

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062616\
 Data File : BG022629.D
 Acq On : 27 Jun 2016 4:04
 Operator : UM/SJ
 Sample : H3733-03
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 07:12:39 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

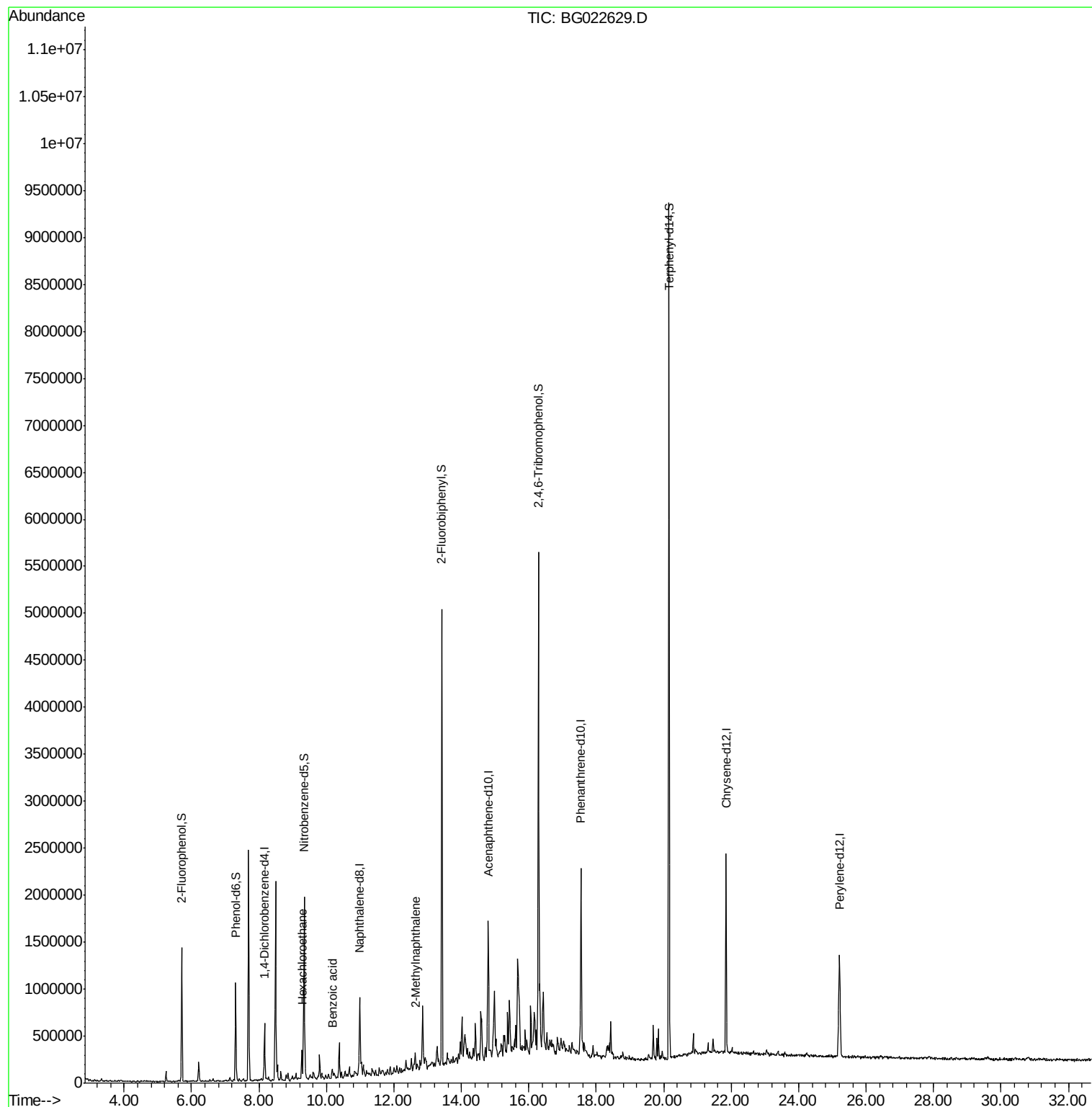
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	158678	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	632659	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	526204	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1143831	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1291821	20.00	ng	0.00
86) Perylene-d12	25.21	264	1330520	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	594444	60.09	ng	0.00
7) Phenol-d6	7.31	99	581186	41.68	ng	0.00
23) Nitrobenzene-d5	9.34	82	1233541	82.52	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	954874	115.37	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2278499	68.67	ng	0.00
78) Terphenyl-d14	20.16	244	3173776	65.09	ng	0.00
Target Compounds						
18) Hexachloroethane	9.28	117	45612	8.81	ng	# 1
32) Benzoic acid	10.19	122	1128	5.25	ng	# 1
37) 2-Methylnaphthalene	12.63	142	71886	2.91	ng	95

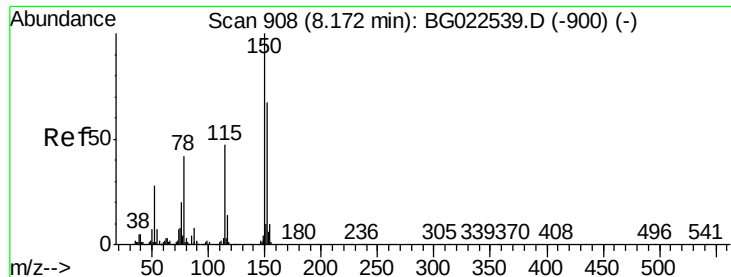
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022629.D

Acq: 27 Jun 2016 4:04

Instrument :

BNA_G

ClientSampled :

