

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062116\
 Data File : BG022471.D
 Acq On : 21 Jun 2016 18:13
 Operator : UM/SJ
 Sample : H3631-14
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-DA-4-COMP

Quant Time: Jun 22 01:47:18 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

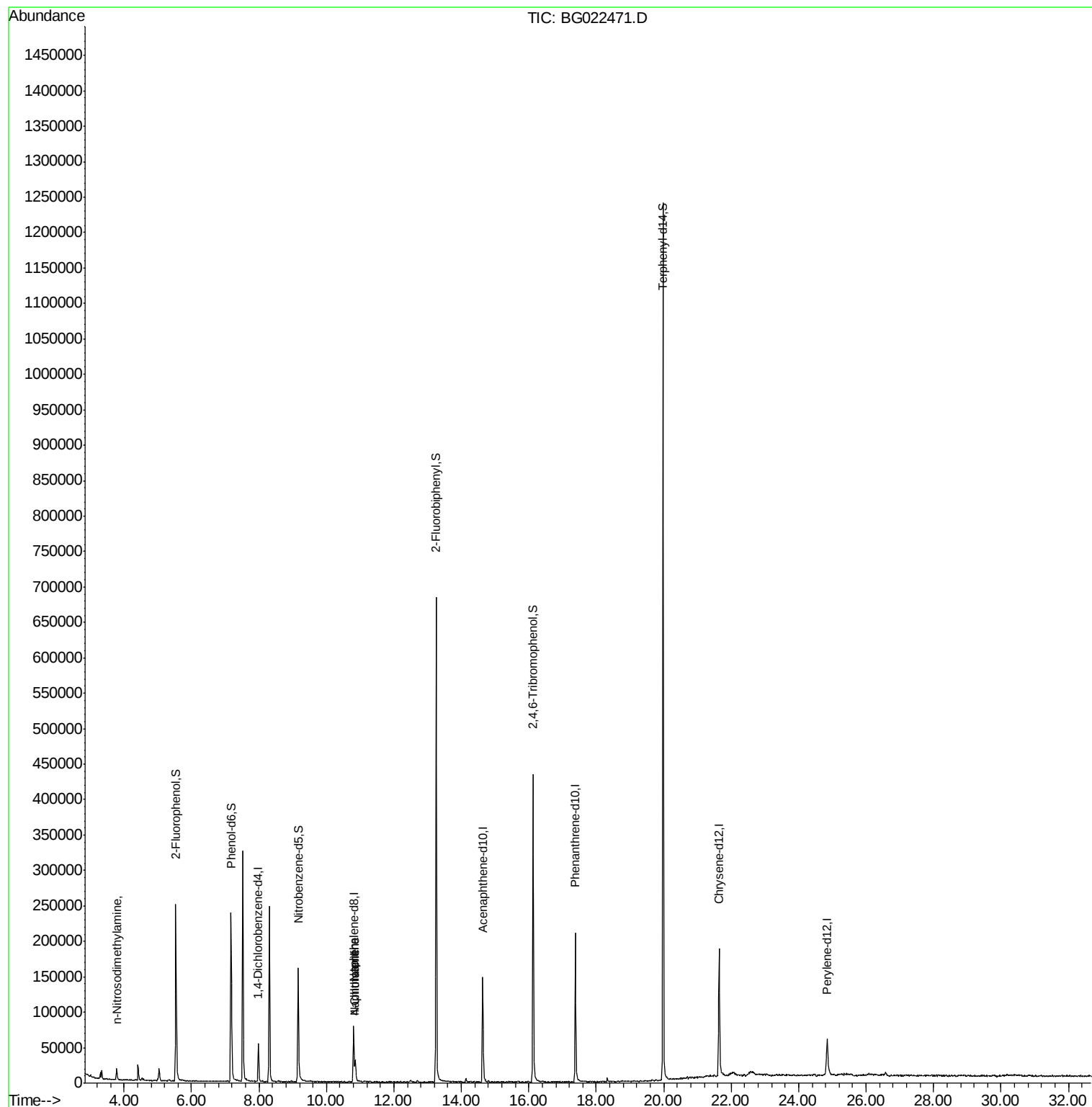
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	19810	20.00	ng	-0.11
21) Naphthalene-d8	10.81	136	99580	20.00	ng	-0.10
38) Acenaphthene-d10	14.63	164	58255	20.00	ng	-0.09
63) Phenanthrene-d10	17.38	188	148921	20.00	ng	-0.09
75) Chrysene-d12	21.64	240	120036	20.00	ng	-0.10
86) Perylene-d12	24.85	264	51510	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	174411	170.23	ng	-0.10
7) Phenol-d6	7.17	99	223498	138.74	ng	-0.08
23) Nitrobenzene-d5	9.16	82	143825	100.69	ng	-0.10
41) 2,4,6-Tribromophenol	16.13	330	91802	139.46	ng	-0.09
44) 2-Fluorobiphenyl	13.25	172	421598	110.29	ng	-0.09
78) Terphenyl-d14	19.98	244	590774	116.84	ng	-0.08
Target Compounds						
4) n-Nitrosodimethylamine	3.78	42	729	2.46	ng	# 1
31) Naphthalene	10.86	128	33434	6.73	ng	# 95
33) 4-Chloroaniline	10.85	127	4290	2.08	ng	# 31

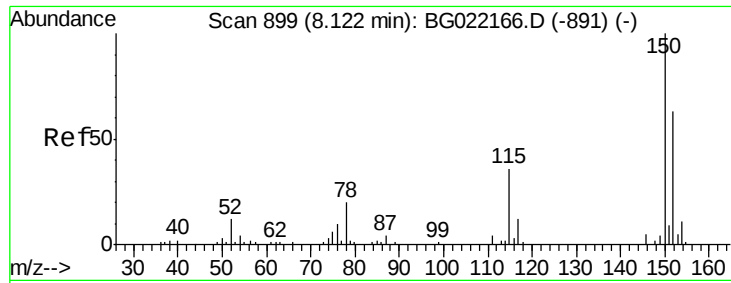
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.98 min Scan# 875

