

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
 Data File : BG033882.D
 Acq On : 20 Apr 2018 12:31
 Operator : SJ/JU
 Sample : J2439-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CDMP-WC1

Quant Time: Apr 21 05:26:03 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

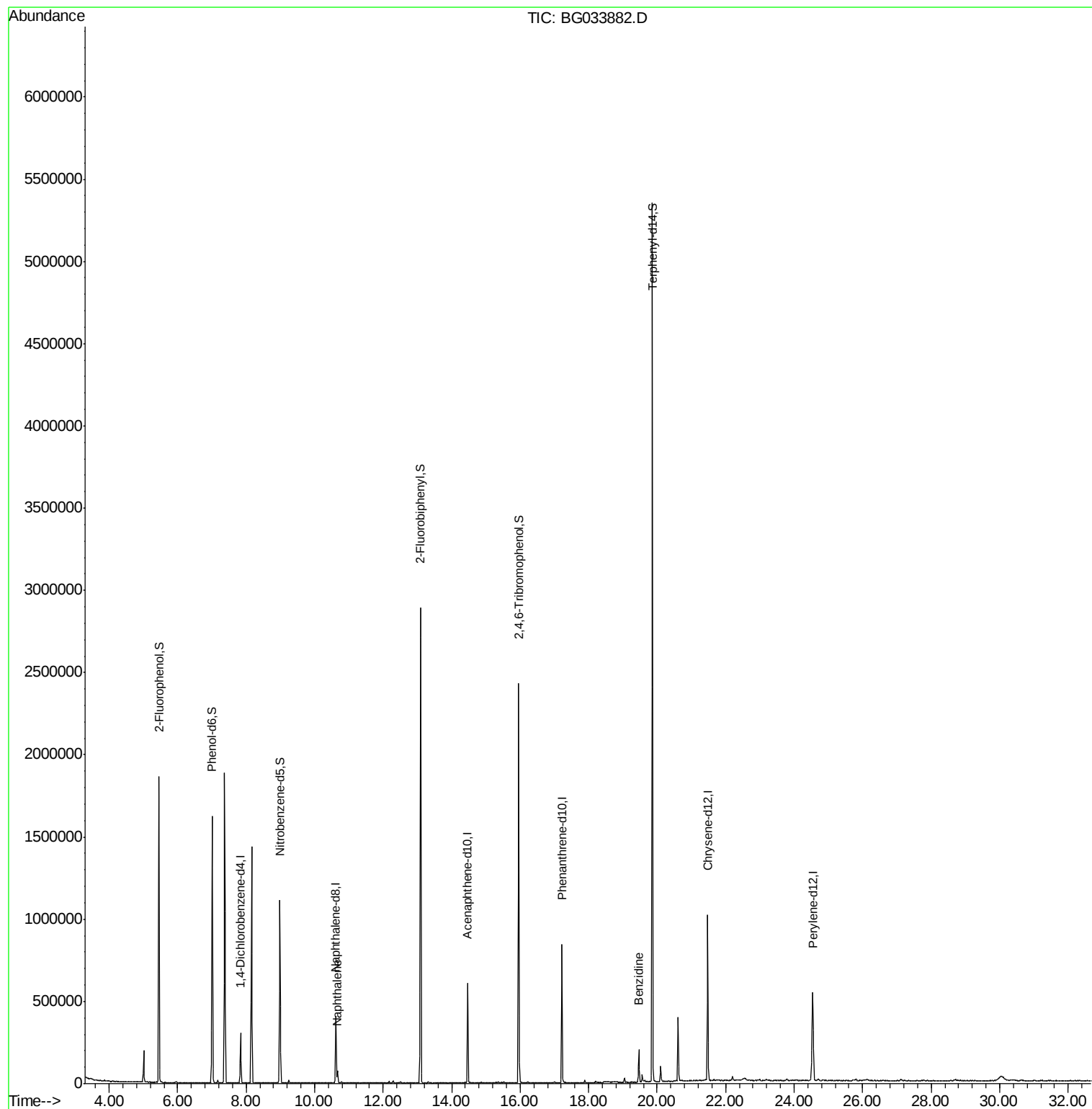
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	82315	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	341025	20.00	ng	-0.01
38) Acenaphthene-d10	14.47	164	207223	20.00	ng	-0.01
63) Phenanthrene-d10	17.22	188	518995	20.00	ng	-0.01
75) Chrysene-d12	21.48	240	553180	20.00	ng	-0.02
86) Perylene-d12	24.54	264	557400	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	749134	145.30	ng	0.00
7) Phenol-d6	7.01	99	892613	118.70	ng	0.00
23) Nitrobenzene-d5	8.98	82	673255	112.35	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	421980	174.55	ng	-0.01
44) 2-Fluorobiphenyl	13.09	172	1488668	105.53	ng	-0.01
78) Terphenyl-d14	19.86	244	2411430	97.93	ng	0.00
Target Compounds						
31) Naphthalene	10.67	128	57366	3.271	ng	98
76) Benzidine	19.47	184	113150	7.575	ng	97

