

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104066.D
 Acq On : 29 Mar 2018 21:59
 Operator : JU/SJ
 Sample : J1755-05 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 30 03:55:03 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

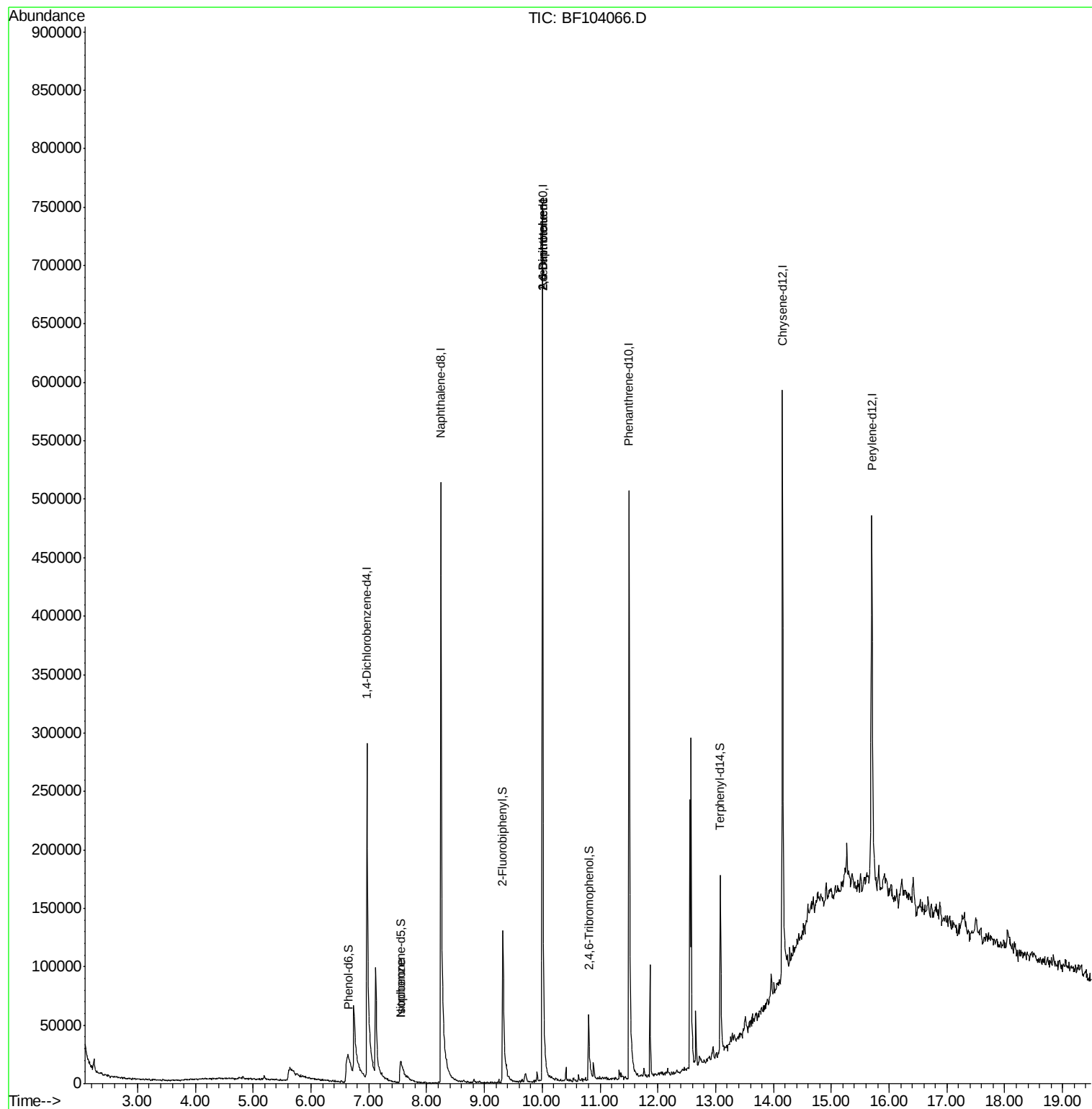
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	102277	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	450544	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	193251	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	307357	20.00	ng	0.00
75) Chrysene-d12	14.16	240	225606	20.00	ng	0.00
86) Perylene-d12	15.70	264	209805	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	9180	1.43	ng	0.02
7) Phenol-d6	6.64	99	56397	7.15	ng	0.04
23) Nitrobenzene-d5	7.55	82	37983	5.16	ng	0.02
41) 2,4,6-Tribromophenol	10.80	330	15705	7.30	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	98788	8.06	ng	0.00
78) Terphenyl-d14	13.08	244	70365	7.20	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	607	Below Cal	Qvalue #	30
25) Isophorone	7.55	82	37983	2.798 ng	#	64
50) 2,6-Dinitrotoluene	10.00	165	24297	7.402 ng	#	24
56) 2,4-Dinitrotoluene	10.00	165	24761	5.911 ng	#	21

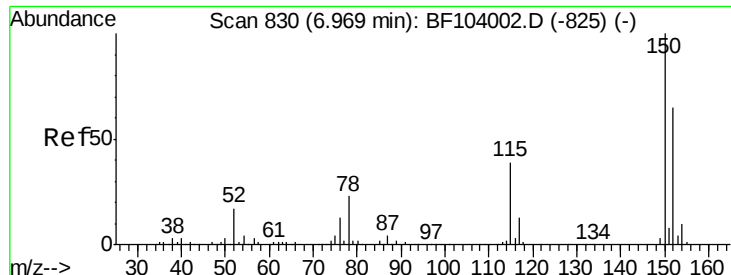
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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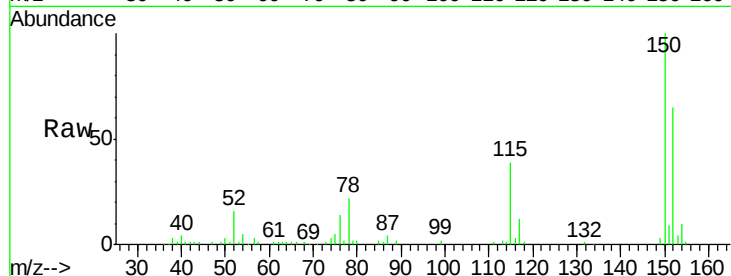