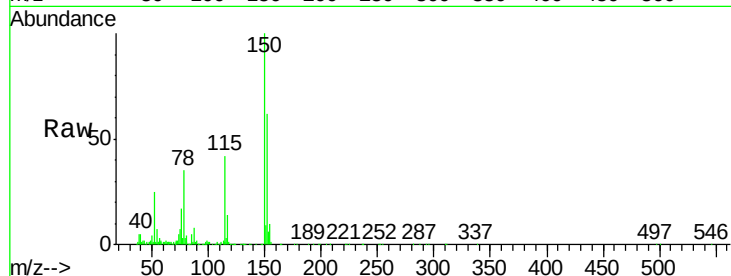
Tot Ion:152 Resp: 158678

Ion Ratio Lower Upper

152 100

150 160.6 144.7 217.1

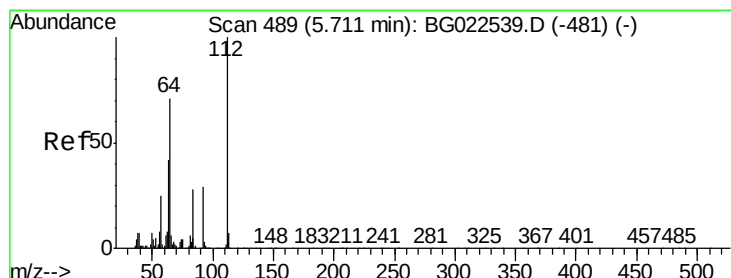
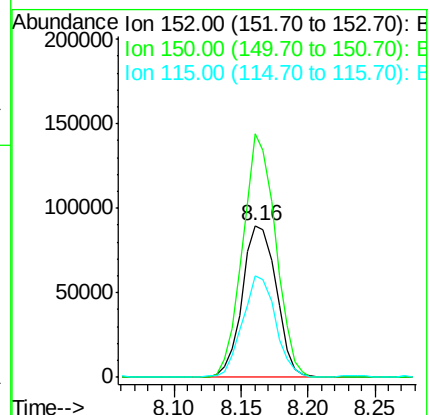
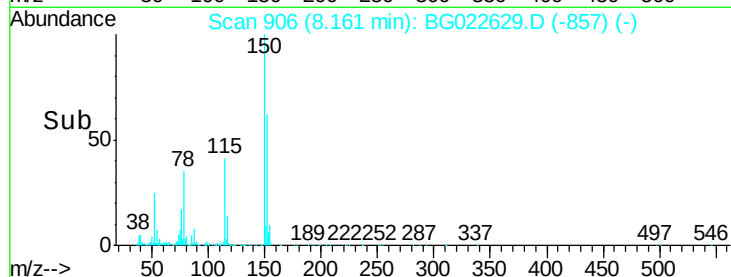
115 66.8 64.0 96.0



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: 60.09 ng

RT: 5.71 min Scan# 489

Delta R.T. 0.01 min

Lab File: BG022629.D

Acq: 27 Jun 2016 4:04

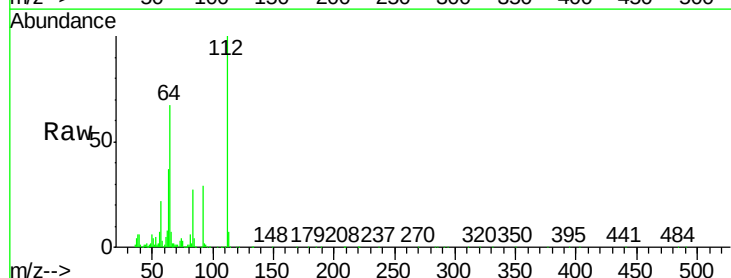
Tgt Ion:112 Resp: 594444

Ion Ratio Lower Upper

112 100

64 67.2 59.0 88.4

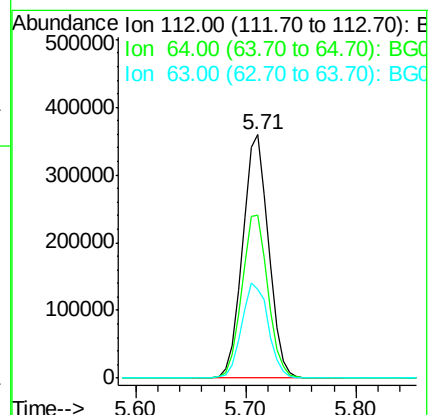
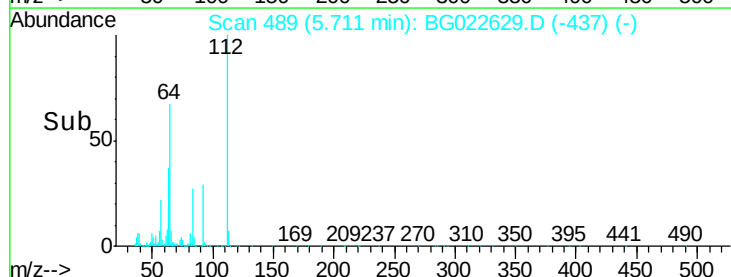
63 36.6 37.8 56.8#

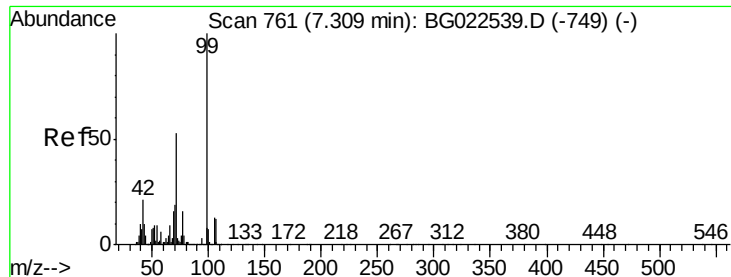


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 41.68 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022629.D

