

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF032218\
 Data File : BF103854.D
 Acq On : 22 Mar 2018 16:20
 Operator : JU/SJ
 Sample : J1997-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DGA-TOP-LAYER-1-B

Quant Time: Mar 22 17:17:40 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 11:56:49 2018
 Response via : Initial Calibration

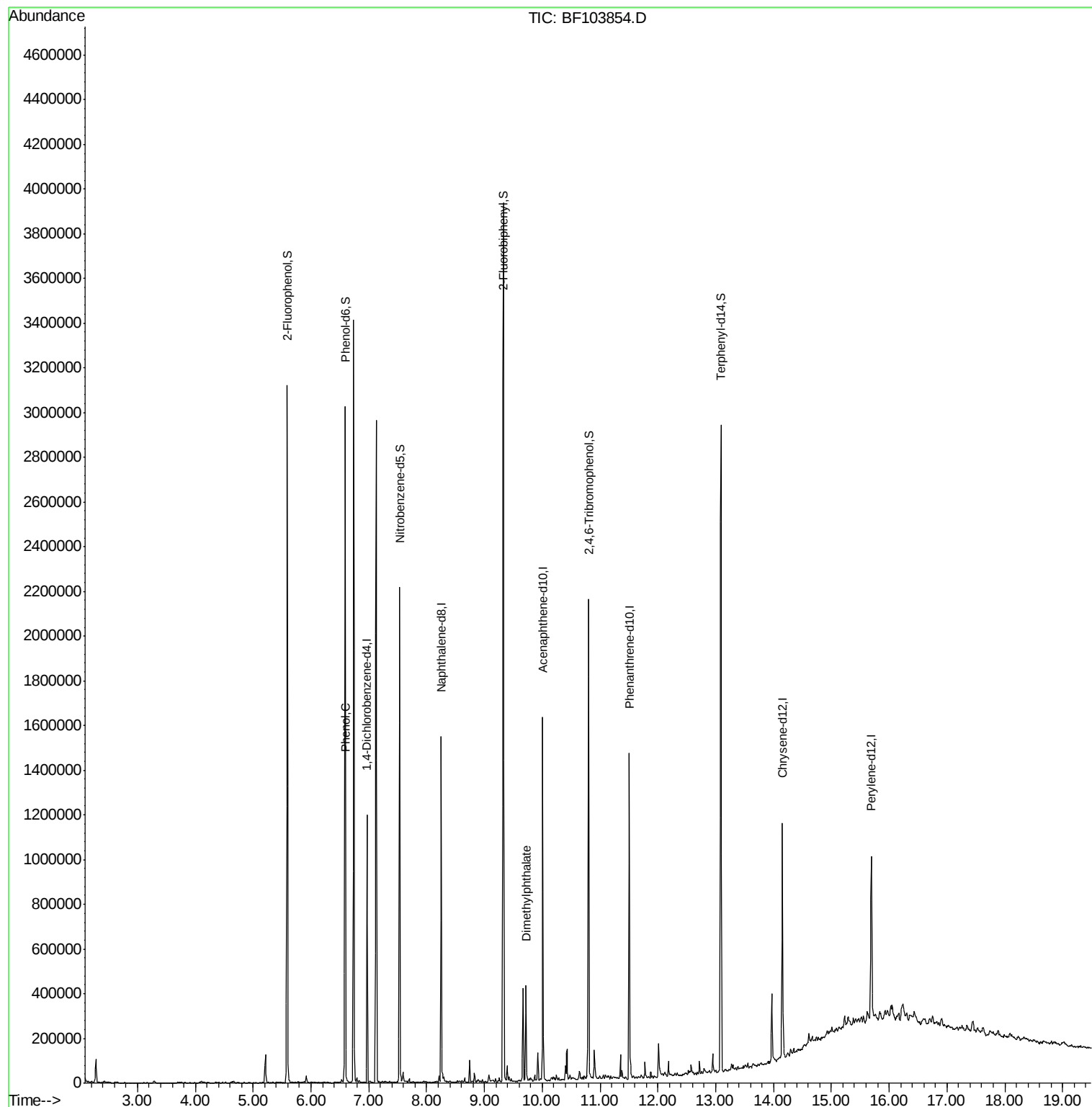
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	158624	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	640302	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	294037	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	481853	20.00	ng	0.00
75) Chrysene-d12	14.15	240	343282	20.00	ng	-0.01
86) Perylene-d12	15.69	264	330950	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	940461	90.18	ng	0.00
7) Phenol-d6	6.59	99	1170856	91.77	ng	0.00
23) Nitrobenzene-d5	7.53	82	724518	78.91	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	269204	106.48	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1237818	67.15	ng	0.00
78) Terphenyl-d14	13.09	244	995552	67.32	ng	0.00
Target Compounds						
10) Phenol	6.60	94	28048	2.069	ng	95
49) Dimethylphthalate	9.72	163	150273	6.699	ng	99

