

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\
 Data File : BG028845.D
 Acq On : 21 Sep 2017 6:29
 Operator : SJ/JU
 Sample : I5293-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 21 08:35:30 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

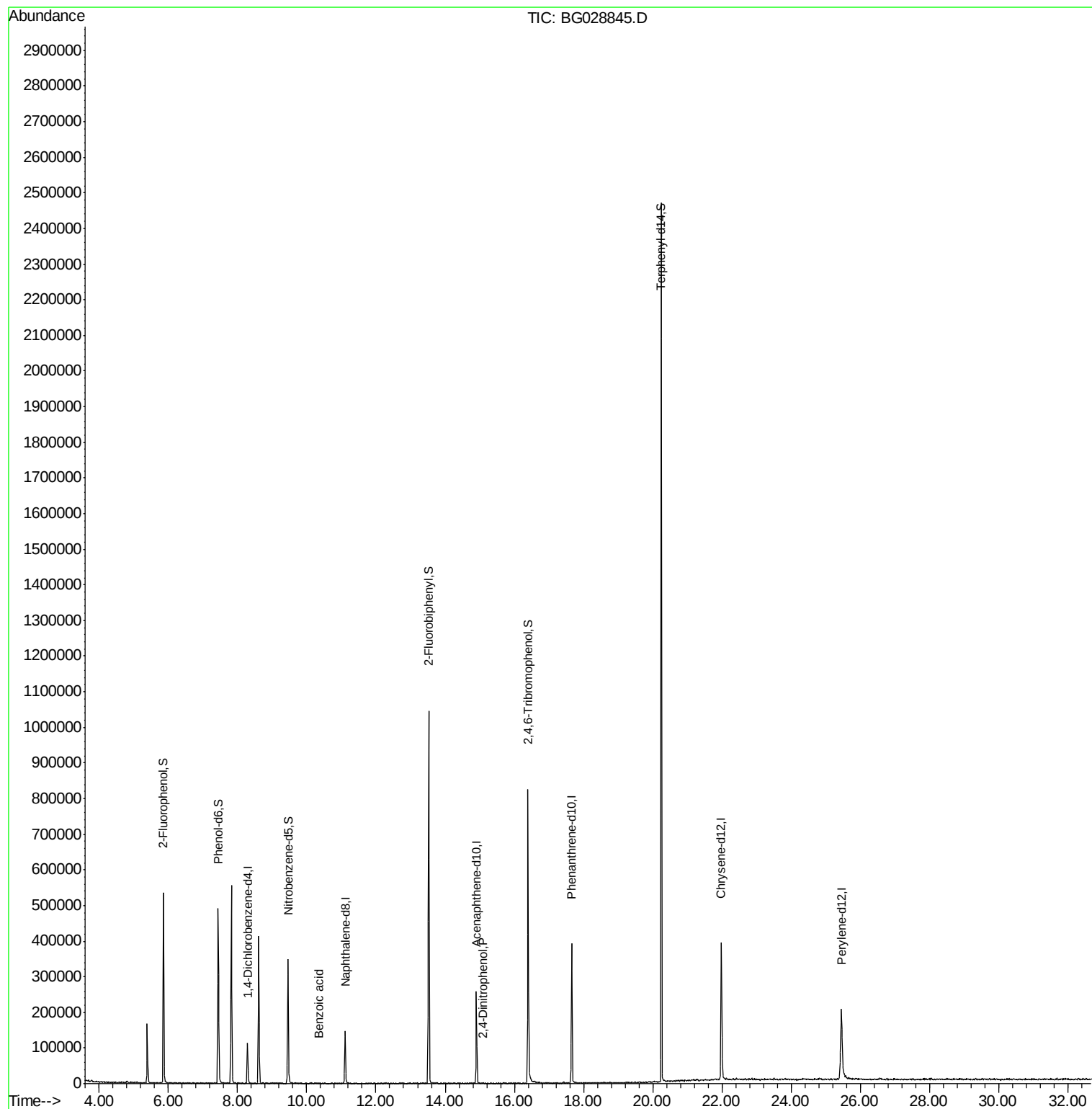
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	33165	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	133616	20.00	ng	-0.04
38) Acenaphthene-d10	14.90	164	93914	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	261451	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	295535	20.00	ng	-0.05
86) Perylene-d12	25.45	264	297720	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	234686	116.76	ng	-0.05
7) Phenol-d6	7.44	99	290281	95.92	ng	-0.05
23) Nitrobenzene-d5	9.46	82	221243	79.21	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	185271	119.28	ng	-0.04
44) 2-Fluorobiphenyl	13.52	172	573120	81.37	ng	-0.04
78) Terphenyl-d14	20.25	244	1169217	84.37	ng	-0.04
Target Compounds						
32) Benzoic acid	10.34	122	57	6.115	ng	# 1
53) 2,4-Dinitrophenol	15.10	184	76	8.076	ng	# 15

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

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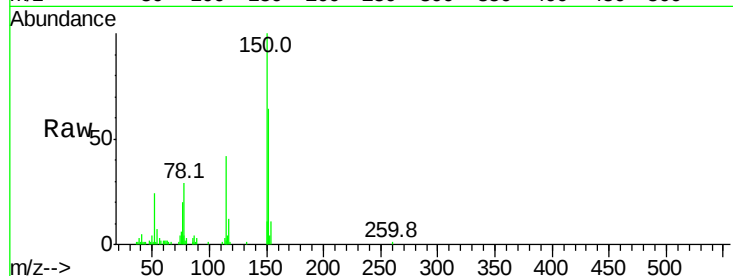


