

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062717\
 Data File : BG027698.D
 Acq On : 27 Jun 2017 11:56
 Operator : SJ/JU
 Sample : I3899-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 28 01:09:31 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

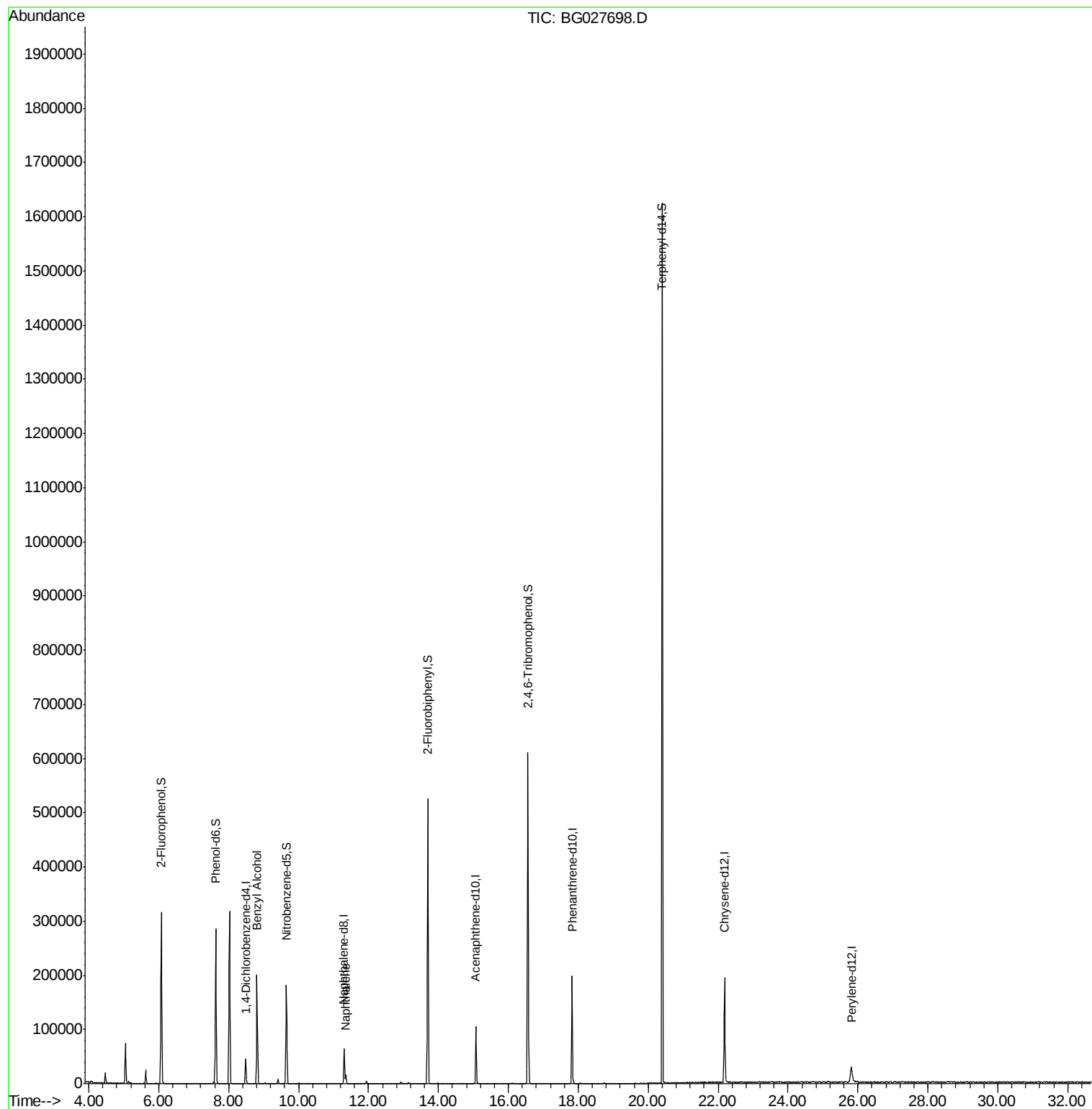
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	12780	20.00	ng	-0.01
21) Naphthalene-d8	11.30	136	54811	20.00	ng	-0.03
38) Acenaphthene-d10	15.07	164	33975	20.00	ng	-0.02
63) Phenanthrene-d10	17.82	188	126643	20.00	ng	-0.03
75) Chrysene-d12	22.18	240	136300	20.00	ng	-0.03
86) Perylene-d12	25.80	264	27762	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.07	112	123634	137.68	ng	-0.01
7) Phenol-d6	7.63	99	150469	113.19	ng	-0.01
23) Nitrobenzene-d5	9.65	82	111415	96.19	ng	-0.02
41) 2,4,6-Tribromophenol	16.56	330	110134	217.44	ng	-0.02
44) 2-Fluorobiphenyl	13.69	172	259369	104.28	ng	-0.03
78) Terphenyl-d14	20.40	244	703920	121.68	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.82	79	2128	2.00	ng	# 34
31) Naphthalene	11.36	128	14470	4.88	ng	# 92

