

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028932.D
 Acq On : 26 Sep 2017 7:12
 Operator : SJ/JU
 Sample : I5395-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 26 08:16:01 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

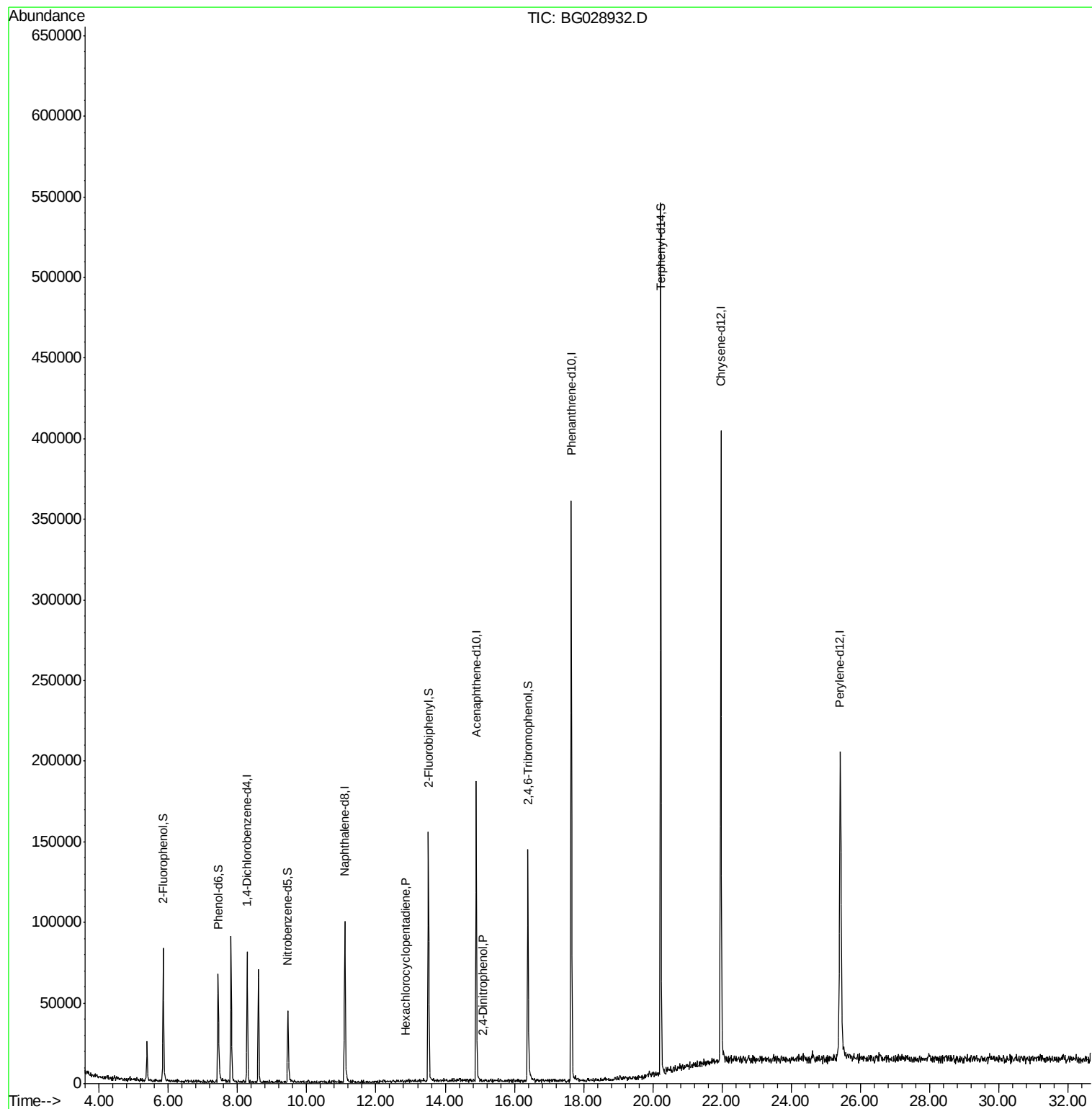
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	22611	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	93397	20.00	ng	-0.05
38) Acenaphthene-d10	14.90	164	69031	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	239322	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	282358	20.00	ng	-0.06
86) Perylene-d12	25.42	264	268611	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	39101	28.53	ng	-0.05
7) Phenol-d6	7.44	99	49320	23.90	ng	-0.05
23) Nitrobenzene-d5	9.45	82	36935	18.92	ng	-0.05
41) 2,4,6-Tribromophenol	16.39	330	36619	32.07	ng	-0.05
44) 2-Fluorobiphenyl	13.52	172	95551	18.46	ng	-0.05
78) Terphenyl-d14	20.23	244	261100	19.72	ng	-0.05
Target Compounds						
40) Hexachlorocyclopentadiene	12.87	237	57	7.65	ng	# 29
53) 2,4-Dinitrophenol	15.09	184	60	8.08	ng	# 15