#1

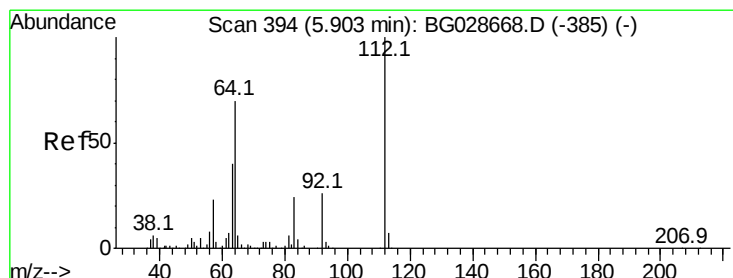
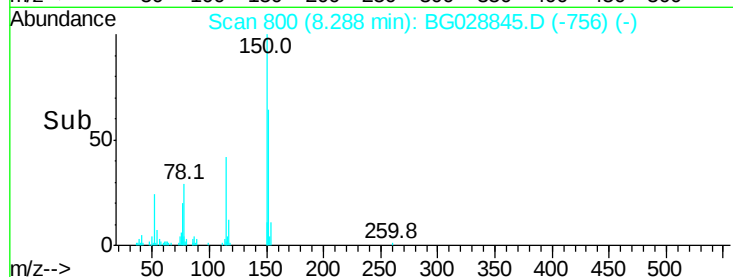
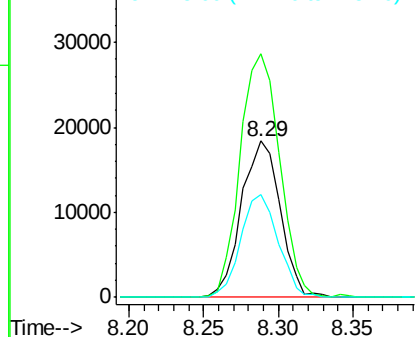
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.04 min
Lab File: BG028845.D
Acq: 21 Sep 2017 6:29

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	114.0	171.0
115	65.9	48.1	72.1



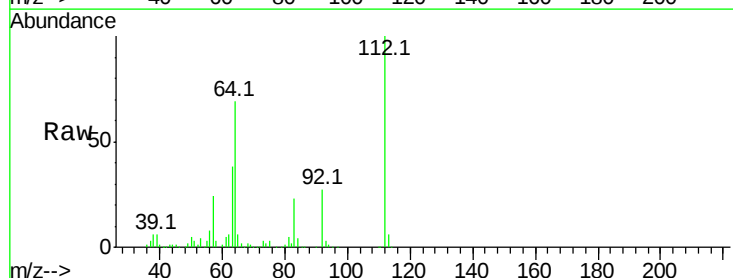
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



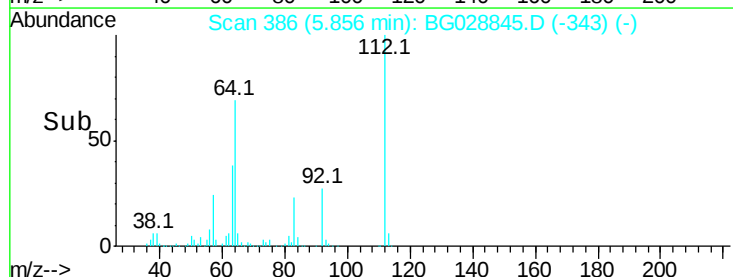
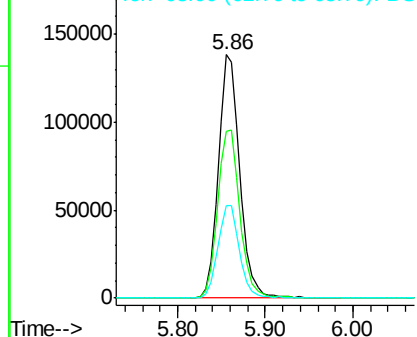
#5

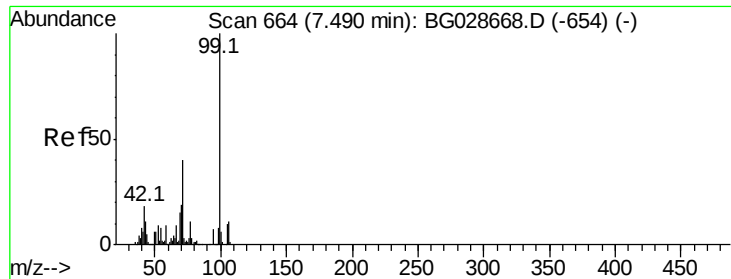
2-Fluorophenol
Concen: 116.763 ng
RT: 5.86 min Scan# 386
Delta R.T. -0.05 min
Lab File: BG028845.D
Acq: 21 Sep 2017 6:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.7	61.8	92.6
63	38.0	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: 95.922 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028845.D

Acq: 21 Sep 2017 6:29

Instrument :

BNA_G

ClientSampleId :

