

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104065.D
 Acq On : 29 Mar 2018 21:33
 Operator : JU/SJ
 Sample : J1749-07 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 30 03:54:39 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

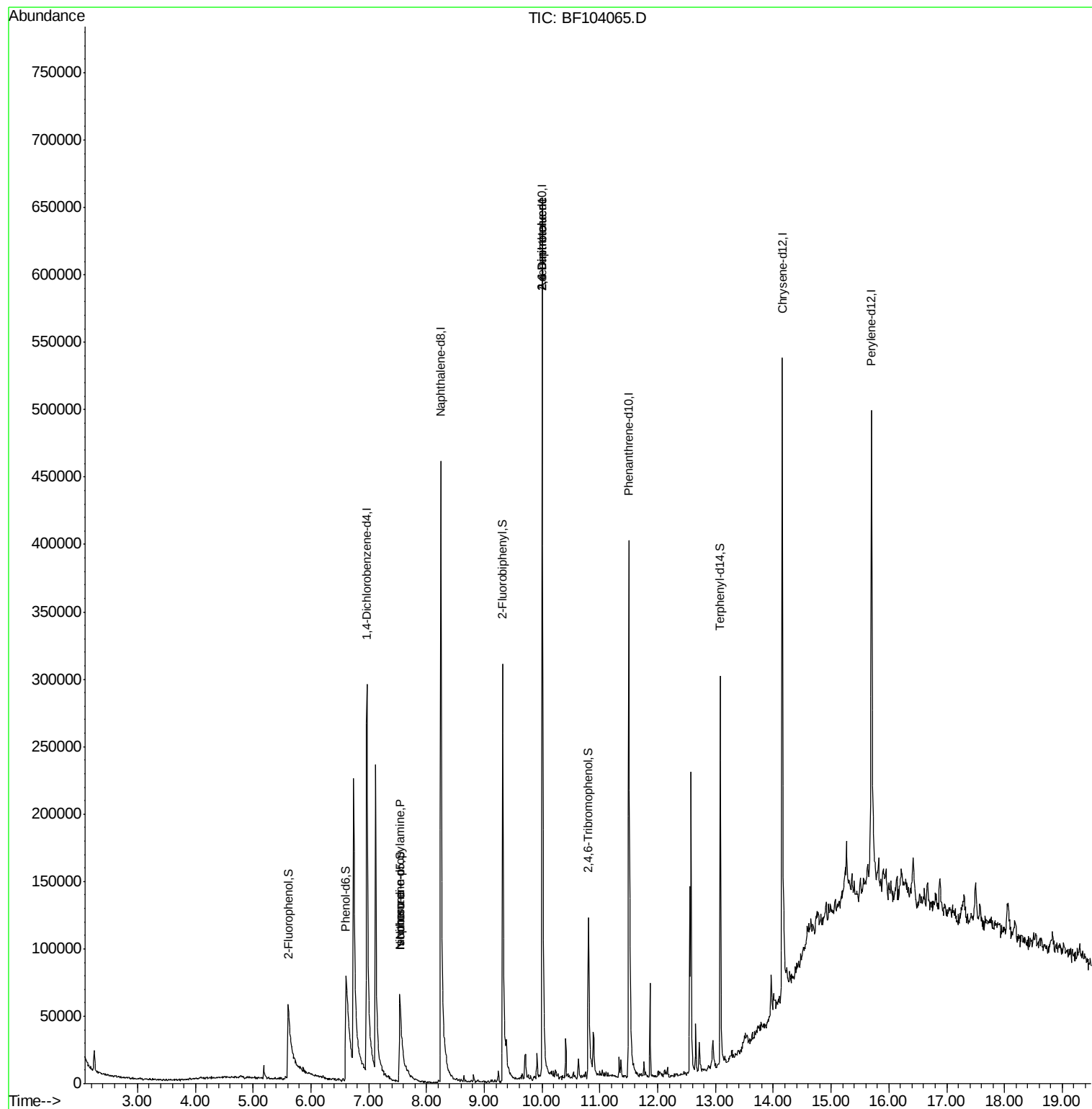
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	98900	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	417651	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	170054	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	248682	20.00	ng	0.00
75) Chrysene-d12	14.16	240	218997	20.00	ng	0.00
86) Perylene-d12	15.70	264	228942	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	83310	13.43	ng	0.00
7) Phenol-d6	6.60	99	141468	18.54	ng	0.00
23) Nitrobenzene-d5	7.54	82	86505	12.67	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	30983	16.36	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	193692	17.96	ng	0.00
78) Terphenyl-d14	13.08	244	122318	12.90	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.54	70	10356	2.287	ng	# 86
25) Isophorone	7.54	82	86505	6.873	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	21653	7.496	ng	# 25
56) 2,4-Dinitrotoluene	10.00	165	22039	5.979	ng	# 23

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

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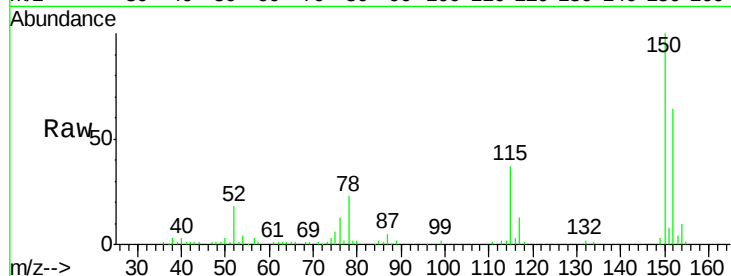