Delta R.T. -0.11 min

Lab File: BG022471.D

Acq: 21 Jun 2016 18:13

Instrument :

BNA_G

ClientSampleId :

PL-DA-4-COMP

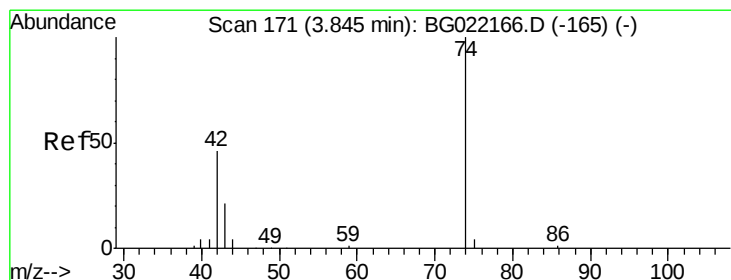
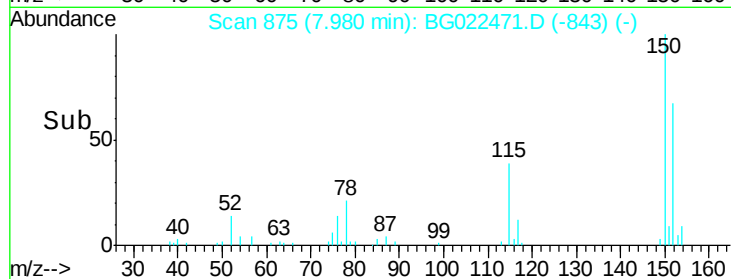
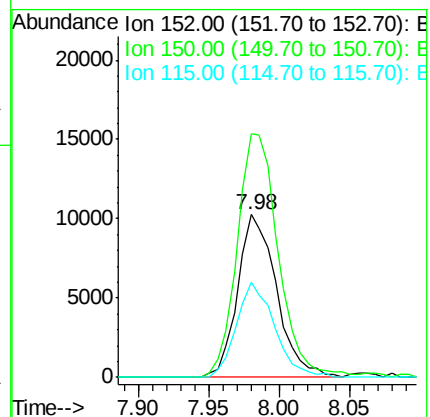
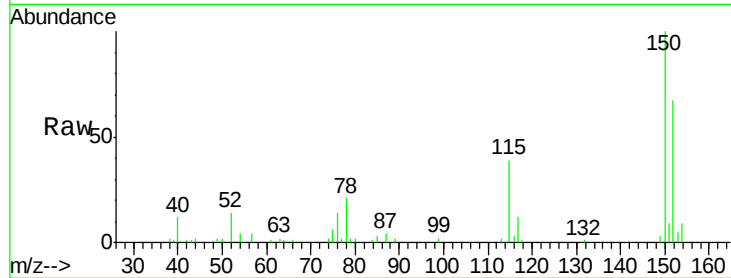
Tgt Ion:152 Resp: 19810

Ion Ratio Lower Upper

152 100

150 149.9 130.1 195.1

115 58.3 62.2 93.2#



#4

n-Nitrosodimethylamine

Concen: 2.46 ng

RT: 3.78 min Scan# 160

Delta R.T. -0.03 min

Lab File: BG022471.D

Acq: 21 Jun 2016 18:13

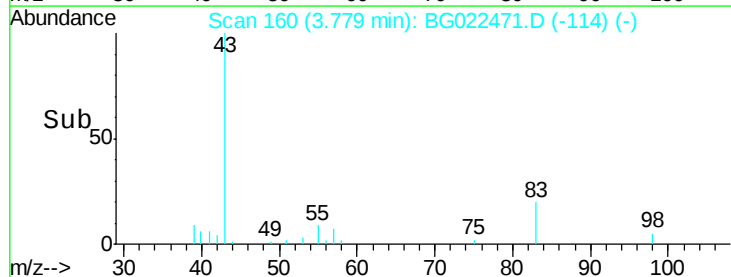
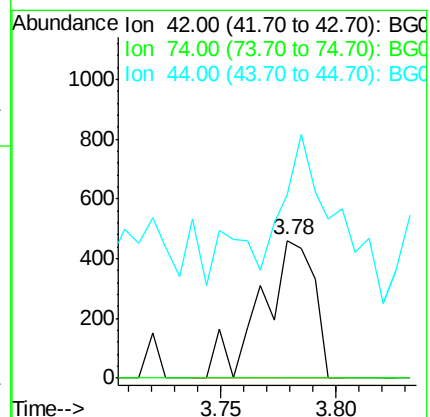
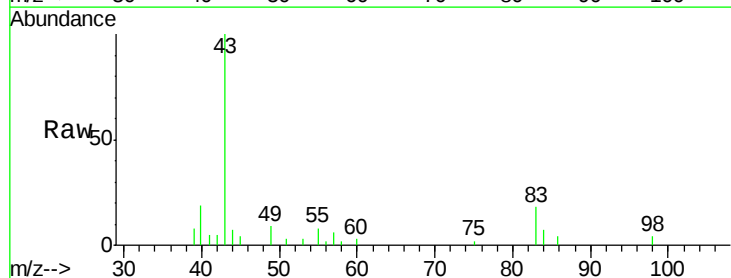
Tgt Ion: 42 Resp: 729

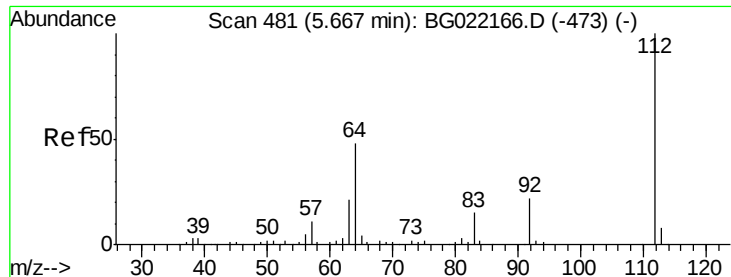
Ion Ratio Lower Upper

42 100

74 0.0 184.0 276.0#

44 133.2 11.0 16.6#





#5

2-Fluorophenol

Concen: 170.23 ng

RT: 5.54 min Scan# 459

Delta R.T. -0.10 min

Lab File: BG022471.D

Acq: 21 Jun 2016 18:13

Instrument :

