

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070117\
 Data File : BG027786.D
 Acq On : 1 Jul 2017 16:32
 Operator : SJ/JU
 Sample : I3996-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 01 18:10:29 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

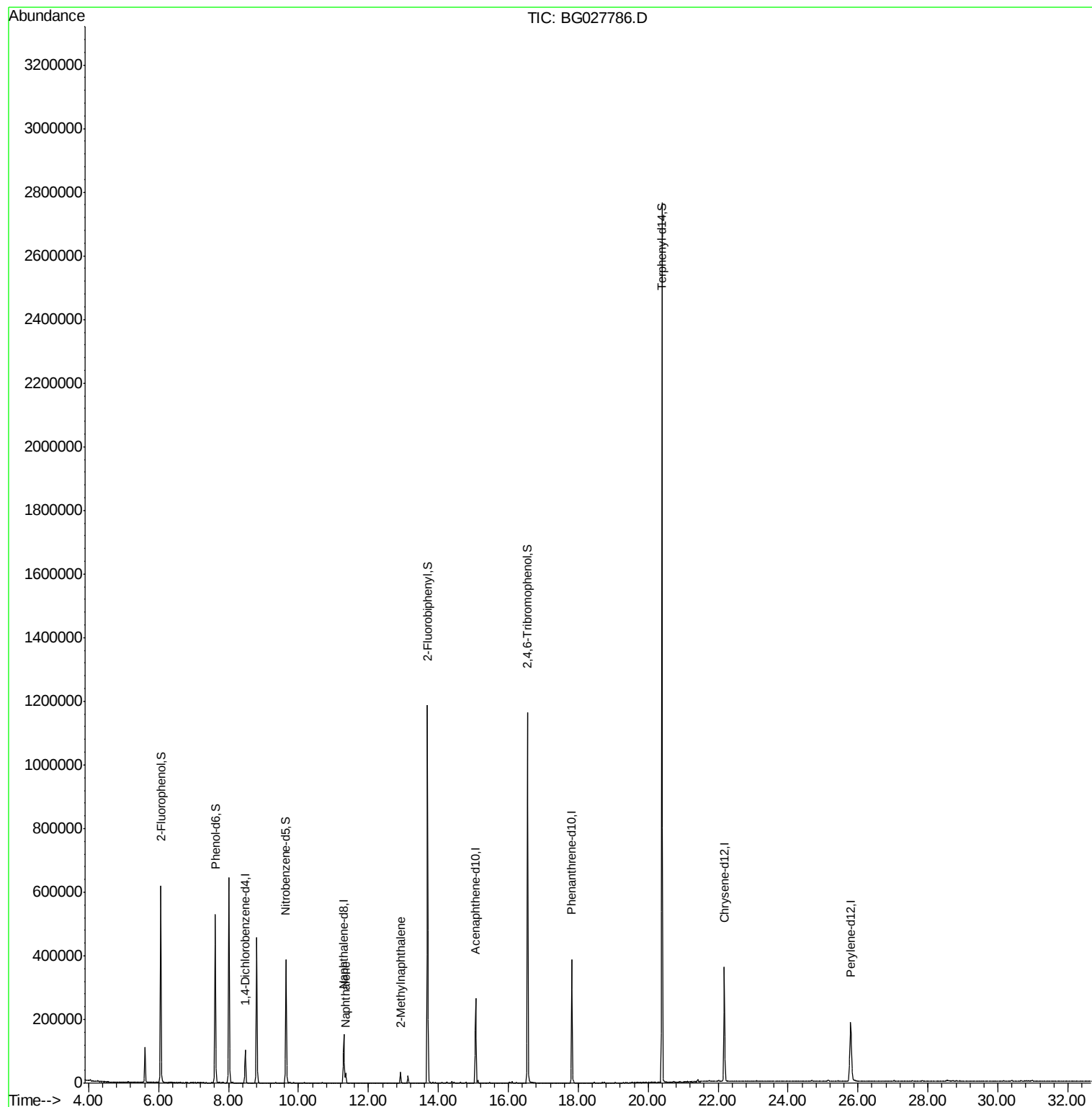
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	30264	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	141498	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	93227	20.00	ng	0.00
63) Phenanthrene-d10	17.82	188	241526	20.00	ng	0.00
75) Chrysene-d12	22.18	240	242903	20.00	ng	0.00
86) Perylene-d12	25.80	264	242874	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	267619	136.17	ng	0.00
7) Phenol-d6	7.62	99	327753	109.16	ng	0.00
23) Nitrobenzene-d5	9.64	82	243996	96.12	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	236934	185.29	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	626728	96.01	ng	0.00
78) Terphenyl-d14	20.40	244	1183222	114.20	ng	0.00
Target Compounds						
31) Naphthalene	11.35	128	28467	3.78	ng	99
37) 2-Methylnaphthalene	12.92	142	16520	2.95	ng	89

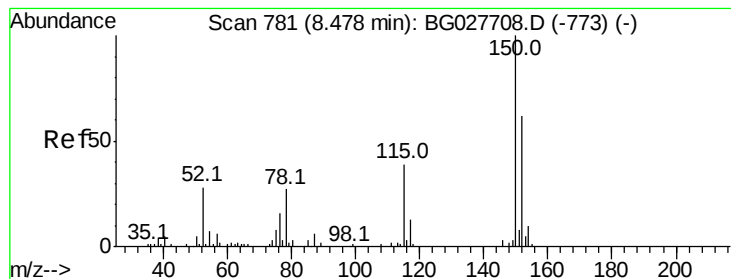
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.47 min Scan# 780

