

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032018\
 Data File : BF103829.D
 Acq On : 21 Mar 2018 4:17
 Operator : JU/SJ
 Sample : J1973-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Quant Time: Mar 21 06:57:59 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

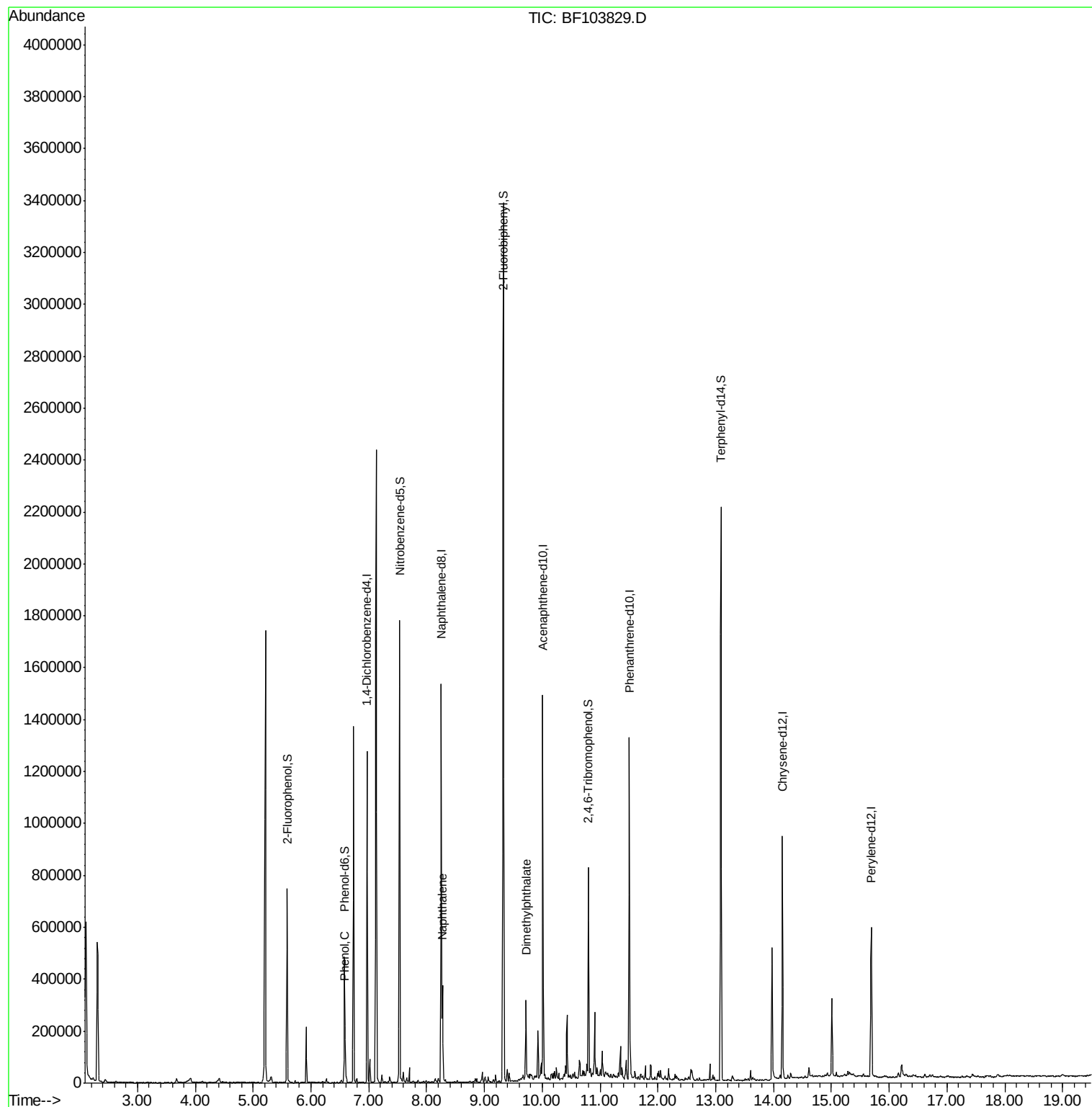
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	176492	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	682994	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	289903	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	439416	20.00	ng	0.00
75) Chrysene-d12	14.16	240	306933	20.00	ng	0.00
86) Perylene-d12	15.69	264	253431	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	199052	17.15	ng	0.00
7) Phenol-d6	6.58	99	156853	11.05	ng	0.00
23) Nitrobenzene-d5	7.53	82	597028	60.96	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	87839	35.24	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1017771	56.00	ng	0.00
78) Terphenyl-d14	13.09	244	695153	52.57	ng	0.00
Target Compounds						
10) Phenol	6.59	94	41691	2.764	ng	93
31) Naphthalene	8.27	128	142767	4.138	ng	98
49) Dimethylphthalate	9.72	163	99680	4.507	ng	99