#1

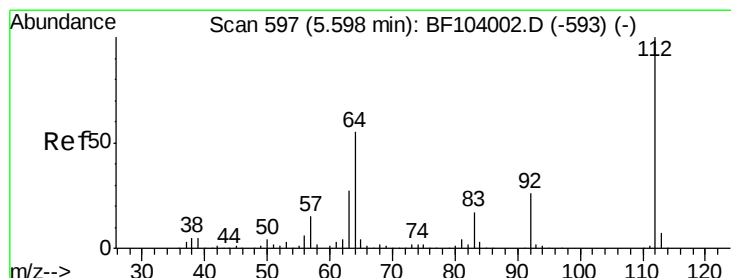
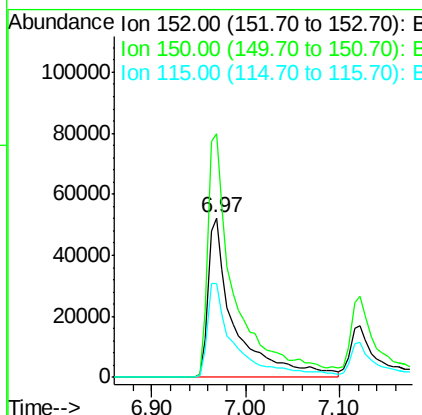
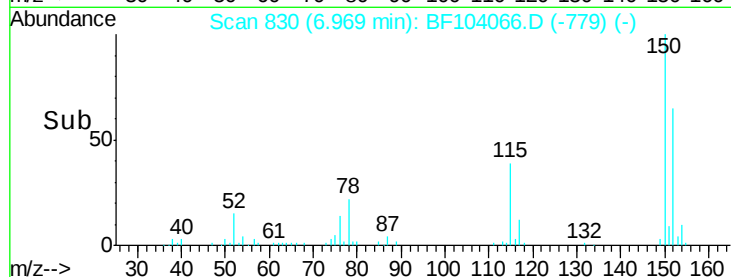
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF104066.D
Acq: 29 Mar 2018 21:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 102277
Ion Ratio Lower Upper
152 100
150 153.0 124.6 186.8
115 59.2 50.1 75.1



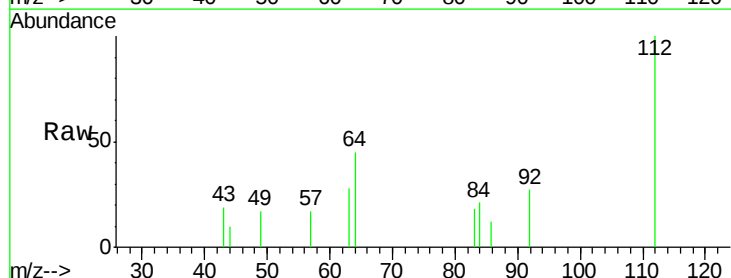
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



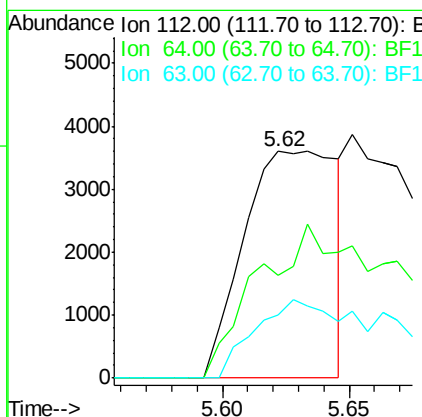
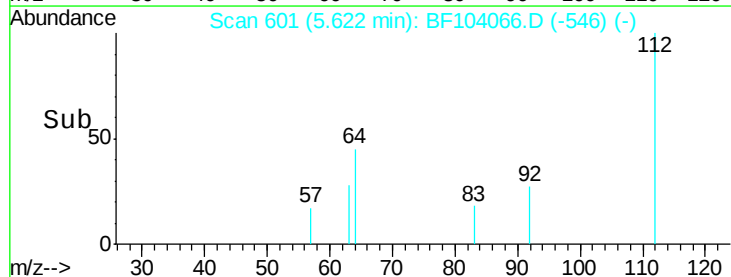
#5

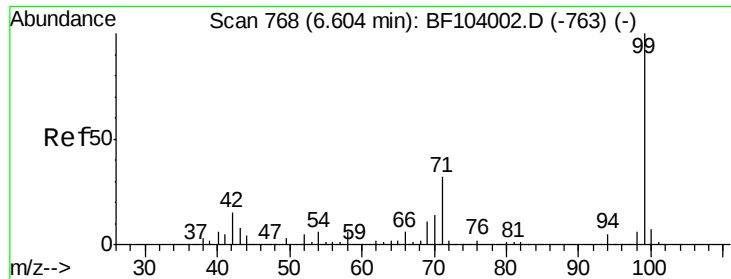
2-Fluorophenol
Concen: 1.431 ng
RT: 5.62 min Scan# 601
Delta R.T. 0.02 min
Lab File: BF104066.D
Acq: 29 Mar 2018 21:59

Tgt Ion:112 Resp: 9180
Ion Ratio Lower Upper
112 100
64 45.1 47.9 71.9#
63 27.9 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: 7.148 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.04 min

Lab File: BF104066.D

Acq: 29 Mar 2018 21:59

Instrument :

BNA_F

ClientSampleId :

