

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120215\
 Data File : BG019848.D
 Acq On : 2 Dec 2015 23:52
 Operator : UM/NP
 Sample : G4585-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-16(0-4)

Quant Time: Dec 03 03:00:00 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

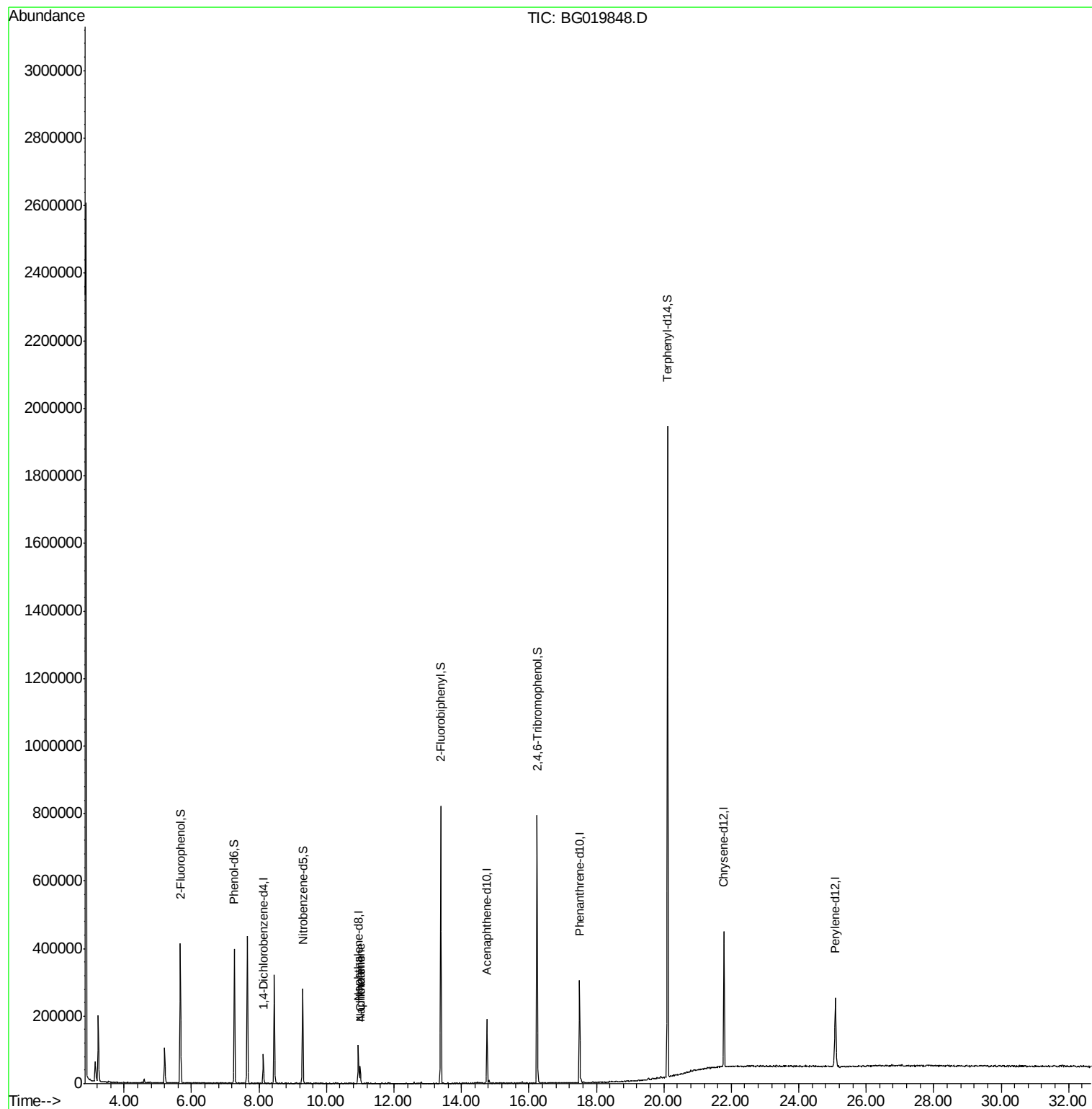
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	22353	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	89144	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	62935	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	185575	20.00	ng	0.00
75) Chrysene-d12	21.78	240	244812	20.00	ng	-0.01
86) Perylene-d12	25.09	264	215880	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	156371	126.43	ng	0.00
7) Phenol-d6	7.27	99	212394	113.74	ng	0.00
23) Nitrobenzene-d5	9.30	82	162702	93.15	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	135893	141.12	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	395252	85.75	ng	0.00
78) Terphenyl-d14	20.11	244	860102	85.70	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.00	128	38684	8.10	ng	99
33) 4-Chloroaniline	11.00	127	5312	2.52	ng	# 36