Acq: 27 Jun 2016 4:04

Instrument :

BNA_G

ClientSampleId :

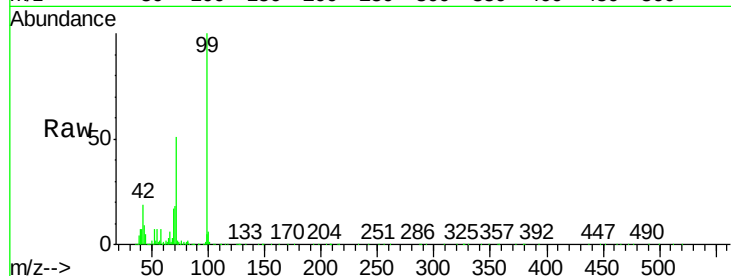
Tot Ion: 99 Resp: 581186

Ion Ratio Lower Upper

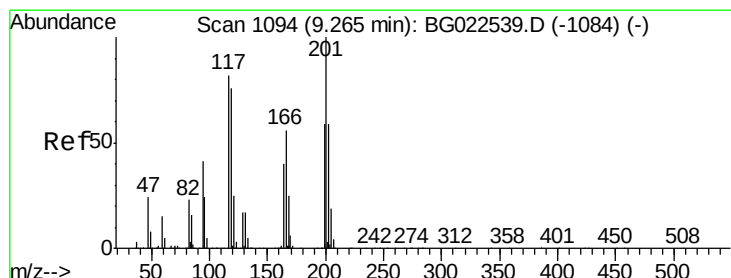
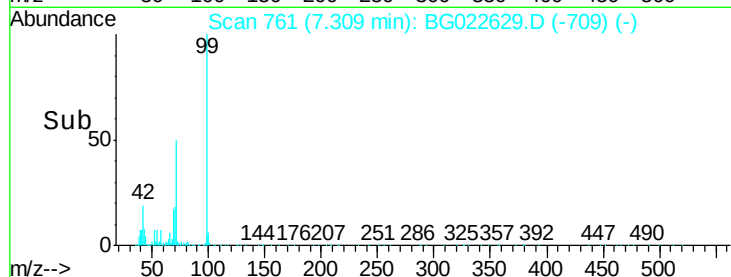
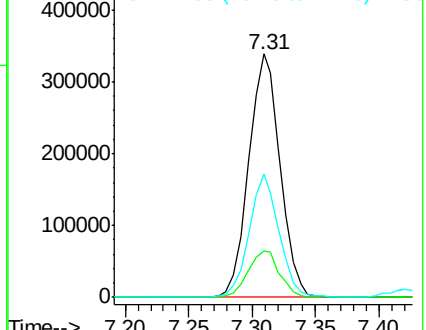
99 100

42 19.0 17.8 26.6

71 50.5 41.5 62.3



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



#18

Hexachloroethane

Concen: 8.81 ng

RT: 9.28 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BG022629.D

Acq: 27 Jun 2016 4:04

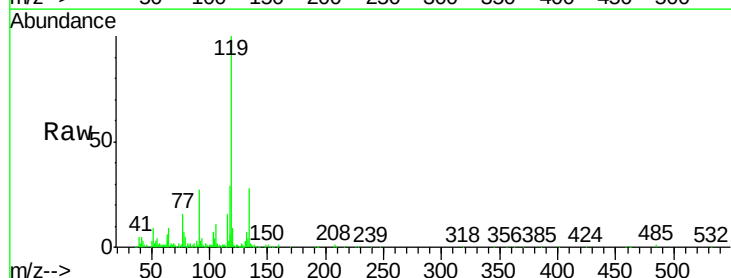
Tgt Ion: 117 Resp: 45612

Ion Ratio Lower Upper

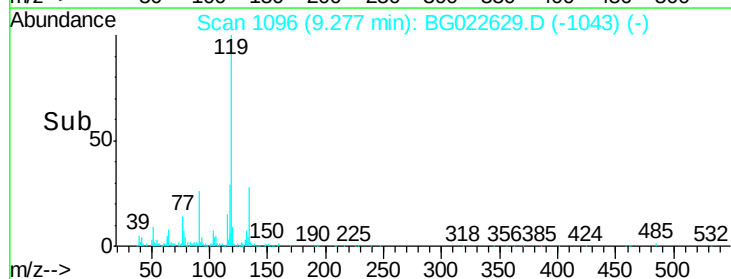
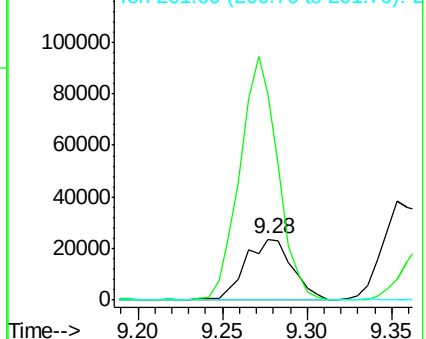
117 100

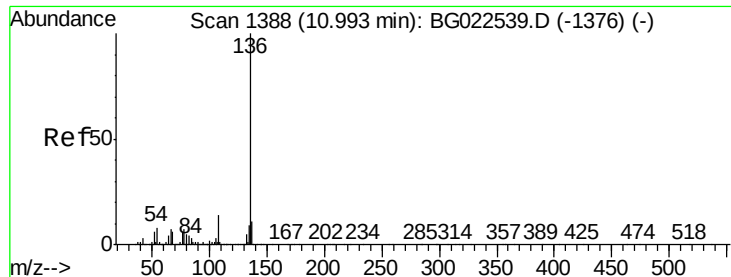
119 339.6 73.7 110.5#

201 0.0 88.7 133.1#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.99 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BG022629.D

