

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110216\
 Data File : BG024637.D
 Acq On : 2 Nov 2016 22:33
 Operator : UM/SJ
 Sample : H5491-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-70-7.5-12.0

Quant Time: Nov 03 01:34:26 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

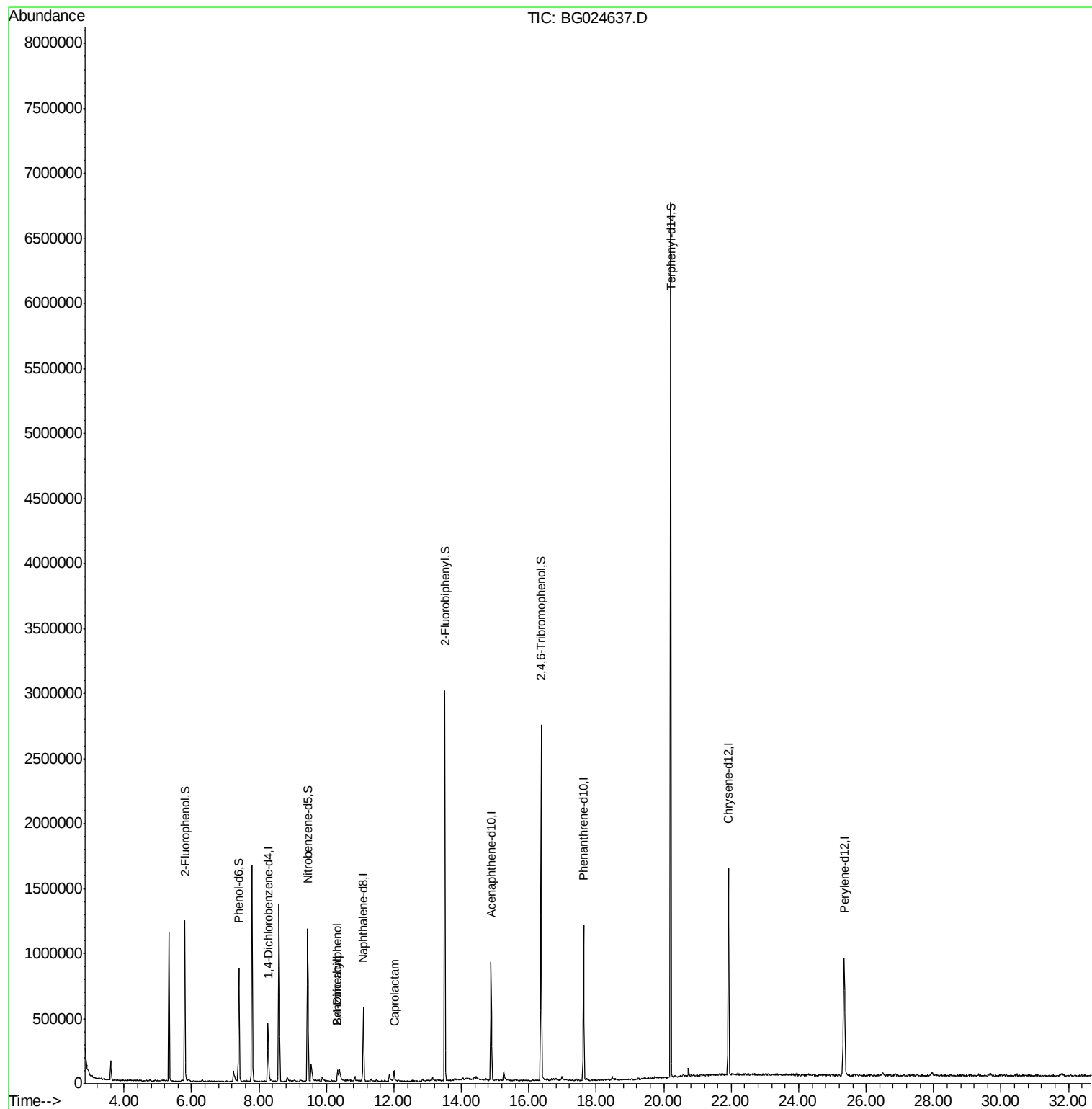
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	120006	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	449603	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	328192	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	767463	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1109383	20.00	ng	-0.01
86) Perylene-d12	25.35	264	1148565	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	492792	67.30	ng	0.00
7) Phenol-d6	7.40	99	477521	47.54	ng	0.00
23) Nitrobenzene-d5	9.44	82	745090	75.45	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	569201	116.09	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1533344	77.65	ng	0.00
78) Terphenyl-d14	20.21	244	2750774	74.09	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	10.32	122	44560	6.24	ng	Qvalue # 1
32) Benzoic acid	10.32	122	44560	7.50	ng	94
35) Caprolactam	12.00	113	16418	5.99	ng	# 67

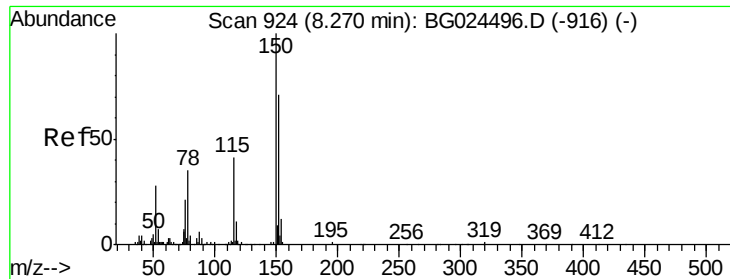
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG024637.D

Acq: 2 Nov 2016 22:33

Instrument :

BNA_G

ClientSampleId :