Delta R.T. -0.00 min

Lab File: BG027786.D

Acq: 1 Jul 2017 16:32

Instrument :

BNA_G

ClientSampleId :

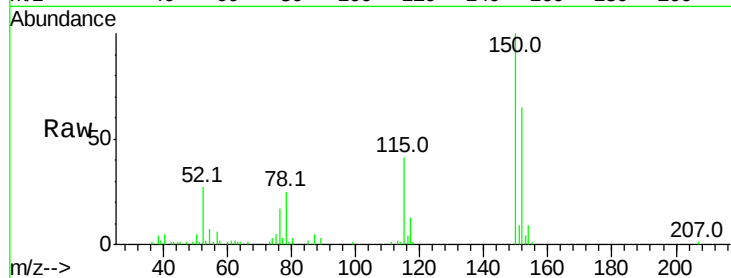
Tot Ion:152 Resp: 30264

Ion Ratio Lower Upper

152 100

150 153.3 114.0 171.0

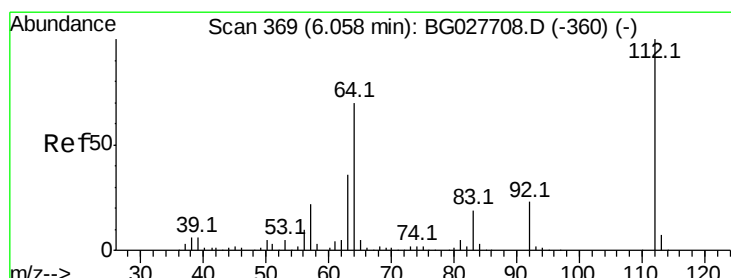
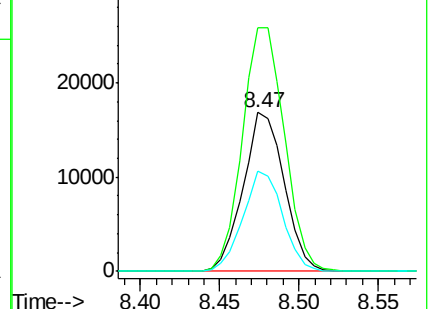
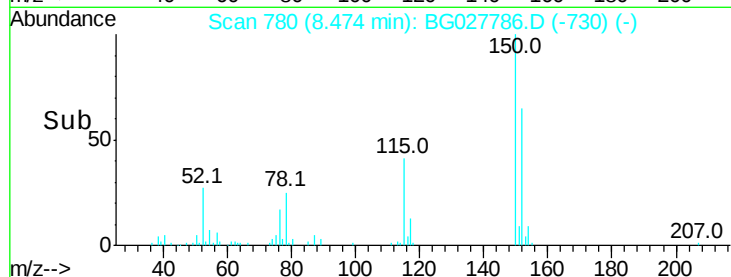
115 62.8 48.1 72.1



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: 136.17 ng

RT: 6.06 min Scan# 369

Delta R.T. 0.00 min

Lab File: BG027786.D

Acq: 1 Jul 2017 16:32

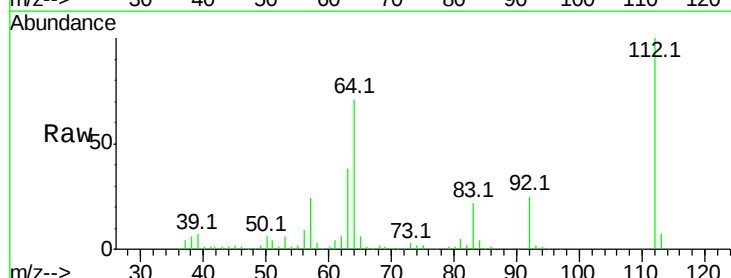
Tgt Ion:112 Resp: 267619

Ion Ratio Lower Upper

112 100

64 70.5 61.8 92.6

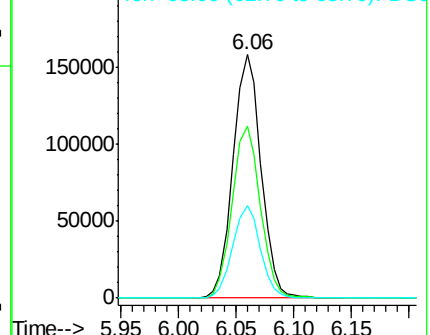
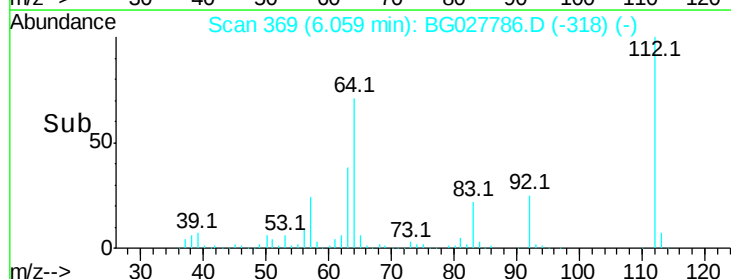
63 38.2 37.2 55.8



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: 109.16 ng

RT: 7.62 min Scan# 634

Delta R.T. 0.00 min

Lab File: BG027786.D

Acq: 1 Jul 2017 16:32

Instrument :

