

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032018\
 Data File : BF103831.D
 Acq On : 21 Mar 2018 5:09
 Operator : JU/SJ
 Sample : J1973-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

Quant Time: Mar 21 07:01:25 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

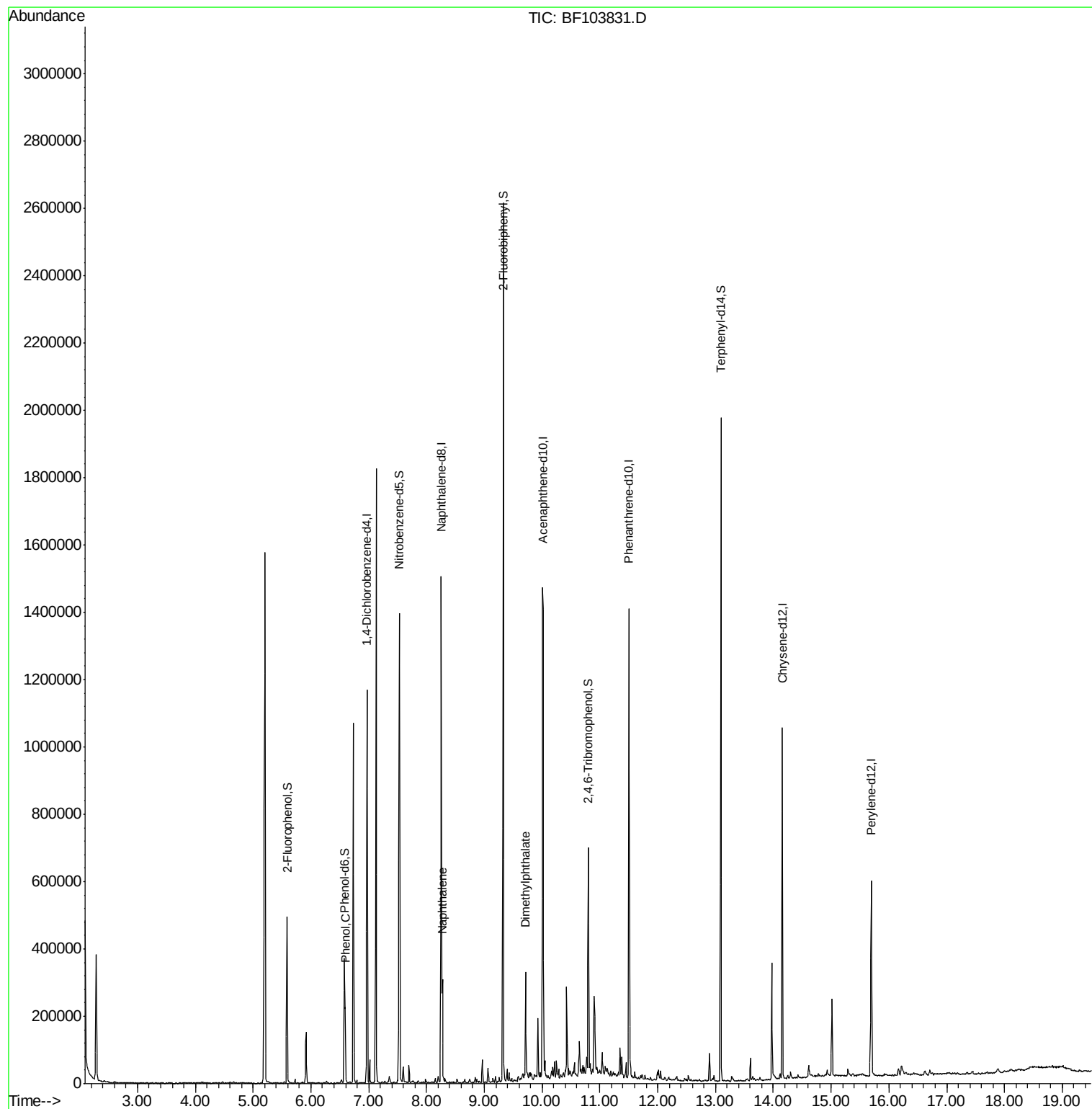
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	166431	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	664366	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	293298	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	464056	20.00	ng	0.00
75) Chrysene-d12	14.16	240	327313	20.00	ng	0.00
86) Perylene-d12	15.70	264	271336	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	147512	13.48	ng	0.00
7) Phenol-d6	6.58	99	116593	8.71	ng	0.00
23) Nitrobenzene-d5	7.53	82	463864	48.69	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	72598	28.79	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	801146	43.57	ng	0.00
78) Terphenyl-d14	13.09	244	637413	45.20	ng	0.00
Target Compounds						
10) Phenol	6.59	94	58799	4.133	ng	96
31) Naphthalene	8.27	128	110900	3.305	ng	98
49) Dimethylphthalate	9.72	163	92037	4.113	ng	100

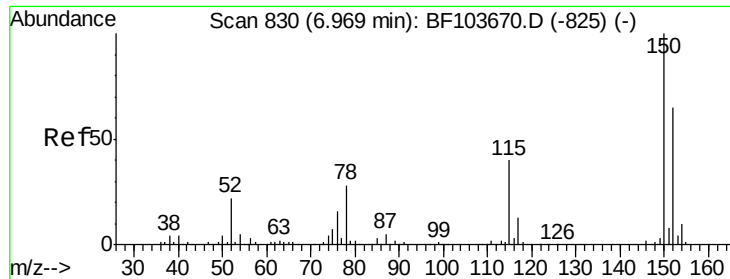
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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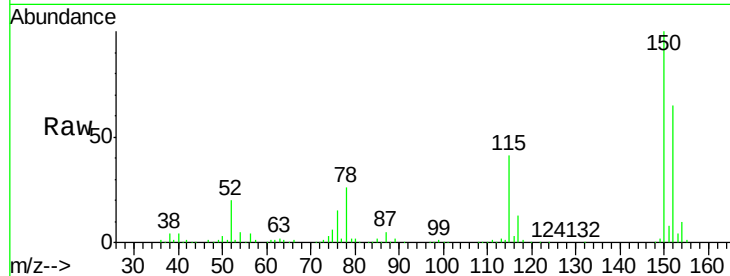