BNA_G

ClientSampleId :

PL-DA-4-COMP

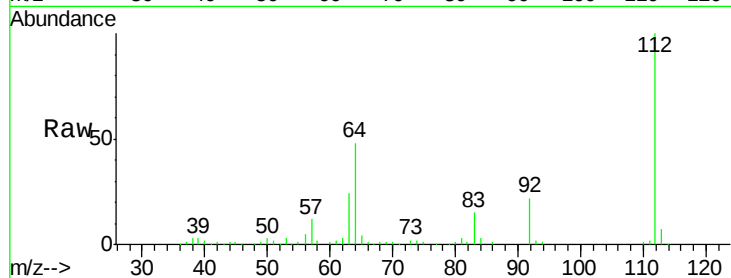
Tgt Ion: 112 Resp: 174411

Ion Ratio Lower Upper

112 100

64 48.1 51.1 76.7#

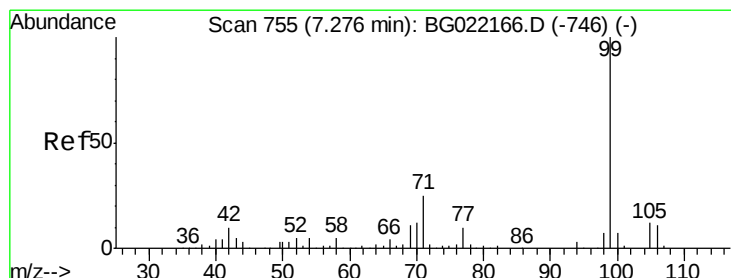
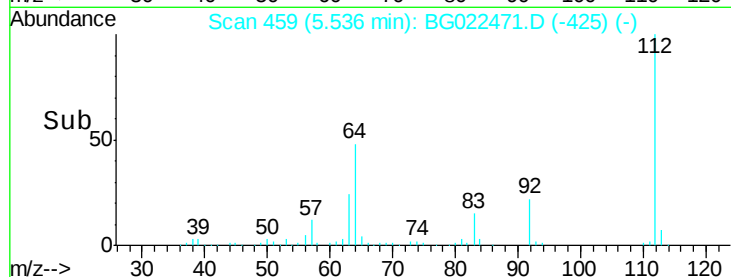
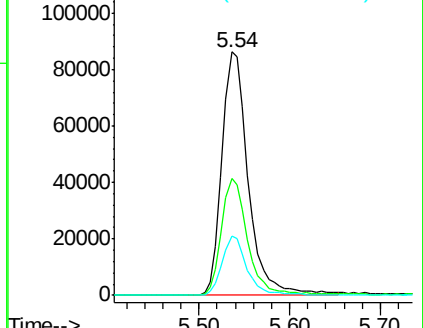
63 24.3 24.6 37.0#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 138.74 ng

RT: 7.17 min Scan# 738

Delta R.T. -0.08 min

Lab File: BG022471.D

Acq: 21 Jun 2016 18:13

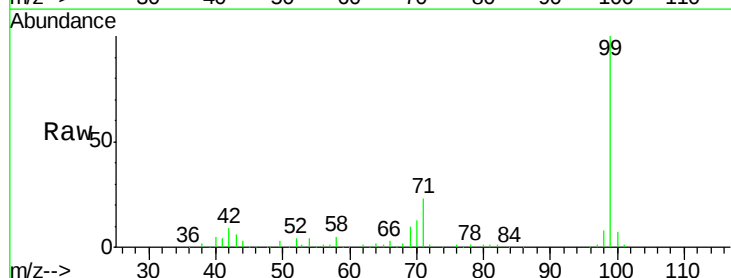
Tgt Ion: 99 Resp: 223498

Ion Ratio Lower Upper

99 100

42 9.4 16.4 24.6#

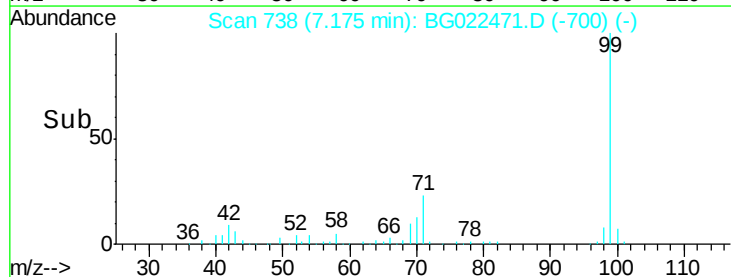
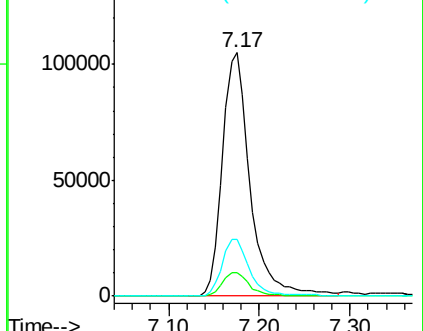
71 23.4 25.0 37.4#