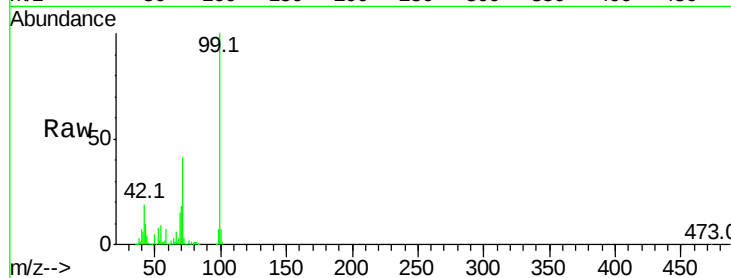
Tot Ion: 99 Resp: 290281

Ion Ratio Lower Upper

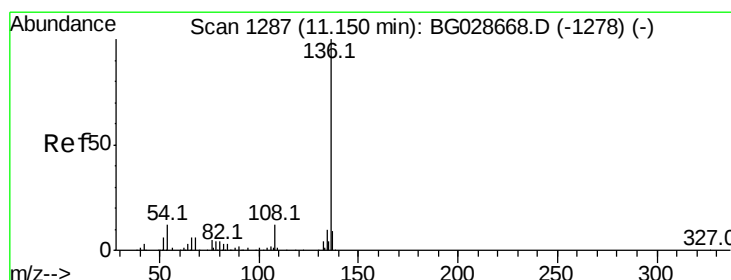
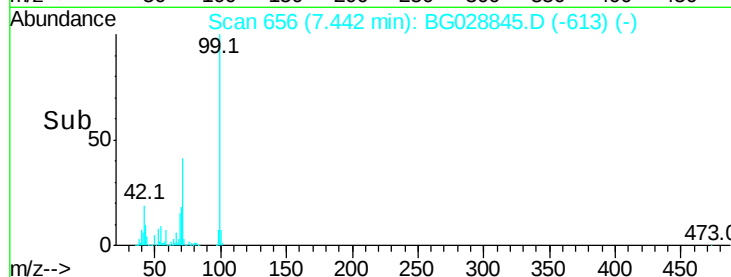
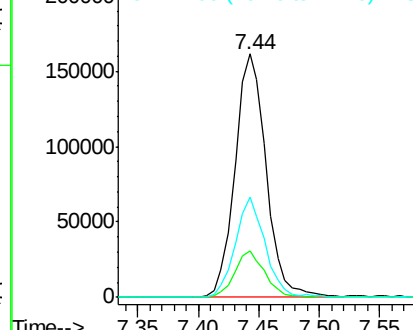
99 100

42 19.1 20.5 30.7#

71 41.3 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: 20.000 ng

RT: 11.11 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BG028845.D

Acq: 21 Sep 2017 6:29

Tgt Ion: 136 Resp: 133616

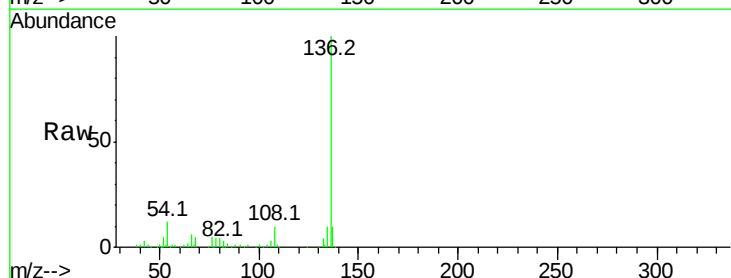
Ion Ratio Lower Upper

136 100

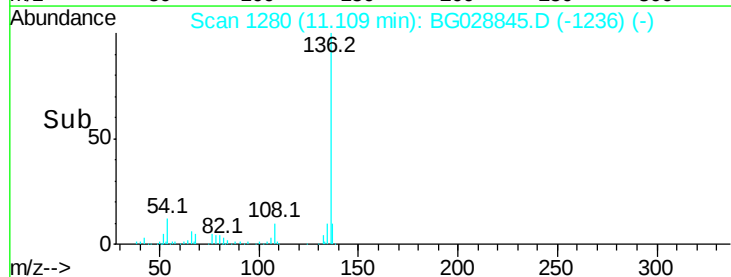
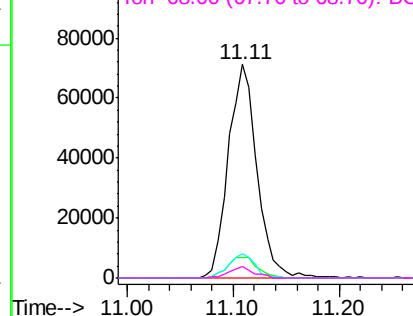
137 9.7 8.9 13.3