#1

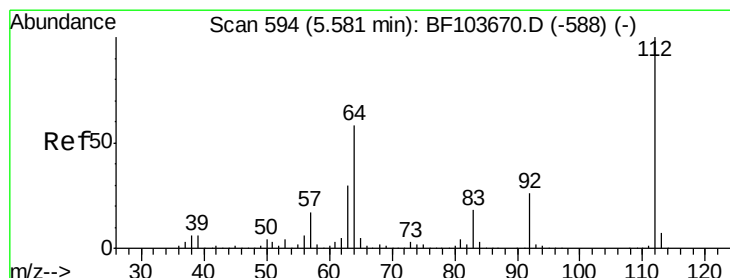
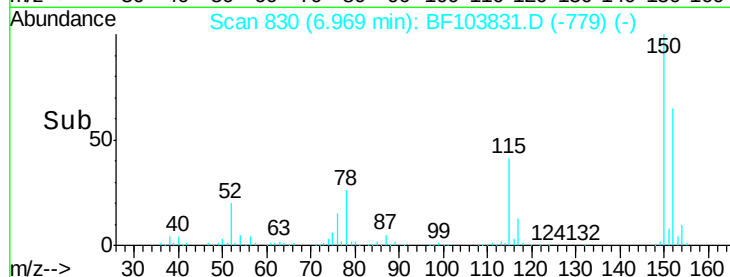
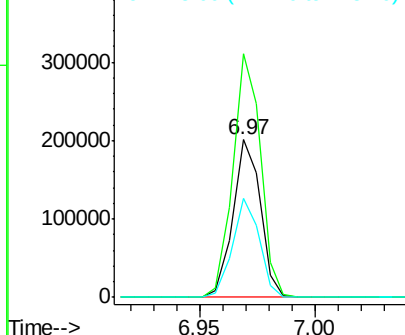
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103831.D
Acq: 21 Mar 2018 5:09

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tot Ion:152 Resp: 166431
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 62.8 50.1 75.1



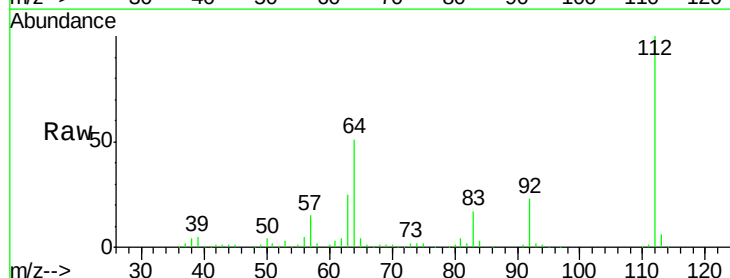
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



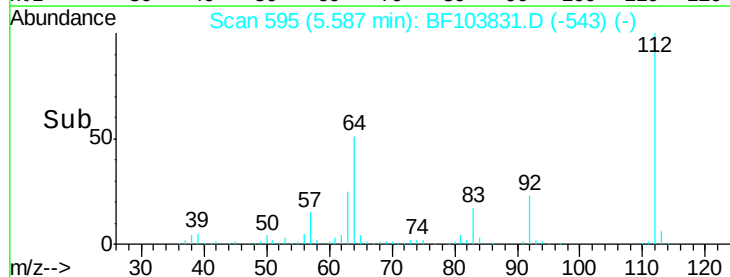
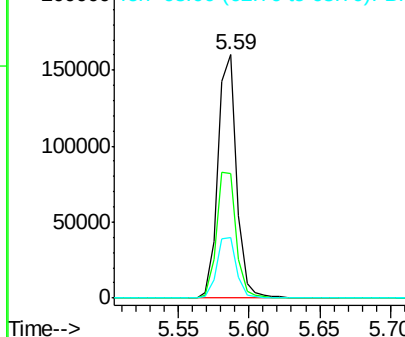
#5

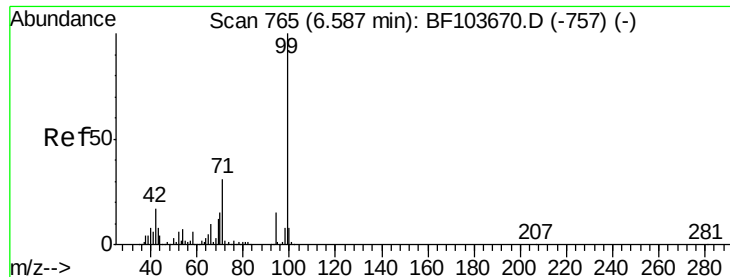
2-Fluorophenol
Concen: 13.481 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF103831.D
Acq: 21 Mar 2018 5:09

Tgt Ion:112 Resp: 147512
Ion Ratio Lower Upper
112 100
64 51.4 47.9 71.9
63 25.1 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: 8.709 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF103831.D

Acq: 21 Mar 2018 5:09

Instrument :

BNA_F

ClientSampleId :