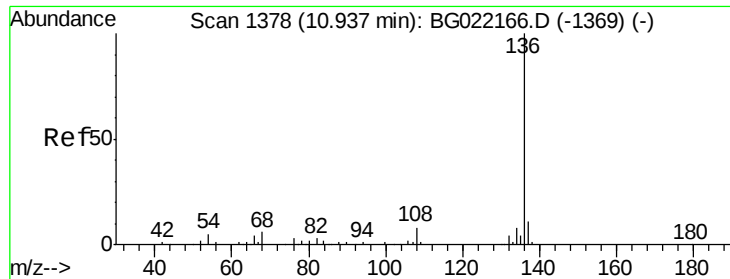


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

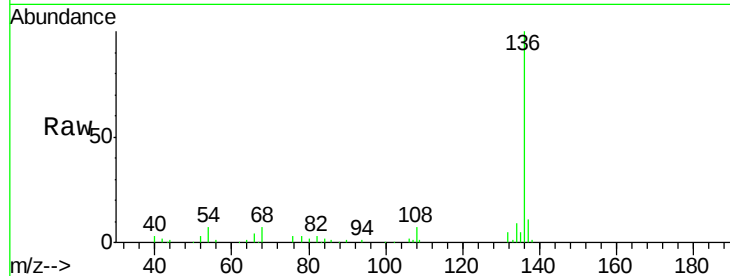




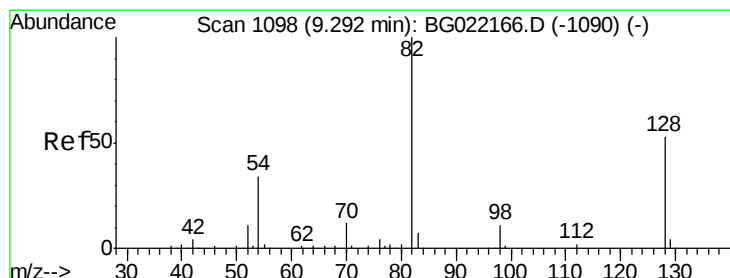
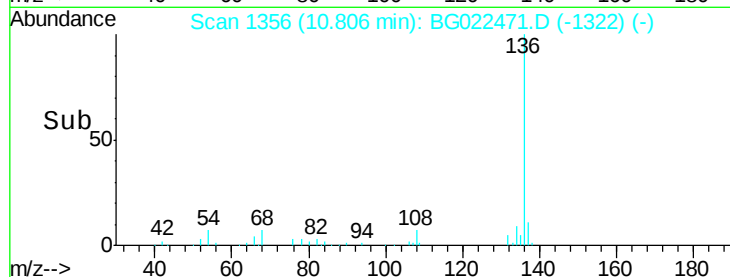
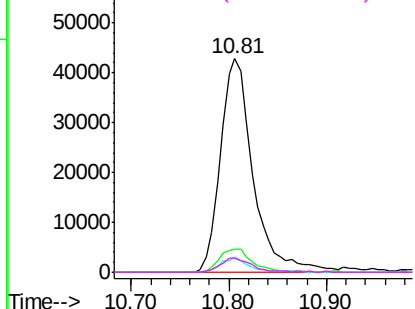
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.81 min Scan# 1356
Delta R.T. -0.10 min
Lab File: BG022471.D
Acq: 21 Jun 2016 18:13

Instrument :
BNA_G
ClientSampleId :
PL-DA-4-COMP

Tgt Ion:	136	Resp:	99580
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	7.2	9.6	14.4#
68	6.8	6.4	9.6

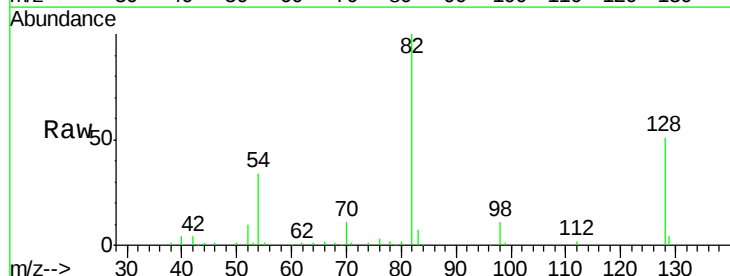


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

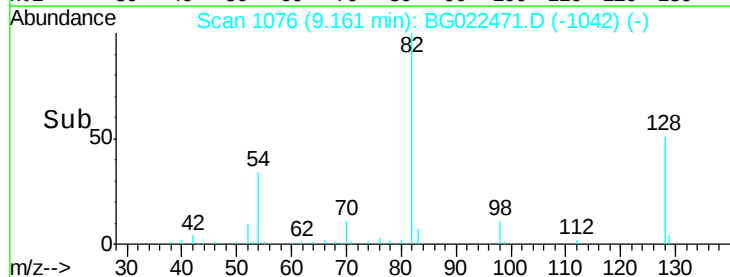
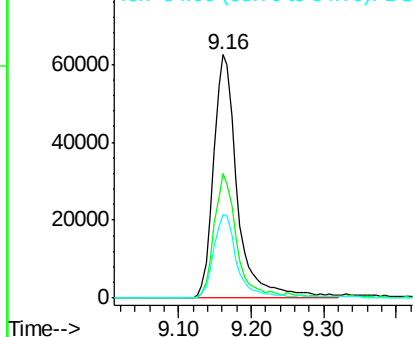


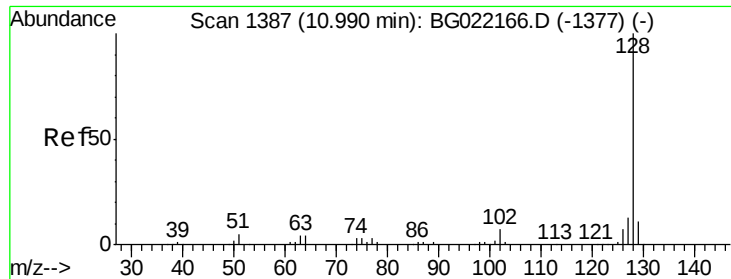
#23
Nitrobenzene-d5
Concen: 100.69 ng
RT: 9.16 min Scan# 1076
Delta R.T. -0.10 min
Lab File: BG022471.D
Acq: 21 Jun 2016 18:13

Tgt Ion:	82	Resp:	143825
Ion	Ratio	Lower	Upper
82	100		
128	51.1	33.4	50.0#
54	34.4	46.1	69.1#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