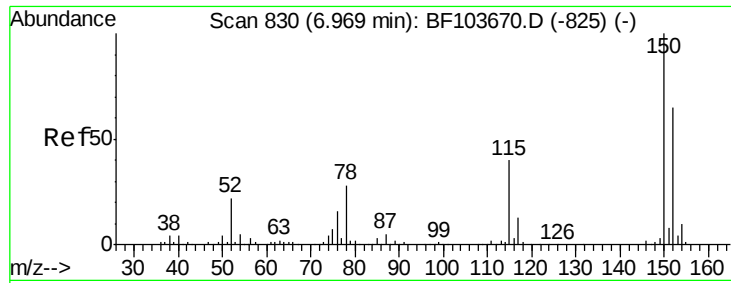
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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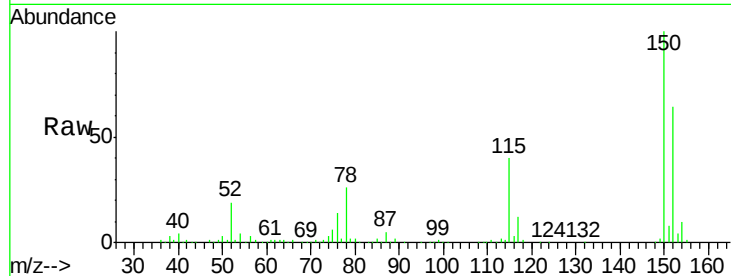


#1

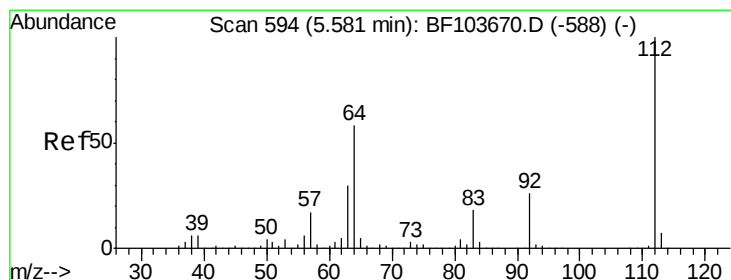
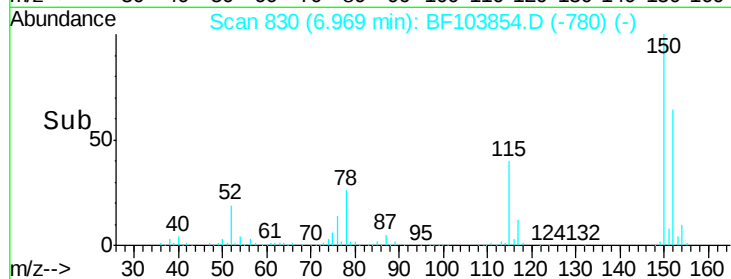
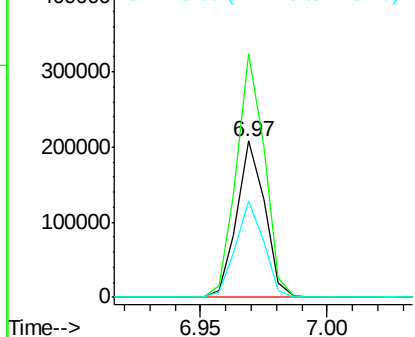
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF103854.D
Acq: 22 Mar 2018 16:20

Instrument :
BNA_F
ClientSampleId :
DGA-TOP-LAYER-1-B

Tgt Ion:152 Resp: 158624
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 61.7 50.1 75.1



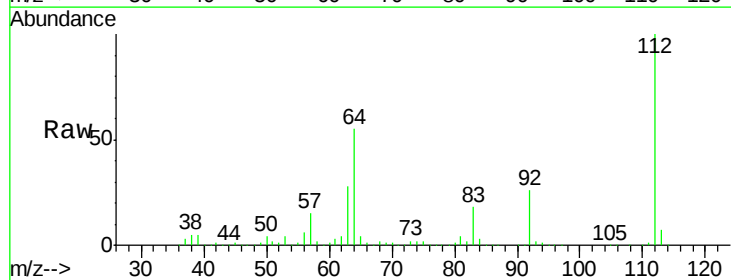
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



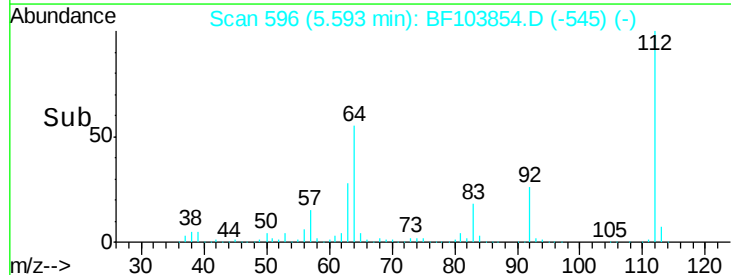
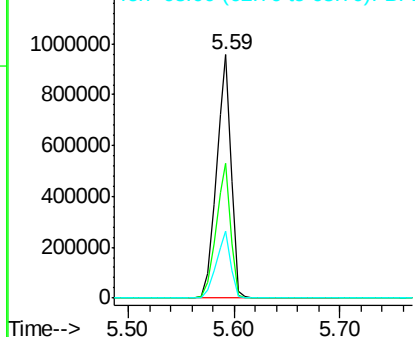
#5