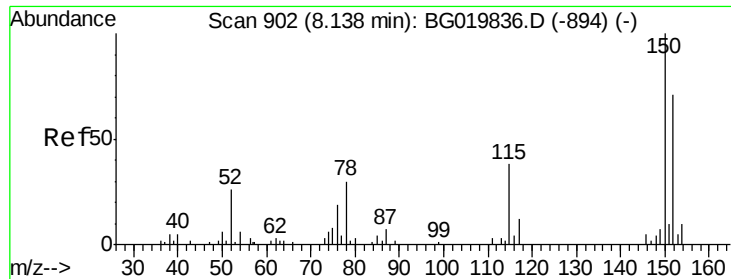
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
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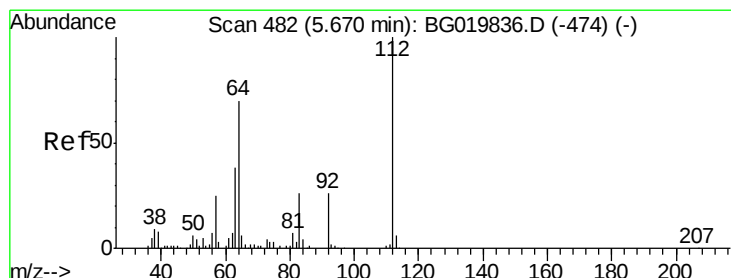
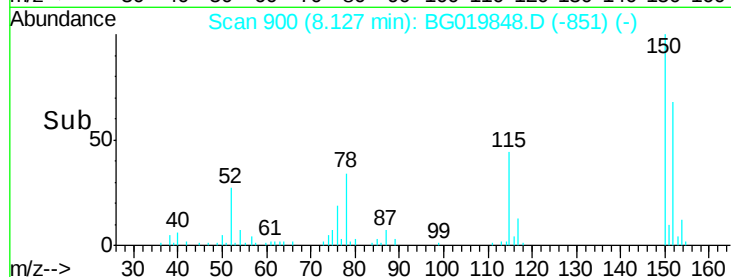
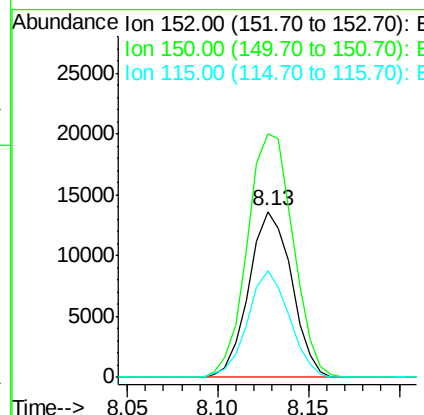
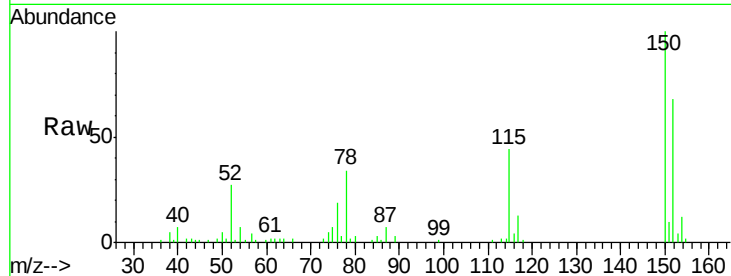




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.13 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG019848.D
 Acq: 2 Dec 2015 23:52

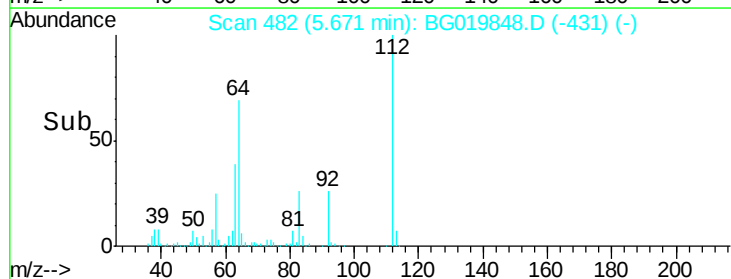
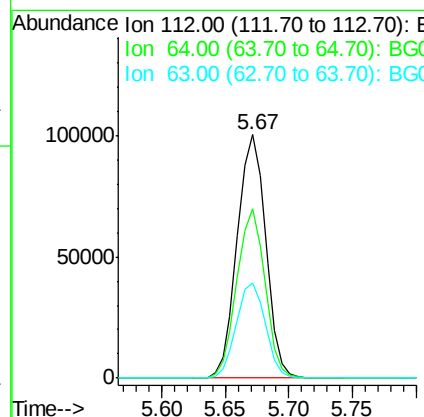
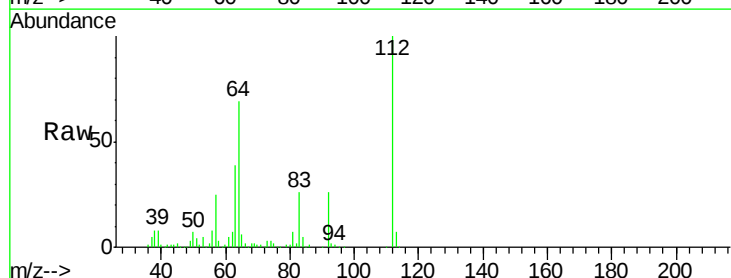
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-16(0-4)

Tgt Ion:152 Resp: 22353
 Ion Ratio Lower Upper
 152 100
 150 146.6 115.0 172.4
 115 64.0 43.9 65.9



#5
 2-Fluorophenol
 Concen: 126.43 ng
 RT: 5.67 min Scan# 482
 Delta R.T. 0.00 min
 Lab File: BG019848.D
 Acq: 2 Dec 2015 23:52

Tgt Ion:112 Resp: 156371
 Ion Ratio Lower Upper
 112 100
 64 69.4 43.7 65.5#
 63 38.8 24.0 36.0#





#7

Phenol-d6

Concen: 113.74 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.00 min

Lab File: BG019848.D

Acq: 2 Dec 2015 23:52

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-16(0-4)