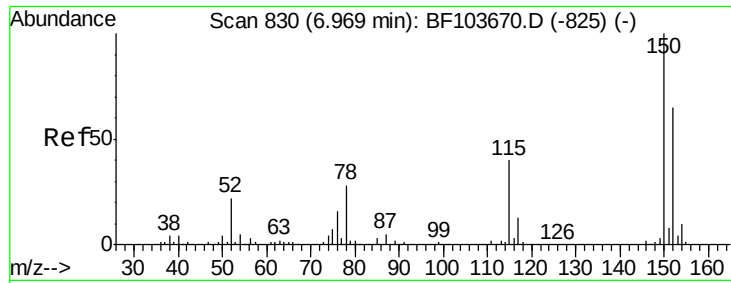
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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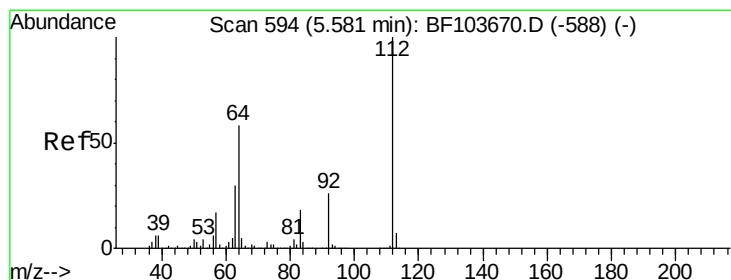
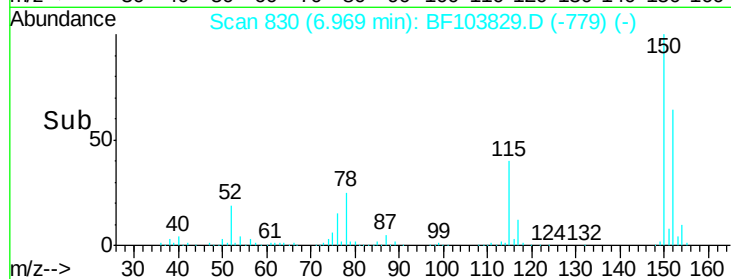
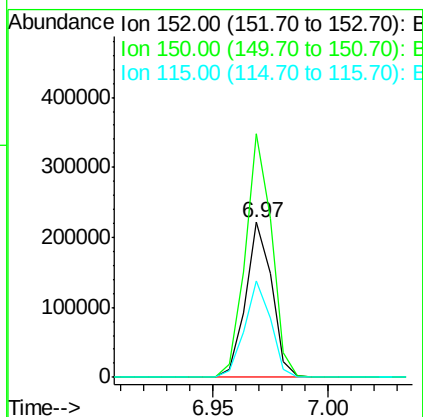
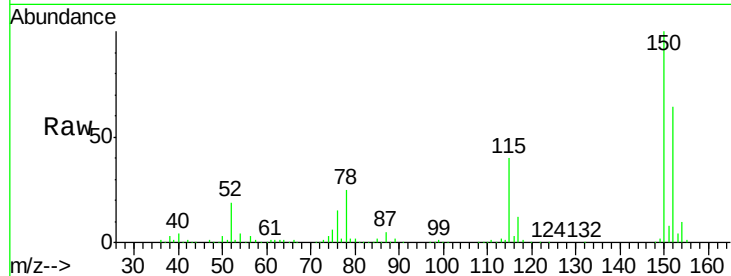


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF103829.D
 Acq: 21 Mar 2018 4:17

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

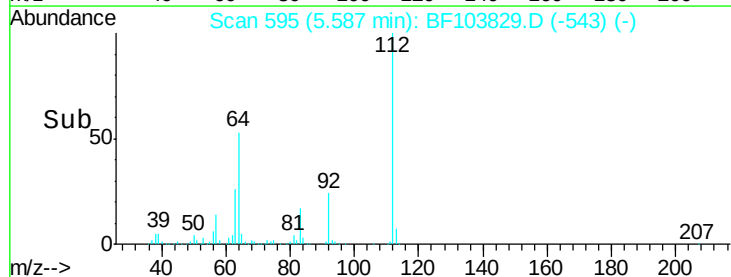
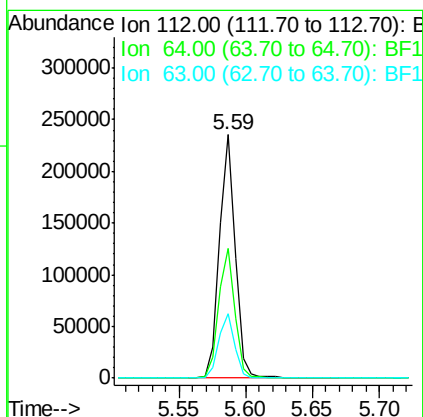
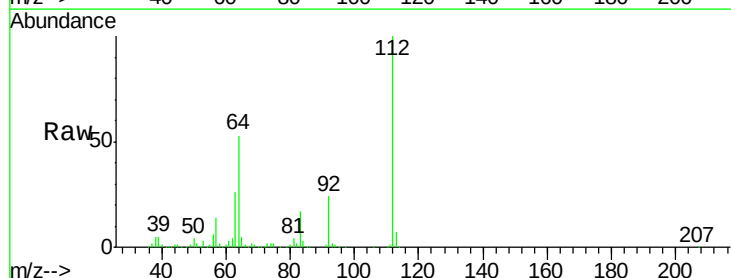
Tot Ion:152 Resp: 176492
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.6 186.8
 115 62.4 50.1 75.1

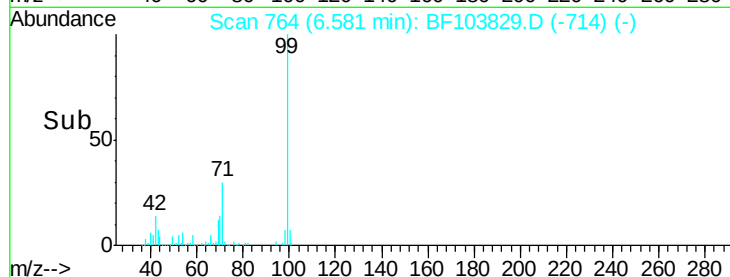
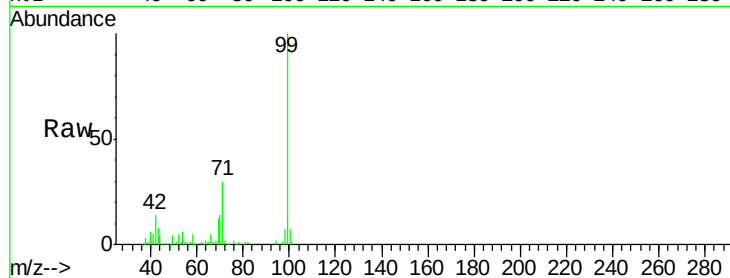
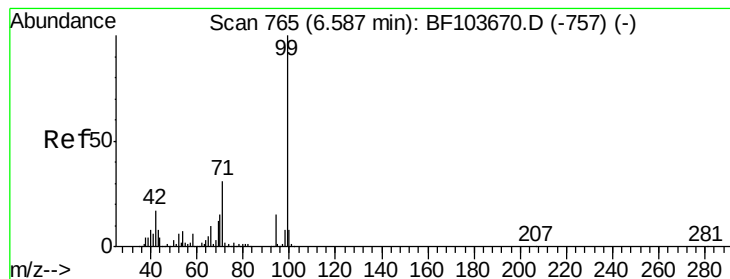