COMP-3

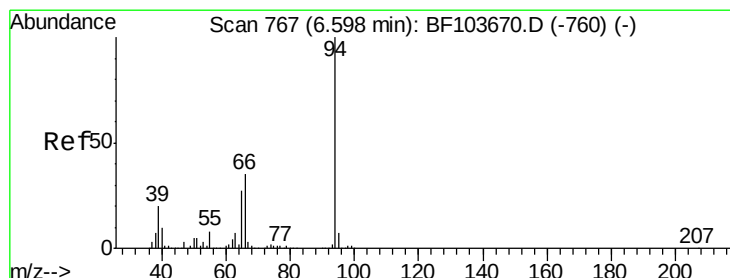
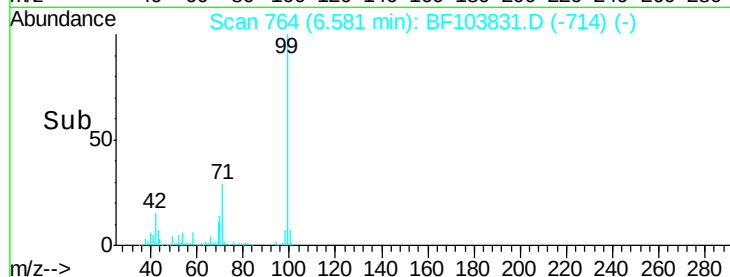
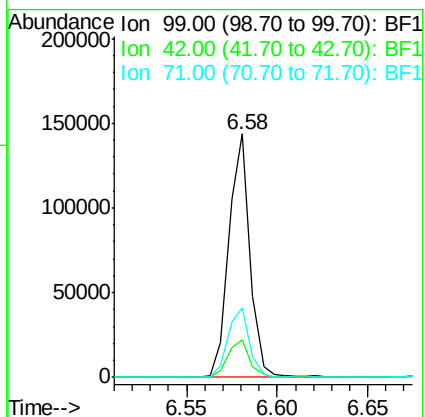
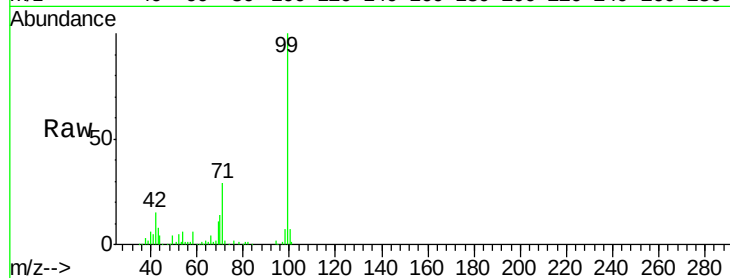
Tot Ion: 99 Resp: 116593

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

71 28.8 25.4 38.0



#10

Phenol

Concen: 4.133 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF103831.D

Acq: 21 Mar 2018 5:09

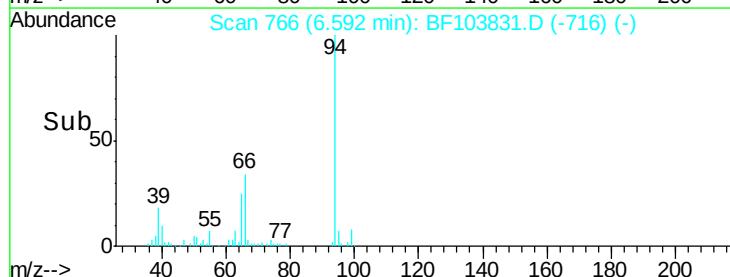
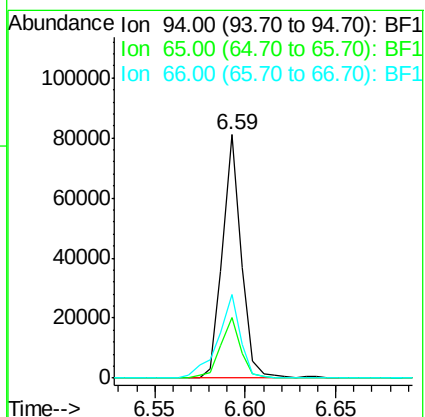
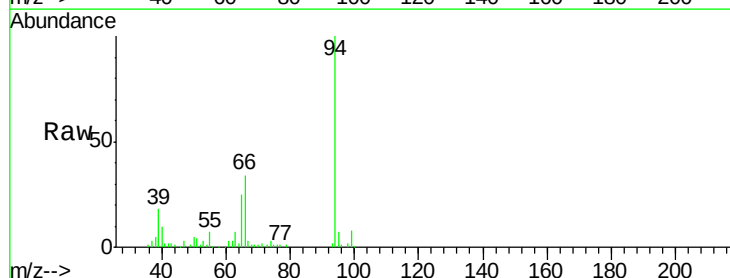
Tgt Ion: 94 Resp: 58799

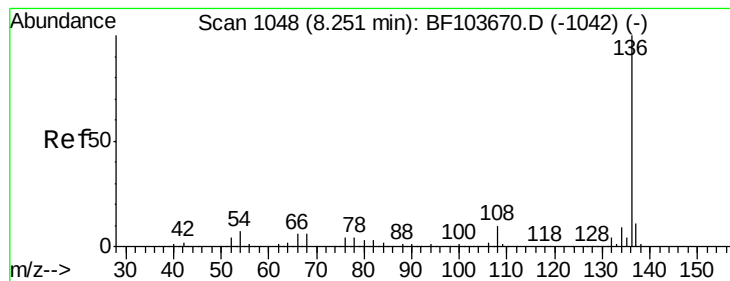
Ion Ratio Lower Upper

94 100

65 24.9 7.9 47.9

66 34.2 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF103831.D

Acq: 21 Mar 2018 5:09

Instrument :

BNA_F

ClientSampleId :