GW-70-7.5-12.0

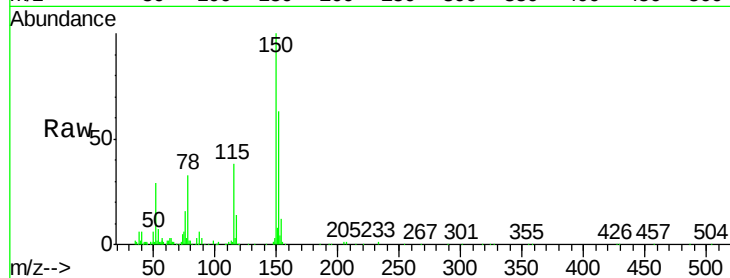
Tgt Ion:152 Resp: 120006

Ion Ratio Lower Upper

152 100

150 157.8 114.0 171.0

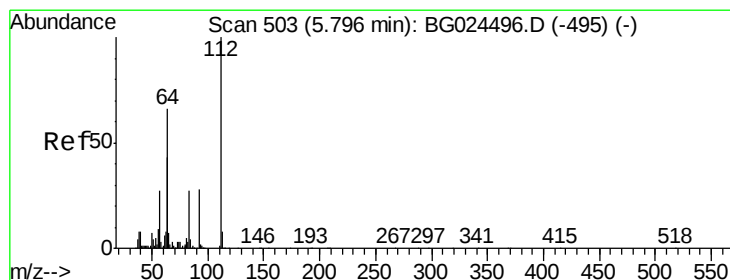
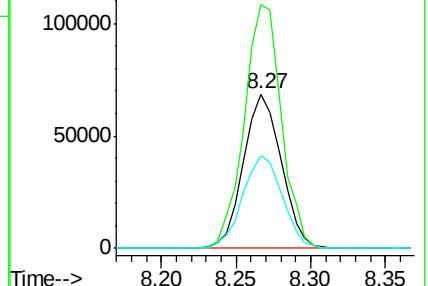
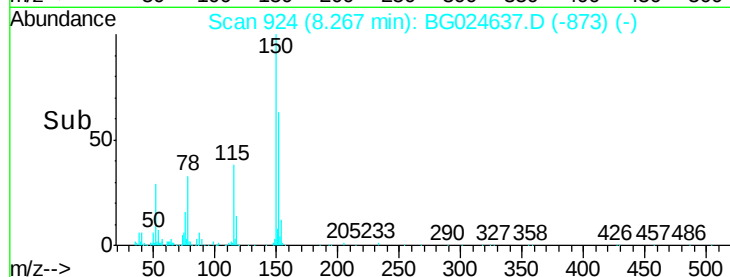
115 60.0 48.1 72.1



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: 67.30 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024637.D

Acq: 2 Nov 2016 22:33

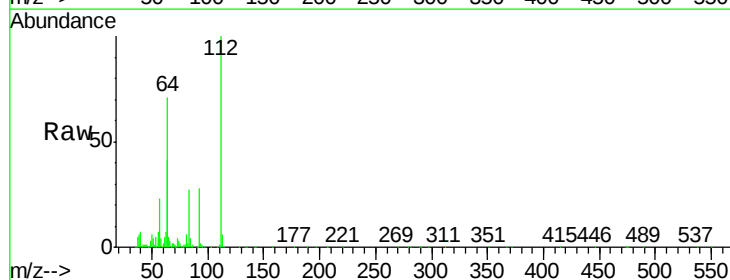
Tgt Ion:112 Resp: 492792

Ion Ratio Lower Upper

112 100

64 70.7 61.8 92.6

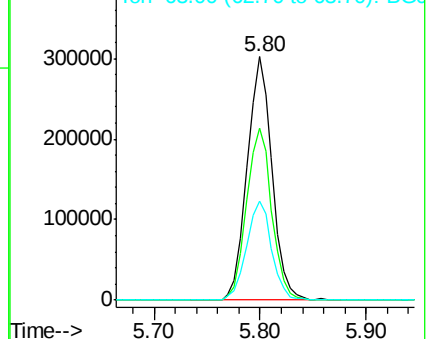
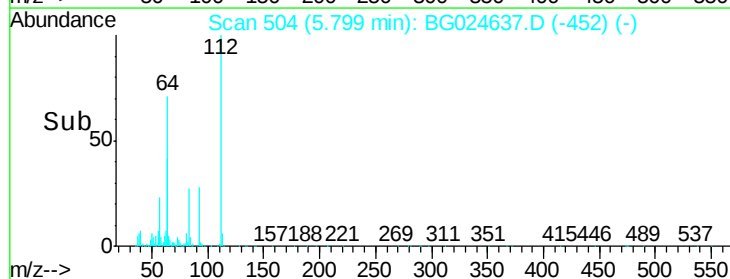
63 40.8 37.2 55.8

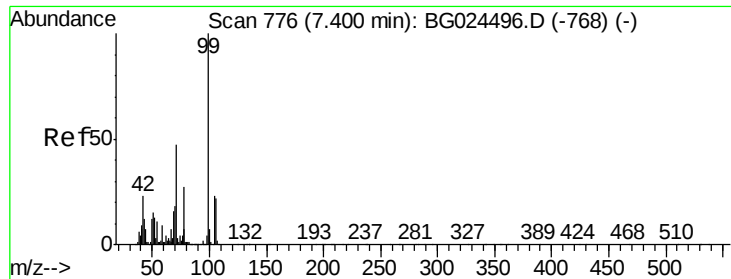


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 47.54 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024637.D

Acq: 2 Nov 2016 22:33

Instrument :

BNA_G

ClientSampleId :