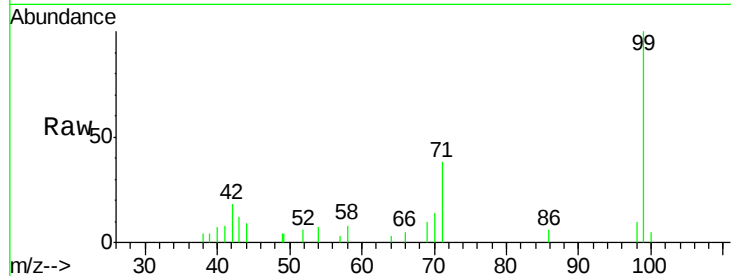
Tot Ion: 99 Resp: 56397

Ion Ratio Lower Upper

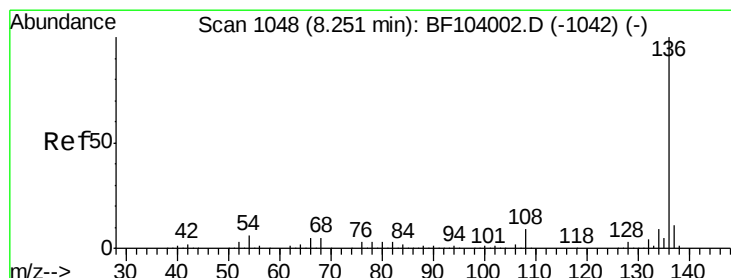
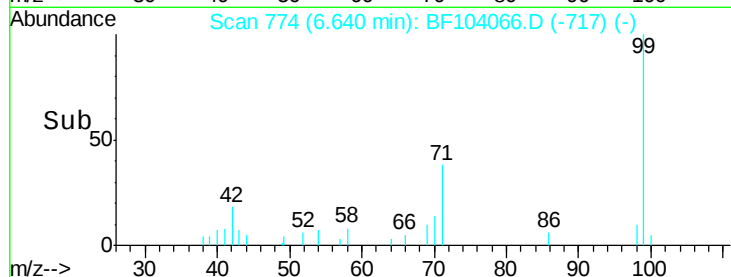
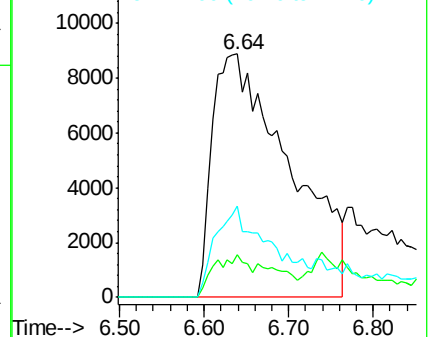
99 100

42 17.5 14.5 21.7

71 37.7 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: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF104066.D

Acq: 29 Mar 2018 21:59

Tgt Ion: 136 Resp: 450544

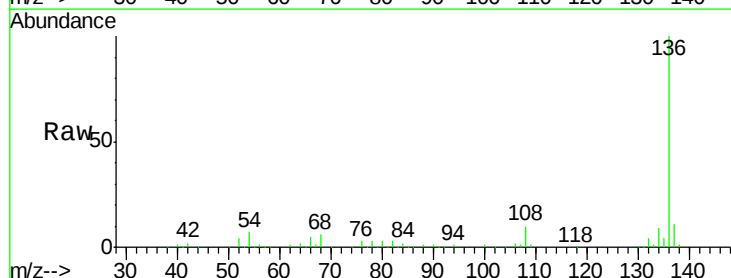
Ion Ratio Lower Upper

136 100

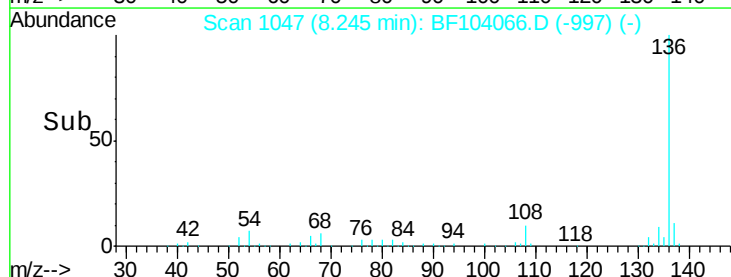
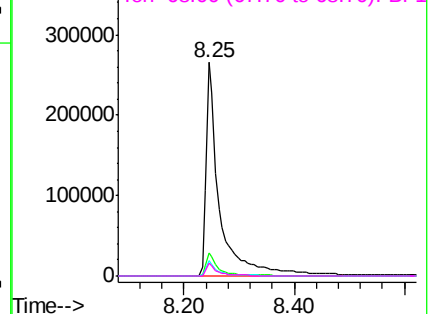
137 10.9 8.9 13.3