BNA_G

ClientSampleId :

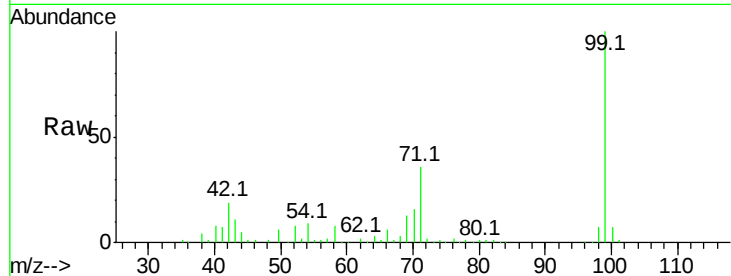
Tot Ion: 99 Resp: 327753

Ion Ratio Lower Upper

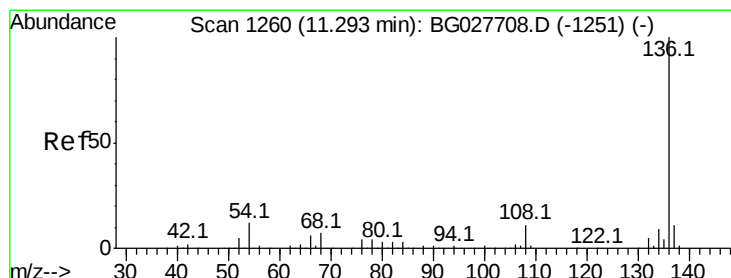
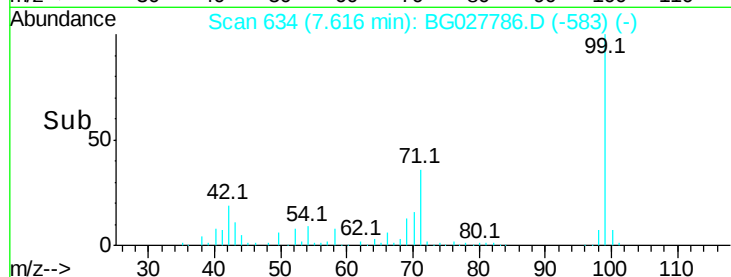
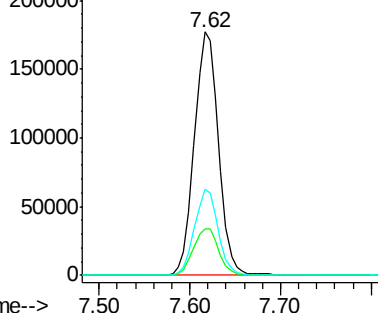
99 100

42 19.0 20.5 30.7#

71 35.5 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: 20.00 ng

RT: 11.29 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BG027786.D

Acq: 1 Jul 2017 16:32

Tgt Ion: 136 Resp: 141498

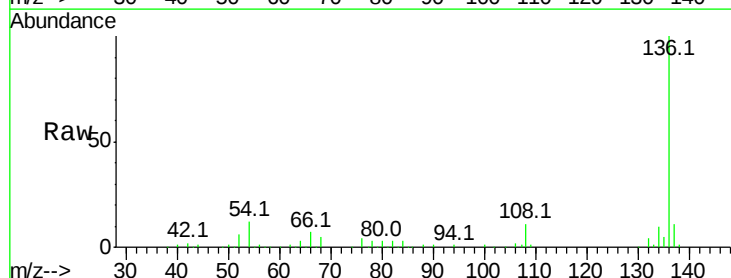
Ion Ratio Lower Upper

136 100

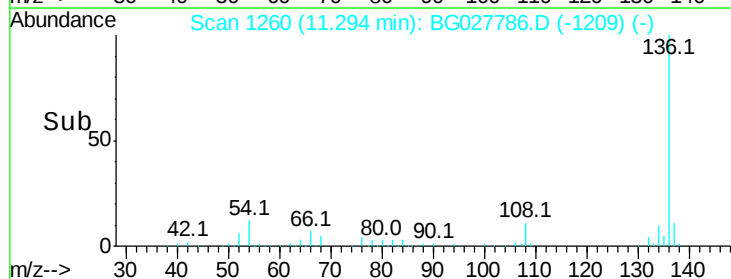
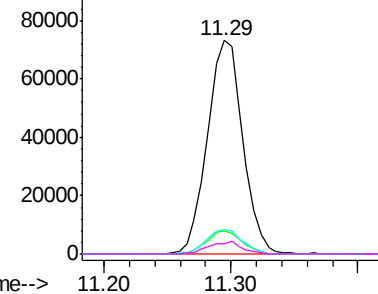
137 10.9 8.9 13.3