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.28 min Scan# 799

Delta R.T. -0.05 min

Lab File: BG028932.D

Acq: 26 Sep 2017 7:12

Instrument :

BNA_G

ClientSampleId :

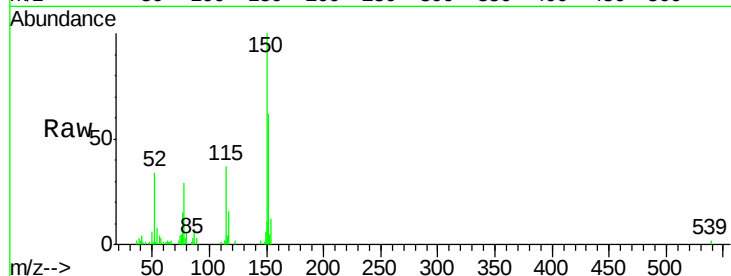
Tot Ion:152 Resp: 22611

Ion Ratio Lower Upper

152 100

150 162.6 114.0 171.0

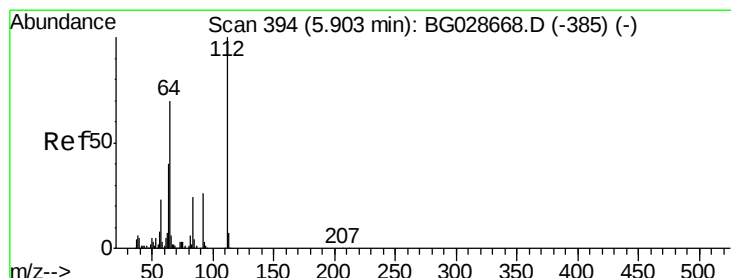
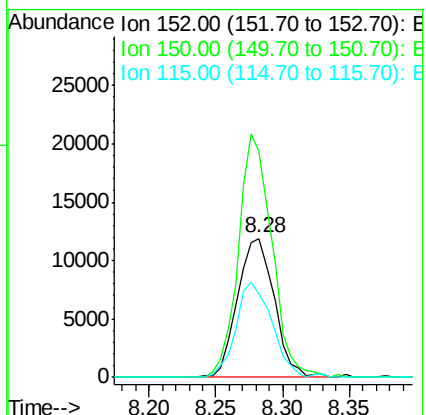
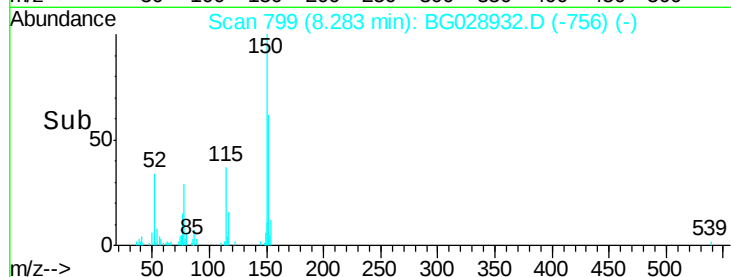
115 60.3 48.1 72.1



