

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060617\
 Data File : BG027279.D
 Acq On : 7 Jun 2017 12:07
 Operator : SJ/MA
 Sample : I3481-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-060517

Quant Time: Jun 07 13:00:44 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

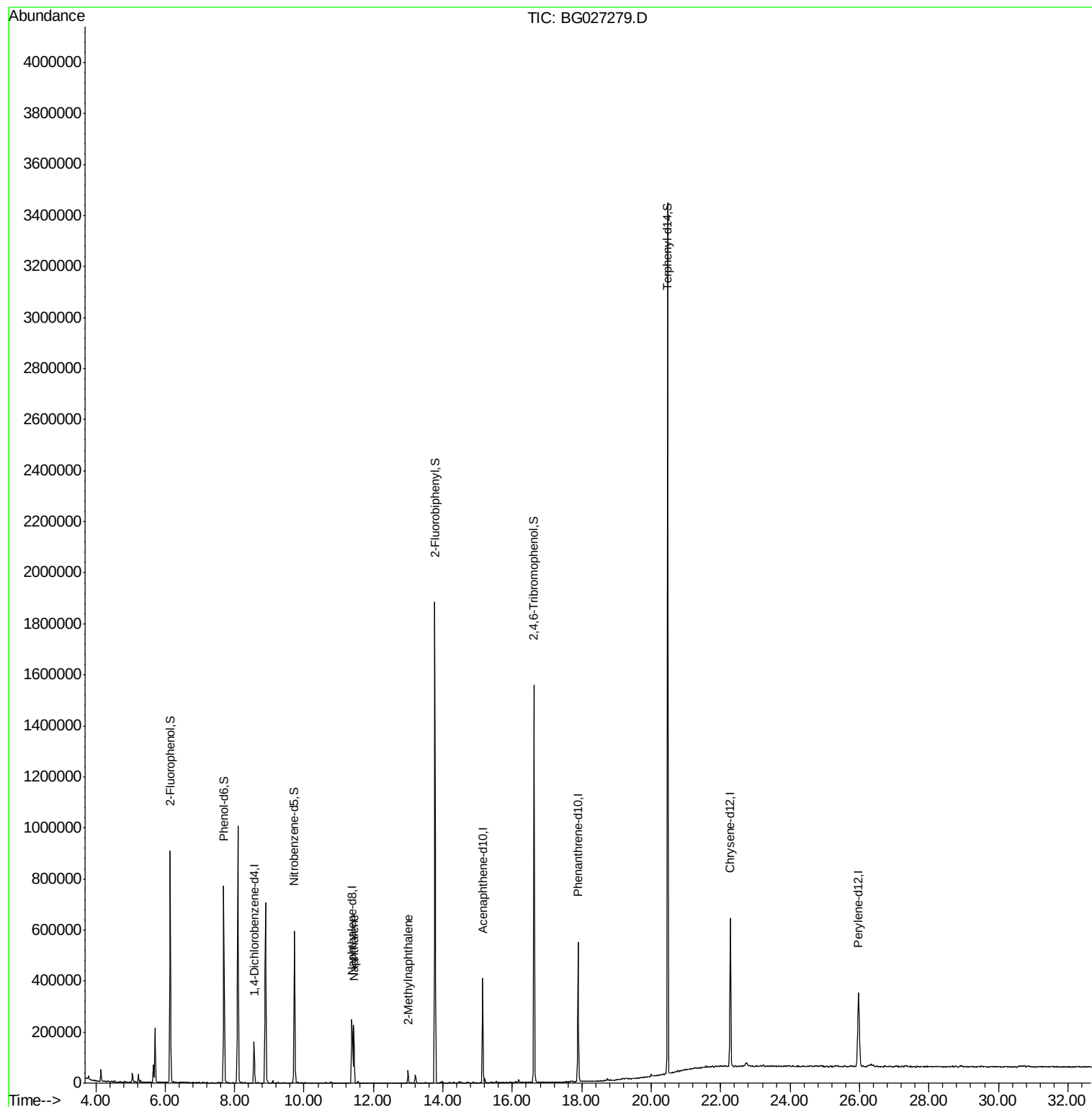
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	47943	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	229788	20.00	ng	-0.02
38) Acenaphthene-d10	15.15	164	147942	20.00	ng	-0.01
63) Phenanthrene-d10	17.89	188	354788	20.00	ng	-0.02
75) Chrysene-d12	22.28	240	399156	20.00	ng	-0.03
86) Perylene-d12	25.97	264	365428	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	429987	136.86	ng	-0.01
7) Phenol-d6	7.69	99	525730	114.00	ng	-0.01
23) Nitrobenzene-d5	9.72	82	399311	109.29	ng	-0.02
41) 2,4,6-Tribromophenol	16.63	330	312233	160.27	ng	-0.02
44) 2-Fluorobiphenyl	13.77	172	996305	94.21	ng	-0.02
78) Terphenyl-d14	20.47	244	1578988	100.91	ng	-0.03
Target Compounds						
31) Naphthalene	11.43	128	200301	15.949	ng	99
37) 2-Methylnaphthalene	12.99	142	24462	2.670	ng	96