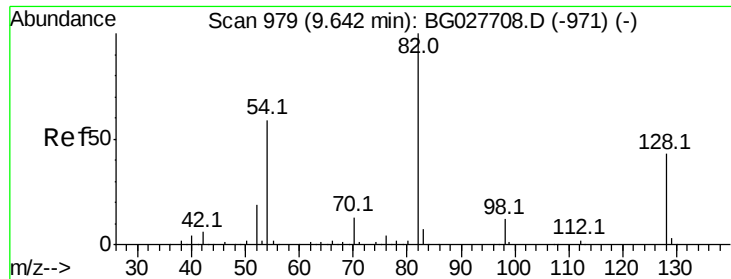
54 11.5 9.3 13.9

68 5.0 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

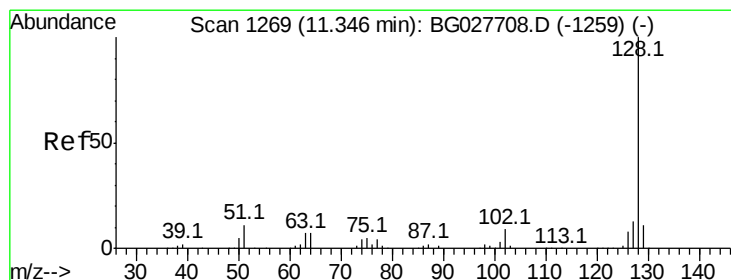
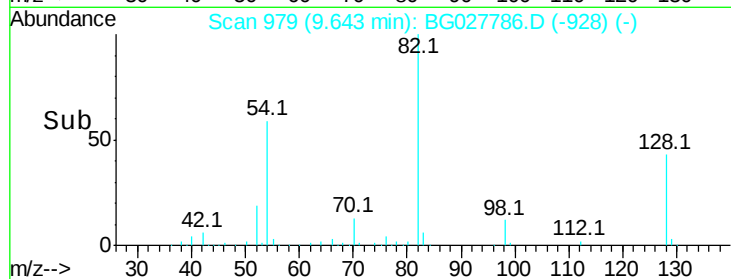
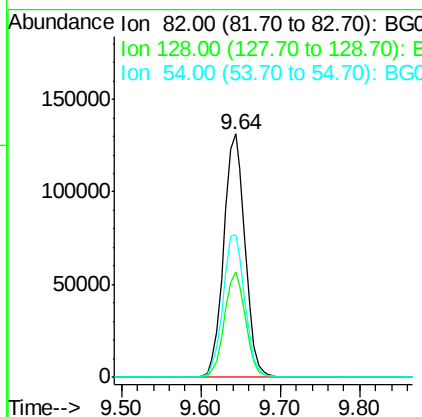
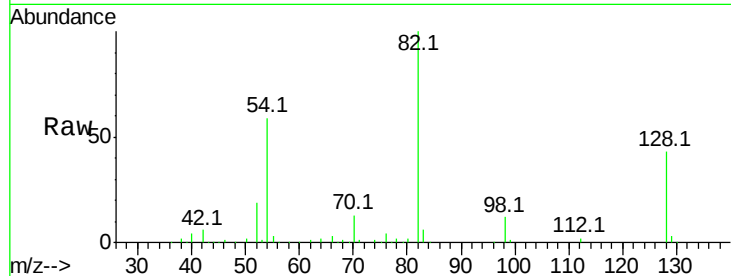




#23
Nitrobenzene-d5
Concen: 96.12 ng
RT: 9.64 min Scan# 979
Delta R.T. 0.00 min
Lab File: BG027786.D
Acq: 1 Jul 2017 16:32

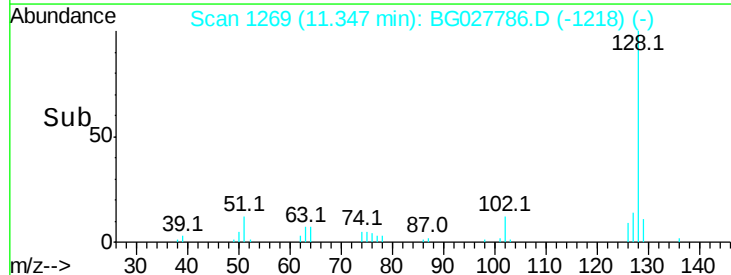
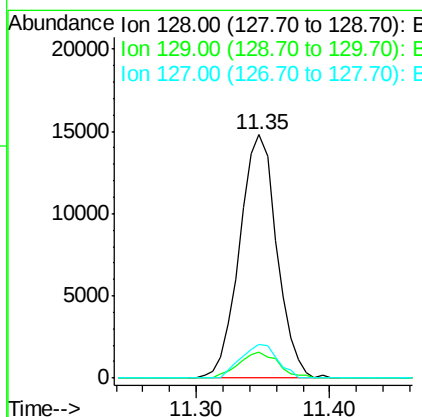
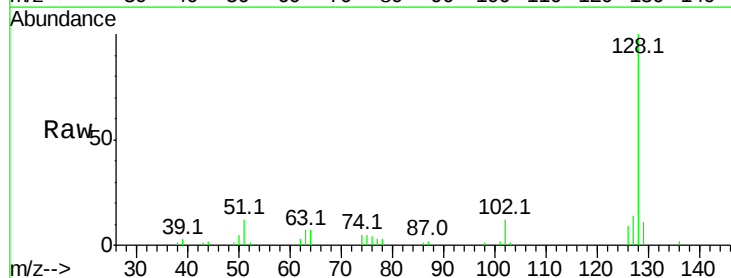
Instrument :
BNA_G
ClientSampleId :

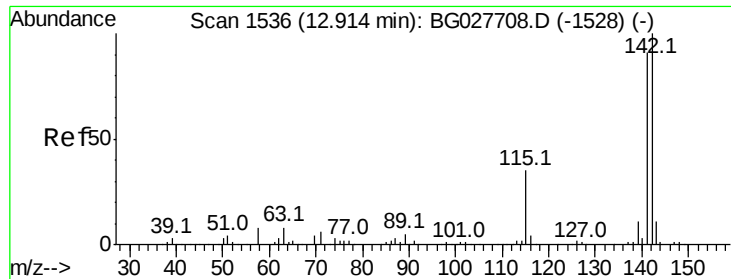
Tot Ion	82	Resp	243996
Ion Ratio	Lower	Upper	
82	100		
128	43.2	26.4	39.6#
54	58.5	49.4	74.2