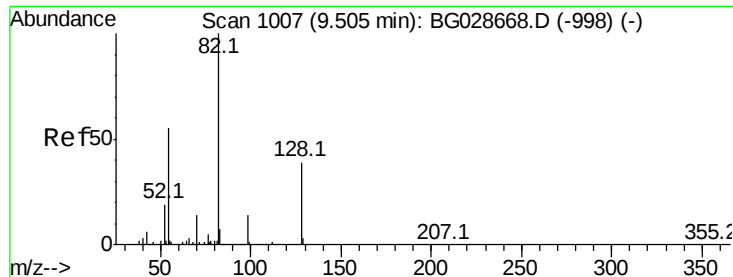
54 11.6 9.3 13.9

68 5.3 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

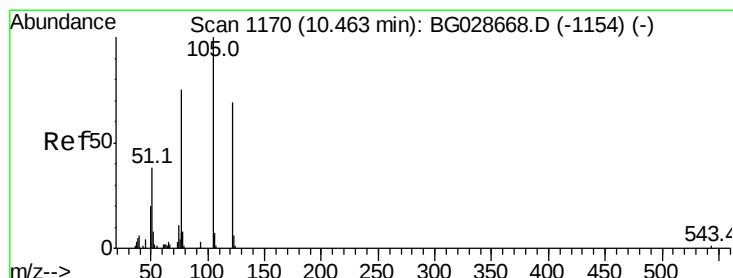
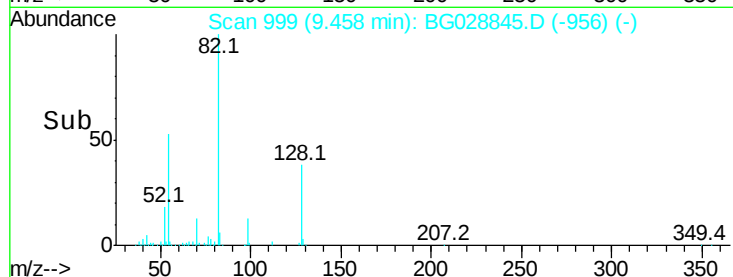
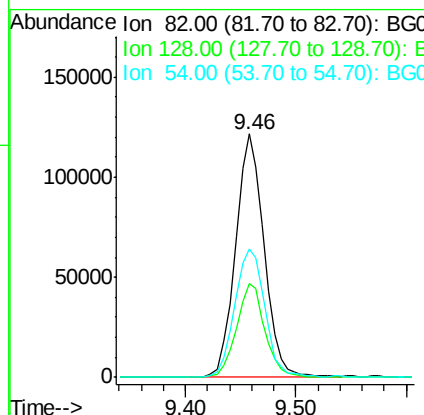
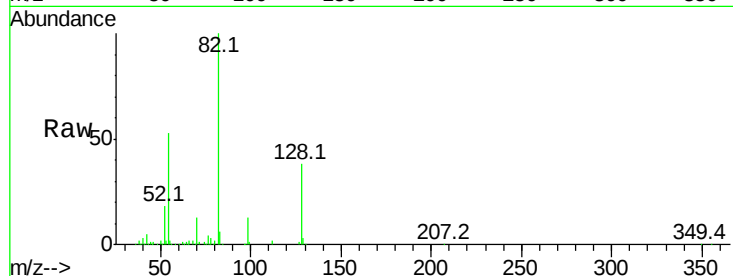




#23
 Nitrobenzene-d5
 Concen: 79.210 ng
 RT: 9.46 min Scan# 999
 Delta R.T. -0.05 min
 Lab File: BG028845.D
 Acq: 21 Sep 2017 6:29

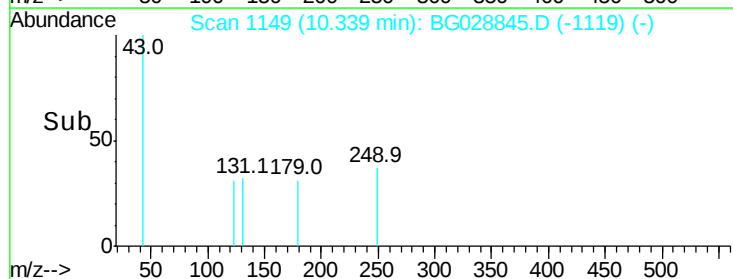
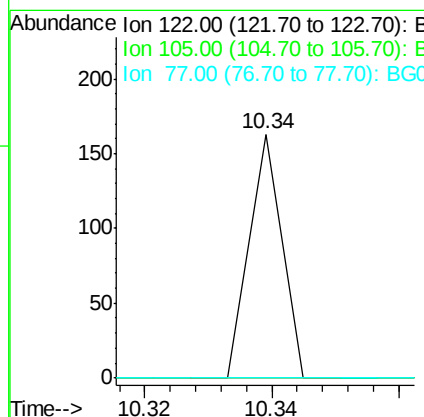
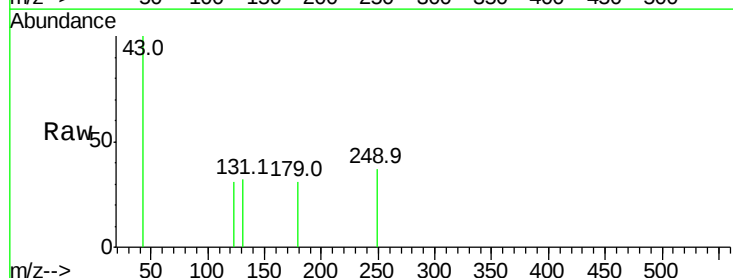
Instrument :
 BNA_G
 ClientSampleId :

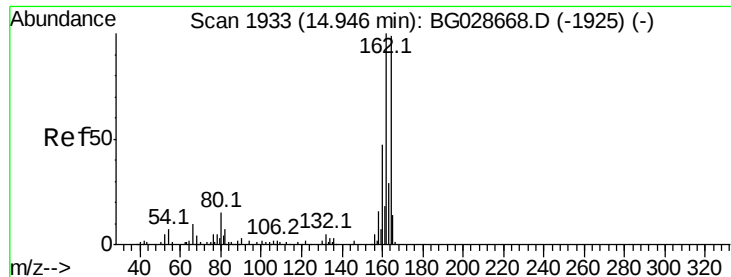
Tot Ion	82	Resp	221243
Ion Ratio	100	Lower	Upper
128	38.4	26.4	39.6
54	53.0	49.4	74.2