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: 28.53 ng

RT: 5.85 min Scan# 385

Delta R.T. -0.05 min

Lab File: BG028932.D

Acq: 26 Sep 2017 7:12

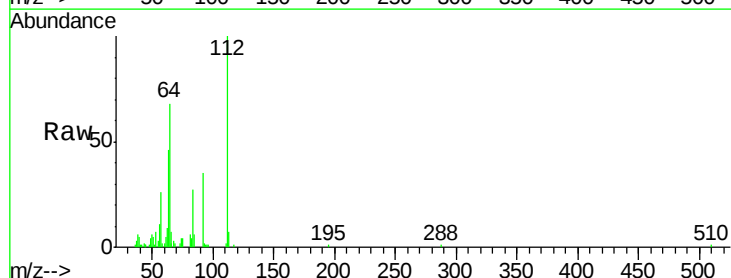
Tgt Ion:112 Resp: 39101

Ion Ratio Lower Upper

112 100

64 68.2 61.8 92.6

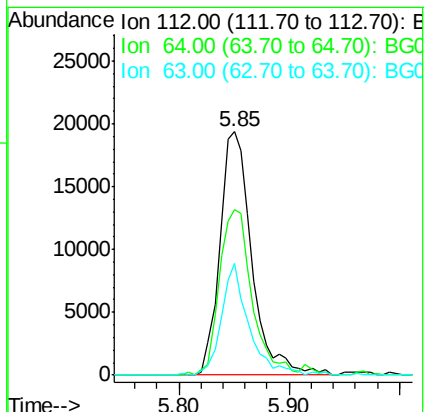
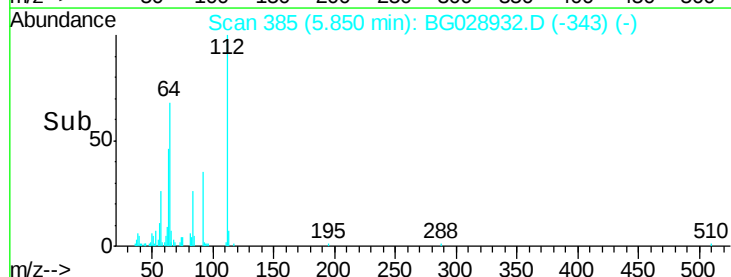
63 45.9 37.2 55.8

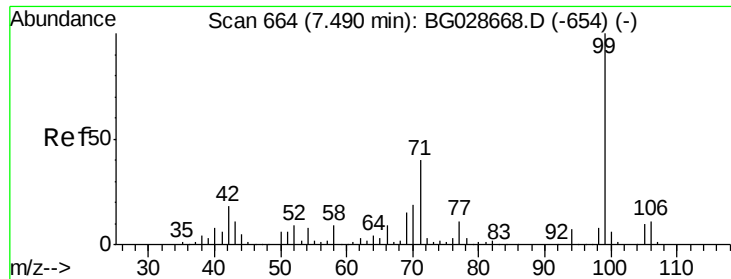


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 23.90 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028932.D

Acq: 26 Sep 2017 7:12

Instrument :

BNA_G

ClientSampleId :