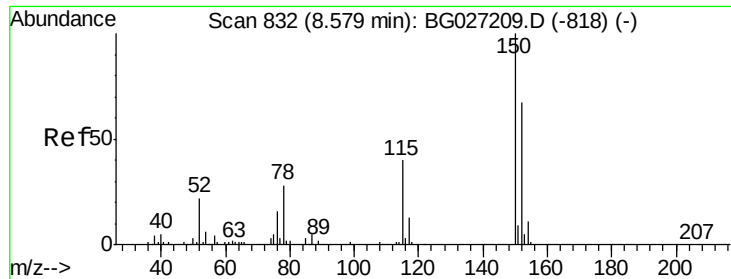
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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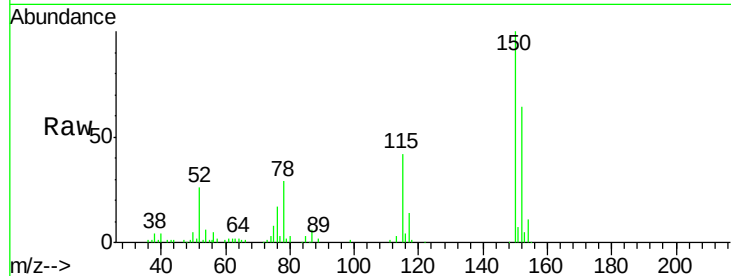


#1

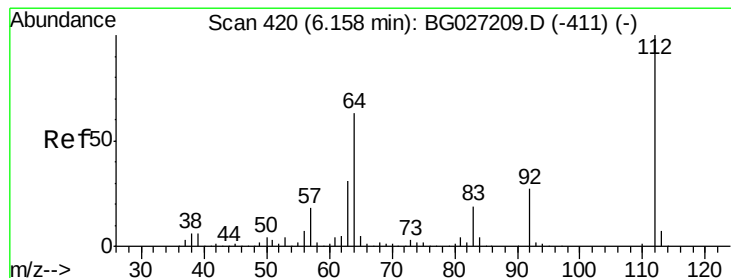
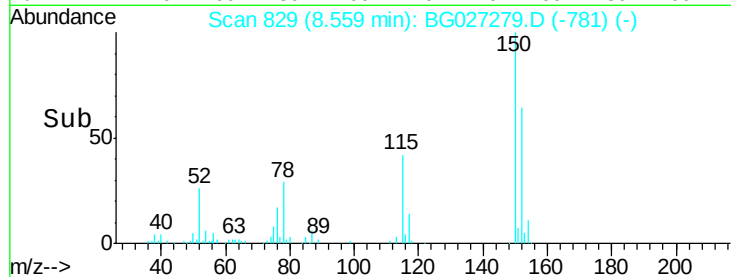
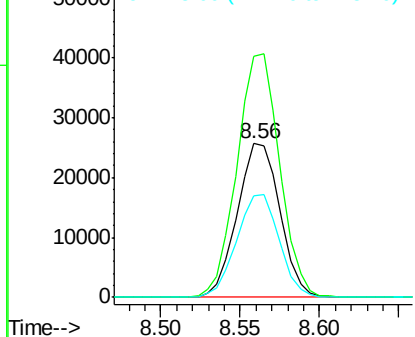
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BG027279.D
Acq: 7 Jun 2017 12:07

Instrument :
BNA_G
ClientSampleId :
SU-04-060517

Tgt Ion:152 Resp: 47943
Ion Ratio Lower Upper
152 100
150 157.2 114.0 171.0
115 66.1 48.1 72.1



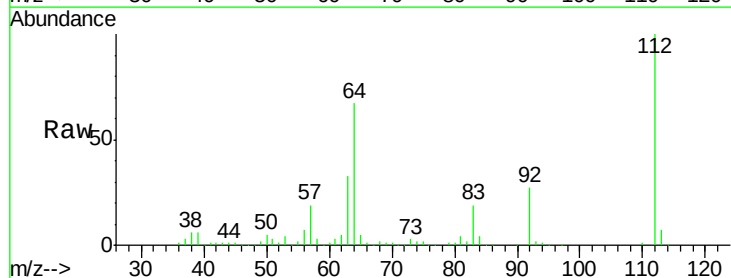
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



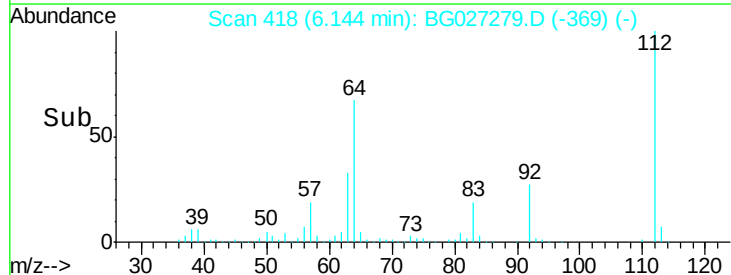
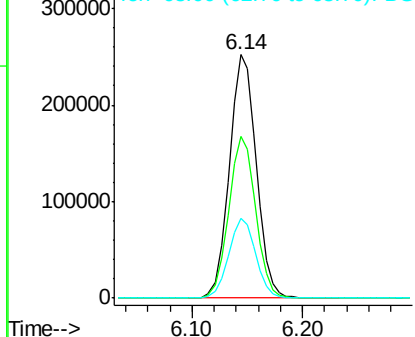
#5

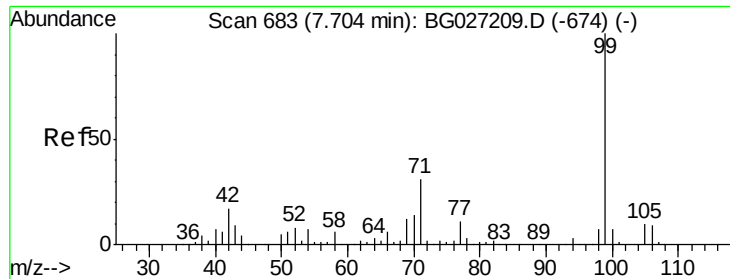
2-Fluorophenol
Concen: 136.859 ng
RT: 6.14 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027279.D
Acq: 7 Jun 2017 12:07