#31
Naphthalene
Concen: 3.78 ng
RT: 11.35 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BG027786.D
Acq: 1 Jul 2017 16:32

Tgt Ion	128	Resp	28467
Ion Ratio	Lower	Upper	
128	100		
129	10.8	9.3	13.9
127	14.0	11.4	17.0

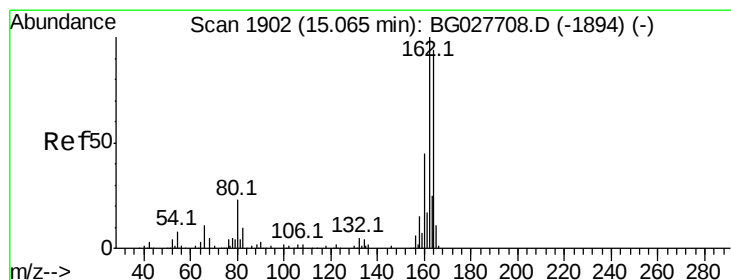
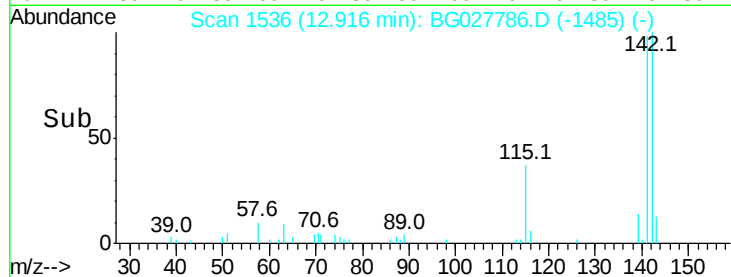
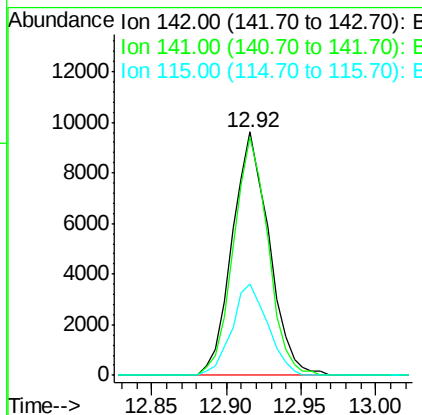
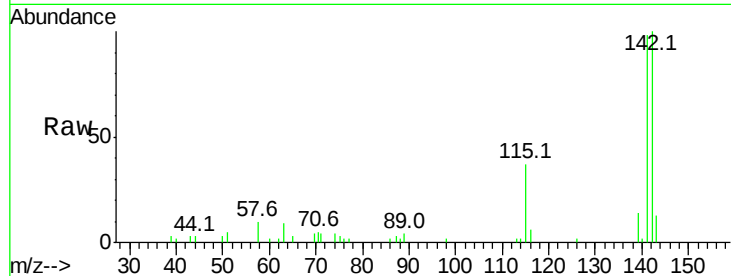




#37
2-Methylnaphthalene
Concen: 2.95 ng
RT: 12.92 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BG027786.D
Acq: 1 Jul 2017 16:32

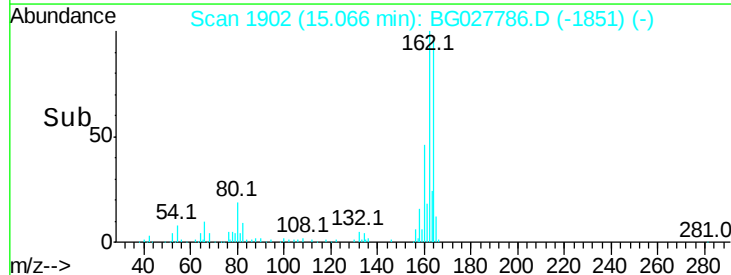
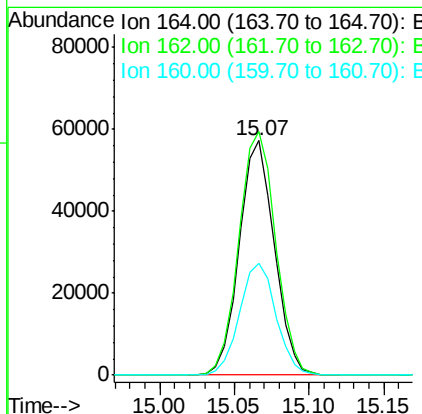
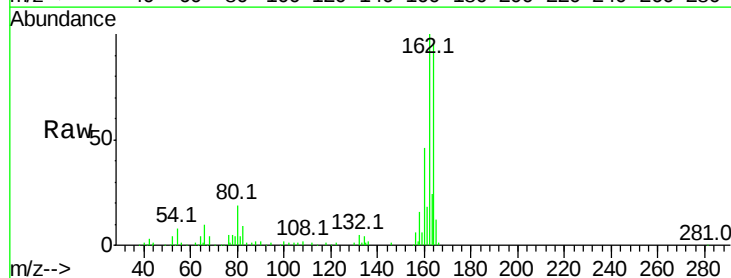
Instrument :
BNA_G
ClientSampleId :