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

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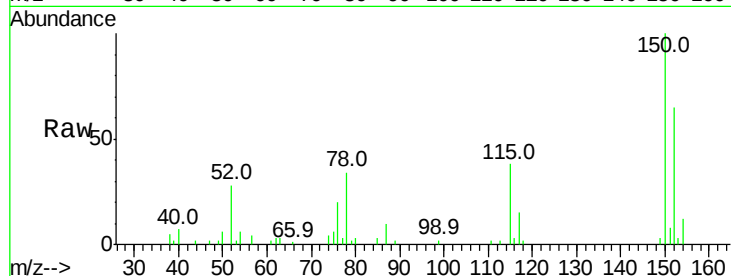


#1

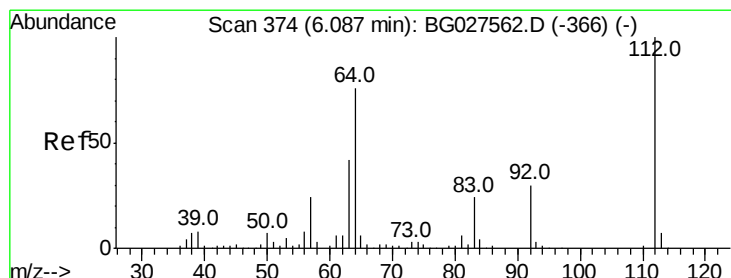
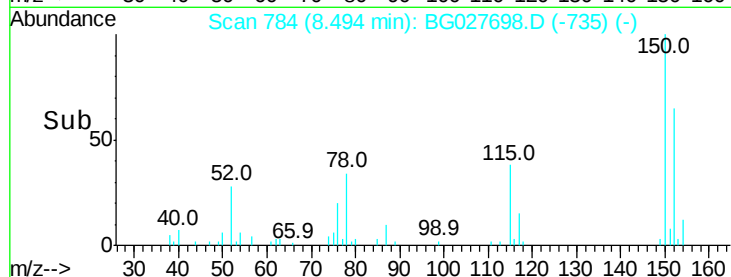
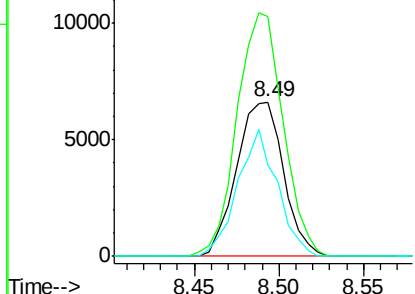
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.49 min Scan# 784
Delta R.T. -0.01 min
Lab File: BG027698.D
Acq: 27 Jun 2017 11:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 12780
Ion Ratio Lower Upper
152 100
150 154.9 114.0 171.0
115 59.4 48.1 72.1



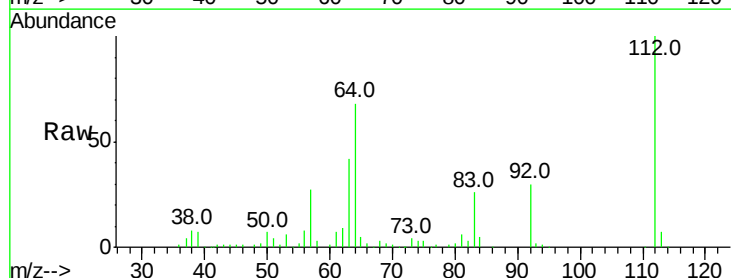
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



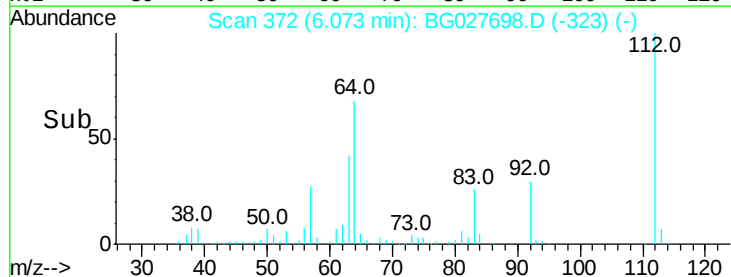
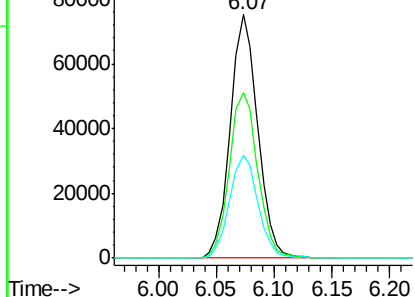
#5

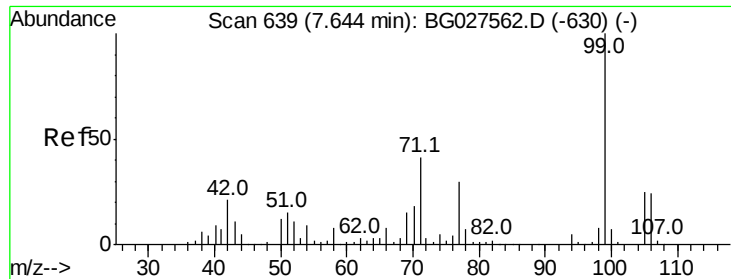
2-Fluorophenol
Concen: 137.68 ng
RT: 6.07 min Scan# 372
Delta R.T. -0.01 min
Lab File: BG027698.D
Acq: 27 Jun 2017 11:56

Tgt Ion:112 Resp: 123634
Ion Ratio Lower Upper
112 100
64 67.9 61.8 92.6
63 42.3 37.2 55.8



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: 113.19 ng

RT: 7.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BG027698.D

Acq: 27 Jun 2017 11:56

Instrument :

