

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061616\
 Data File : BG022384.D
 Acq On : 17 Jun 2016 2:59
 Operator : UM/SJ
 Sample : H3567-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-03-COMP

Quant Time: Jun 17 04:03:47 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

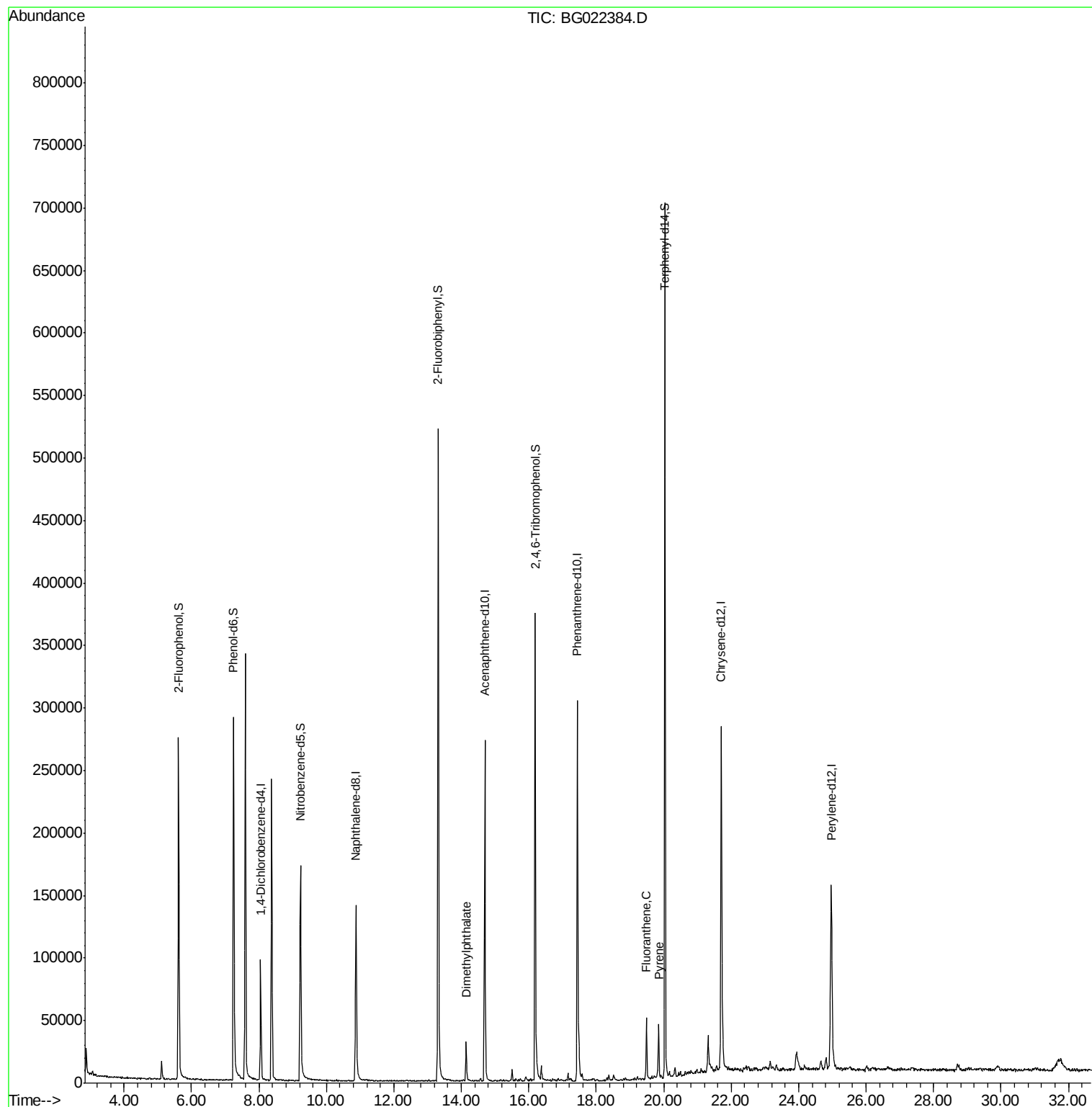
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	34823	20.00	ng	-0.04
21) Naphthalene-d8	10.88	136	177297	20.00	ng	-0.03
38) Acenaphthene-d10	14.69	164	110121	20.00	ng	-0.03
63) Phenanthrene-d10	17.44	188	228574	20.00	ng	-0.03
75) Chrysene-d12	21.70	240	187816	20.00	ng	-0.03
86) Perylene-d12	24.97	264	171779	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	189461	105.19	ng	-0.02
7) Phenol-d6	7.25	99	286712	101.25	ng	0.00
23) Nitrobenzene-d5	9.23	82	154914	60.92	ng	-0.03
41) 2,4,6-Tribromophenol	16.19	330	86004	69.12	ng	-0.03
44) 2-Fluorobiphenyl	13.31	172	339412	46.97	ng	-0.03
78) Terphenyl-d14	20.04	244	342339	43.27	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	14.14	163	33258	3.64	ng	98
74) Fluoranthene	19.48	202	39859	2.79	ng	94
77) Pyrene	19.85	202	30308	2.60	ng	98

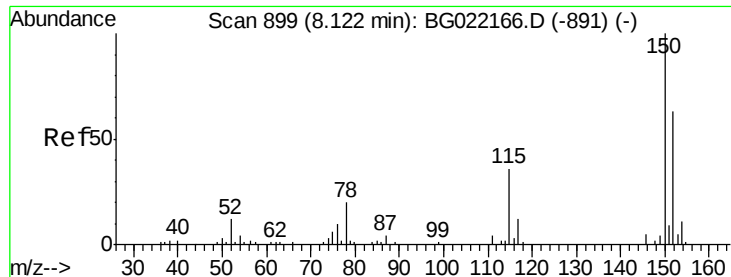
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 887

Delta R.T. -0.04 min

Lab File: BG022384.D

Acq: 17 Jun 2016 2:59

Instrument :

