

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
 Data File : BG024108.D
 Acq On : 24 Sep 2016 4:21
 Operator : UM/SJ
 Sample : PB93571BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93571BL

Quant Time: Sep 24 05:16:55 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

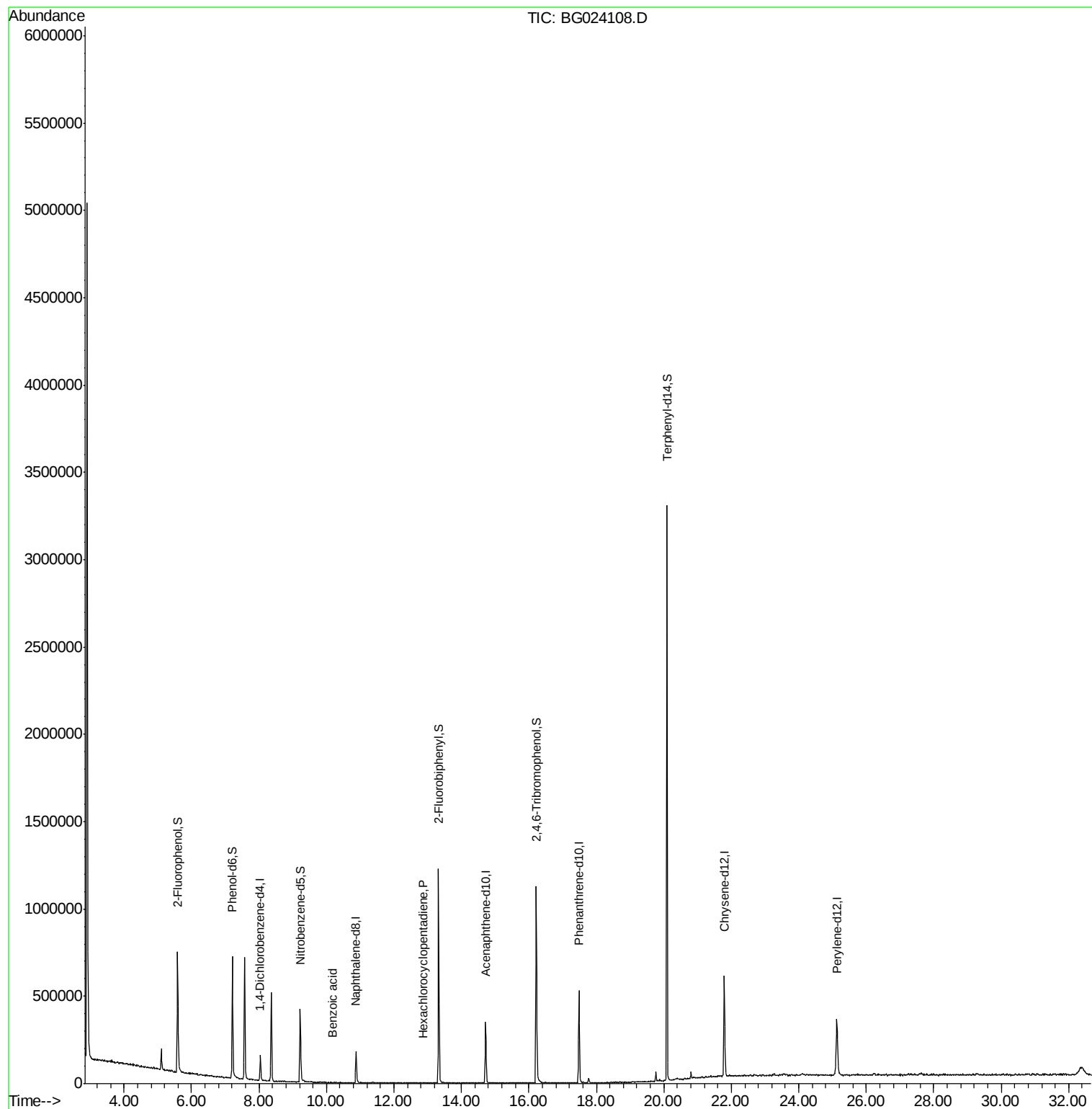
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	36455	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	160644	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	136572	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	355657	20.00	ng	0.00
75) Chrysene-d12	21.79	240	405983	20.00	ng	0.00
86) Perylene-d12	25.13	264	388918	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	271681	129.11	ng	0.00
7) Phenol-d6	7.21	99	406320	114.76	ng	0.00
23) Nitrobenzene-d5	9.22	82	294123	72.16	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	220404	112.27	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	625985	77.05	ng	0.00
78) Terphenyl-d14	20.09	244	1325798	66.87	ng	0.00
Target Compounds						
32) Benzoic acid	10.19	122	175	2.25	ng	# 22
40) Hexachlorocyclopentadiene	12.85	237	56	3.62	ng	# 26

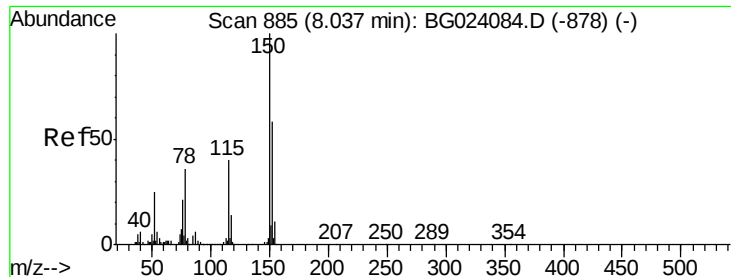
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 885