BNA_G

ClientSampleId :

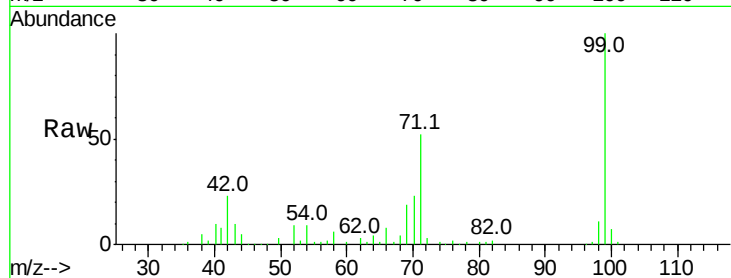
Tot Ion: 99 Resp: 150469

Ion Ratio Lower Upper

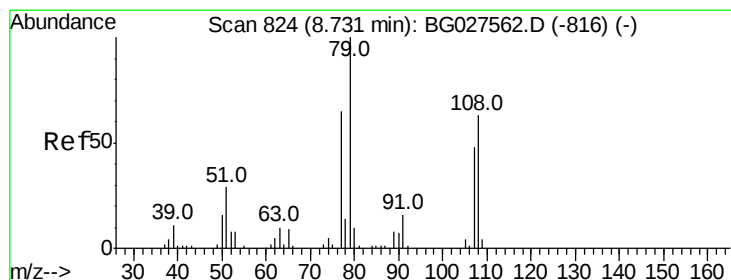
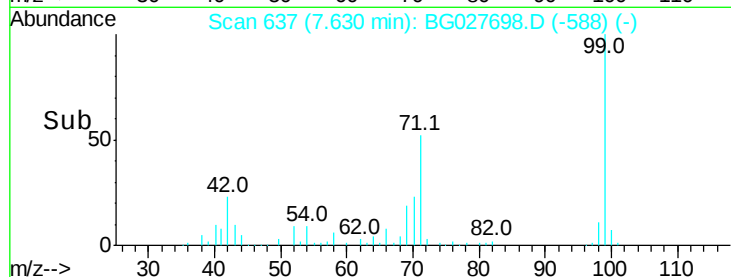
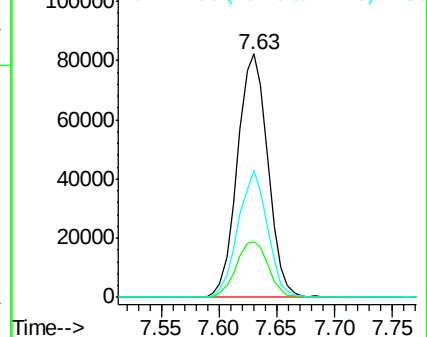
99 100

42 22.8 20.5 30.7

71 52.2 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



#15

Benzyl Alcohol

Concen: 2.00 ng

RT: 8.82 min Scan# 839

Delta R.T. 0.09 min

Lab File: BG027698.D

Acq: 27 Jun 2017 11:56

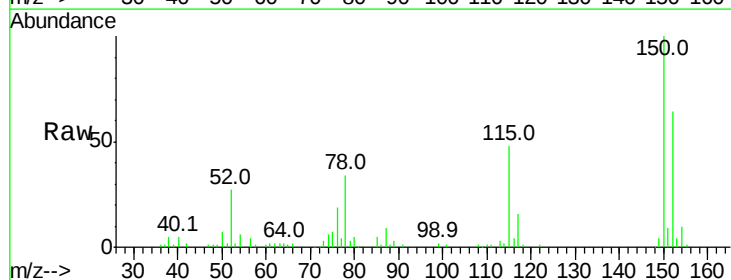
Tgt Ion: 79 Resp: 2128

Ion Ratio Lower Upper

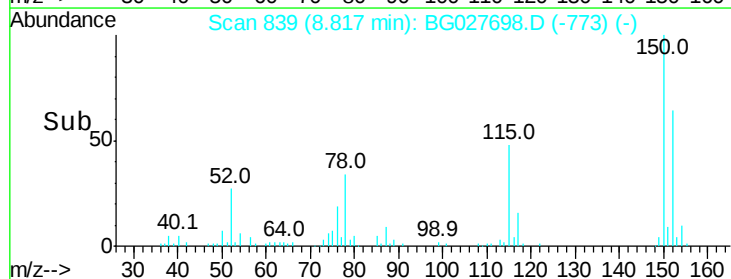
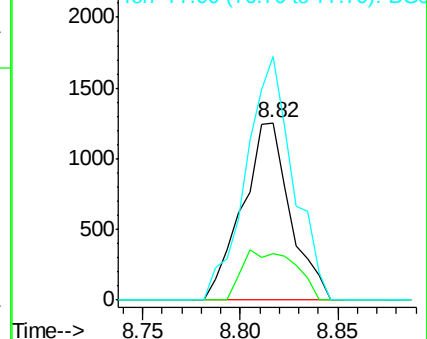
79 100