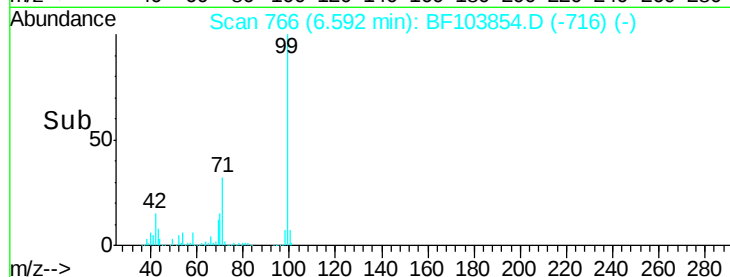
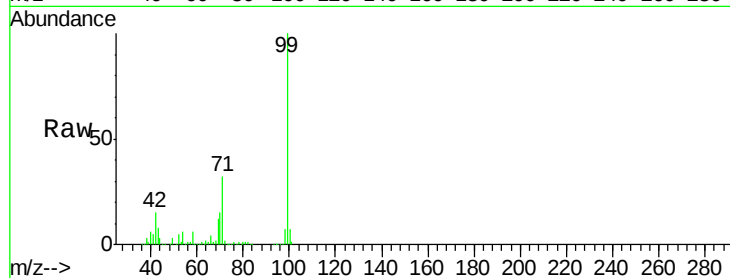
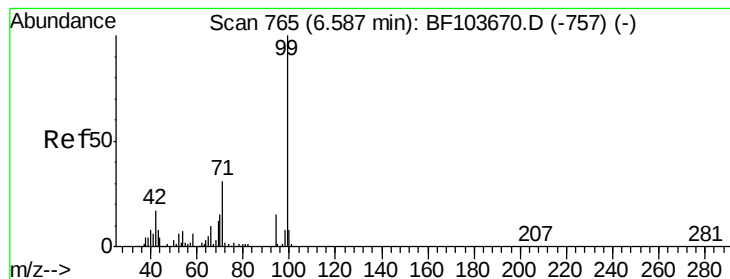
2-Fluorophenol
Concen: 90.178 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF103854.D
Acq: 22 Mar 2018 16:20

Tgt Ion:112 Resp: 940461
Ion Ratio Lower Upper
112 100
64 55.2 47.9 71.9
63 27.6 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: 91.766 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF103854.D

Acq: 22 Mar 2018 16:20

Instrument :

BNA_F

ClientSampleId :

DGA-TOP-LAYER-1-B

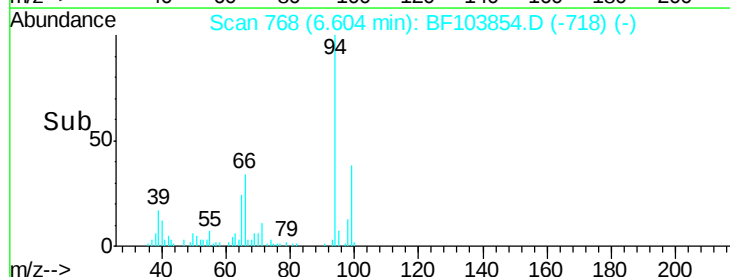
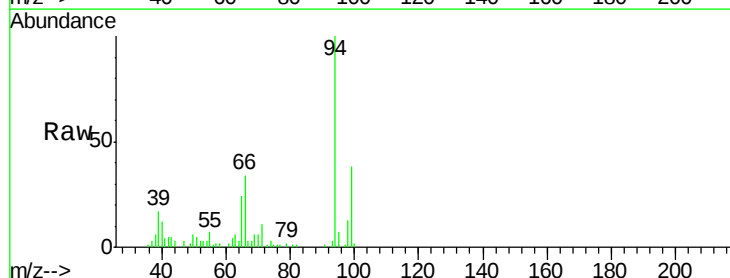
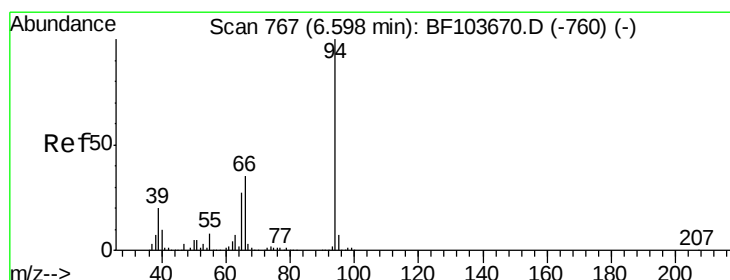
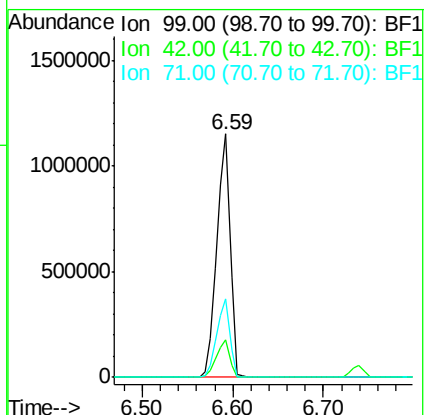
Tgt Ion: 99 Resp: 1170856