GW-70-7.5-12.0

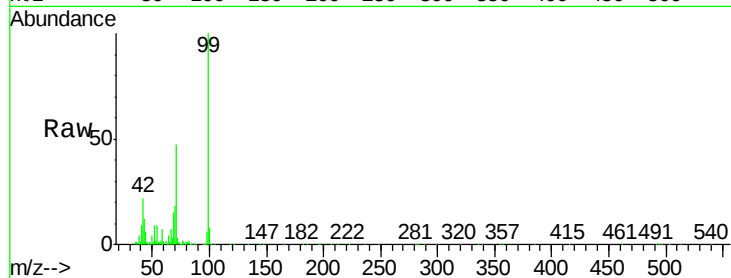
Tgt Ion: 99 Resp: 477521

Ion Ratio Lower Upper

99 100

42 21.6 20.5 30.7

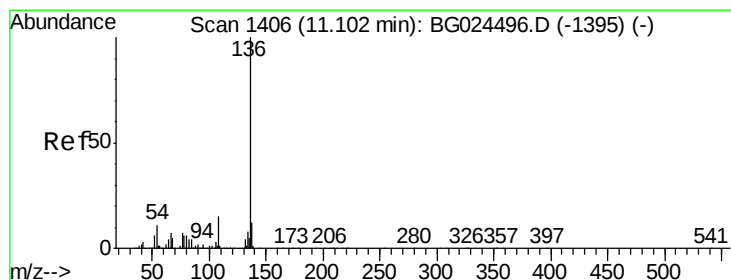
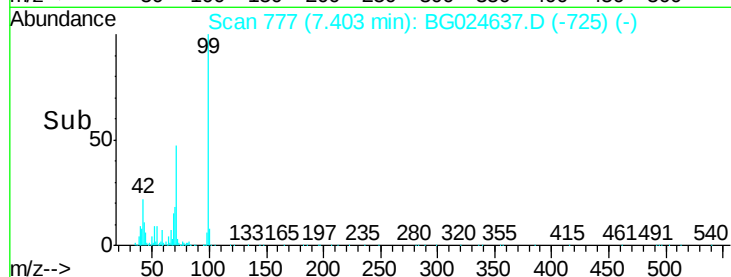
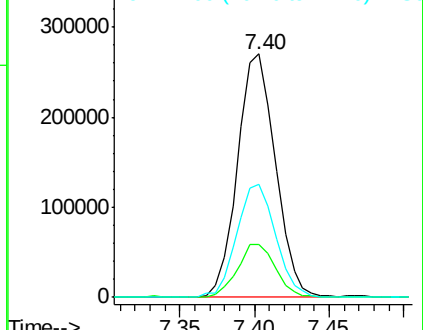
71 46.7 37.6 56.4



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: 11.09 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG024637.D

Acq: 2 Nov 2016 22:33

Tgt Ion: 136 Resp: 449603

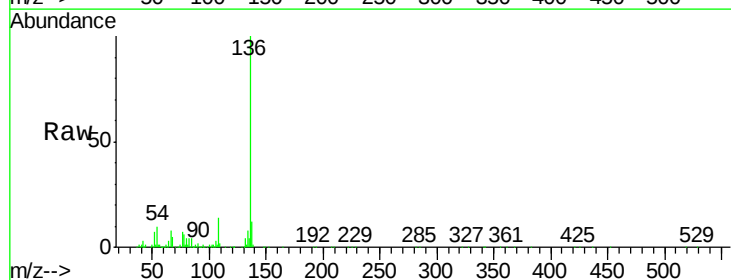
Ion Ratio Lower Upper

136 100

137 12.0 8.9 13.3

54 10.1 9.3 13.9

68 5.0 5.1 7.7#

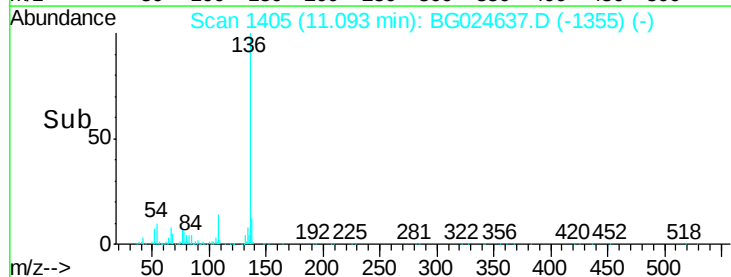
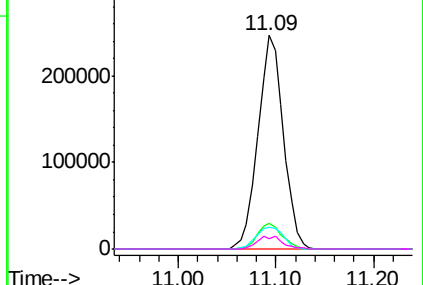


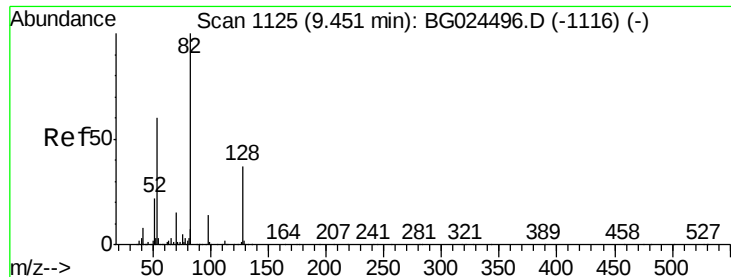
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