BNA_G

ClientSampleId :

SB-03-COMP

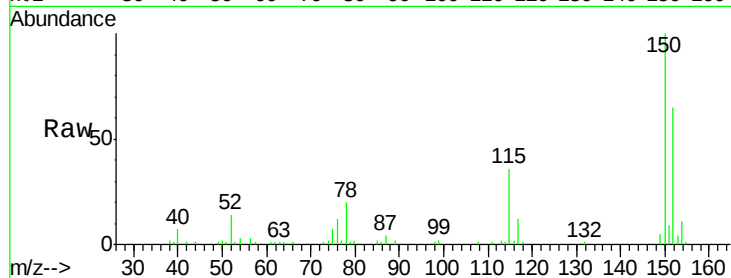
Tot Ion:152 Resp: 34823

Ion Ratio Lower Upper

152 100

150 153.2 130.1 195.1

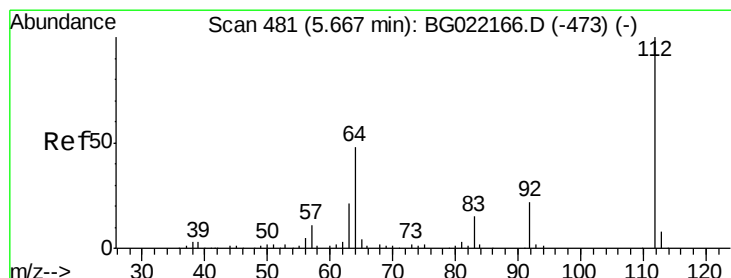
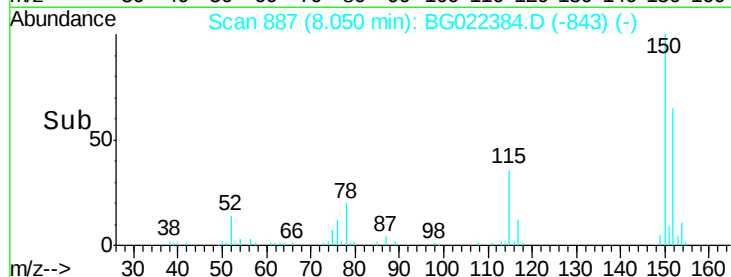
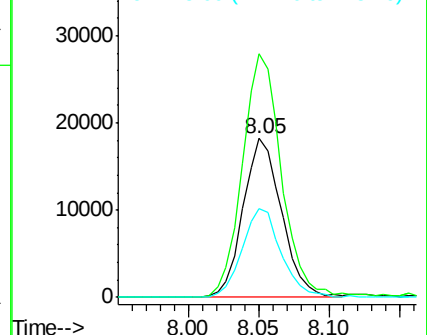
115 55.8 62.2 93.2#



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: 105.19 ng

RT: 5.62 min Scan# 473

Delta R.T. -0.02 min

Lab File: BG022384.D

Acq: 17 Jun 2016 2:59

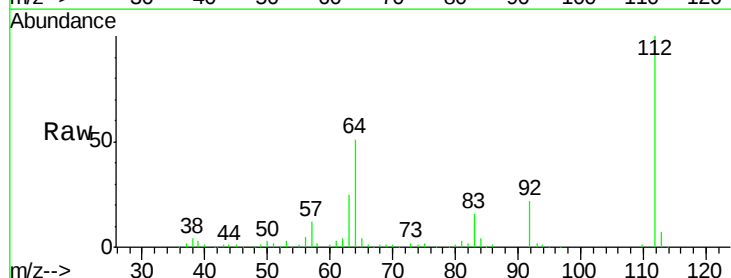
Tgt Ion:112 Resp: 189461

Ion Ratio Lower Upper

112 100

64 50.7 51.1 76.7#

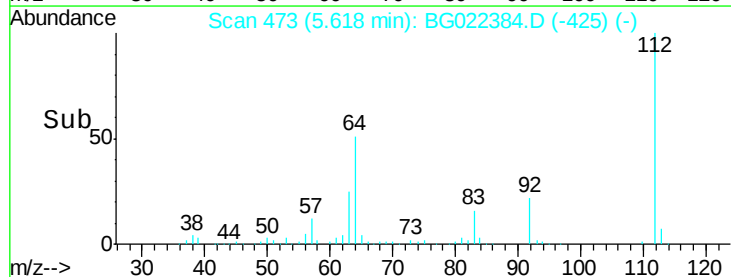
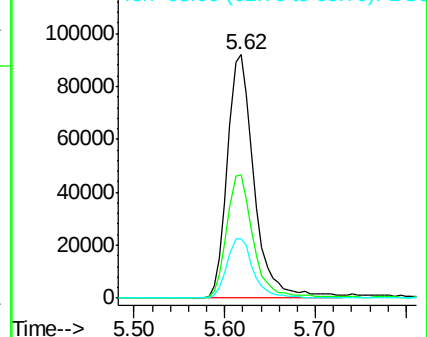
63 24.6 24.6 37.0#

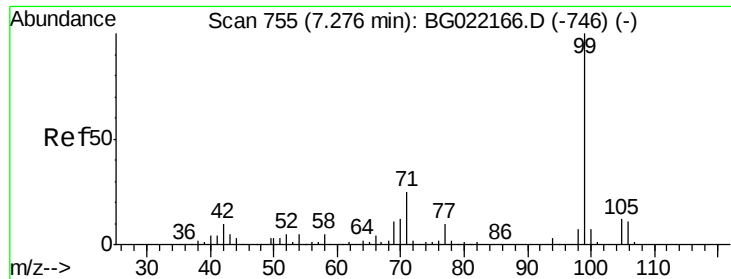


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 101.25 ng

RT: 7.25 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG022384.D

Acq: 17 Jun 2016 2:59

Instrument :