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

71 32.3 25.4 38.0



#10

Phenol

Concen: 2.069 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF103854.D

Acq: 22 Mar 2018 16:20

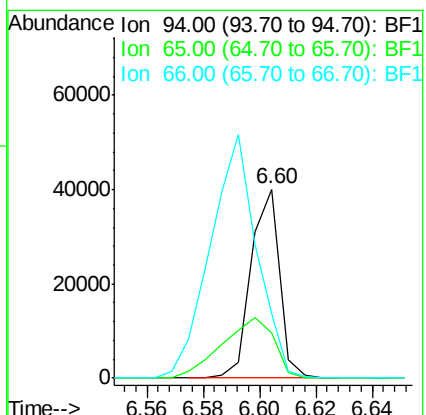
Tgt Ion: 94 Resp: 28048

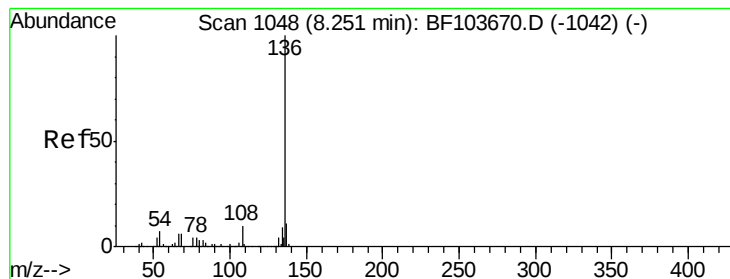
Ion Ratio Lower Upper

94 100

65 24.0 7.9 47.9

66 34.0 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF103854.D

Acq: 22 Mar 2018 16:20

Instrument :

BNA_F

ClientSampleId :

DGA-TOP-LAYER-1-B

Tgt Ion: 136 Resp: 640302

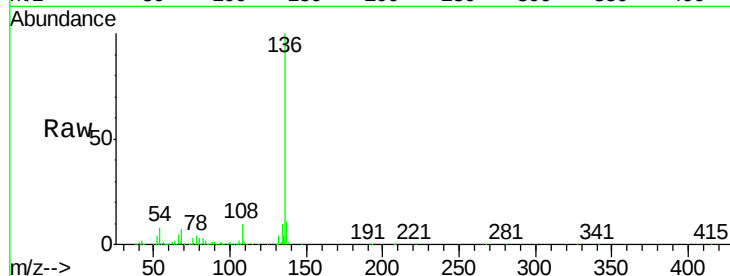
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.5 6.6 9.8

68 6.6 5.0 7.4

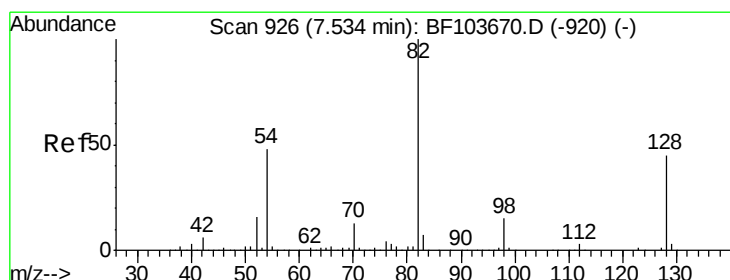
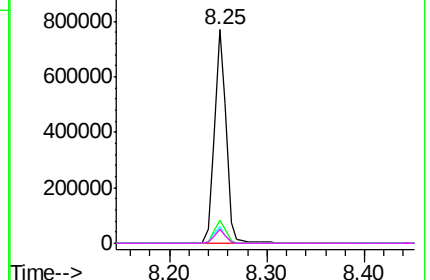
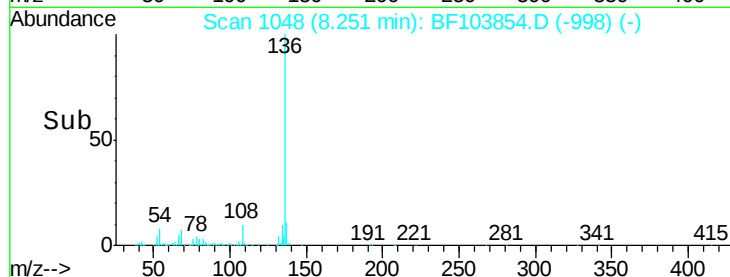


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.908 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF103854.D

Acq: 22 Mar 2018 16:20

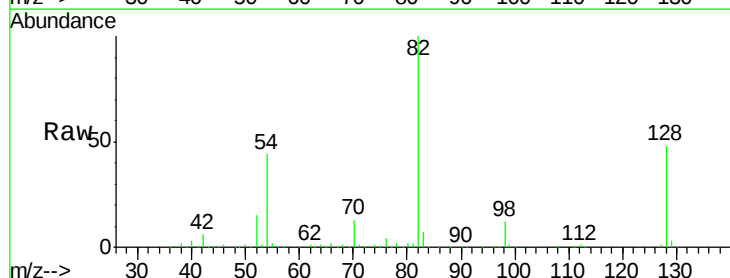
Tgt Ion: 82 Resp: 724518

Ion Ratio Lower Upper

82 100

128 47.6 36.1 54.1

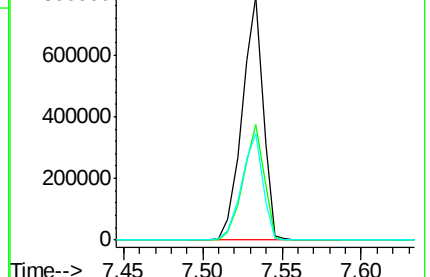
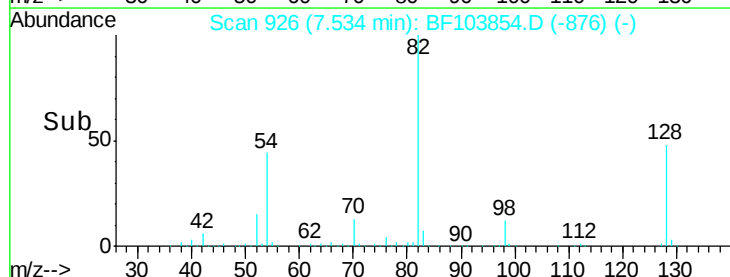
54 43.9 41.4 62.2