#1

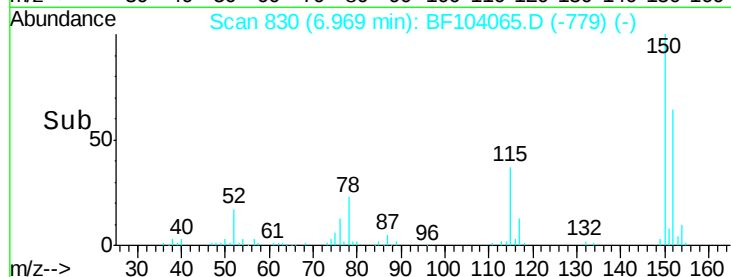
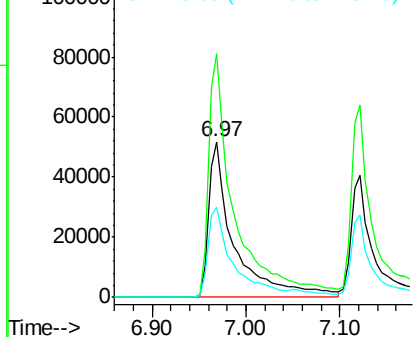
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104065.D
Acq: 29 Mar 2018 21:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 98900
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 58.2 50.1 75.1



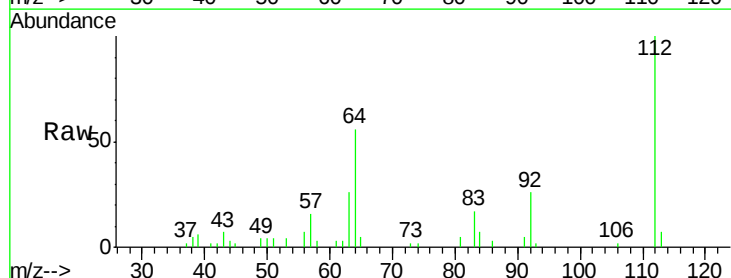
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



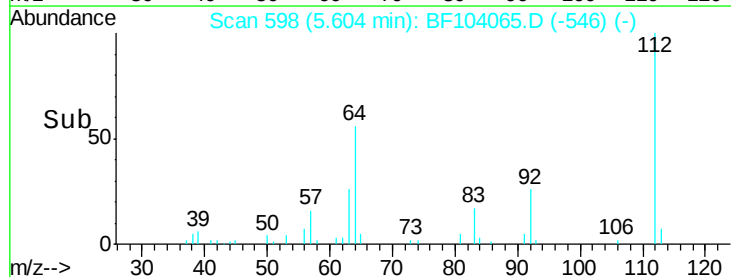
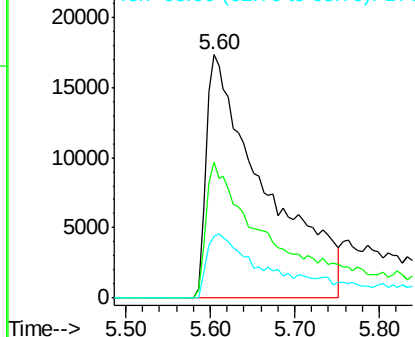
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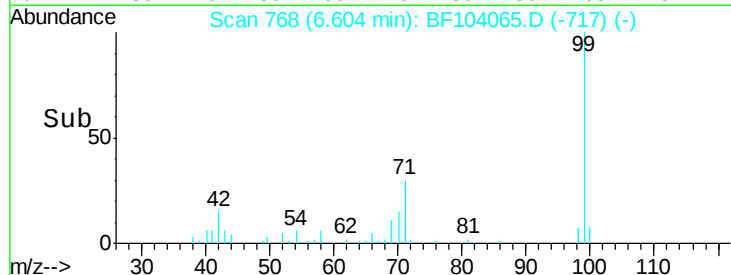
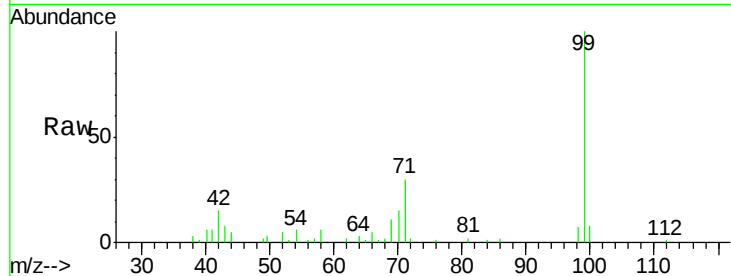
2-Fluorophenol
Concen: 13.434 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF104065.D
Acq: 29 Mar 2018 21:33

Tgt Ion:112 Resp: 83310
Ion Ratio Lower Upper
112 100
64 55.7 47.9 71.9
63 25.5 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: 18.541 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF104065.D

Acq: 29 Mar 2018 21:33

Instrument :

BNA_F

ClientSampleId :

