

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061716\
 Data File : BG022410.D
 Acq On : 18 Jun 2016 5:55
 Operator : UM/SJ
 Sample : H3501-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB3-6-8

Quant Time: Jun 18 06:41:36 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

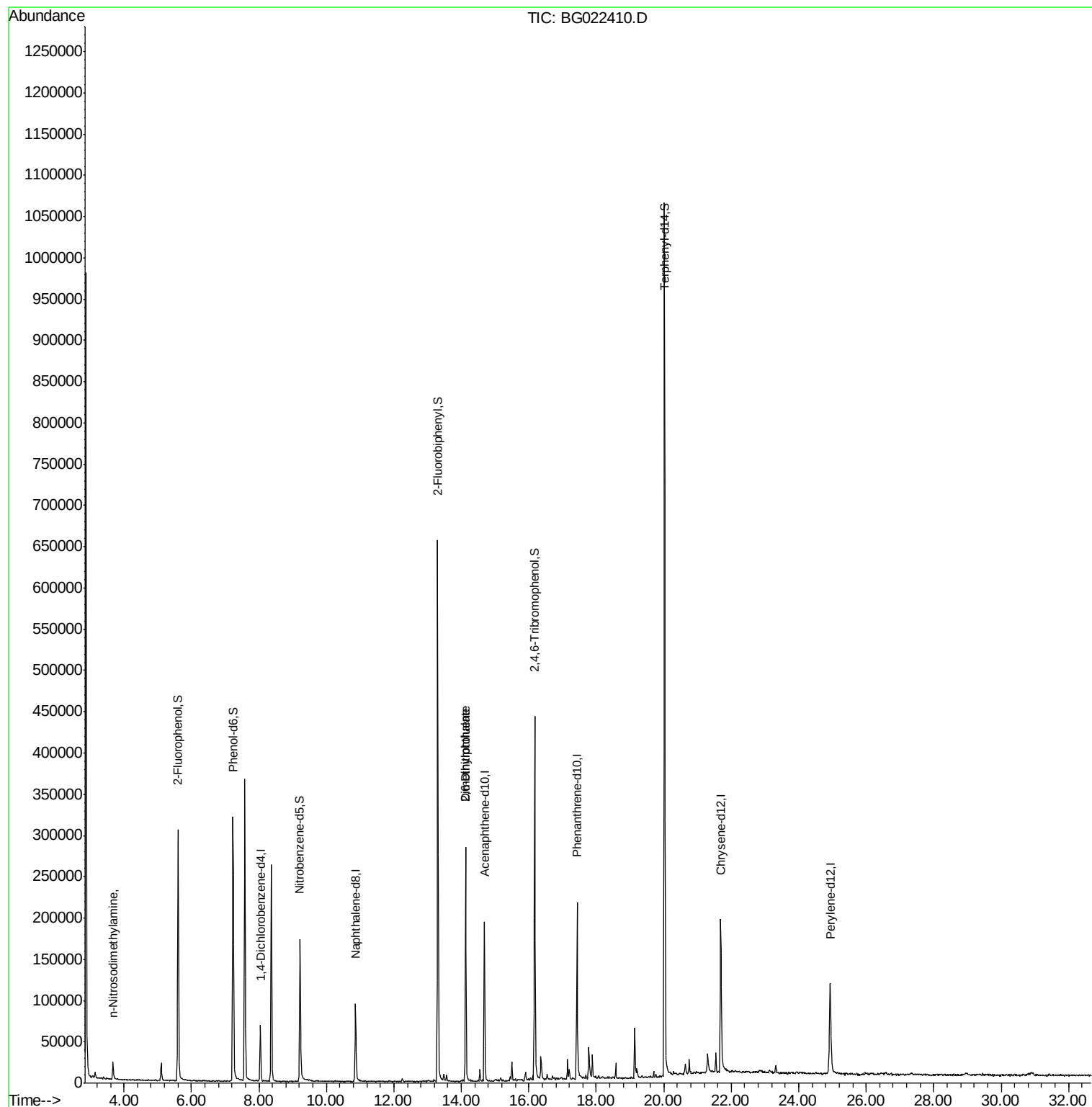
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	23743	20.00	ng	-0.05
21) Naphthalene-d8	10.86	136	119059	20.00	ng	-0.04
38) Acenaphthene-d10	14.68	164	74566	20.00	ng	-0.04
63) Phenanthrene-d10	17.43	188	159739	20.00	ng	-0.04
75) Chrysene-d12	21.69	240	145601	20.00	ng	-0.05
86) Perylene-d12	24.93	264	129787	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	200662	163.40	ng	-0.03
7) Phenol-d6	7.24	99	292496	151.49	ng	-0.01
23) Nitrobenzene-d5	9.22	82	155843	91.26	ng	-0.04
41) 2,4,6-Tribromophenol	16.18	330	94577	112.25	ng	-0.04
44) 2-Fluorobiphenyl	13.30	172	406754	83.13	ng	-0.04
78) Terphenyl-d14	20.02	244	542597	88.47	ng	-0.04
Target Compounds						
4) n-Nitrosodimethylamine	3.68	42	875	2.46	ng	# 1
49) Dimethylphthalate	14.13	163	227651	36.82	ng	99
50) 2,6-Dinitrotoluene	14.13	165	2789	2.08	ng	# 47