Tgt Ion:112 Resp: 429987
Ion Ratio Lower Upper
112 100
64 66.6 61.8 92.6
63 32.9 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: 113.996 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027279.D

Acq: 7 Jun 2017 12:07

Instrument :

BNA_G

ClientSampleId :

SU-04-060517

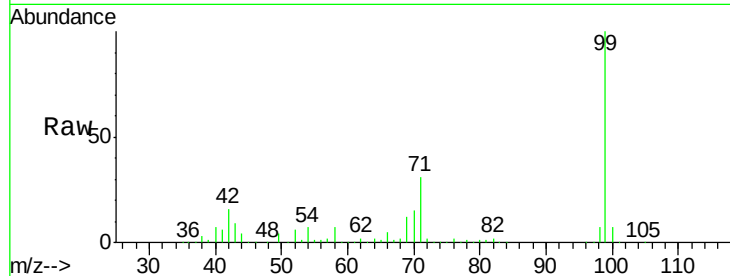
Tgt Ion: 99 Resp: 525730

Ion Ratio Lower Upper

99 100

42 16.4 20.5 30.7#

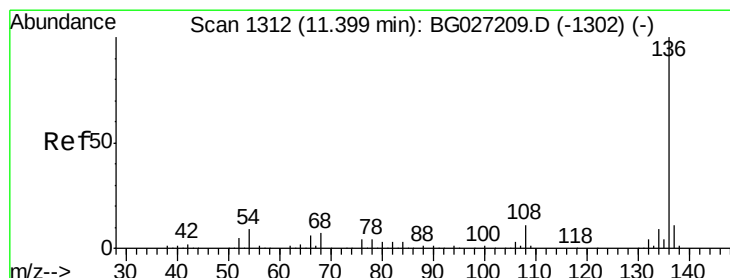
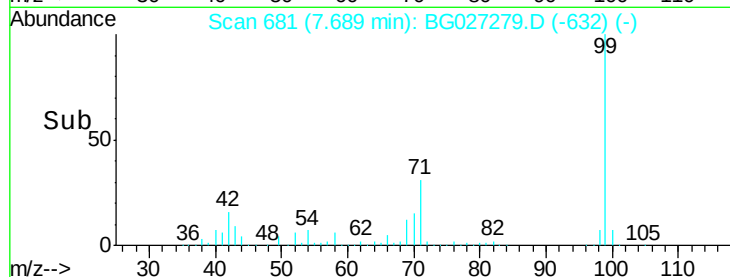
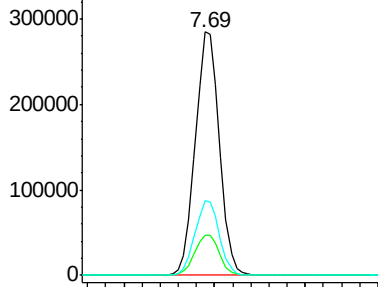
71 30.7 37.6 56.4#



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: 11.38 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BG027279.D

Acq: 7 Jun 2017 12:07

Tgt Ion: 136 Resp: 229788

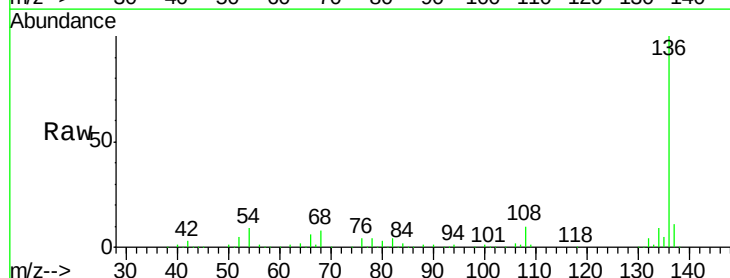
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.3 9.3 13.9#

68 8.1 5.1 7.7#

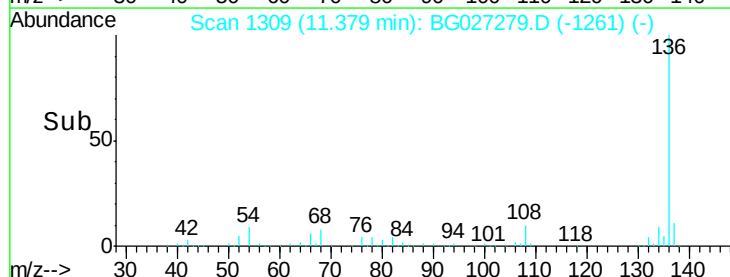
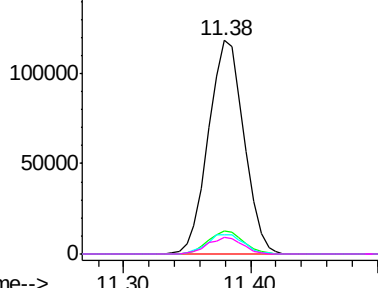