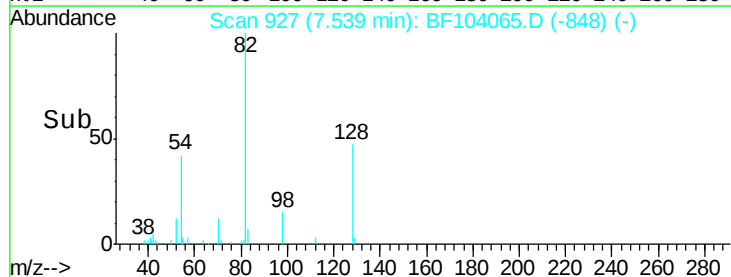
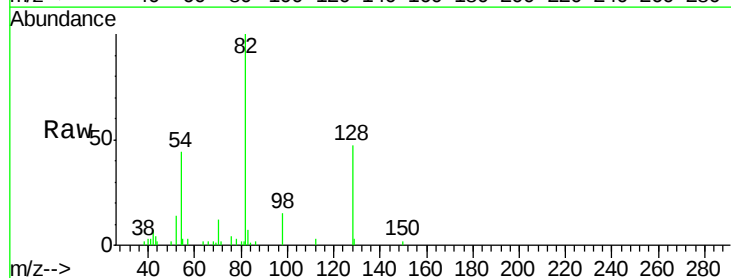
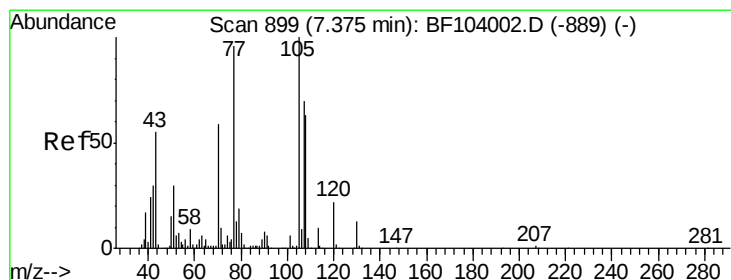
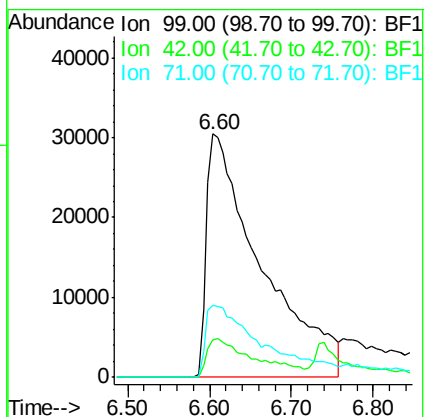
Tot Ion: 99 Resp: 141468

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

71 29.6 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 2.287 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.16 min

Lab File: BF104065.D

Acq: 29 Mar 2018 21:33

Tgt Ion: 70 Resp: 10356

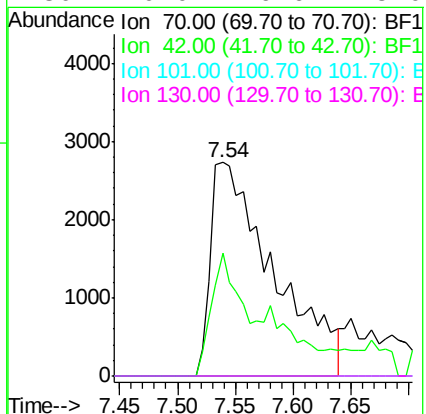
Ion Ratio Lower Upper

70 100

42 57.7 47.5 71.3

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

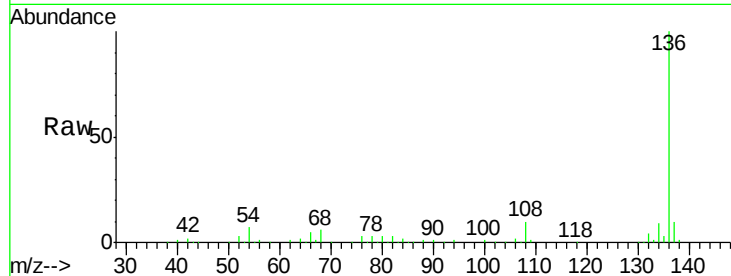




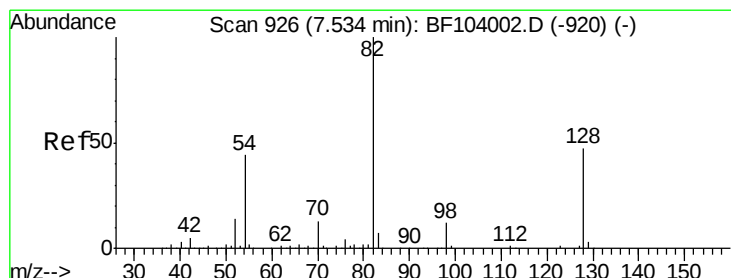
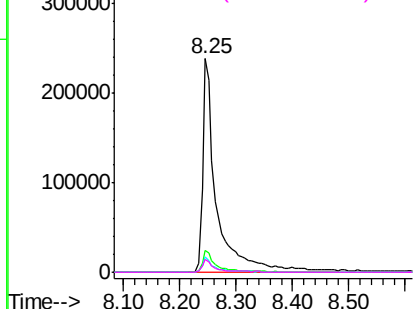
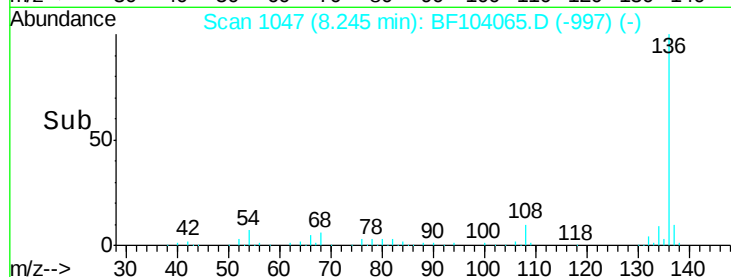
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF104065.D
Acq: 29 Mar 2018 21:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	417651
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.9 13.3
54	7.2	6.6 9.8
68	6.2	5.0 7.4