#32
 Benzoic acid
 Concen: 6.115 ng
 RT: 10.34 min Scan# 1149
 Delta R.T. -0.12 min
 Lab File: BG028845.D
 Acq: 21 Sep 2017 6:29

Tgt Ion	122	Resp	57
Ion Ratio	100	Lower	Upper
105	0.0	120.1	160.1#
77	0.0	104.6	144.6#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.90 min Scan# 1926

Delta R.T. -0.04 min

Lab File: BG028845.D

Acq: 21 Sep 2017 6:29

Instrument :

BNA_G

ClientSampleId :

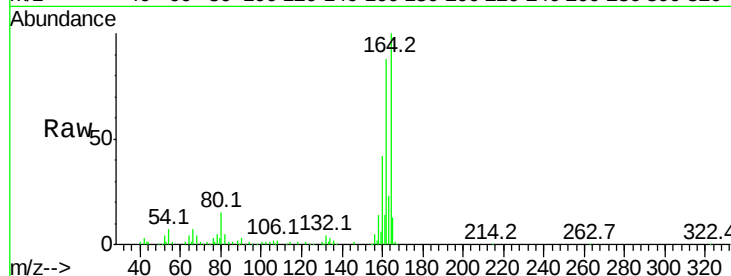
Tot Ion:164 Resp: 93914

Ion Ratio Lower Upper

164 100

162 88.5 85.1 127.7

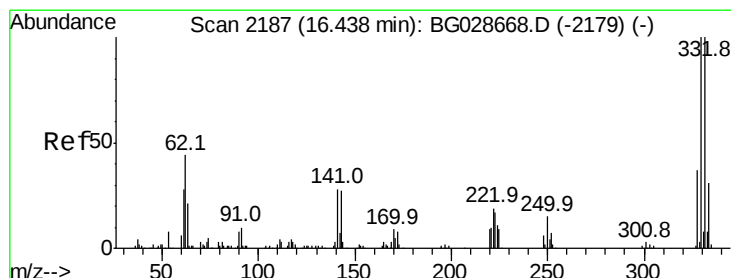
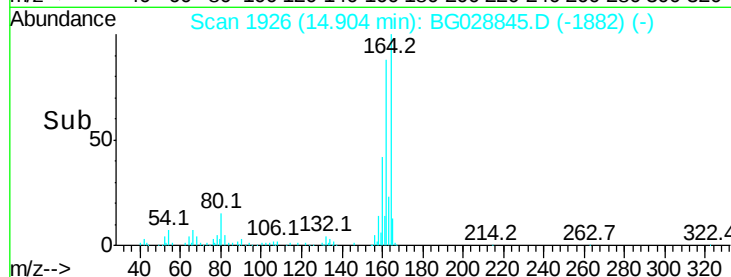
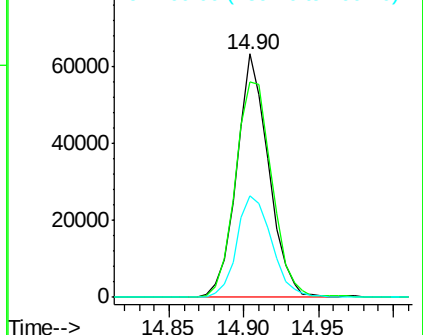
160 41.6 34.7 52.1



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: 119.277 ng

RT: 16.40 min Scan# 2180

Delta R.T. -0.04 min

Lab File: BG028845.D

Acq: 21 Sep 2017 6:29

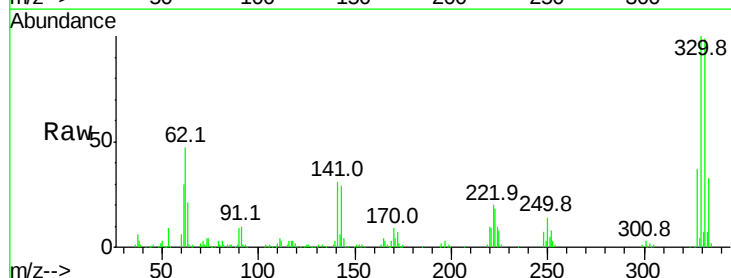
Tgt Ion:330 Resp: 185271

Ion Ratio Lower Upper

330 100

332 103.4 77.3 115.9

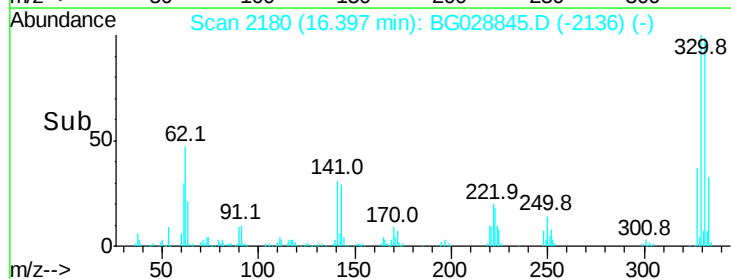
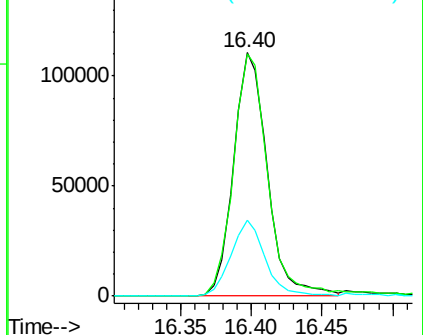
141 31.0 32.1 48.1#