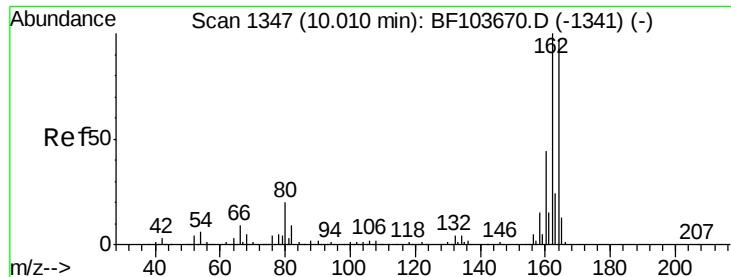


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

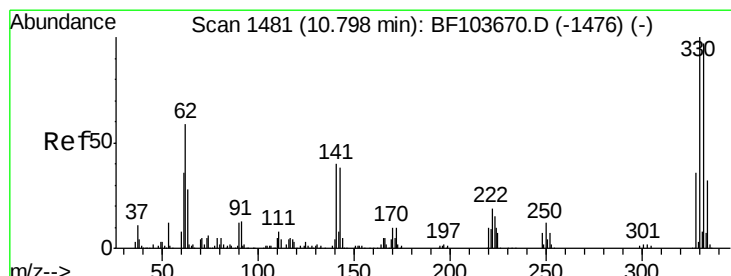
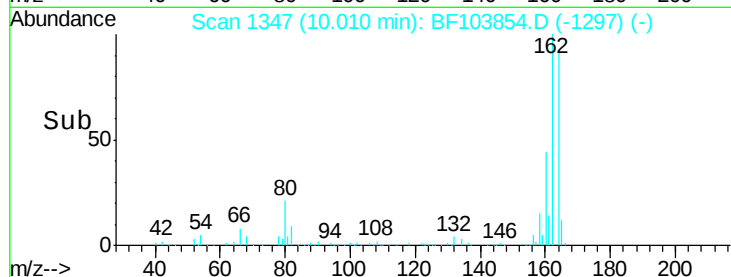
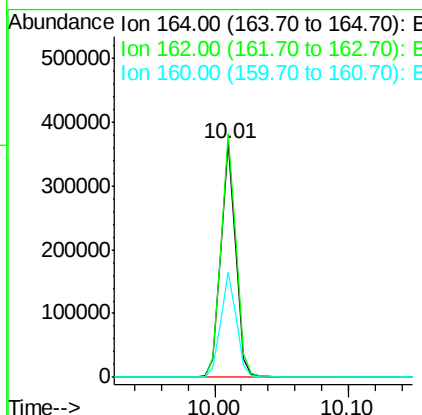
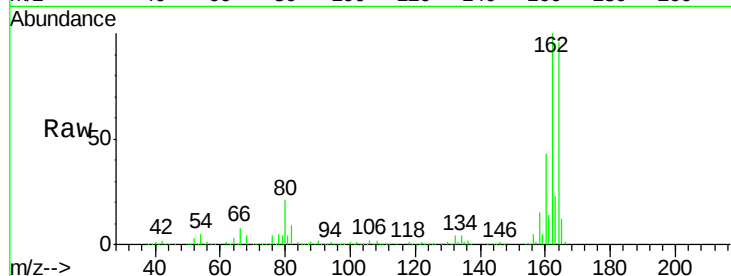




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF103854.D
Acq: 22 Mar 2018 16:20

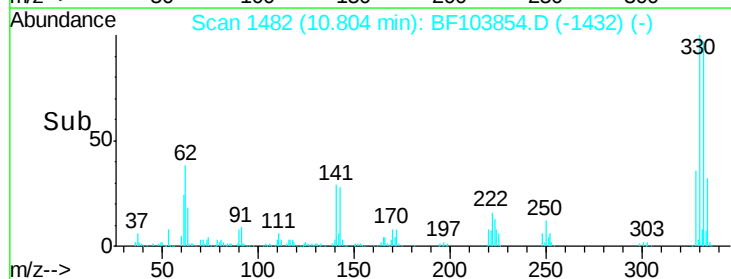
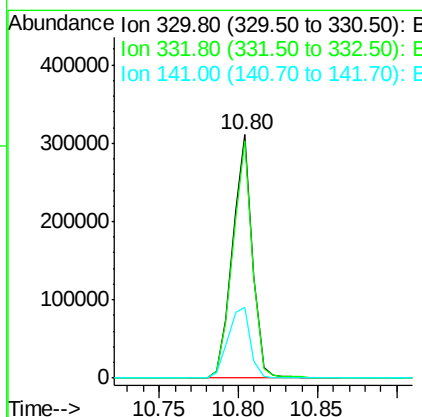
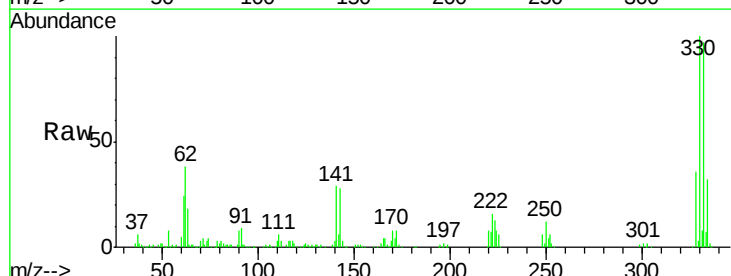
Instrument :
BNA_F
ClientSampleId :
DGA-TOP-LAYER-1-B