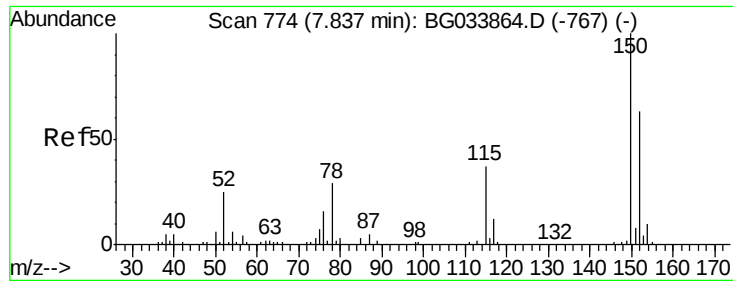
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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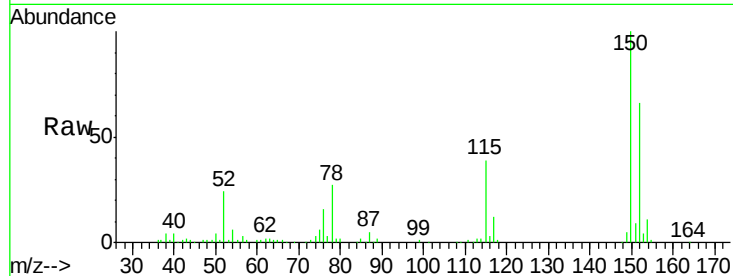


#1

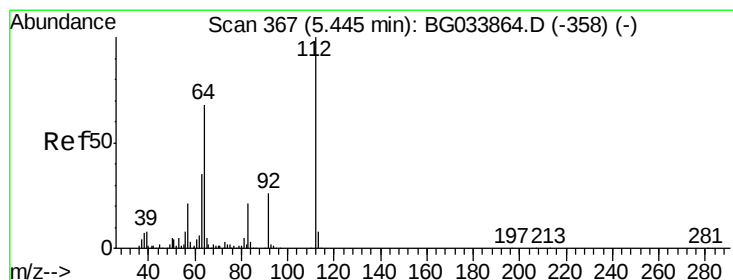
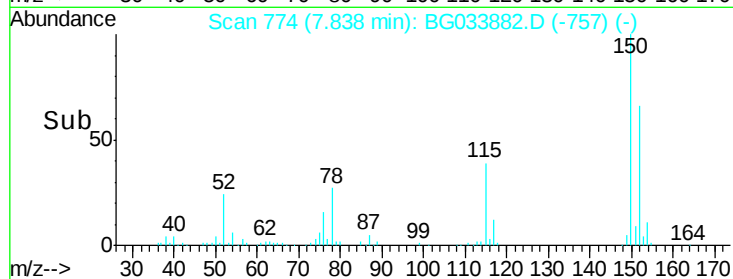
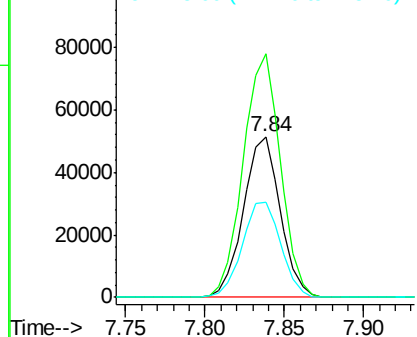
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.84 min Scan# 774
Delta R.T. 0.00 min
Lab File: BG033882.D
Acq: 20 Apr 2018 12:31

Instrument :
BNA_G
ClientSampleId :
CDMP-WC1

Tot Ion:152 Resp: 82315
Ion Ratio Lower Upper
152 100
150 151.7 126.6 189.8
115 59.2 53.0 79.4



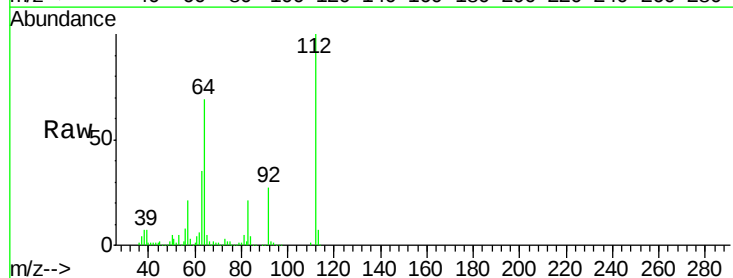
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



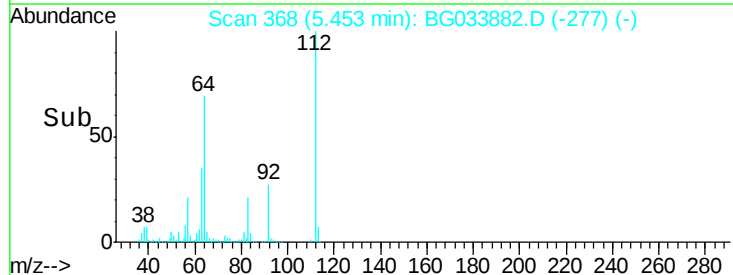
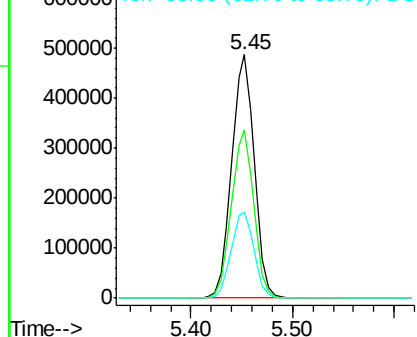
#5

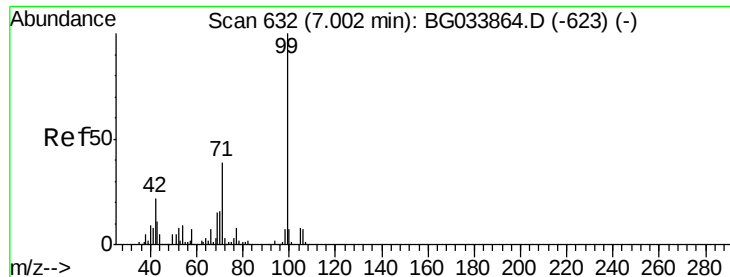
2-Fluorophenol
Concen: 145.298 ng
RT: 5.45 min Scan# 368
Delta R.T. 0.01 min
Lab File: BG033882.D
Acq: 20 Apr 2018 12:31

