resp: 158059
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 59.5 50.1 75.1



#5

2-Fluorophenol
Concen: 59.288 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF103916.D
Acq: 26 Mar 2018 10:54

Tgt Ion:112 Resp: 616113
Ion Ratio Lower Upper
112 100
64 54.6 47.9 71.9
63 27.1 23.7 35.5





#7

Phenol-d6

Concen: 36.678 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF103916.D

Acq: 26 Mar 2018 10:54

Instrument :

BNA_F

ClientSampleId :

C-MW-11-031918

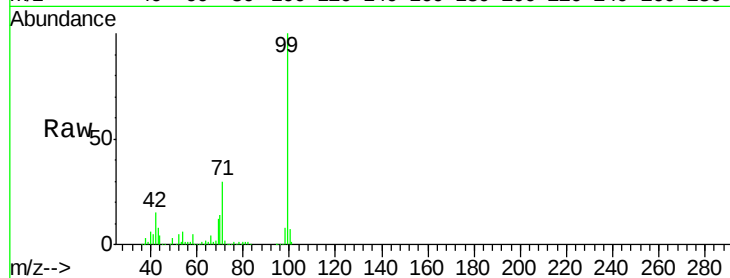
Tot Ion: 99 Resp: 466309

Ion Ratio Lower Upper

99 100

42 14.6 14.5 21.7

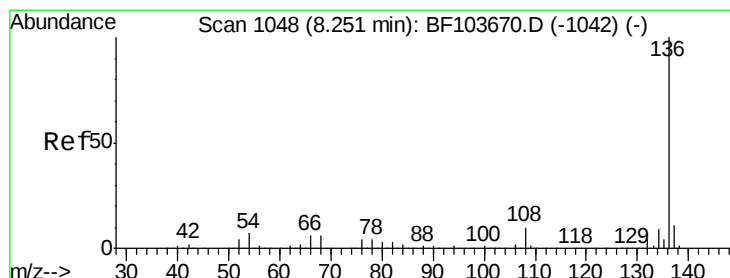
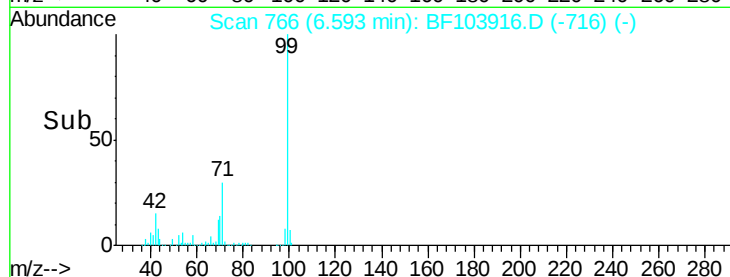
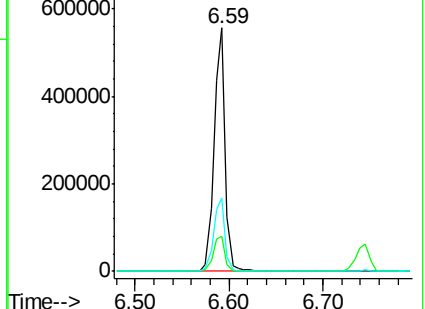
71 29.9 25.4 38.0



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: BF103916.D

Acq: 26 Mar 2018 10:54

Tgt Ion: 136 Resp: 623473

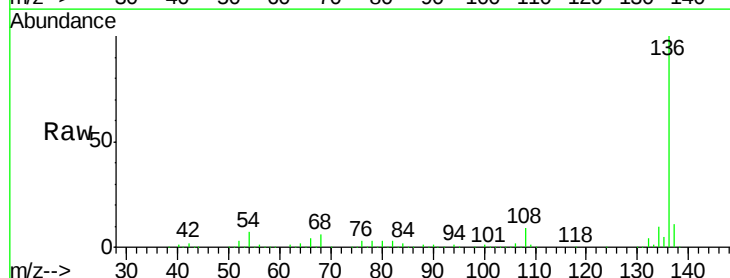
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.8 6.6 9.8