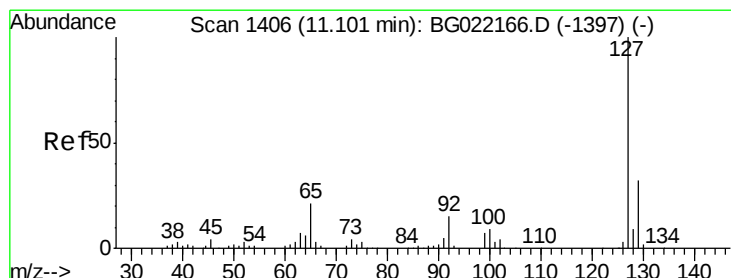
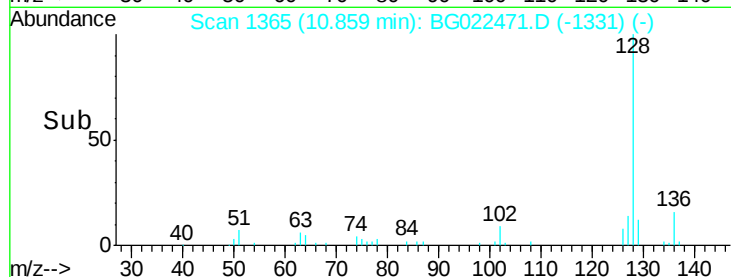
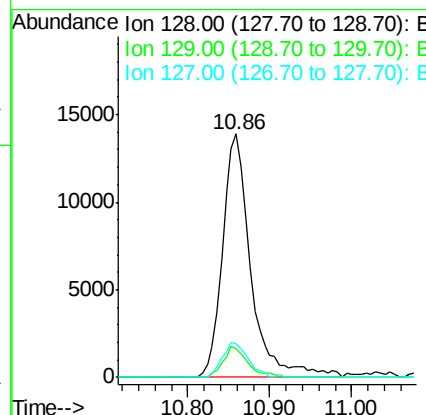
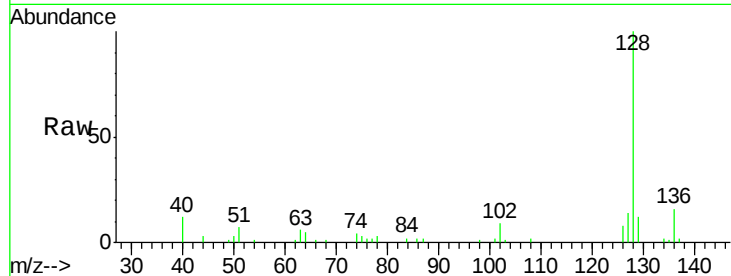




#31
Naphthalene
Concen: 6.73 ng
RT: 10.86 min Scan# 1365
Delta R.T. -0.10 min
Lab File: BG022471.D
Acq: 21 Jun 2016 18:13

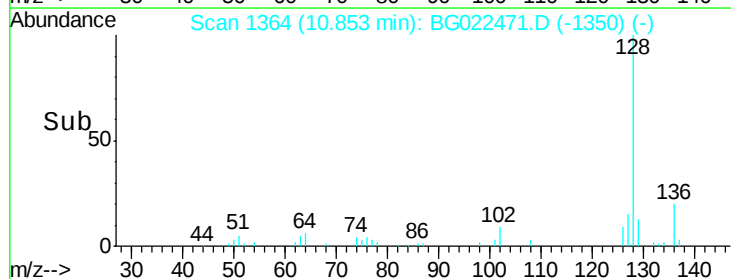
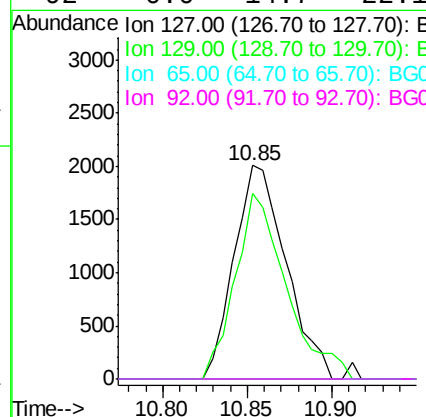
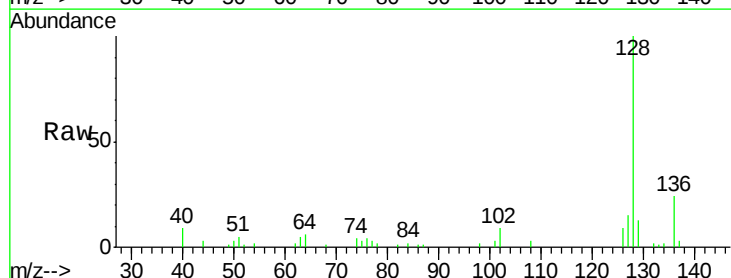
Instrument :
BNA_G
ClientSampleId :
PL-DA-4-COMP

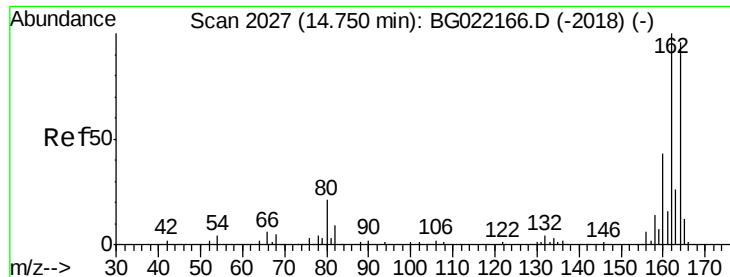
Tgt Ion:128 Resp: 33434
Ion Ratio Lower Upper
128 100
129 11.6 7.0 10.6#
127 14.1 10.1 15.1



#33
4-Chloroaniline
Concen: 2.08 ng
RT: 10.85 min Scan# 1364
Delta R.T. -0.22 min
Lab File: BG022471.D
Acq: 21 Jun 2016 18:13

Tgt Ion:127 Resp: 4290
Ion Ratio Lower Upper
127 100
129 86.8 26.6 39.8#
65 0.0 27.5 41.3#
92 0.0 14.7 22.1#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.63 min Scan# 2007