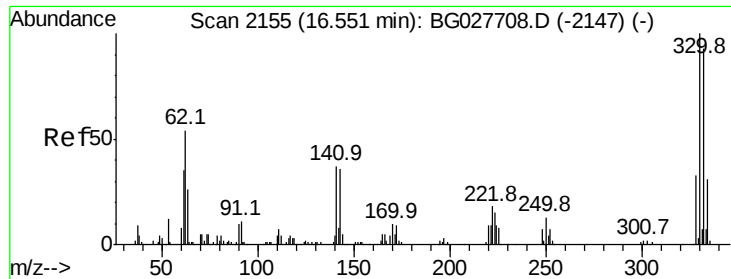
Tot Ion:142 Resp: 16520
Ion Ratio Lower Upper
142 100
141 98.0 70.4 105.6
115 37.3 35.5 53.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.07 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BG027786.D
Acq: 1 Jul 2017 16:32

Tgt Ion:164 Resp: 93227
Ion Ratio Lower Upper
164 100
162 104.0 85.1 127.7
160 47.6 34.7 52.1

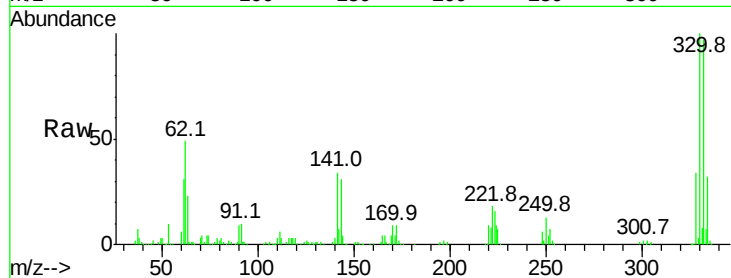




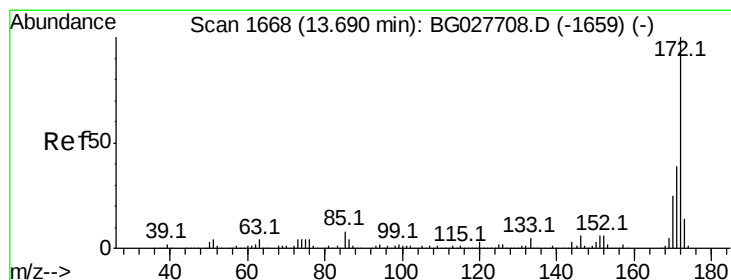
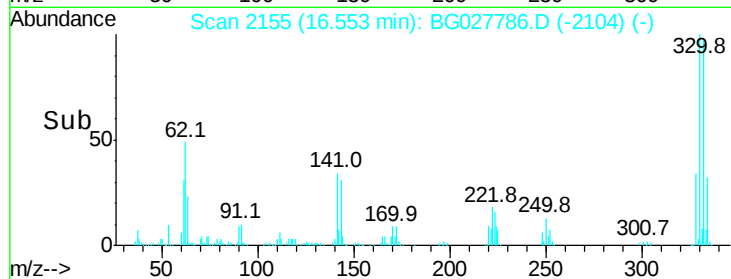
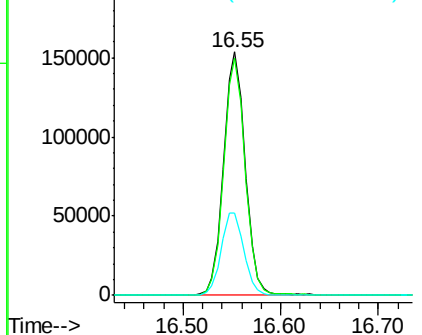
#41
 2,4,6-Tribromophenol
 Concen: 185.29 ng
 RT: 16.55 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: BG027786.D
 Acq: 1 Jul 2017 16:32

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	35.8	32.1	48.1

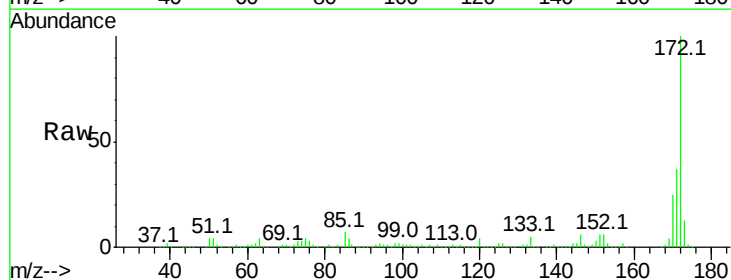


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

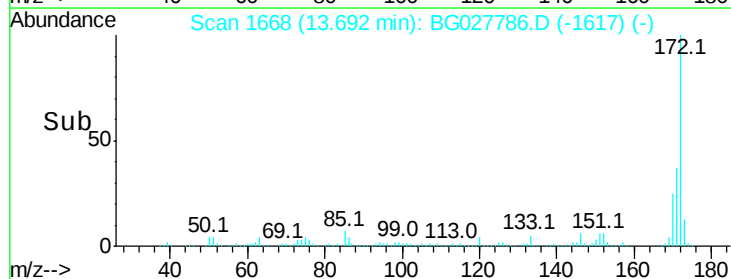
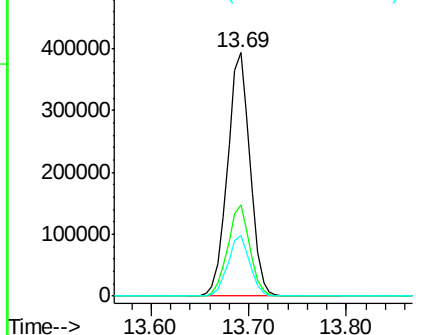


