

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061517\
 Data File : BG027465.D
 Acq On : 16 Jun 2017 6:16
 Operator : SJ/MA
 Sample : I3684-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 16 07:14:03 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG061417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 19:09:08 2017
 Response via : Initial Calibration

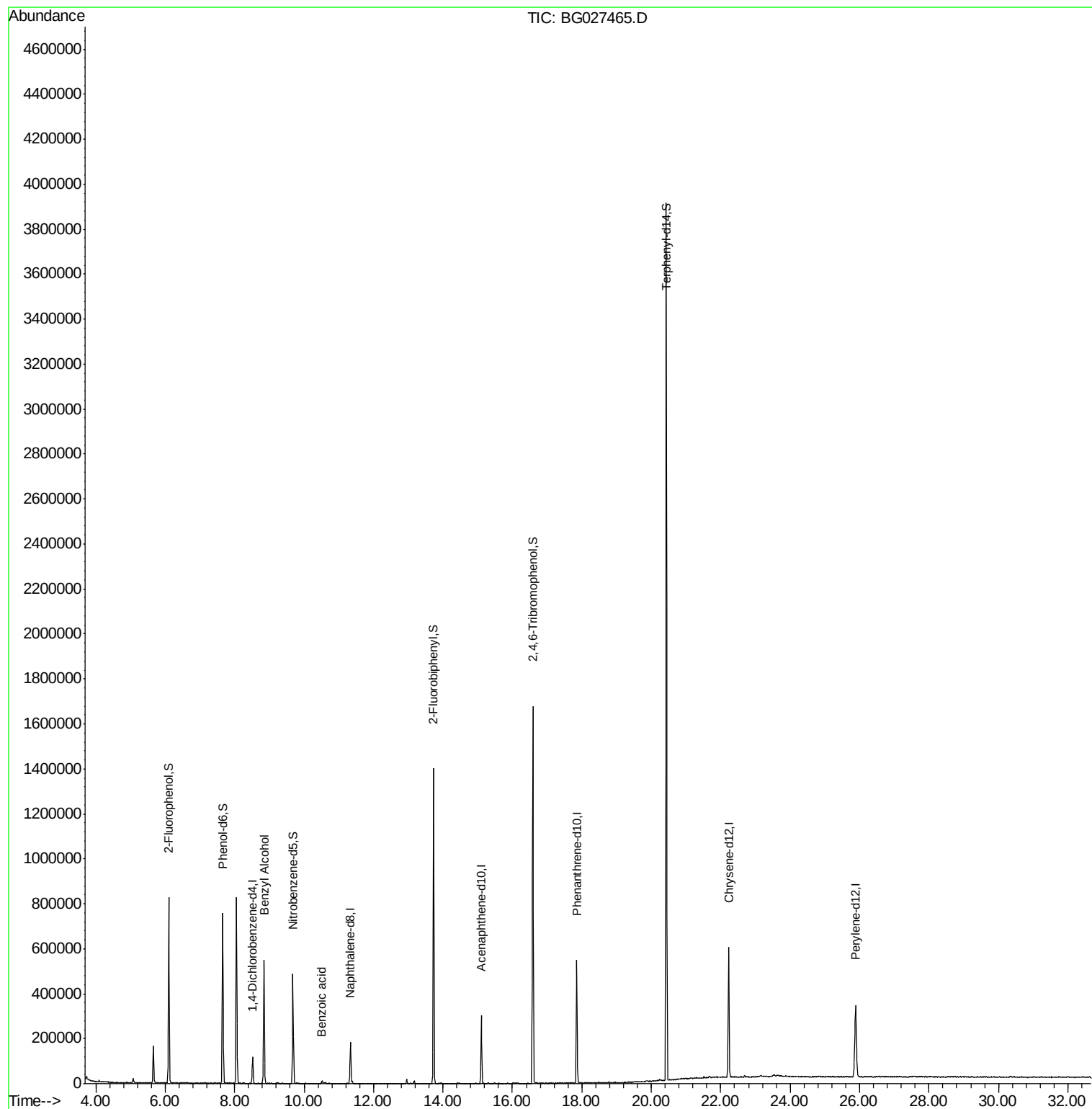
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	32875	20.00	ng	-0.01
21) Naphthalene-d8	11.34	136	154530	20.00	ng	0.00
38) Acenaphthene-d10	15.10	164	102838	20.00	ng	0.00
63) Phenanthrene-d10	17.85	188	327811	20.00	ng	0.00
75) Chrysene-d12	22.23	240	384841	20.00	ng	0.00
86) Perylene-d12	25.89	264	377245	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	354727	152.49	ng	0.00
7) Phenol-d6	7.66	99	473603	132.48	ng	0.00
23) Nitrobenzene-d5	9.68	82	320728	105.82	ng	-0.01
41) 2,4,6-Tribromophenol	16.59	330	322643	209.04	ng	0.00
44) 2-Fluorobiphenyl	13.73	172	715069	100.45	ng	0.00
78) Terphenyl-d14	20.43	244	1705920	113.61	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.85	79	5186	2.00	ng	Qvalue # 49
32) Benzoic acid	10.51	122	4632	10.83	ng	91