Delta R.T. -0.09 min

Lab File: BG022471.D

Acq: 21 Jun 2016 18:13

Instrument :

BNA_G

ClientSampleId :

PL-DA-4-COMP

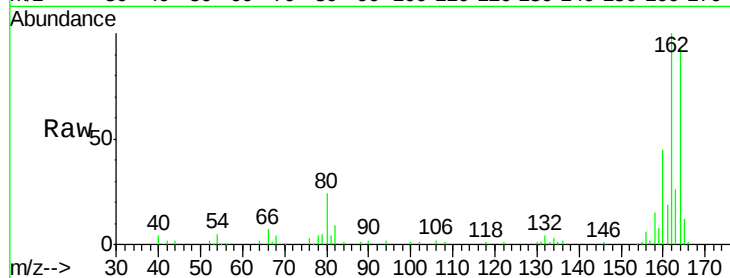
Tgt Ion:164 Resp: 58255

Ion Ratio Lower Upper

164 100

162 107.5 78.0 117.0

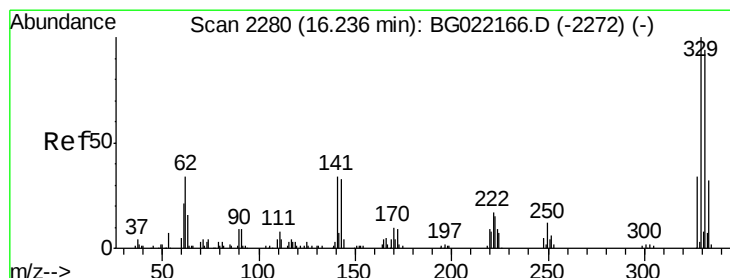
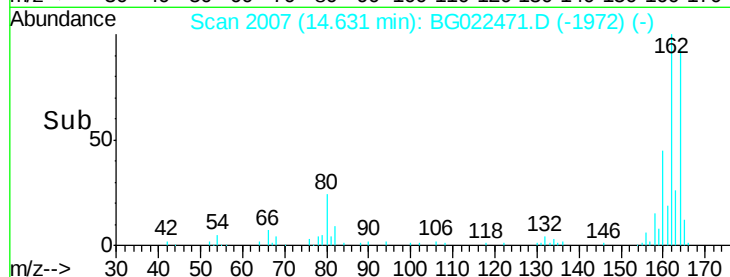
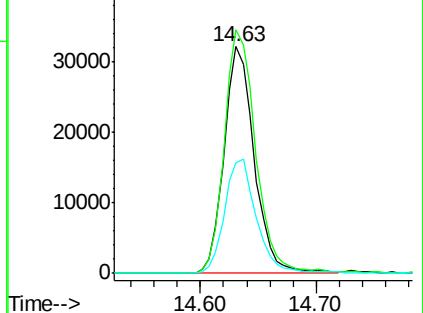
160 48.9 32.9 49.3



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: 139.46 ng

RT: 16.13 min Scan# 2262

Delta R.T. -0.09 min

Lab File: BG022471.D

Acq: 21 Jun 2016 18:13

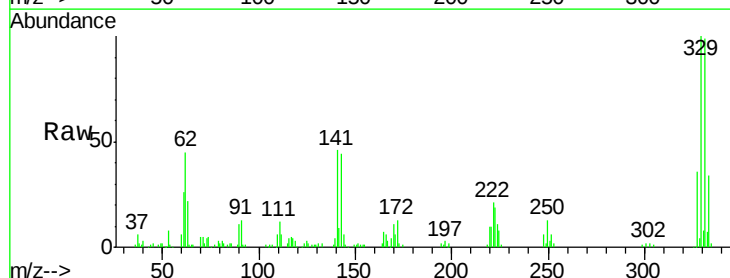
Tgt Ion:330 Resp: 91802

Ion Ratio Lower Upper

330 100

332 96.5 78.0 117.0

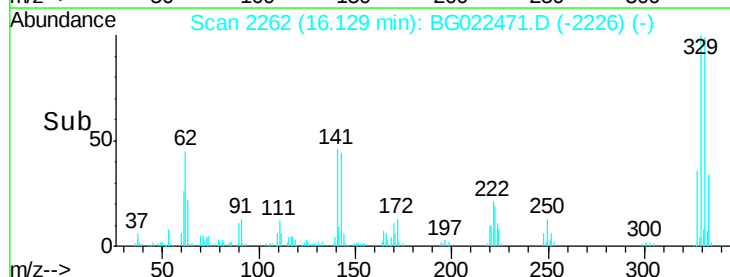
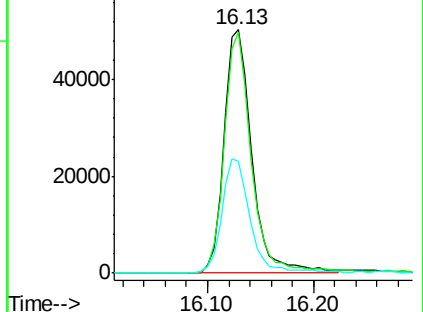
141 47.1 33.8 50.8