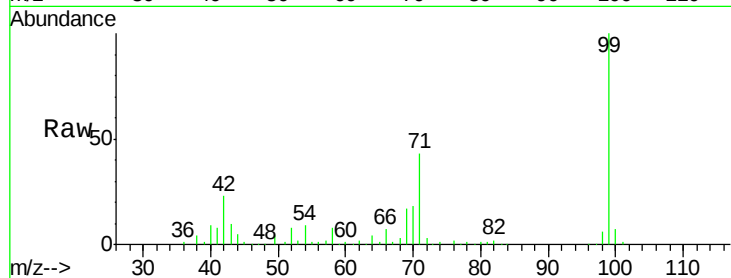
Tgt Ion: 99 Resp: 212394

Ion Ratio Lower Upper

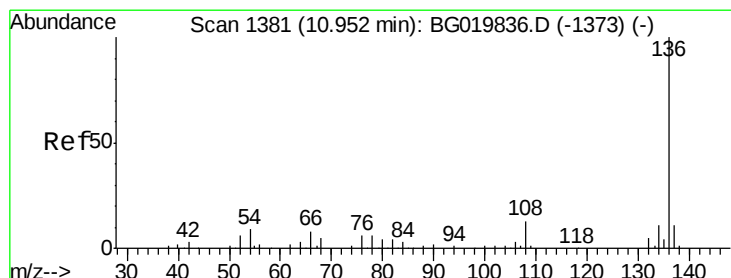
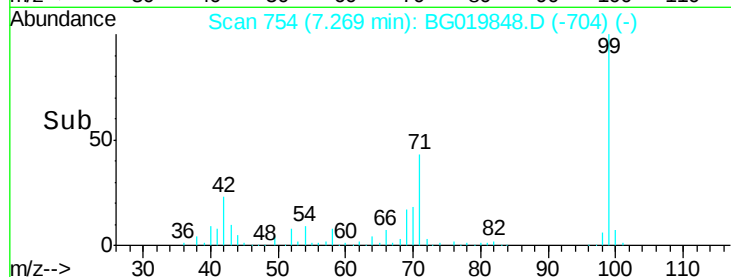
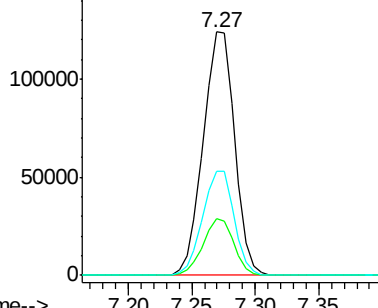
99 100

42 23.5 11.5 17.3#

71 42.7 22.6 34.0#



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: 10.95 min Scan# 1380

Delta R.T. -0.00 min

Lab File: BG019848.D

Acq: 2 Dec 2015 23:52

Tgt Ion: 136 Resp: 89144

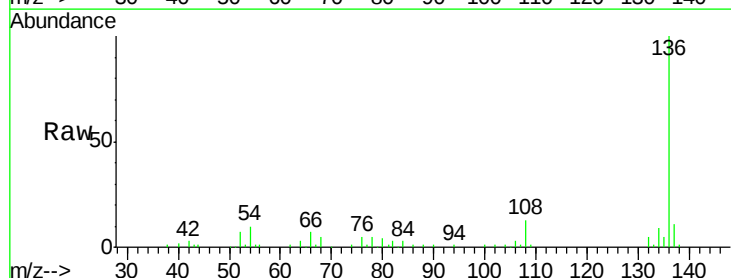
Ion Ratio Lower Upper

136 100

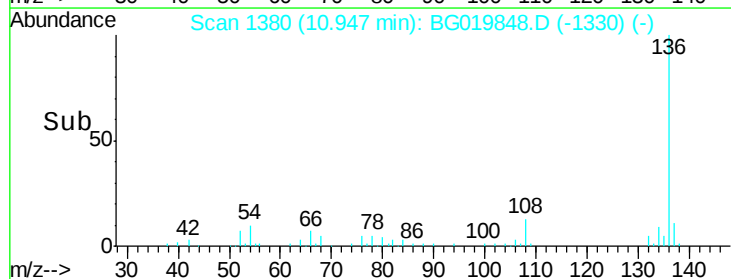
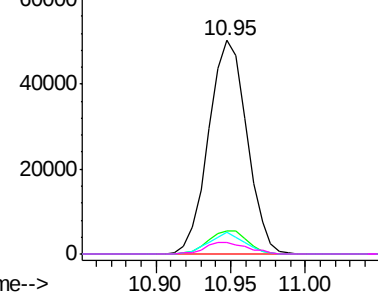
137 11.1 8.6 12.8

