

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100317\
 Data File : BG029014.D
 Acq On : 3 Oct 2017 20:40
 Operator : SJ/JU
 Sample : PB102887BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 04 05:21:52 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

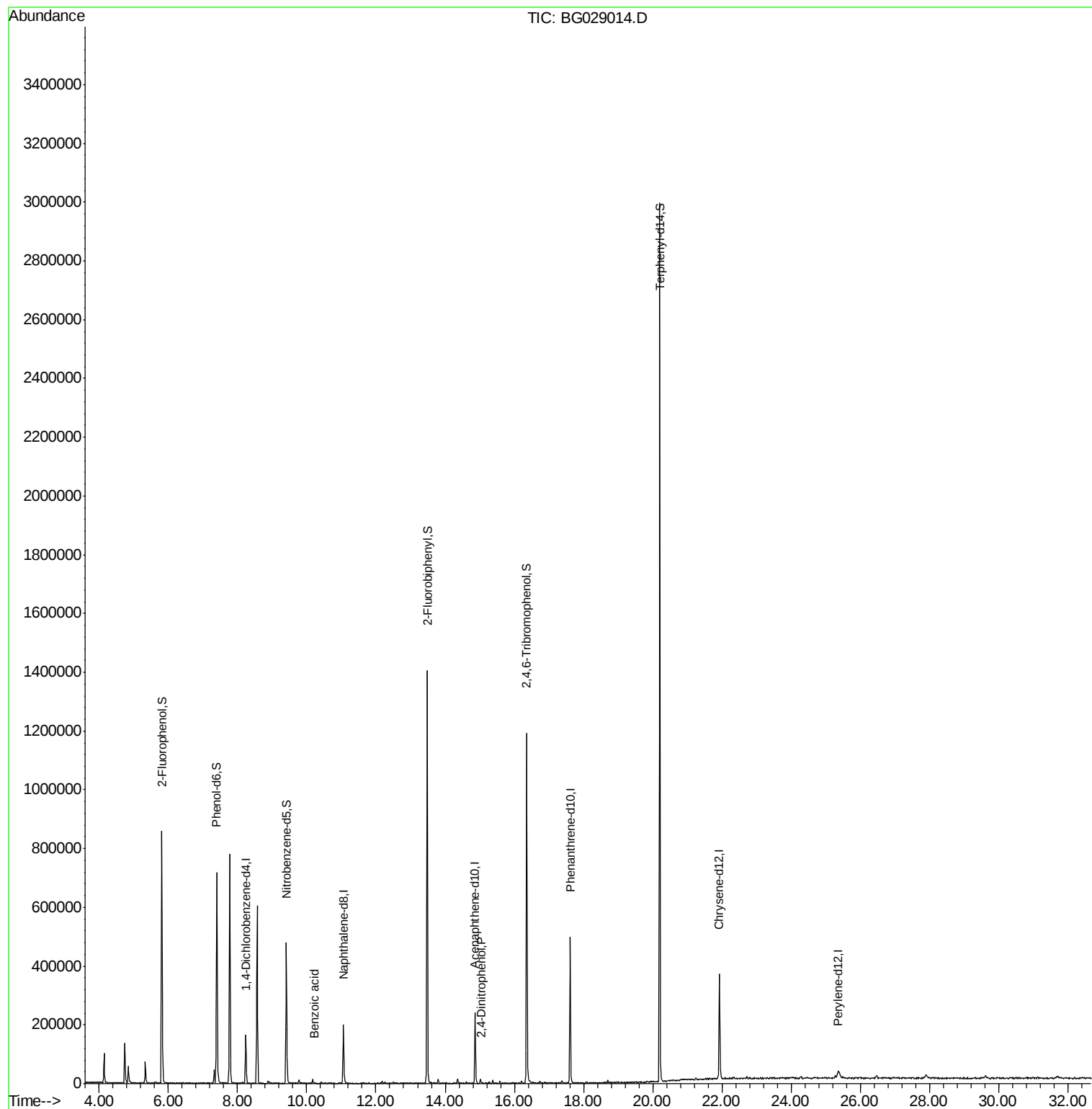
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	44352	20.00	ng	-0.09
21) Naphthalene-d8	11.06	136	178788	20.00	ng	-0.09
38) Acenaphthene-d10	14.86	164	72756	20.00	ng	-0.08
63) Phenanthrene-d10	17.61	188	302311	20.00	ng	-0.08
75) Chrysene-d12	21.93	240	186634	20.00	ng	-0.11
86) Perylene-d12	25.35	264	15854	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	359349	133.69	ng	-0.09
7) Phenol-d6	7.40	99	389248	96.18	ng	-0.09
23) Nitrobenzene-d5	9.41	82	306068	81.89	ng	-0.09
41) 2,4,6-Tribromophenol	16.36	330	255577	212.39	ng	-0.08
44) 2-Fluorobiphenyl	13.48	172	771682	141.43	ng	-0.08
78) Terphenyl-d14	20.20	244	1298148	148.33	ng	-0.08
Target Compounds						
32) Benzoic acid	10.22	122	57	6.11	ng	# 1
53) 2,4-Dinitrophenol	15.04	184	114	8.14	ng	# 15

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100317\
Data File : BG029014.D
Acq On : 3 Oct 2017 20:40
Operator : SJ/JU
Sample : PB102887BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 04 05:21:52 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration