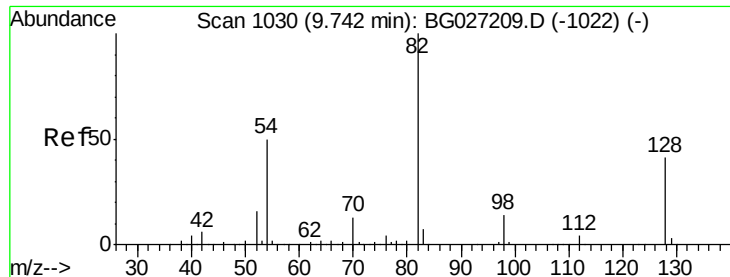
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

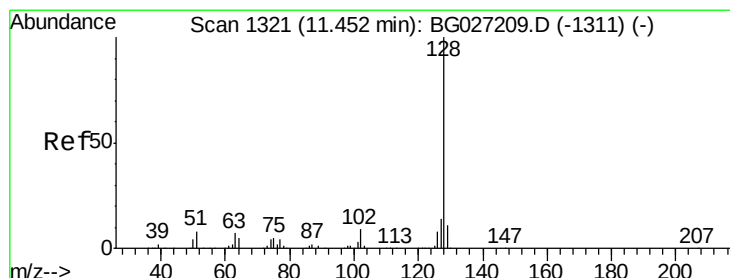
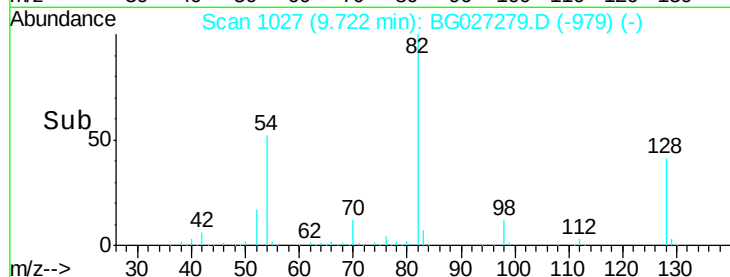
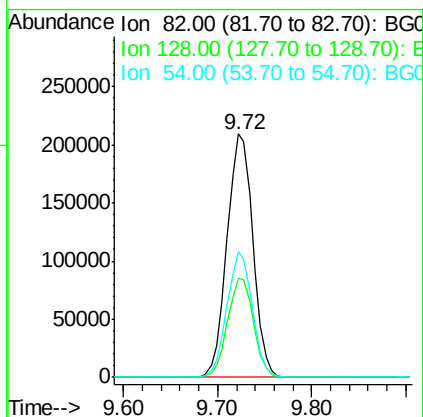
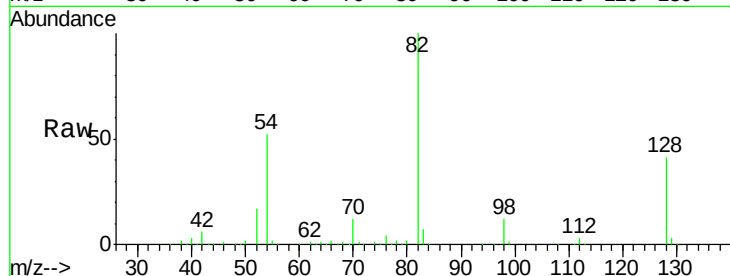




#23
Nitrobenzene-d5
Concen: 109.286 ng
RT: 9.72 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG027279.D
Acq: 7 Jun 2017 12:07

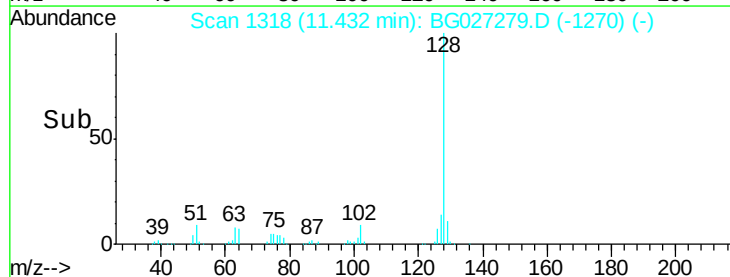
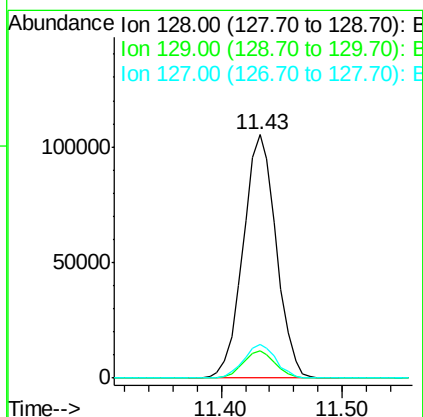
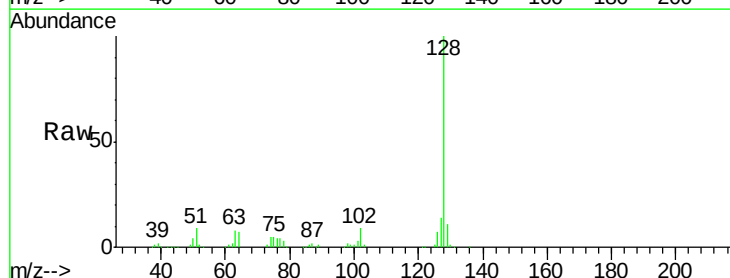
Instrument :
BNA_G
ClientSampleId :
SU-04-060517