Delta R.T. -0.00 min

Lab File: BG024108.D

Acq: 24 Sep 2016 4:21

Instrument :

BNA_G

ClientSampleId :

PB93571BL

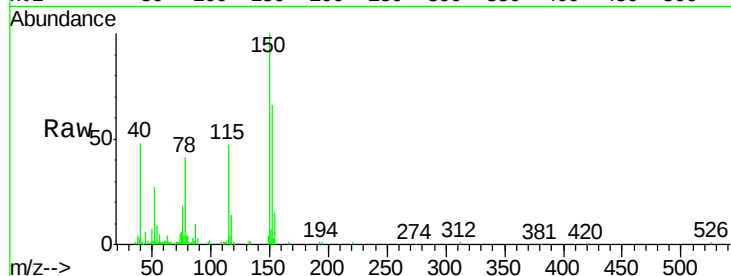
Tgt Ion:152 Resp: 36455

Ion Ratio Lower Upper

152 100

150 150.4 144.7 217.1

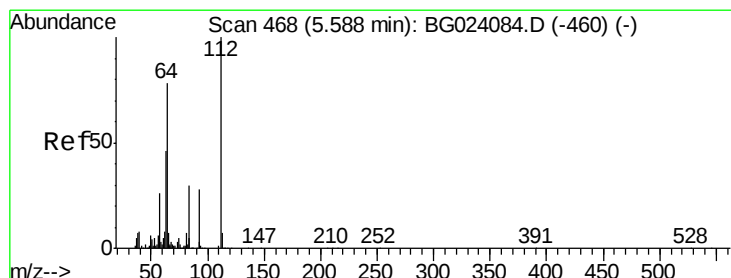
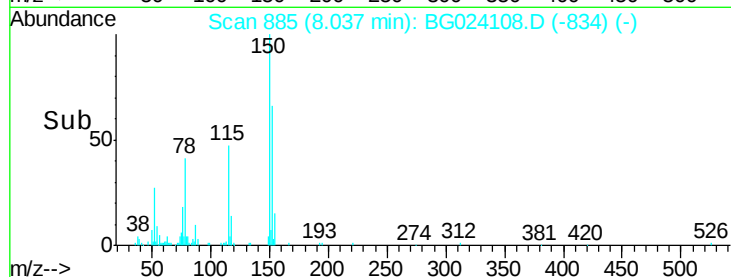
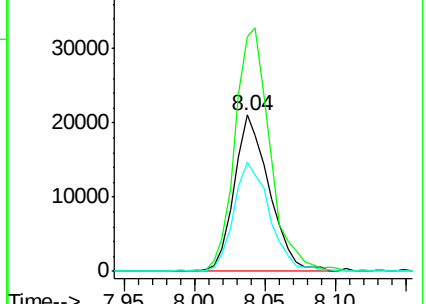
115 70.3 64.0 96.0



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: 129.11 ng

RT: 5.59 min Scan# 468

Delta R.T. 0.00 min

Lab File: BG024108.D

Acq: 24 Sep 2016 4:21

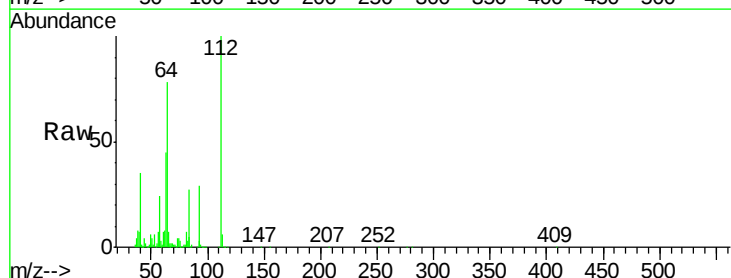
Tgt Ion:112 Resp: 271681

Ion Ratio Lower Upper

112 100

64 78.0 59.0 88.4

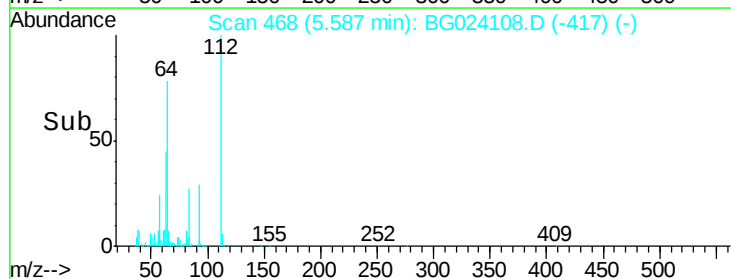
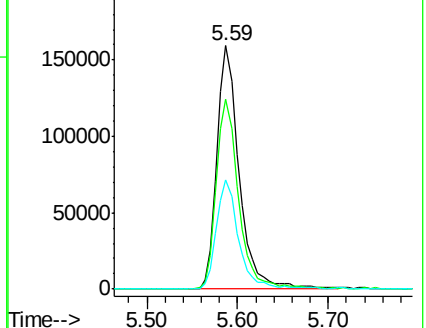
63 44.7 37.8 56.8

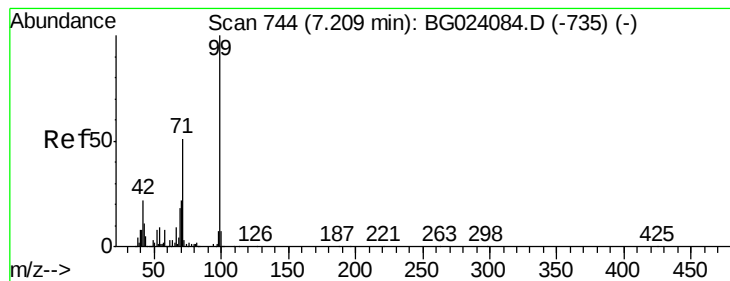


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 114.76 ng

RT: 7.21 min Scan# 744

Delta R.T. -0.00 min

Lab File: BG024108.D

Acq: 24 Sep 2016 4:21

Instrument :