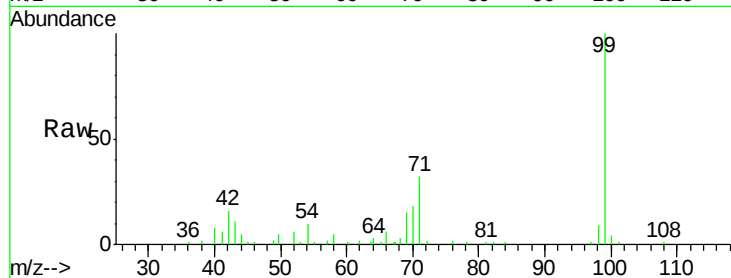
Tot Ion: 99 Resp: 49320

Ion Ratio Lower Upper

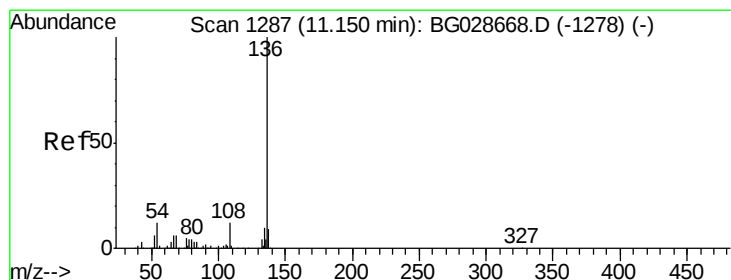
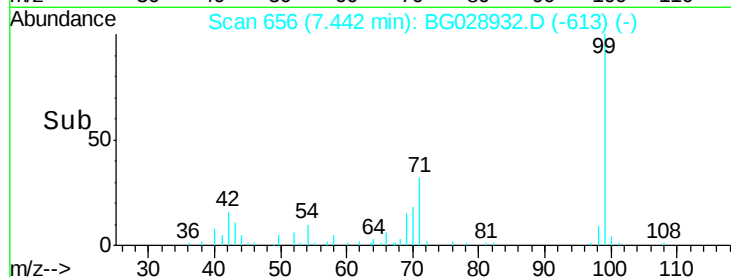
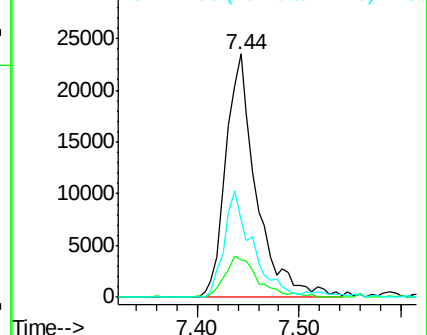
99 100

42 15.6 20.5 30.7#

71 31.6 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: 11.10 min Scan# 1278

Delta R.T. -0.05 min

Lab File: BG028932.D

Acq: 26 Sep 2017 7:12

Tgt Ion: 136 Resp: 93397

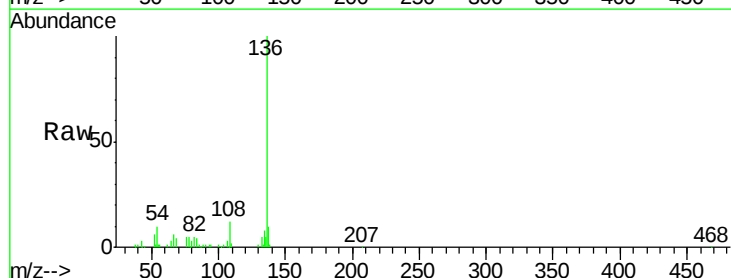
Ion Ratio Lower Upper

136 100

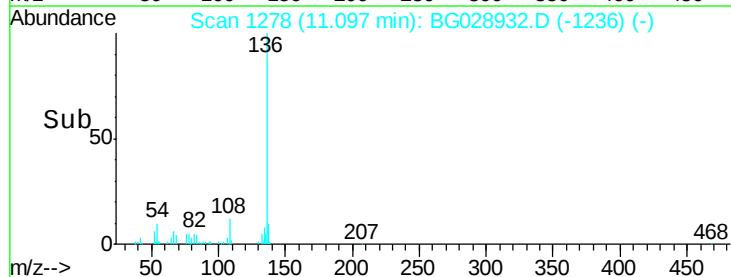
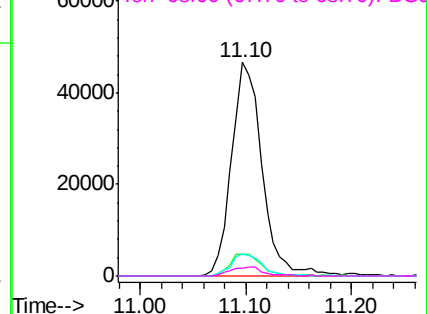
137 10.4 8.9 13.3