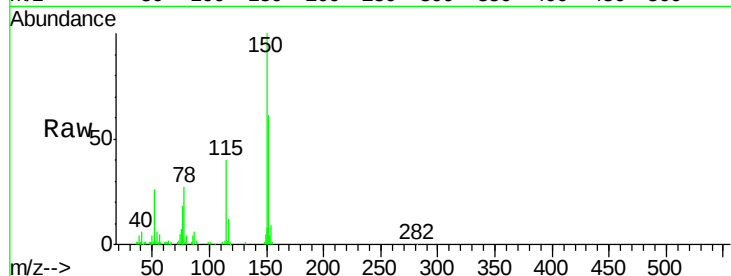


#1

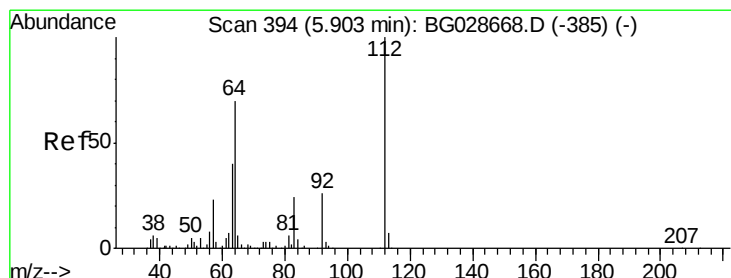
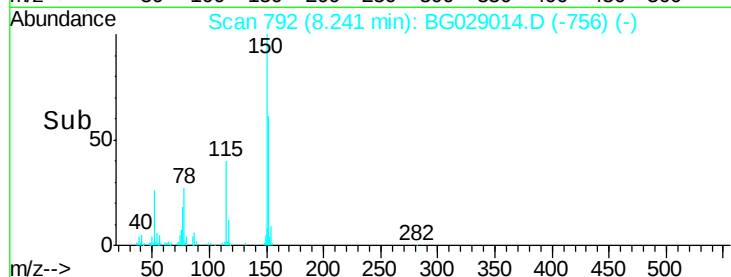
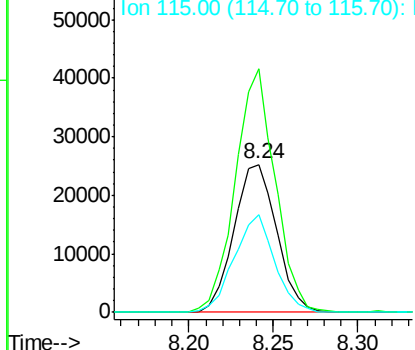
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.24 min Scan# 792
Delta R.T. -0.09 min
Lab File: BG029014.D
Acq: 3 Oct 2017 20:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 44352
Ion Ratio Lower Upper
152 100
150 165.0 114.0 171.0
115 66.1 48.1 72.1



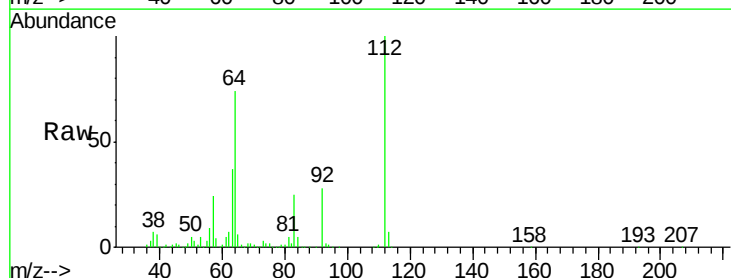
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



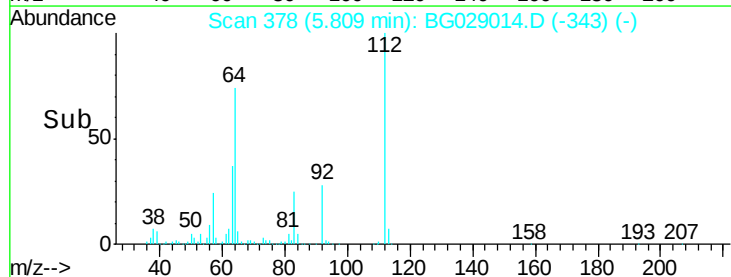
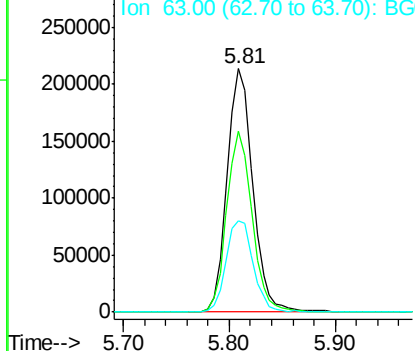
#5

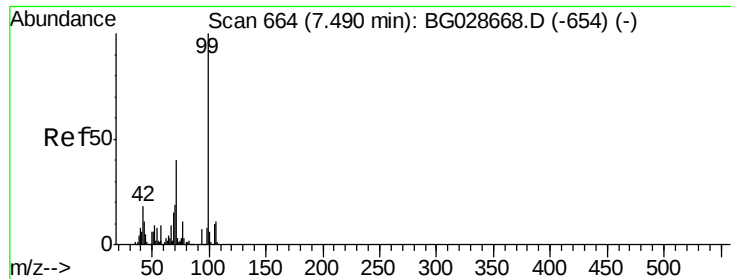
2-Fluorophenol
Concen: 133.69 ng
RT: 5.81 min Scan# 378
Delta R.T. -0.09 min
Lab File: BG029014.D
Acq: 3 Oct 2017 20:40

Tgt Ion:112 Resp: 359349
Ion Ratio Lower Upper
112 100
64 74.2 61.8 92.6
63 37.3 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: 96.18 ng

RT: 7.40 min Scan# 649

Delta R.T. -0.09 min

Lab File: BG029014.D

Acq: 3 Oct 2017 20:40

Instrument :