#5

2-Fluorophenol
 Concen: 17.154 ng
 RT: 5.59 min Scan# 595
 Delta R.T. 0.01 min
 Lab File: BF103829.D
 Acq: 21 Mar 2018 4:17

Tgt Ion:112 Resp: 199052
 Ion Ratio Lower Upper
 112 100
 64 53.2 47.9 71.9
 63 26.3 23.7 35.5





#7

Phenol-d6

Concen: 11.049 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF103829.D

Acq: 21 Mar 2018 4:17

Instrument :

BNA_F

ClientSampleId :

COMP-1

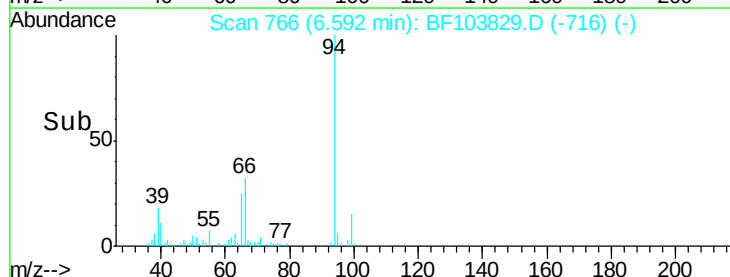
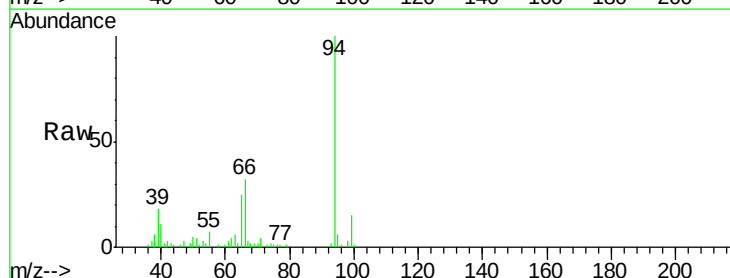
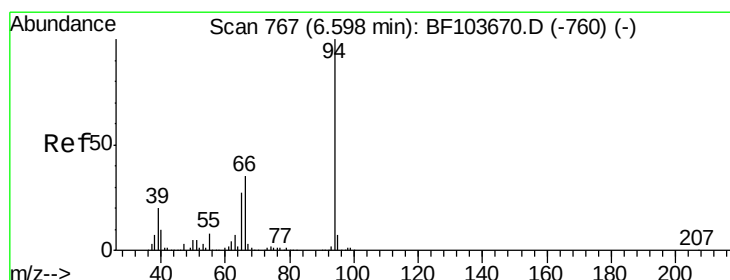
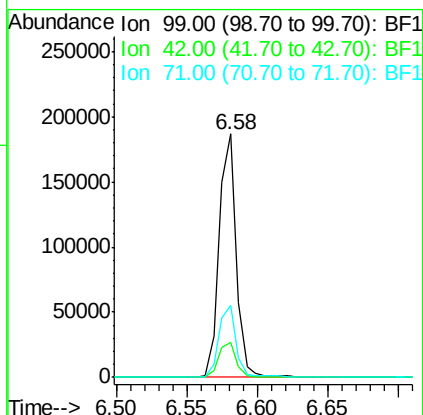
Tot Ion: 99 Resp: 156853

Ion Ratio Lower Upper

99 100

42 14.4 14.5 21.7#

71 29.5 25.4 38.0



#10

Phenol

Concen: 2.764 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF103829.D

Acq: 21 Mar 2018 4:17

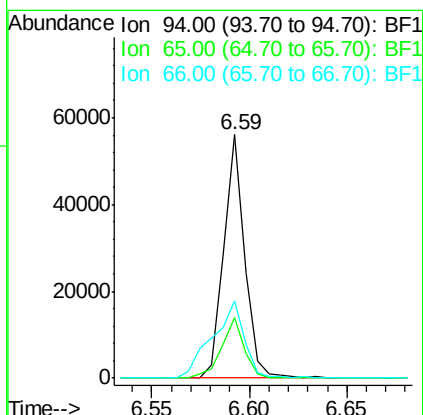
Tgt Ion: 94 Resp: 41691

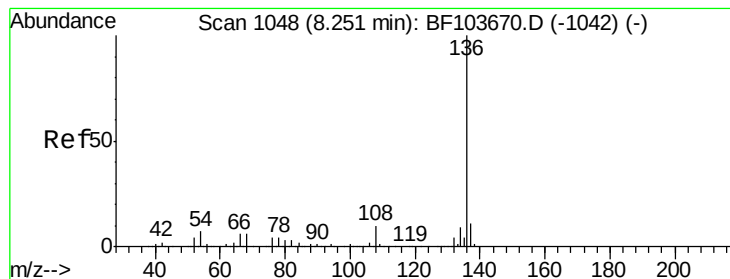
Ion Ratio Lower Upper

94 100

65 24.9 7.9 47.9

66 31.6 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: BF103829.D

Acq: 21 Mar 2018 4:17

Instrument :