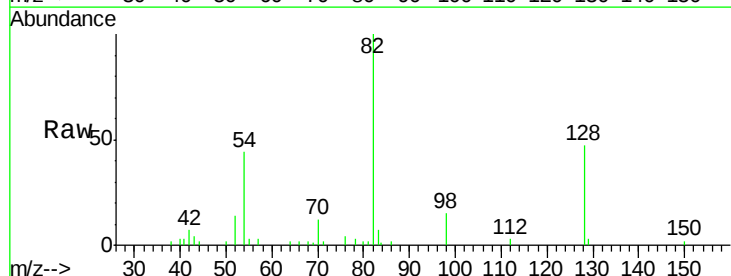


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

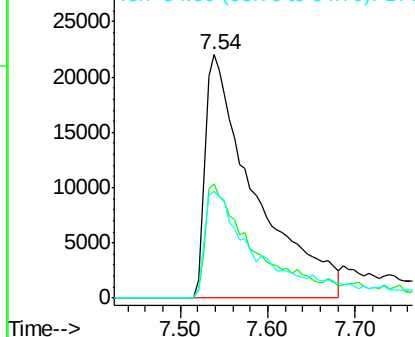
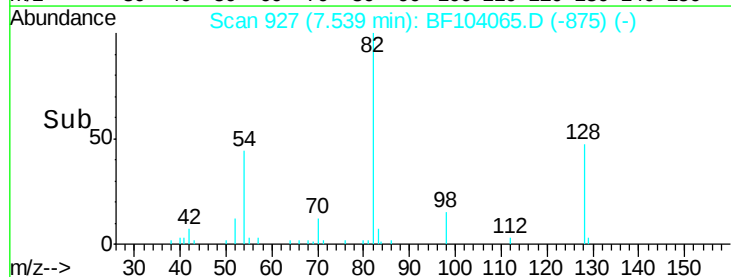


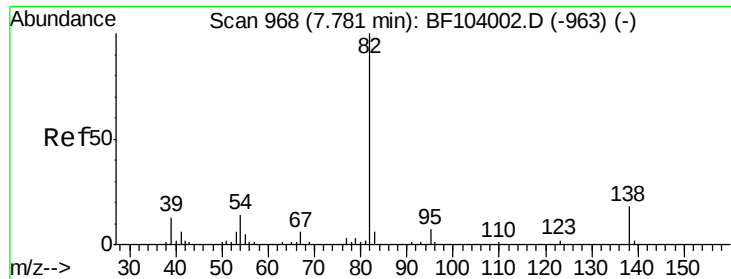
#23
Nitrobenzene-d5
Concen: 12.667 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.01 min
Lab File: BF104065.D
Acq: 29 Mar 2018 21:33

Tgt Ion: 82	Resp:	86505
Ion Ratio	Lower	Upper
82	100	
128	47.2	36.1 54.1
54	43.8	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

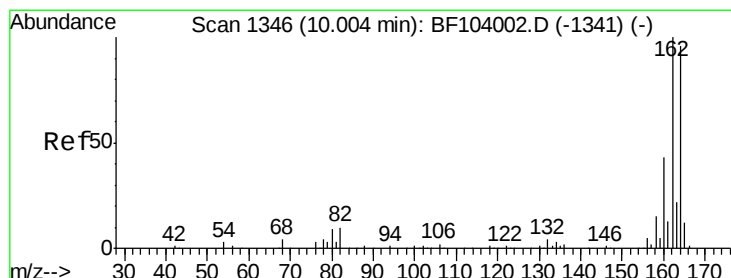
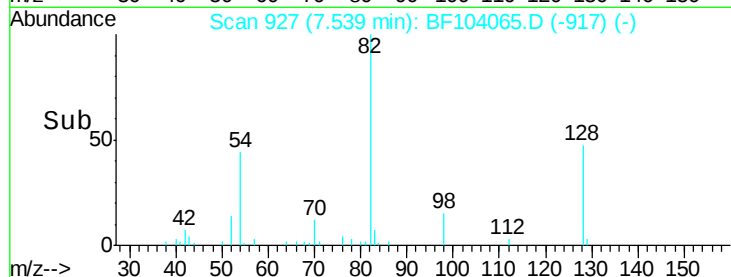
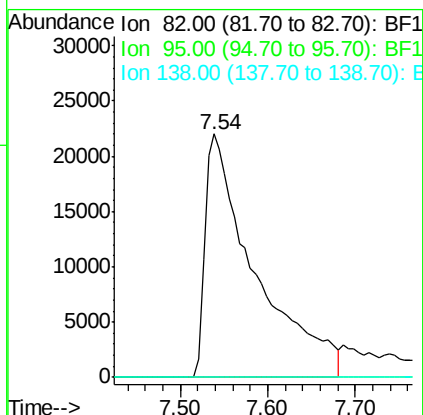
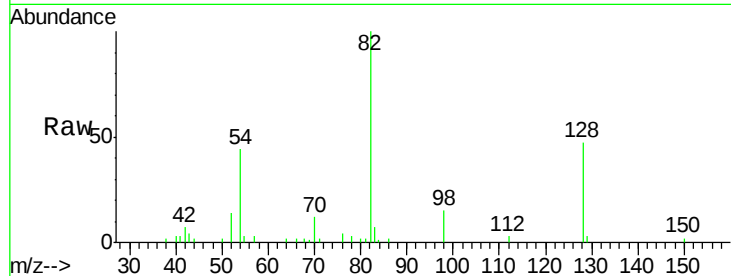




#25
Isophorone
Concen: 6.873 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.24 min
Lab File: BF104065.D
Acq: 29 Mar 2018 21:33