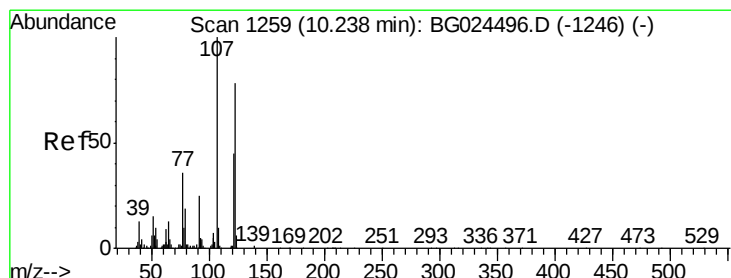
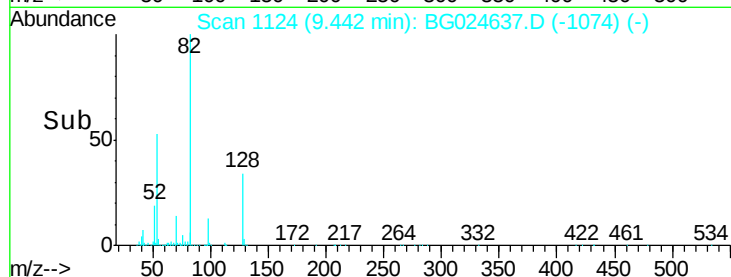
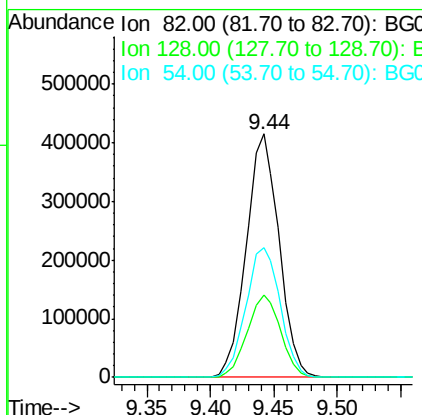
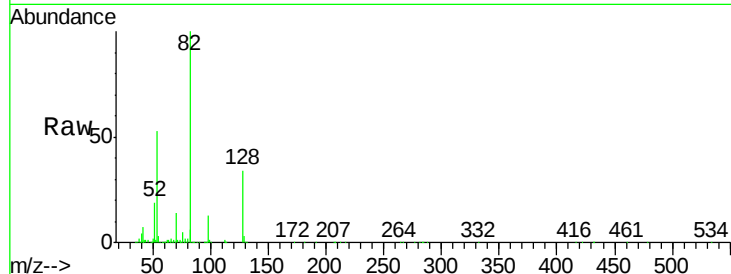




#23
 Nitrobenzene-d5
 Concen: 75.45 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024637.D
 Acq: 2 Nov 2016 22:33

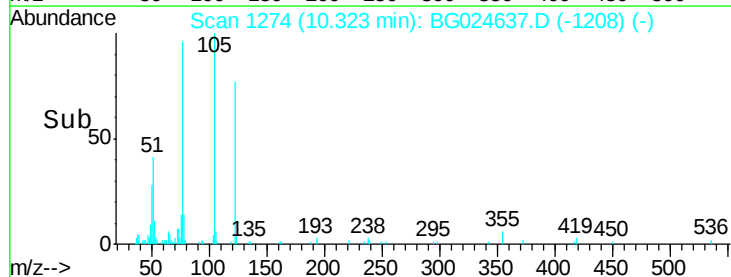
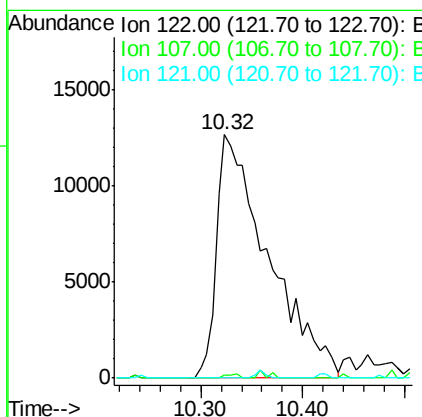
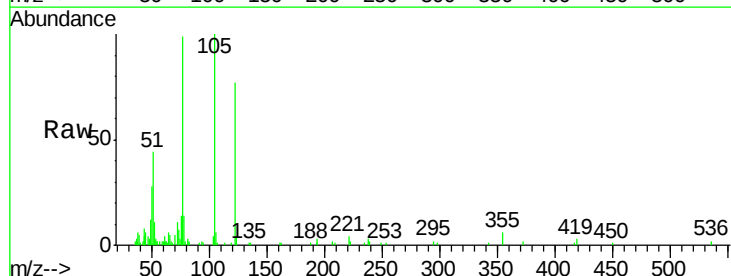
Instrument :
 BNA_G
 ClientSampleId :
 GW-70-7.5-12.0

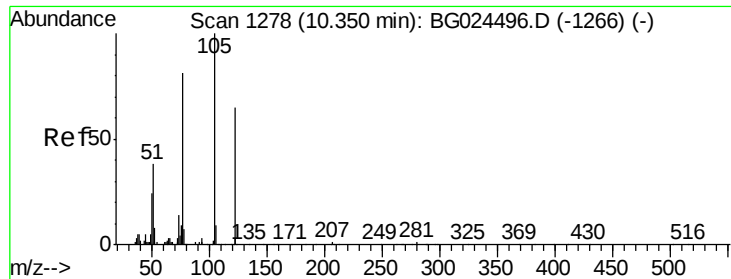
Tgt Ion: 82 Resp: 745090
 Ion Ratio Lower Upper
 82 100
 128 33.7 26.4 39.6
 54 53.3 49.4 74.2



#27
 2,4-Dimethylphenol
 Concen: 6.24 ng
 RT: 10.32 min Scan# 1274
 Delta R.T. 0.09 min
 Lab File: BG024637.D
 Acq: 2 Nov 2016 22:33

Tgt Ion: 122 Resp: 44560
 Ion Ratio Lower Upper
 122 100
 107 1.4 104.2 156.4#
 121 0.0 46.0 69.0#