BNA_F

ClientSampleId :

COMP-1

Tot Ion:136 Resp: 682994

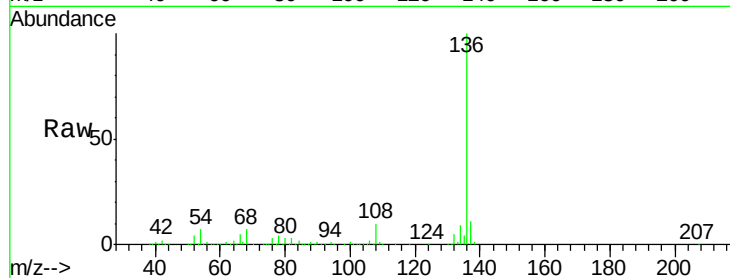
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.4 6.6 9.8

68 6.5 5.0 7.4

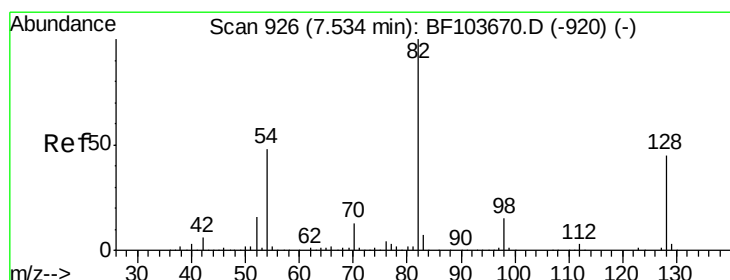
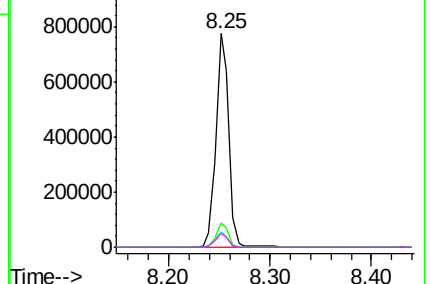
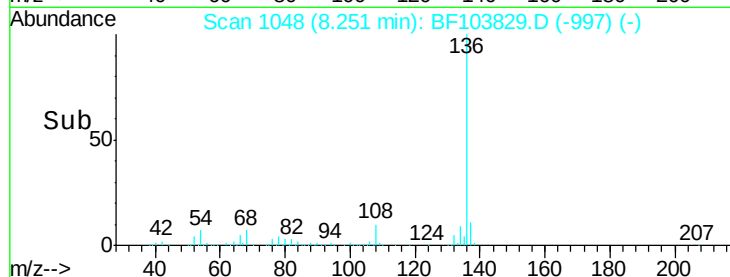


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.958 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF103829.D

Acq: 21 Mar 2018 4:17

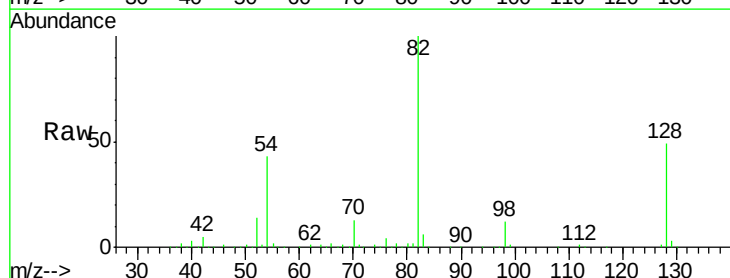
Tgt Ion: 82 Resp: 597028

Ion Ratio Lower Upper

82 100

128 49.0 36.1 54.1

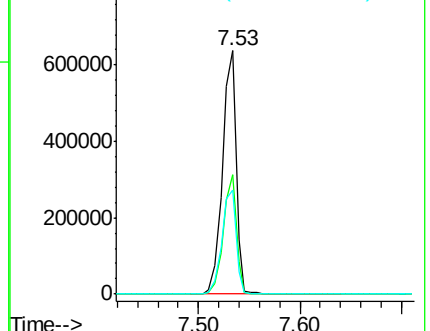
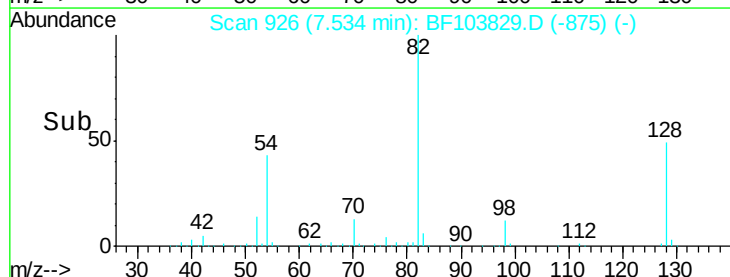
54 42.6 41.4 62.2

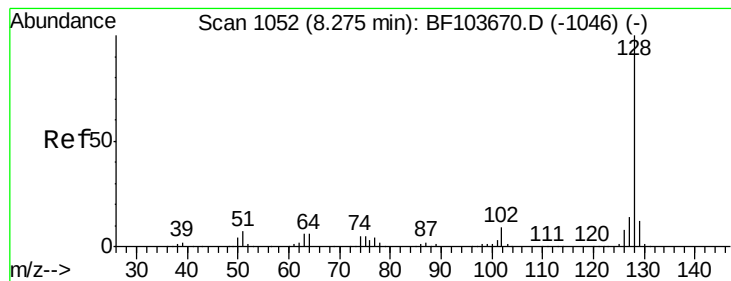


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#31

Naphthalene

Concen: 4.138 ng

RT: 8.27 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BF103829.D

Acq: 21 Mar 2018 4:17

Instrument :

BNA_F

ClientSampled :