68 6.0 5.0 7.4

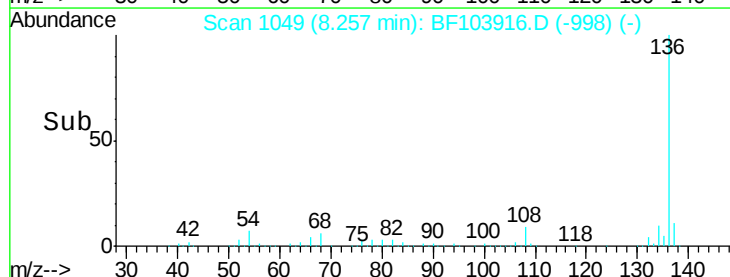
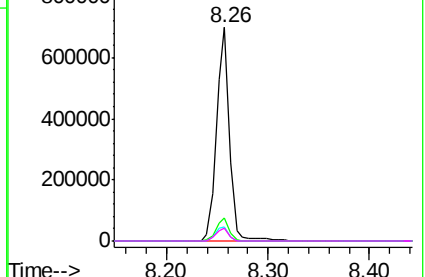


Abundance Ion 136.00 (135.70 to 136.70): E

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

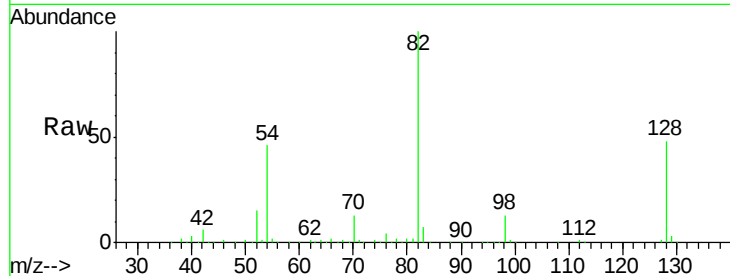




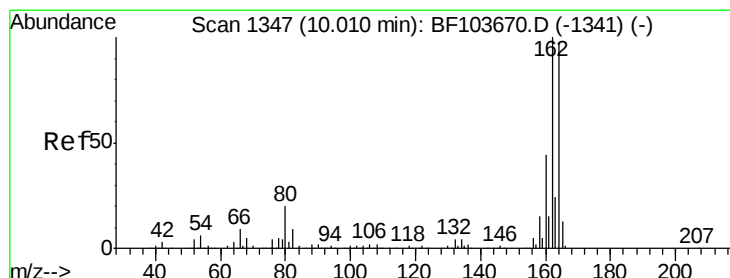
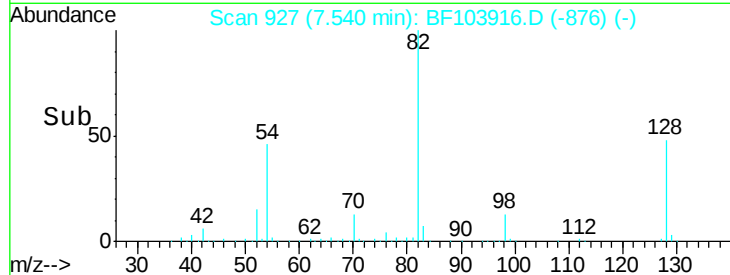
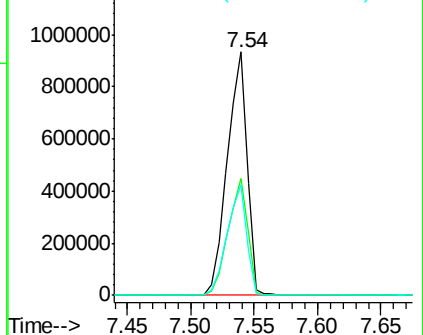
#23
 Nitrobenzene-d5
 Concen: 113.217 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF103916.D
 Acq: 26 Mar 2018 10:54

Instrument :
 BNA_F
 ClientSampleId :
 C-MW-11-031918

Tot Ion: 82 Resp: 1012217
 Ion Ratio Lower Upper
 82 100
 128 47.9 36.1 54.1
 54 45.6 41.4 62.2