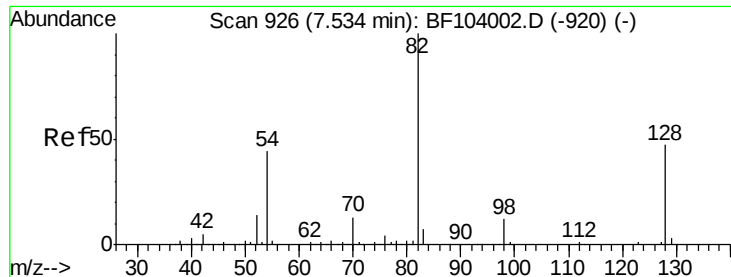
54 7.1 6.6 9.8

68 5.9 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

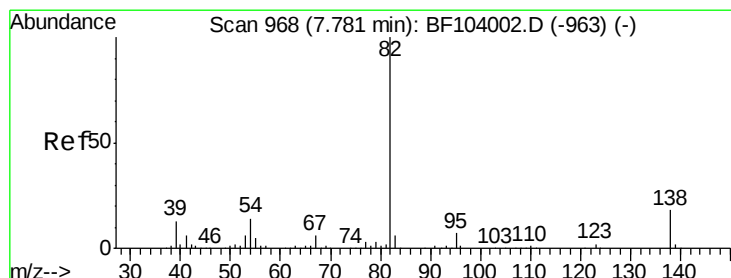
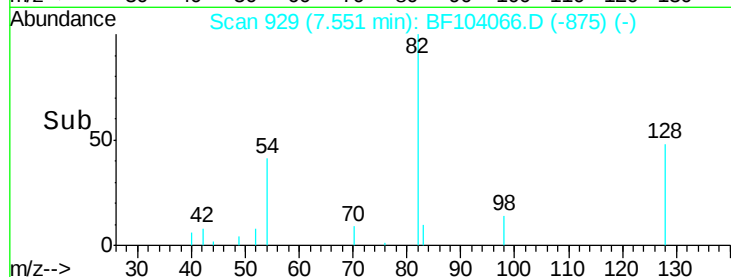
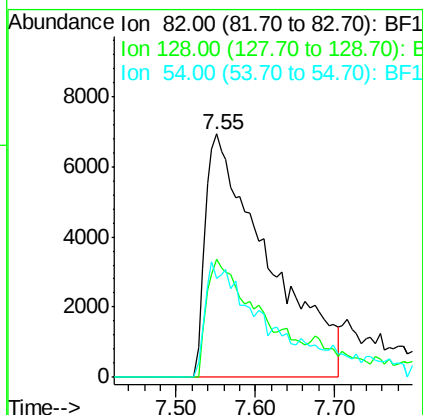
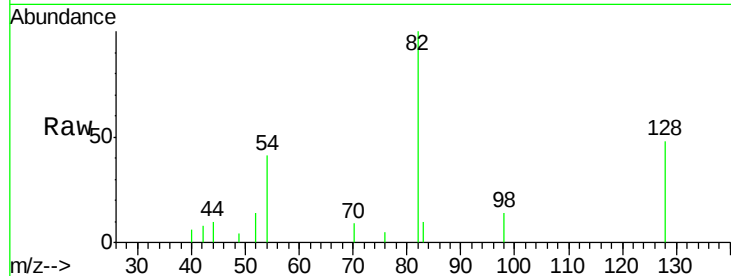




#23
 Nitrobenzene-d5
 Concen: 5.156 ng
 RT: 7.55 min Scan# 929
 Delta R.T. 0.02 min
 Lab File: BF104066.D
 Acq: 29 Mar 2018 21:59

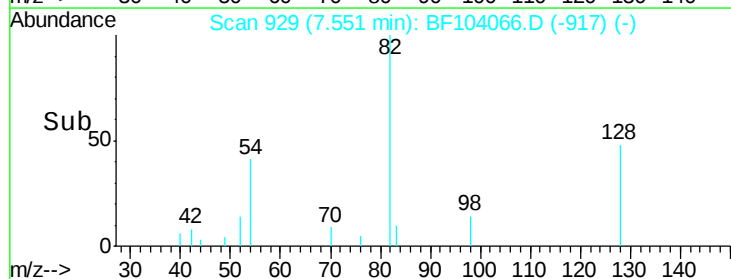
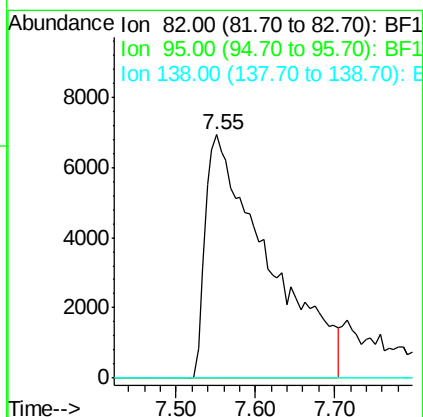
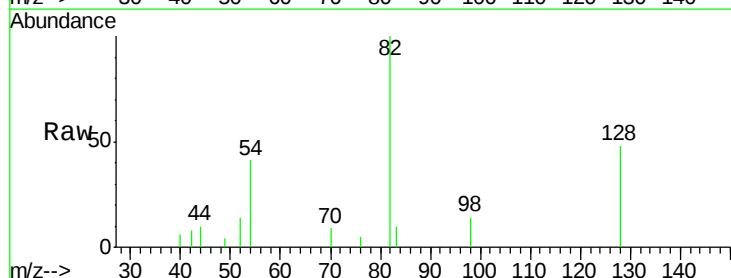
Instrument :
 BNA_F
 ClientSampleId :

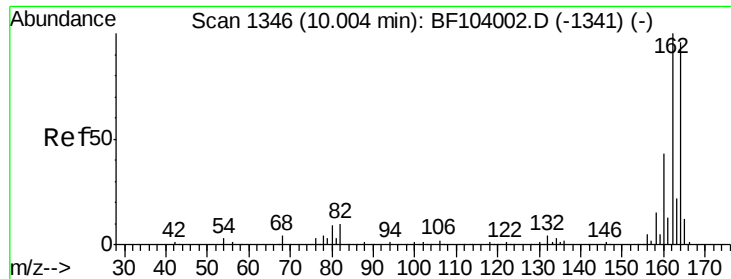
Tot Ion: 82 Resp: 37983
 Ion Ratio Lower Upper
 82 100
 128 48.3 36.1 54.1
 54 40.9 41.4 62.2#



#25
 Isophorone
 Concen: 2.798 ng
 RT: 7.55 min Scan# 929
 Delta R.T. -0.23 min
 Lab File: BF104066.D
 Acq: 29 Mar 2018 21:59

Tgt Ion: 82 Resp: 37983
 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: BF104066.D

Acq: 29 Mar 2018 21:59

Instrument :

BNA_F

ClientSampleId :