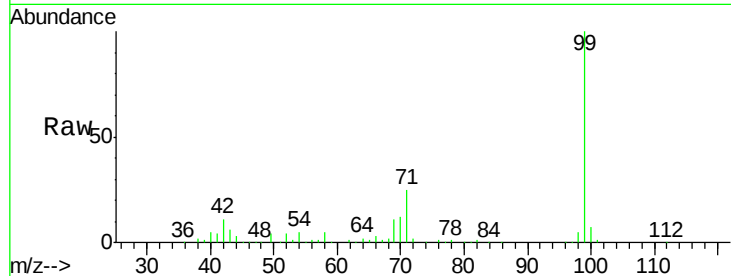
BNA_G

ClientSampleId :

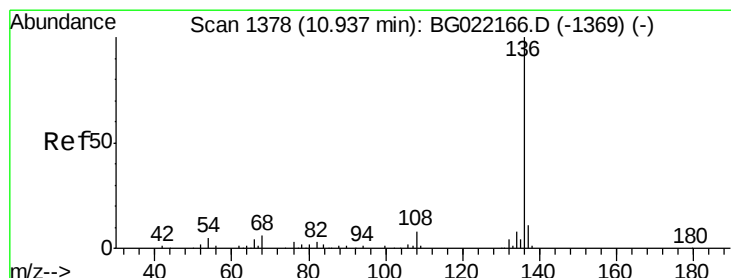
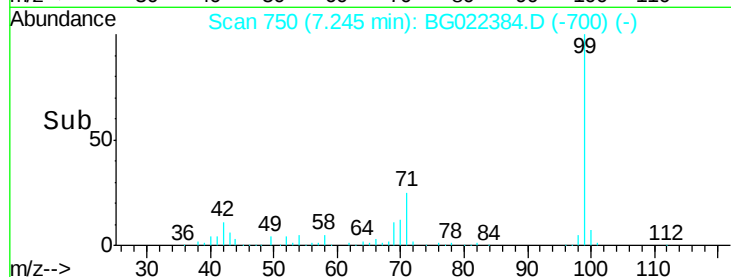
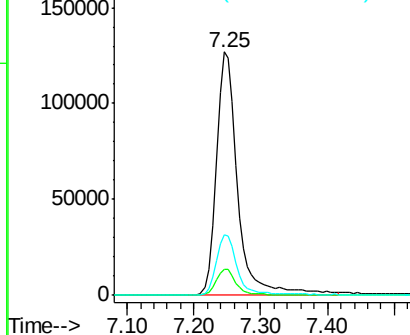
SB-03-COMP

Tot Ion: 99 Resp: 286712

Ion	Ratio	Lower	Upper
99	100		
42	10.6	16.4	24.6#
71	25.1	25.0	37.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.88 min Scan# 1368

Delta R.T. -0.03 min

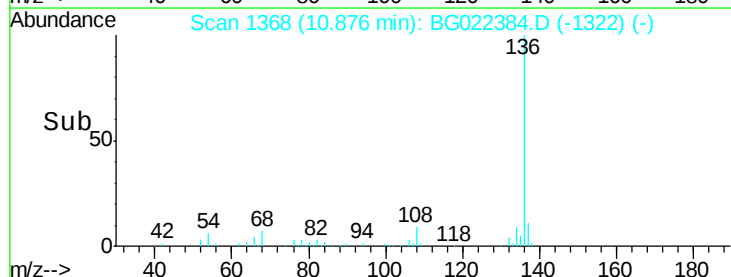
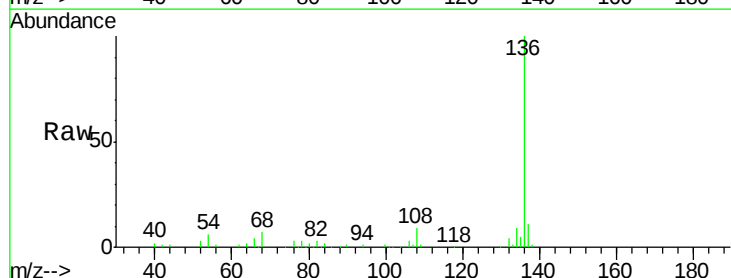
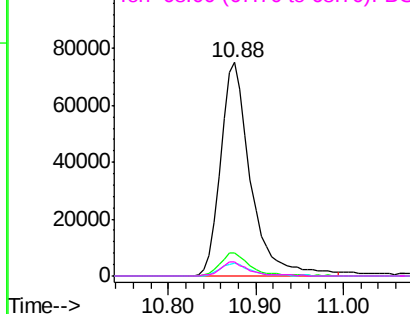
Lab File: BG022384.D

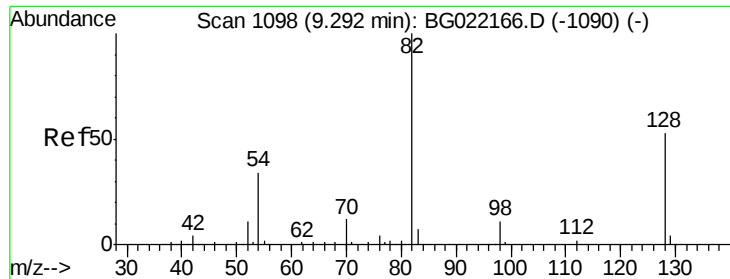
Acq: 17 Jun 2016 2:59

Tgt Ion: 136 Resp: 177297

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	5.9	9.6	14.4#
68	6.7	6.4	9.6