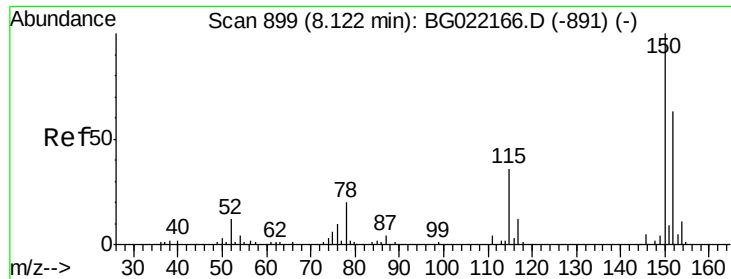
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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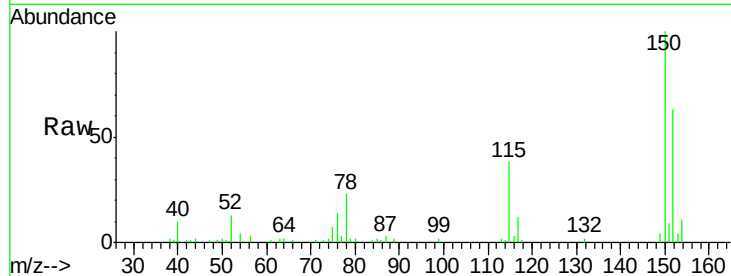


#1

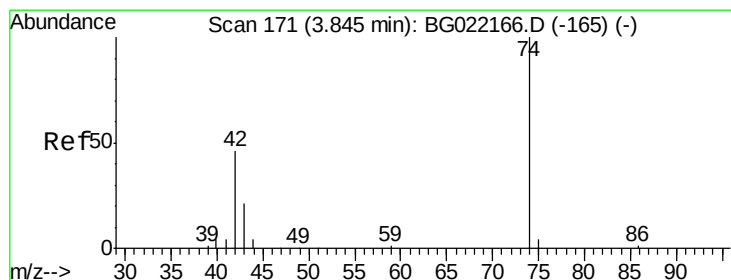
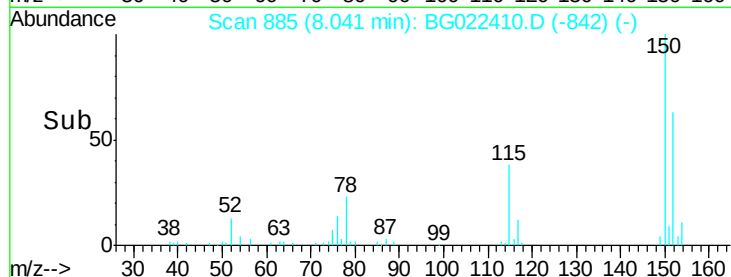
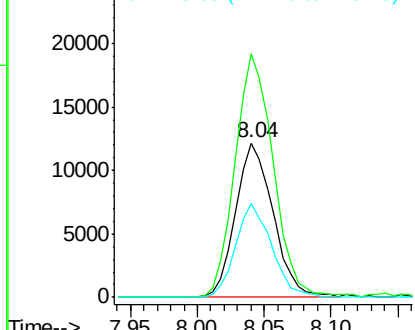
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 885
Delta R.T. -0.05 min
Lab File: BG022410.D
Acq: 18 Jun 2016 5:55

Instrument :
BNA_G
ClientSampled :
SB3-6-8

Tgt Ion:152 Resp: 23743
Ion Ratio Lower Upper
152 100
150 157.8 130.1 195.1
115 60.7 62.2 93.2#



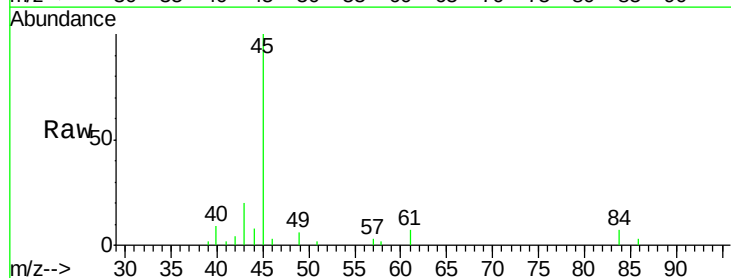
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



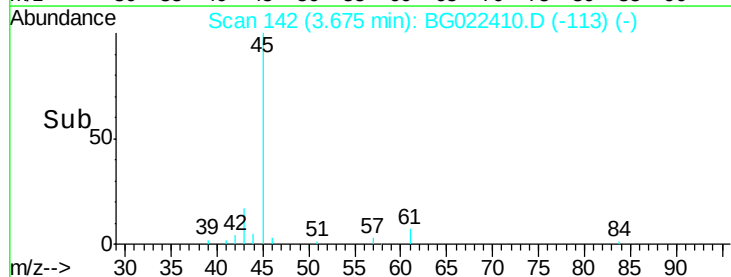
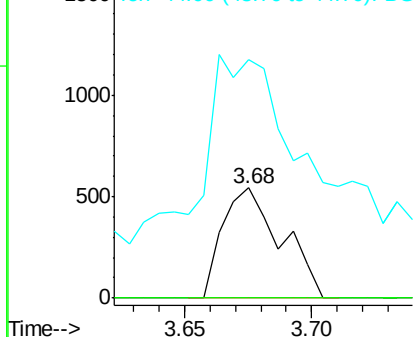
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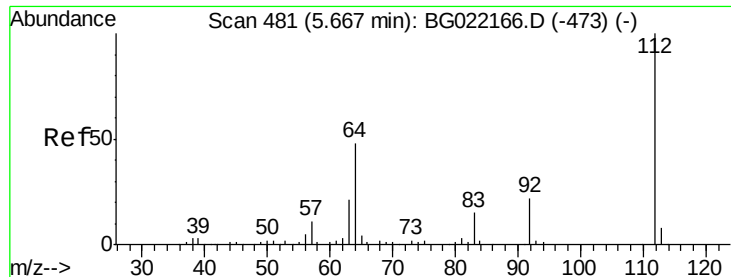
n-Nitrosodimethylamine
Concen: 2.46 ng
RT: 3.68 min Scan# 142
Delta R.T. -0.13 min
Lab File: BG022410.D
Acq: 18 Jun 2016 5:55

Tgt Ion: 42 Resp: 875
Ion Ratio Lower Upper
42 100
74 0.0 184.0 276.0#
44 215.8 11.0 16.6#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 163.40 ng