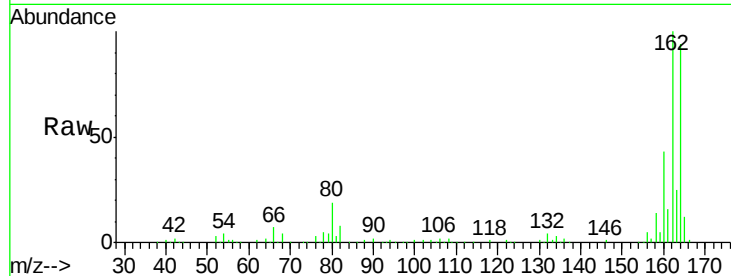
Tot Ion:164 Resp: 193251

Ion Ratio Lower Upper

164 100

162 106.8 86.1 129.1

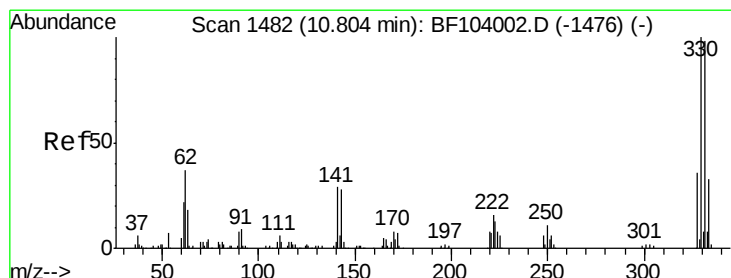
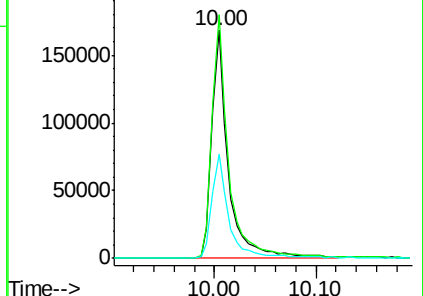
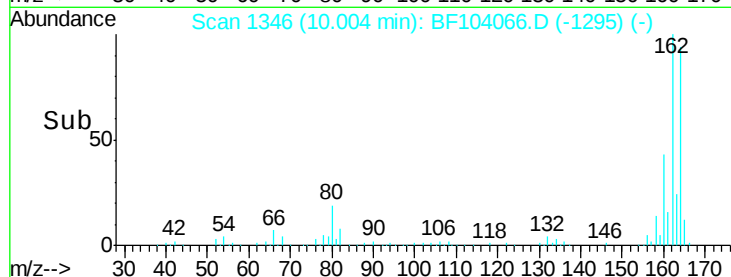
160 45.8 38.3 57.5



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: 7.298 ng

RT: 10.80 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BF104066.D

Acq: 29 Mar 2018 21:59

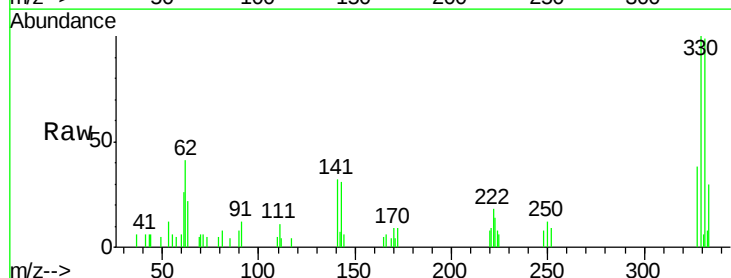
Tgt Ion:330 Resp: 15705

Ion Ratio Lower Upper

330 100

332 99.3 77.0 115.6

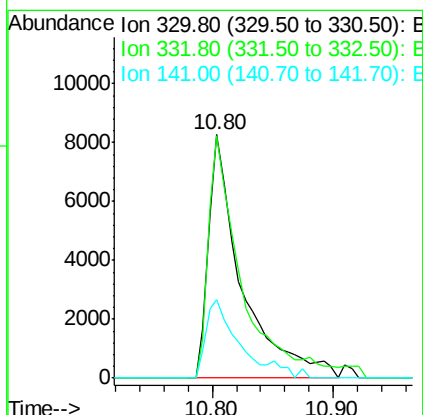
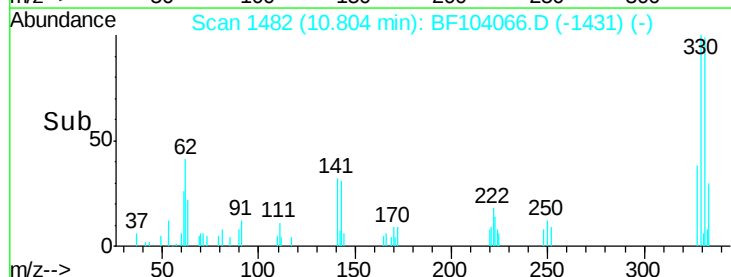
141 29.5 29.9 44.9#