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

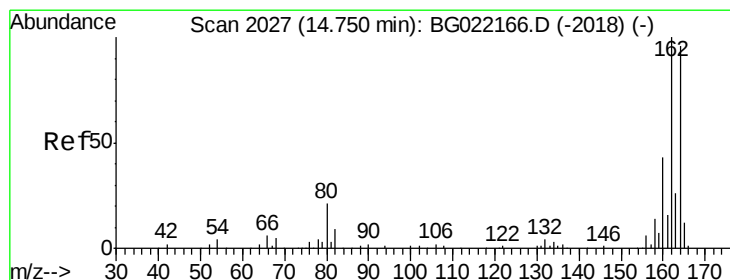
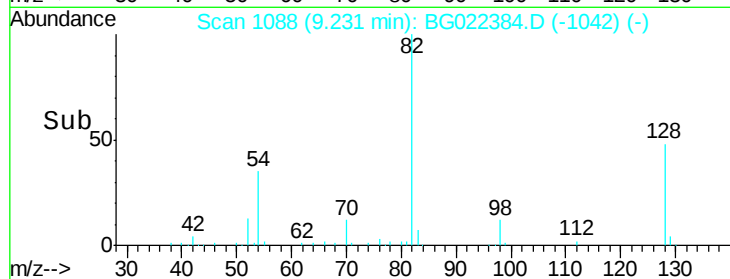
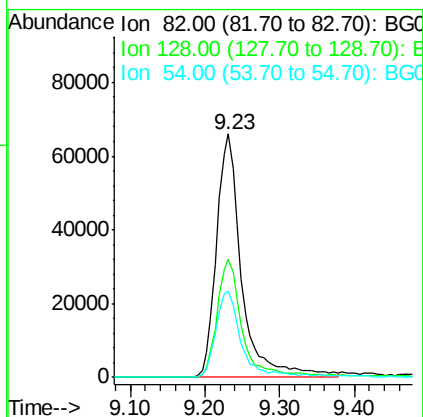
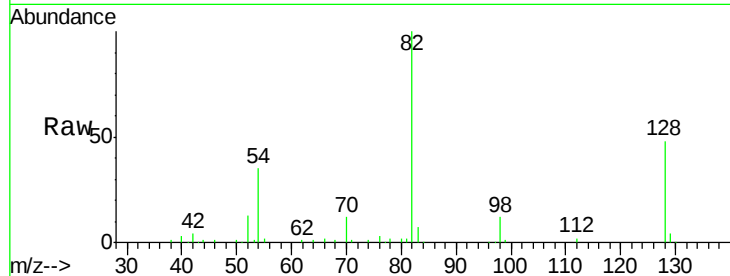




#23
 Nitrobenzene-d5
 Concen: 60.92 ng
 RT: 9.23 min Scan# 1088
 Delta R.T. -0.03 min
 Lab File: BG022384.D
 Acq: 17 Jun 2016 2:59

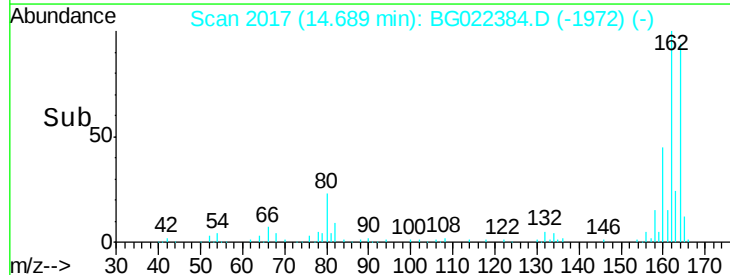
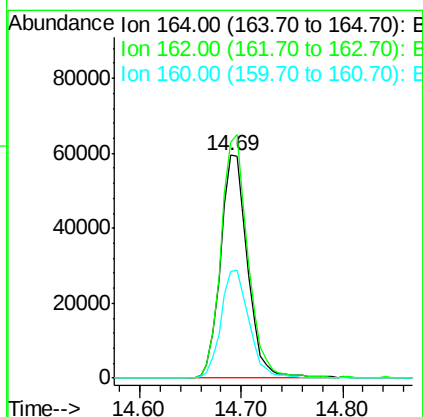
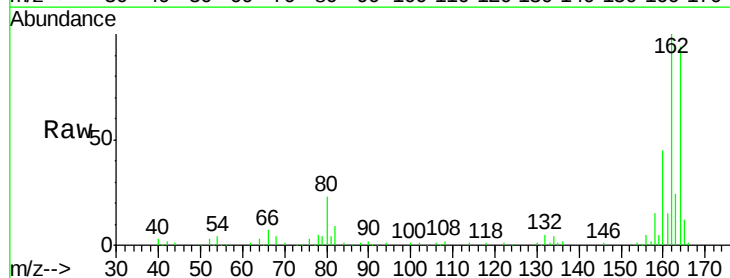
Instrument :
 BNA_G
 ClientSampleId :
 SB-03-COMP

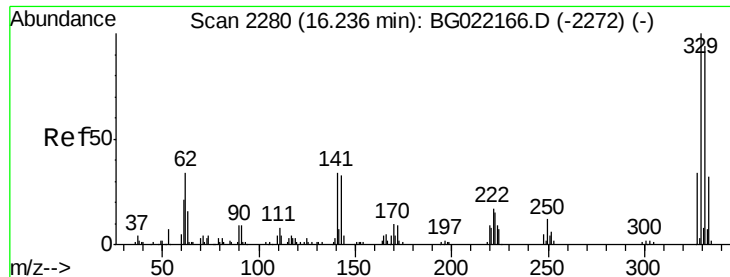
Tot Ion	82	Resp	154914
Ion Ratio	Lower	Upper	
82	100		
128	48.4	33.4	50.0
54	35.5	46.1	69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.69 min Scan# 2017
 Delta R.T. -0.03 min
 Lab File: BG022384.D
 Acq: 17 Jun 2016 2:59

Tgt Ion	164	Resp	110121
Ion Ratio	Lower	Upper	
164	100		
162	105.9	78.0	117.0
160	48.2	32.9	49.3