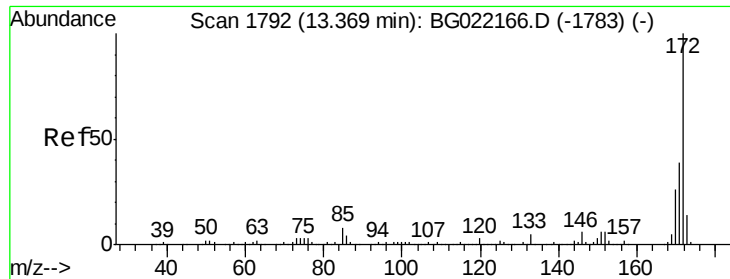


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

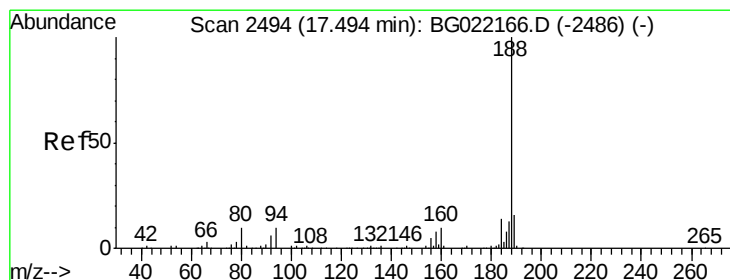
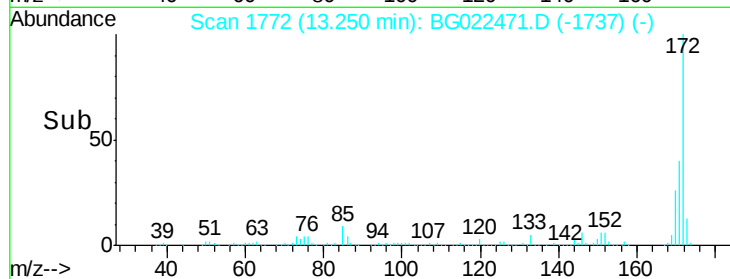
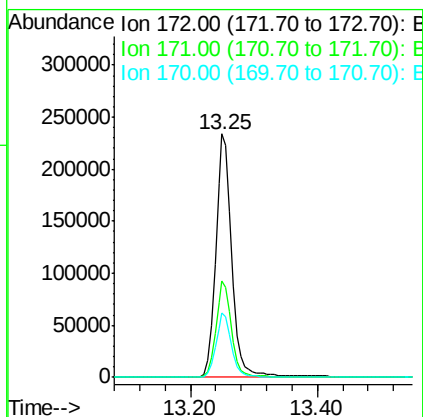
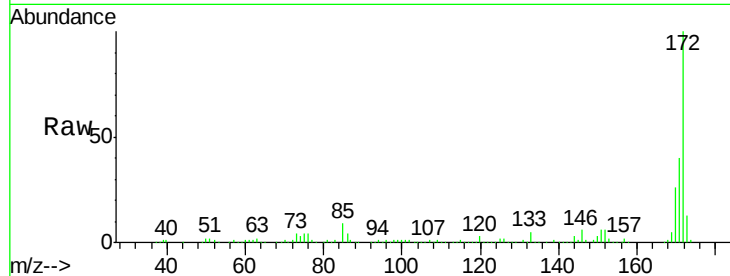




#44
 2-Fluorobiphenyl
 Concen: 110.29 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.09 min
 Lab File: BG022471.D
 Acq: 21 Jun 2016 18:13

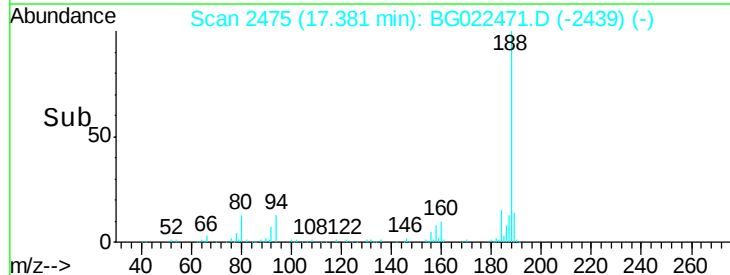
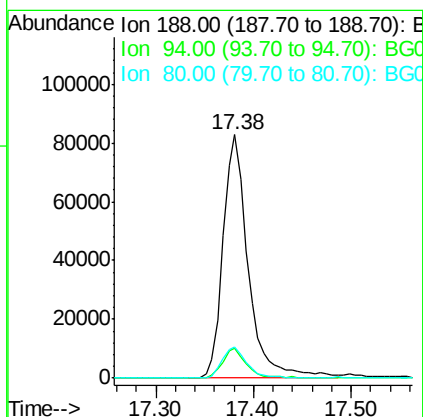
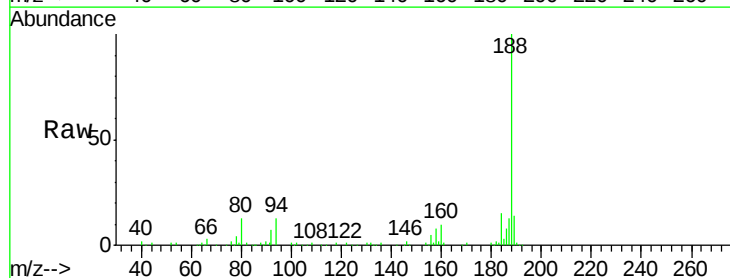
Instrument :
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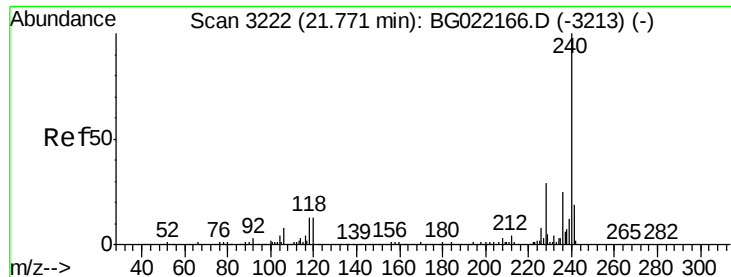
Tgt Ion:172 Resp: 421598
 Ion Ratio Lower Upper
 172 100
 171 39.5 27.8 41.6
 170 26.3 19.6 29.4



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.38 min Scan# 2475
 Delta R.T. -0.09 min
 Lab File: BG022471.D
 Acq: 21 Jun 2016 18:13

Tgt Ion:188 Resp: 148921
 Ion Ratio Lower Upper
 188 100
 94 12.5 7.5 11.3#
 80 12.8 8.6 13.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.64 min Scan# 3200

Delta R.T. -0.10 min

Lab File: BG022471.D

Acq: 21 Jun 2016 18:13

Instrument :