BNA_G

ClientSampled :

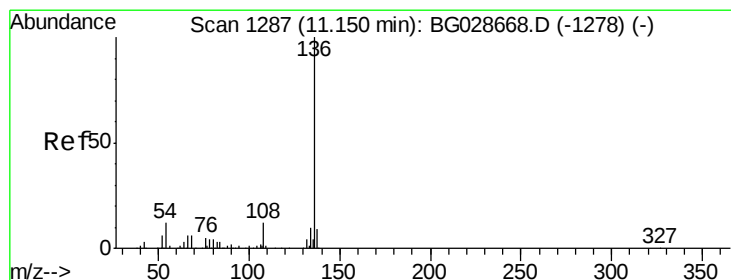
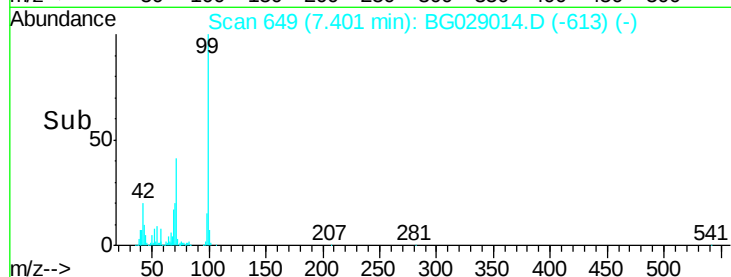
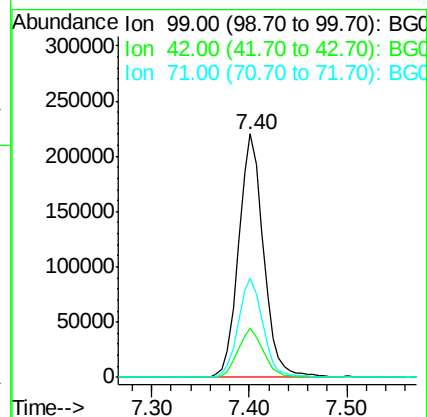
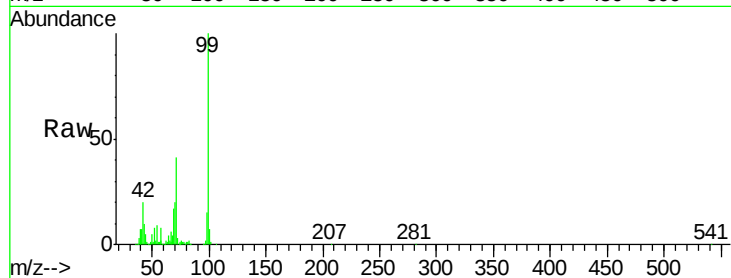
Tot Ion: 99 Resp: 389248

Ion Ratio Lower Upper

99 100

42 20.4 20.5 30.7#

71 40.5 37.6 56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.06 min Scan# 1272

Delta R.T. -0.09 min

Lab File: BG029014.D

Acq: 3 Oct 2017 20:40

Tgt Ion: 136 Resp: 178788

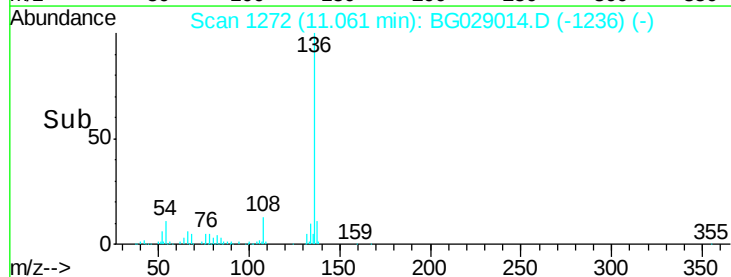
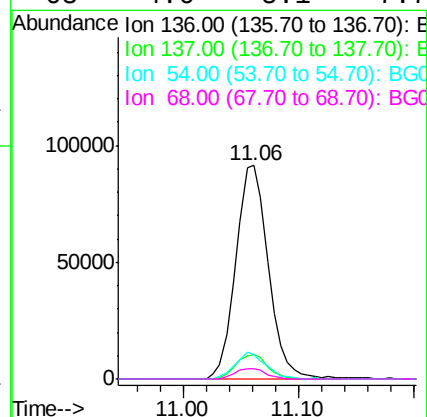
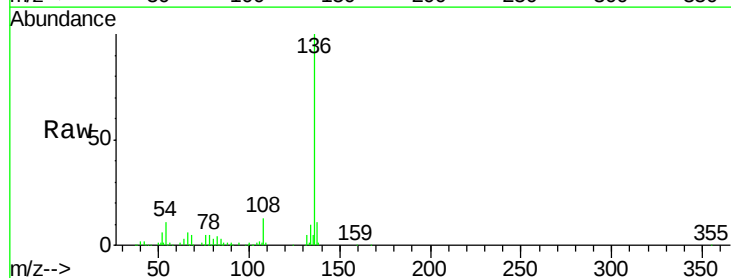
Ion Ratio Lower Upper