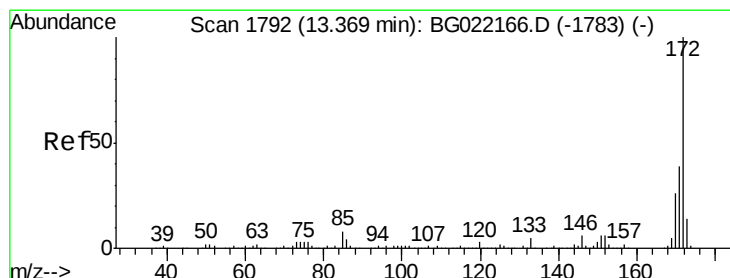
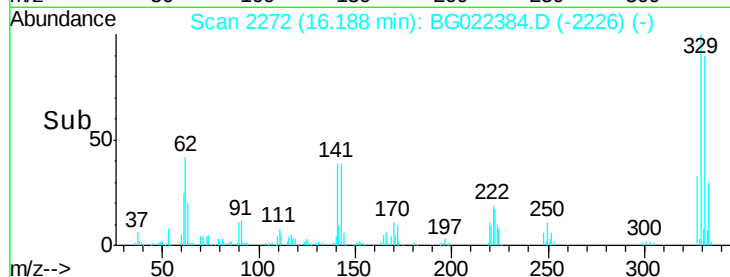
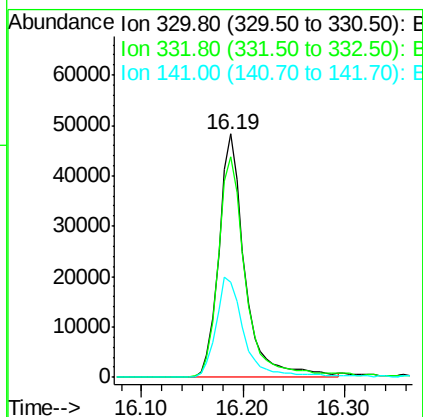
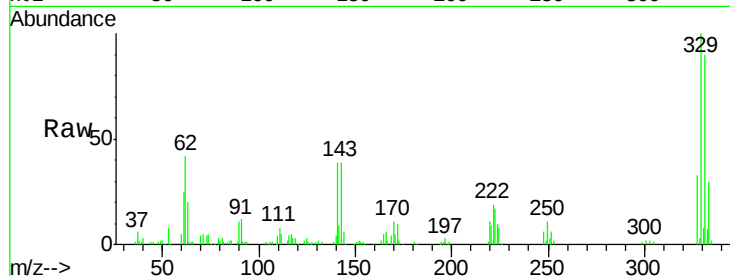




#41
 2,4,6-Tribromophenol
 Concen: 69.12 ng
 RT: 16.19 min Scan# 2272
 Delta R.T. -0.03 min
 Lab File: BG022384.D
 Acq: 17 Jun 2016 2:59

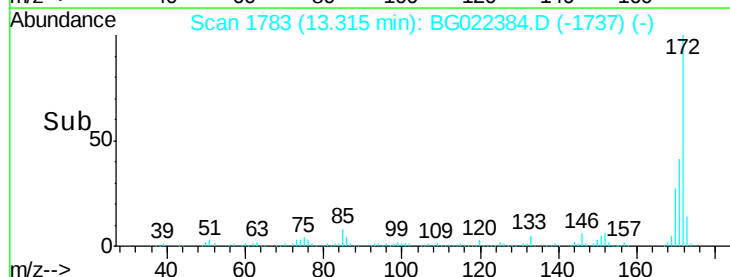
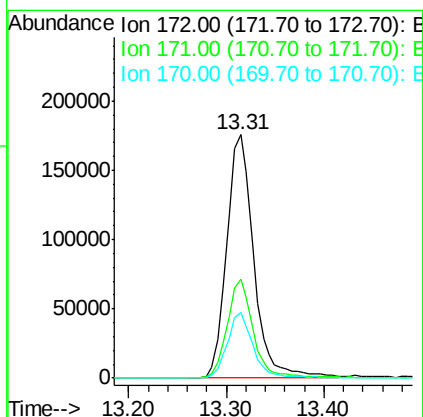
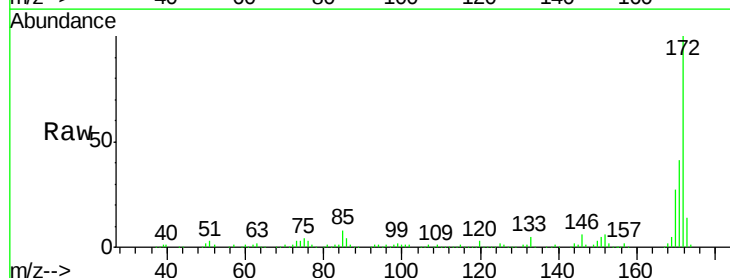
Instrument :
 BNA_G
 ClientSampleId :
 SB-03-COMP

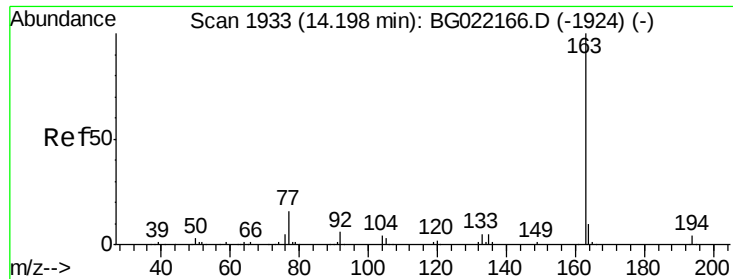
Tot Ion:330 Resp: 86004
 Ion Ratio Lower Upper
 330 100
 332 96.1 78.0 117.0
 141 44.9 33.8 50.8



#44
 2-Fluorobiphenyl
 Concen: 46.97 ng
 RT: 13.31 min Scan# 1783
 Delta R.T. -0.03 min
 Lab File: BG022384.D
 Acq: 17 Jun 2016 2:59

Tgt Ion:172 Resp: 339412
 Ion Ratio Lower Upper
 172 100
 171 40.7 27.8 41.6
 170 26.8 19.6 29.4