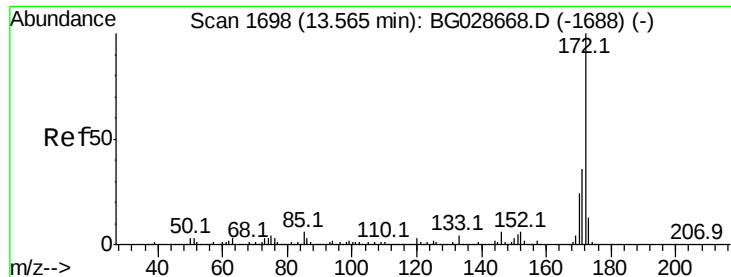


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

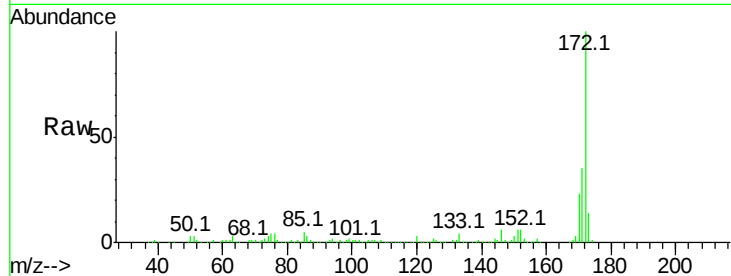




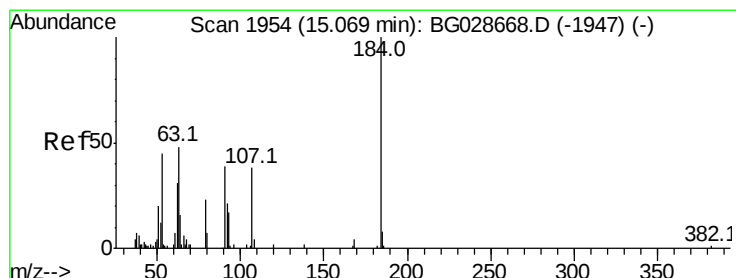
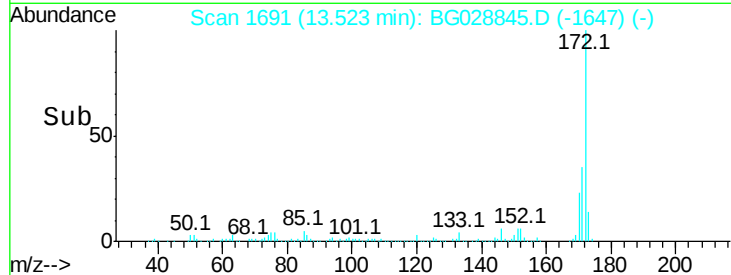
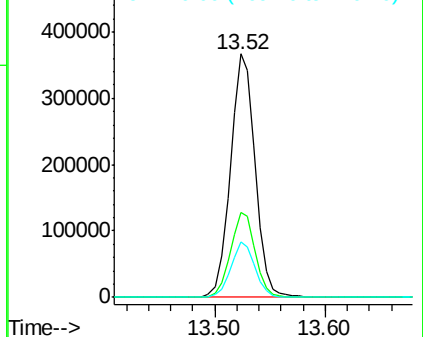
#44
2-Fluorobiphenyl
Concen: 81.373 ng
RT: 13.52 min Scan# 1691
Delta R.T. -0.04 min
Lab File: BG028845.D
Acq: 21 Sep 2017 6:29

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 573120
Ion Ratio Lower Upper
172 100
171 34.9 32.2 48.2
170 22.9 21.8 32.6

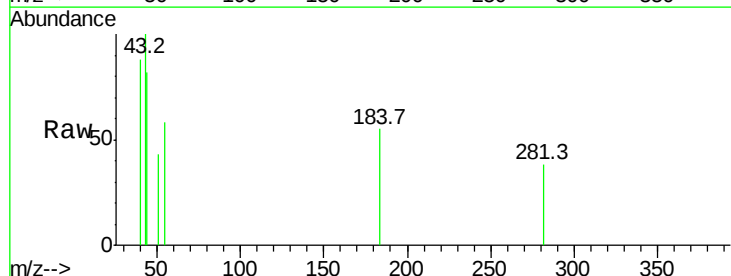


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

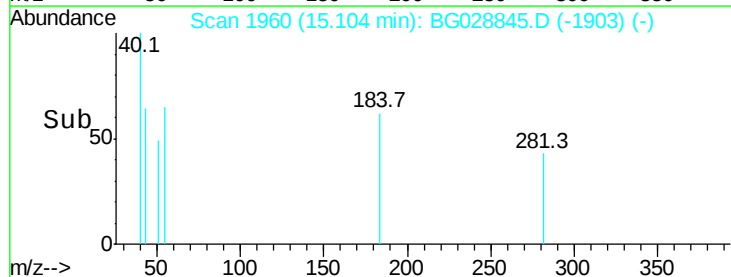
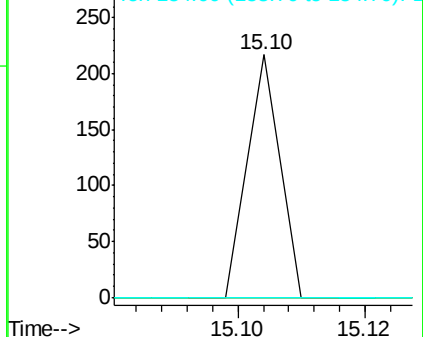