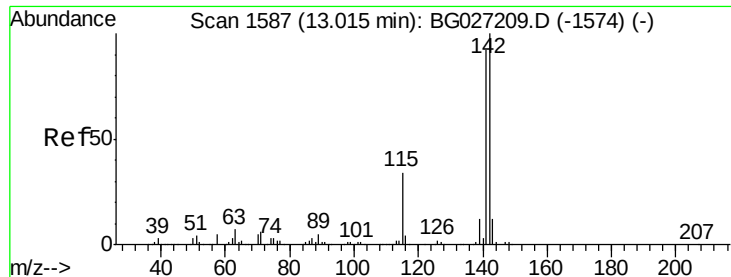
Tgt Ion: 82 Resp: 399311
Ion Ratio Lower Upper
82 100
128 40.7 26.4 39.6#
54 51.9 49.4 74.2



#31
Naphthalene
Concen: 15.949 ng
RT: 11.43 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BG027279.D
Acq: 7 Jun 2017 12:07

Tgt Ion: 128 Resp: 200301
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.8 11.4 17.0

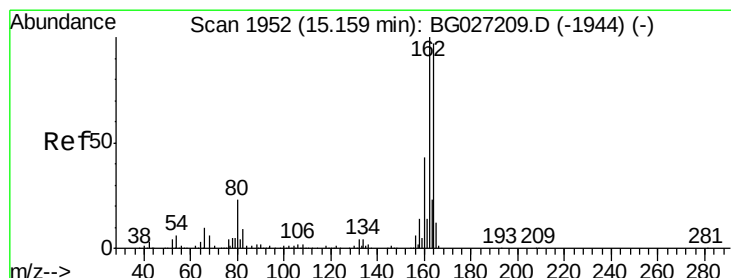
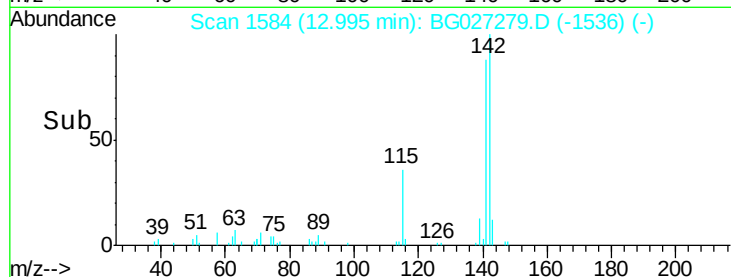
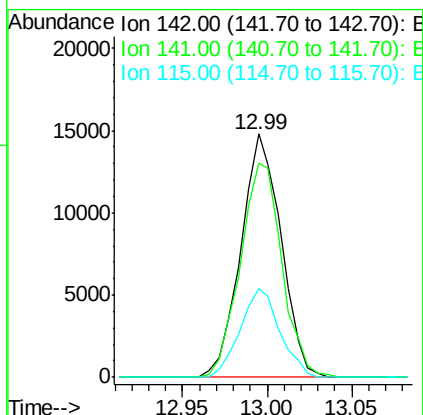
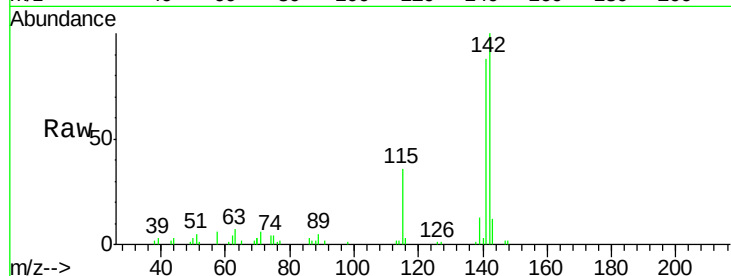




#37
2-Methylnaphthalene
Concen: 2.670 ng
RT: 12.99 min Scan# 1584
Delta R.T. -0.02 min
Lab File: BG027279.D
Acq: 7 Jun 2017 12:07

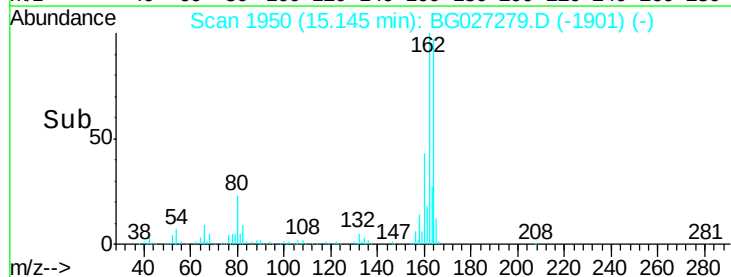
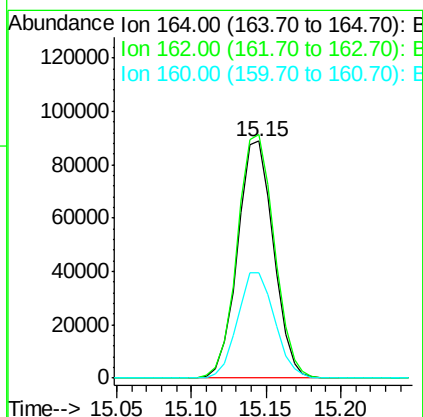
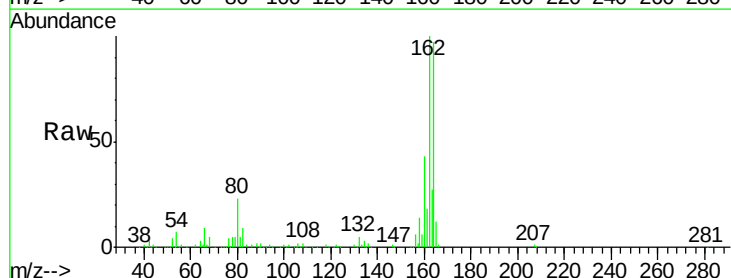
Instrument :
BNA_G
ClientSampleId :
SU-04-060517