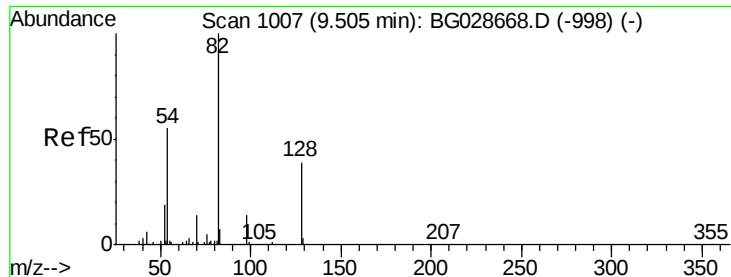
54 10.4 9.3 13.9

68 3.8 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

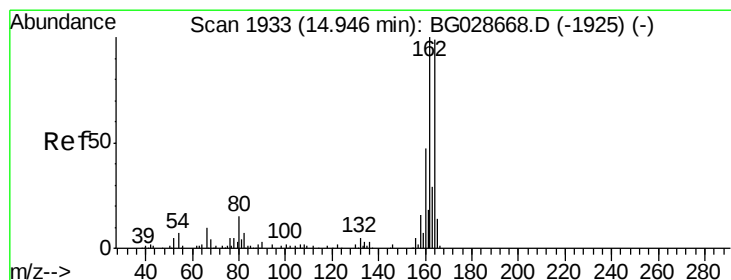
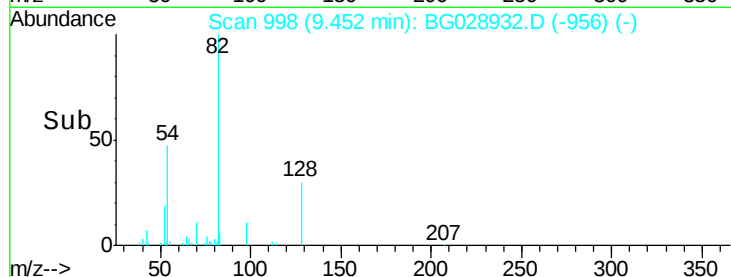
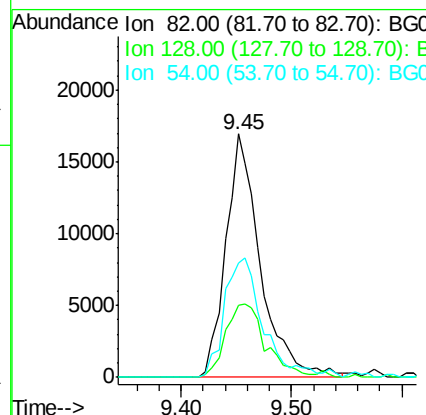
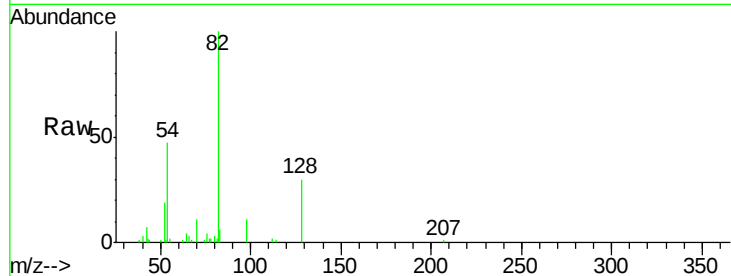




#23
Nitrobenzene-d5
Concen: 18.92 ng
RT: 9.45 min Scan# 998
Delta R.T. -0.05 min
Lab File: BG028932.D
Acq: 26 Sep 2017 7:12