COMP-1

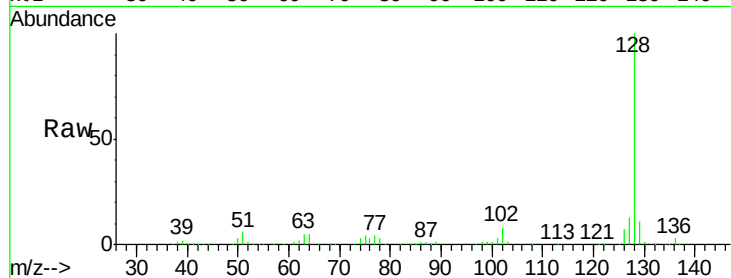
Tot Ion:128 Resp: 142767

Ion Ratio Lower Upper

128 100

129 10.6 8.8 13.2

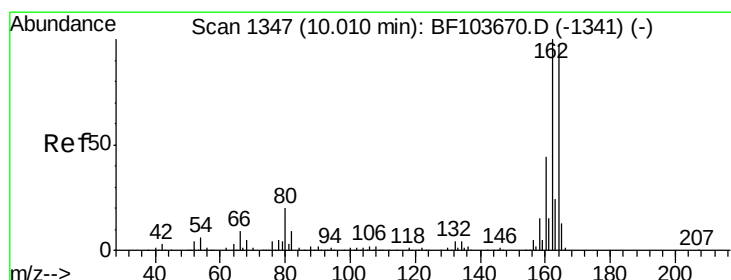
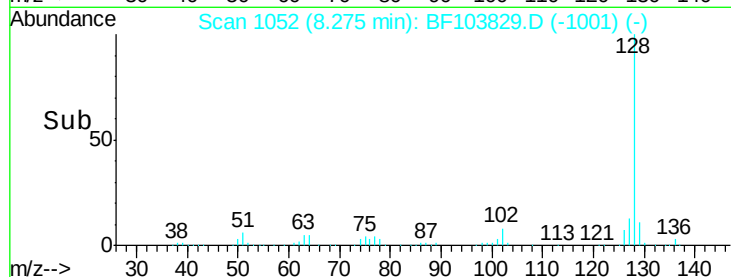
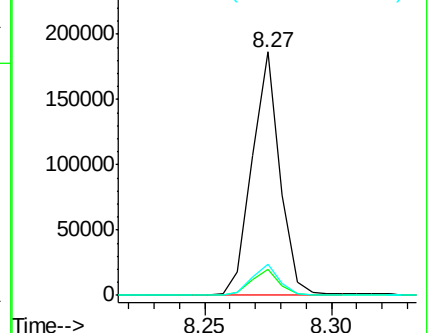
127 12.8 10.9 16.3



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: BF103829.D

Acq: 21 Mar 2018 4:17

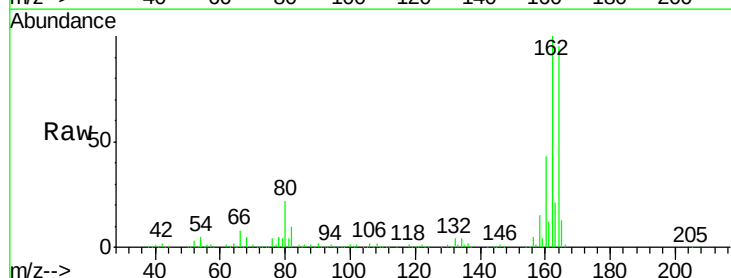
Tgt Ion:164 Resp: 289903

Ion Ratio Lower Upper

164 100

162 104.7 86.1 129.1

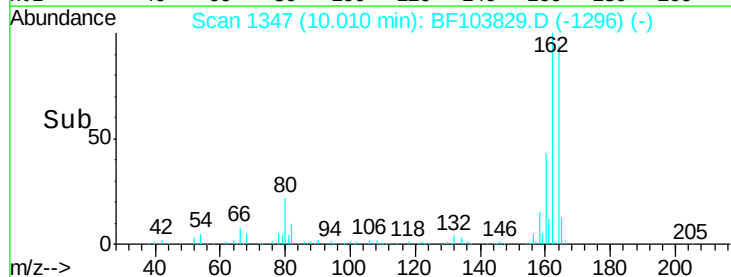
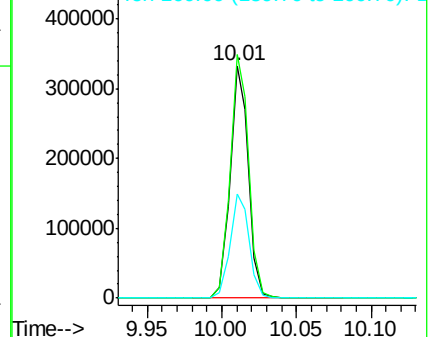
160 44.8 38.3 57.5