Tgt Ion:112 Resp: 749134
Ion Ratio Lower Upper
112 100
64 68.9 56.3 84.5
63 35.4 30.1 45.1



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: 118.697 ng

RT: 7.01 min Scan# 633

Delta R.T. 0.01 min

Lab File: BG033882.D

Acq: 20 Apr 2018 12:31

Instrument :

BNA_G

ClientSampleId :

CDMP-WC1

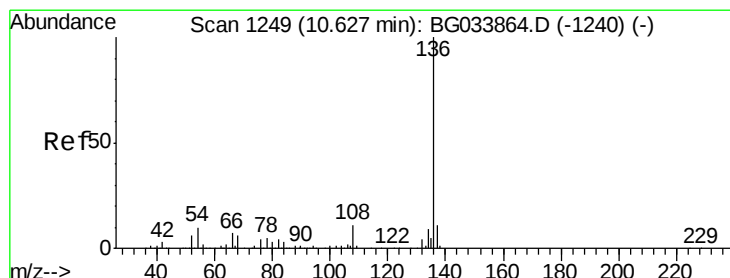
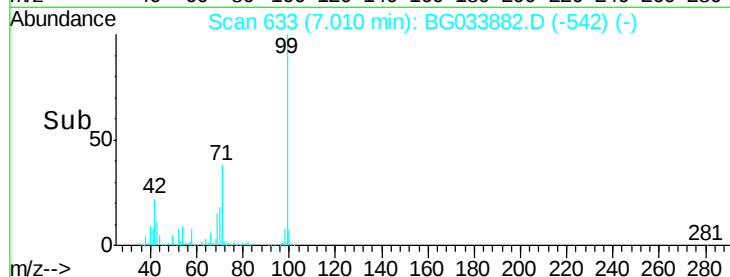
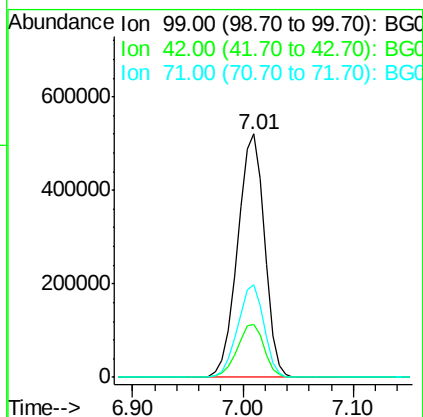
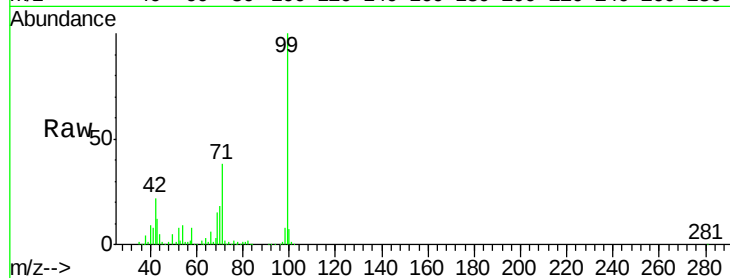
Tot Ion: 99 Resp: 892613

Ion Ratio Lower Upper

99 100

42 21.6 14.1 21.1#

71 38.0 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BG033882.D

Acq: 20 Apr 2018 12:31

Tgt Ion: 136 Resp: 341025

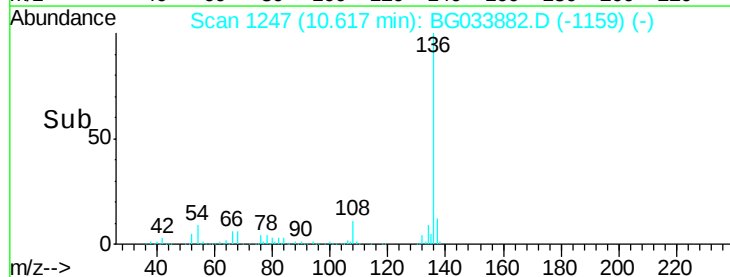
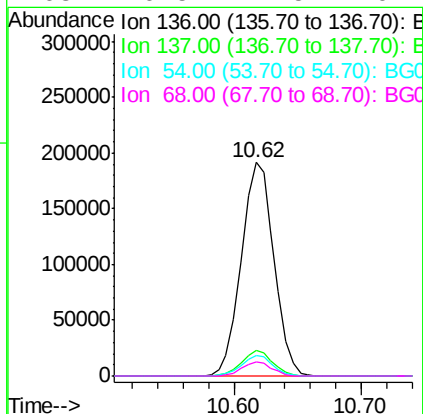
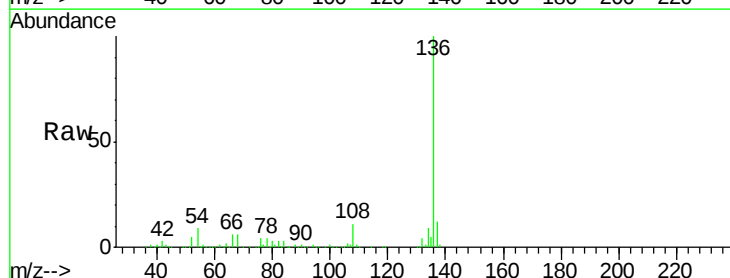
Ion Ratio Lower Upper