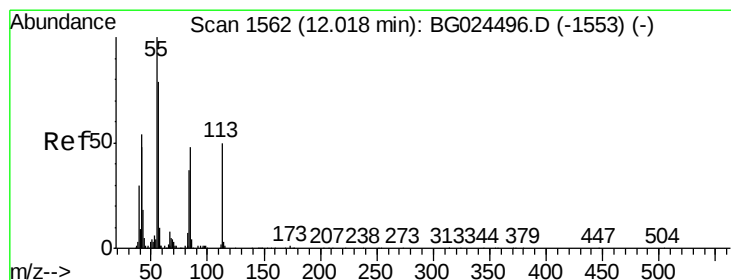
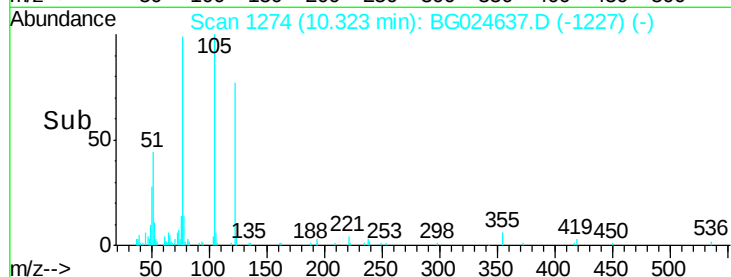
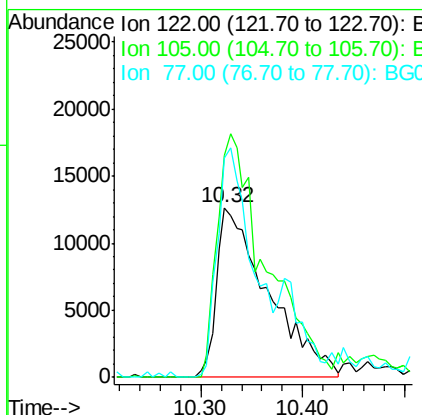
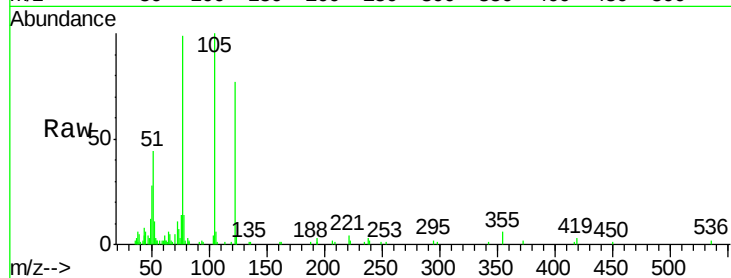




#32
Benzoic acid
Concen: 7.50 ng
RT: 10.32 min Scan# 1274
Delta R.T. -0.03 min
Lab File: BG024637.D
Acq: 2 Nov 2016 22:33

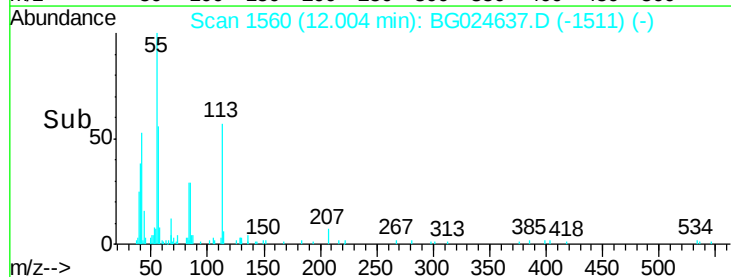
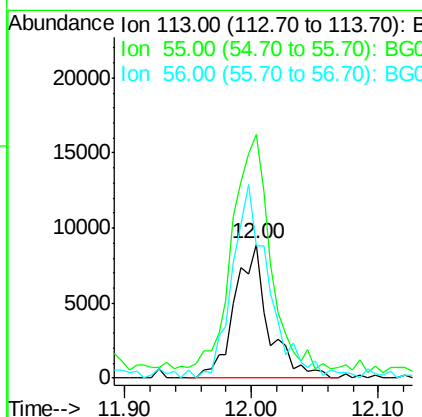
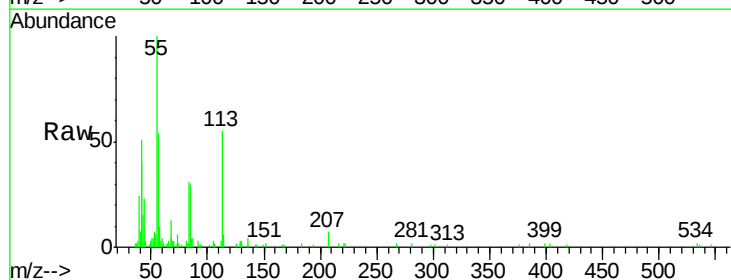
Instrument :
BNA_G
ClientSampleId :
GW-70-7.5-12.0

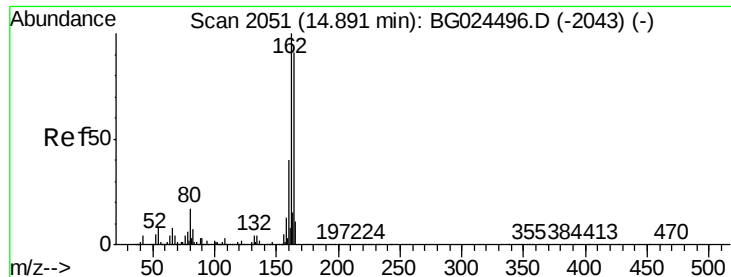
Tgt Ion:122 Resp: 44560
Ion Ratio Lower Upper
122 100
105 130.6 120.1 160.1
77 129.1 104.6 144.6



#35
Caprolactam
Concen: 5.99 ng
RT: 12.00 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BG024637.D
Acq: 2 Nov 2016 22:33

Tgt Ion:113 Resp: 16418
Ion Ratio Lower Upper
113 100
55 181.6 198.6 238.6#
56 98.7 140.4 180.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG024637.D

Acq: 2 Nov 2016 22:33

Instrument :