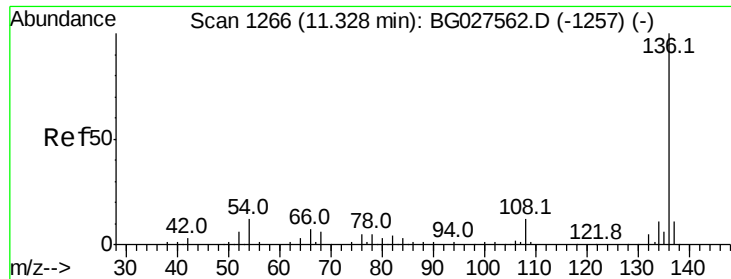
108 26.3 45.5 68.3#

77 137.1 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

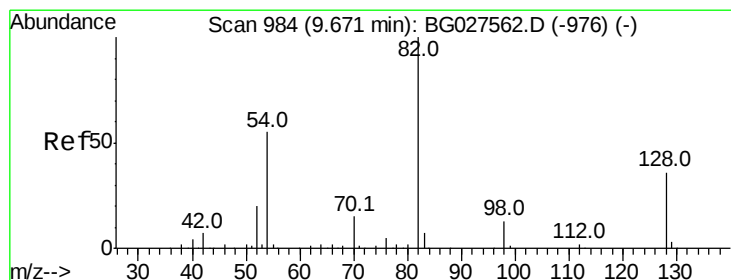
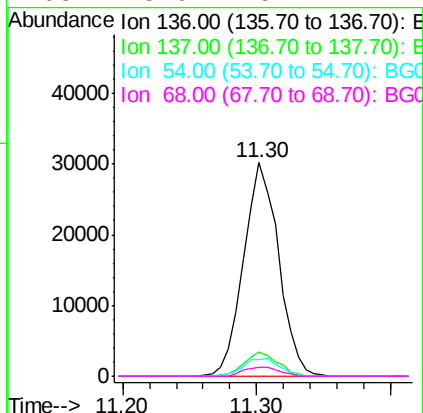
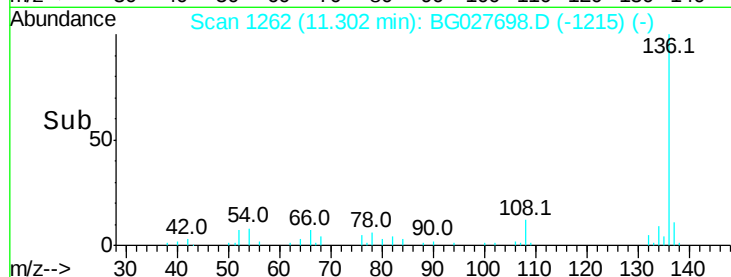
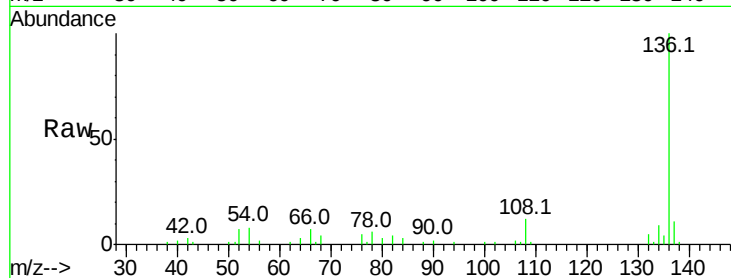




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.30 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BG027698.D
Acq: 27 Jun 2017 11:56

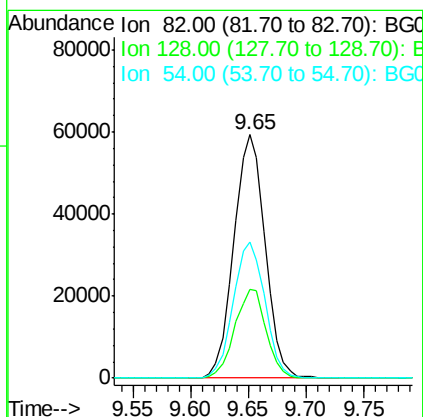
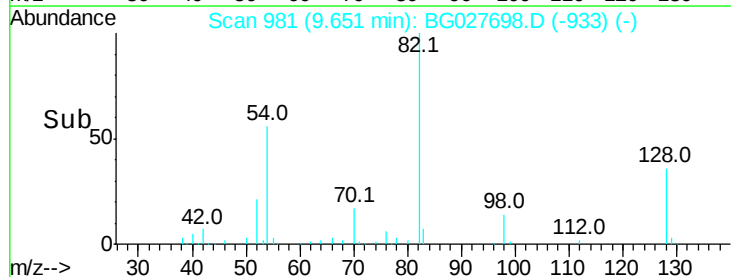
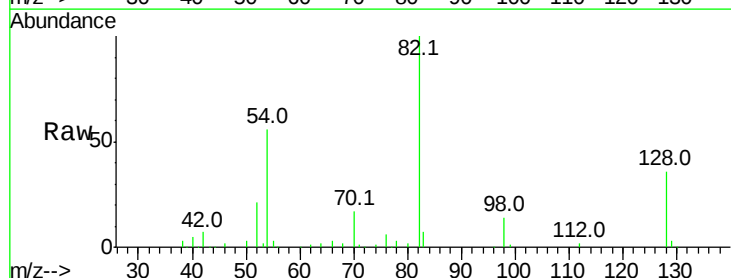
Instrument :
BNA_G
ClientSampleId :