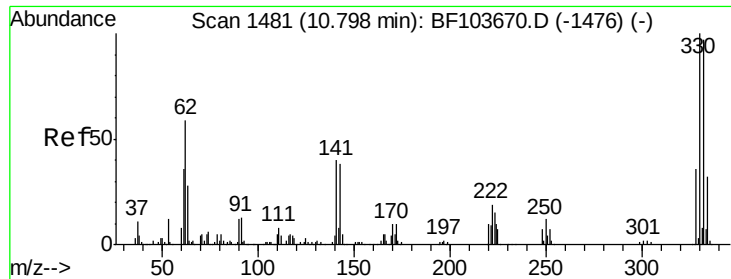


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

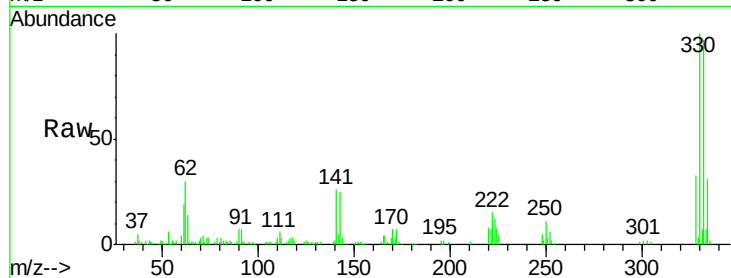




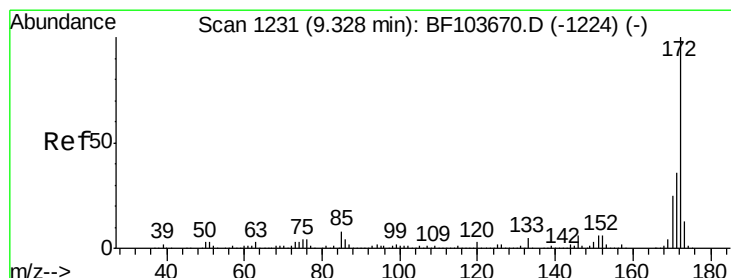
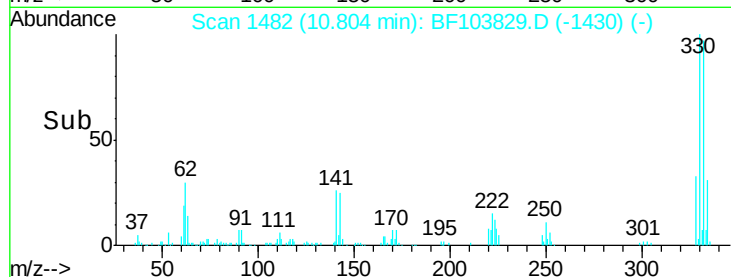
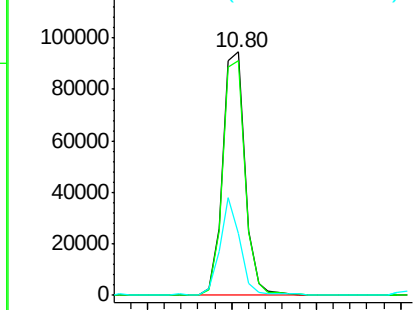
#41
 2,4,6-Tribromophenol
 Concen: 35.240 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF103829.D
 Acq: 21 Mar 2018 4:17

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Tot Ion:330 Resp: 87839
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 36.8 29.9 44.9

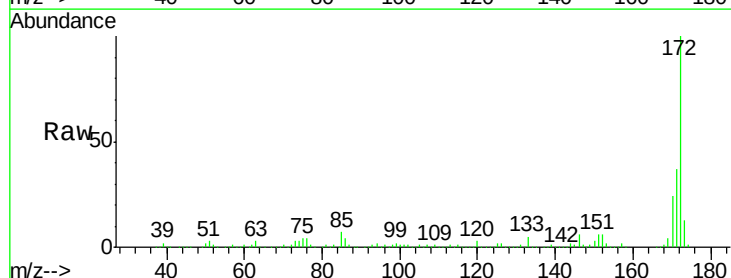


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

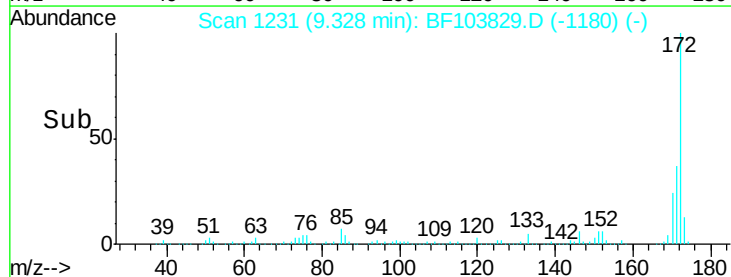
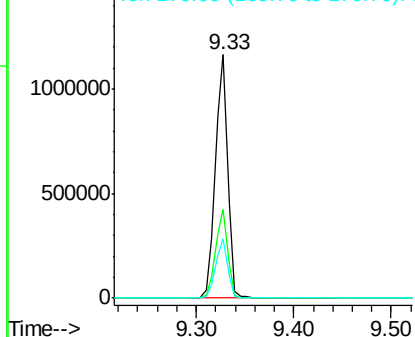


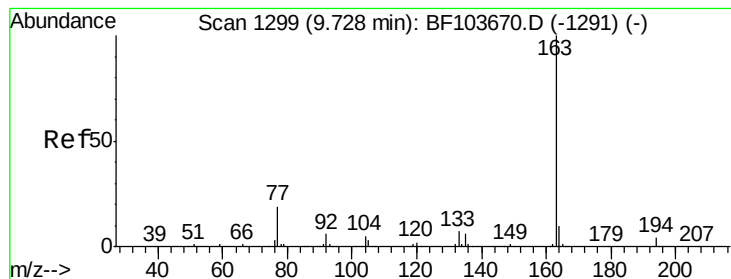
#44
 2-Fluorobiphenyl
 Concen: 56.001 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103829.D
 Acq: 21 Mar 2018 4:17

Tgt Ion:172 Resp: 1017771
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.3 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: 4.507 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF103829.D

Acq: 21 Mar 2018 4:17

Instrument :

BNA_F

ClientSampleId :