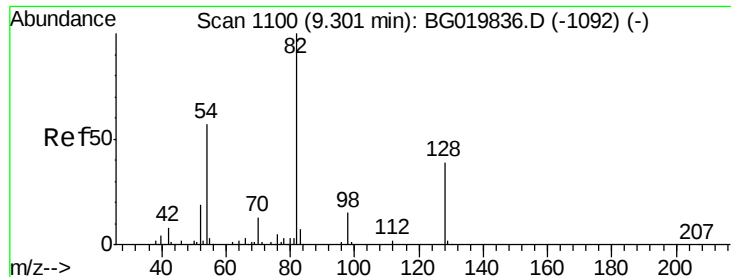
54 9.9 5.4 8.2#

68 5.5 5.3 7.9



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

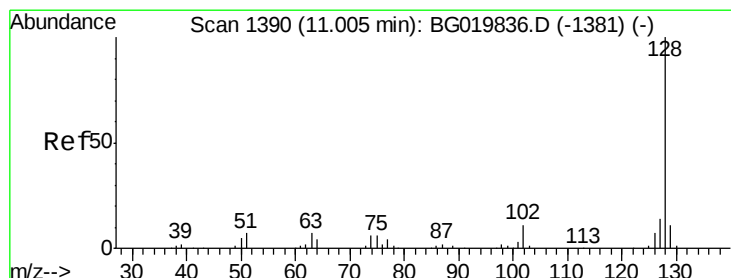
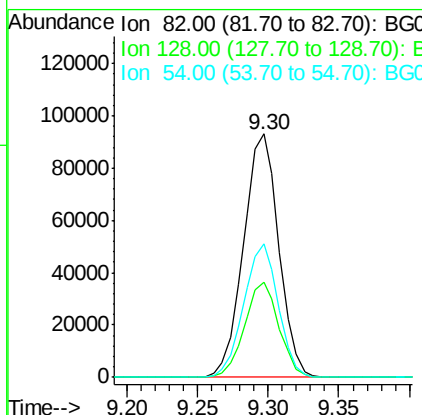
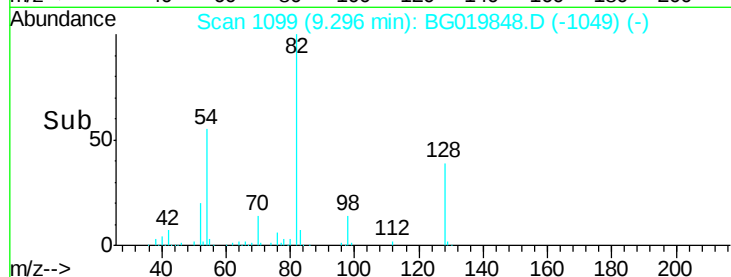
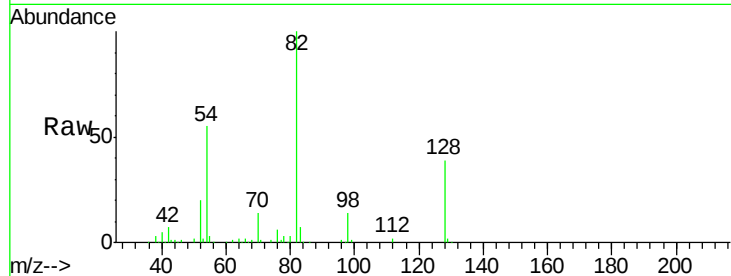




#23
Nitrobenzene-d5
Concen: 93.15 ng
RT: 9.30 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BG019848.D
Acq: 2 Dec 2015 23:52

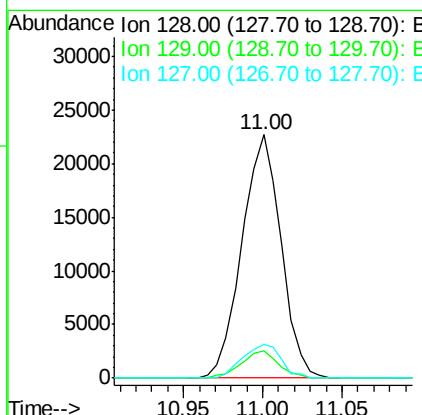
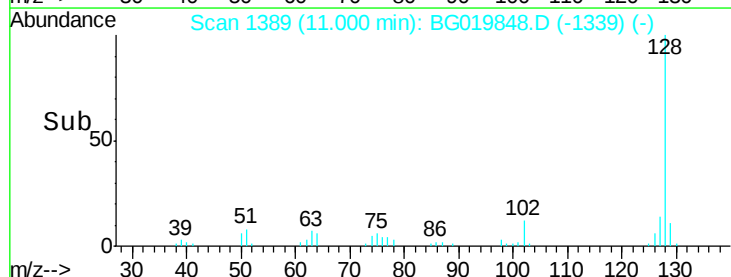
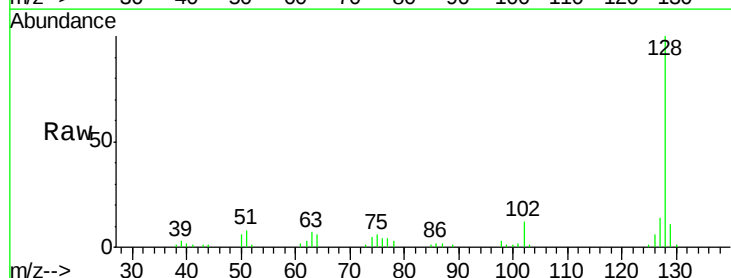
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-16(0-4)

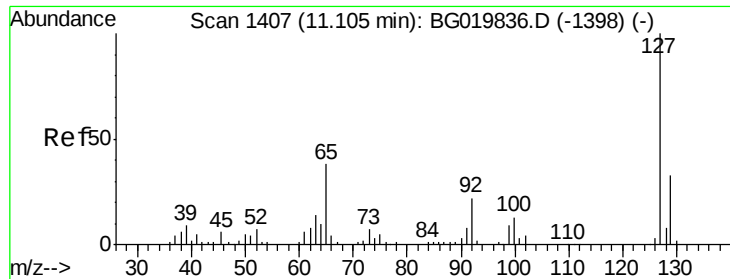
Tgt Ion: 82 Resp: 162702
Ion Ratio Lower Upper
82 100
128 39.0 36.7 55.1
54 55.0 33.8 50.8#