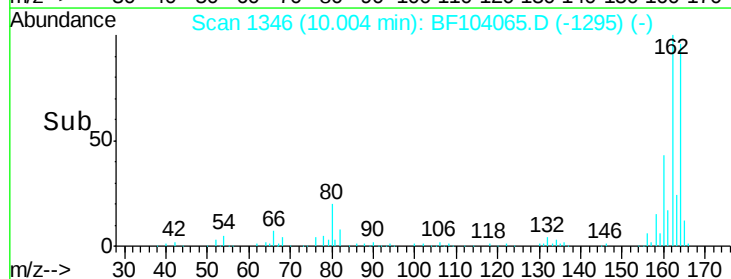
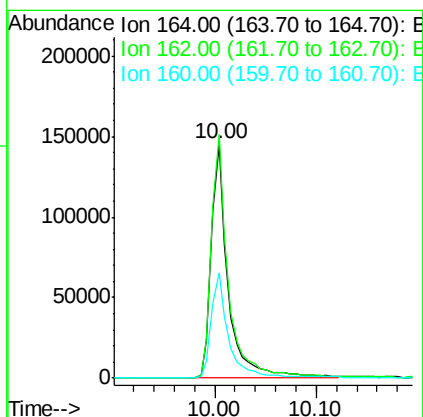
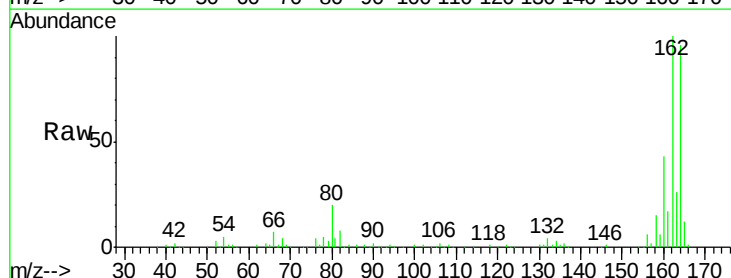
Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 86505
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF104065.D
Acq: 29 Mar 2018 21:33

Tgt Ion:164 Resp: 170054
Ion Ratio Lower Upper
164 100
162 104.3 86.1 129.1
160 45.3 38.3 57.5

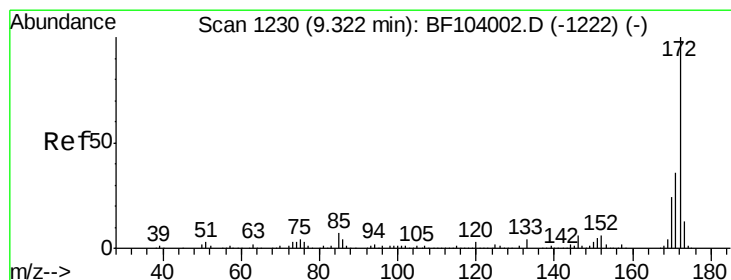
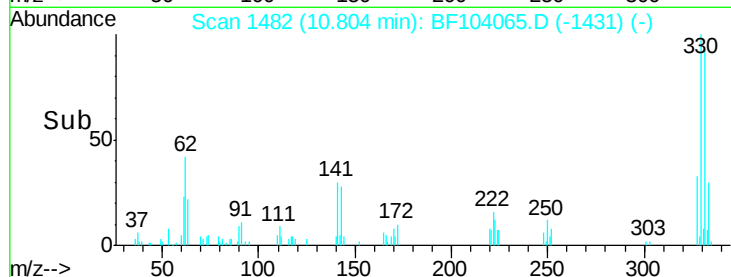
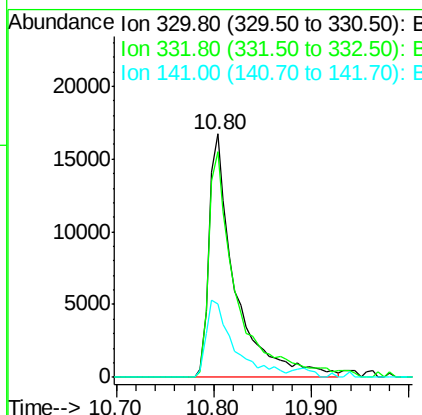
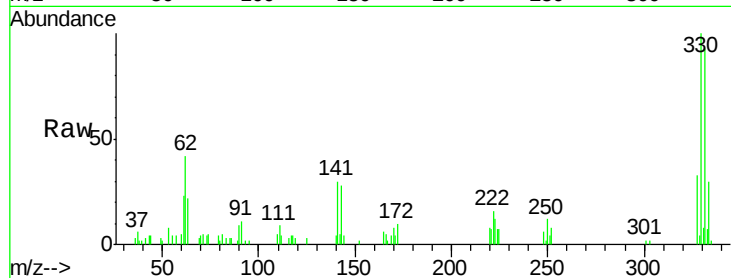




#41
 2,4,6-Tribromophenol
 Concen: 16.362 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: BF104065.D
 Acq: 29 Mar 2018 21:33