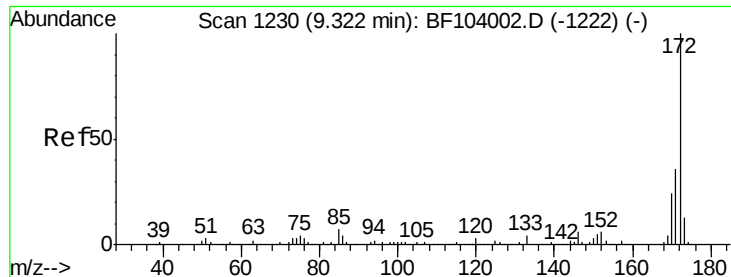


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

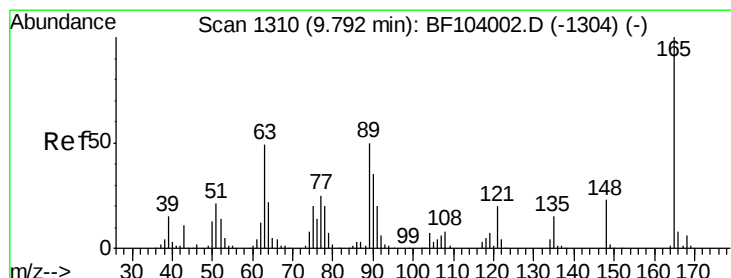
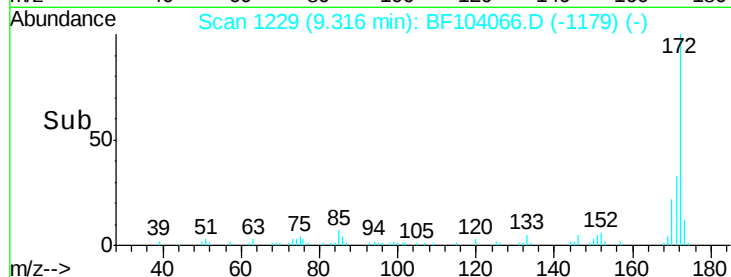
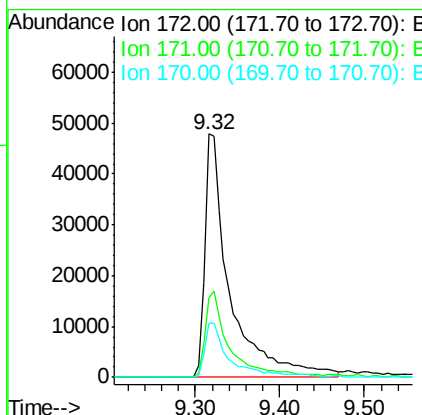
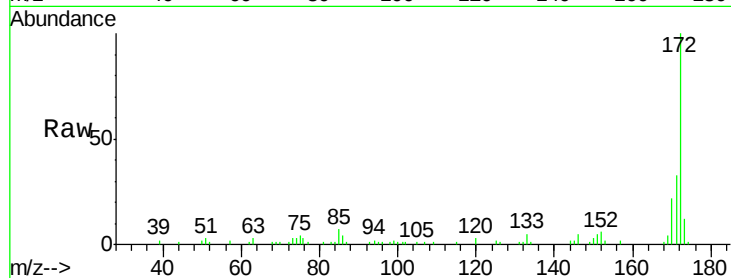




#44
 2-Fluorobiphenyl
 Concen: 8.061 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104066.D
 Acq: 29 Mar 2018 21:59

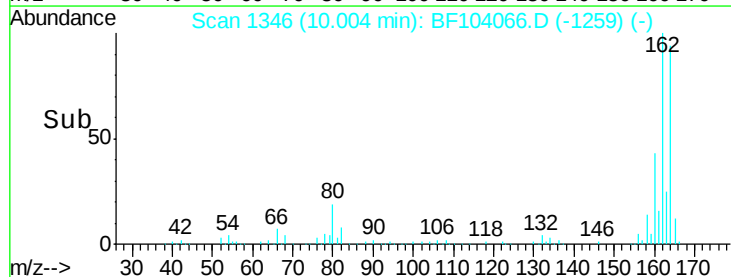
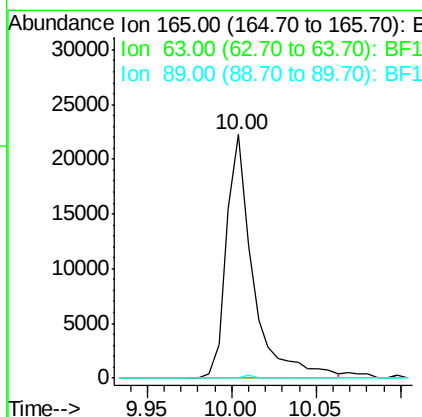
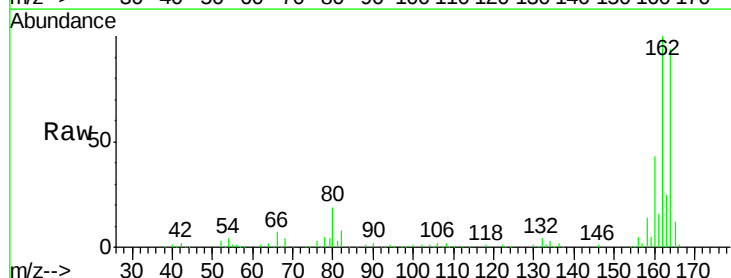
Instrument :
 BNA_F
 ClientSampleId :

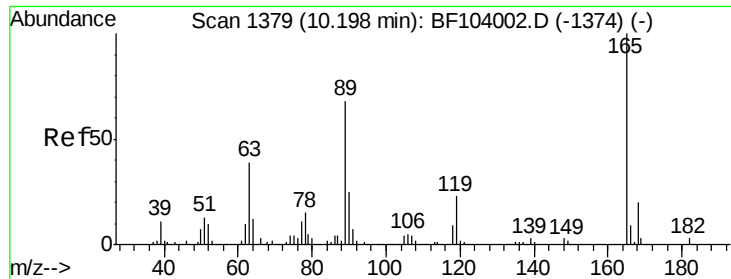
Tot Ion:172 Resp: 98788
 Ion Ratio Lower Upper
 172 100
 171 32.7 29.7 44.5
 170 22.0 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.402 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. 0.21 min
 Lab File: BF104066.D
 Acq: 29 Mar 2018 21:59

Tgt Ion:165 Resp: 24297
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#





#56

2,4-Dinitrotoluene

Concen: 5.911 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.19 min

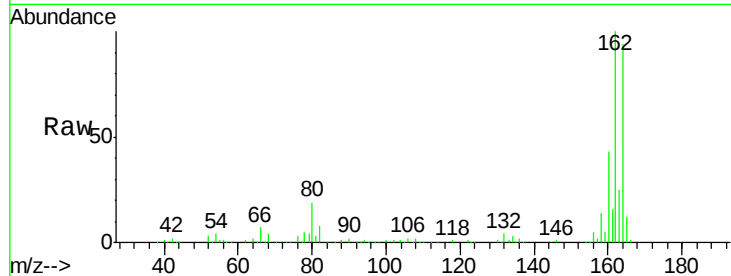
Lab File: BF104066.D

Acq: 29 Mar 2018 21:59

Instrument :