#31
Naphthalene
Concen: 8.10 ng
RT: 11.00 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BG019848.D
Acq: 2 Dec 2015 23:52

Tgt Ion: 128 Resp: 38684
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.9 10.6 16.0

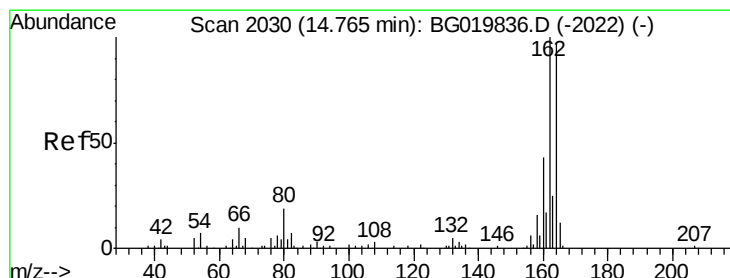
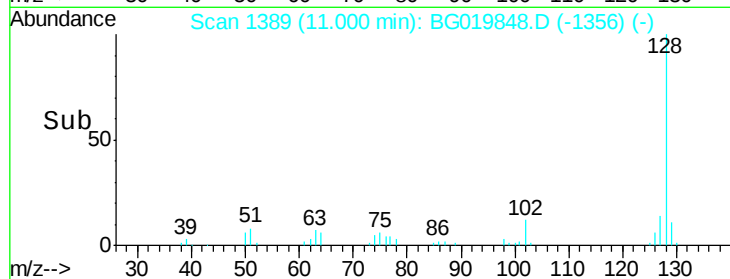
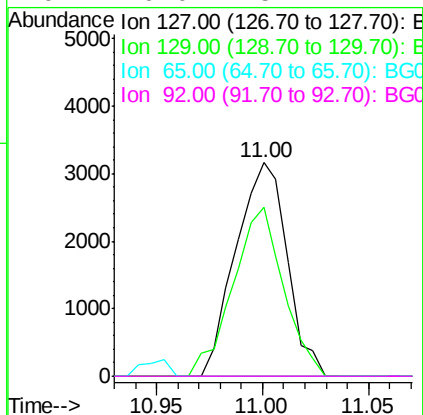
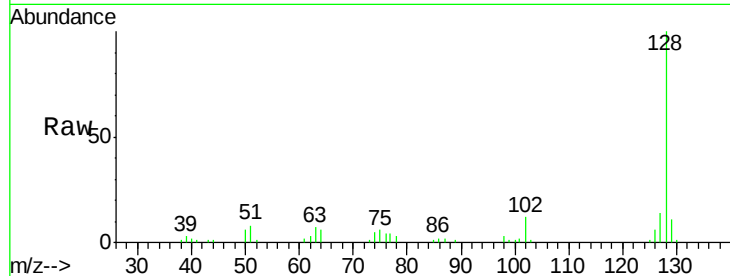




#33
4-Chloroaniline
Concen: 2.52 ng
RT: 11.00 min Scan# 1389
Delta R.T. -0.10 min
Lab File: BG019848.D
Acq: 2 Dec 2015 23:52

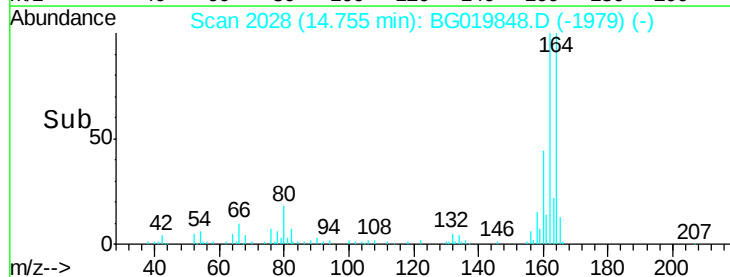
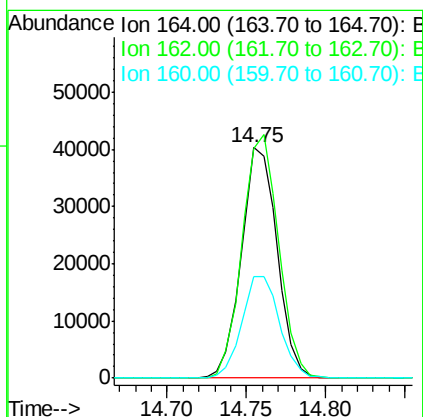
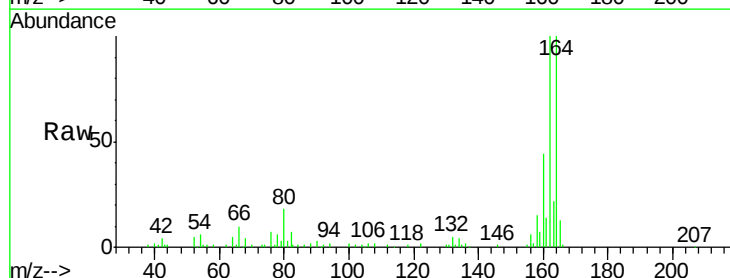
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-16(0-4)