COMP-3

Tot Ion:136 Resp: 664366

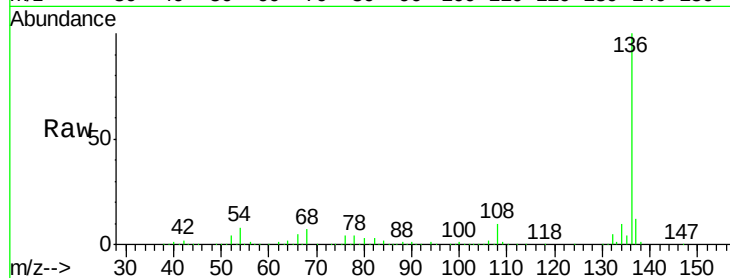
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 7.8 6.6 9.8

68 7.0 5.0 7.4

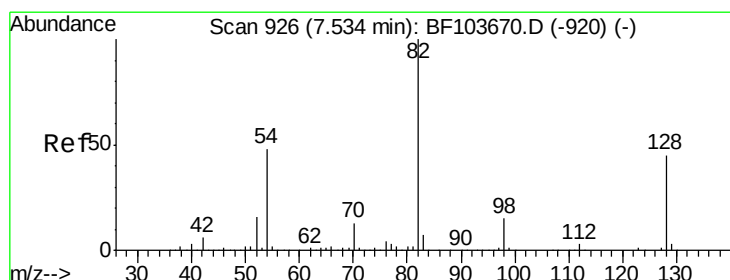
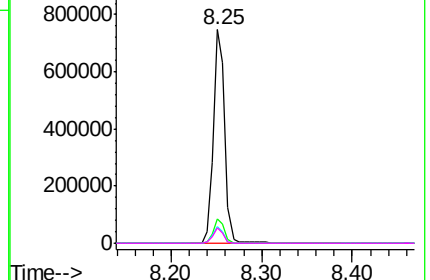
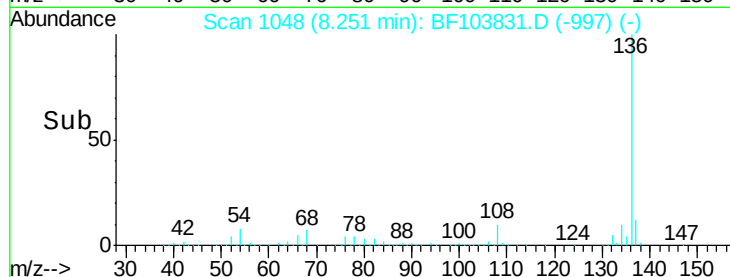


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.690 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF103831.D

Acq: 21 Mar 2018 5:09

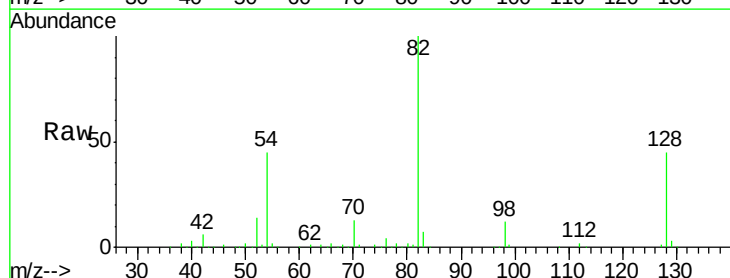
Tgt Ion: 82 Resp: 463864

Ion Ratio Lower Upper

82 100

128 44.7 36.1 54.1

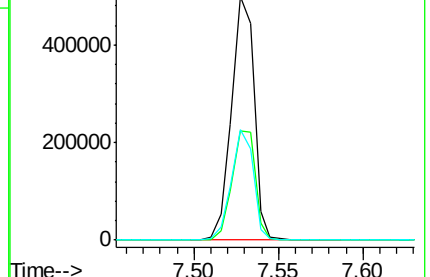
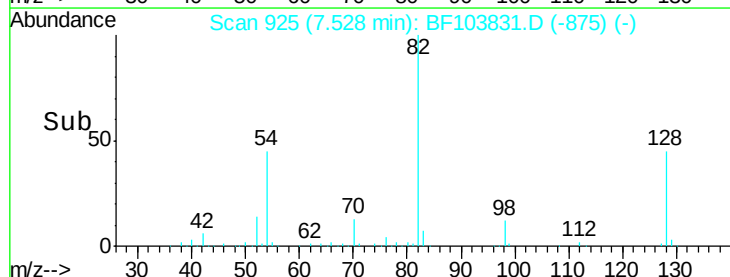
54 45.4 41.4 62.2

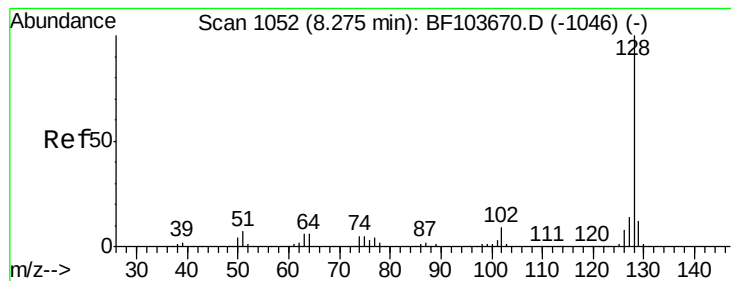


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#31

Naphthalene

Concen: 3.305 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.00 min

Lab File: BF103831.D

Acq: 21 Mar 2018 5:09

Instrument :

BNA_F

ClientSampleId :