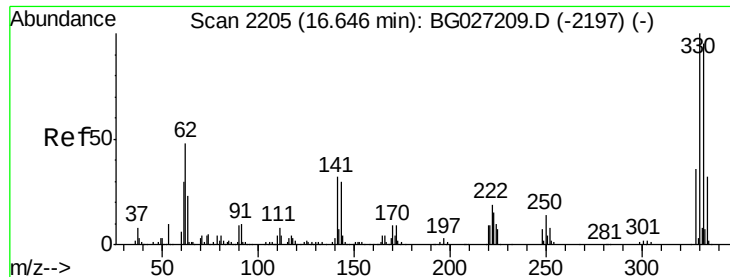
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.4	105.6
115	36.5	35.5	53.3



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.15 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG027279.D
Acq: 7 Jun 2017 12:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	85.1	127.7
160	44.6	34.7	52.1

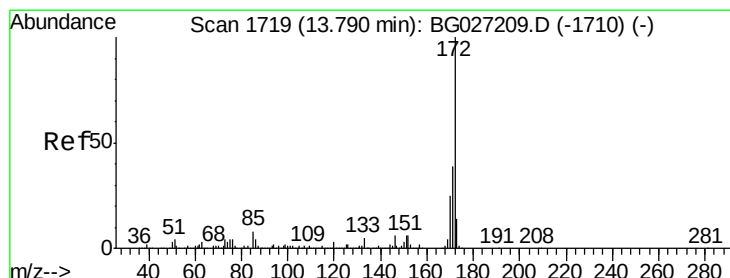
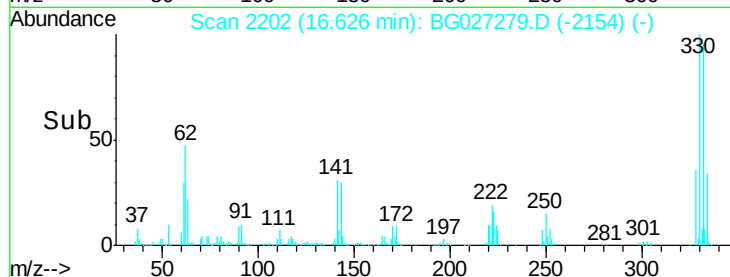
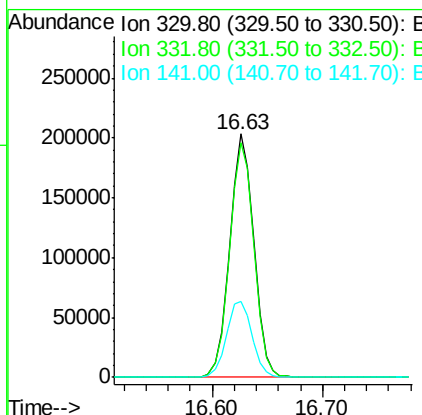
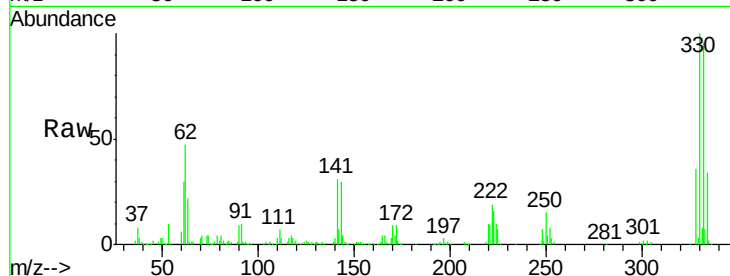




#41
 2,4,6-Tribromophenol
 Concen: 160.273 ng
 RT: 16.63 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG027279.D
 Acq: 7 Jun 2017 12:07

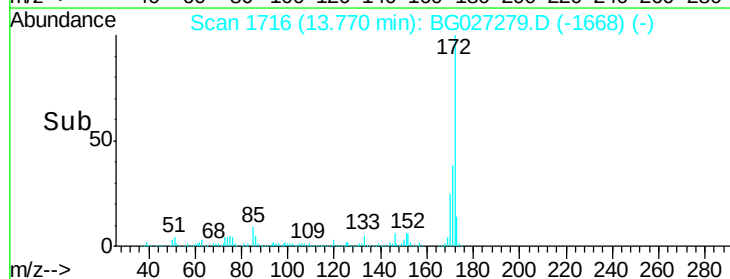
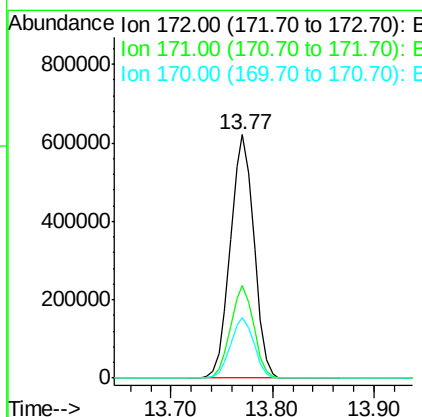
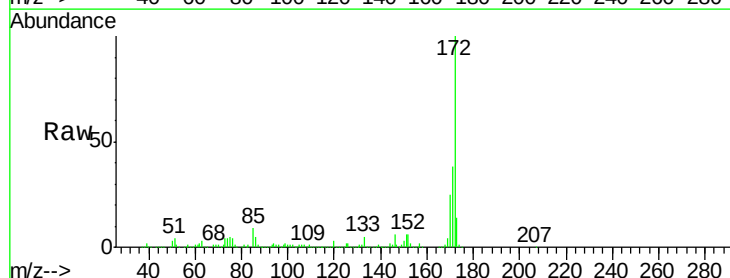
Instrument :
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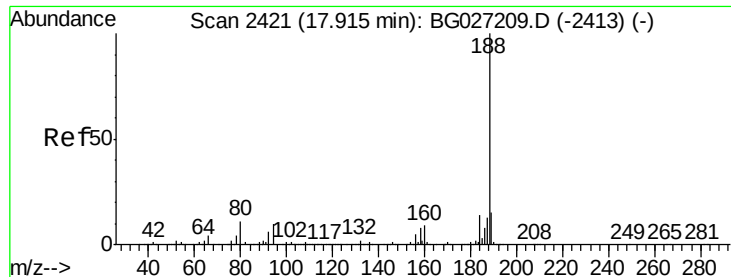
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.3	115.9
141	33.0	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 94.213 ng
 RT: 13.77 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BG027279.D
 Acq: 7 Jun 2017 12:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	32.2	48.2
170	24.7	21.8	32.6