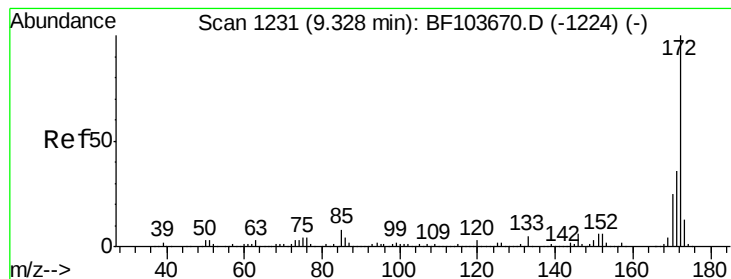
Tgt Ion:164 Resp: 294037
Ion Ratio Lower Upper
164 100
162 103.8 86.1 129.1
160 45.1 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 106.483 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF103854.D
Acq: 22 Mar 2018 16:20

Tgt Ion:330 Resp: 269204
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 33.3 29.9 44.9





#44

2-Fluorobiphenyl

Concen: 67.152 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF103854.D

Acq: 22 Mar 2018 16:20

Instrument :

BNA_F

ClientSampleId :

DGA-TOP-LAYER-1-B

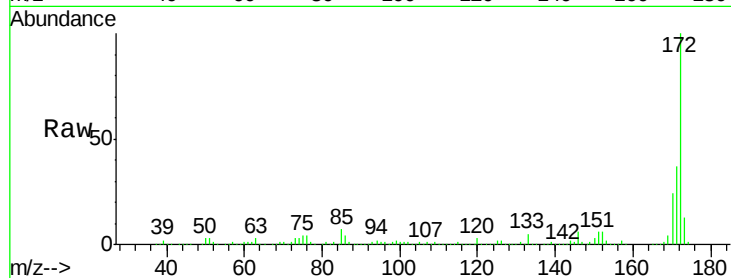
Tgt Ion:172 Resp: 1237818

Ion Ratio Lower Upper

172 100

171 36.7 29.7 44.5

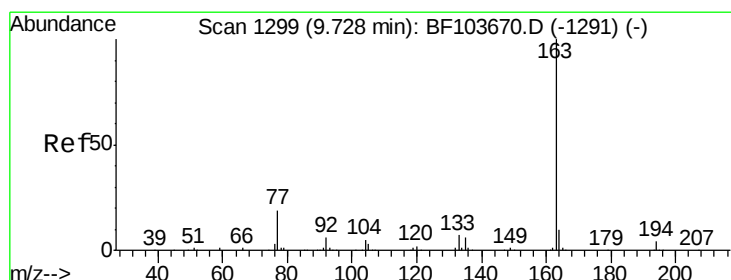
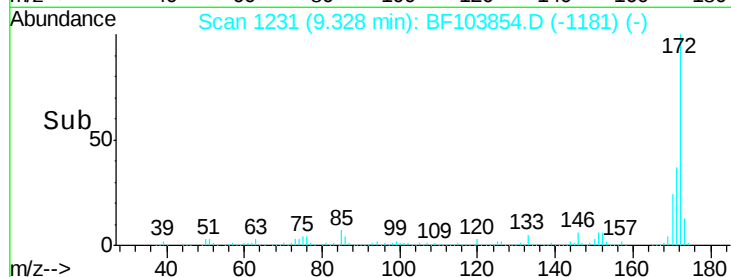
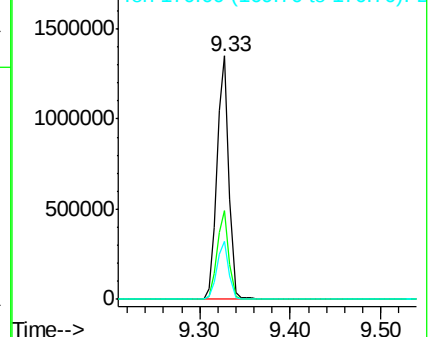
170 24.1 19.6 29.4



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: 6.699 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF103854.D

Acq: 22 Mar 2018 16:20

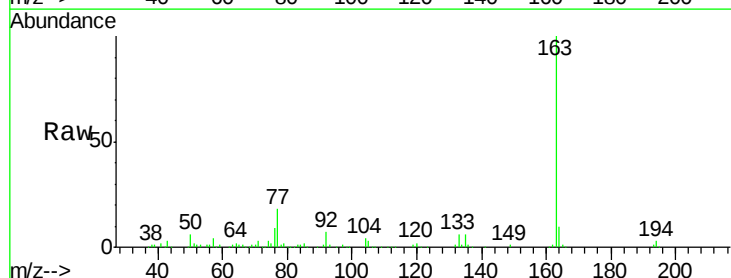
Tgt Ion:163 Resp: 150273

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

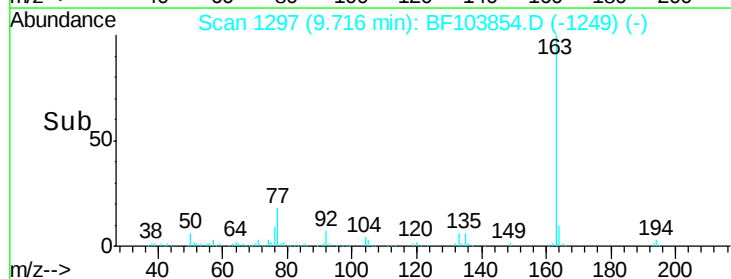
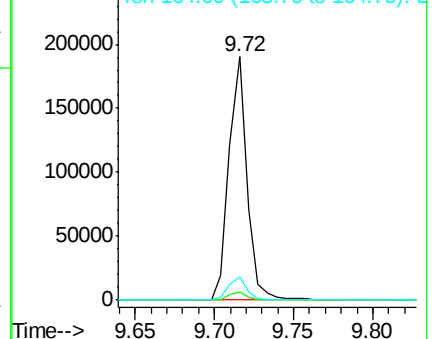
164 9.9 8.2 12.2