COMP-1

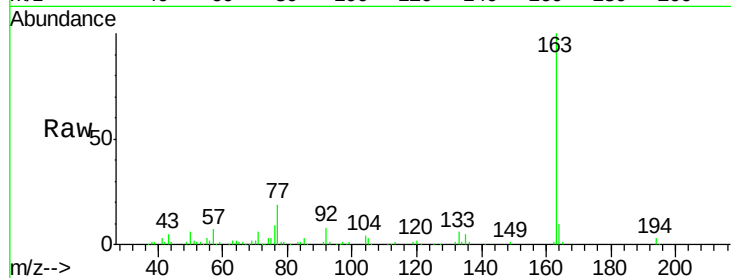
Tot Ion:163 Resp: 99680

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

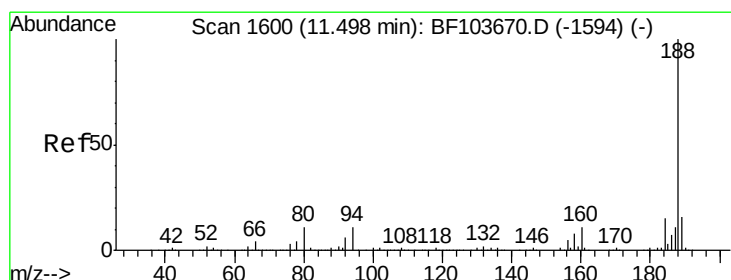
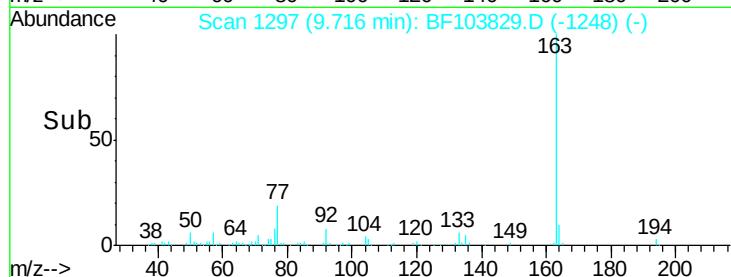
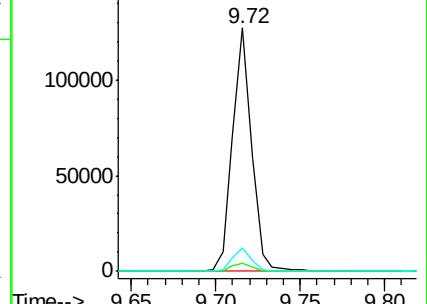
164 9.9 8.2 12.2



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: BF103829.D

Acq: 21 Mar 2018 4:17

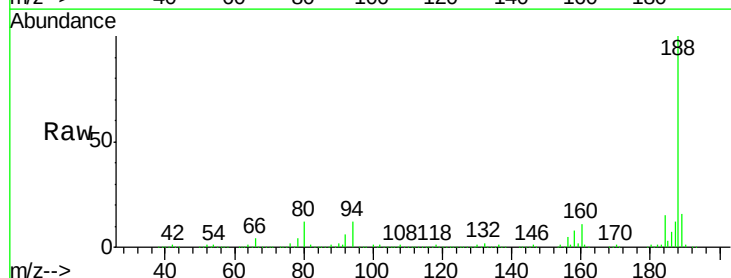
Tgt Ion:188 Resp: 439416

Ion Ratio Lower Upper

188 100

94 11.5 8.5 12.7

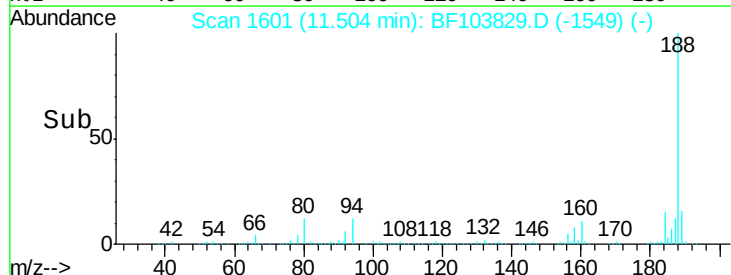
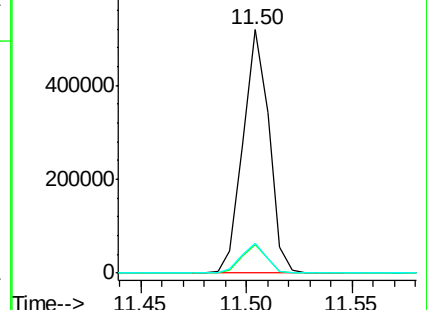
80 12.0 9.2 13.8

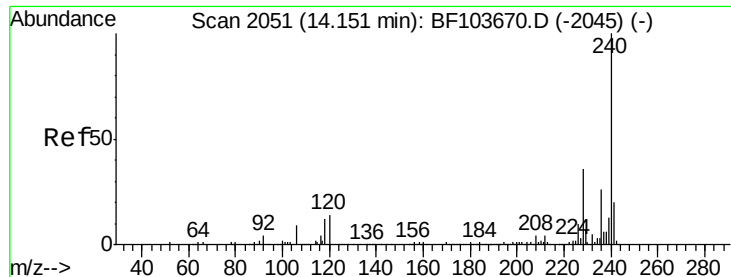


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF103829.D

Acq: 21 Mar 2018 4:17

Instrument :

BNA_F

ClientSampleId :