COMP-3

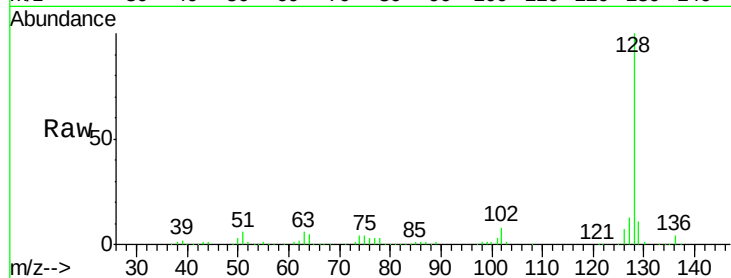
Tot Ion:128 Resp: 110900

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

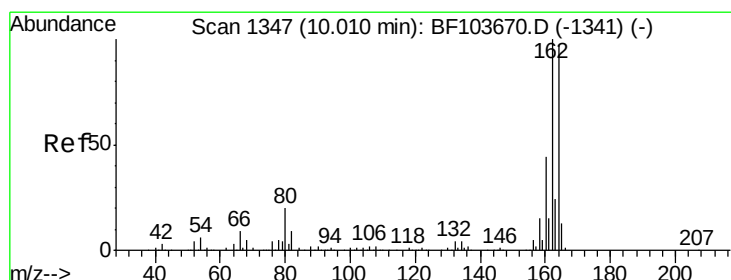
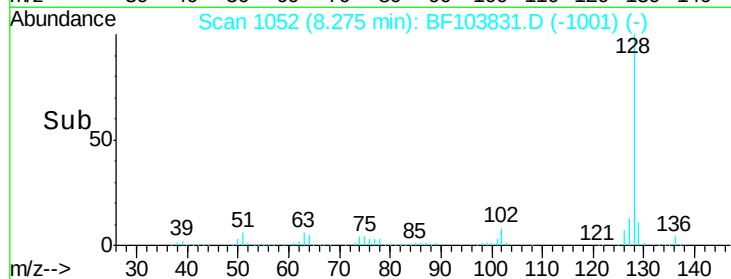
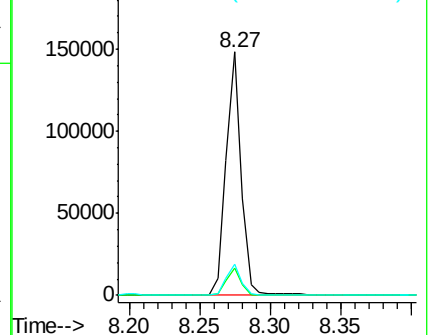
127 12.8 10.9 16.3



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BF103831.D

Acq: 21 Mar 2018 5:09

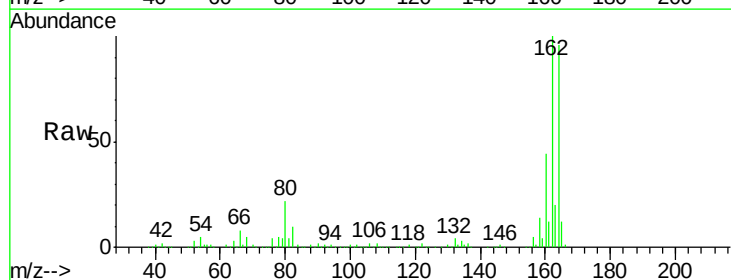
Tgt Ion:164 Resp: 293298

Ion Ratio Lower Upper

164 100

162 104.7 86.1 129.1

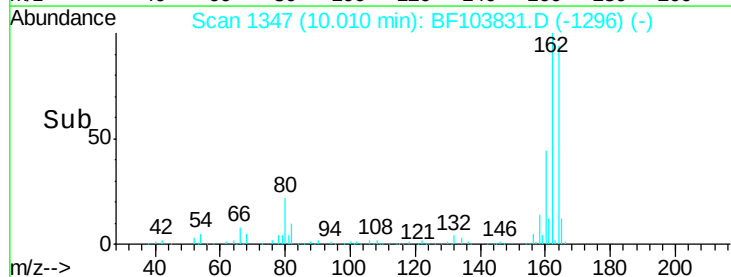
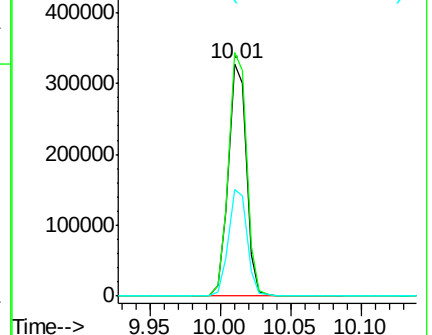
160 45.7 38.3 57.5