Acq: 27 Jun 2016 4:04

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 632659

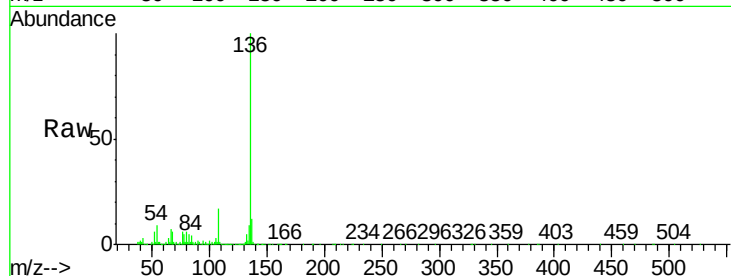
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.6	14.4
54	8.6	7.3	10.9
68	6.1	5.3	7.9

136 100

137 11.9 9.6 14.4

54 8.6 7.3 10.9

68 6.1 5.3 7.9

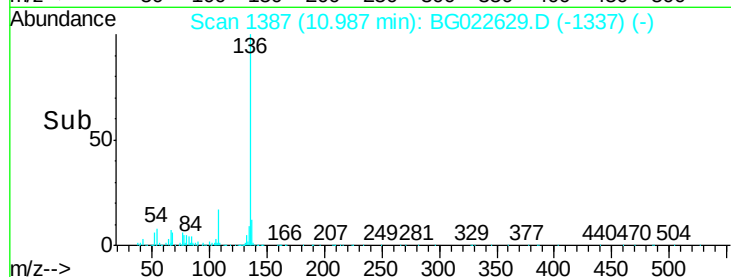


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

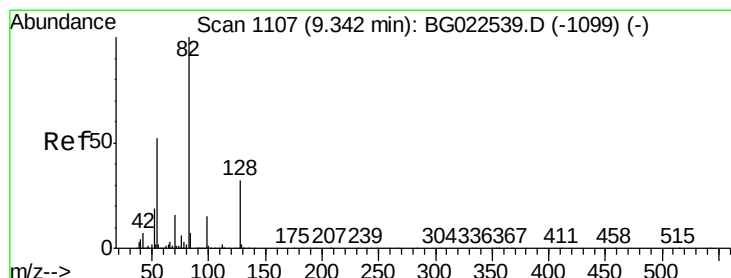
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->

10.99



#23

Nitrobenzene-d5

Concen: 82.52 ng

RT: 9.34 min Scan# 1106

Delta R.T. -0.00 min

Lab File: BG022629.D

Acq: 27 Jun 2016 4:04

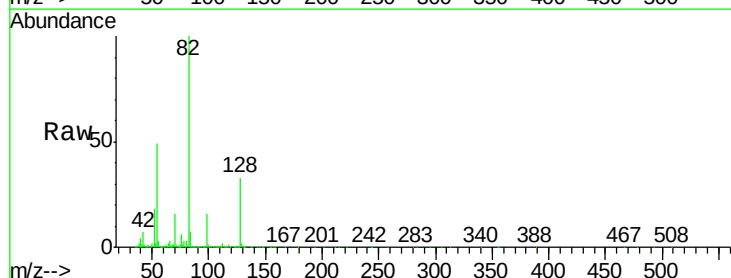
Tgt Ion: 82 Resp: 1233541

Ion	Ratio	Lower	Upper
82	100		
128	33.4	24.4	36.6
54	48.5	41.4	62.0

82 100

128 33.4 24.4 36.6

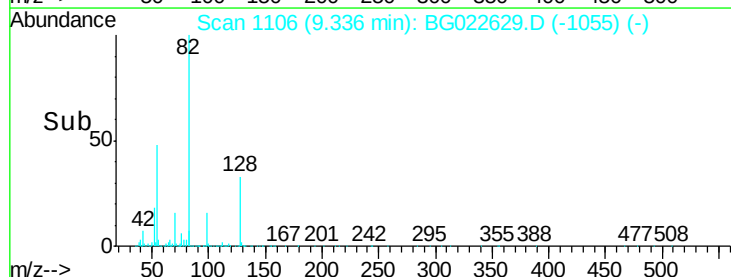
54 48.5 41.4 62.0



Abundance Ion 82.00 (81.70 to 82.70): BGC

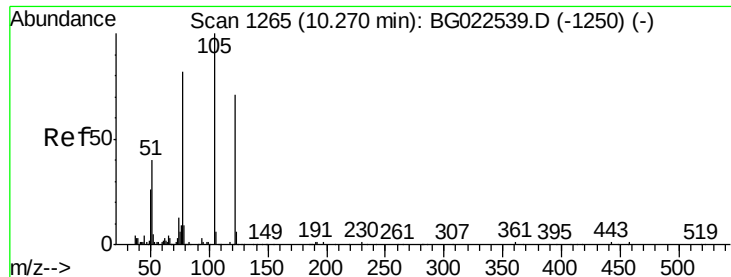
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC