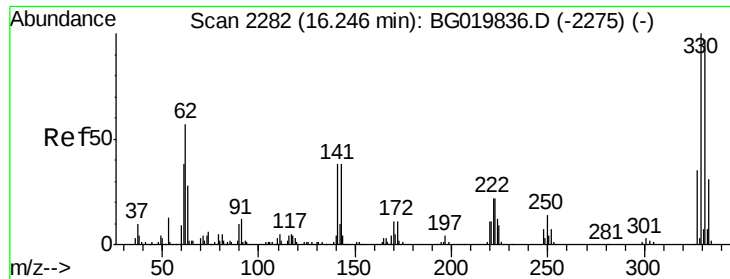
Tgt Ion:127 Resp: 5312
Ion Ratio Lower Upper
127 100
129 79.0 24.6 37.0#
65 0.0 22.6 33.8#
92 0.0 15.1 22.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BG019848.D
Acq: 2 Dec 2015 23:52

Tgt Ion:164 Resp: 62935
Ion Ratio Lower Upper
164 100
162 99.8 78.8 118.2
160 44.3 36.4 54.6

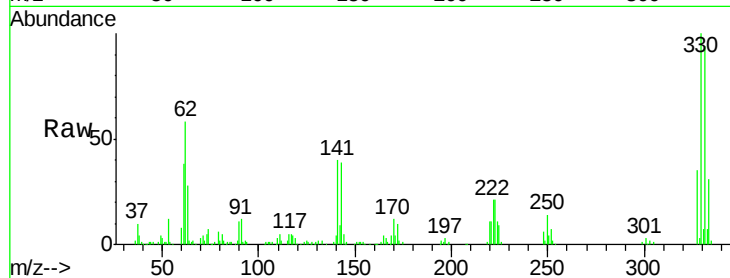




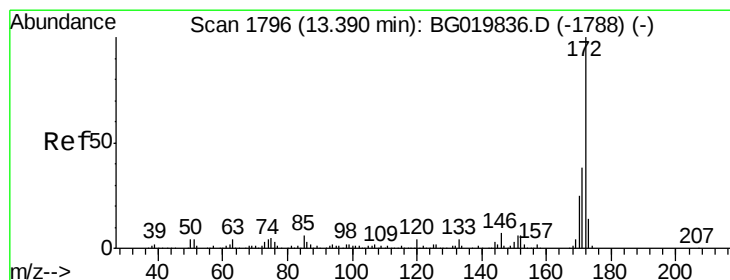
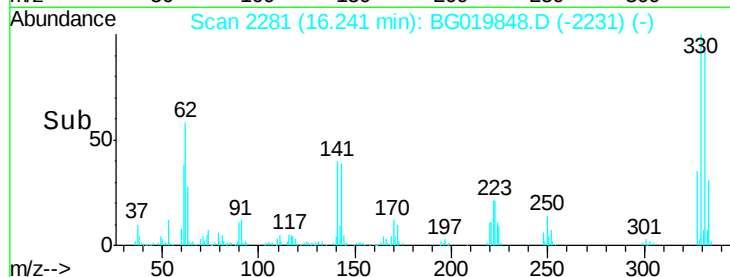
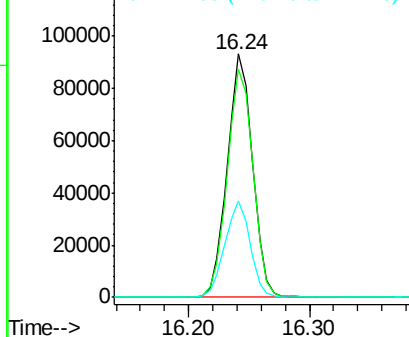
#41
 2,4,6-Tribromophenol
 Concen: 141.12 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BG019848.D
 Acq: 2 Dec 2015 23:52

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-16(0-4)

Tgt Ion:330 Resp: 135893
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.1 117.1
 141 39.5 28.2 42.2

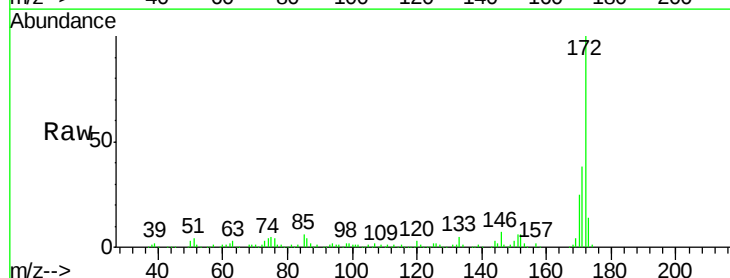


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

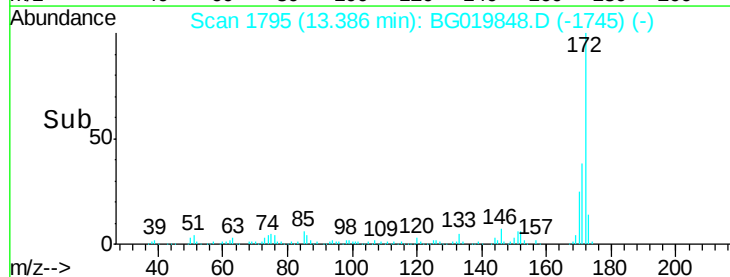
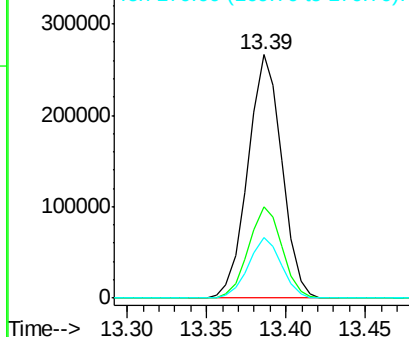