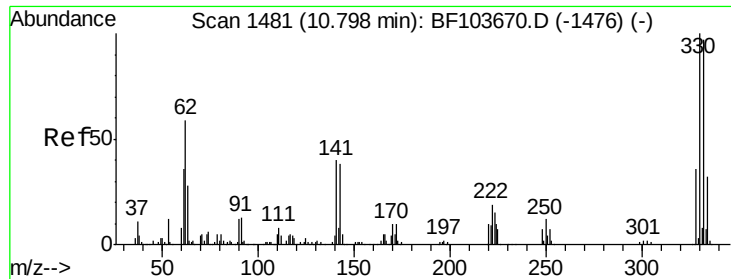


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

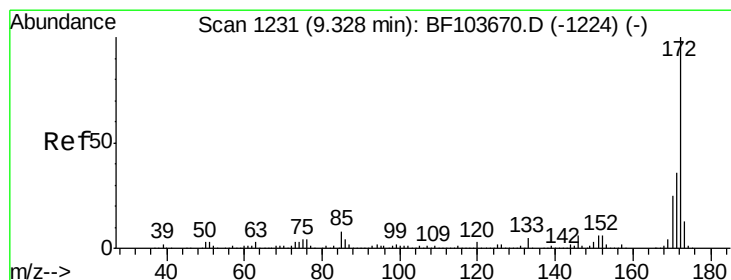
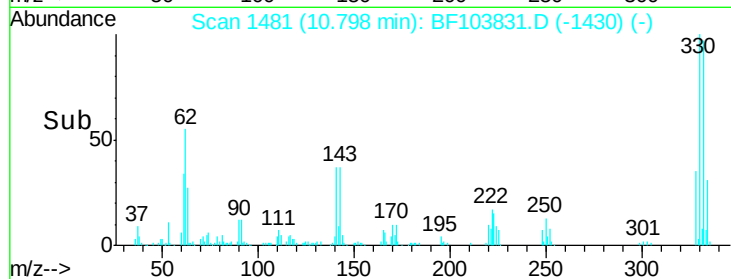
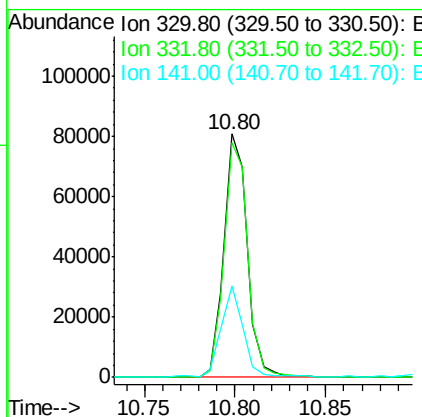
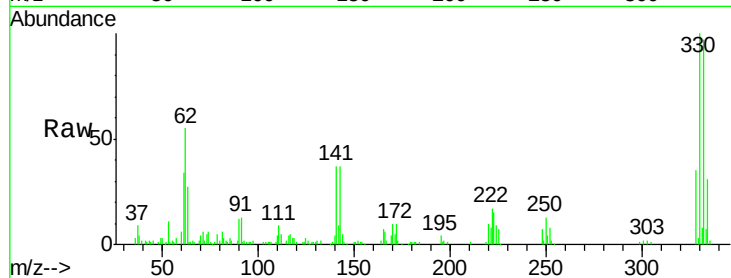




#41
 2,4,6-Tribromophenol
 Concen: 28.788 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF103831.D
 Acq: 21 Mar 2018 5:09

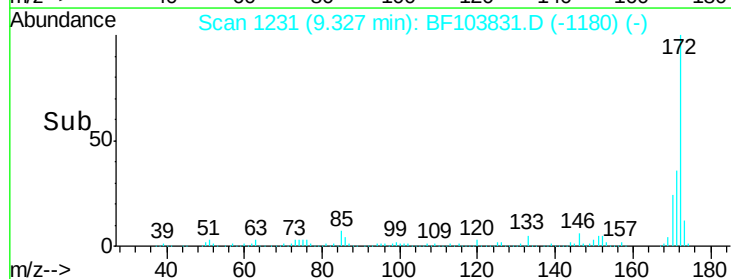
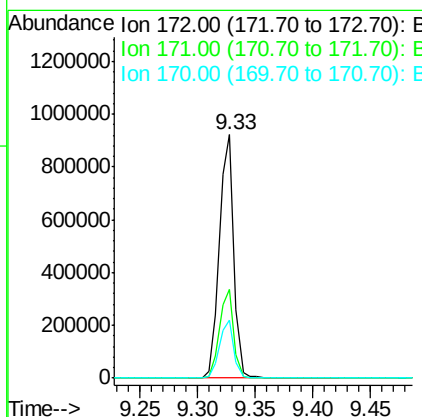
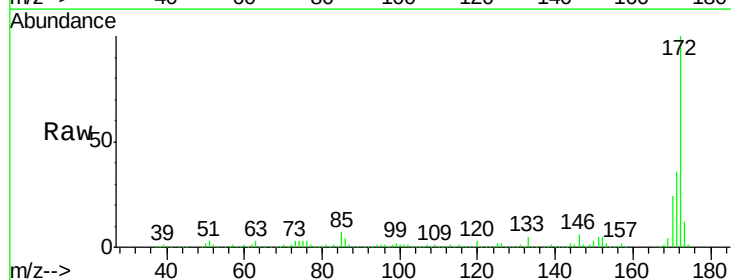
Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

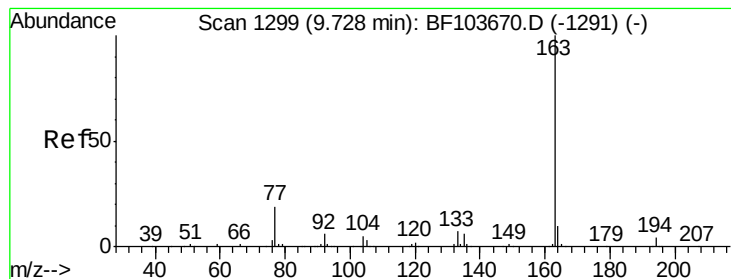
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	36.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 43.572 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103831.D
 Acq: 21 Mar 2018 5:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.0	19.6	29.4





#49

Dimethylphthalate

Concen: 4.113 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF103831.D

Acq: 21 Mar 2018 5:09

Instrument :

BNA_F

ClientSampleId :