RT: 5.60 min Scan# 470

Delta R.T. -0.03 min

Lab File: BG022410.D

Acq: 18 Jun 2016 5:55

Instrument :

BNA_G

ClientSampled :

SB3-6-8

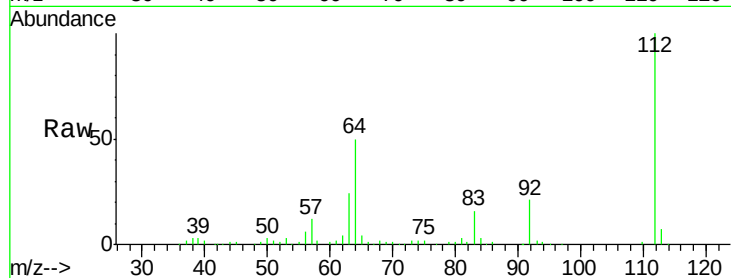
Tgt Ion: 112 Resp: 200662

Ion Ratio Lower Upper

112 100

64 50.0 51.1 76.7#

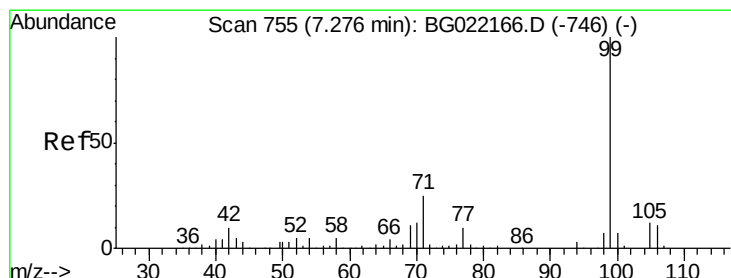
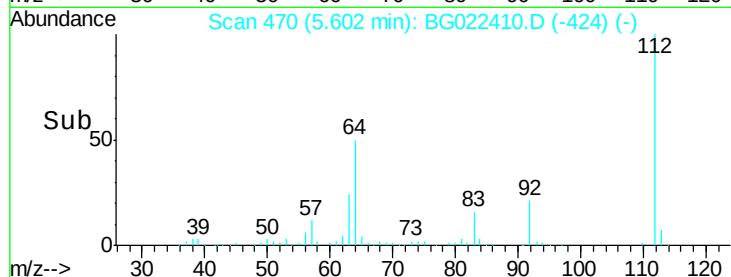
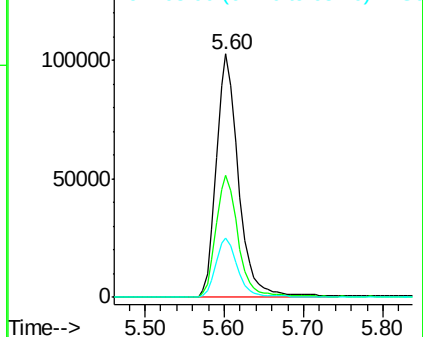
63 24.5 24.6 37.0#



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: 151.49 ng

RT: 7.24 min Scan# 748

Delta R.T. -0.01 min

Lab File: BG022410.D

Acq: 18 Jun 2016 5:55

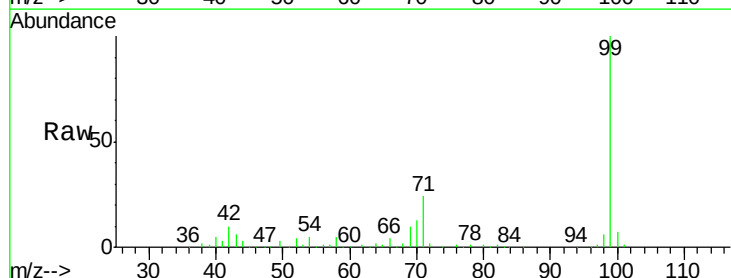
Tgt Ion: 99 Resp: 292496

Ion Ratio Lower Upper

99 100

42 10.2 16.4 24.6#

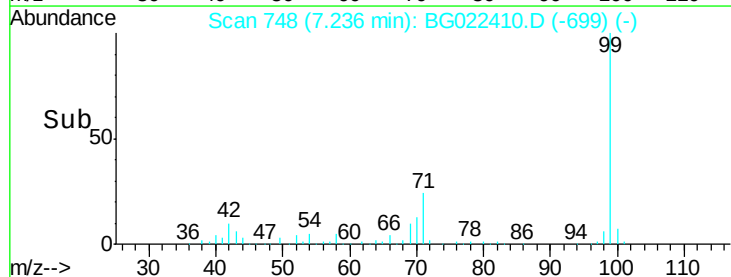
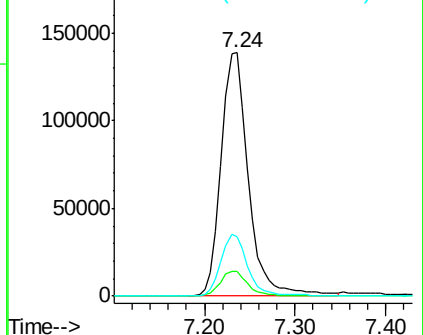
71 24.4 25.0 37.4#