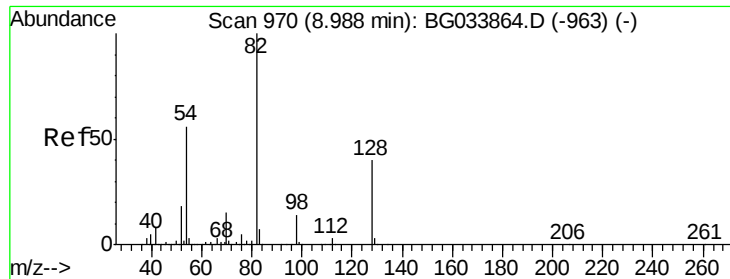
136 100

137 12.0 9.2 13.8

54 9.4 10.3 15.5#

68 6.5 4.5 6.7

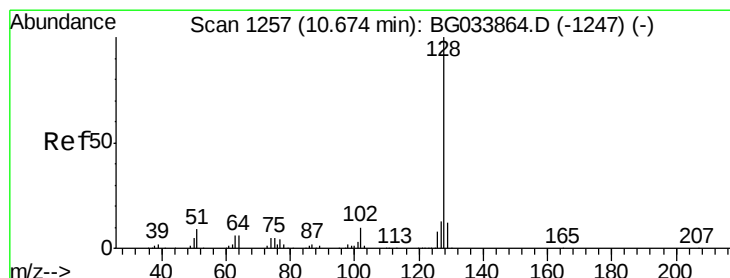
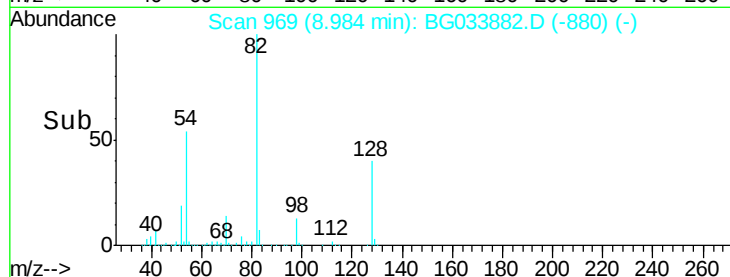
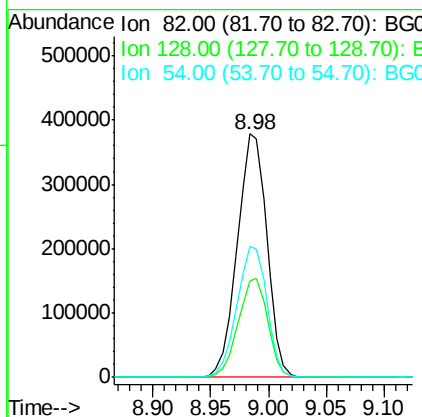
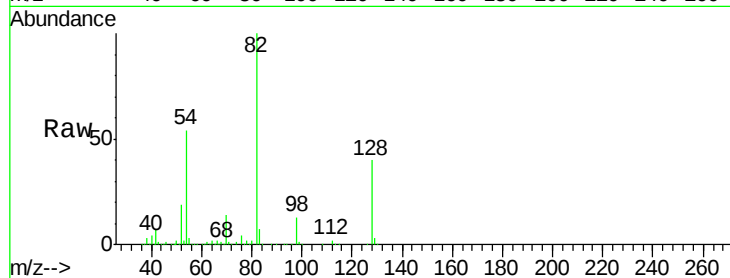




#23
 Nitrobenzene-d5
 Concen: 112.352 ng
 RT: 8.98 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: BG033882.D
 Acq: 20 Apr 2018 12:31

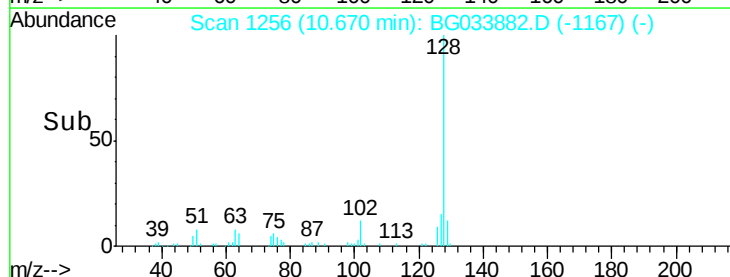
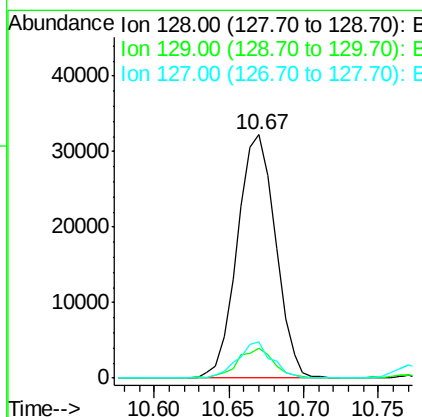
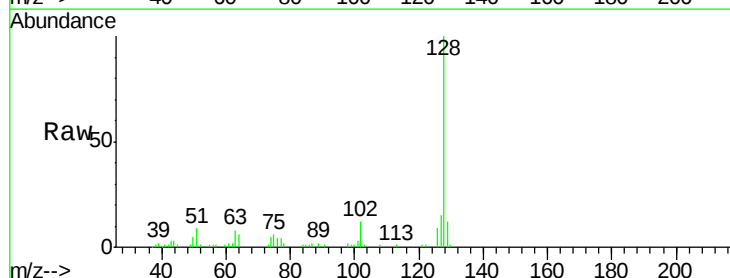
Instrument :
 BNA_G
 ClientSampleId :
 CDMP-WC1