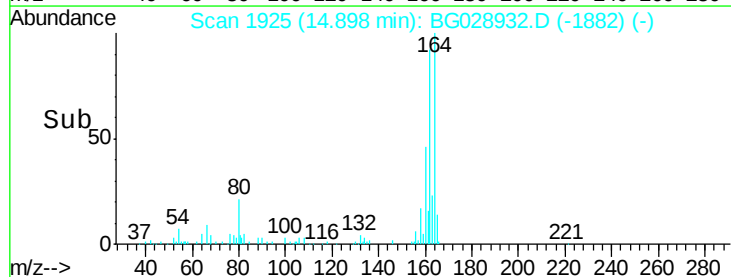
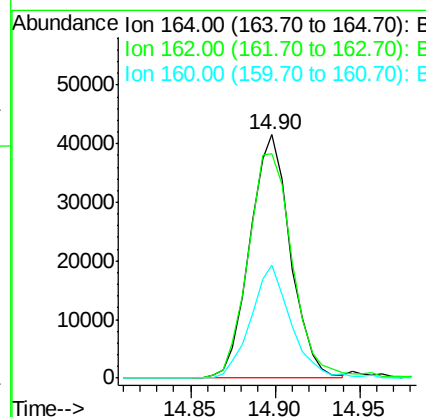
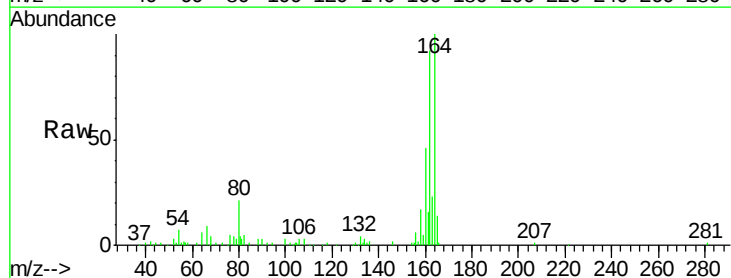
Instrument :
BNA_G
ClientSampleId :

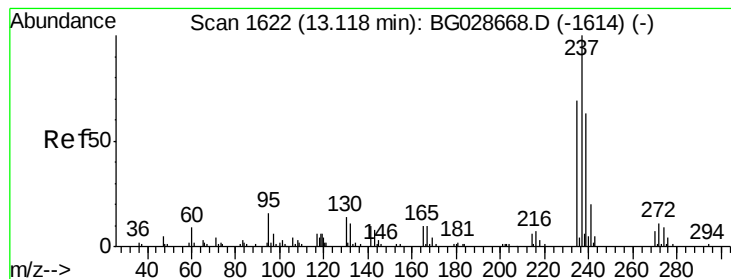
Tot Ion	82	Resp	36935
Ion	Ratio	Lower	Upper
82	100		
128	29.8	26.4	39.6
54	47.1	49.4	74.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.90 min Scan# 1925
Delta R.T. -0.05 min
Lab File: BG028932.D
Acq: 26 Sep 2017 7:12

Tgt Ion	164	Resp	69031
Ion	Ratio	Lower	Upper
164	100		
162	92.0	85.1	127.7
160	46.3	34.7	52.1