Time-->

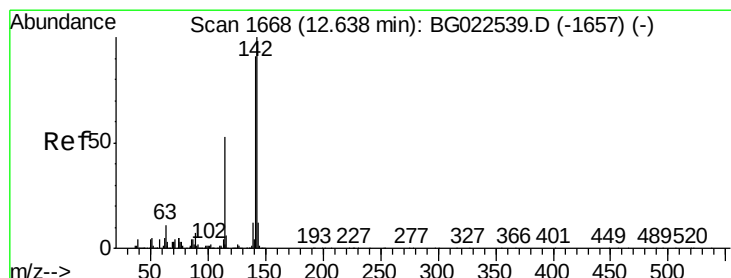
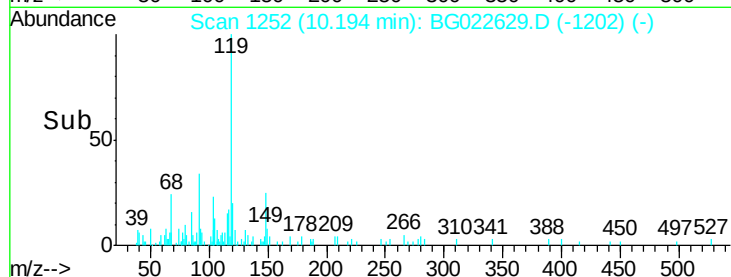
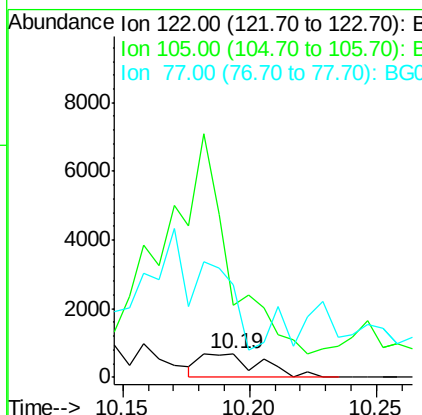
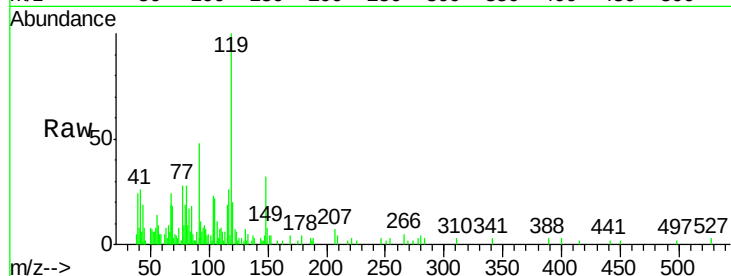
9.34



#32
Benzoic acid
Concen: 5.25 ng
RT: 10.19 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BG022629.D
Acq: 27 Jun 2016 4:04

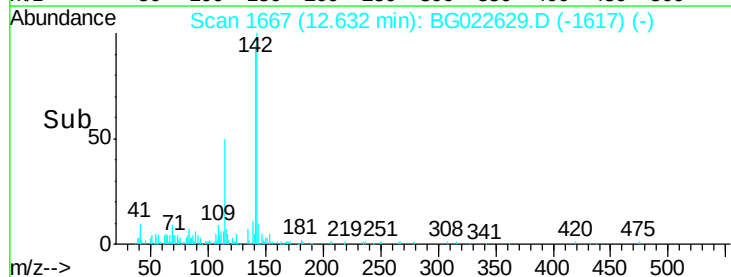
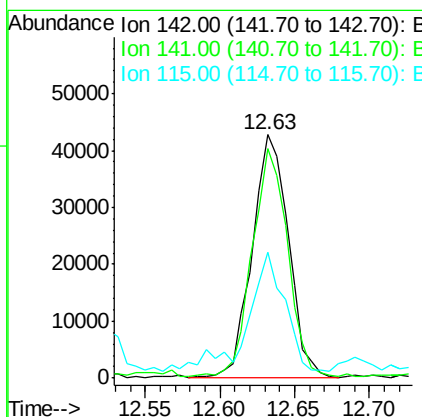
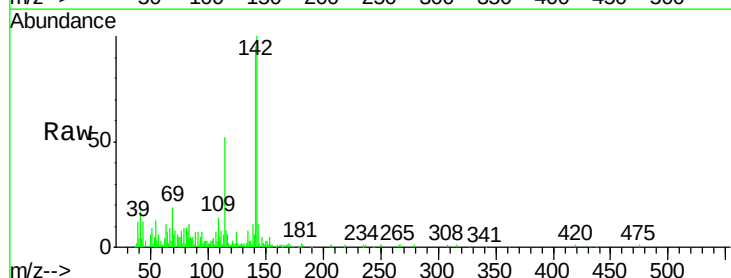
Instrument :
BNA_G
ClientSampleId :

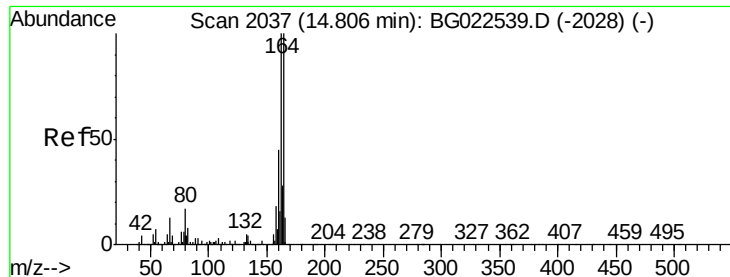
Tot Ion:122 Resp: 1128
Ion Ratio Lower Upper
122 100
105 309.2 117.2 157.2#
77 393.9 109.2 149.2#



#37
2-Methylnaphthalene
Concen: 2.91 ng
RT: 12.63 min Scan# 1667
Delta R.T. -0.01 min
Lab File: BG022629.D
Acq: 27 Jun 2016 4:04

Tgt Ion:142 Resp: 71886
Ion Ratio Lower Upper
142 100
141 94.5 70.2 105.2
115 51.7 41.7 62.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG022629.D

Acq: 27 Jun 2016 4:04

Instrument :

BNA_G

ClientSampleId :