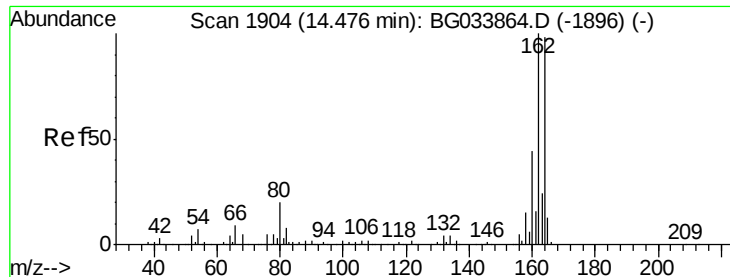
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.8	29.7	44.5
54	53.9	43.1	64.7



#31
 Naphthalene
 Concen: 3.271 ng
 RT: 10.67 min Scan# 1256
 Delta R.T. -0.00 min
 Lab File: BG033882.D
 Acq: 20 Apr 2018 12:31

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.6	12.8
127	15.0	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.47 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BG033882.D

Acq: 20 Apr 2018 12:31

Instrument :

BNA_G

ClientSampleId :

CDMP-WC1

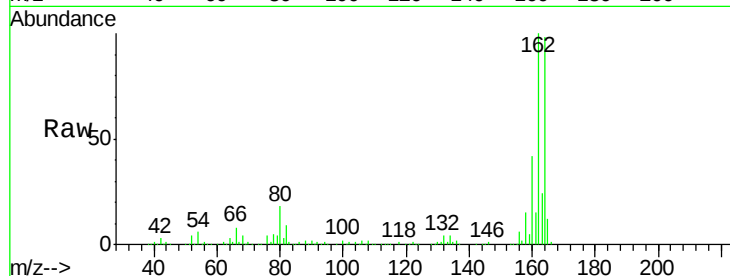
Tot Ion:164 Resp: 207223

Ion Ratio Lower Upper

164 100

162 102.3 78.8 118.2

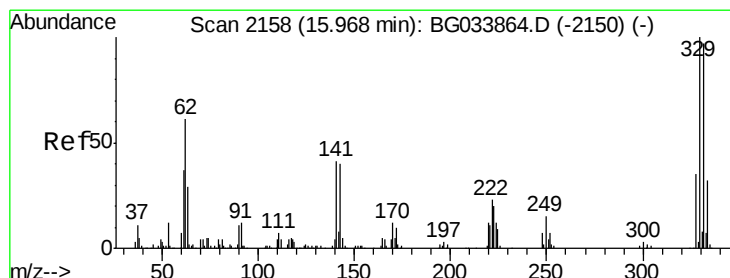
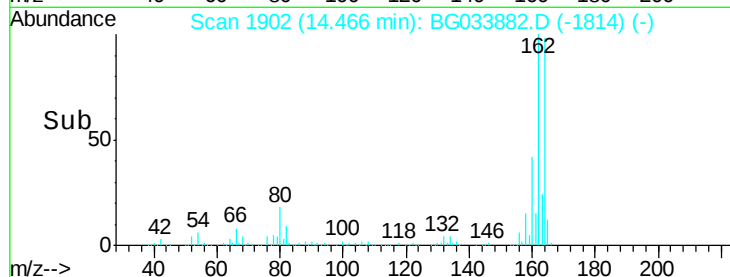
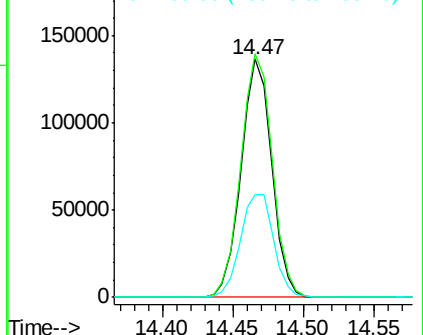
160 43.0 35.4 53.0



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: 174.546 ng

RT: 15.96 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BG033882.D

Acq: 20 Apr 2018 12:31

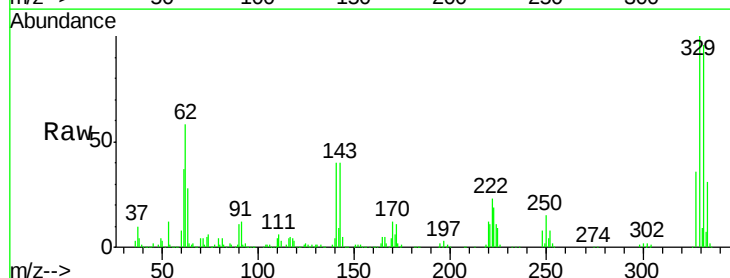
Tgt Ion:330 Resp: 421980

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

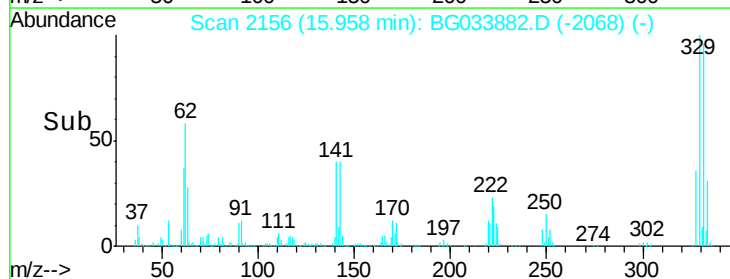
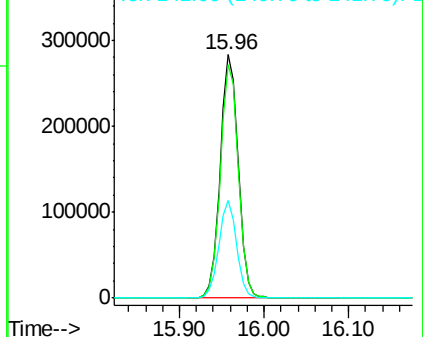
141 39.8 25.2 37.8#