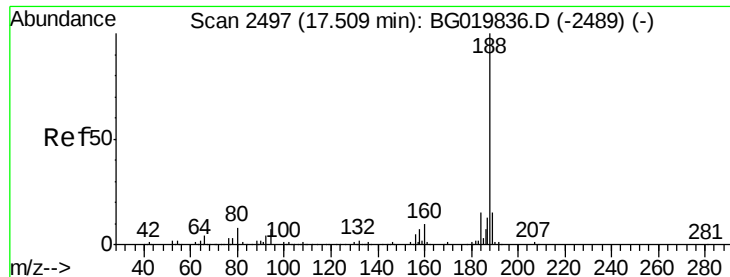
#44
 2-Fluorobiphenyl
 Concen: 85.75 ng
 RT: 13.39 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: BG019848.D
 Acq: 2 Dec 2015 23:52

Tgt Ion:172 Resp: 395252
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.0 43.6
 170 24.6 19.9 29.9



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

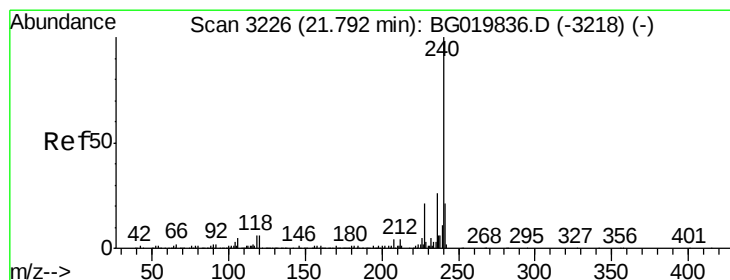
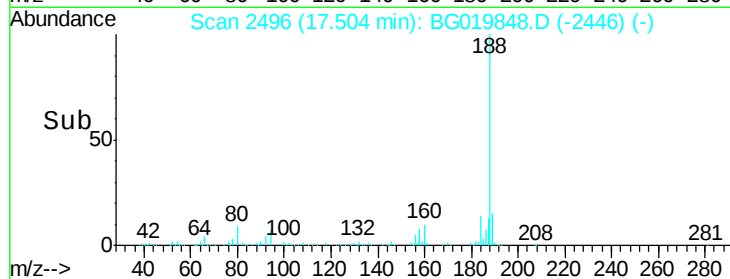
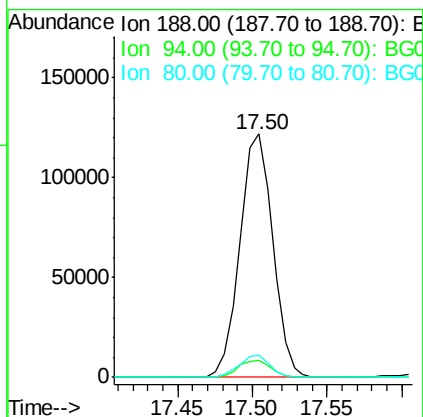
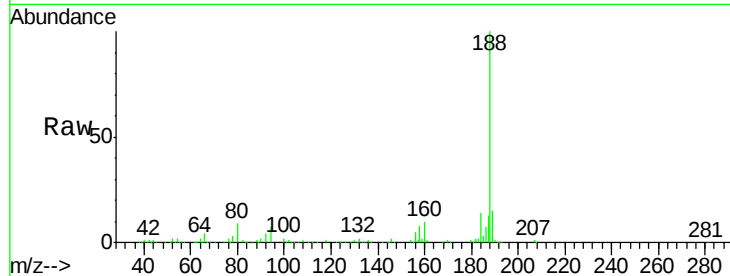




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2496
Delta R.T. -0.00 min
Lab File: BG019848.D
Acq: 2 Dec 2015 23:52

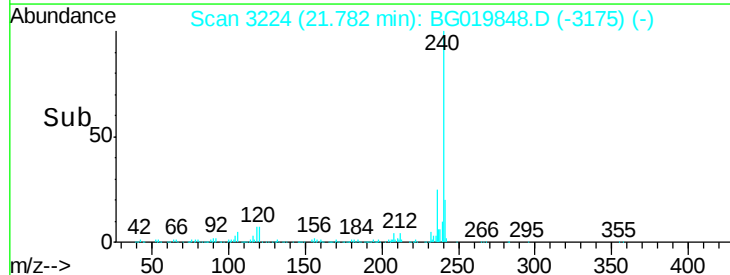
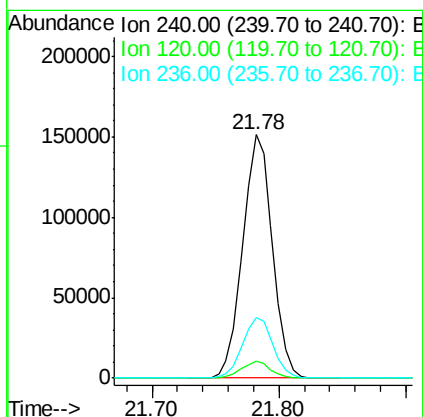
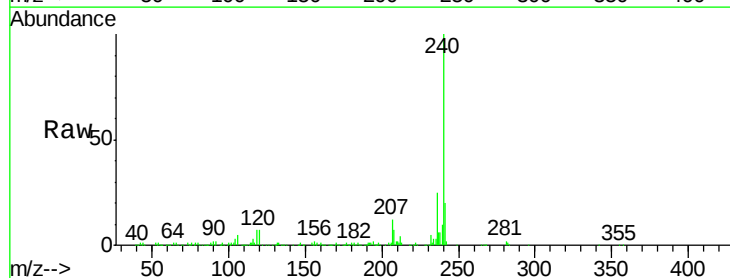
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-16(0-4)