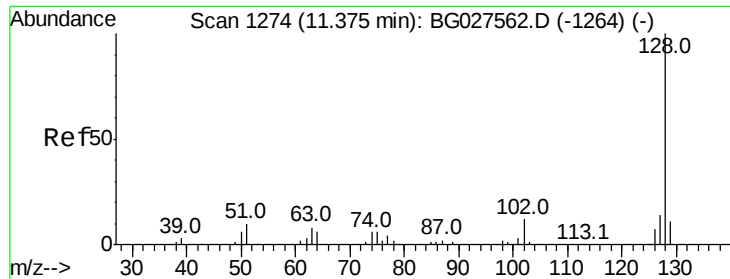
Tot Ion:136	Resp:	54811
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.9 13.3
54	8.0	9.3 13.9#
68	3.9	5.1 7.7#



#23
Nitrobenzene-d5
Concen: 96.19 ng
RT: 9.65 min Scan# 981
Delta R.T. -0.02 min
Lab File: BG027698.D
Acq: 27 Jun 2017 11:56

Tgt Ion: 82	Resp:	111415
Ion	Ratio	Lower Upper
82	100	
128	36.3	26.4 39.6
54	55.9	49.4 74.2

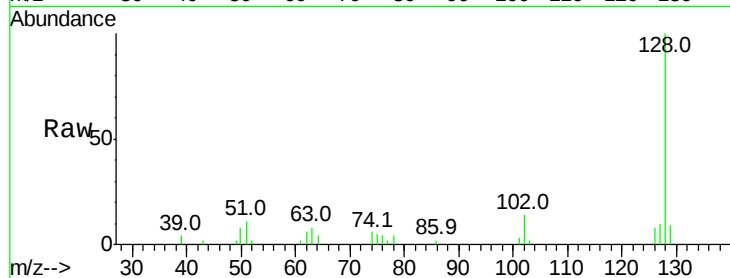




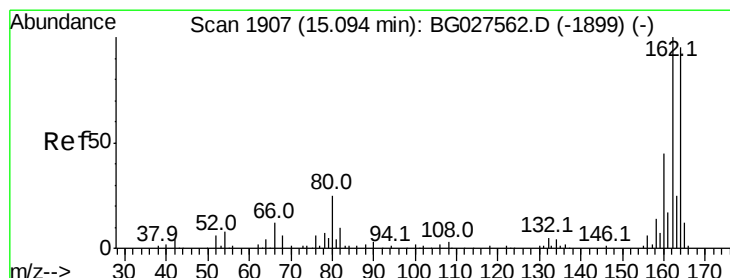
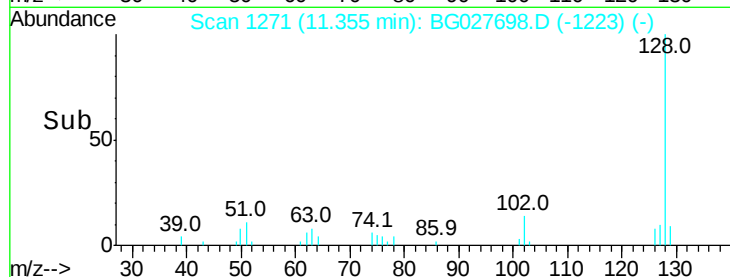
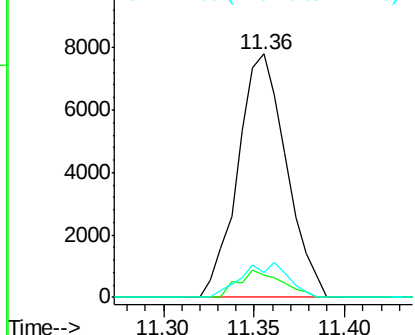
#31
Naphthalene
Concen: 4.88 ng
RT: 11.36 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BG027698.D
Acq: 27 Jun 2017 11:56

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 14470
Ion Ratio Lower Upper
128 100
129 9.0 9.3 13.9#
127 10.4 11.4 17.0#

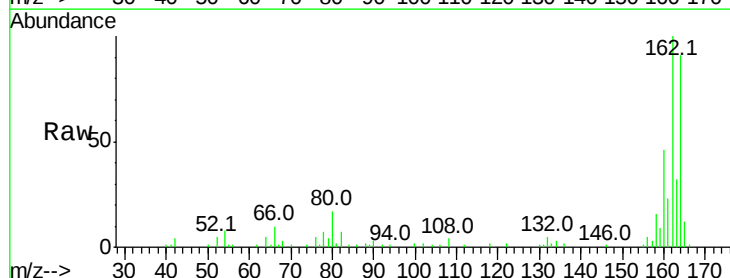


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

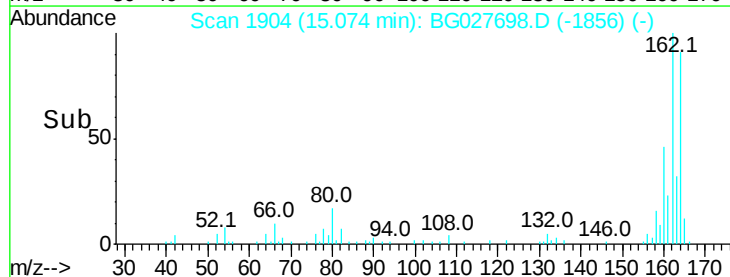
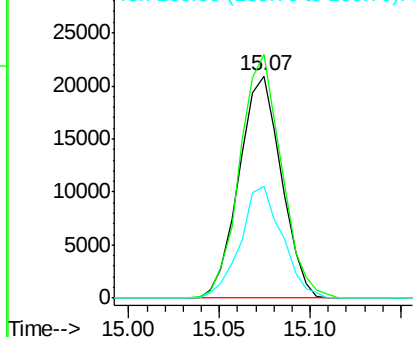