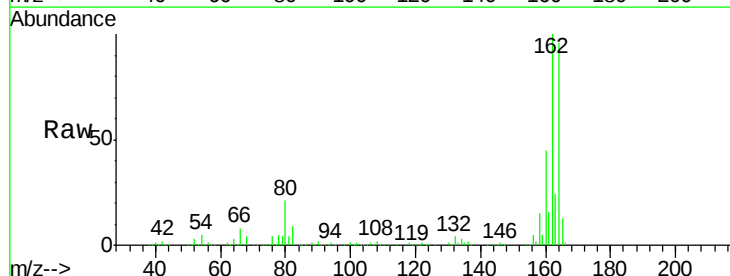


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

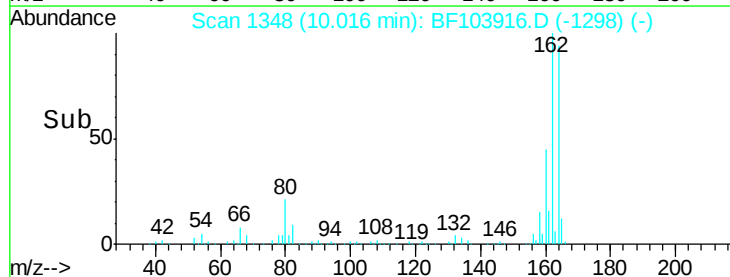
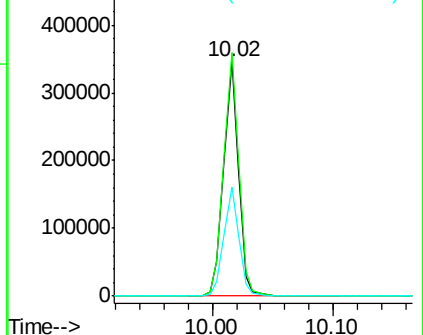


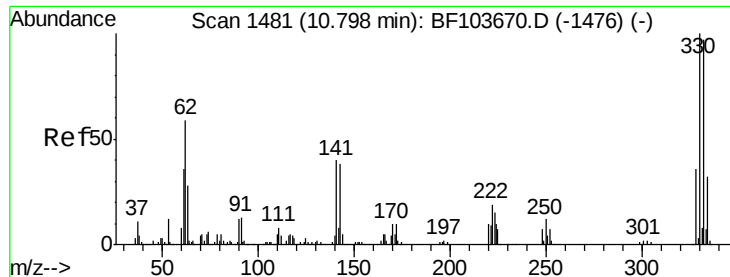
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF103916.D
 Acq: 26 Mar 2018 10:54

Tgt Ion:164 Resp: 297138
 Ion Ratio Lower Upper
 164 100
 162 103.9 86.1 129.1
 160 46.5 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: 166.584 ng

RT: 10.82 min Scan# 1484

Delta R.T. 0.01 min

Lab File: BF103916.D

Acq: 26 Mar 2018 10:54

Instrument :

BNA_F

ClientSampleId :