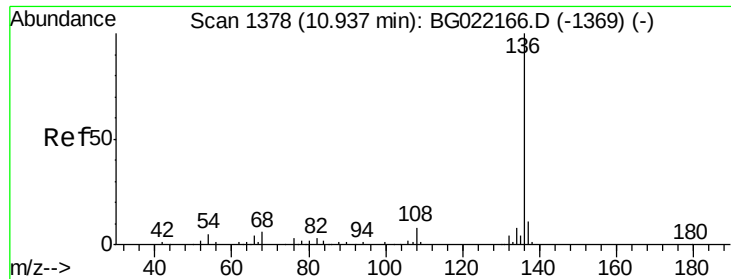


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

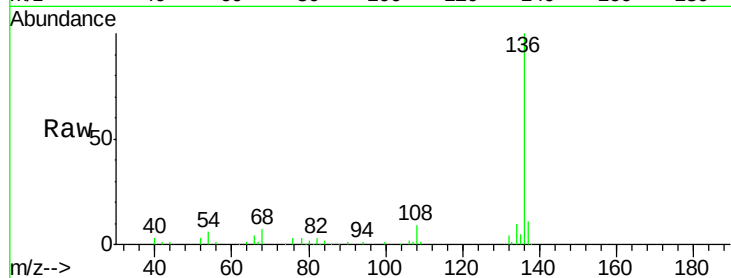




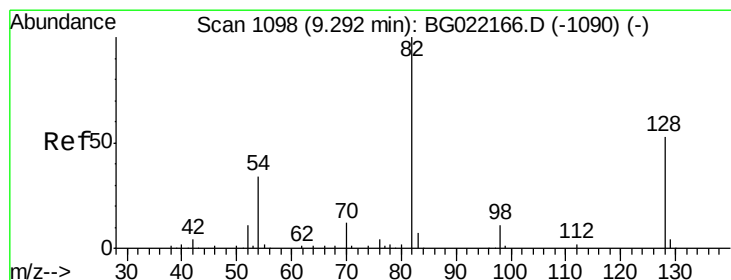
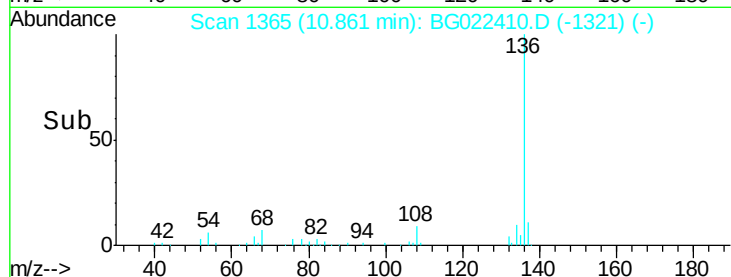
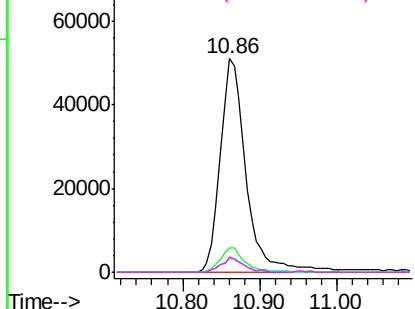
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.86 min Scan# 1365
Delta R.T. -0.04 min
Lab File: BG022410.D
Acq: 18 Jun 2016 5:55

Instrument :
BNA_G
ClientSampleId :
SB3-6-8

Tgt Ion:	136	Resp:	119059
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	5.7	9.6	14.4#
68	6.9	6.4	9.6

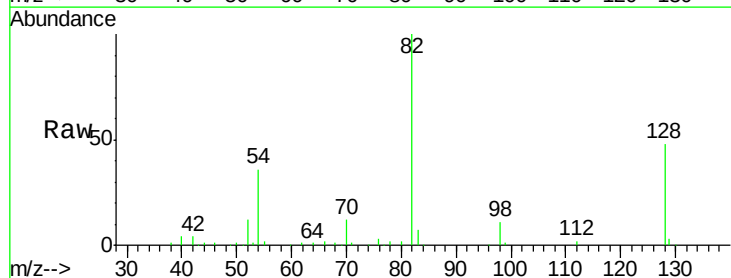


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

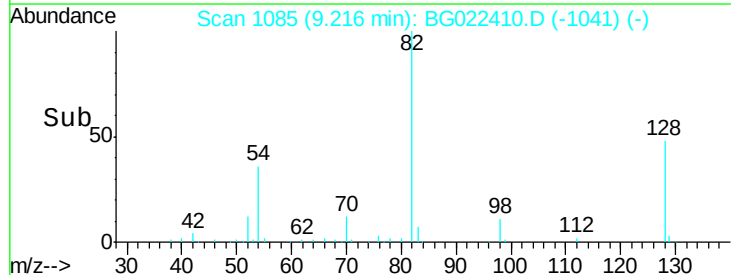
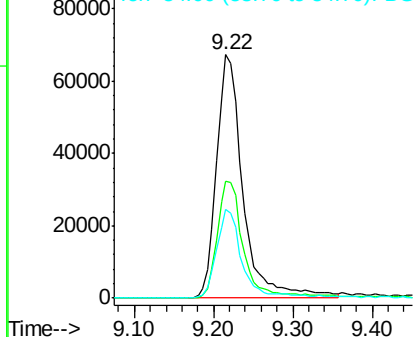


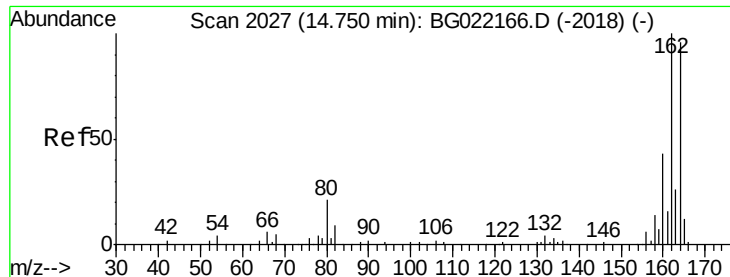
#23
Nitrobenzene-d5
Concen: 91.26 ng
RT: 9.22 min Scan# 1085
Delta R.T. -0.04 min
Lab File: BG022410.D
Acq: 18 Jun 2016 5:55

Tgt Ion:	82	Resp:	155843
Ion	Ratio	Lower	Upper
82	100		
128	47.9	33.4	50.0
54	36.2	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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.68 min Scan# 2015

Delta R.T. -0.04 min

Lab File: BG022410.D

Acq: 18 Jun 2016 5:55

Instrument :

BNA_G

ClientSampleId :