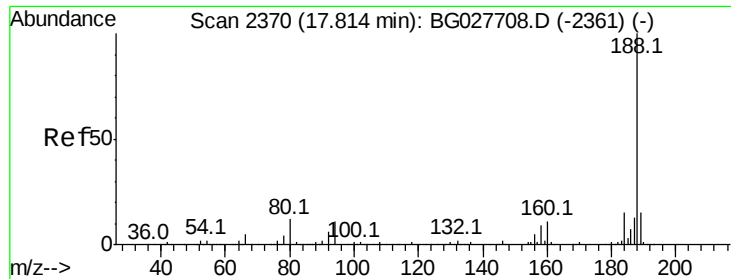
#44
 2-Fluorobiphenyl
 Concen: 96.01 ng
 RT: 13.69 min Scan# 1668
 Delta R.T. 0.00 min
 Lab File: BG027786.D
 Acq: 1 Jul 2017 16:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	32.2	48.2
170	24.7	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

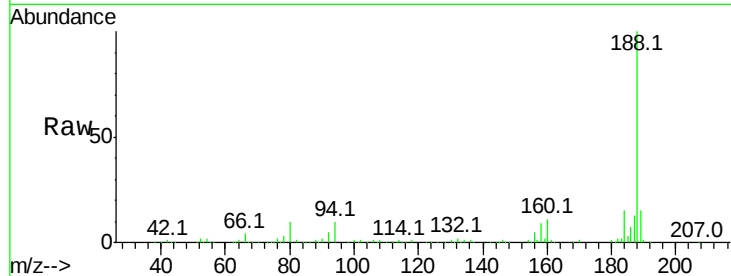




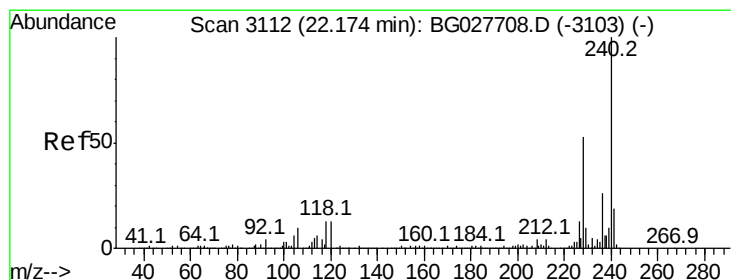
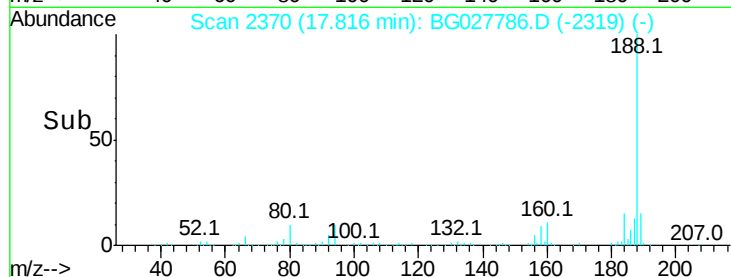
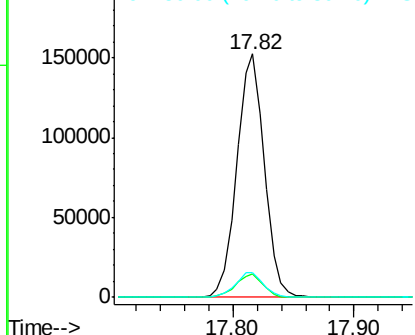
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.82 min Scan# 2370
Delta R.T. 0.00 min
Lab File: BG027786.D
Acq: 1 Jul 2017 16:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 241526
Ion Ratio Lower Upper
188 100
94 9.6 5.8 8.8#
80 10.4 7.5 11.3

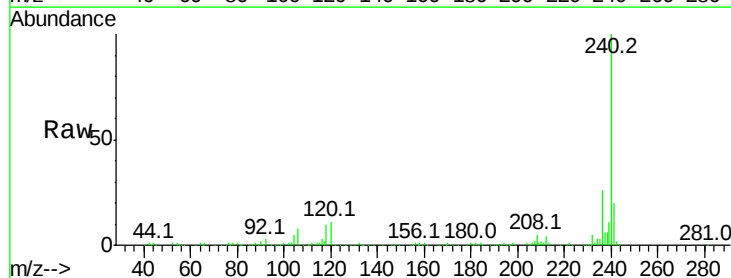


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): B
Ion 80.00 (79.70 to 80.70): B