C-MW-11-031918

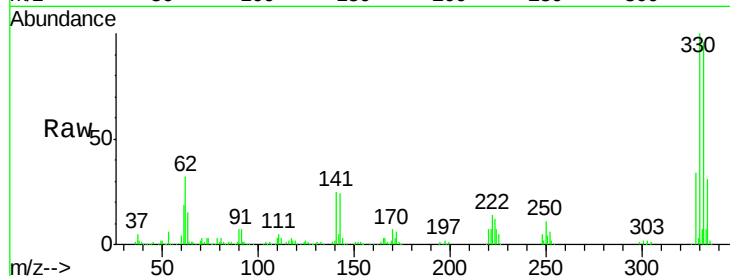
Tot Ion:330 Resp: 425590

Ion Ratio Lower Upper

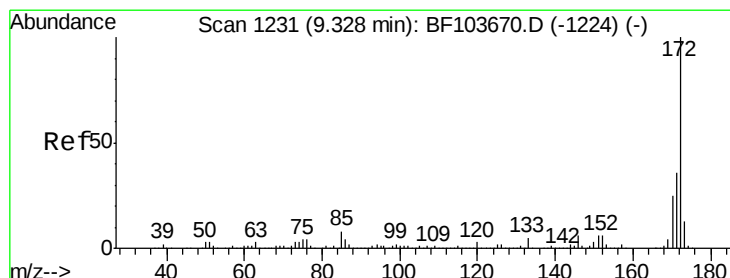
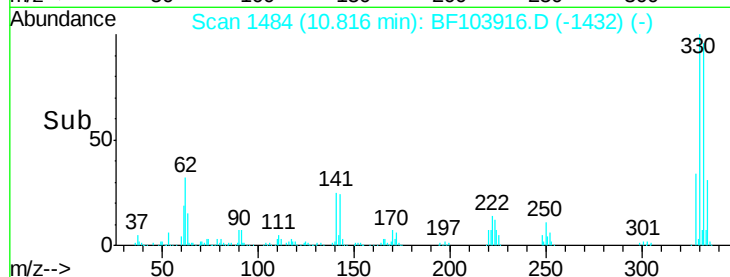
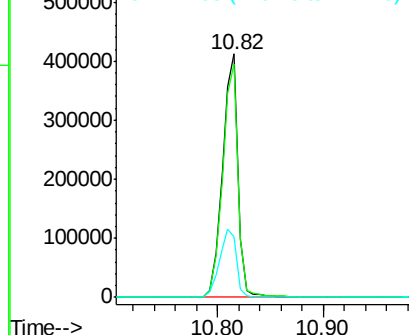
330 100

332 96.5 77.0 115.6

141 31.1 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: 89.235 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BF103916.D

Acq: 26 Mar 2018 10:54

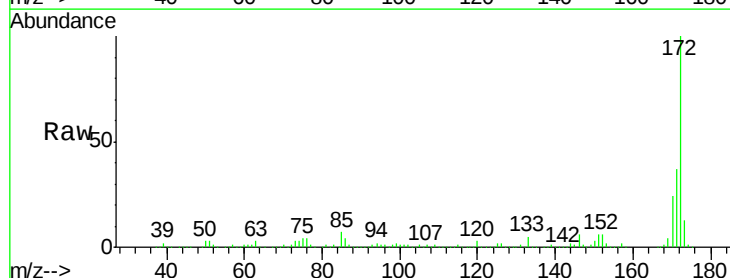
Tgt Ion:172 Resp: 1662240

Ion Ratio Lower Upper

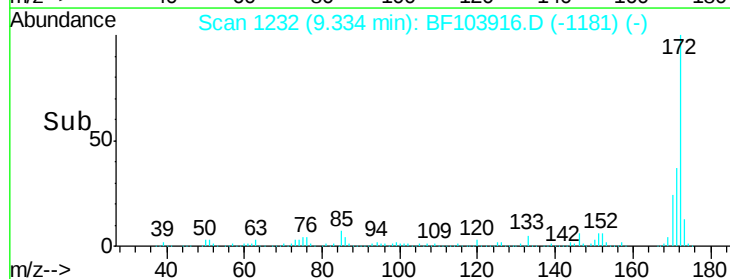
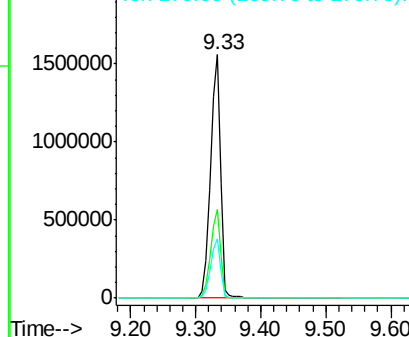
172 100