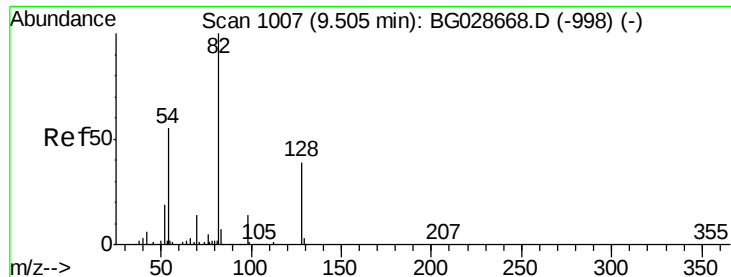
136 100

137 11.3 8.9 13.3

54 11.3 9.3 13.9

68 4.6 5.1 7.7#

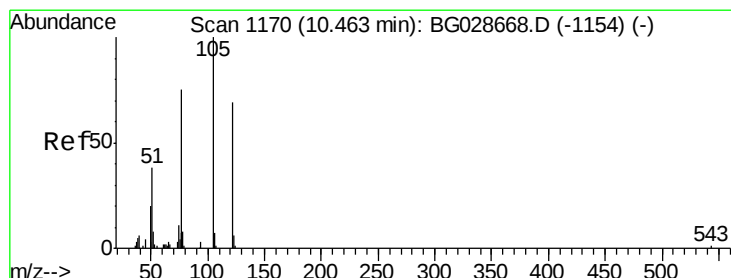
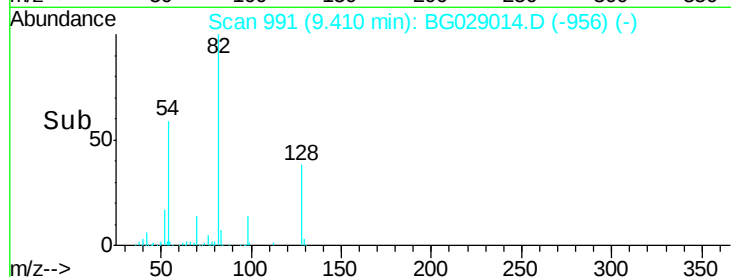
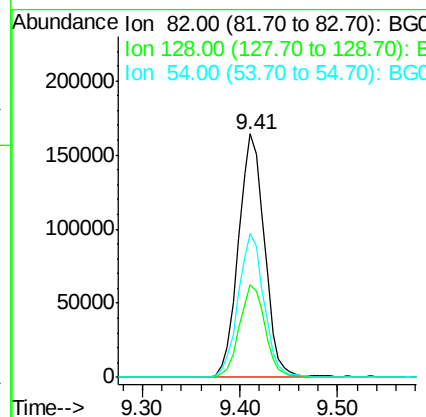
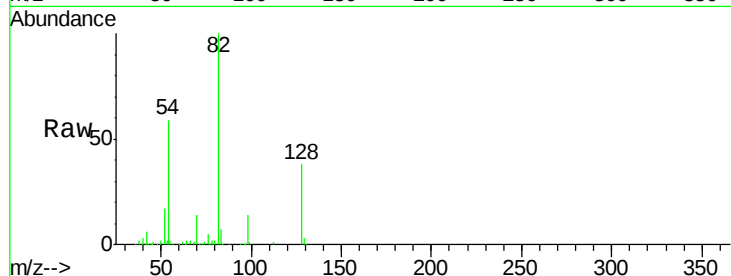




#23
 Nitrobenzene-d5
 Concen: 81.89 ng
 RT: 9.41 min Scan# 991
 Delta R.T. -0.09 min
 Lab File: BG029014.D
 Acq: 3 Oct 2017 20:40

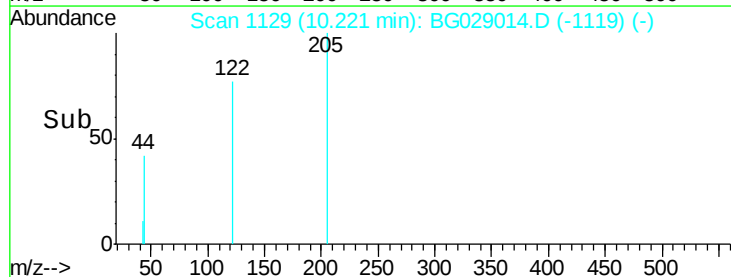
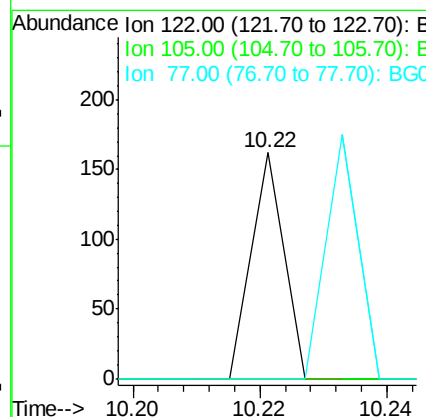
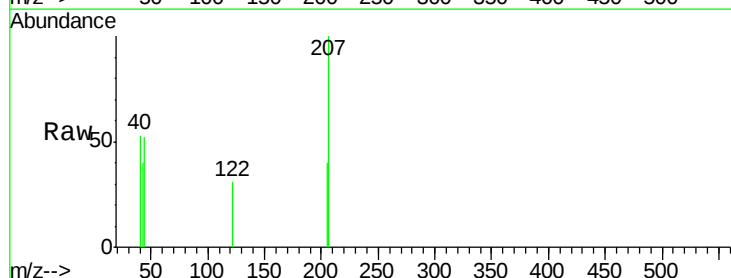
Instrument :
 BNA_G
 ClientSampleId :

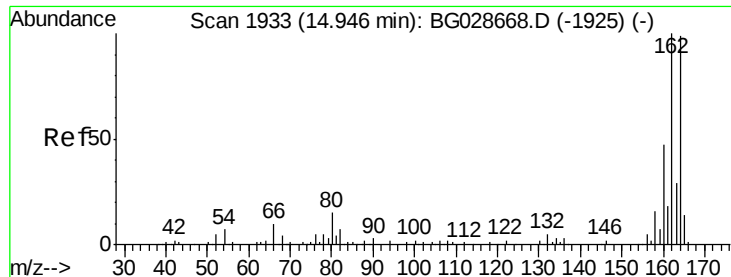
Tot Ion	82	Resp	306068
Ion Ratio	Lower	Upper	
82	100		
128	37.9	26.4	39.6
54	58.8	49.4	74.2