BNA_G

ClientSampleId :

PB93571BL

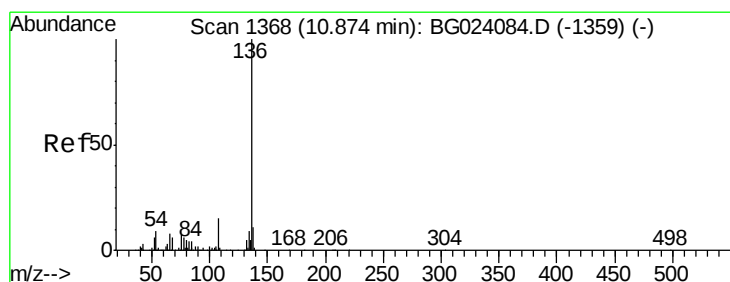
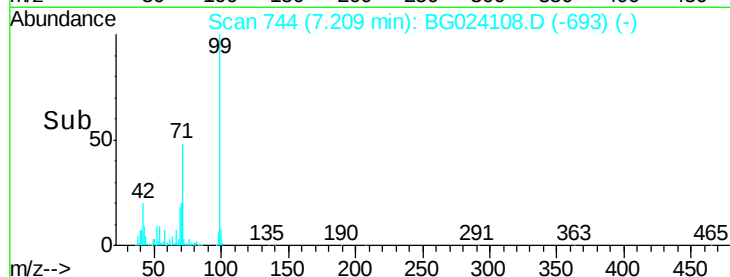
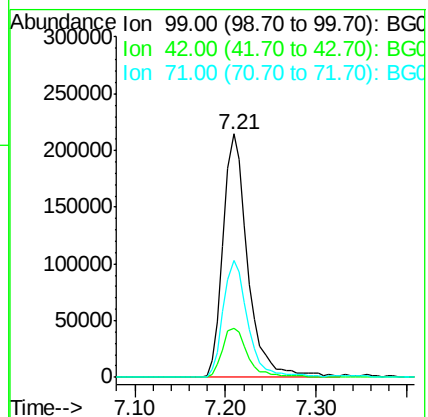
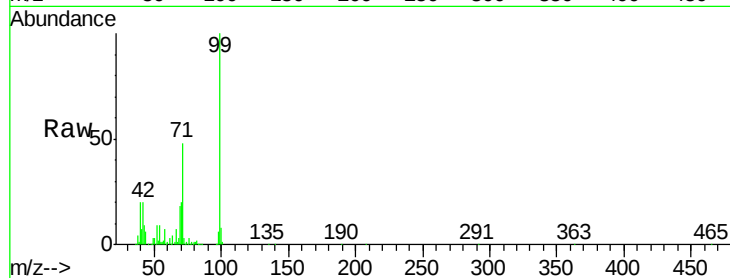
Tgt Ion: 99 Resp: 406320

Ion Ratio Lower Upper

99 100

42 20.3 17.8 26.6

71 47.9 41.5 62.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.87 min Scan# 1368

Delta R.T. -0.00 min

Lab File: BG024108.D

Acq: 24 Sep 2016 4:21

Tgt Ion: 136 Resp: 160644

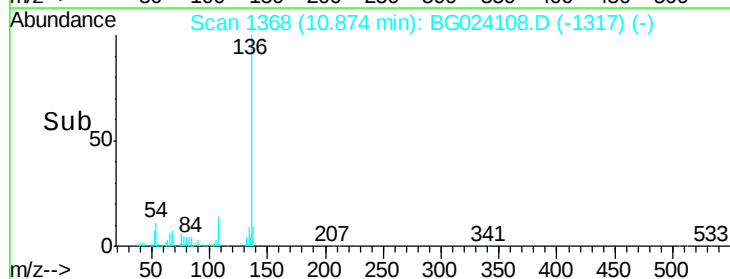
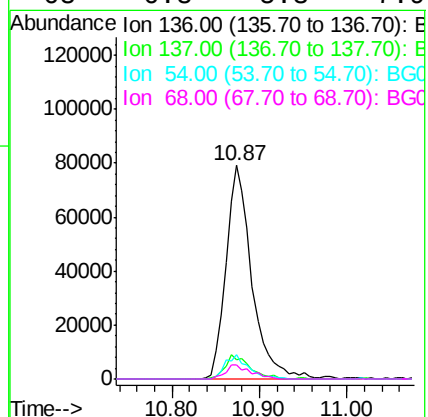
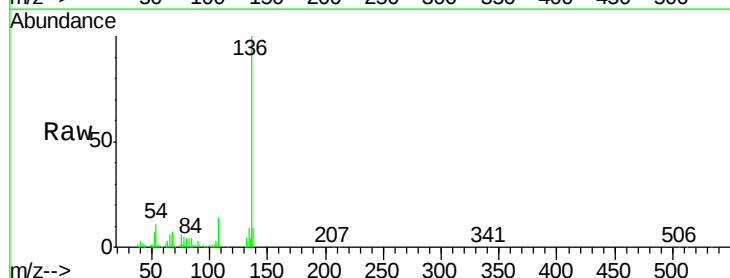
Ion Ratio Lower Upper