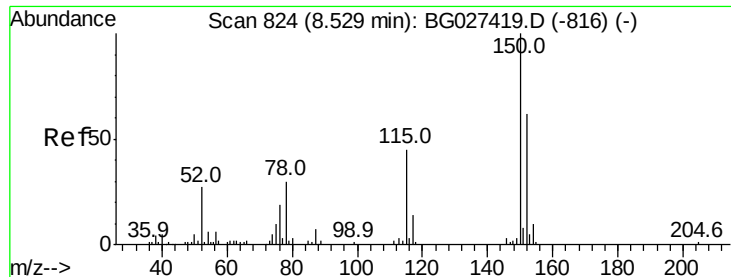
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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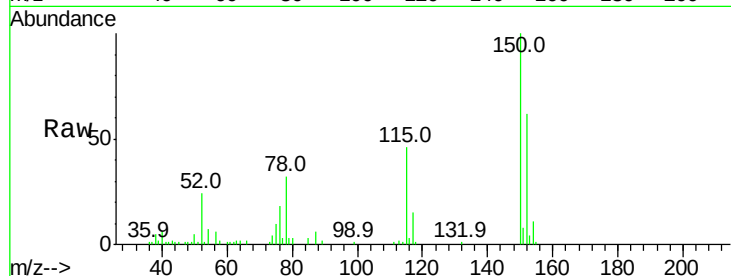


#1

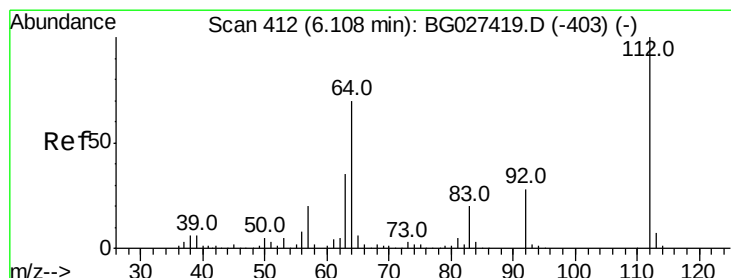
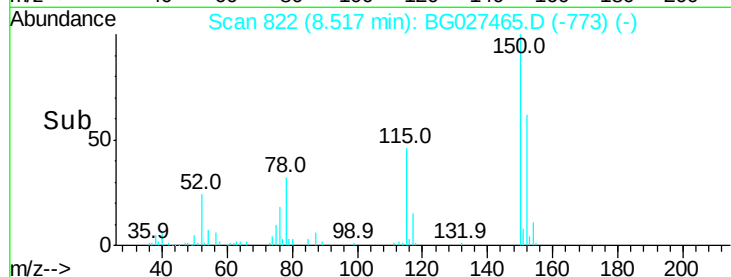
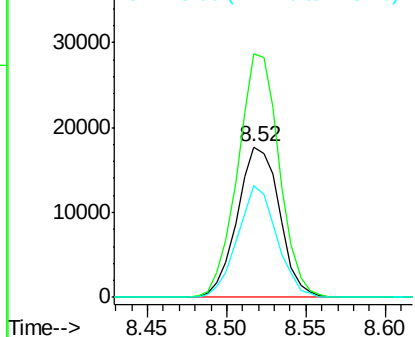
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.52 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG027465.D
Acq: 16 Jun 2017 6:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 32875
Ion Ratio Lower Upper
152 100
150 161.5 114.0 171.0
115 74.4 48.1 72.1#



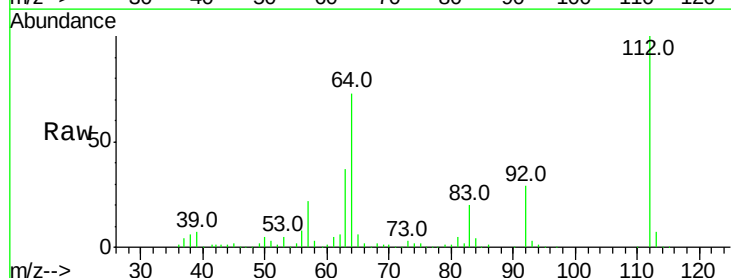
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



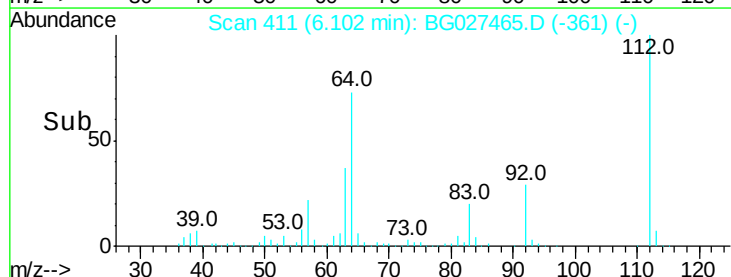
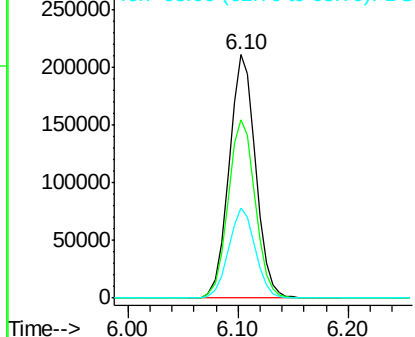
#5

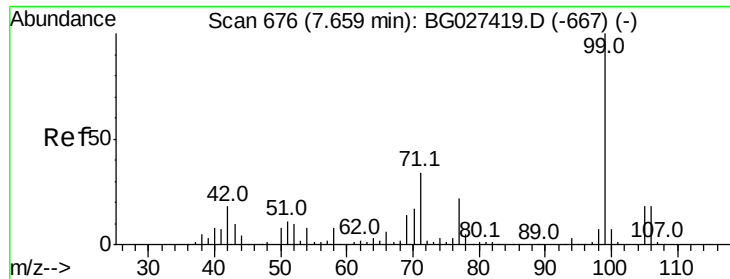
2-Fluorophenol
Concen: 152.49 ng
RT: 6.10 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG027465.D
Acq: 16 Jun 2017 6:16