SB3-6-8

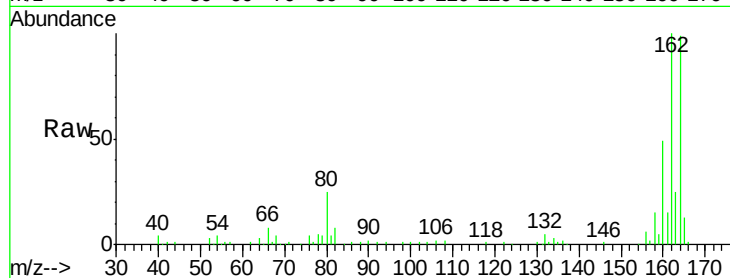
Tgt Ion:164 Resp: 74566

Ion Ratio Lower Upper

164 100

162 101.2 78.0 117.0

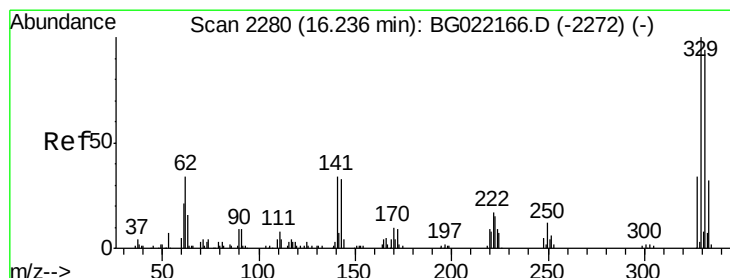
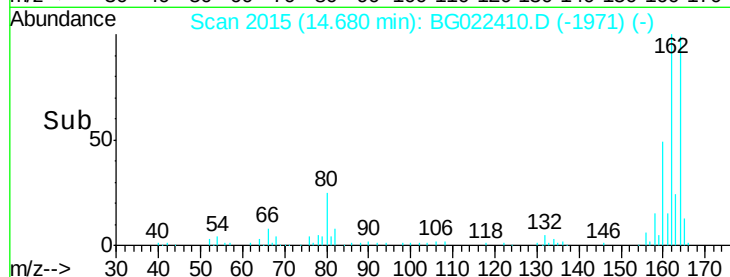
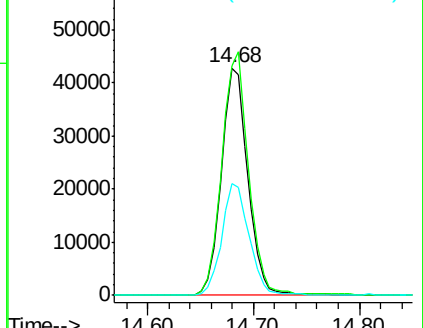
160 49.2 32.9 49.3



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: 112.25 ng

RT: 16.18 min Scan# 2270

Delta R.T. -0.04 min

Lab File: BG022410.D

Acq: 18 Jun 2016 5:55

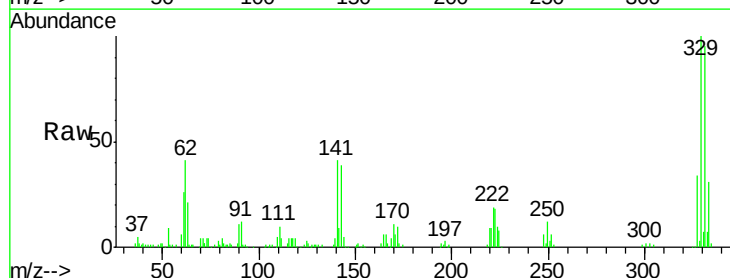
Tgt Ion:330 Resp: 94577

Ion Ratio Lower Upper

330 100

332 97.2 78.0 117.0

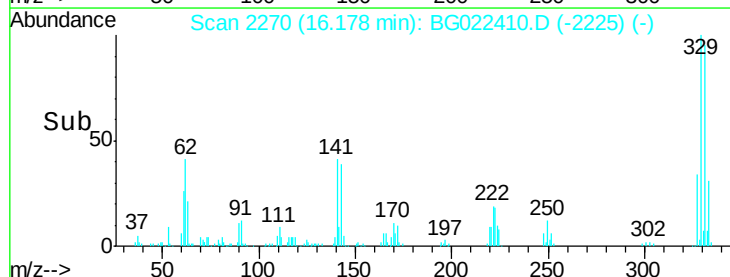
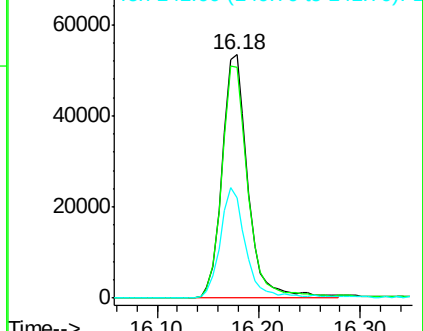
141 45.9 33.8 50.8