#32
 Benzoic acid
 Concen: 6.11 ng
 RT: 10.22 min Scan# 1129
 Delta R.T. -0.24 min
 Lab File: BG029014.D
 Acq: 3 Oct 2017 20:40

Tgt Ion	122	Resp	57
Ion Ratio	Lower	Upper	
122	100		
105	0.0	120.1	160.1#
77	0.0	104.6	144.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.86 min Scan# 1919

Delta R.T. -0.08 min

Lab File: BG029014.D

Acq: 3 Oct 2017 20:40

Instrument :

BNA_G

ClientSampleId :

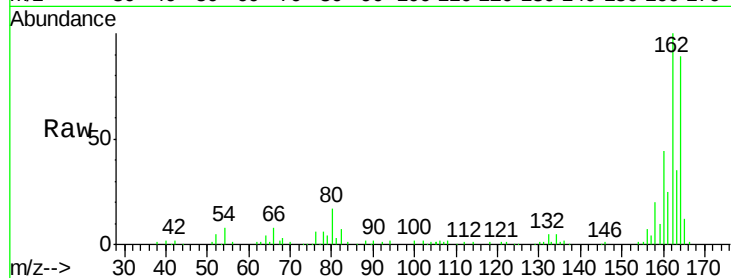
Tot Ion:164 Resp: 72756

Ion Ratio Lower Upper

164 100

162 112.1 85.1 127.7

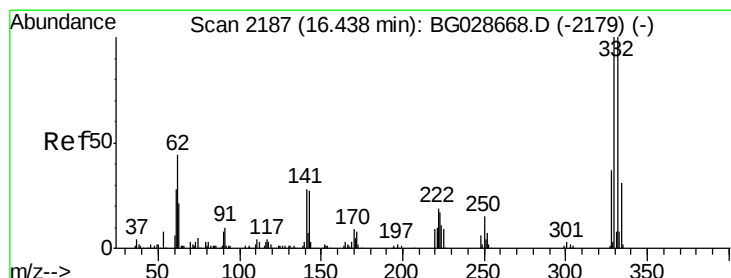
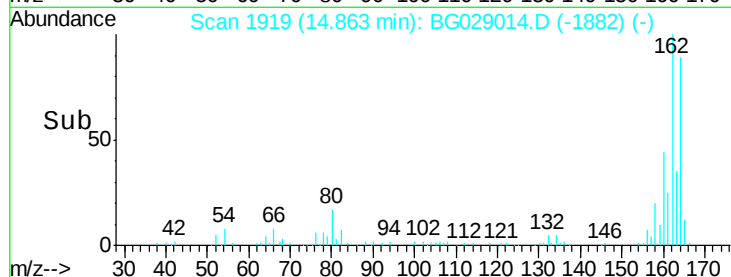
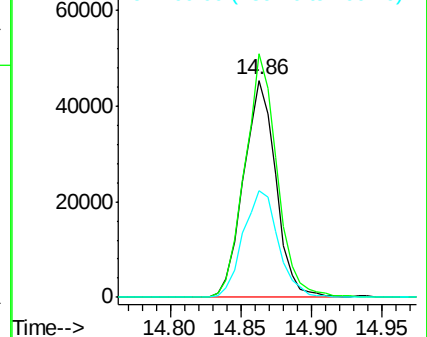
160 49.2 34.7 52.1



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: 212.39 ng

RT: 16.36 min Scan# 2173

Delta R.T. -0.08 min

Lab File: BG029014.D

Acq: 3 Oct 2017 20:40

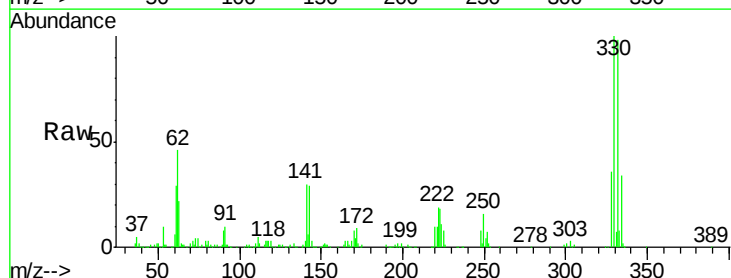
Tgt Ion:330 Resp: 255577

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

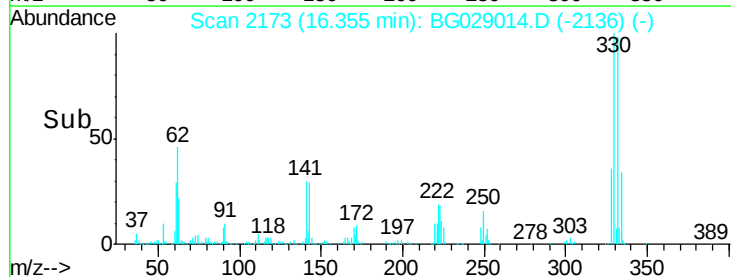
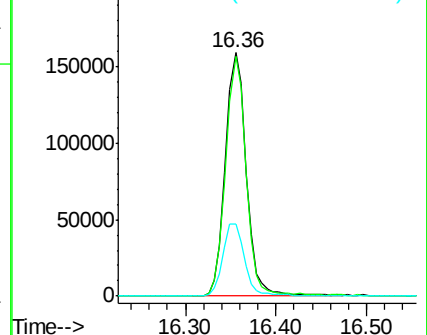
141 31.0 32.1 48.1#