Tgt Ion:112 Resp: 354727
Ion Ratio Lower Upper
112 100
64 73.4 61.8 92.6
63 37.1 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: 132.48 ng

RT: 7.66 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG027465.D

Acq: 16 Jun 2017 6:16

Instrument :

BNA_G

ClientSampleId :

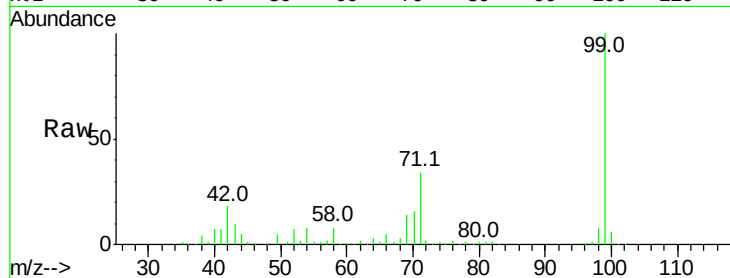
Tot Ion: 99 Resp: 473603

Ion Ratio Lower Upper

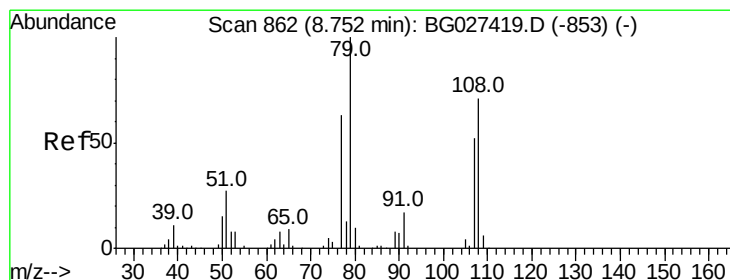
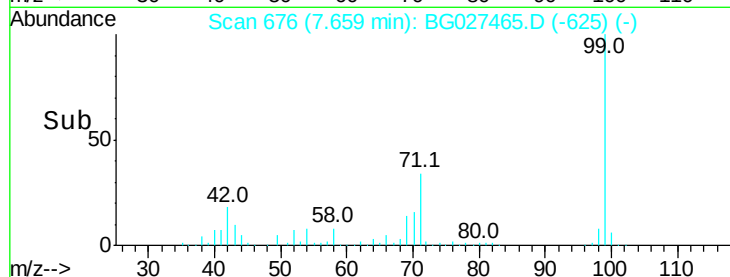
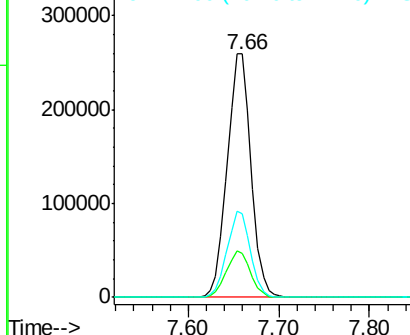
99 100

42 18.3 20.5 30.7#

71 34.1 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: 8.85 min Scan# 878

Delta R.T. 0.09 min

Lab File: BG027465.D

Acq: 16 Jun 2017 6:16

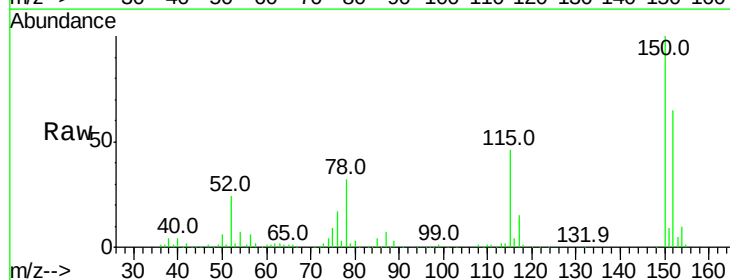
Tgt Ion: 79 Resp: 5186

Ion Ratio Lower Upper

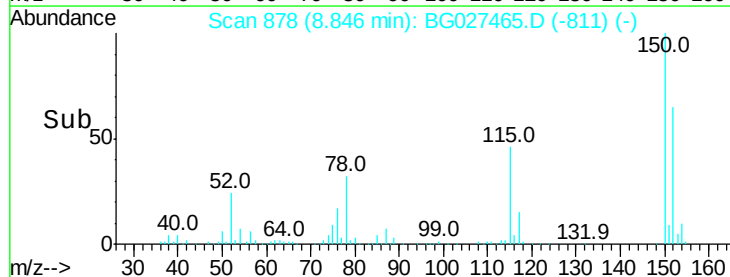
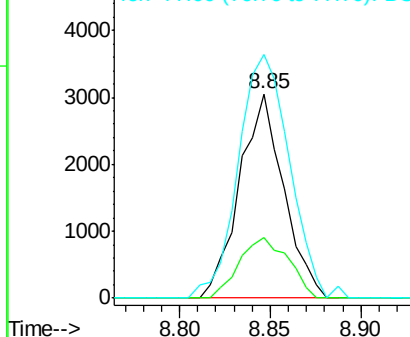
79 100