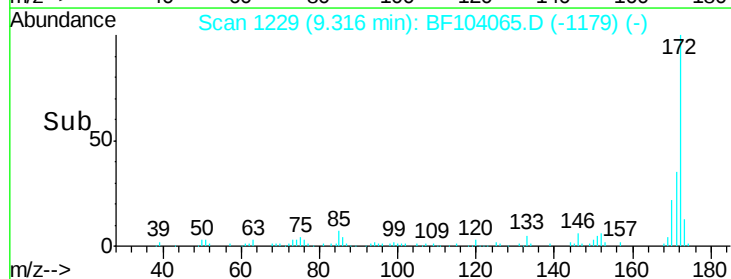
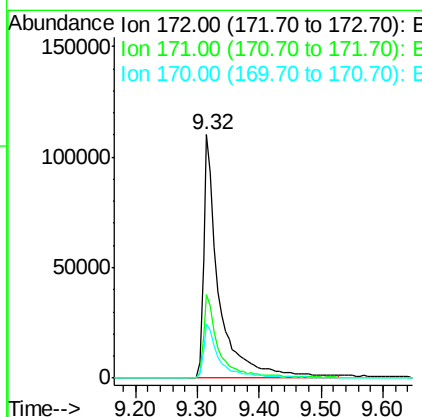
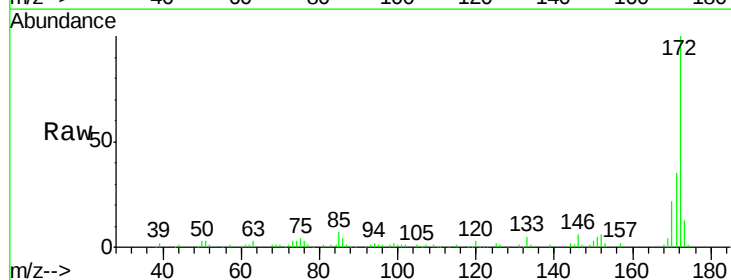
Instrument :
 BNA_F
 ClientSampleId :

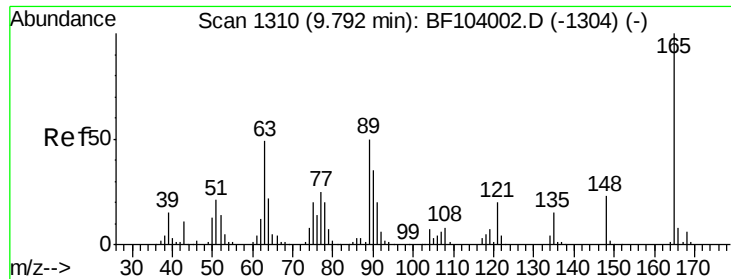
Tot Ion:330 Resp: 30983
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.0 115.6
 141 33.6 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 17.961 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104065.D
 Acq: 29 Mar 2018 21:33

Tgt Ion:172 Resp: 193692
 Ion Ratio Lower Upper
 172 100
 171 34.5 29.7 44.5
 170 22.3 19.6 29.4

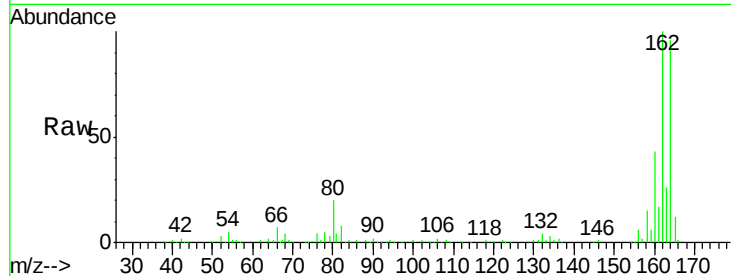




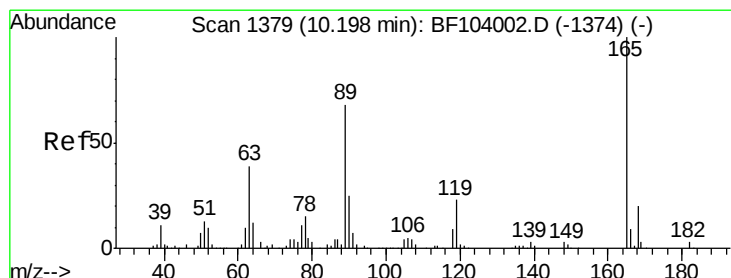
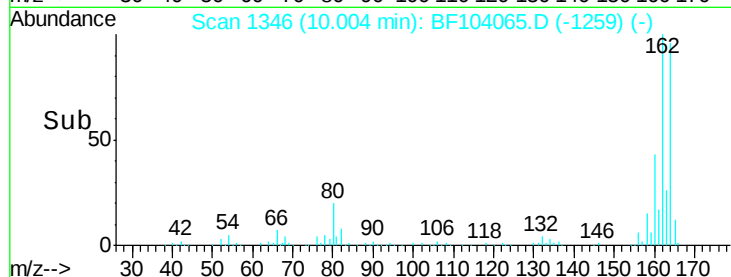
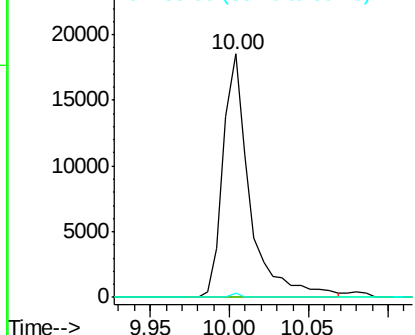
#50
 2,6-Dinitrotoluene
 Concen: 7.496 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. 0.21 min
 Lab File: BF104065.D
 Acq: 29 Mar 2018 21:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 21653
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 1.7 44.0 66.0#