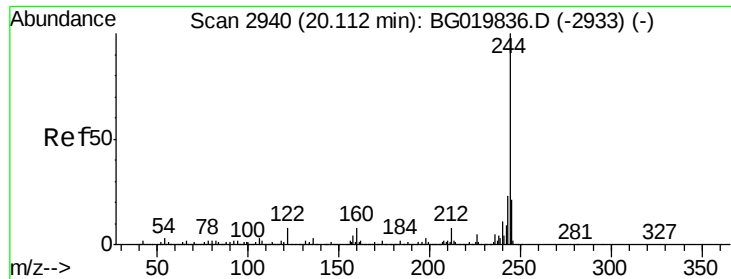
Tgt Ion:188 Resp: 185575
Ion Ratio Lower Upper
188 100
94 7.1 7.7 11.5#
80 8.9 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.78 min Scan# 3224
Delta R.T. -0.01 min
Lab File: BG019848.D
Acq: 2 Dec 2015 23:52

Tgt Ion:240 Resp: 244812
Ion Ratio Lower Upper
240 100
120 6.9 7.4 11.0#
236 25.0 20.7 31.1





#78

Terphenyl-d14

Concen: 85.70 ng

RT: 20.11 min Scan# 2939

Delta R.T. -0.00 min

Lab File: BG019848.D

Acq: 2 Dec 2015 23:52

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-16(0-4)

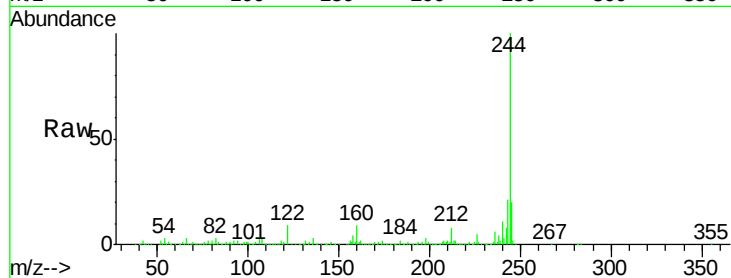
Tgt Ion:244 Resp: 860102

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

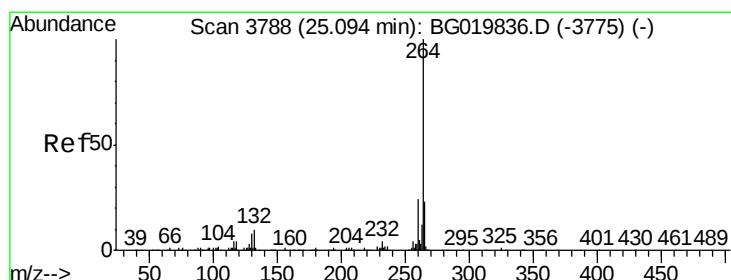
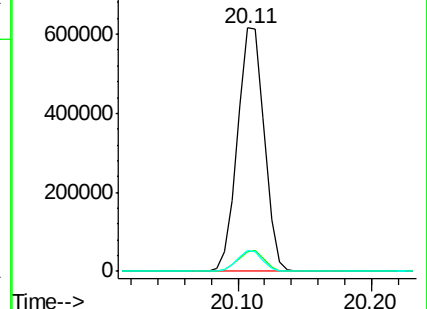
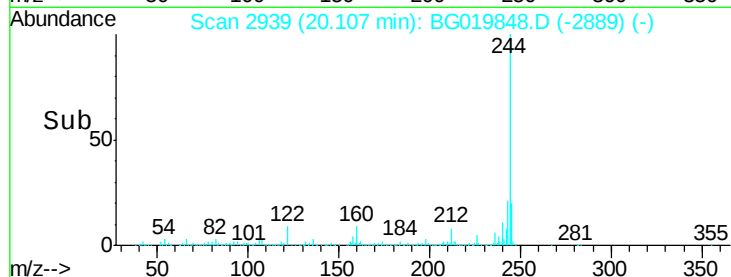
122 8.7 10.2 15.2#



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: 25.09 min Scan# 3787

Delta R.T. -0.00 min

Lab File: BG019848.D

Acq: 2 Dec 2015 23:52

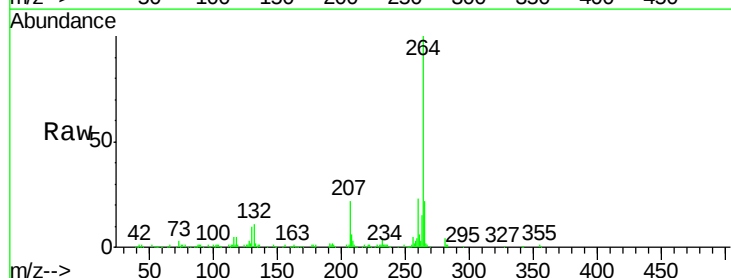
Tgt Ion:264 Resp: 215880

Ion Ratio Lower Upper

264 100

260 22.7 18.5 27.7

265 22.4 17.2 25.8



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