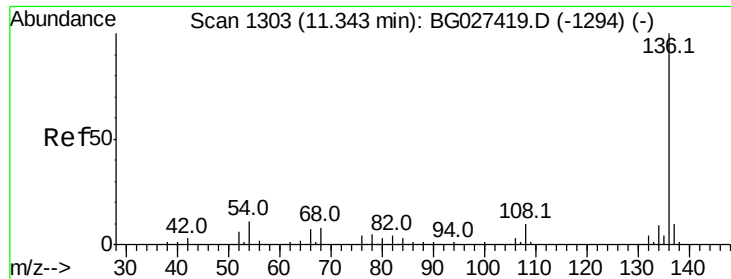
108 29.9 45.5 68.3#

77 119.2 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

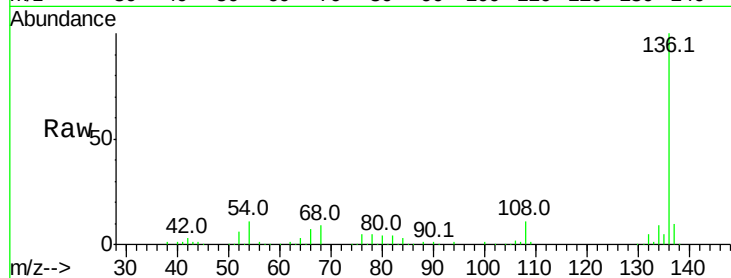




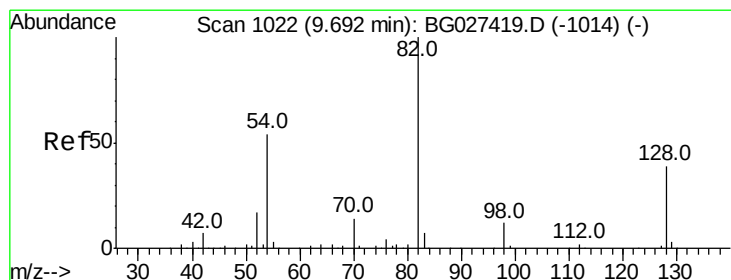
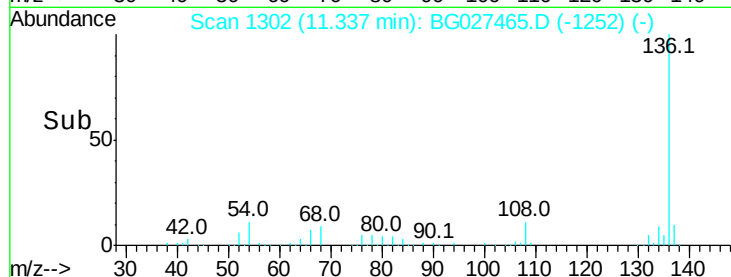
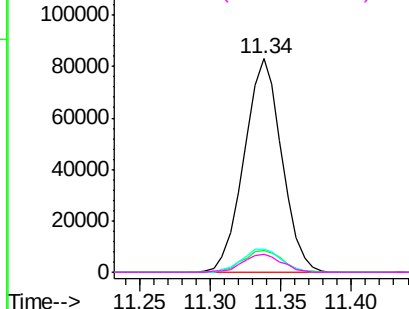
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.34 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG027465.D
Acq: 16 Jun 2017 6:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	154530
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	10.7	9.3	13.9
68	8.7	5.1	7.7#

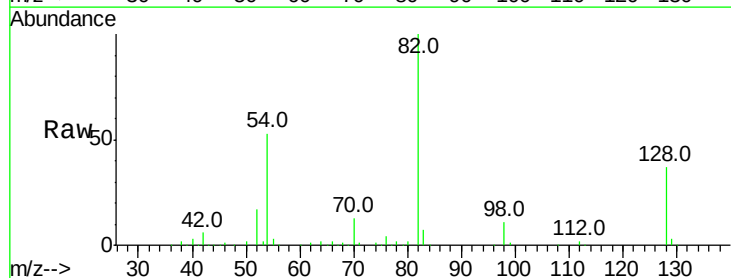


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

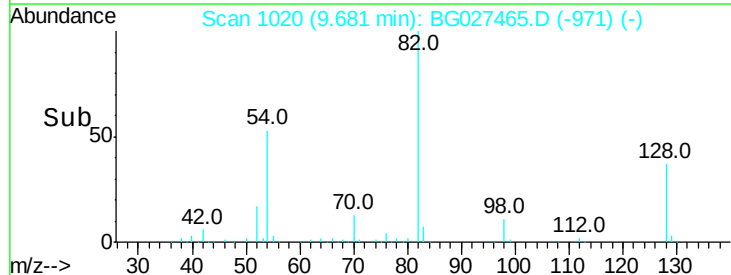
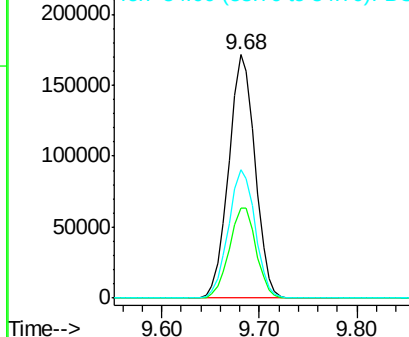