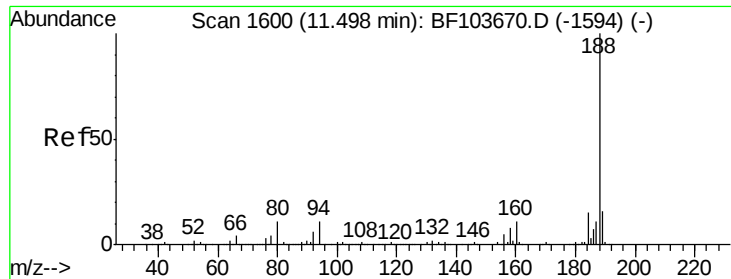


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

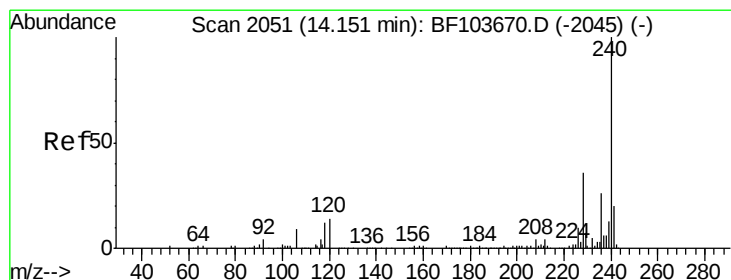
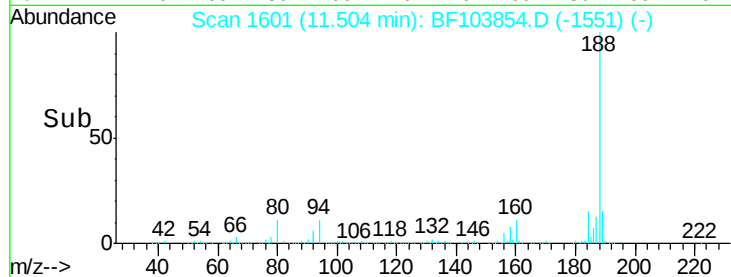
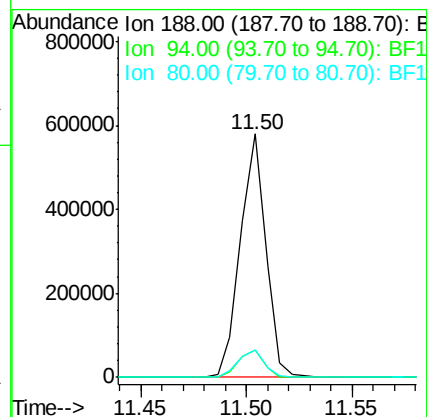
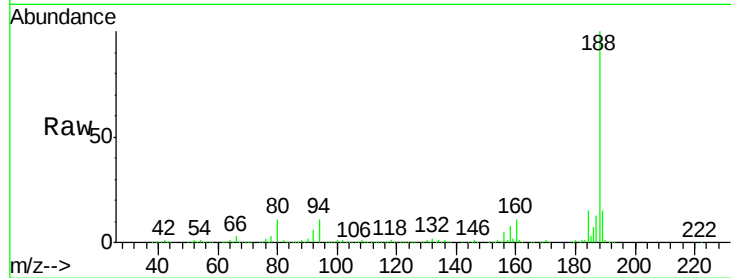




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF103854.D
Acq: 22 Mar 2018 16:20