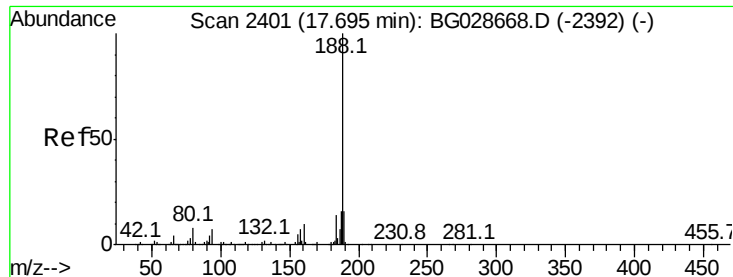
#53
2,4-Dinitrophenol
Concen: 8.076 ng
RT: 15.10 min Scan# 1960
Delta R.T. 0.03 min
Lab File: BG028845.D
Acq: 21 Sep 2017 6:29

Tgt Ion:184 Resp: 76
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 0.0 57.3 85.9#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.66 min Scan# 2395

Delta R.T. -0.04 min

Lab File: BG028845.D

Acq: 21 Sep 2017 6:29

Instrument :

BNA_G

ClientSampleId :

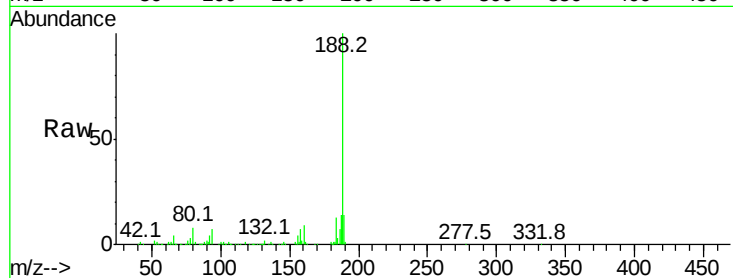
Tot Ion:188 Resp: 261451

Ion Ratio Lower Upper

188 100

94 6.8 5.8 8.8

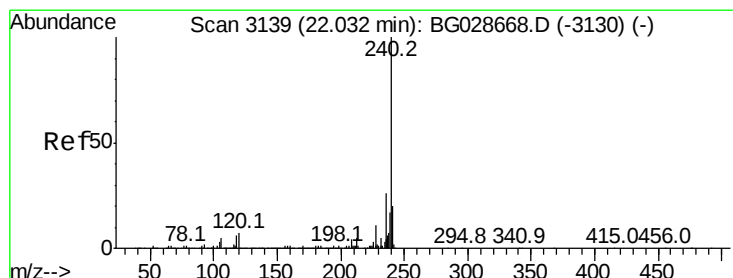
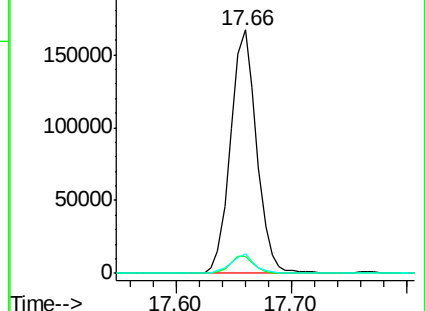
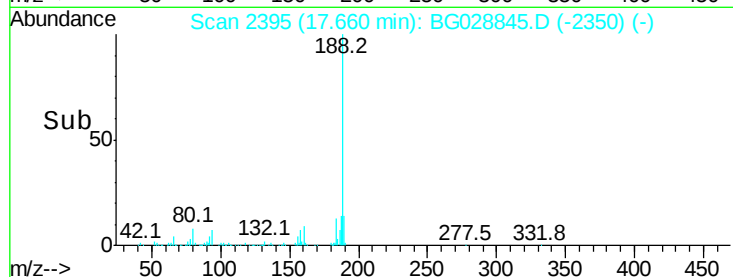
80 8.3 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.98 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028845.D

Acq: 21 Sep 2017 6:29

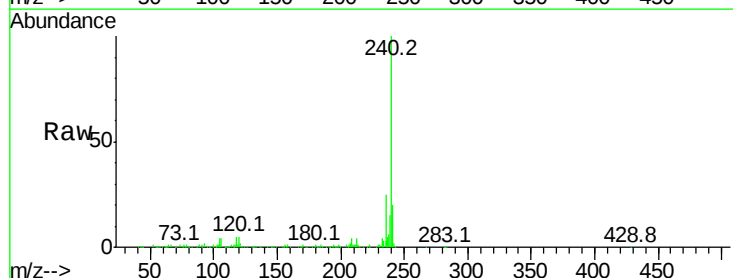
Tgt Ion:240 Resp: 295535

Ion Ratio Lower Upper

240 100

120 7.1 5.7 8.5

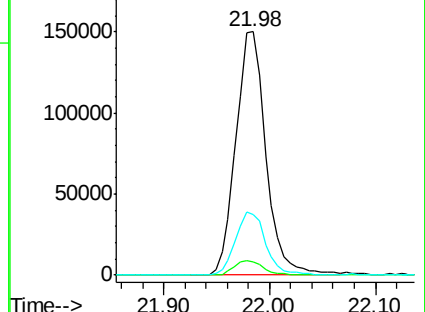
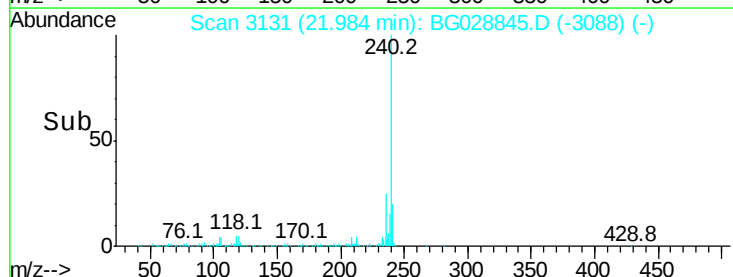
236 24.6 22.2 33.4