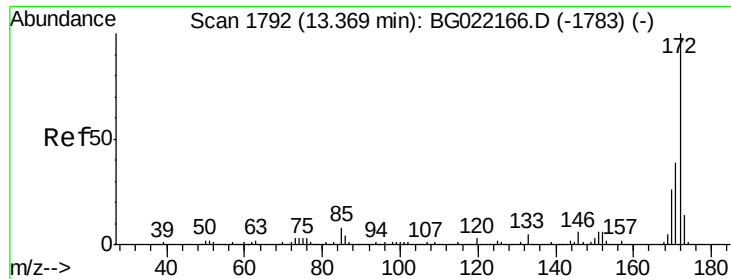


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

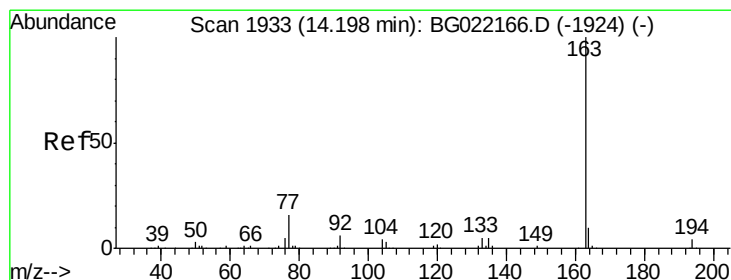
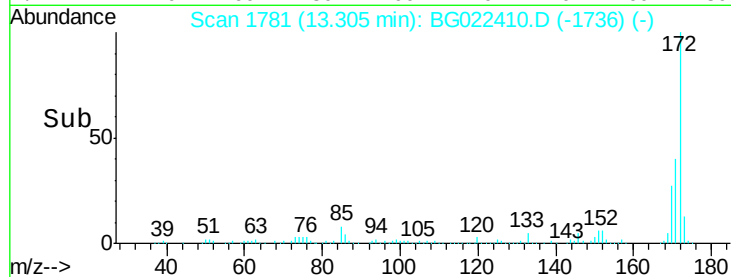
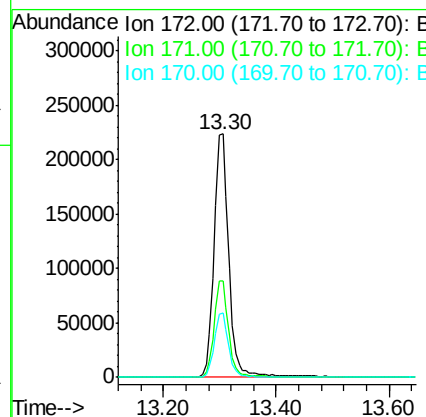
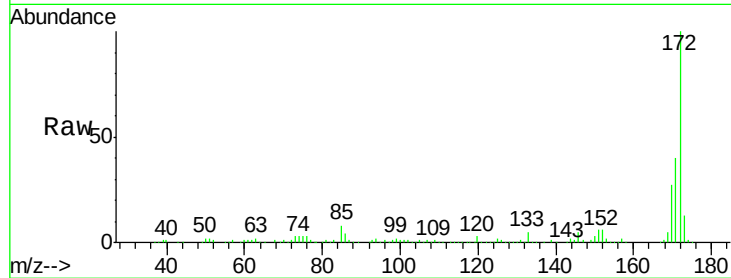




#44
2-Fluorobiphenyl
Concen: 83.13 ng
RT: 13.30 min Scan# 1781
Delta R.T. -0.04 min
Lab File: BG022410.D
Acq: 18 Jun 2016 5:55

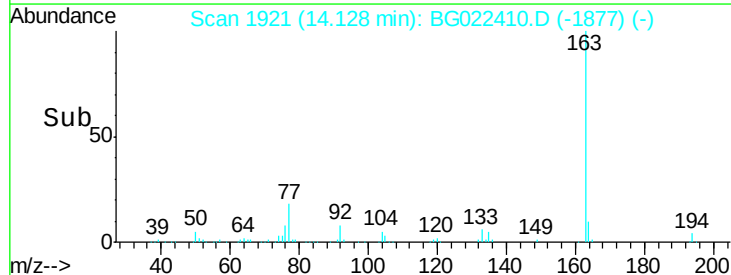
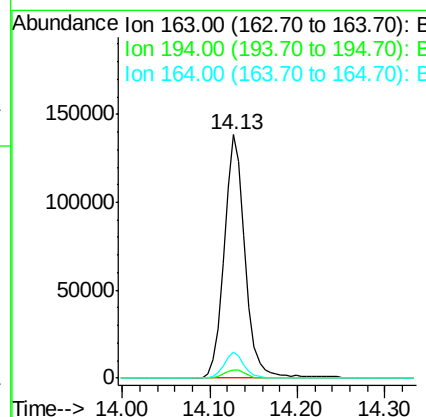
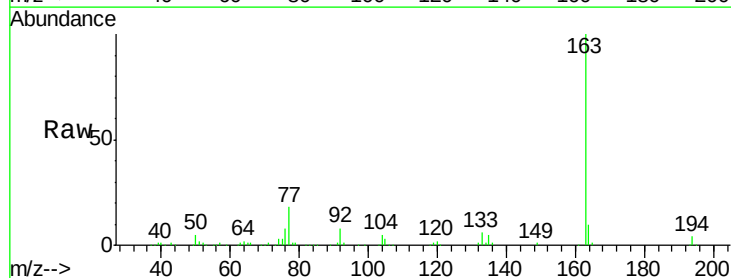
Instrument :
BNA_G
ClientSampleId :
SB3-6-8

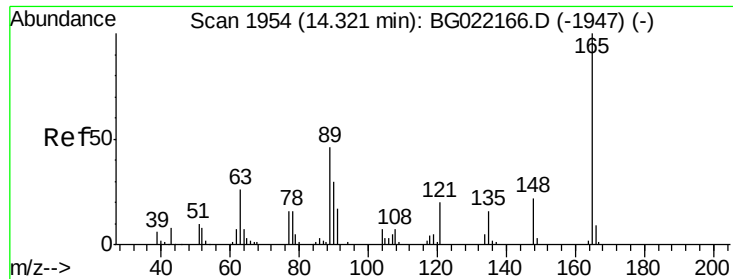
Tgt Ion:172 Resp: 406754
Ion Ratio Lower Upper
172 100
171 39.8 27.8 41.6
170 26.7 19.6 29.4



#49
Dimethylphthalate
Concen: 36.82 ng
RT: 14.13 min Scan# 1921
Delta R.T. -0.04 min
Lab File: BG022410.D
Acq: 18 Jun 2016 5:55

Tgt Ion:163 Resp: 227651
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.6
164 10.5 8.1 12.1