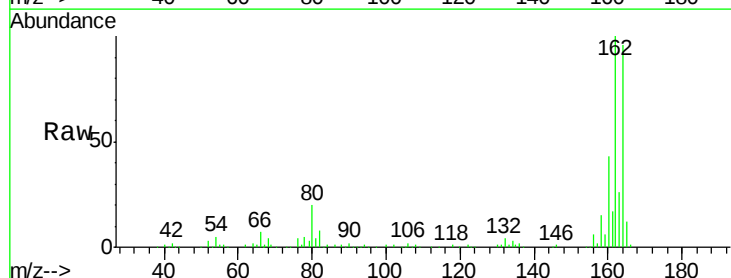


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

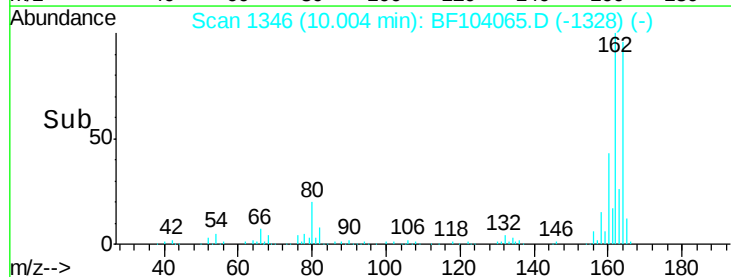
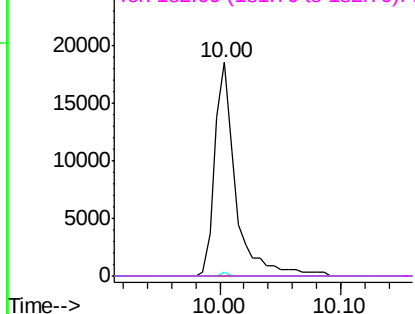


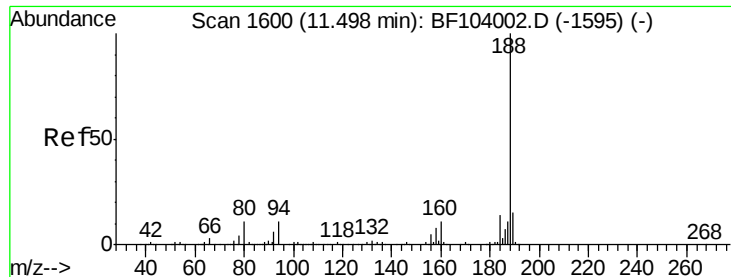
#56
 2,4-Dinitrotoluene
 Concen: 5.979 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.19 min
 Lab File: BF104065.D
 Acq: 29 Mar 2018 21:33

Tgt Ion:165 Resp: 22039
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 1.7 57.8 86.6#
 182 0.0 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

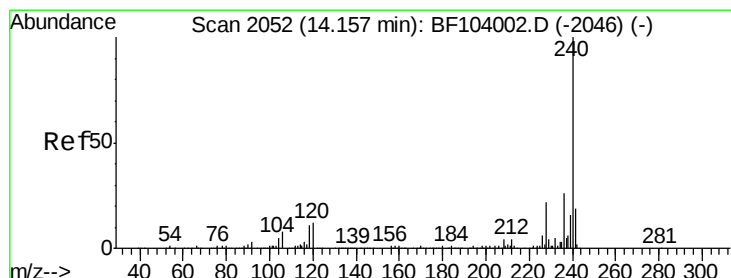
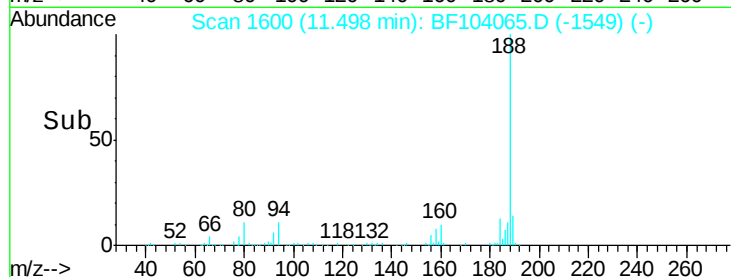
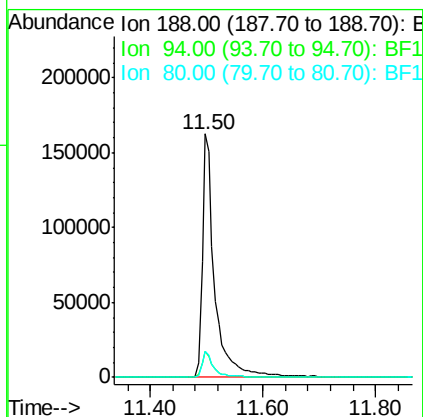
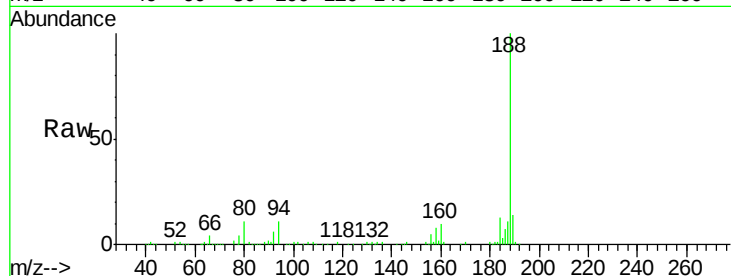




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104065.D
Acq: 29 Mar 2018 21:33

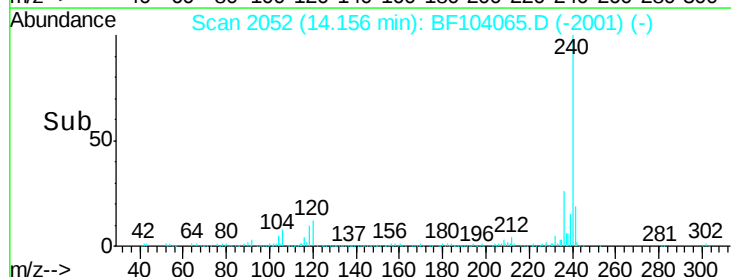
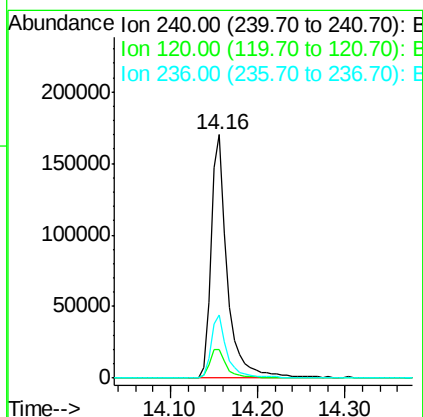
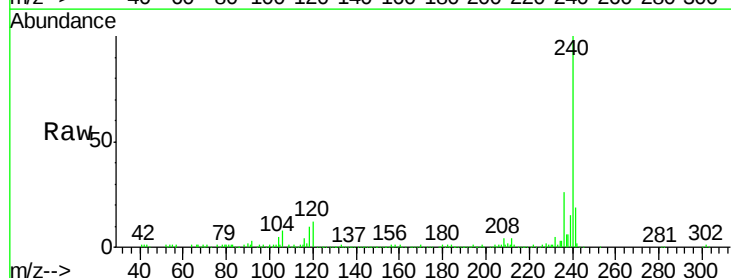
Instrument :
BNA_F
ClientSampleId :