BNA_F

ClientSampleId :



Tot Ion:165 Resp: 24761

Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

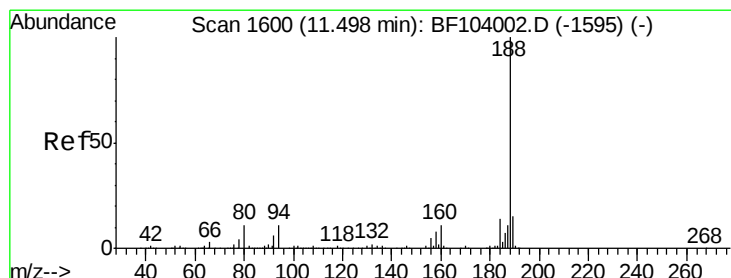
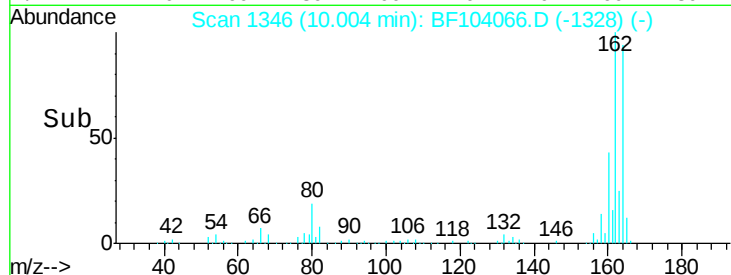
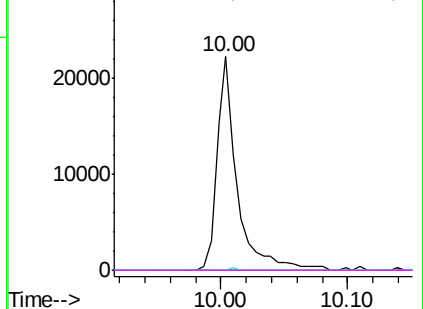
182 0.0 1.6 2.4#

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: BF104066.D

Acq: 29 Mar 2018 21:59

Tgt Ion:188 Resp: 307357

Ion Ratio Lower Upper

188 100

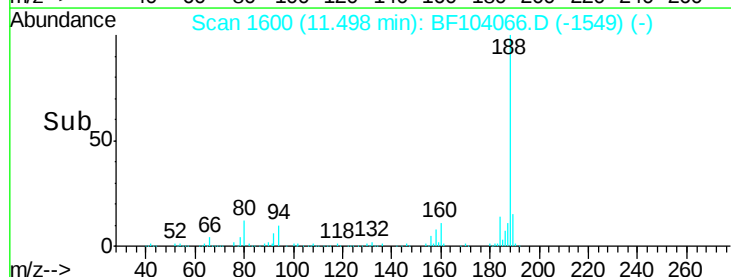
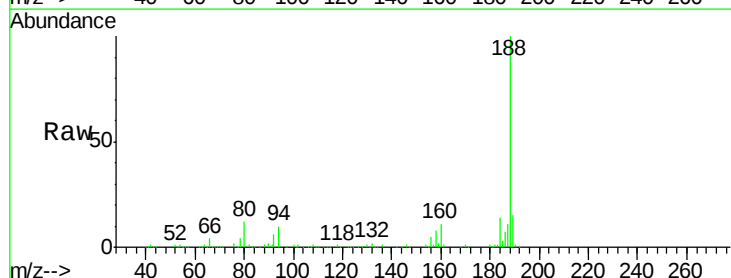
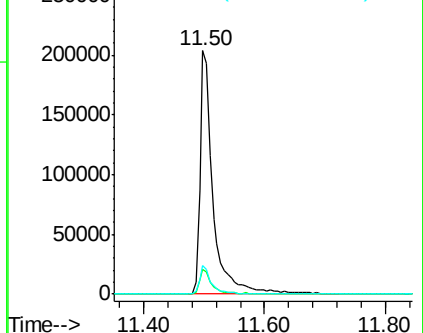
94 10.3 8.5 12.7

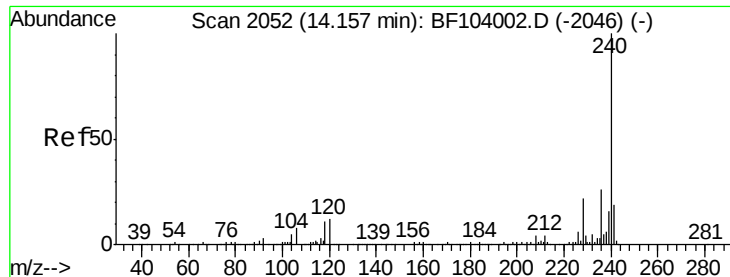
80 11.7 9.2 13.8

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. 0.00 min

Lab File: BF104066.D

Acq: 29 Mar 2018 21:59

Instrument :

BNA_F

ClientSampled :