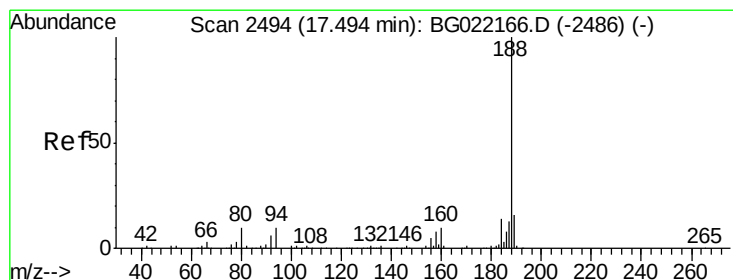
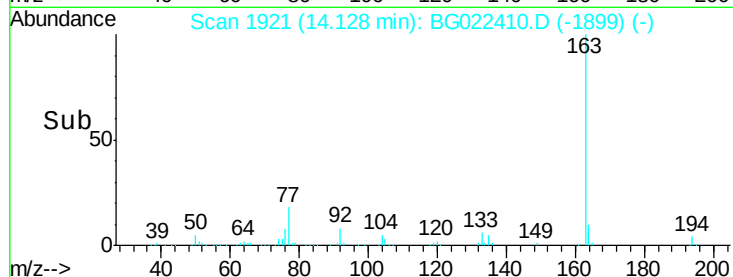
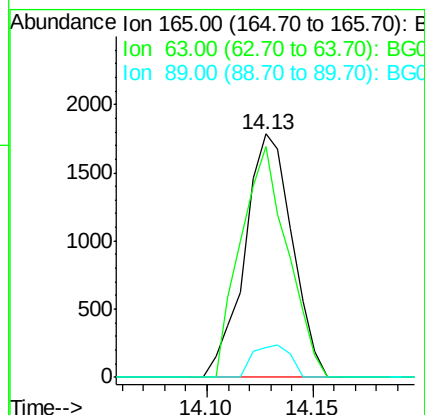
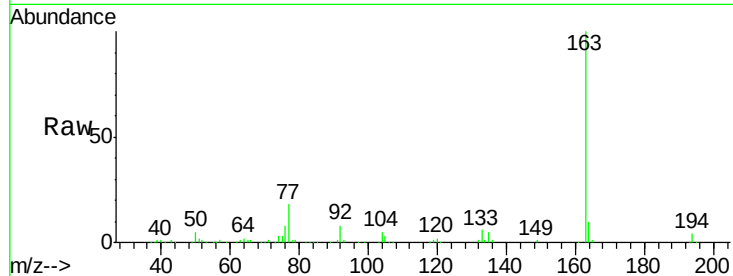




#50
 2,6-Dinitrotoluene
 Concen: 2.08 ng
 RT: 14.13 min Scan# 1921
 Delta R.T. -0.17 min
 Lab File: BG022410.D
 Acq: 18 Jun 2016 5:55

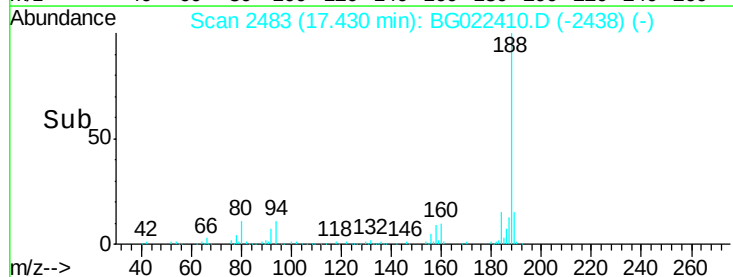
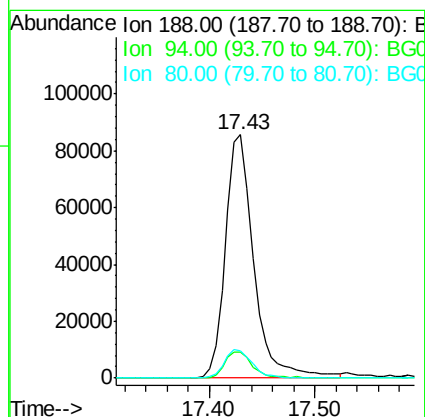
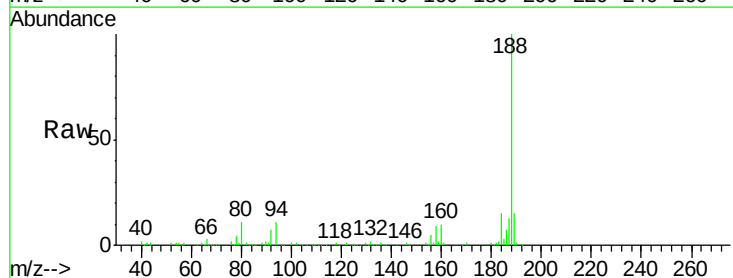
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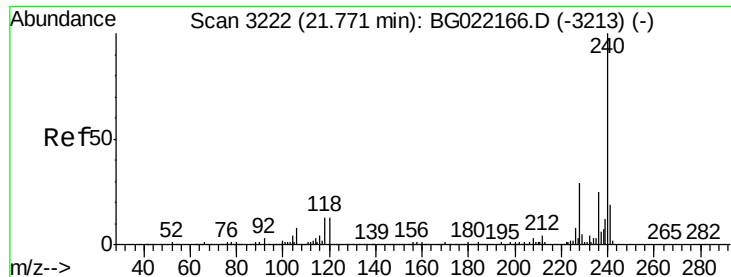
Tgt Ion:165 Resp: 2789
 Ion Ratio Lower Upper
 165 100
 63 94.7 48.2 72.4#
 89 12.1 45.3 67.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.43 min Scan# 2483
 Delta R.T. -0.04 min
 Lab File: BG022410.D
 Acq: 18 Jun 2016 5:55

Tgt Ion:188 Resp: 159739
 Ion Ratio Lower Upper
 188 100
 94 10.7 7.5 11.3
 80 11.2 8.6 13.0