BNA_G

ClientSampleId :

GW-70-7.5-12.0

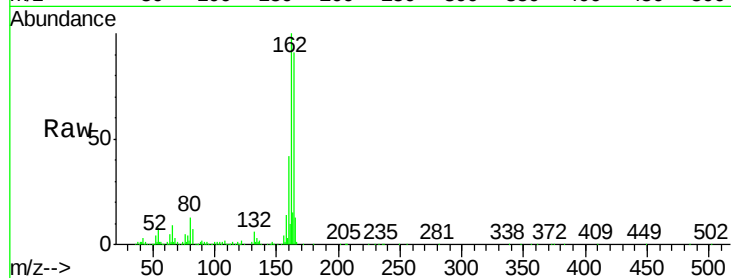
Tgt Ion:164 Resp: 328192

Ion Ratio Lower Upper

164 100

162 110.3 85.1 127.7

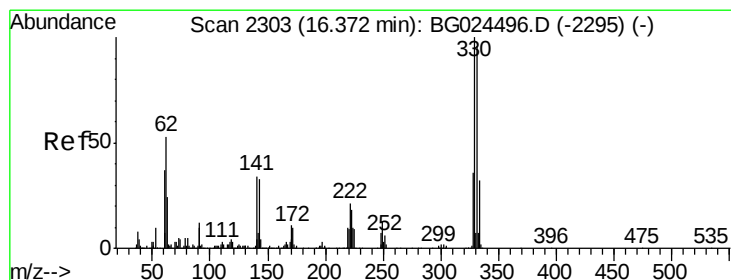
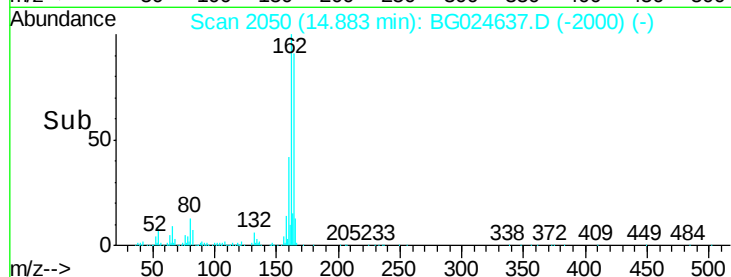
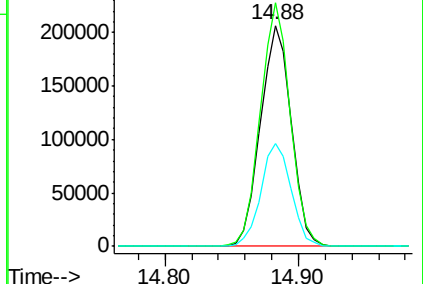
160 46.8 34.7 52.1



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: 116.09 ng

RT: 16.36 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024637.D

Acq: 2 Nov 2016 22:33

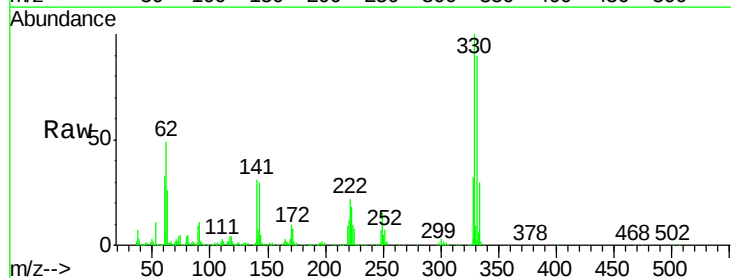
Tgt Ion:330 Resp: 569201

Ion Ratio Lower Upper

330 100

332 95.6 77.3 115.9

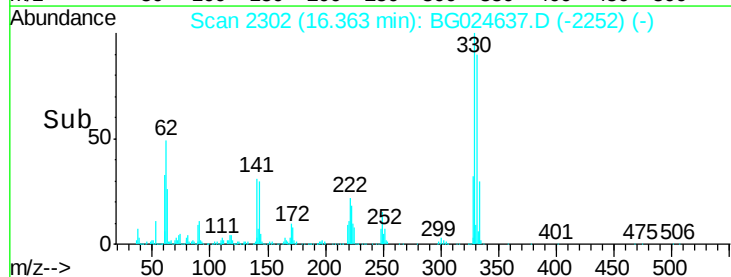
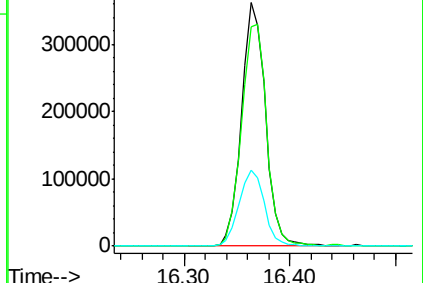
141 33.0 32.1 48.1