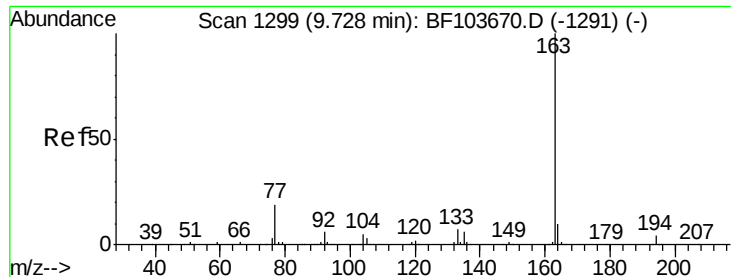
171 36.6 29.7 44.5

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

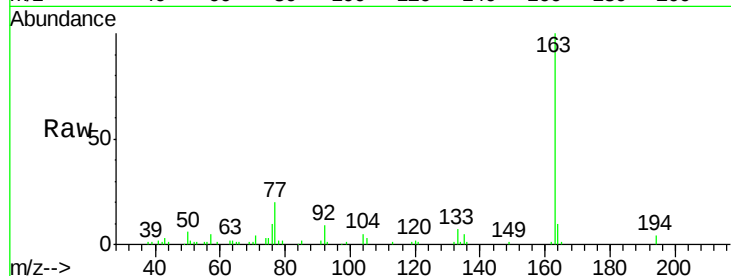




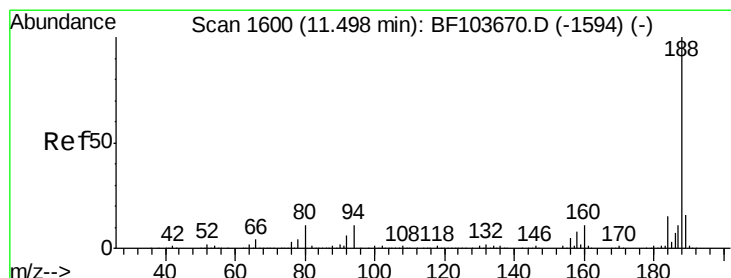
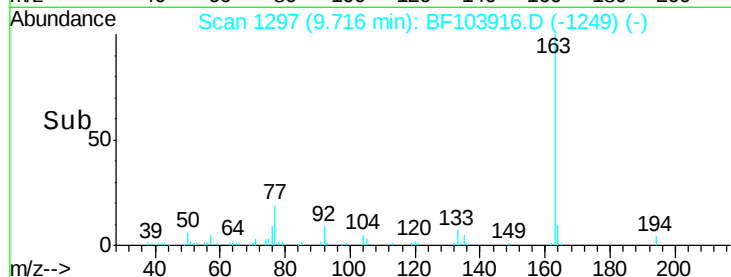
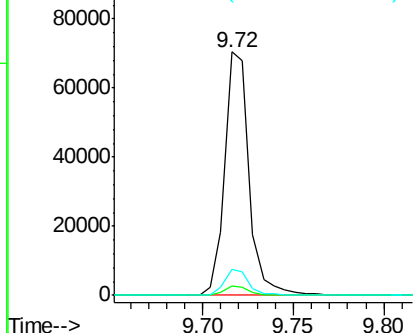
#49
Dimethylphthalate
Concen: 2.909 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF103916.D
Acq: 26 Mar 2018 10:54

Instrument :
BNA_F
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C-MW-11-031918

Tot Ion:163 Resp: 65948
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.5 8.2 12.2

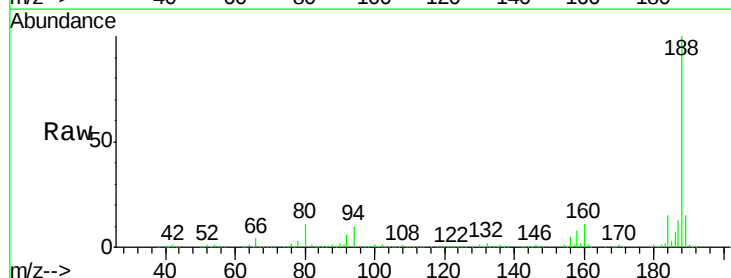


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

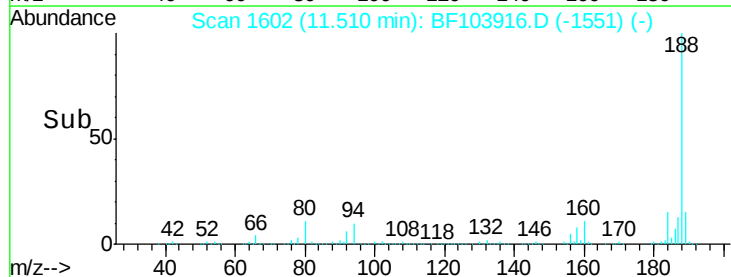
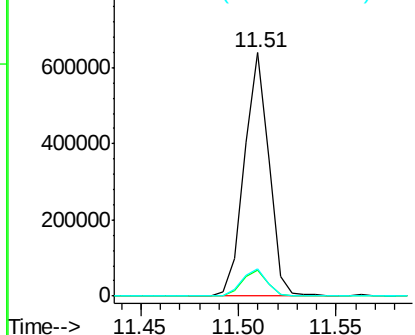