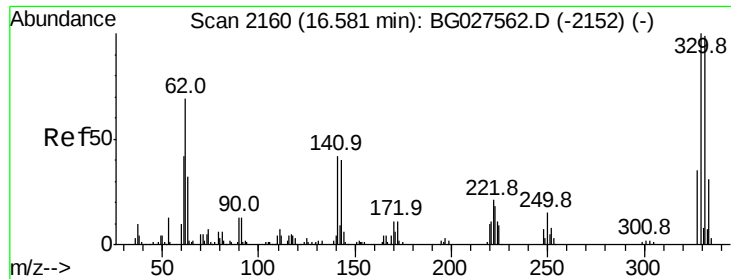
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.07 min Scan# 1904
Delta R.T. -0.02 min
Lab File: BG027698.D
Acq: 27 Jun 2017 11:56

Tgt Ion:164 Resp: 33975
Ion Ratio Lower Upper
164 100
162 109.7 85.1 127.7
160 50.5 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

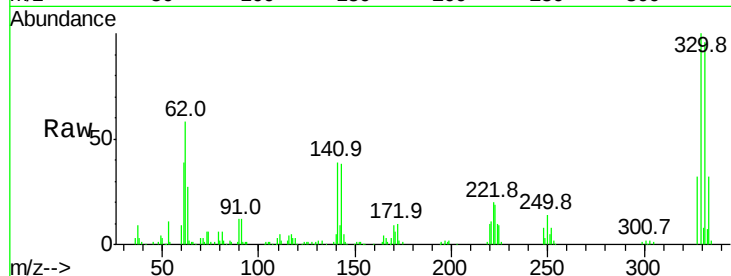




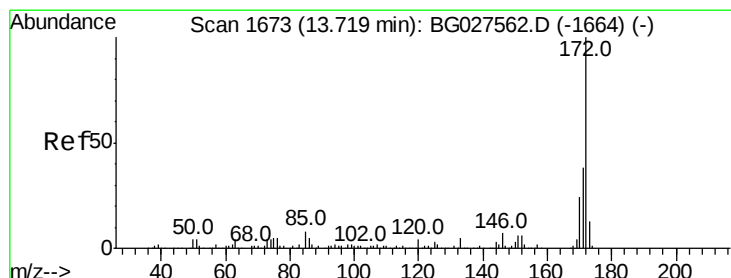
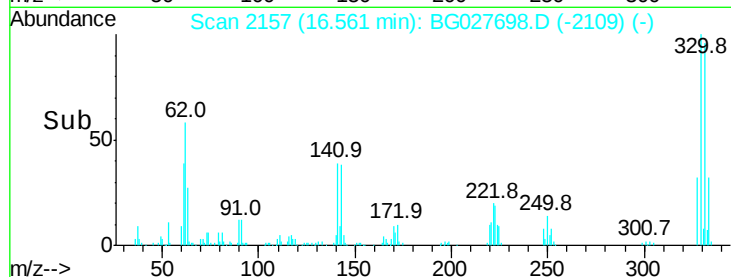
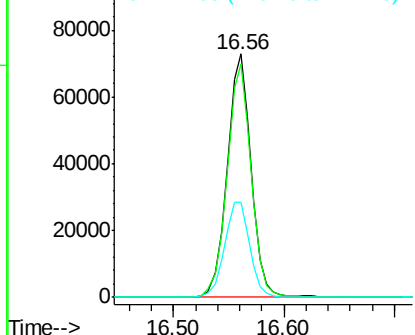
#41
 2,4,6-Tribromophenol
 Concen: 217.44 ng
 RT: 16.56 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BG027698.D
 Acq: 27 Jun 2017 11:56

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	41.4	32.1	48.1

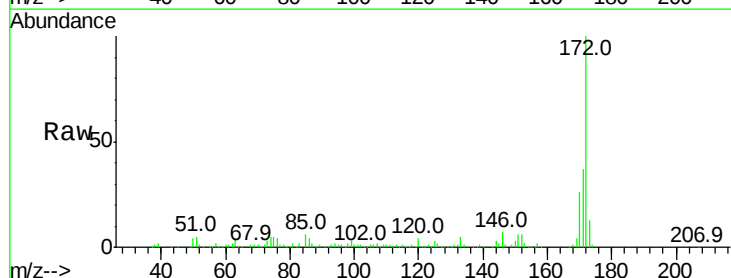


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

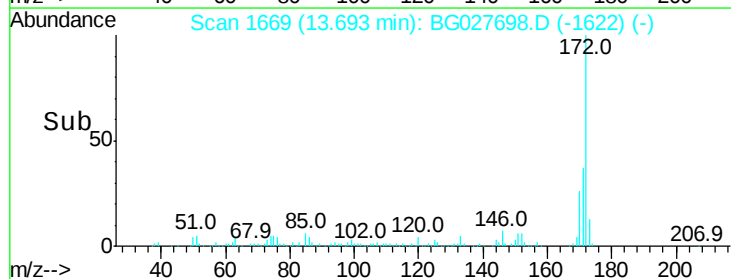
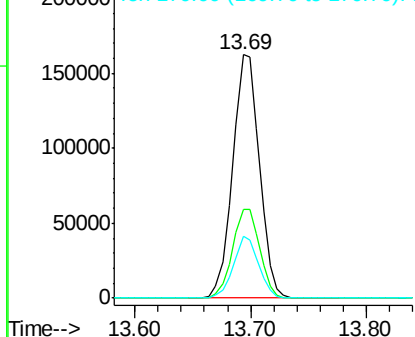