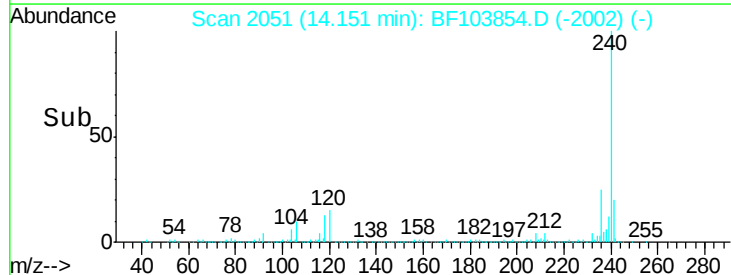
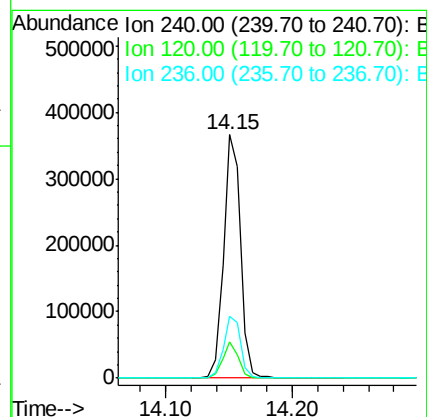
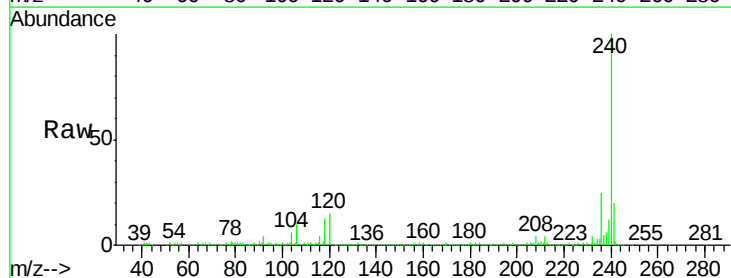
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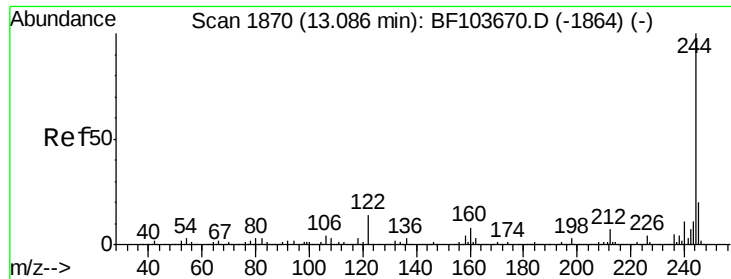
Tgt Ion:188 Resp: 481853
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF103854.D
Acq: 22 Mar 2018 16:20

Tgt Ion:240 Resp: 343282
Ion Ratio Lower Upper
240 100
120 15.0 9.5 14.3#
236 25.3 20.7 31.1

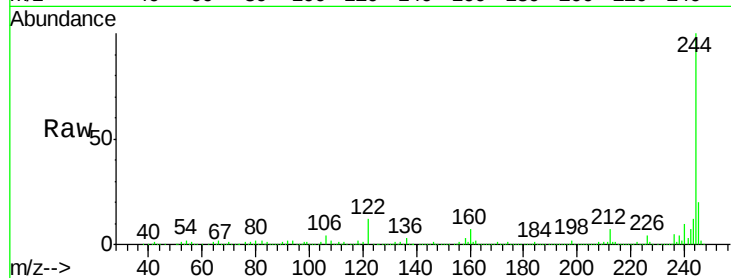




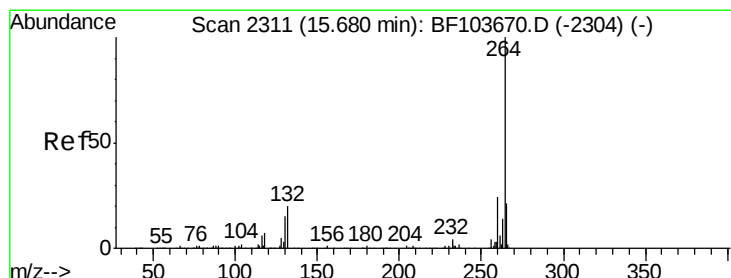
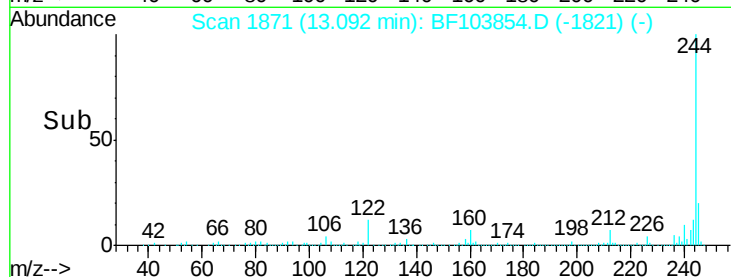
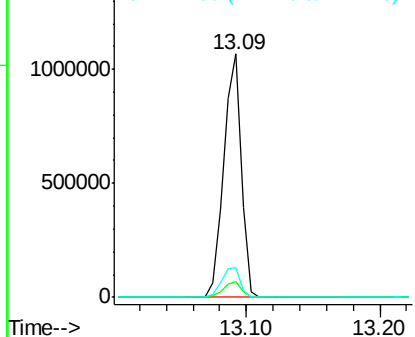
#78
 Terphenyl-d14
 Concen: 67.316 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF103854.D
 Acq: 22 Mar 2018 16:20

Instrument :
 BNA_F
 ClientSampleId :
 DGA-TOP-LAYER-1-B

Tgt Ion: 244 Resp: 995552
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 12.0 11.0 16.4

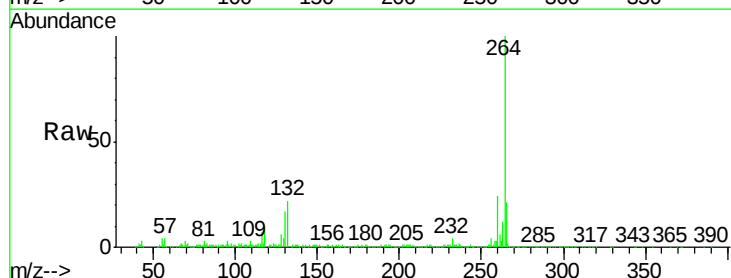


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. -0.01 min
 Lab File: BF103854.D
 Acq: 22 Mar 2018 16:20

Tgt Ion: 264 Resp: 330950
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.5 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