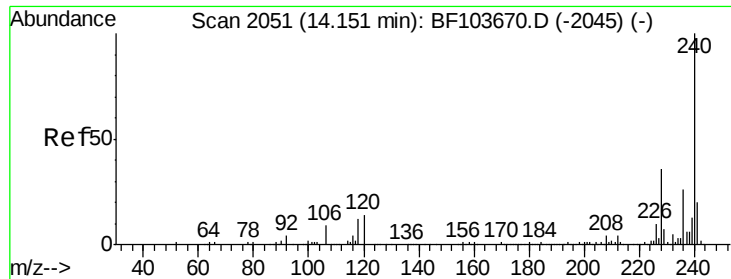
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF103916.D
Acq: 26 Mar 2018 10:54

Tgt Ion:188 Resp: 557887
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.4 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

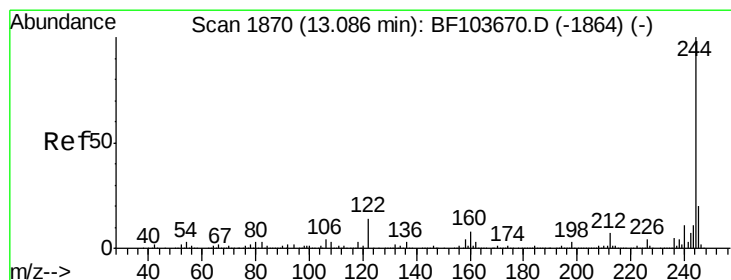
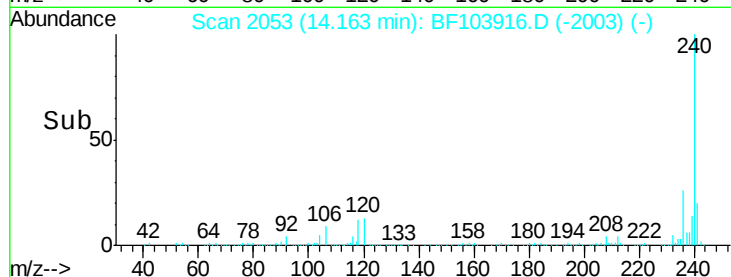
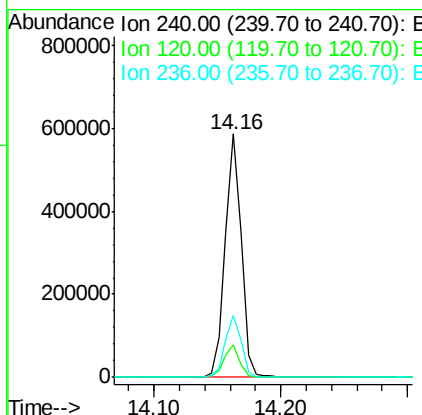
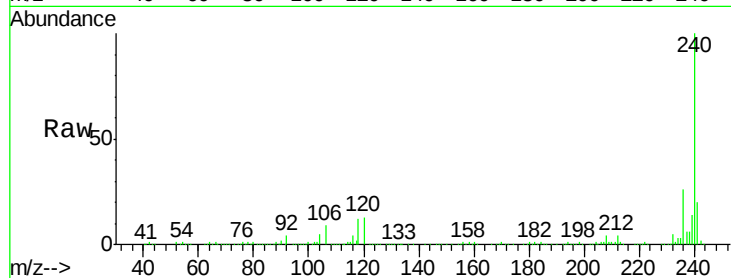




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BF103916.D
 Acq: 26 Mar 2018 10:54