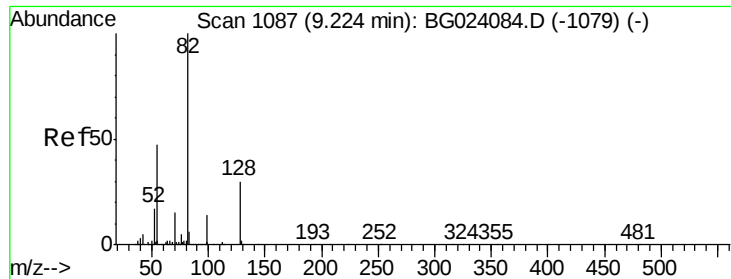
136 100

137 9.0 9.6 14.4#

54 11.1 7.3 10.9#

68 6.8 5.3 7.9

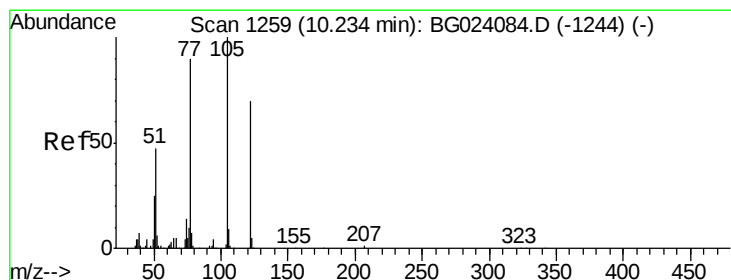
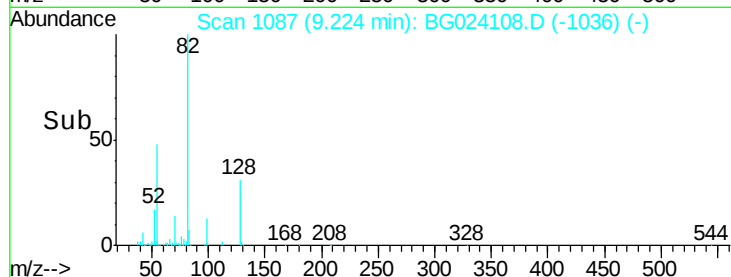
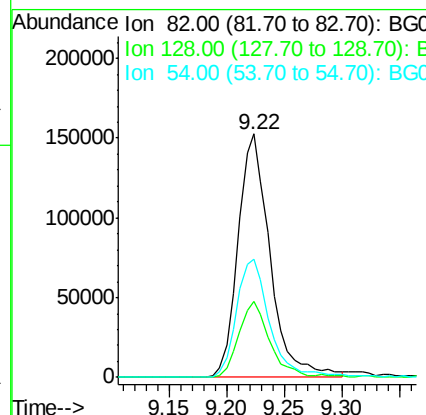
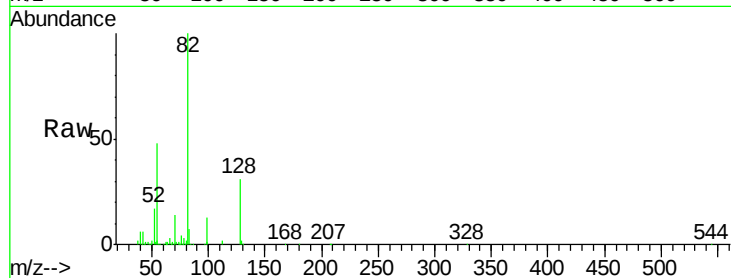




#23
 Nitrobenzene-d5
 Concen: 72.16 ng
 RT: 9.22 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BG024108.D
 Acq: 24 Sep 2016 4:21

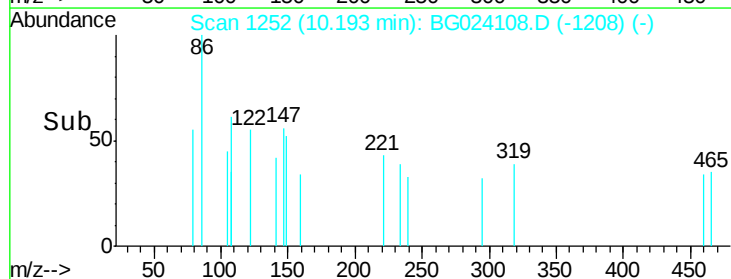
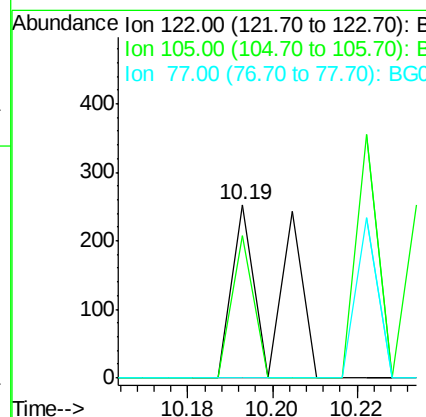
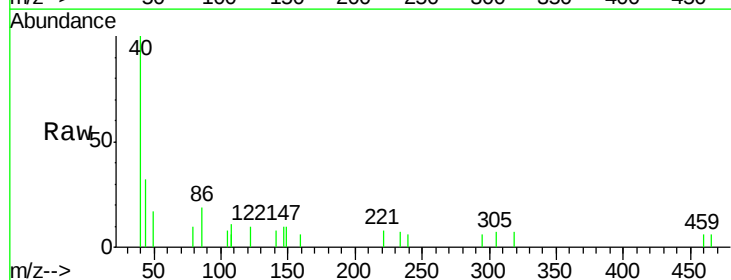
Instrument :
 BNA_G
 ClientSampleId :
 PB93571BL