COMP-1

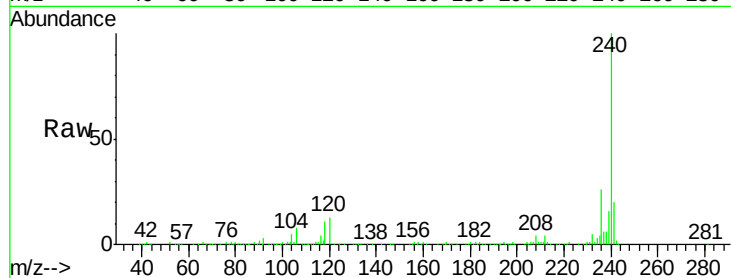
Tot Ion:240 Resp: 306933

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

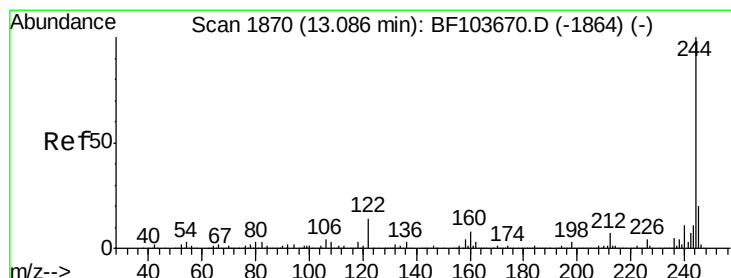
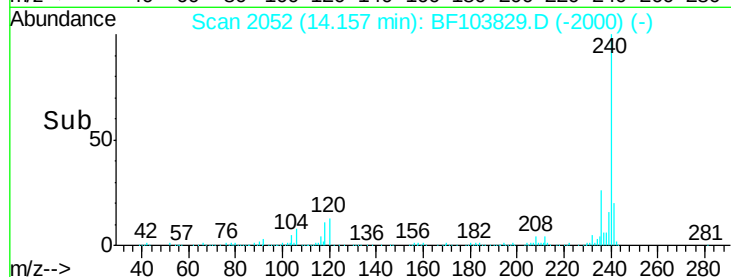
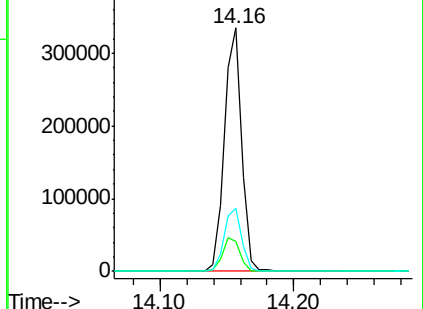
236 26.0 20.7 31.1



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: 52.570 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.01 min

Lab File: BF103829.D

Acq: 21 Mar 2018 4:17

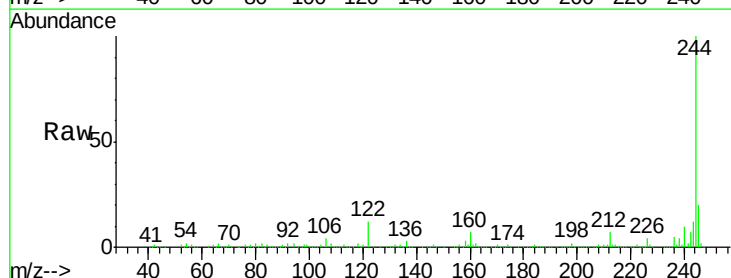
Tgt Ion:244 Resp: 695153

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

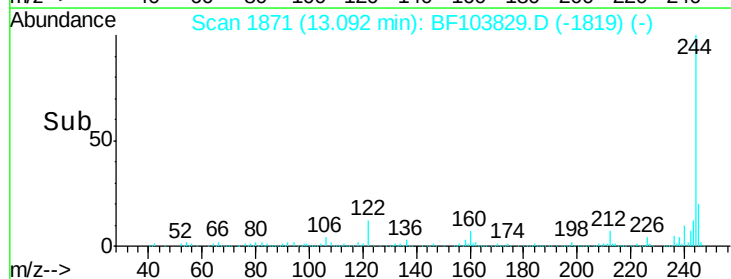
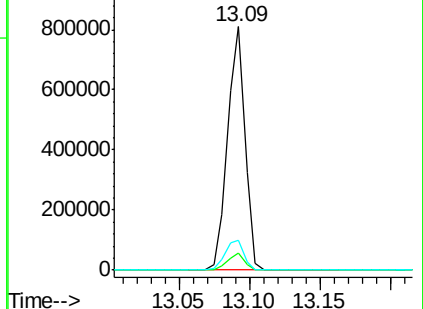
122 12.4 11.0 16.4

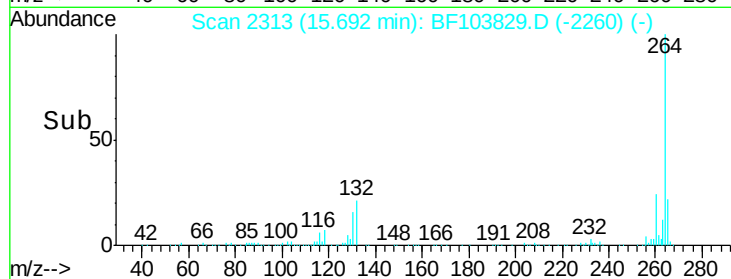
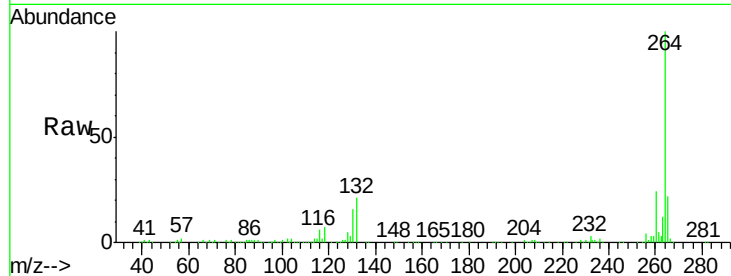
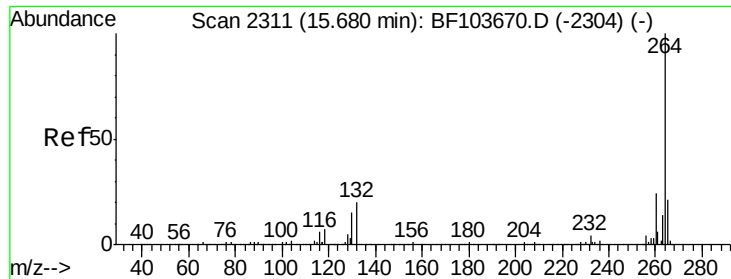


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2313
Delta R.T. 0.01 min
Lab File: BF103829.D
Acq: 21 Mar 2018 4:17

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.9	17.5	26.3