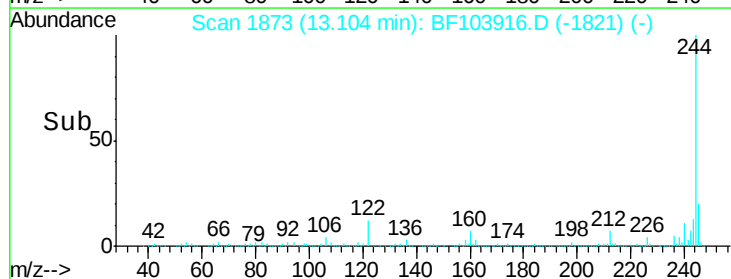
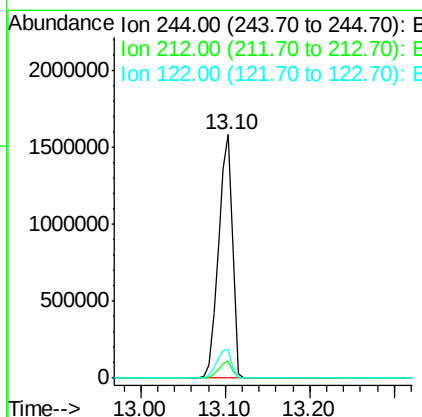
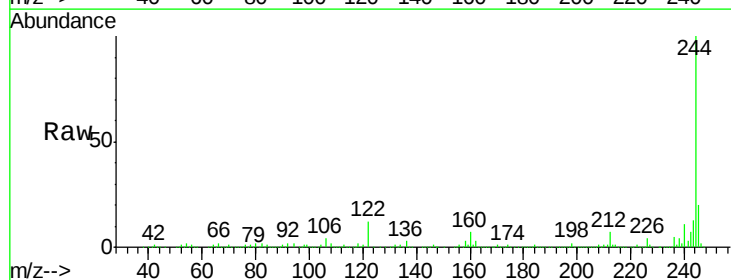
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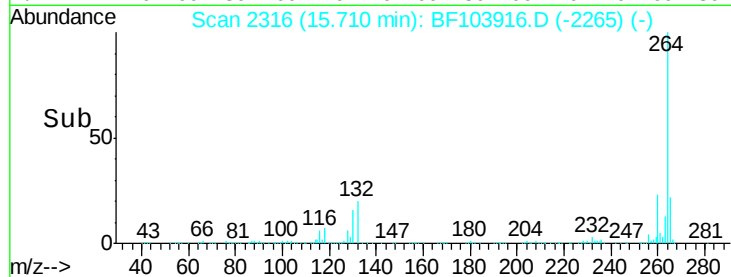
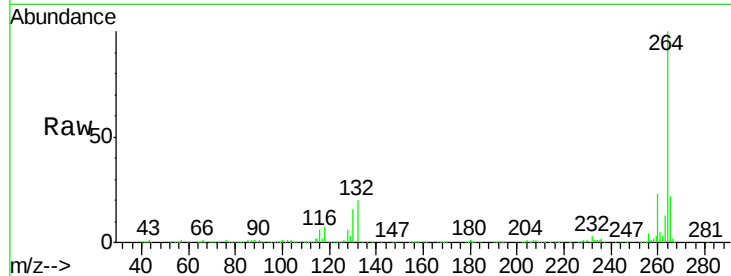
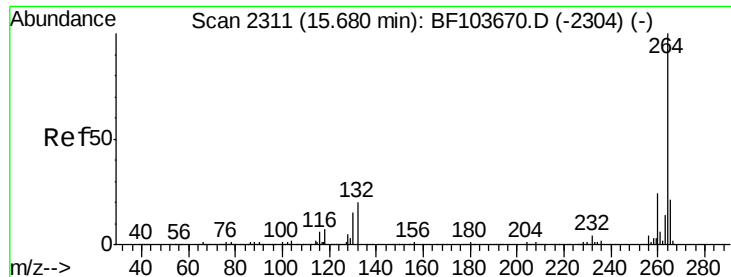
Tot Ion:240 Resp: 520508
 Ion Ratio Lower Upper
 240 100
 120 13.1 9.5 14.3
 236 25.7 20.7 31.1



#78
 Terphenyl-d14
 Concen: 82.534 ng
 RT: 13.10 min Scan# 1873
 Delta R.T. 0.01 min
 Lab File: BF103916.D
 Acq: 26 Mar 2018 10:54

Tgt Ion:244 Resp: 1850795
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.9 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: BF103916.D

Acq: 26 Mar 2018 10:54

Instrument :

BNA_F

ClientSampleId :

C-MW-11-031918

Tot Ion:264 Resp: 479572

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.7 17.5 26.3