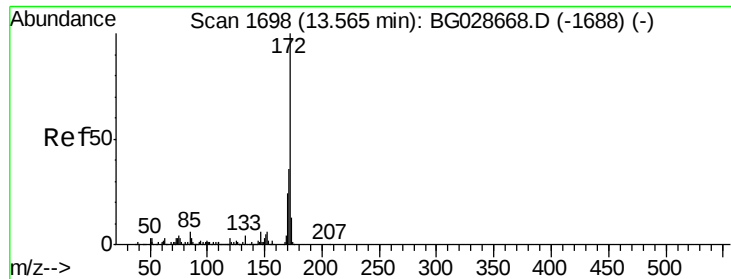


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

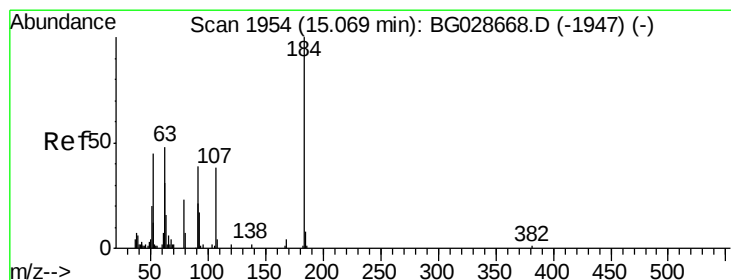
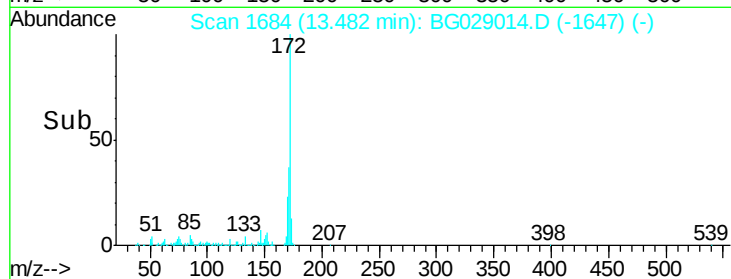
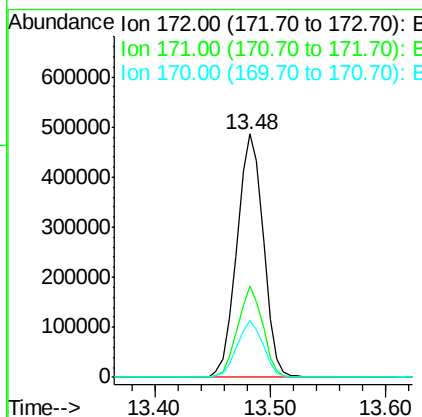
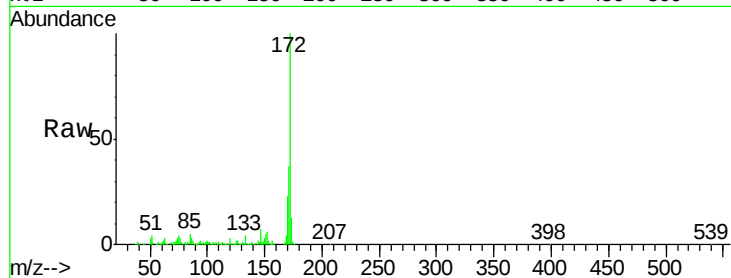




#44
2-Fluorobiphenyl
Concen: 141.43 ng
RT: 13.48 min Scan# 1684
Delta R.T. -0.08 min
Lab File: BG029014.D
Acq: 3 Oct 2017 20:40

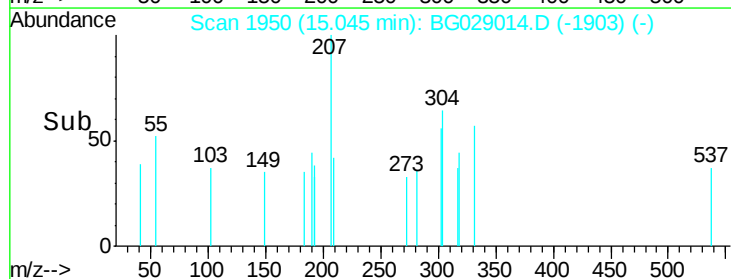
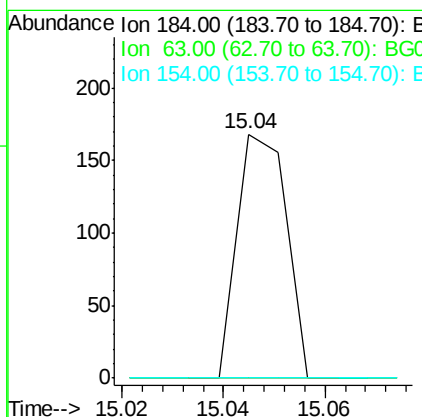
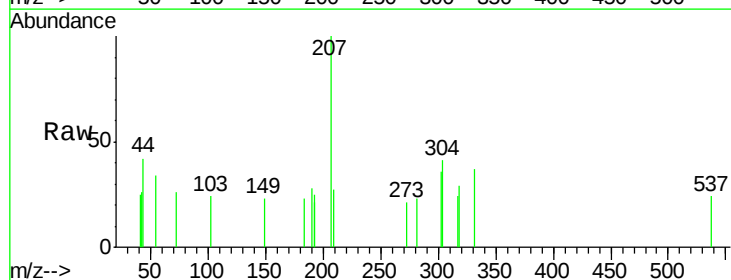
Instrument :
BNA_G
ClientSampleId :