BNA_G

ClientSampleId :

PL-DA-4-COMP

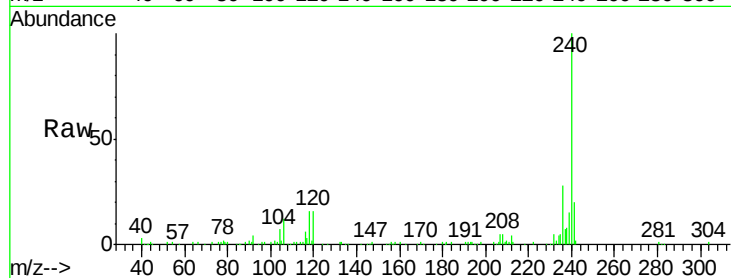
Tgt Ion:240 Resp: 120036

Ion Ratio Lower Upper

240 100

120 16.4 8.4 12.6#

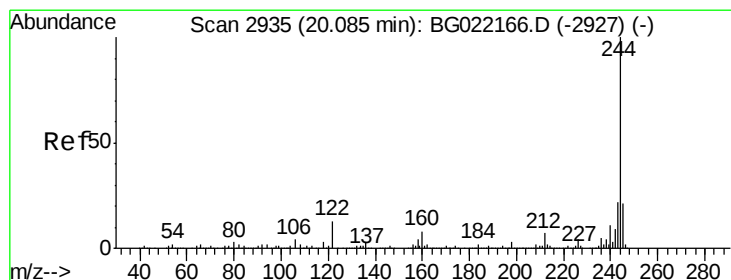
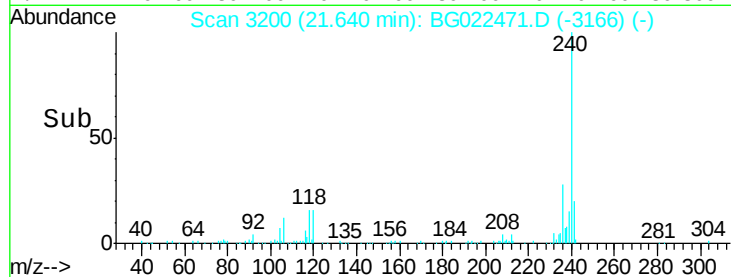
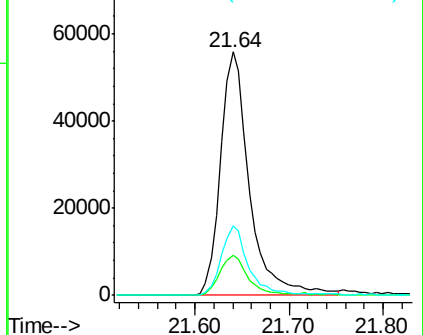
236 28.3 19.6 29.4



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



#78

Terphenyl-d14

Concen: 116.84 ng

RT: 19.98 min Scan# 2918

Delta R.T. -0.08 min

Lab File: BG022471.D

Acq: 21 Jun 2016 18:13

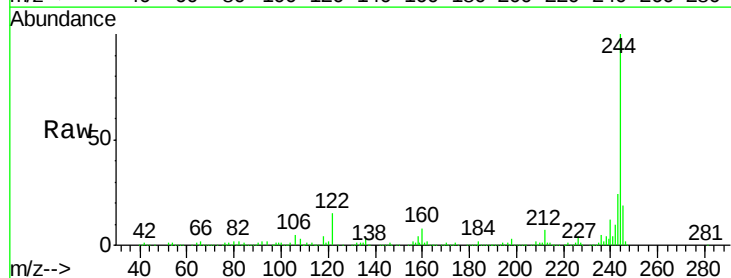
Tgt Ion:244 Resp: 590774

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

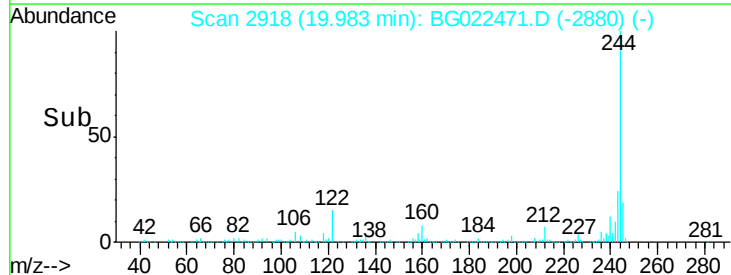
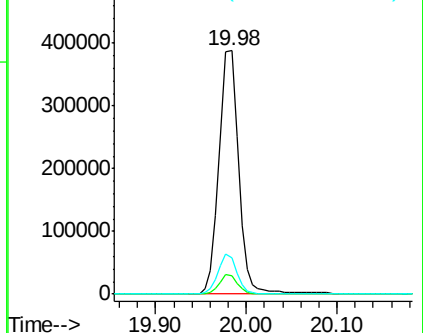
122 14.7 8.6 12.8#

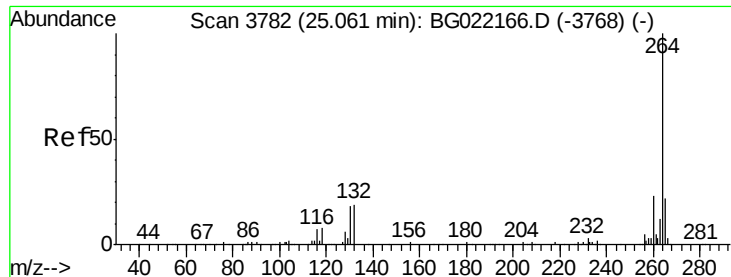


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.85 min Scan# 3746
Delta R.T. -0.16 min
Lab File: BG022471.D
Acq: 21 Jun 2016 18:13

Instrument :
BNA_G
ClientSampleId :
PL-DA-4-COMP

Tgt Ion:	264	Resp:	51510
Ion	Ratio	Lower	Upper
264	100		
260	27.8	20.2	30.4
265	19.9	17.8	26.8