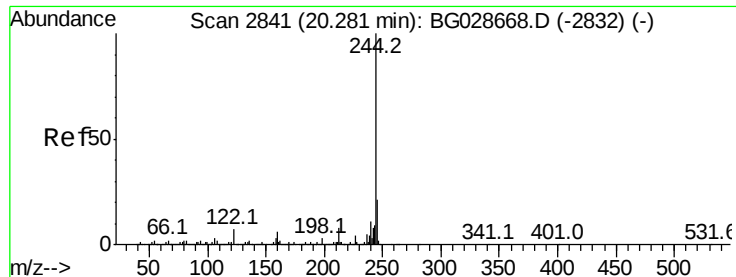


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.370 ng

RT: 20.25 min Scan# 2835

Delta R.T. -0.04 min

Lab File: BG028845.D

Acq: 21 Sep 2017 6:29

Instrument :

BNA_G

ClientSampled :

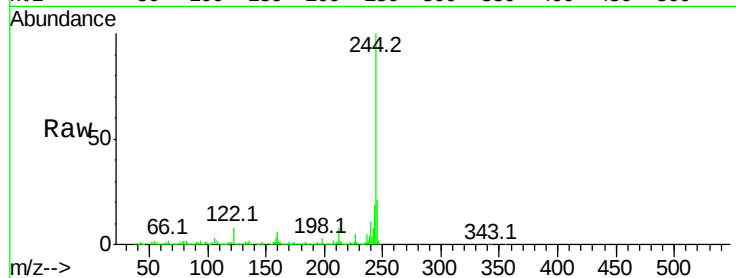
Tot Ion:244 Resp: 1169217

Ion Ratio Lower Upper

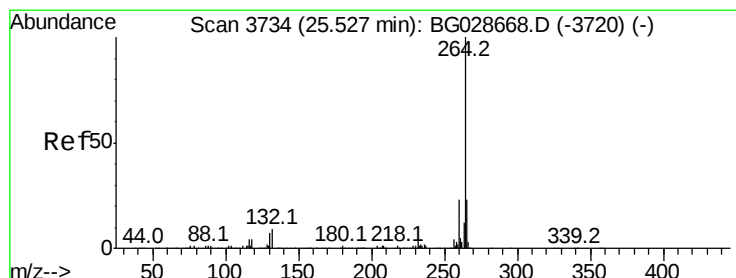
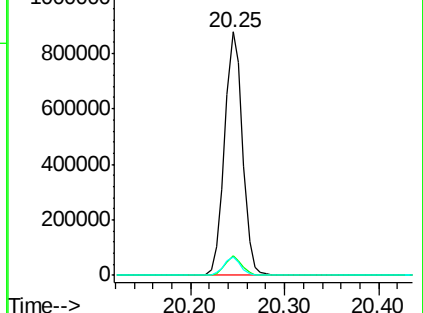
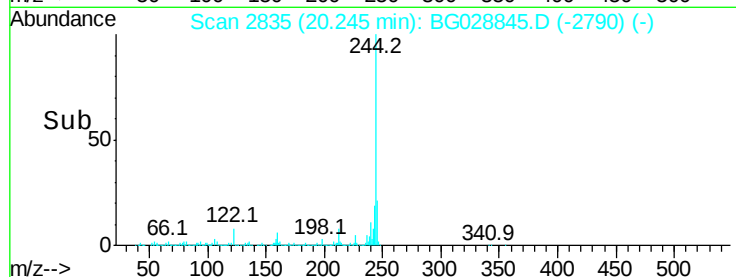
244 100

212 8.2 10.0 15.0#

122 7.7 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: 20.000 ng

RT: 25.45 min Scan# 3721

Delta R.T. -0.08 min

Lab File: BG028845.D

Acq: 21 Sep 2017 6:29

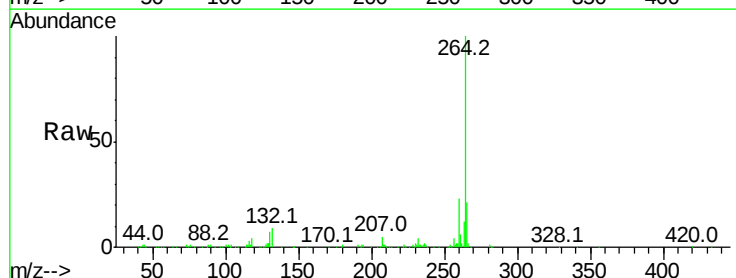
Tgt Ion:264 Resp: 297720

Ion Ratio Lower Upper

264 100

260 23.3 21.8 32.8

265 21.4 18.2 27.4



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