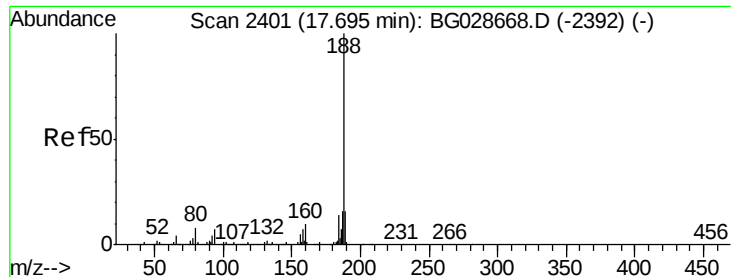
Tot Ion:172 Resp: 771682
Ion Ratio Lower Upper
172 100
171 37.4 32.2 48.2
170 23.1 21.8 32.6



#53
2,4-Dinitrophenol
Concen: 8.14 ng
RT: 15.04 min Scan# 1950
Delta R.T. -0.02 min
Lab File: BG029014.D
Acq: 3 Oct 2017 20:40

Tgt Ion:184 Resp: 114
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 0.0 57.3 85.9#

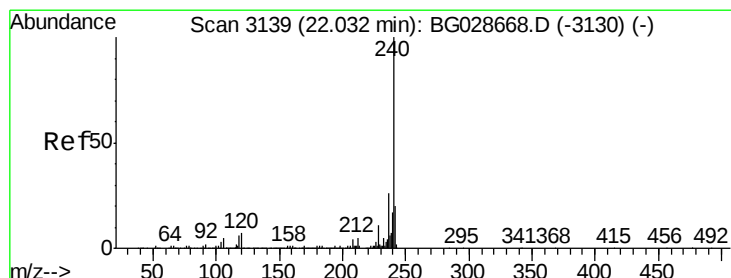
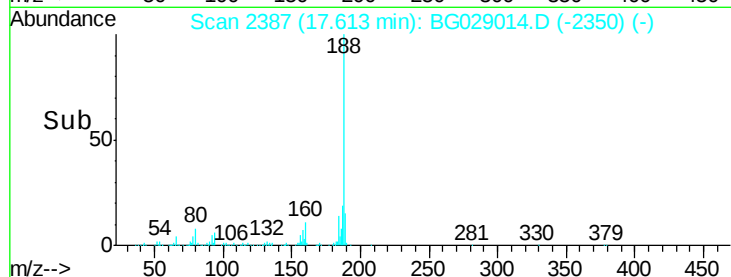
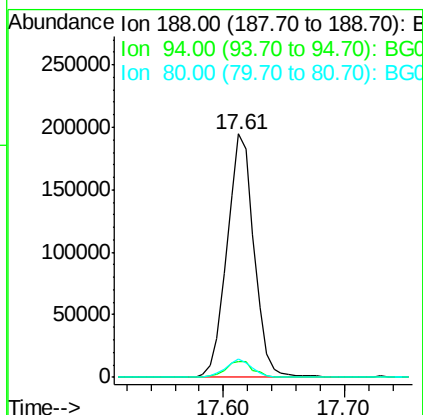
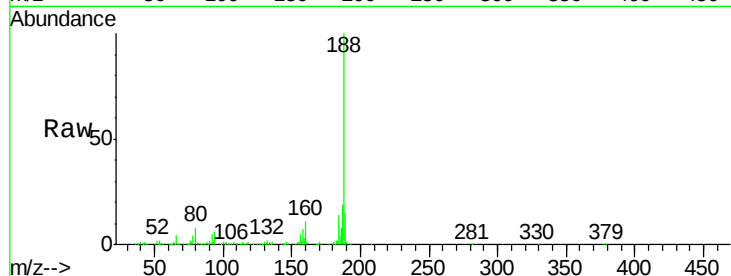




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.61 min Scan# 2387
Delta R.T. -0.08 min
Lab File: BG029014.D
Acq: 3 Oct 2017 20:40

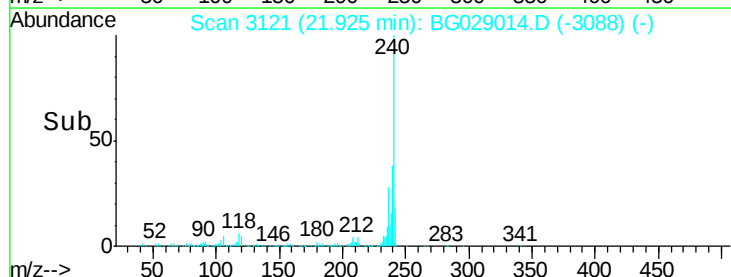
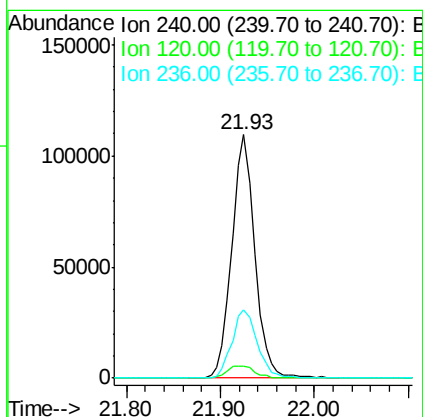
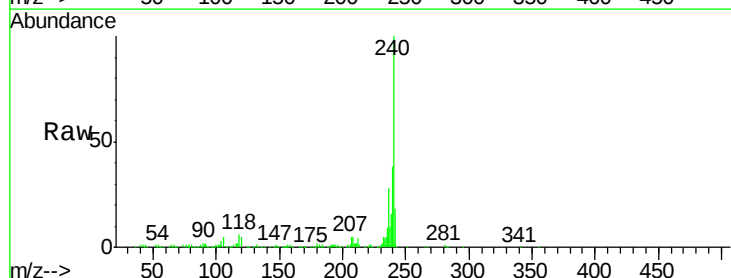
Instrument :
BNA_G
ClientSampled :