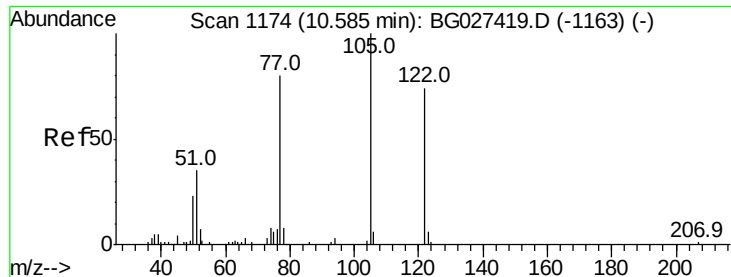
#23
Nitrobenzene-d5
Concen: 105.82 ng
RT: 9.68 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG027465.D
Acq: 16 Jun 2017 6:16

Tgt Ion:	82	Resp:	320728
Ion	Ratio	Lower	Upper
82	100		
128	36.8	26.4	39.6
54	52.8	49.4	74.2



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

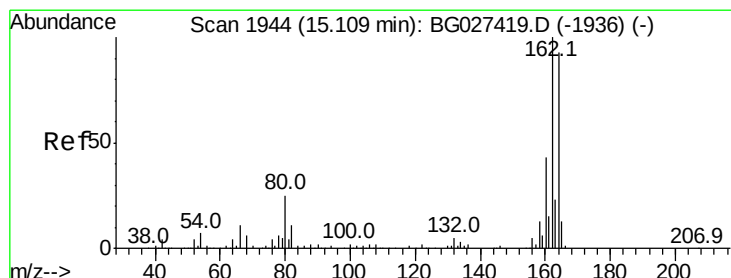
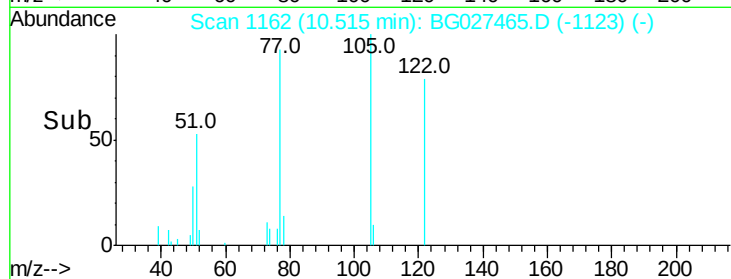
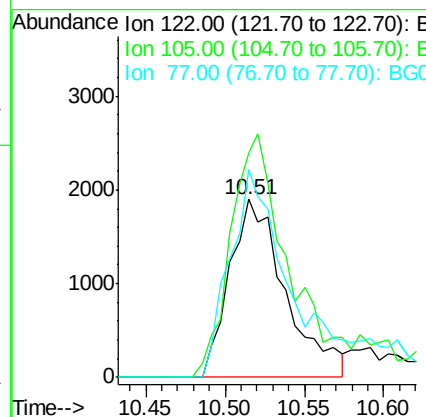
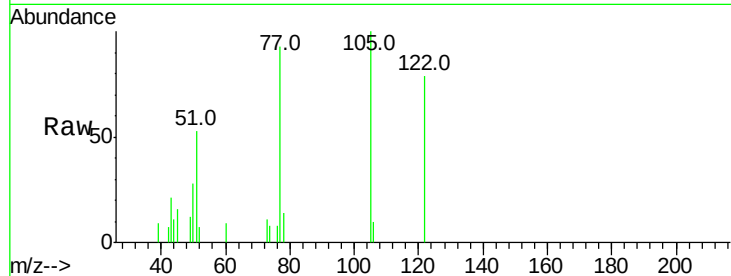




#32
Benzoic acid
Concen: 10.83 ng
RT: 10.51 min Scan# 1162
Delta R.T. -0.07 min
Lab File: BG027465.D
Acq: 16 Jun 2017 6:16

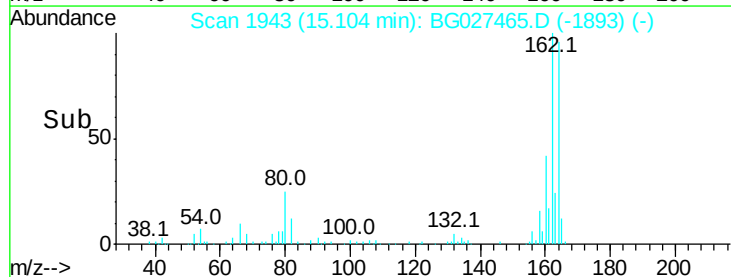
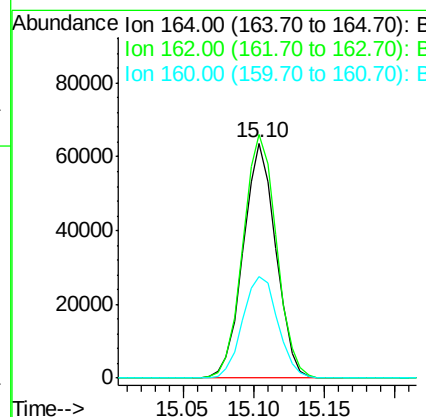
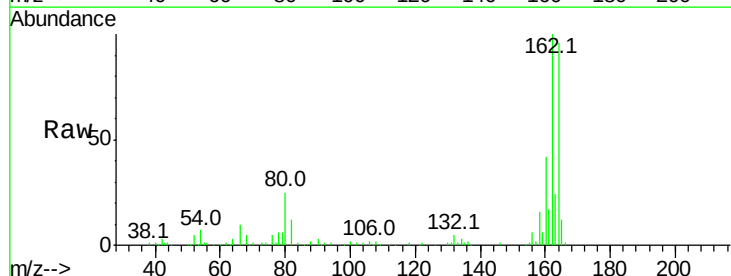
Instrument :
BNA_G
ClientSampleId :