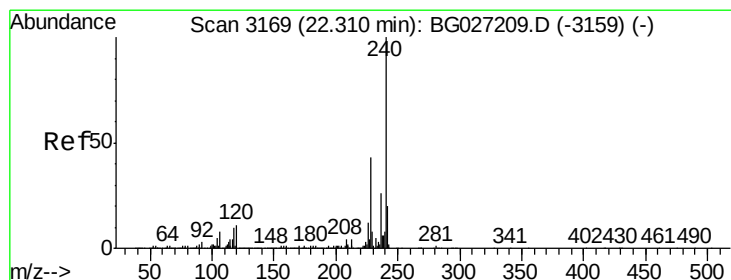
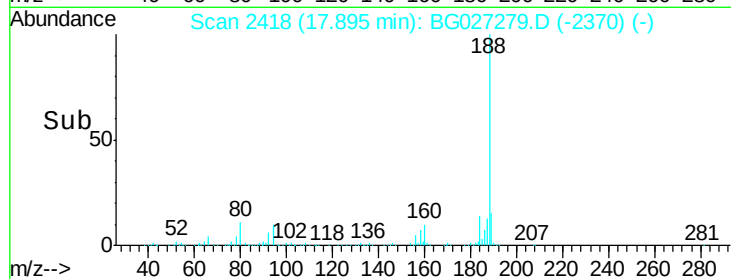
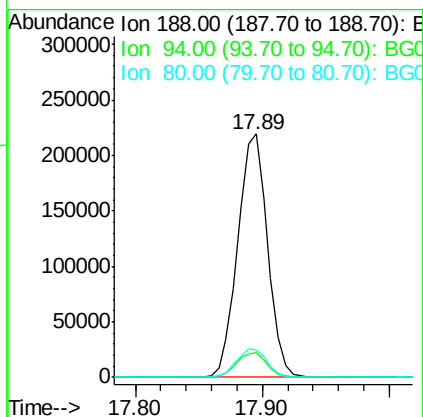
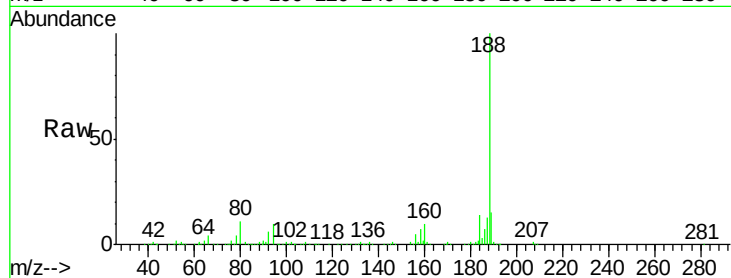




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.89 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG027279.D
Acq: 7 Jun 2017 12:07

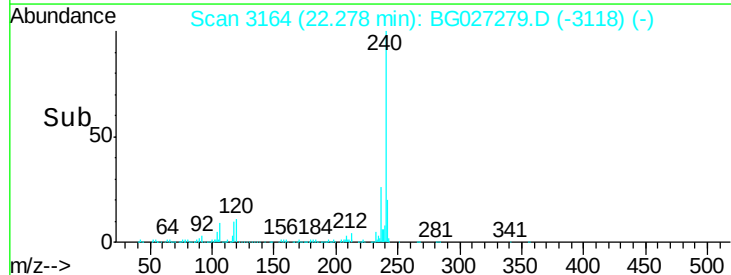
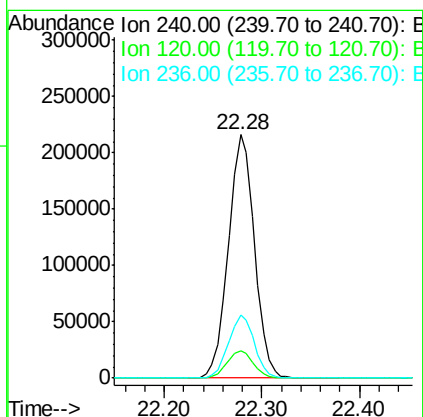
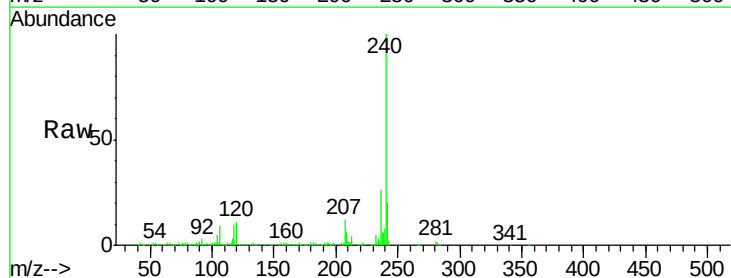
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BNA_G
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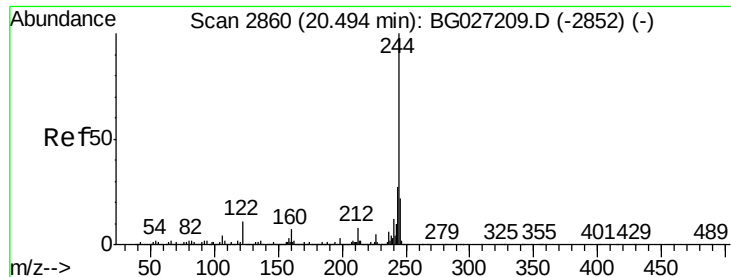
Tgt Ion:188 Resp: 354788
Ion Ratio Lower Upper
188 100
94 10.0 5.8 8.8#
80 11.2 7.5 11.3