COMP-3

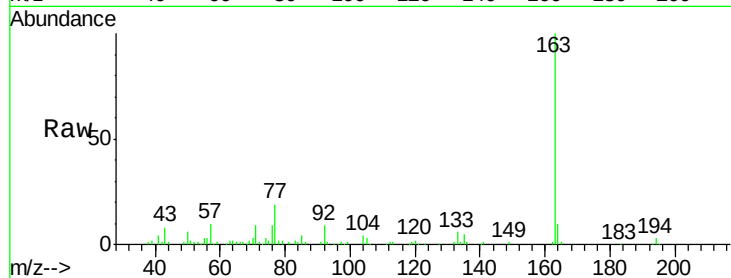
Tot Ion:163 Resp: 92037

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

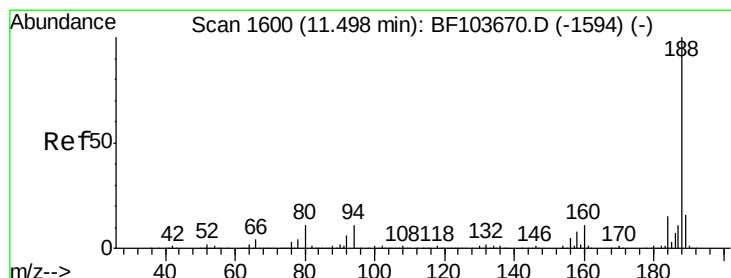
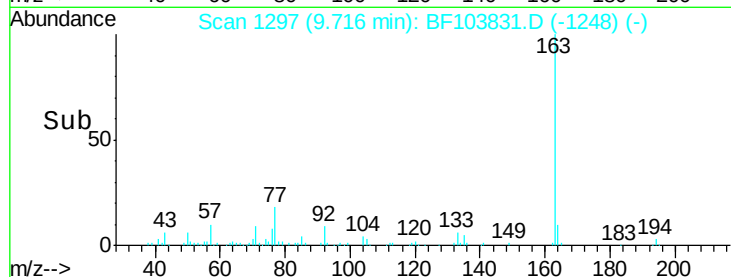
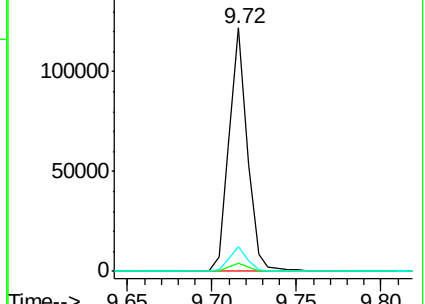
164 10.3 8.2 12.2



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: BF103831.D

Acq: 21 Mar 2018 5:09

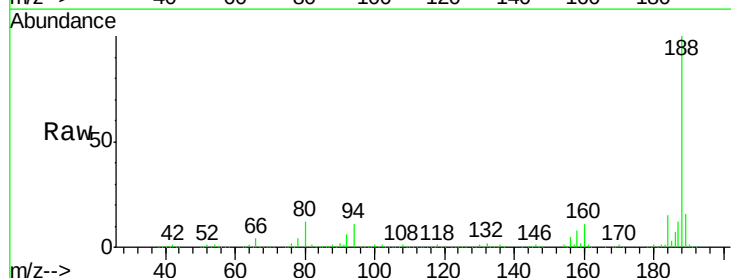
Tgt Ion:188 Resp: 464056

Ion Ratio Lower Upper

188 100

94 11.4 8.5 12.7

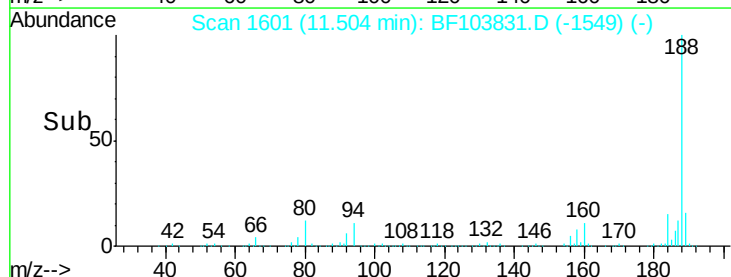
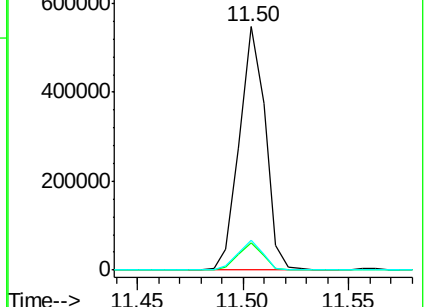
80 12.4 9.2 13.8