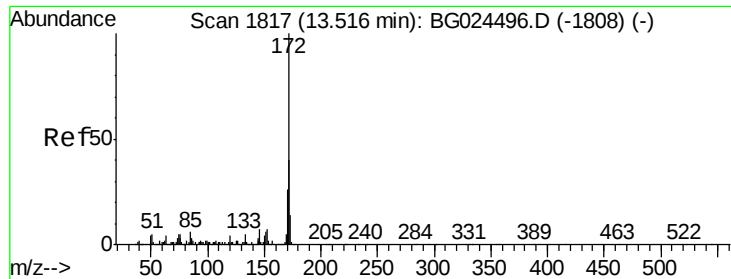


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

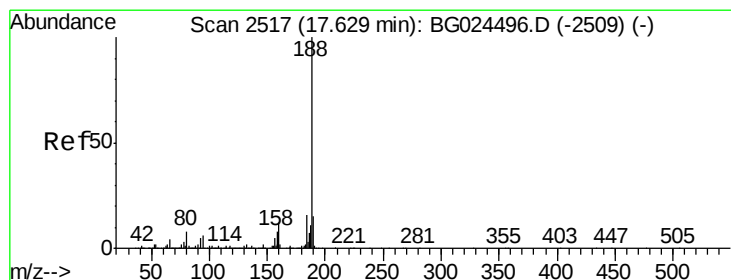
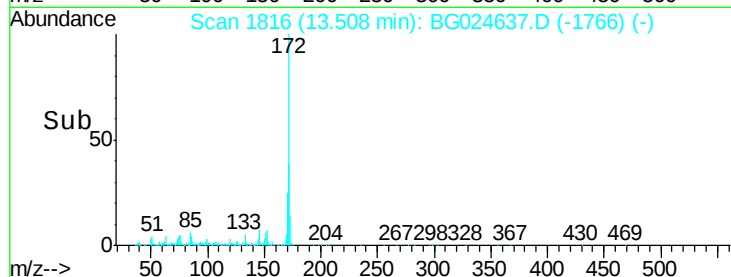
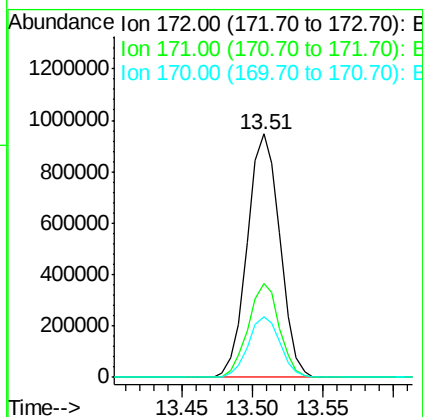
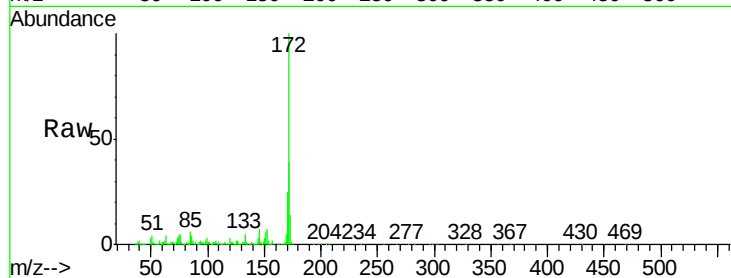




#44
2-Fluorobiphenyl
Concen: 77.65 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024637.D
Acq: 2 Nov 2016 22:33

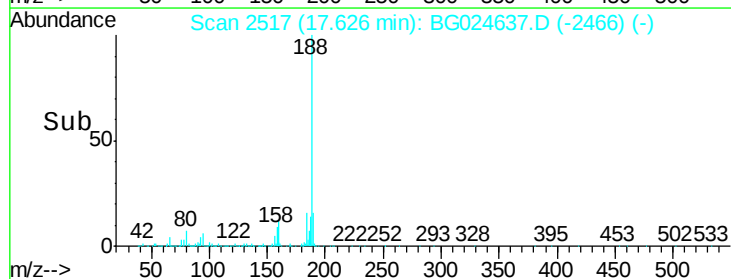
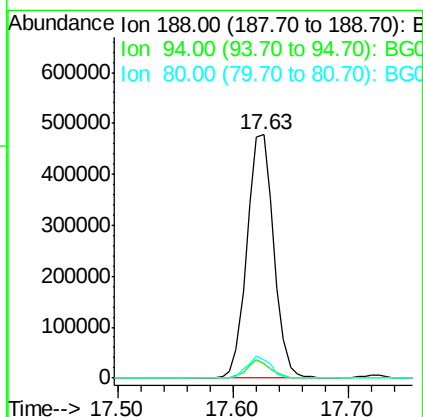
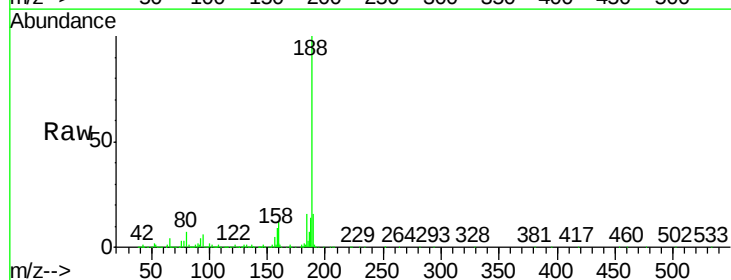
Instrument :
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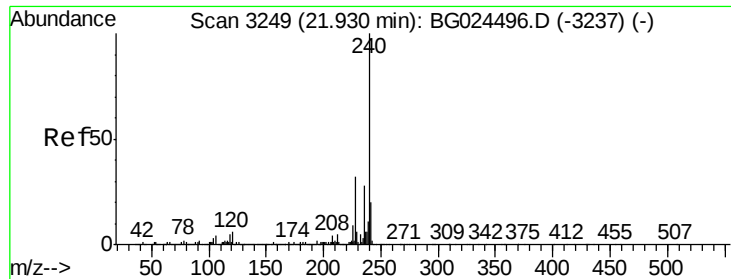
Tgt Ion:172 Resp: 1533344
Ion Ratio Lower Upper
172 100
171 38.8 32.2 48.2
170 25.1 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024637.D
Acq: 2 Nov 2016 22:33

Tgt Ion:188 Resp: 767463
Ion Ratio Lower Upper
188 100
94 6.2 5.8 8.8
80 7.5 7.5 11.3#