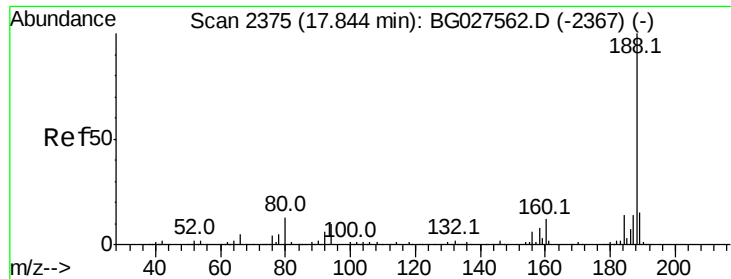
#44
 2-Fluorobiphenyl
 Concen: 104.28 ng
 RT: 13.69 min Scan# 1669
 Delta R.T. -0.03 min
 Lab File: BG027698.D
 Acq: 27 Jun 2017 11:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	32.2	48.2
170	25.5	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

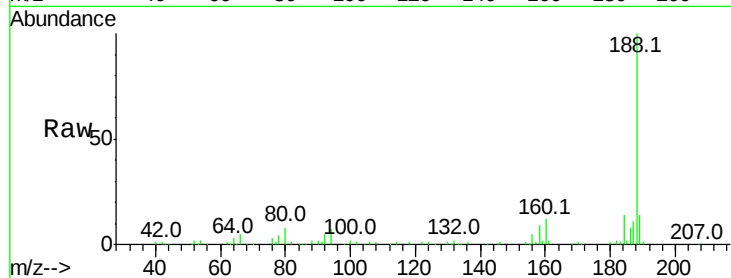




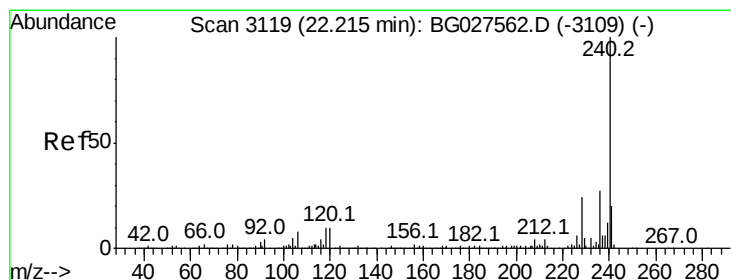
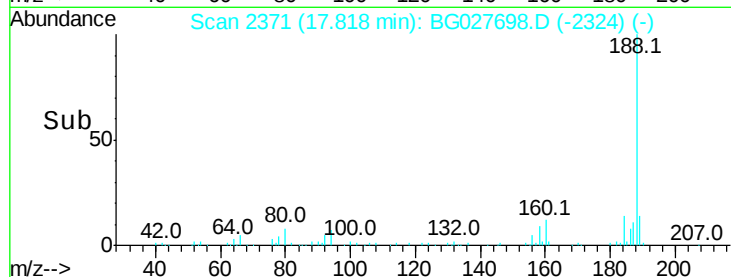
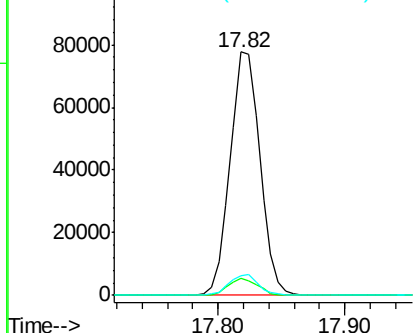
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.82 min Scan# 2371
 Delta R.T. -0.03 min
 Lab File: BG027698.D
 Acq: 27 Jun 2017 11:56

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:188 Resp: 126643
 Ion Ratio Lower Upper
 188 100
 94 7.0 5.8 8.8
 80 8.1 7.5 11.3

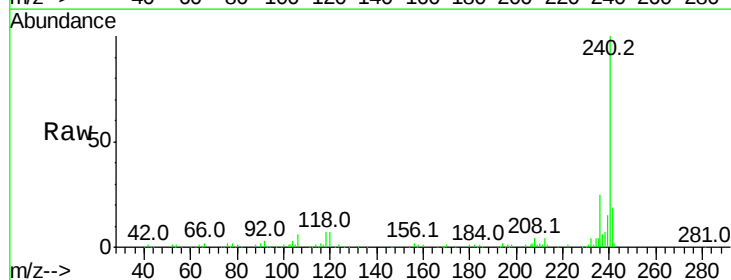


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

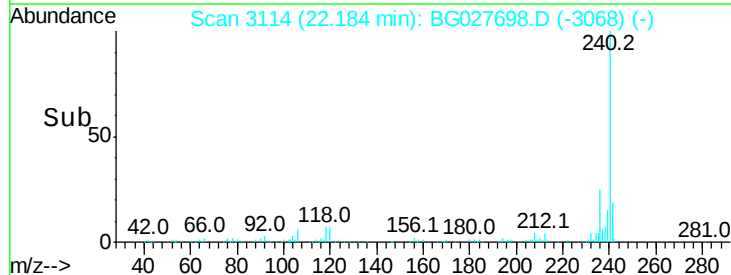
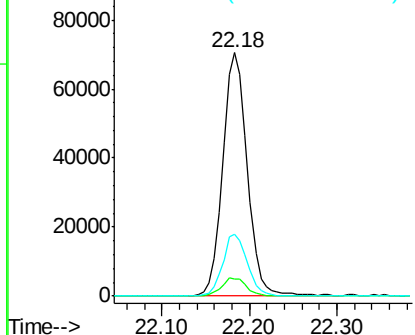