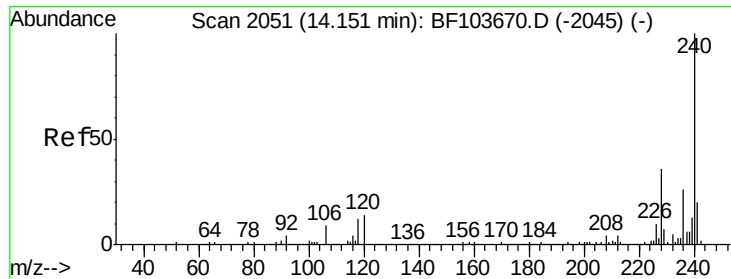


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

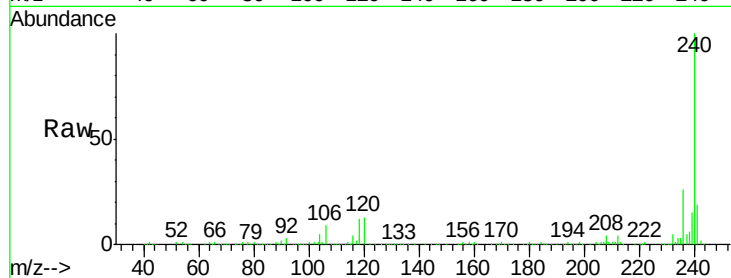




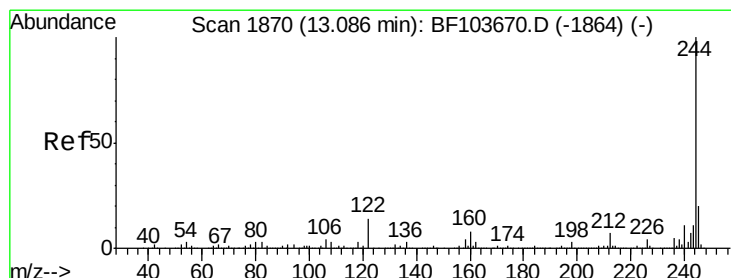
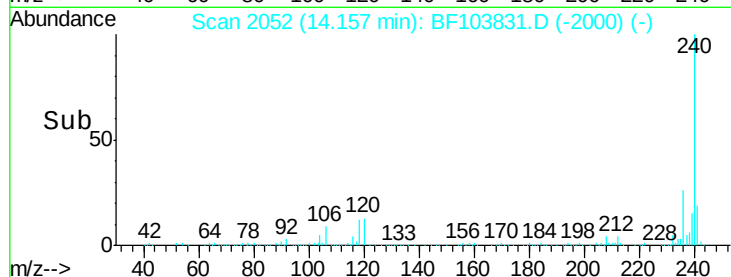
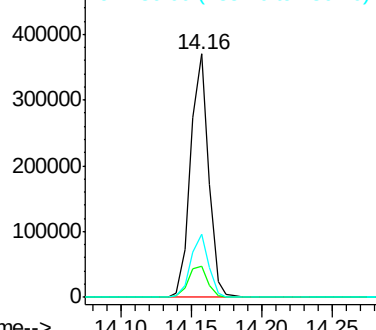
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BF103831.D
Acq: 21 Mar 2018 5:09

Instrument :
BNA_F
ClientSampleID :
COMP-3

Tot Ion:240 Resp: 327313
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 26.1 20.7 31.1

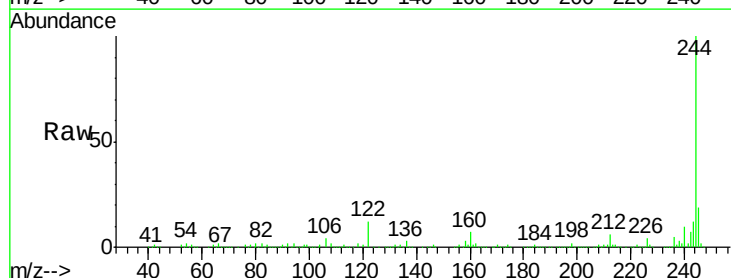


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

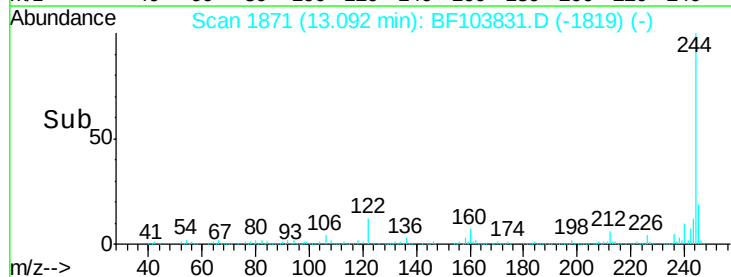
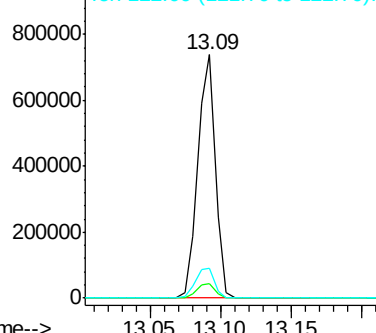


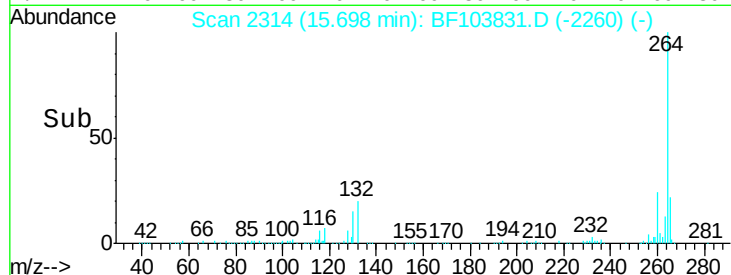
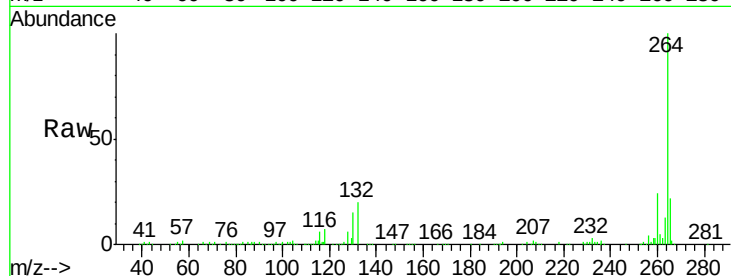
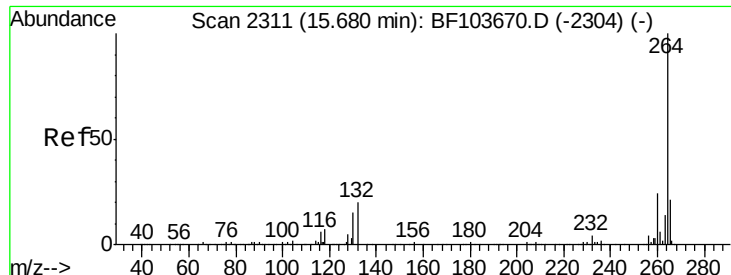
#78
Terphenyl-d14
Concen: 45.202 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BF103831.D
Acq: 21 Mar 2018 5:09

Tgt Ion:244 Resp: 637413
Ion Ratio Lower Upper
244 100
212 6.2 5.4 8.0
122 12.2 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: 15.70 min Scan# 2314
Delta R.T. 0.02 min
Lab File: BF103831.D
Acq: 21 Mar 2018 5:09

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tot Ion:	264	Resp:	271336
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.0	17.5	26.3