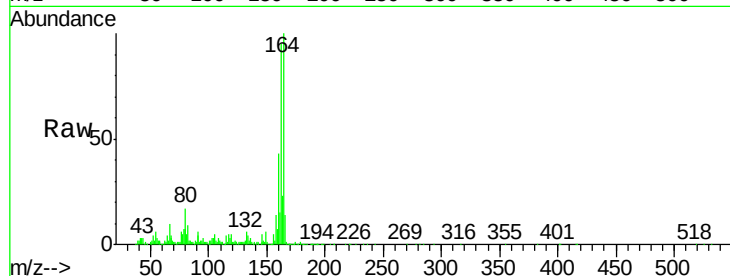
Tot Ion:164 Resp: 526204

Ion Ratio Lower Upper

164 100

162 95.0 87.7 131.5

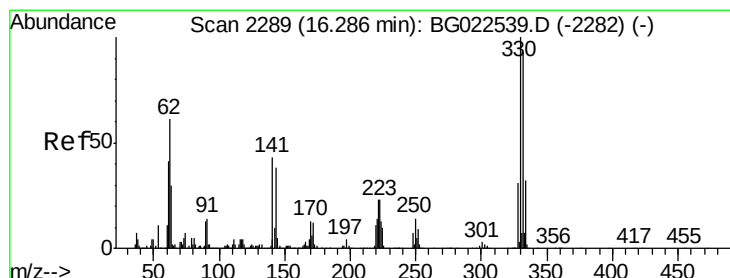
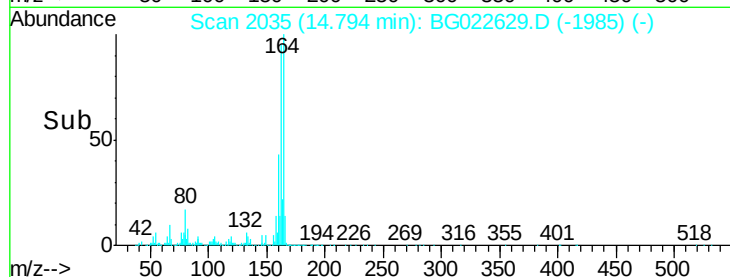
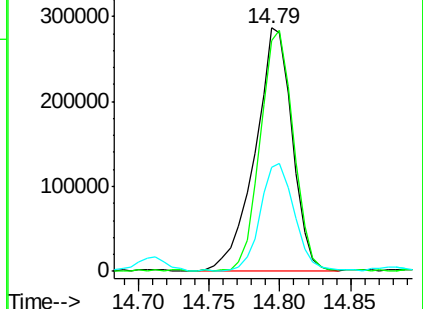
160 43.0 37.2 55.8



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: 115.37 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BG022629.D

Acq: 27 Jun 2016 4:04

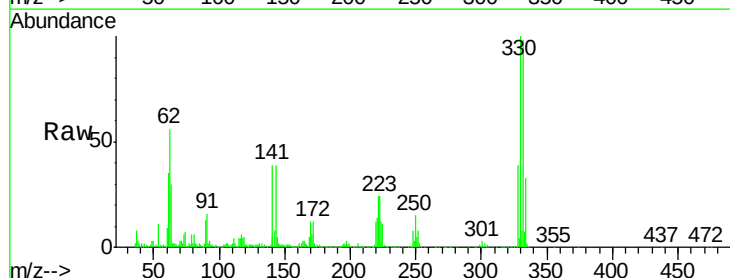
Tgt Ion:330 Resp: 954874

Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.2

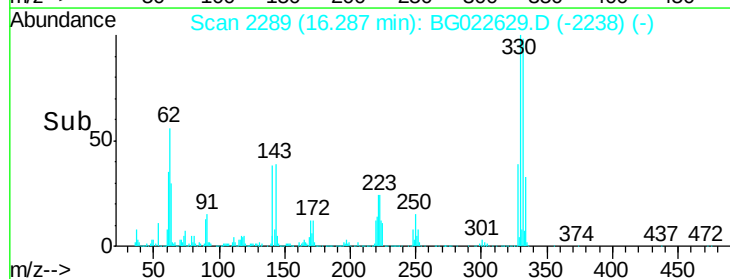
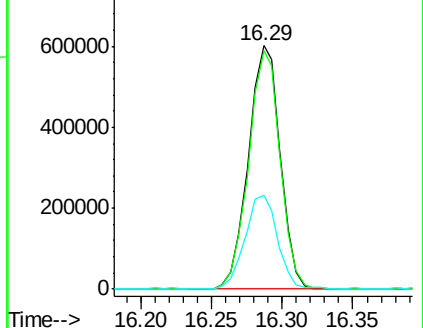
141 38.9 31.7 47.5