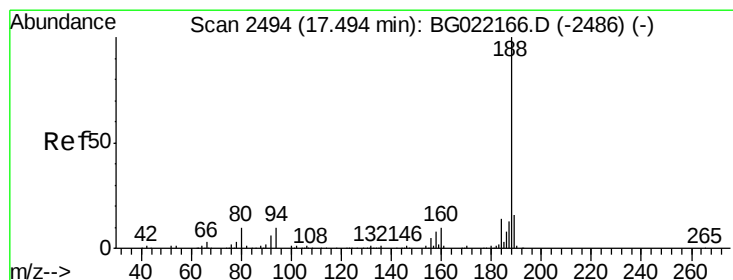
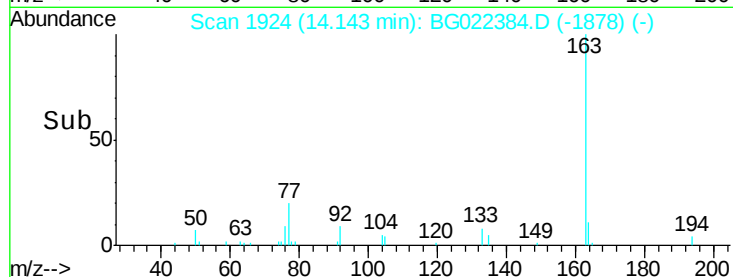
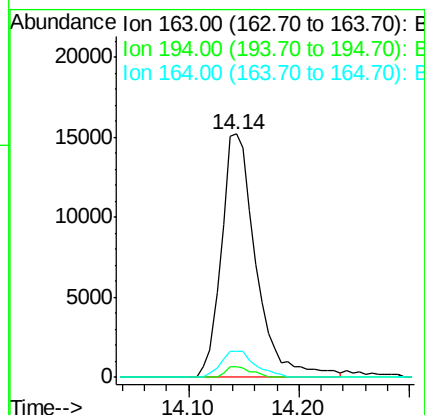
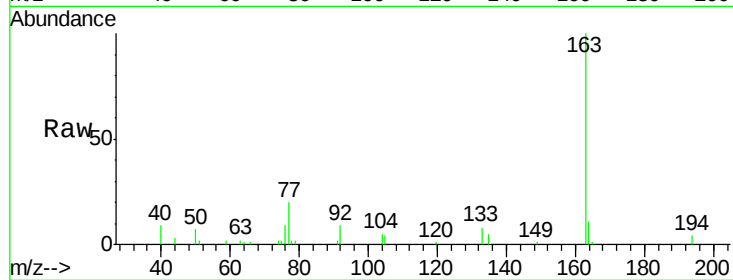




#49
Dimethylphthalate
Concen: 3.64 ng
RT: 14.14 min Scan# 1924
Delta R.T. -0.03 min
Lab File: BG022384.D
Acq: 17 Jun 2016 2:59

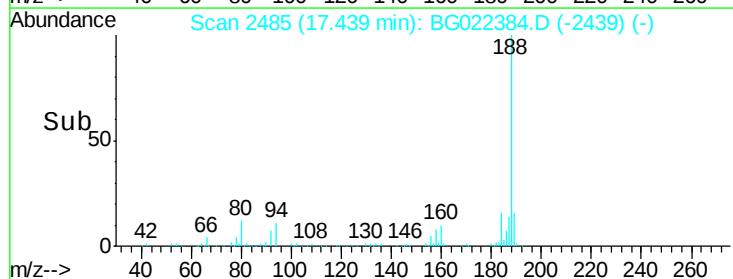
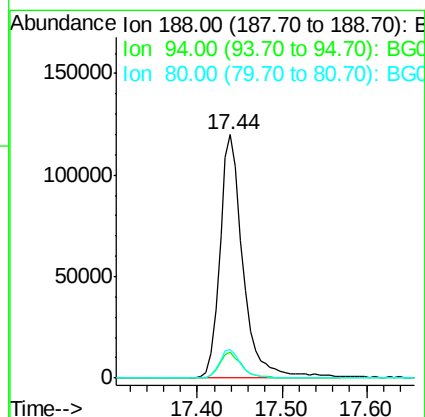
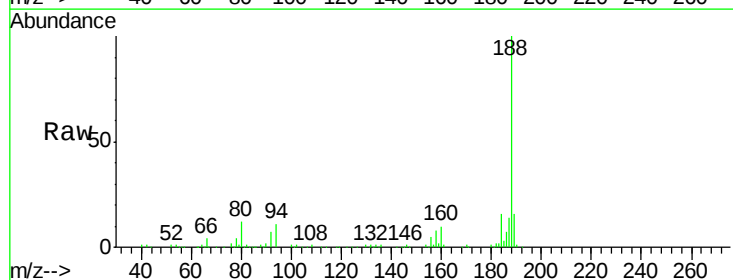
Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

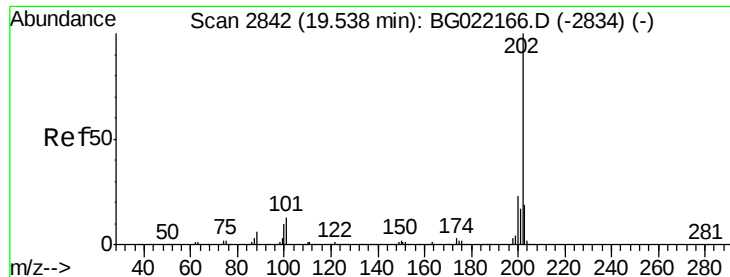
Tot Ion:163 Resp: 33258
Ion Ratio Lower Upper
163 100
194 4.5 3.0 4.6
164 10.9 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.44 min Scan# 2485
Delta R.T. -0.03 min
Lab File: BG022384.D
Acq: 17 Jun 2016 2:59

Tgt Ion:188 Resp: 228574
Ion Ratio Lower Upper
188 100
94 10.5 7.5 11.3
80 11.7 8.6 13.0





#74

Fluoranthene

Concen: 2.79 ng

RT: 19.48 min Scan# 2833

Delta R.T. -0.03 min

Lab File: BG022384.D

Acq: 17 Jun 2016 2:59

Instrument :

BNA_G

ClientSampleId :