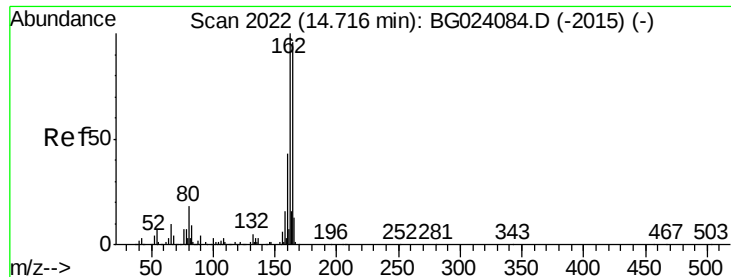
Tgt Ion	Ratio	Lower	Upper
82	100		
128	31.1	24.4	36.6
54	48.4	41.4	62.0



#32
 Benzoic acid
 Concen: 2.25 ng
 RT: 10.19 min Scan# 1252
 Delta R.T. -0.04 min
 Lab File: BG024108.D
 Acq: 24 Sep 2016 4:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	81.8	117.2	157.2#
77	0.0	109.2	149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.72 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BG024108.D

Acq: 24 Sep 2016 4:21

Instrument :

BNA_G

ClientSampleId :

PB93571BL

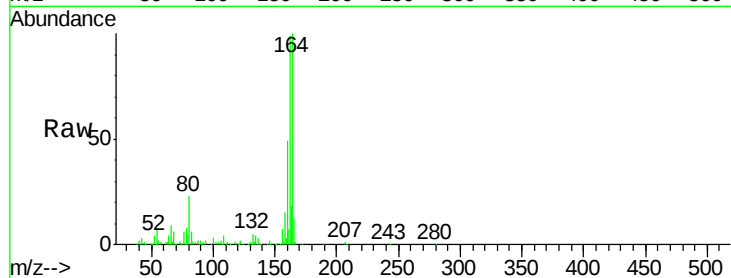
Tgt Ion:164 Resp: 136572

Ion Ratio Lower Upper

164 100

162 99.3 87.7 131.5

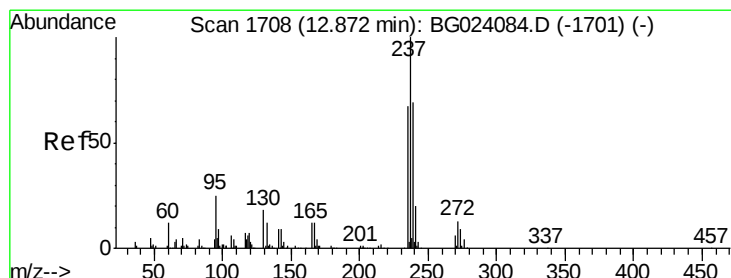
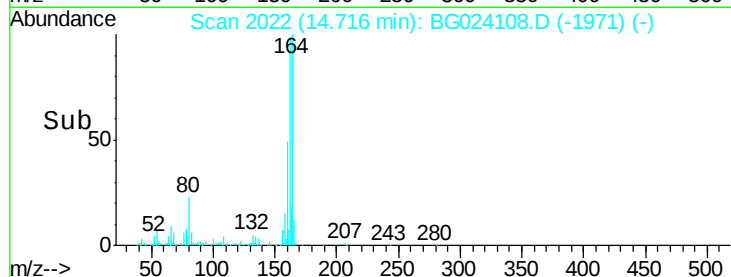
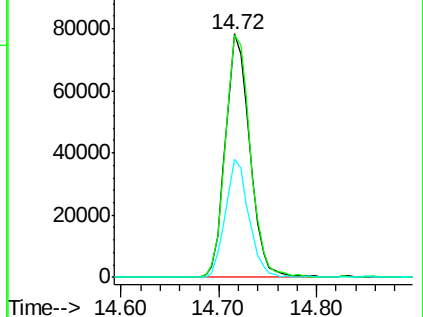
160 48.7 37.2 55.8



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



#40

Hexachlorocyclopentadiene

Concen: 3.62 ng

RT: 12.85 min Scan# 1705

Delta R.T. -0.02 min

Lab File: BG024108.D

Acq: 24 Sep 2016 4:21

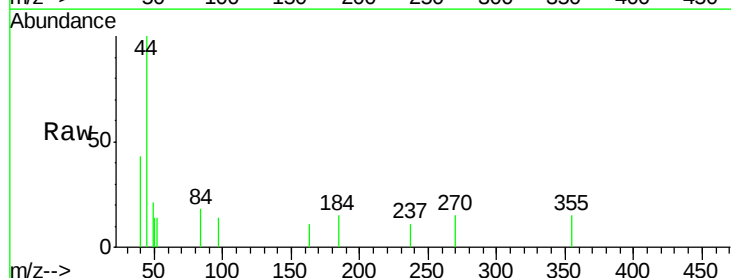
Tgt Ion:237 Resp: 56

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

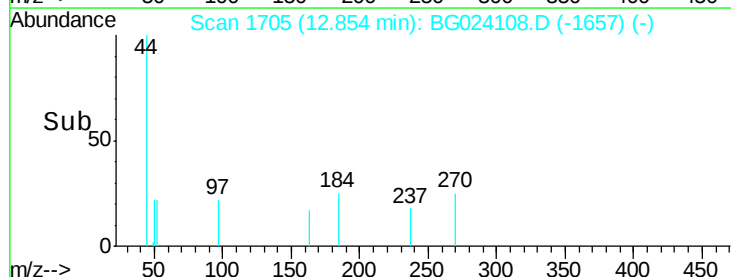
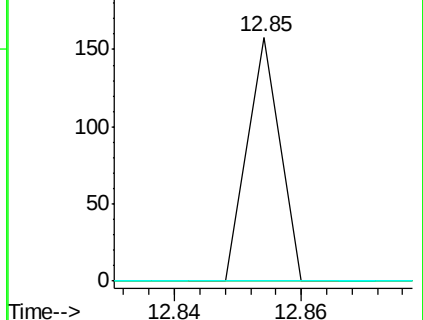
272 0.0 0.0 30.9