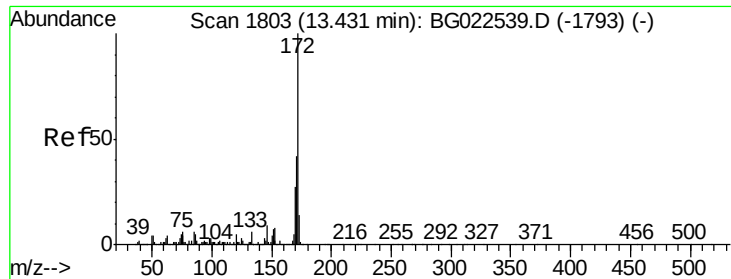


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

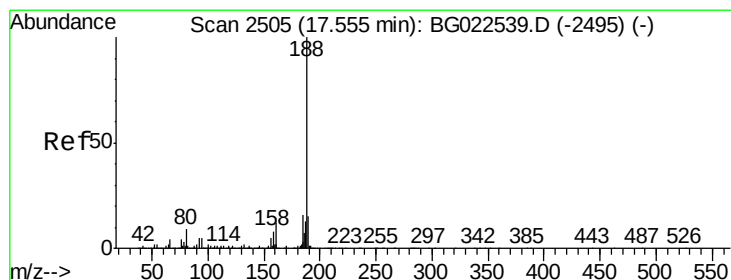
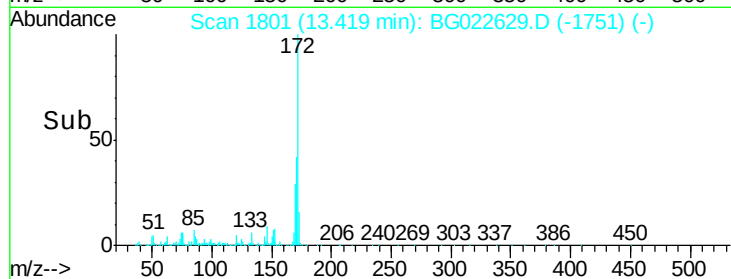
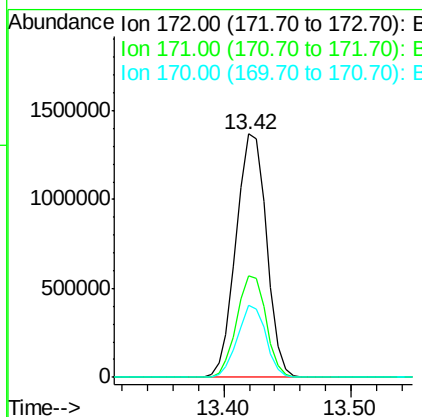
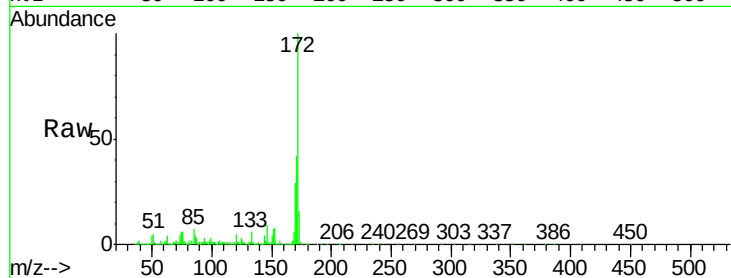




#44
2-Fluorobiphenyl
Concen: 68.67 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG022629.D
Acq: 27 Jun 2016 4:04

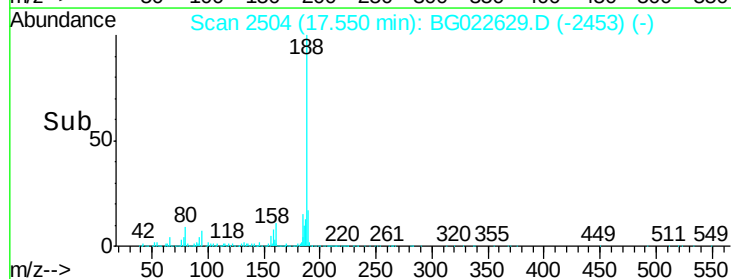
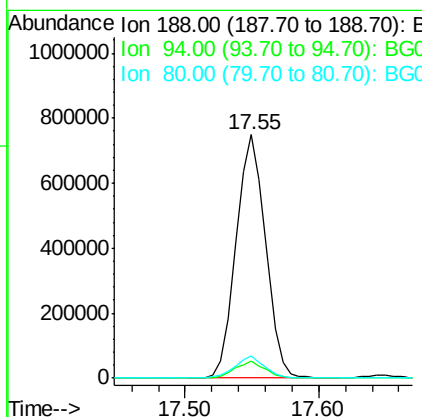
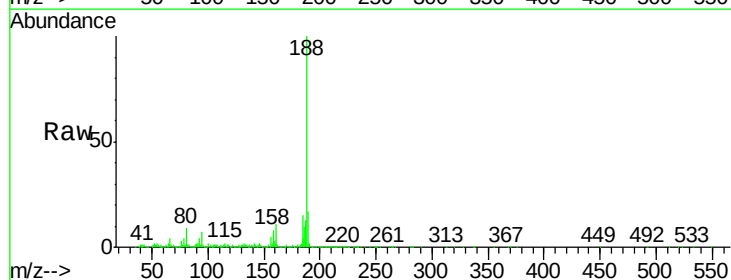
Instrument :
BNA_G
ClientSampleId :

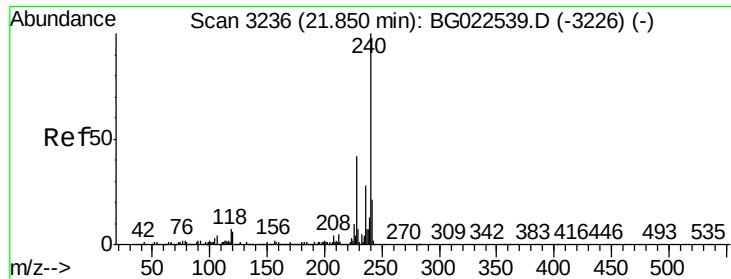
Tot Ion:172 Resp: 2278499
Ion Ratio Lower Upper
172 100
171 41.9 31.6 47.4
170 29.4 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.00 min
Lab File: BG022629.D
Acq: 27 Jun 2016 4:04

Tgt Ion:188 Resp: 1143831
Ion Ratio Lower Upper
188 100
94 7.2 5.2 7.8
80 9.1 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BG022629.D

Acq: 27 Jun 2016 4:04

Instrument :

BNA_G

ClientSampleId :