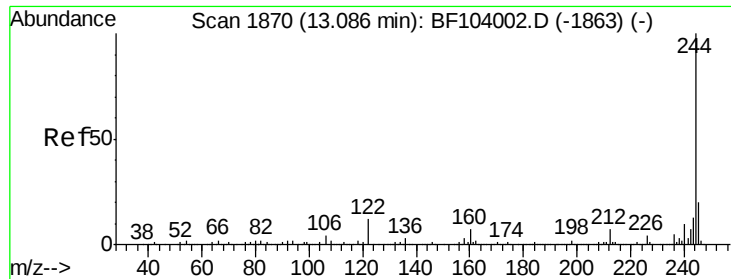
Tot Ion:188 Resp: 248682
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 10.7 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF104065.D
Acq: 29 Mar 2018 21:33

Tgt Ion:240 Resp: 218997
Ion Ratio Lower Upper
240 100
120 11.6 9.5 14.3
236 25.7 20.7 31.1





#78

Terphenyl-d14

Concen: 12.896 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BF104065.D

Acq: 29 Mar 2018 21:33

Instrument :

BNA_F

ClientSampleId :

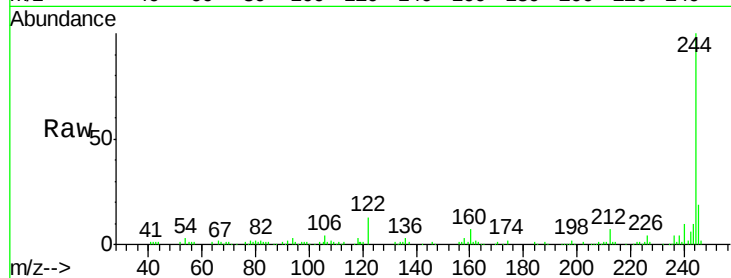
Tot Ion:244 Resp: 122318

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

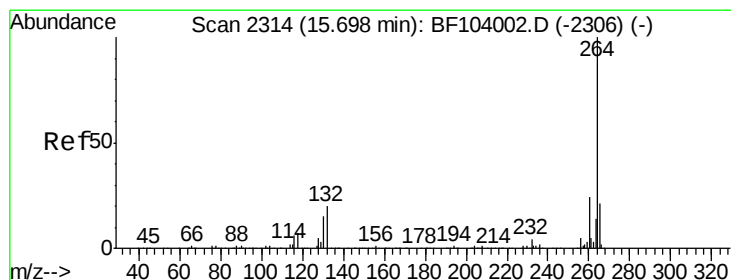
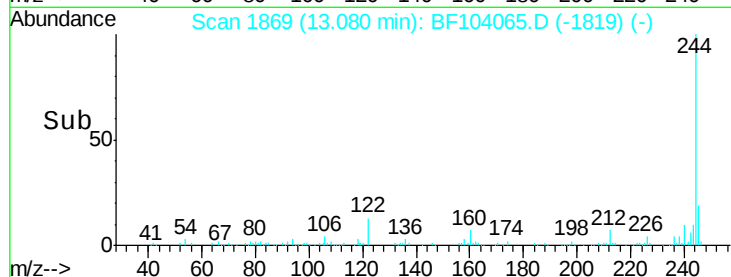
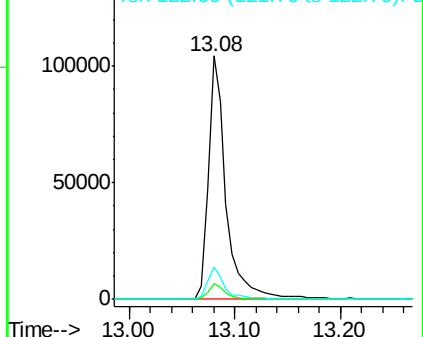
122 13.1 11.0 16.4



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: 15.70 min Scan# 2314

Delta R.T. -0.00 min

Lab File: BF104065.D

Acq: 29 Mar 2018 21:33

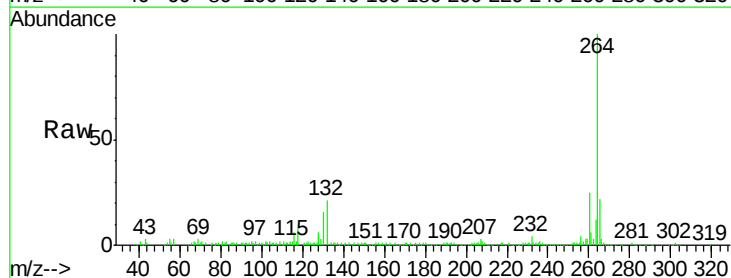
Tgt Ion:264 Resp: 228942

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 21.6 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