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.28 min Scan# 3164
Delta R.T. -0.03 min
Lab File: BG027279.D
Acq: 7 Jun 2017 12:07

Tgt Ion:240 Resp: 399156
Ion Ratio Lower Upper
240 100
120 11.4 5.7 8.5#
236 25.8 22.2 33.4





#78

Terphenyl-d14

Concen: 100.913 ng

RT: 20.47 min Scan# 2856

Delta R.T. -0.03 min

Lab File: BG027279.D

Acq: 7 Jun 2017 12:07

Instrument :

BNA_G

ClientSampleId :

SU-04-060517

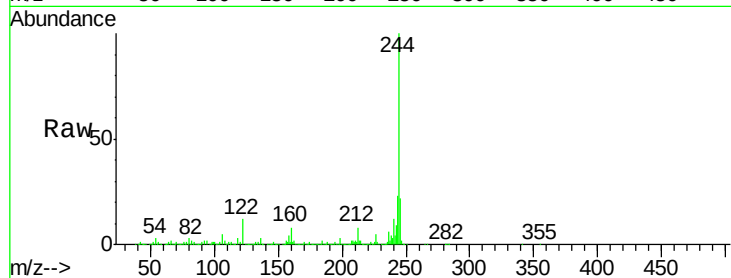
Tgt Ion:244 Resp: 1578988

Ion Ratio Lower Upper

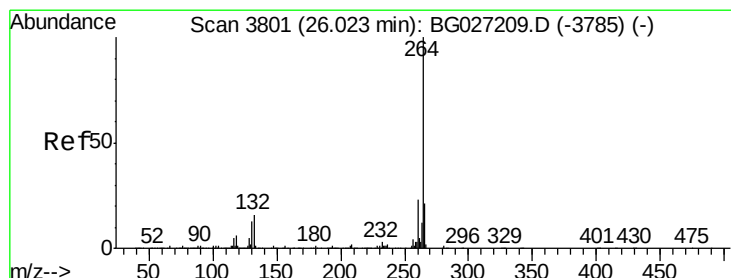
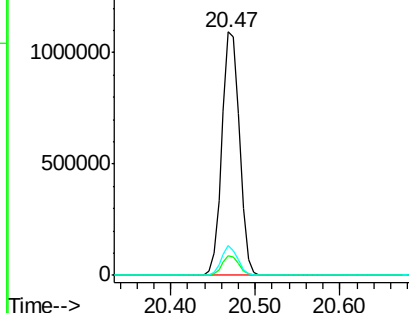
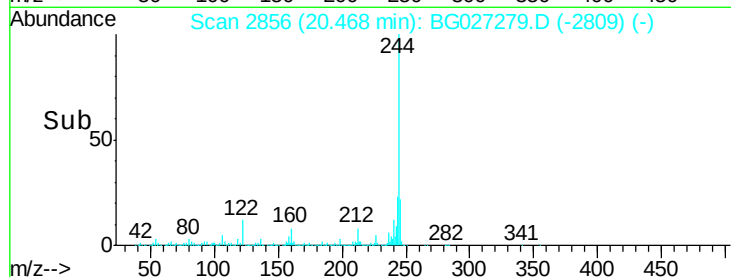
244 100

212 8.1 10.0 15.0#

122 12.1 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: 25.97 min Scan# 3792

Delta R.T. -0.06 min

Lab File: BG027279.D

Acq: 7 Jun 2017 12:07

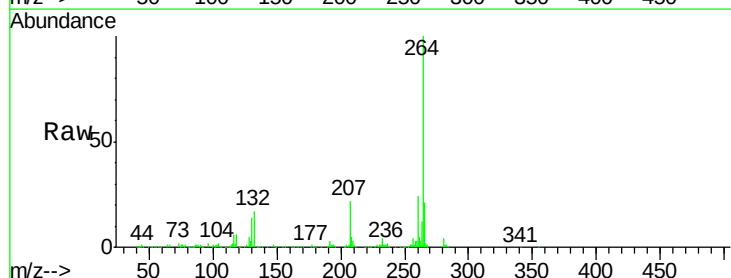
Tgt Ion:264 Resp: 365428

Ion Ratio Lower Upper

264 100

260 23.9 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