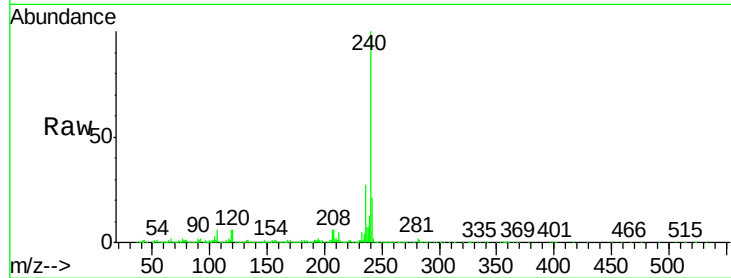
Tot Ion:240 Resp: 1291821

Ion Ratio Lower Upper

240 100

120 6.4 4.1 6.1#

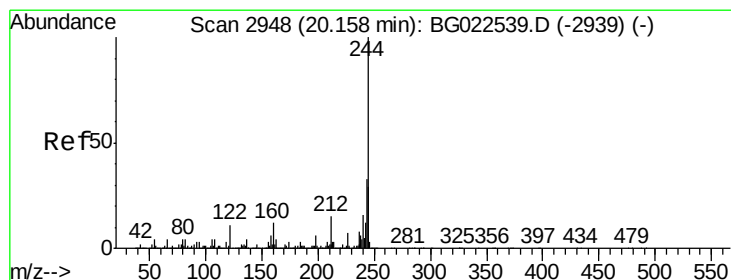
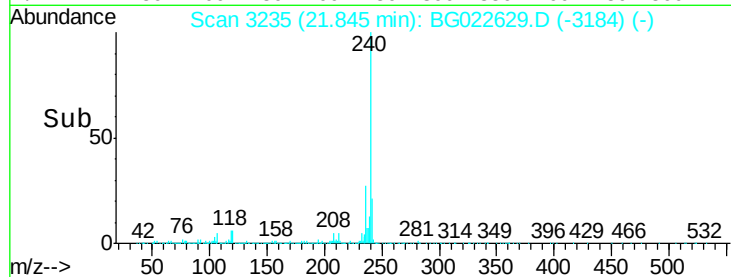
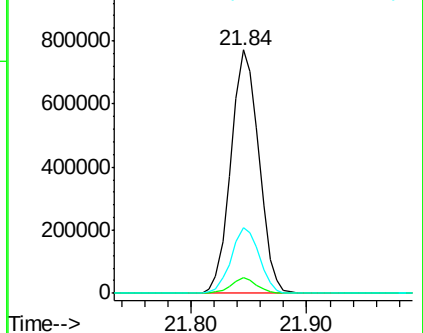
236 27.0 21.1 31.7



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: 65.09 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG022629.D

Acq: 27 Jun 2016 4:04

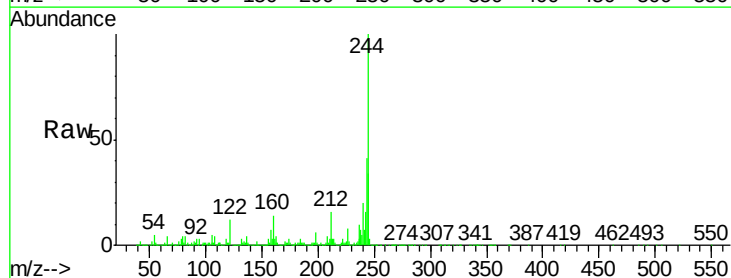
Tgt Ion:244 Resp: 3173776

Ion Ratio Lower Upper

244 100

212 15.9 10.8 16.2

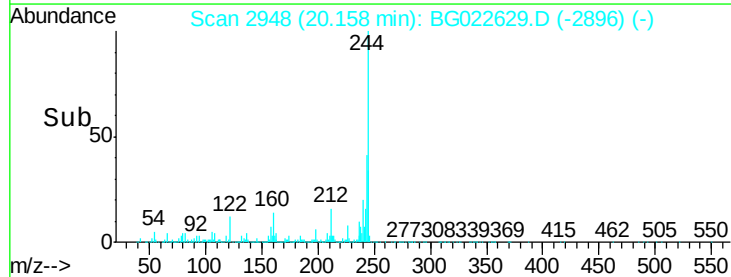
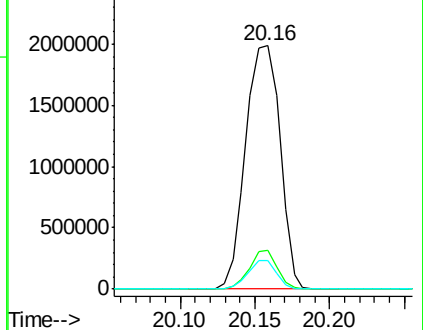
122 11.8 8.0 12.0

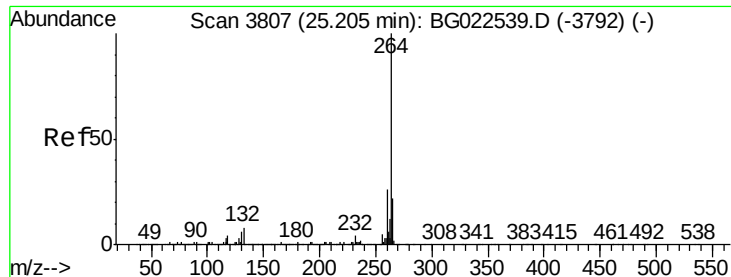


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.21 min Scan# 3807
Delta R.T. -0.00 min
Lab File: BG022629.D
Acq: 27 Jun 2016 4:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 1330520

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.4	27.6
265	21.0	18.9	28.3