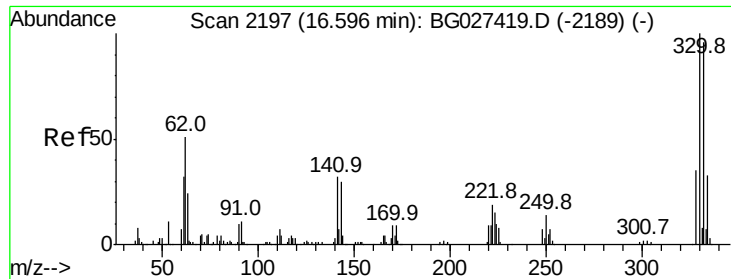
Tot Ion:122 Resp: 4632
Ion Ratio Lower Upper
122 100
105 125.9 120.1 160.1
77 117.0 104.6 144.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.10 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG027465.D
Acq: 16 Jun 2017 6:16

Tgt Ion:164 Resp: 102838
Ion Ratio Lower Upper
164 100
162 103.6 85.1 127.7
160 43.5 34.7 52.1

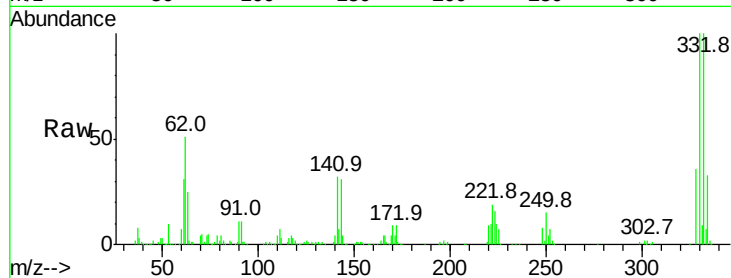




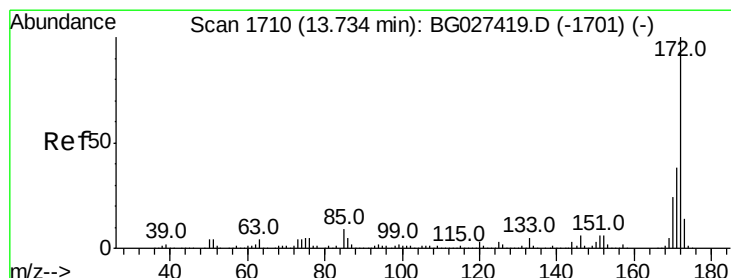
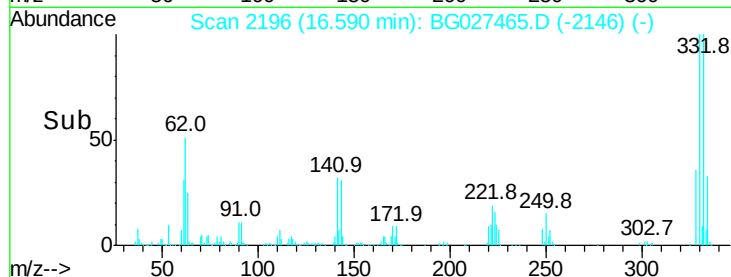
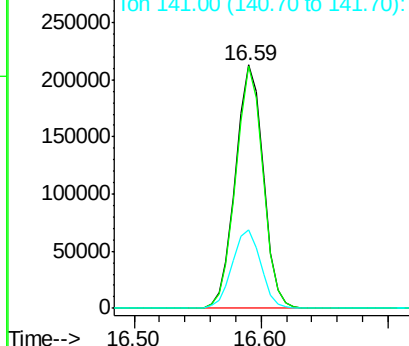
#41
 2,4,6-Tribromophenol
 Concen: 209.04 ng
 RT: 16.59 min Scan# 2196
 Delta R.T. -0.01 min
 Lab File: BG027465.D
 Acq: 16 Jun 2017 6:16

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.3	115.9
141	33.0	32.1	48.1

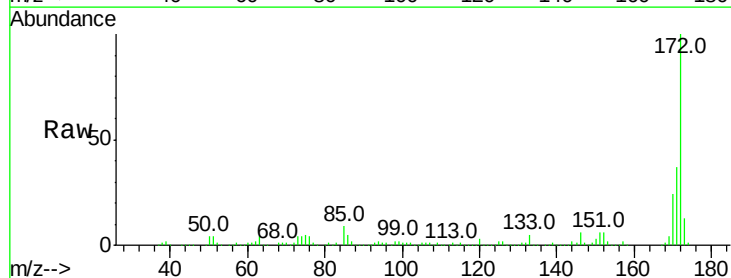


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

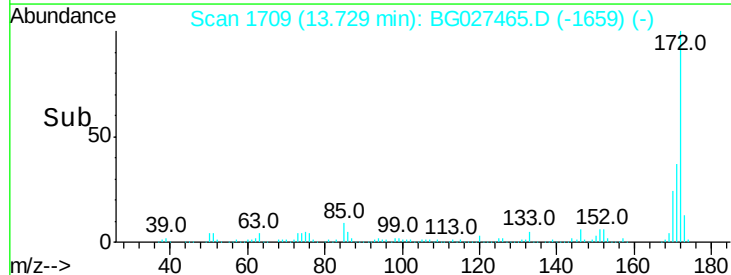
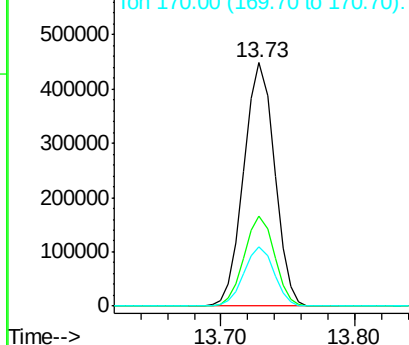