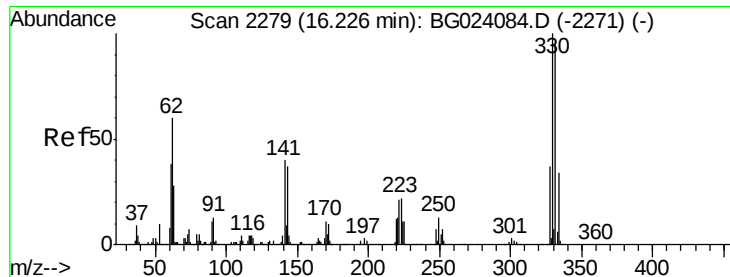


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

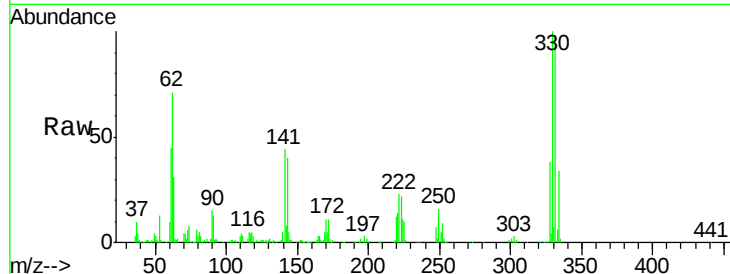




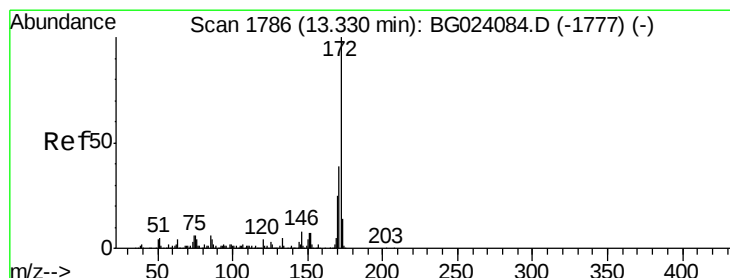
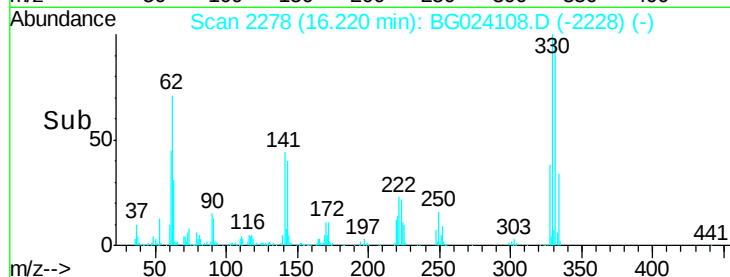
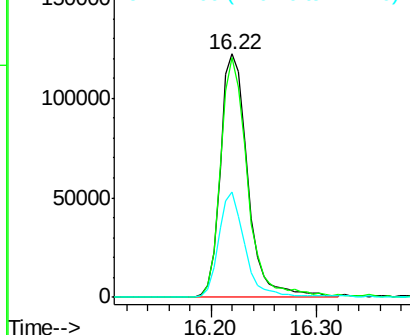
#41
 2,4,6-Tribromophenol
 Concen: 112.27 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BG024108.D
 Acq: 24 Sep 2016 4:21

Instrument :
 BNA_G
 ClientSampleId :
 PB93571BL

Tgt Ion:330 Resp: 220404
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 42.1 31.7 47.5

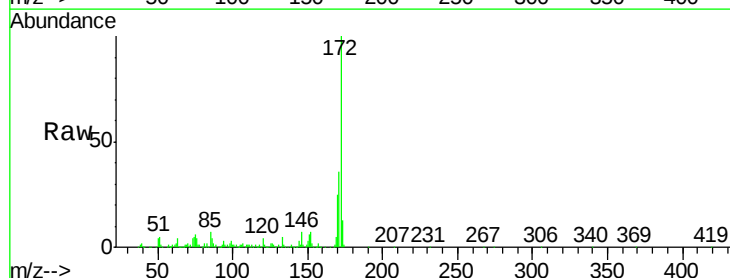


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

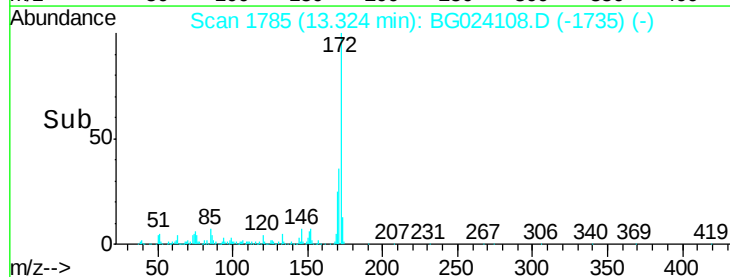
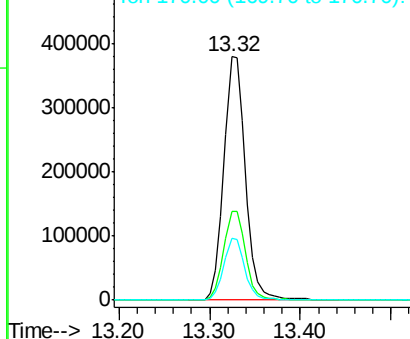