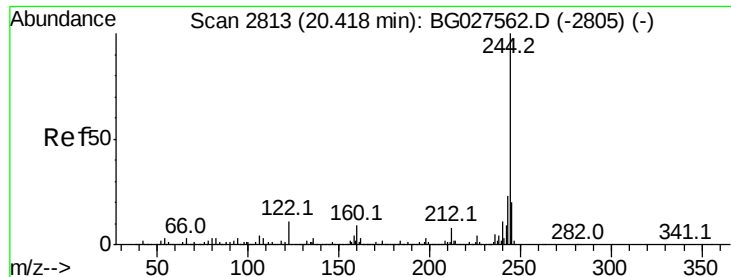
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 22.18 min Scan# 3114
 Delta R.T. -0.03 min
 Lab File: BG027698.D
 Acq: 27 Jun 2017 11:56

Tgt Ion:240 Resp: 136300
 Ion Ratio Lower Upper
 240 100
 120 6.9 5.7 8.5
 236 25.4 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: 121.68 ng

RT: 20.40 min Scan# 2810

Delta R.T. -0.02 min

Lab File: BG027698.D

Acq: 27 Jun 2017 11:56

Instrument :

BNA_G

ClientSampleId :

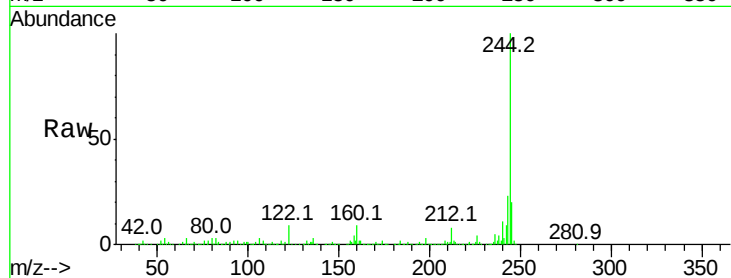
Tot Ion:244 Resp: 703920

Ion Ratio Lower Upper

244 100

212 8.4 10.0 15.0#

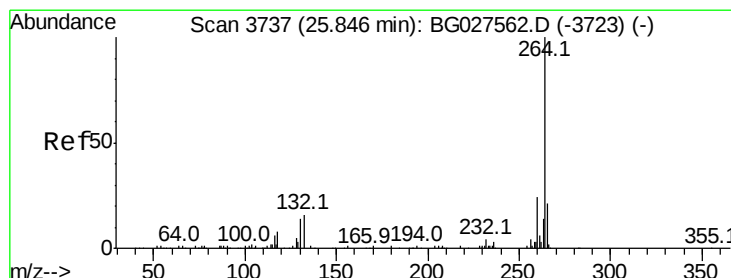
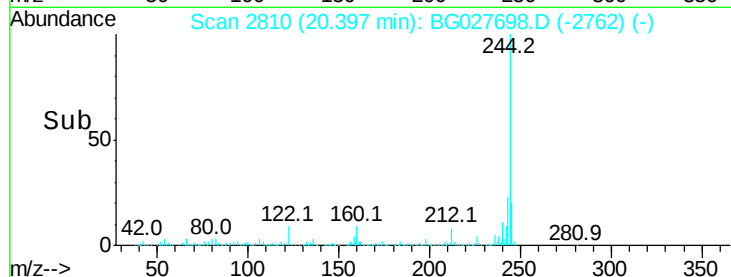
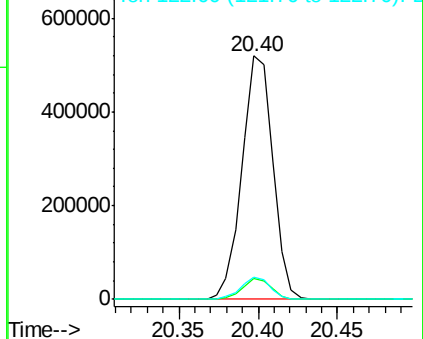
122 8.9 8.6 12.8



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: 20.00 ng

RT: 25.80 min Scan# 3730

Delta R.T. -0.04 min

Lab File: BG027698.D

Acq: 27 Jun 2017 11:56

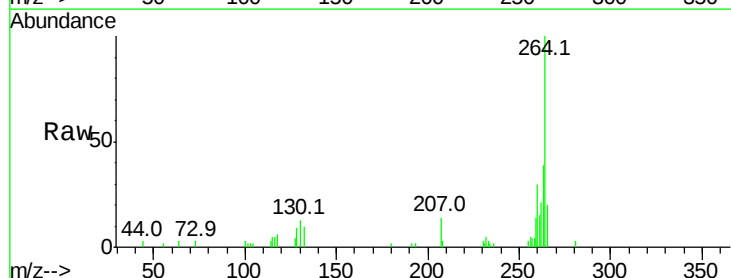
Tgt Ion:264 Resp: 27762

Ion Ratio Lower Upper

264 100

260 30.4 21.8 32.8

265 20.0 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