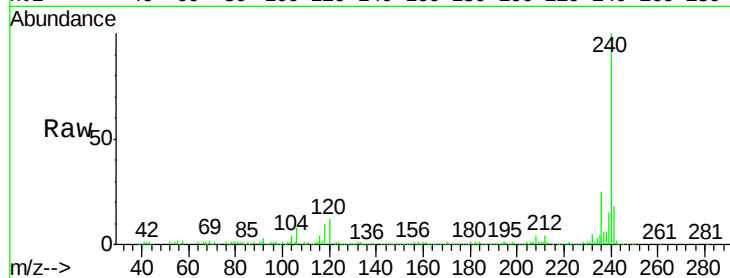
Tot Ion:240 Resp: 225606

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

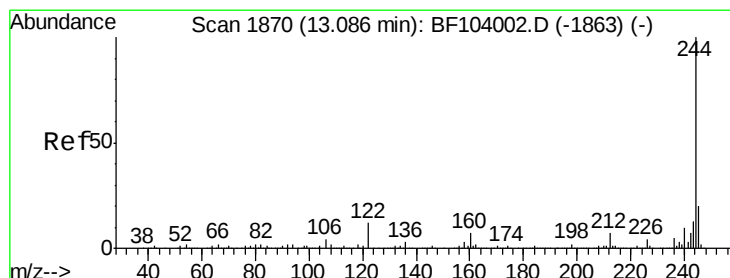
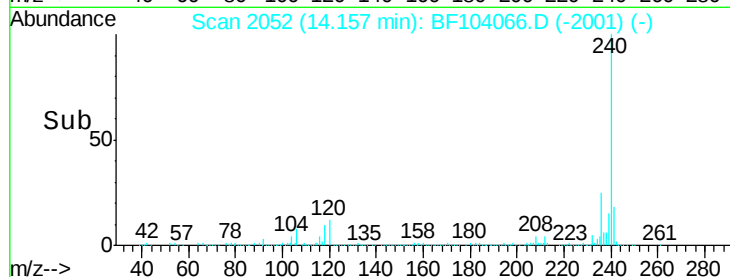
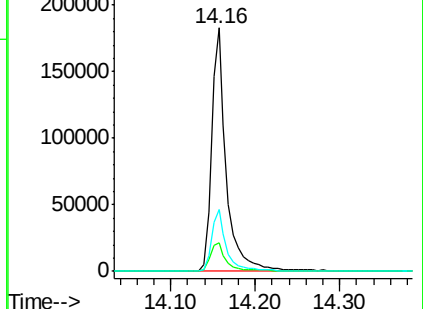
236 25.5 20.7 31.1



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: 7.201 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BF104066.D

Acq: 29 Mar 2018 21:59

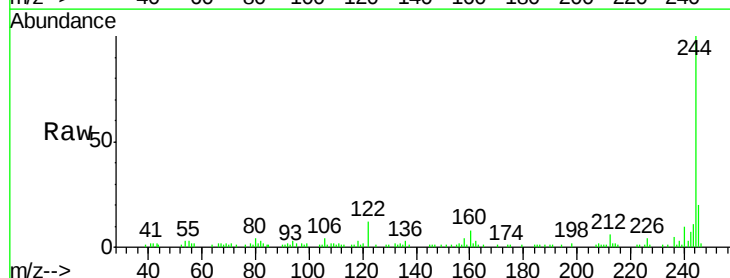
Tgt Ion:244 Resp: 70365

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

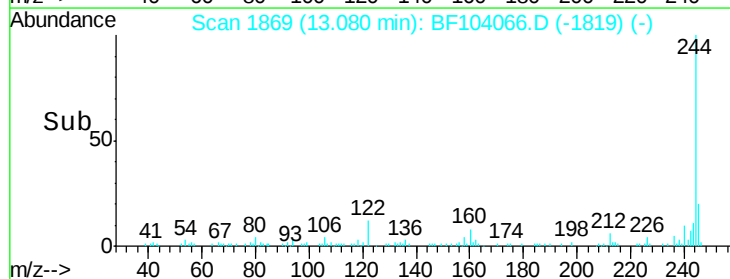
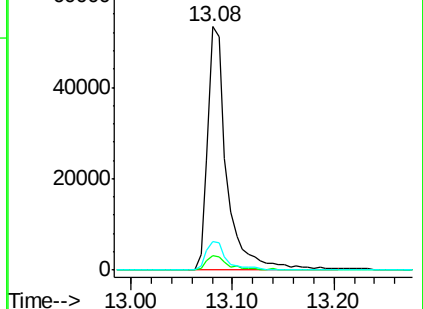
122 11.9 11.0 16.4

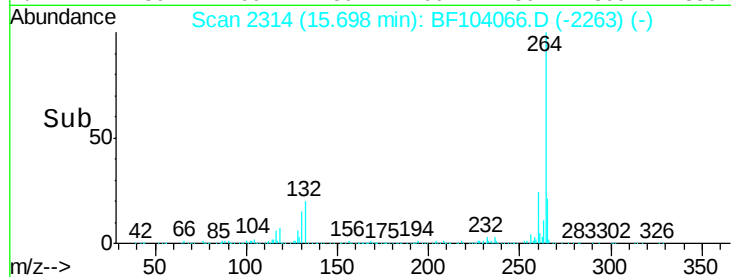
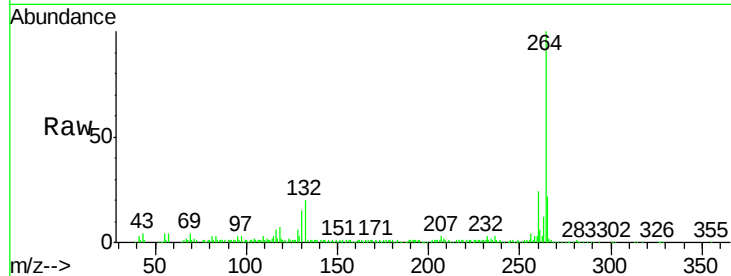
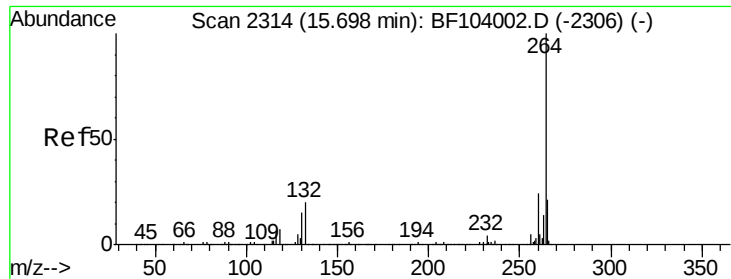


Abundance Ion 244.00 (243.70 to 244.70): E

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. 0.00 min
Lab File: BF104066.D
Acq: 29 Mar 2018 21:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.8	17.5	26.3