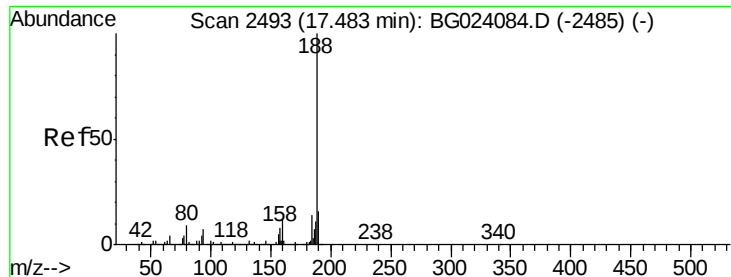
#44
 2-Fluorobiphenyl
 Concen: 77.05 ng
 RT: 13.32 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG024108.D
 Acq: 24 Sep 2016 4:21

Tgt Ion:172 Resp: 625985
 Ion Ratio Lower Upper
 172 100
 171 36.2 31.6 47.4
 170 25.4 21.3 31.9



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2493

Delta R.T. -0.00 min

Lab File: BG024108.D

Acq: 24 Sep 2016 4:21

Instrument :

BNA_G

ClientSampleId :

PB93571BL

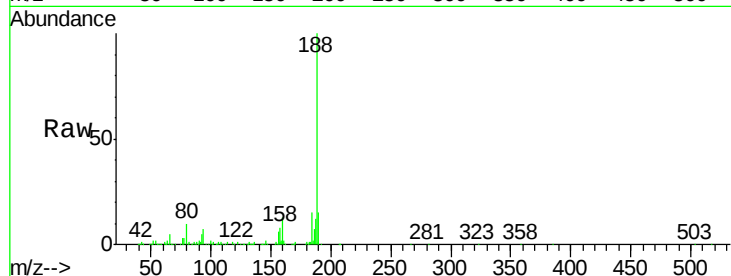
Tgt Ion:188 Resp: 355657

Ion Ratio Lower Upper

188 100

94 6.7 5.2 7.8

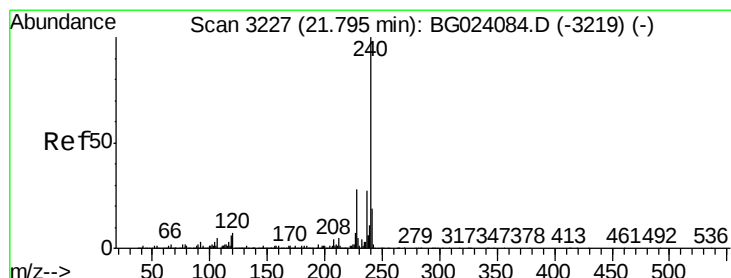
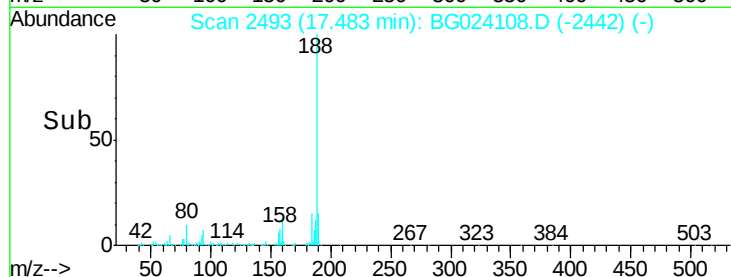
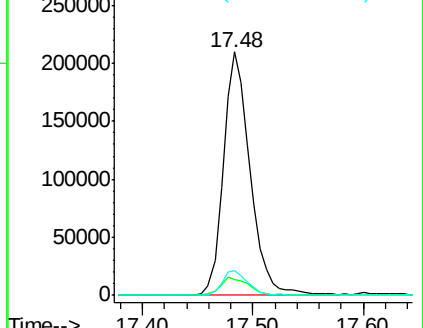
80 10.2 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.79 min Scan# 3227