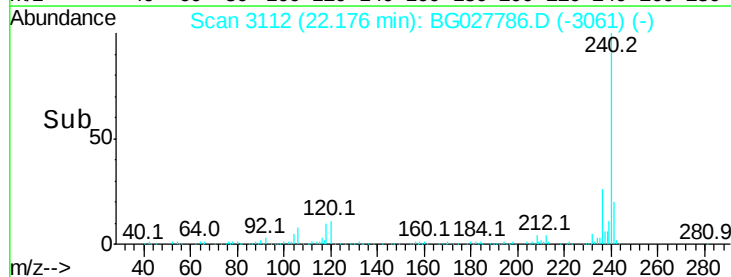
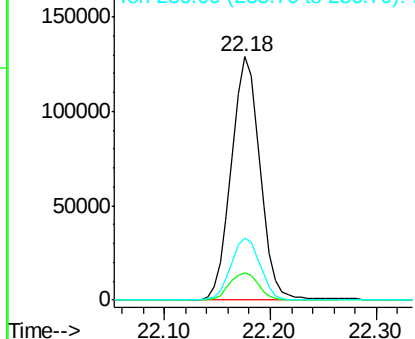


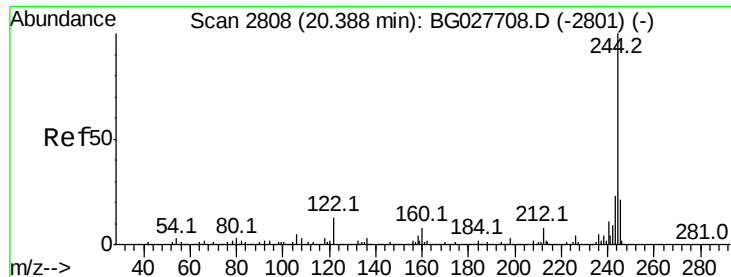
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.18 min Scan# 3112
Delta R.T. 0.00 min
Lab File: BG027786.D
Acq: 1 Jul 2017 16:32

Tgt Ion:240 Resp: 242903
Ion Ratio Lower Upper
240 100
120 11.1 5.7 8.5#
236 25.5 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: 114.20 ng

RT: 20.40 min Scan# 2809

Delta R.T. 0.01 min

Lab File: BG027786.D

Acq: 1 Jul 2017 16:32

Instrument :

BNA_G

ClientSampleId :

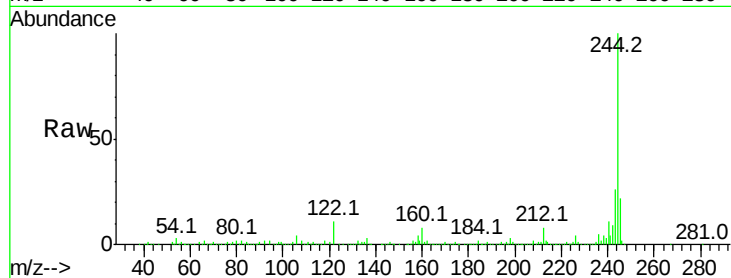
Tot Ion:244 Resp: 1183222

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

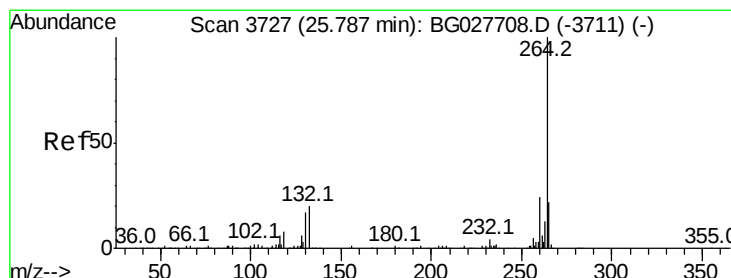
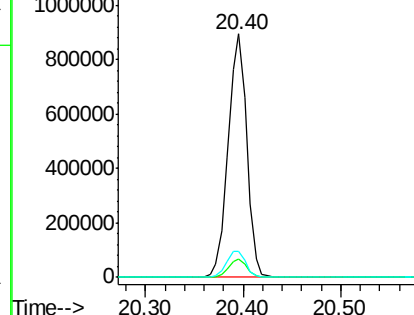
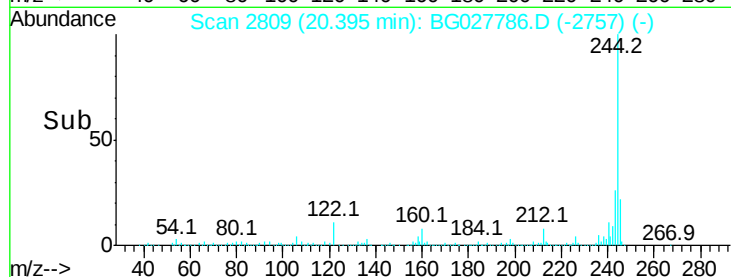
122 10.7 8.6 12.8



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: 20.00 ng

RT: 25.80 min Scan# 3728

Delta R.T. 0.01 min

Lab File: BG027786.D

Acq: 1 Jul 2017 16:32

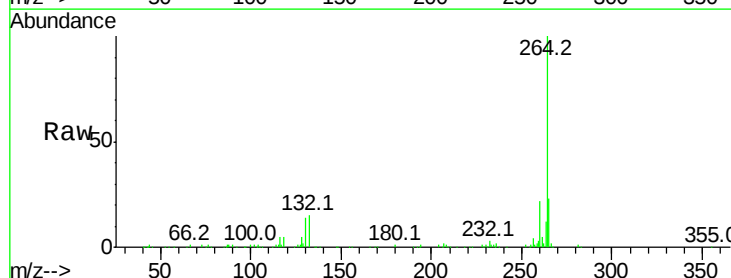
Tgt Ion:264 Resp: 242874

Ion Ratio Lower Upper

264 100

260 22.3 21.8 32.8

265 22.5 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