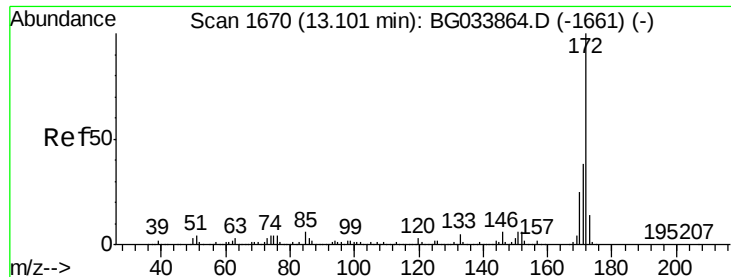


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



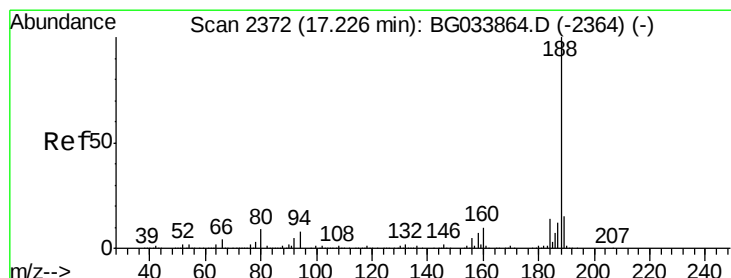
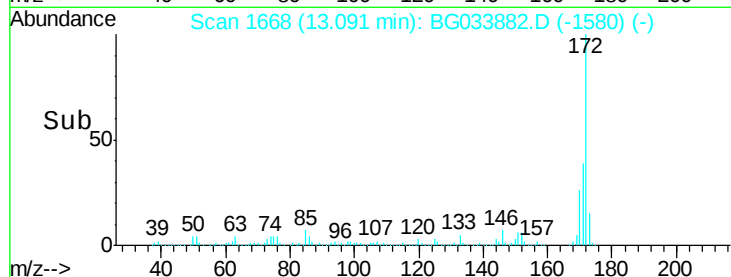
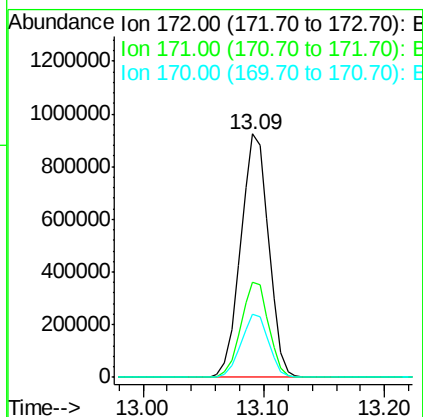
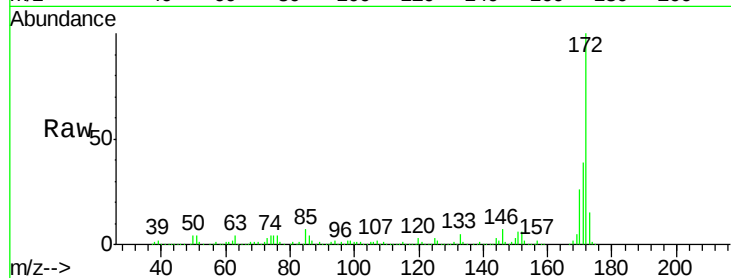


#44
 2-Fluorobiphenyl
 Concen: 105.533 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BG033882.D
 Acq: 20 Apr 2018 12:31

Instrument :
 BNA_G
 ClientSampleId :
 CDMF-WC1

Tot Ion:172 Resp: 1488668

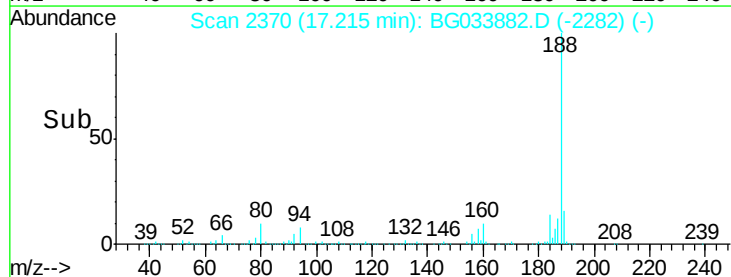
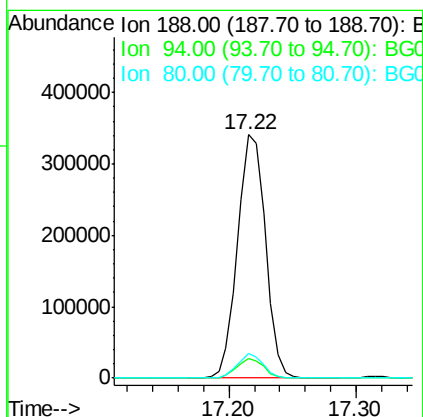
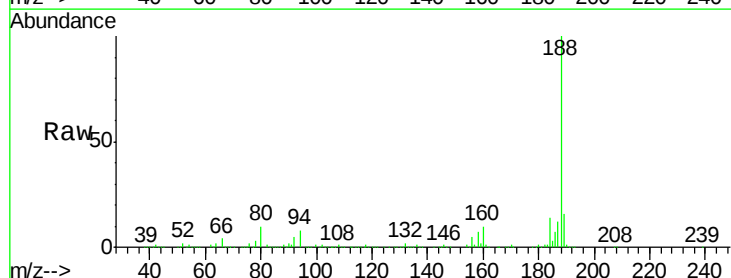
Ion	Ratio	Lower	Upper
172	100		
171	39.3	30.0	45.0
170	26.0	19.5	29.3