Delta R.T. -0.00 min

Lab File: BG024108.D

Acq: 24 Sep 2016 4:21

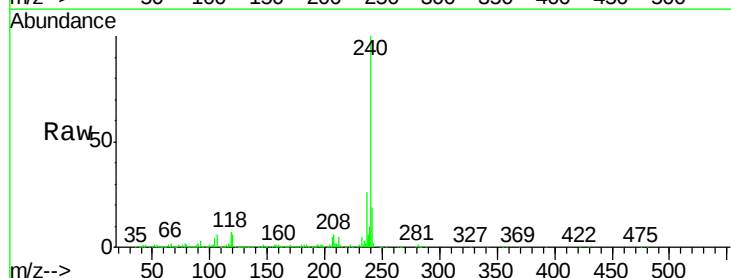
Tgt Ion:240 Resp: 405983

Ion Ratio Lower Upper

240 100

120 6.2 4.1 6.1#

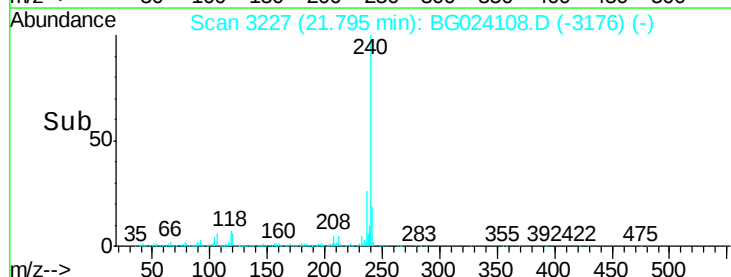
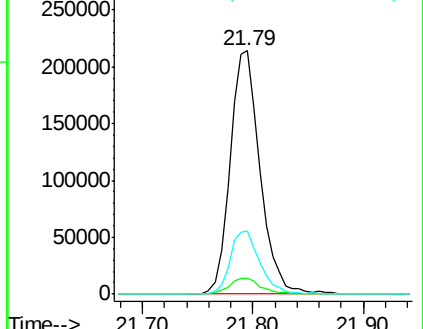
236 26.0 21.1 31.7

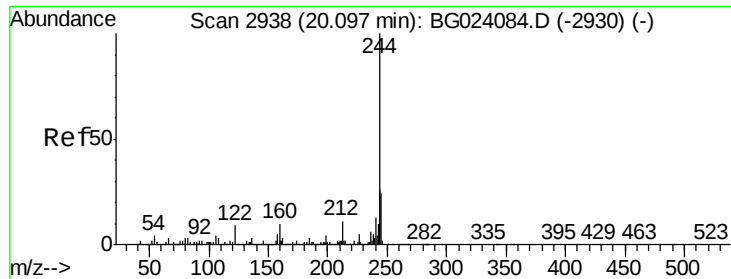


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 66.87 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.01 min

Lab File: BG024108.D

Acq: 24 Sep 2016 4:21

Instrument :

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PB93571BL

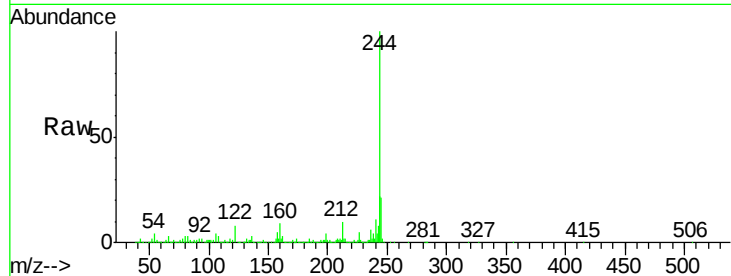
Tgt Ion:244 Resp: 1325798

Ion Ratio Lower Upper

244 100

212 10.2 10.8 16.2#

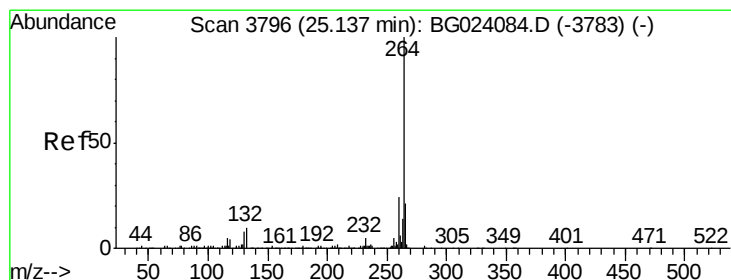
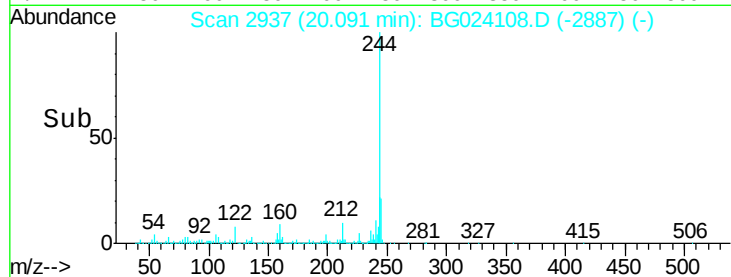
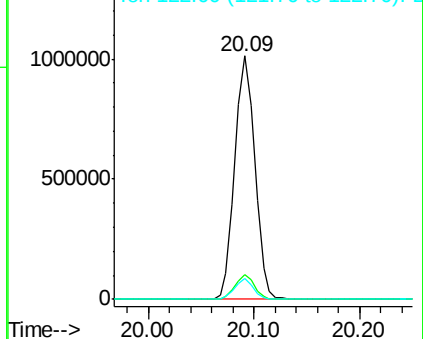
122 8.4 8.0 12.0



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

Perylene-d12

Concen: 20.00 ng

RT: 25.13 min Scan# 3795

Delta R.T. -0.01 min

Lab File: BG024108.D

Acq: 24 Sep 2016 4:21

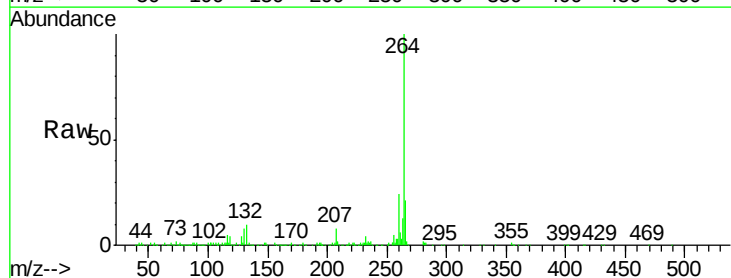
Tgt Ion:264 Resp: 388918

Ion Ratio Lower Upper

264 100

260 23.8 18.4 27.6

265 20.6 18.9 28.3



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