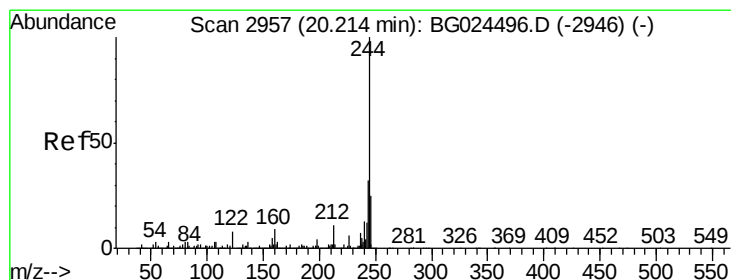
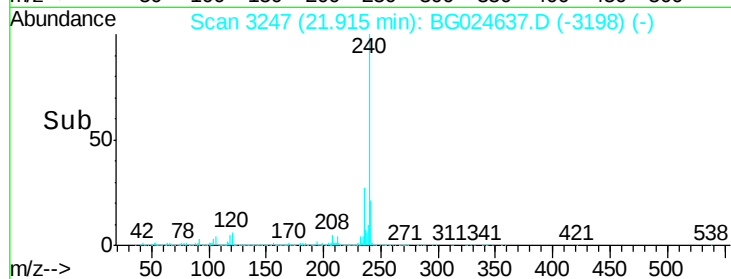
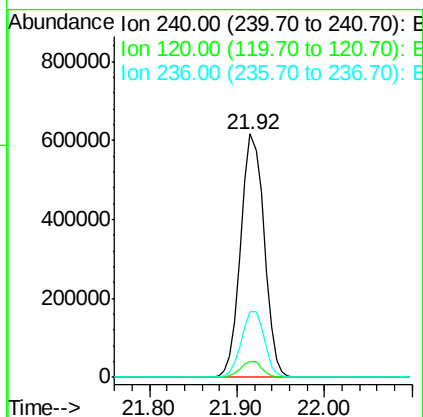
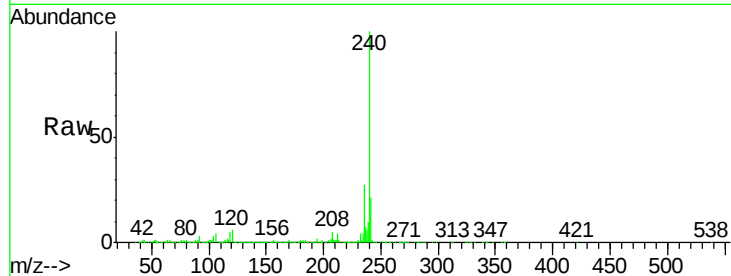




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024637.D
Acq: 2 Nov 2016 22:33

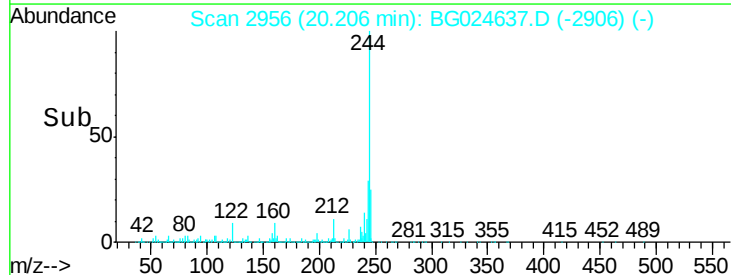
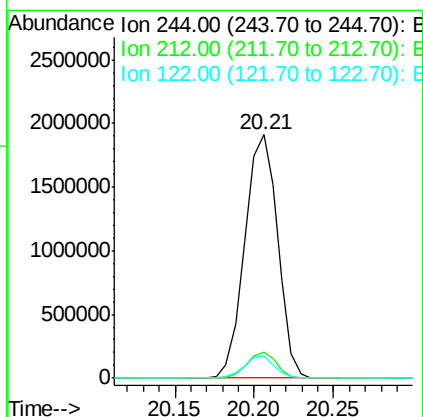
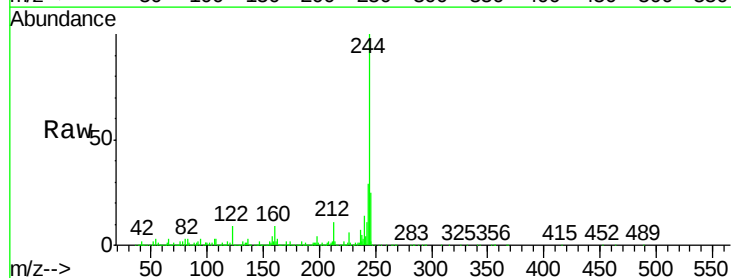
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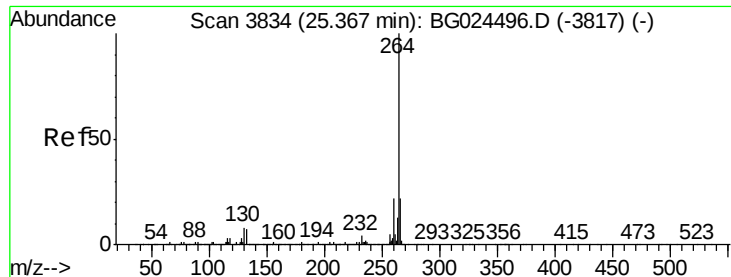
Tgt Ion:240 Resp: 1109383
Ion Ratio Lower Upper
240 100
120 6.3 5.7 8.5
236 26.8 22.2 33.4



#78
Terphenyl-d14
Concen: 74.09 ng
RT: 20.21 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BG024637.D
Acq: 2 Nov 2016 22:33

Tgt Ion:244 Resp: 2750774
Ion Ratio Lower Upper
244 100
212 10.5 10.0 15.0
122 9.1 8.6 12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3832
Delta R.T. -0.01 min
Lab File: BG024637.D
Acq: 2 Nov 2016 22:33

Instrument :
BNA_G
ClientSampleId :
GW-70-7.5-12.0

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	21.8	32.8
265	22.5	18.2	27.4