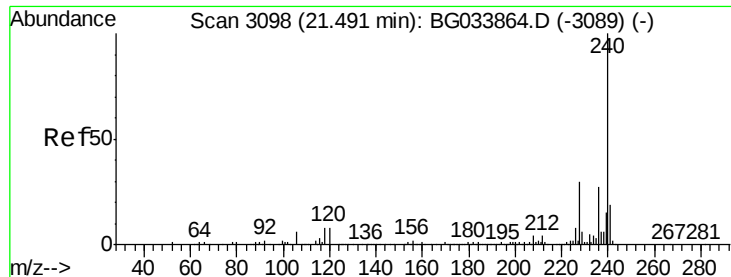


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.22 min Scan# 2370
 Delta R.T. -0.01 min
 Lab File: BG033882.D
 Acq: 20 Apr 2018 12:31

Tgt Ion:188 Resp: 518995

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	10.1	7.7	11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.48 min Scan# 3095

Delta R.T. -0.02 min

Lab File: BG033882.D

Acq: 20 Apr 2018 12:31

Instrument :

BNA_G

ClientSampleId :

CDMP-WC1

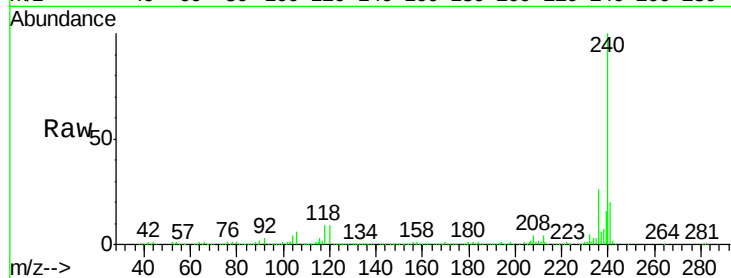
Tot Ion:240 Resp: 553180

Ion Ratio Lower Upper

240 100

120 9.1 6.8 10.2

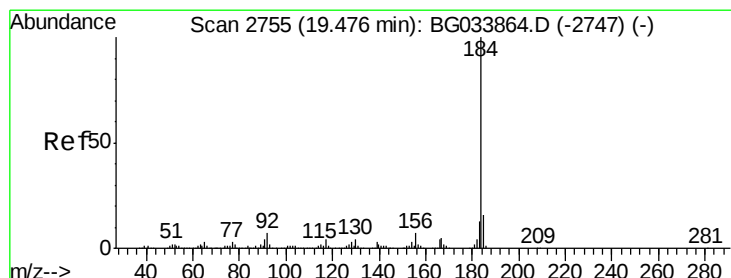
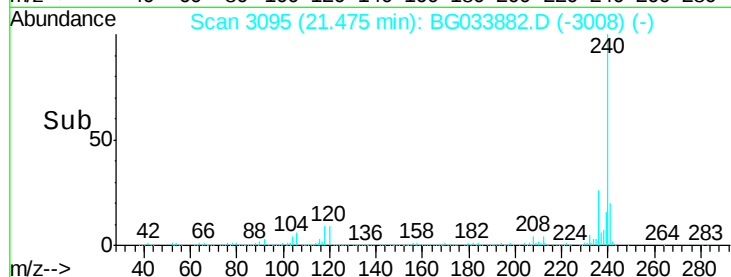
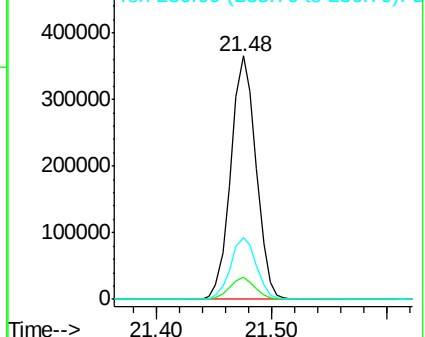
236 25.6 20.9 31.3