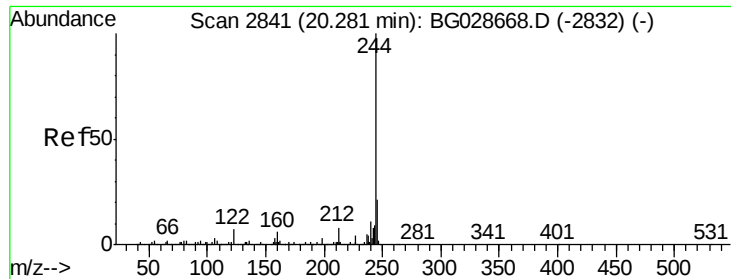
Tot Ion:188 Resp: 302311
Ion Ratio Lower Upper
188 100
94 6.2 5.8 8.8
80 7.6 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.93 min Scan# 3121
Delta R.T. -0.11 min
Lab File: BG029014.D
Acq: 3 Oct 2017 20:40

Tgt Ion:240 Resp: 186634
Ion Ratio Lower Upper
240 100
120 4.8 5.7 8.5#
236 28.2 22.2 33.4





#78

Terphenyl-d14

Concen: 148.33 ng

RT: 20.20 min Scan# 2828

Delta R.T. -0.08 min

Lab File: BG029014.D

Acq: 3 Oct 2017 20:40

Instrument :

BNA_G

ClientSampleId :

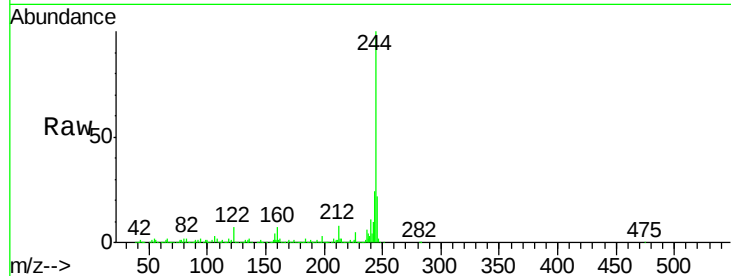
Tot Ion:244 Resp: 1298148

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

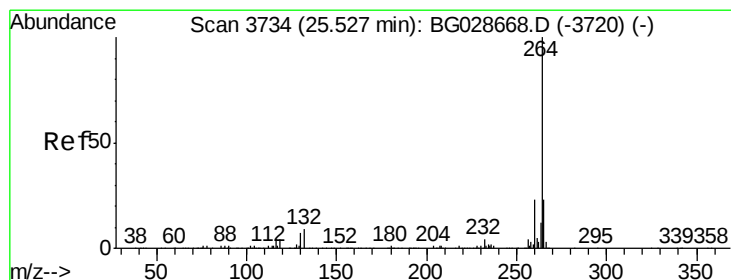
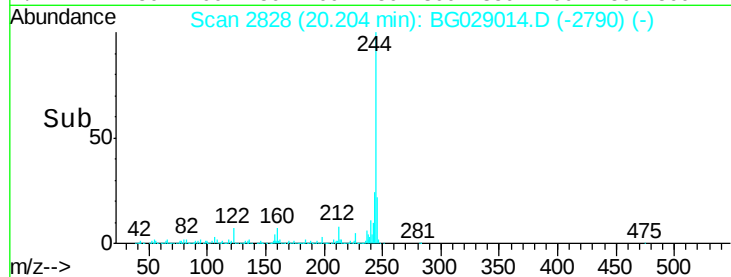
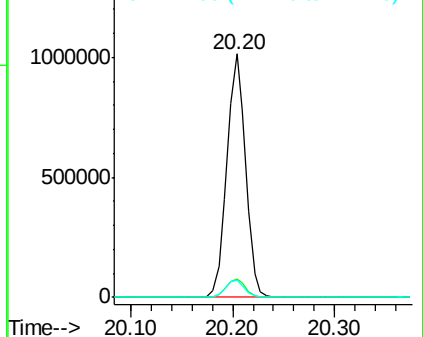
122 6.9 8.6 12.8#



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: 25.35 min Scan# 3704

Delta R.T. -0.18 min

Lab File: BG029014.D

Acq: 3 Oct 2017 20:40

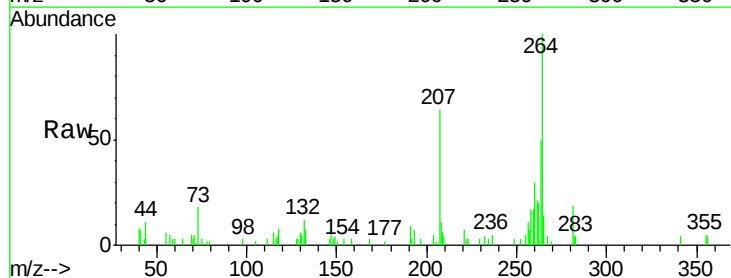
Tgt Ion:264 Resp: 15854

Ion Ratio Lower Upper

264 100

260 30.1 21.8 32.8

265 13.6 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