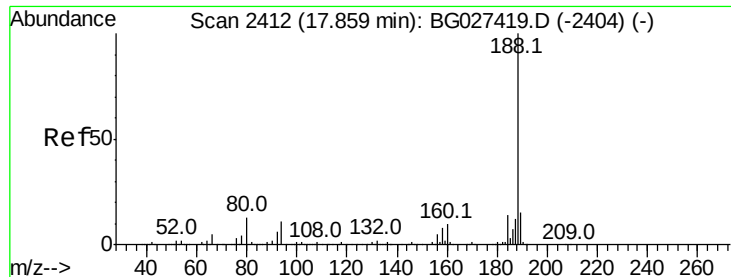
#44
 2-Fluorobiphenyl
 Concen: 100.45 ng
 RT: 13.73 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG027465.D
 Acq: 16 Jun 2017 6:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	32.2	48.2
170	24.2	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

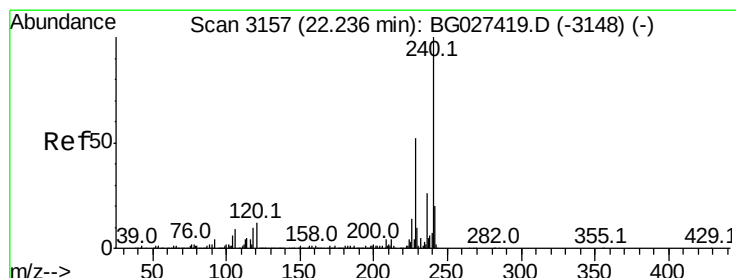
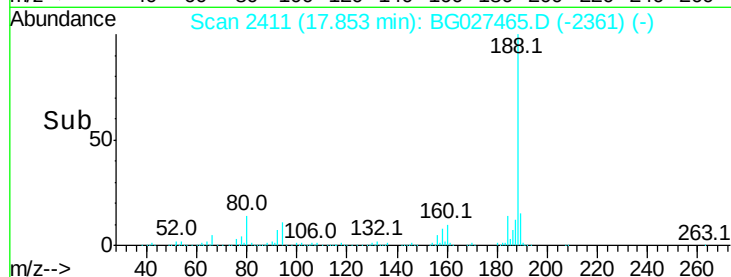
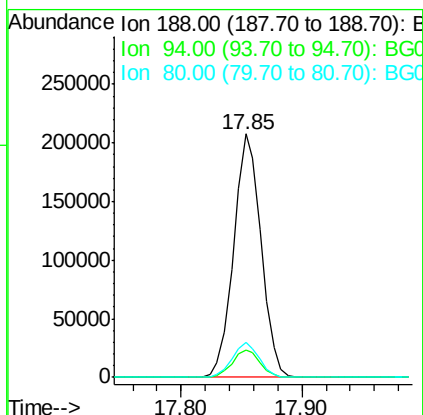
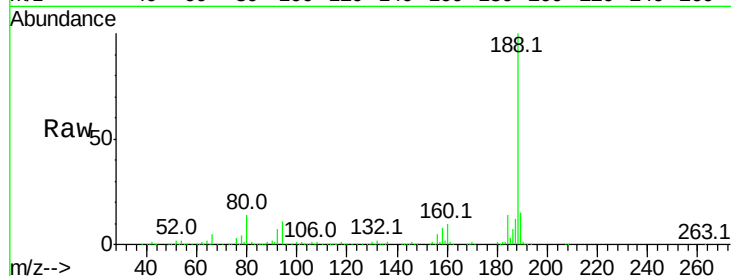




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.85 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG027465.D
Acq: 16 Jun 2017 6:16

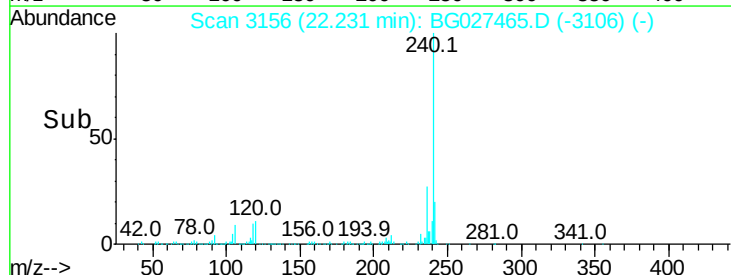
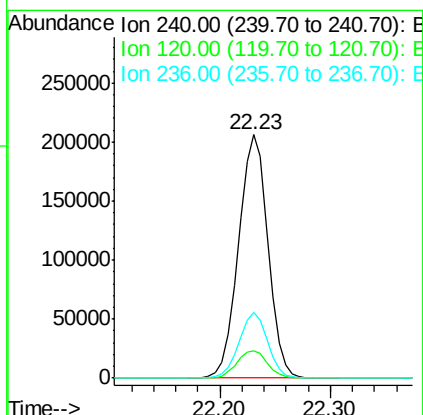
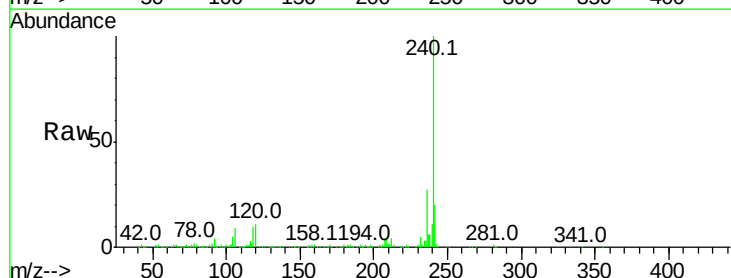
Instrument :
BNA_G
ClientSampled :