SB-03-COMP

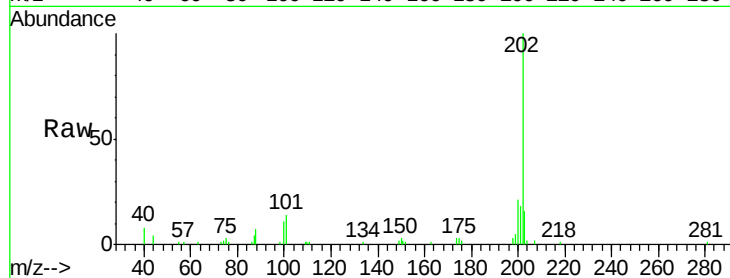
Tot Ion:202 Resp: 39859

Ion Ratio Lower Upper

202 100

101 14.4 0.0 31.0

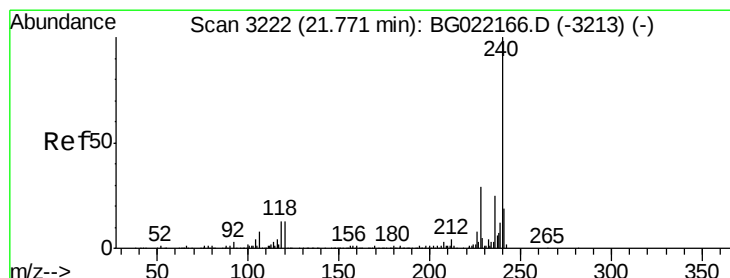
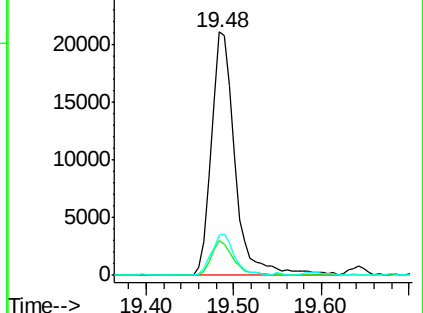
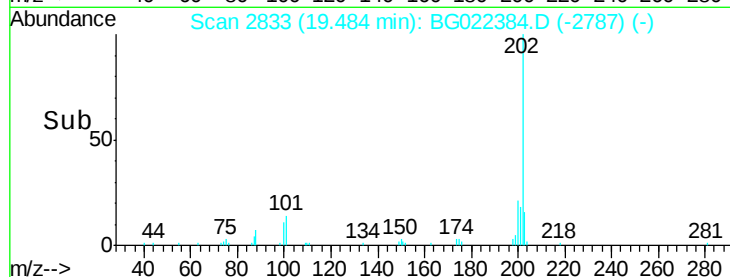
203 16.2 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.70 min Scan# 3211

Delta R.T. -0.03 min

Lab File: BG022384.D

Acq: 17 Jun 2016 2:59

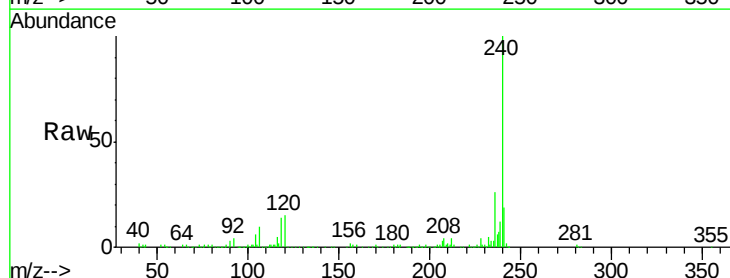
Tgt Ion:240 Resp: 187816

Ion Ratio Lower Upper

240 100

120 14.8 8.4 12.6#

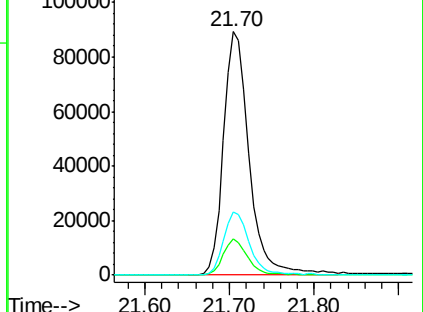
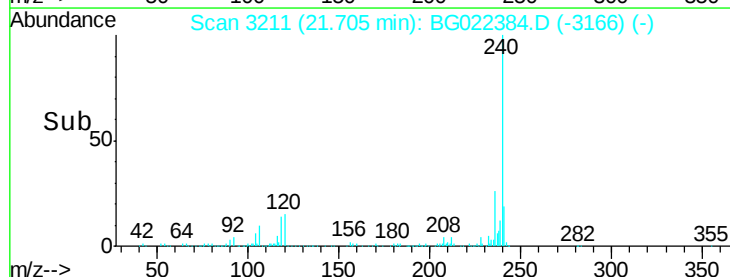
236 25.9 19.6 29.4

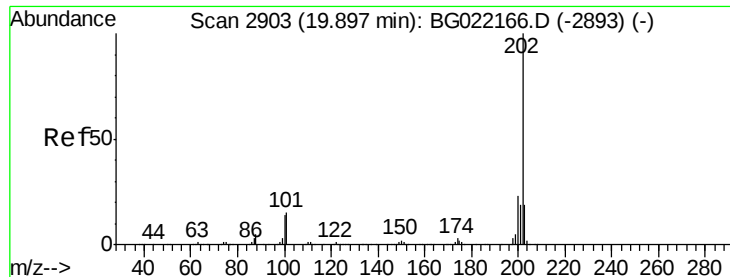


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.60 ng

RT: 19.85 min Scan# 2895

Delta R.T. -0.03 min

Lab File: BG022384.D

Acq: 17 Jun 2016 2:59

Instrument :

BNA_G

ClientSampleId :