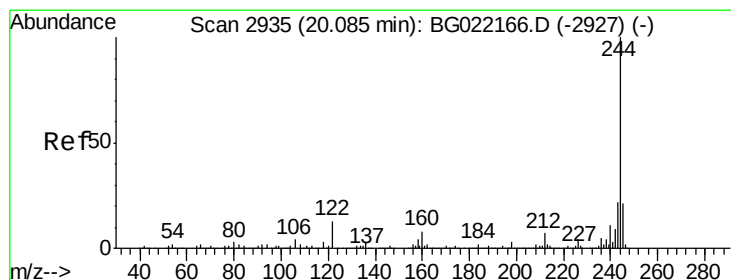
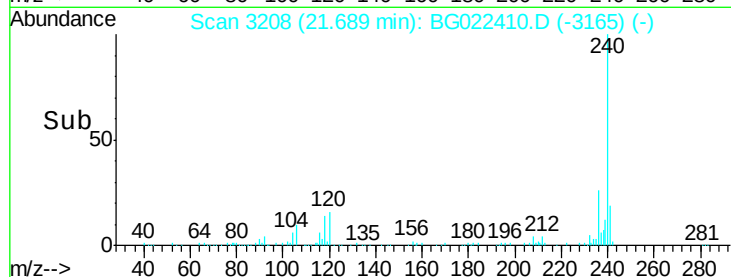
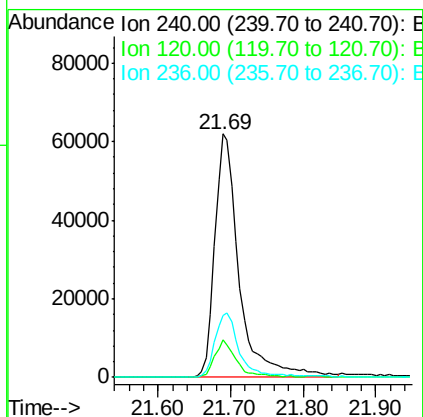
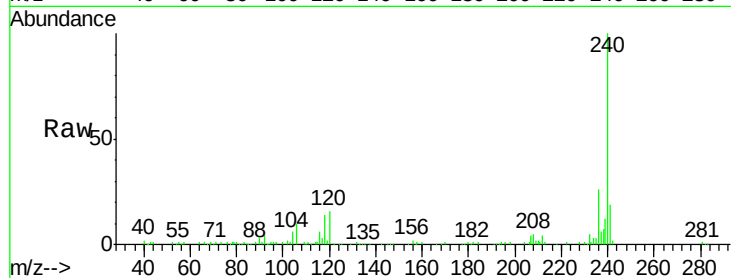




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.69 min Scan# 3208
Delta R.T. -0.05 min
Lab File: BG022410.D
Acq: 18 Jun 2016 5:55

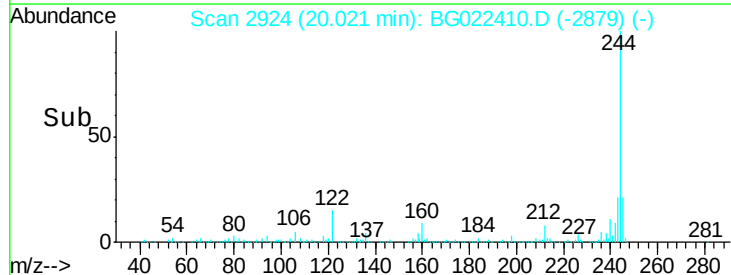
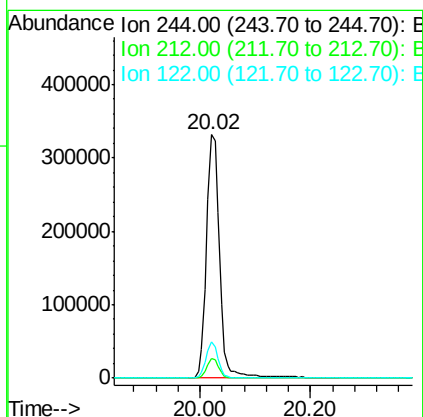
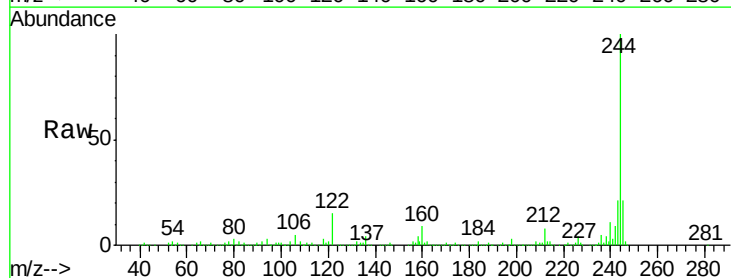
Instrument :
BNA_G
ClientSampleId :
SB3-6-8

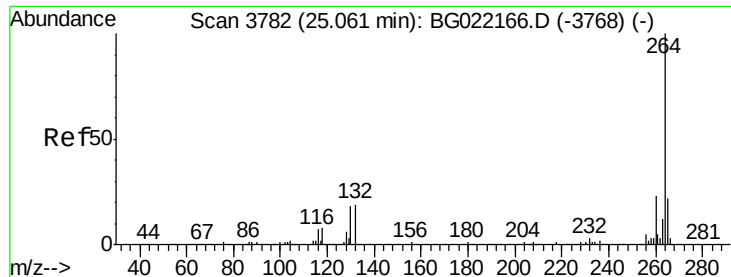
Tgt Ion:240 Resp: 145601
Ion Ratio Lower Upper
240 100
120 15.6 8.4 12.6#
236 25.6 19.6 29.4



#78
Terphenyl-d14
Concen: 88.47 ng
RT: 20.02 min Scan# 2924
Delta R.T. -0.04 min
Lab File: BG022410.D
Acq: 18 Jun 2016 5:55

Tgt Ion:244 Resp: 542597
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 14.7 8.6 12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.93 min Scan# 3760
Delta R.T. -0.08 min
Lab File: BG022410.D
Acq: 18 Jun 2016 5:55

Instrument :
BNA_G
ClientSampleId :
SB3-6-8

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	20.2	30.4
265	21.0	17.8	26.8