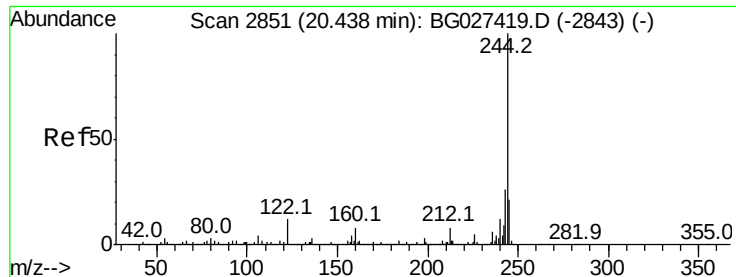
Tot Ion:188 Resp: 327811
Ion Ratio Lower Upper
188 100
94 11.2 5.8 8.8#
80 14.4 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.23 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG027465.D
Acq: 16 Jun 2017 6:16

Tgt Ion:240 Resp: 384841
Ion Ratio Lower Upper
240 100
120 11.2 5.7 8.5#
236 26.9 22.2 33.4





#78

Terphenyl-d14

Concen: 113.61 ng

RT: 20.43 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BG027465.D

Acq: 16 Jun 2017 6:16

Instrument :

BNA_G

ClientSampleId :

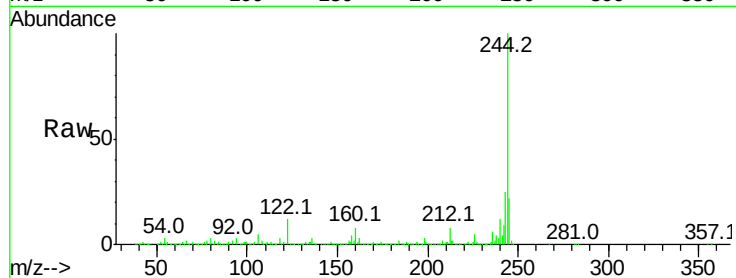
Tot Ion:244 Resp: 1705920

Ion Ratio Lower Upper

244 100

212 8.4 10.0 15.0#

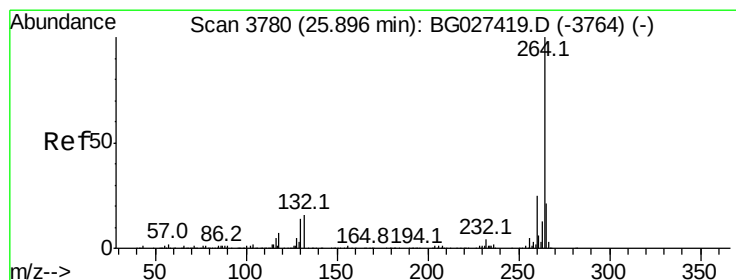
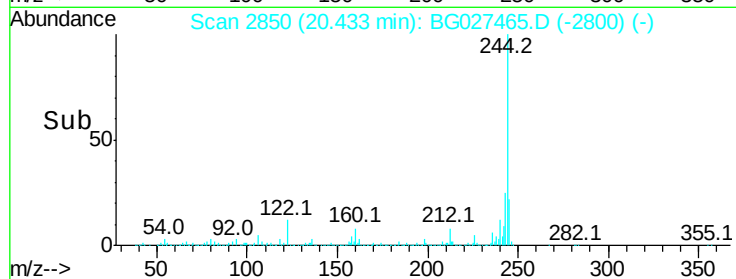
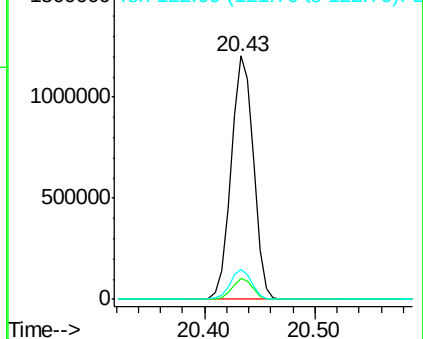
122 12.3 8.6 12.8



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: 25.89 min Scan# 3778

Delta R.T. -0.01 min

Lab File: BG027465.D

Acq: 16 Jun 2017 6:16

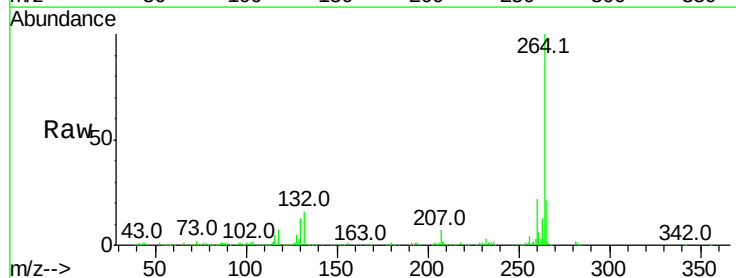
Tgt Ion:264 Resp: 377245

Ion Ratio Lower Upper

264 100

260 22.1 21.8 32.8

265 21.0 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