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



#76

Benzidine

Concen: 7.575 ng

RT: 19.47 min Scan# 2753

Delta R.T. -0.01 min

Lab File: BG033882.D

Acq: 20 Apr 2018 12:31

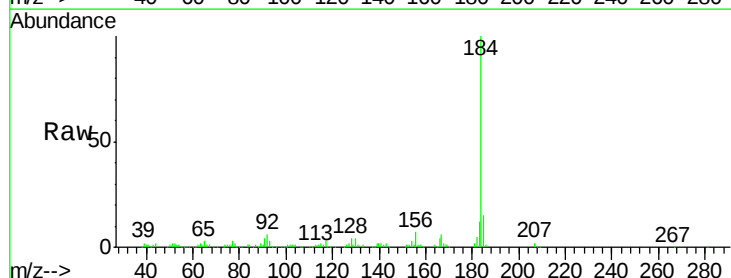
Tgt Ion:184 Resp: 113150

Ion Ratio Lower Upper

184 100

185 15.0 11.1 16.7

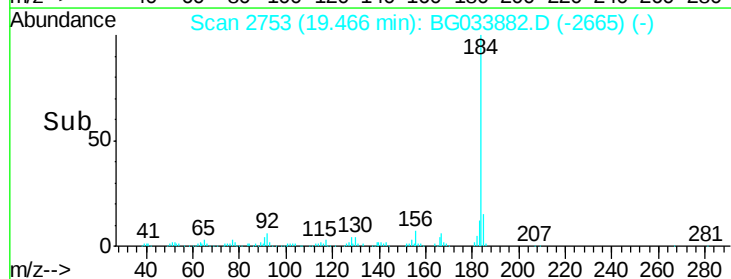
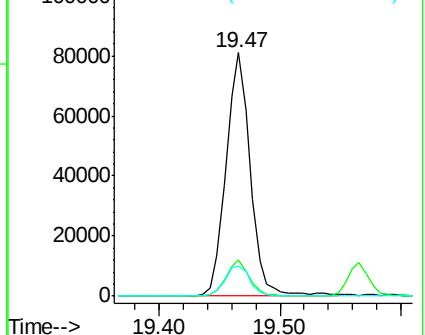
183 12.2 10.6 16.0

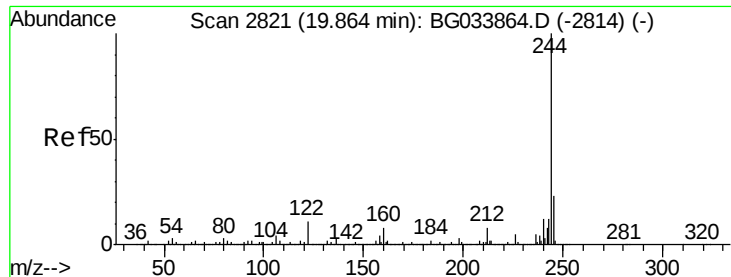


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 97.935 ng

RT: 19.86 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BG033882.D

Acq: 20 Apr 2018 12:31

Instrument :

BNA_G

ClientSampleId :

CDMP-WC1

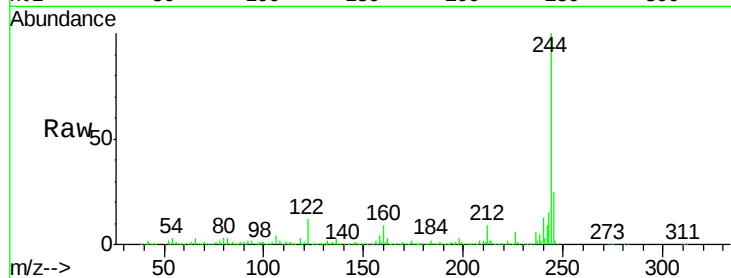
Tot Ion:244 Resp: 2411430

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

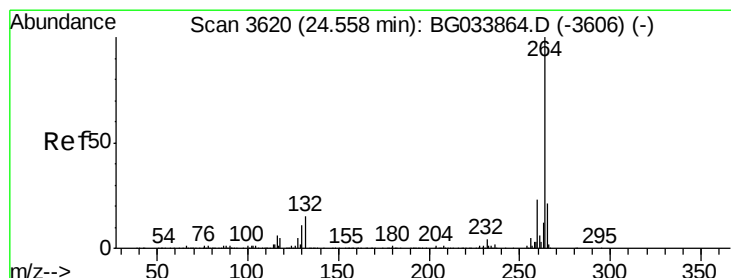
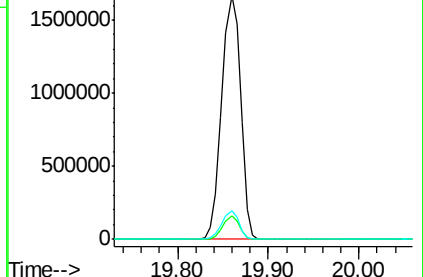
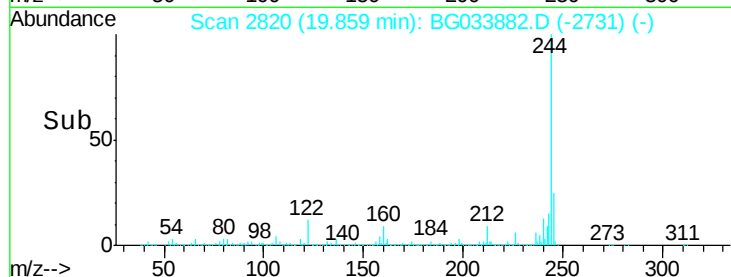
122 11.6 7.0 10.4#



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: 24.54 min Scan# 3617

Delta R.T. -0.02 min

Lab File: BG033882.D

Acq: 20 Apr 2018 12:31

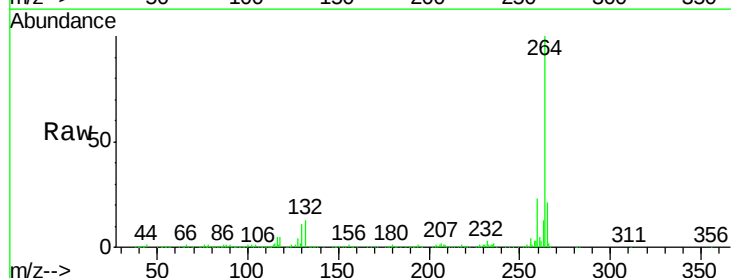
Tgt Ion:264 Resp: 557400

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 21.3 17.7 26.5



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