SB-03-COMP

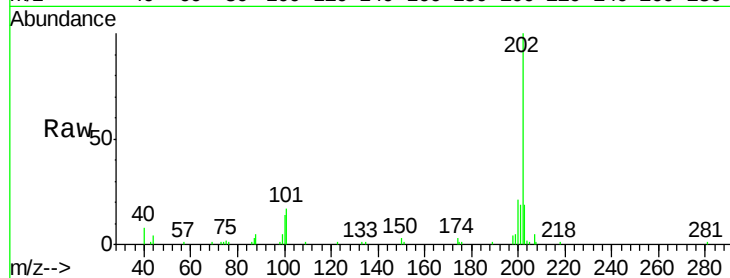
Tot Ion:202 Resp: 30308

Ion Ratio Lower Upper

202 100

200 21.4 18.2 27.2

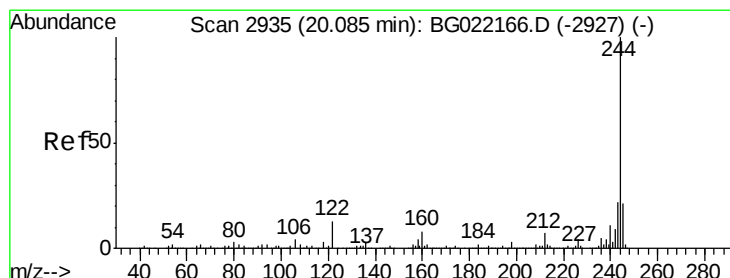
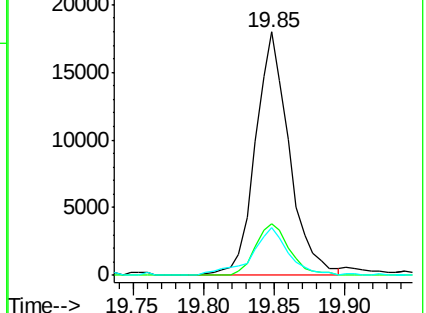
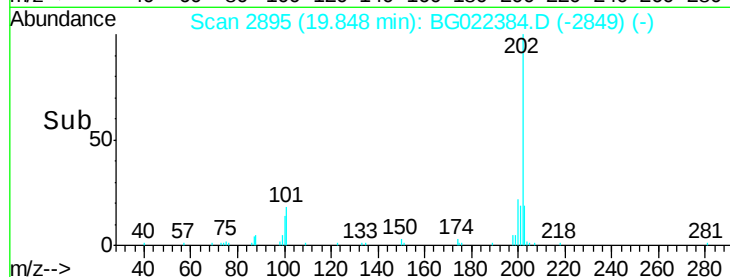
203 19.4 15.0 22.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 43.27 ng

RT: 20.04 min Scan# 2927

Delta R.T. -0.02 min

Lab File: BG022384.D

Acq: 17 Jun 2016 2:59

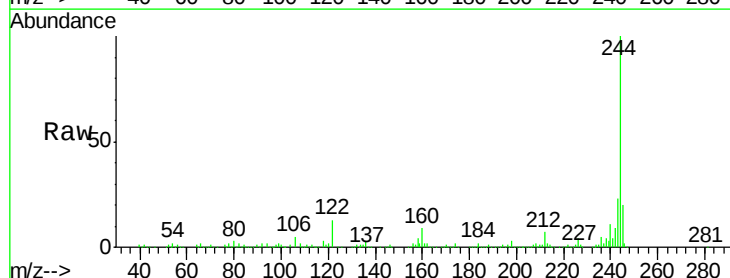
Tgt Ion:244 Resp: 342339

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

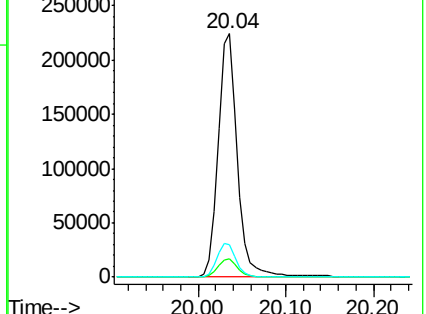
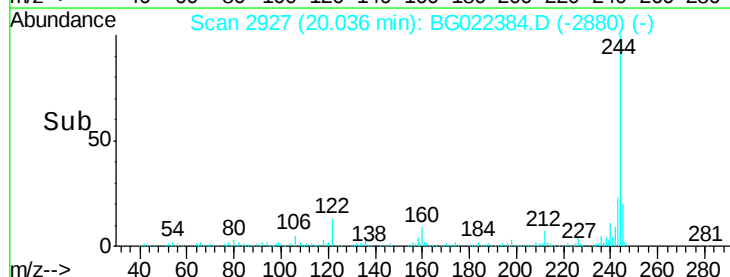
122 13.3 8.6 12.8#

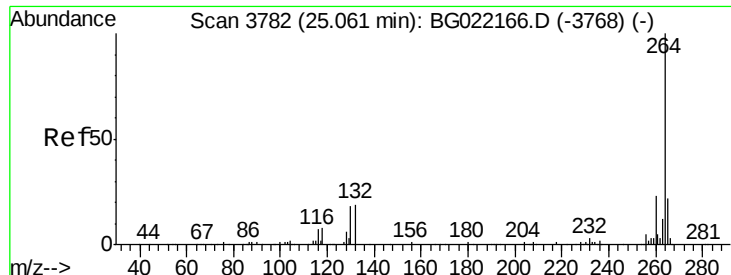


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

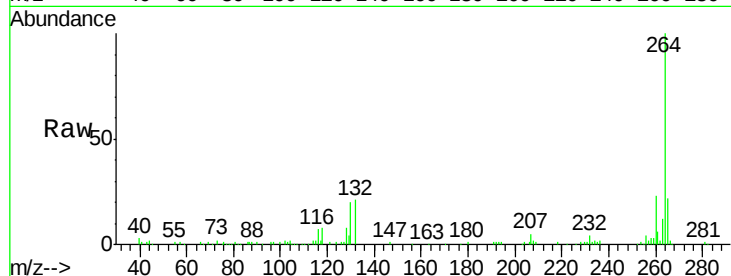




#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.97 min Scan# 3766
Delta R.T. -0.05 min
Lab File: BG022384.D
Acq: 17 Jun 2016 2:59

Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	20.2	30.4
265	22.0	17.8	26.8



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