#40

Hexachlorocyclopentadiene

Concen: 7.65 ng

RT: 12.87 min Scan# 1580

Delta R.T. -0.25 min

Lab File: BG028932.D

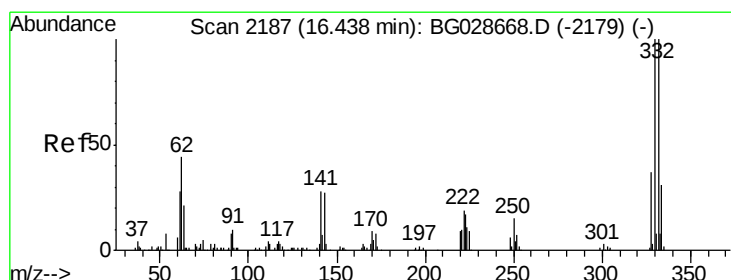
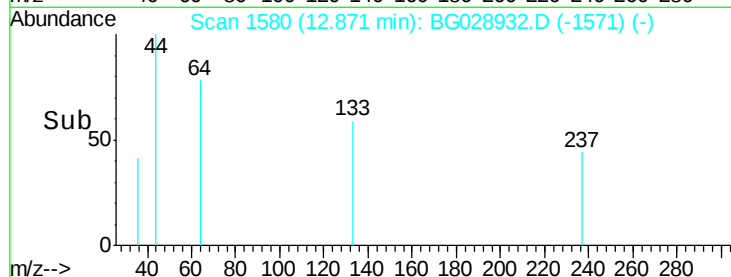
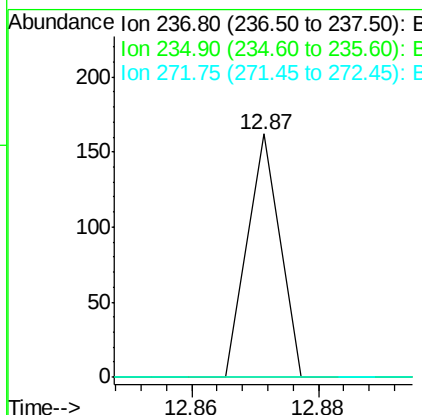
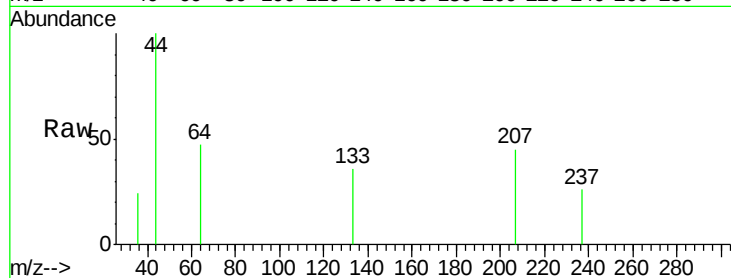
Acq: 26 Sep 2017 7:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	237	Resp:	57
Ion	Ratio	Lower	Upper
237	100		
235	0.0	39.4	79.4#
272	0.0	0.0	32.0



#41

2,4,6-Tribromophenol

Concen: 32.07 ng

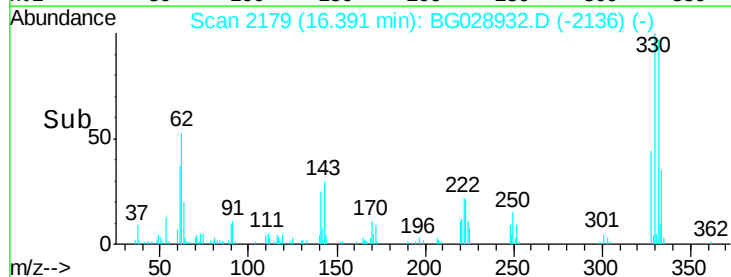
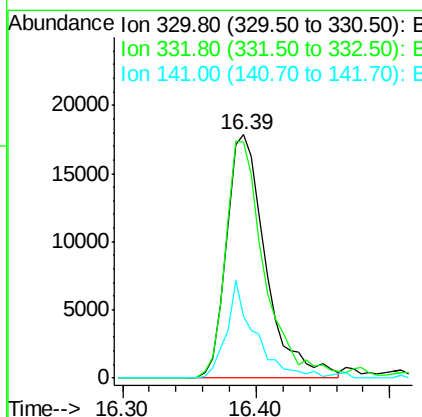
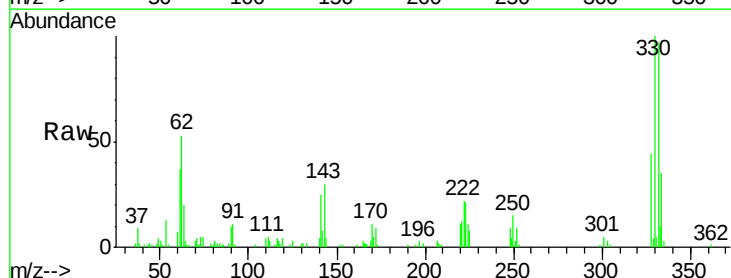
RT: 16.39 min Scan# 2179

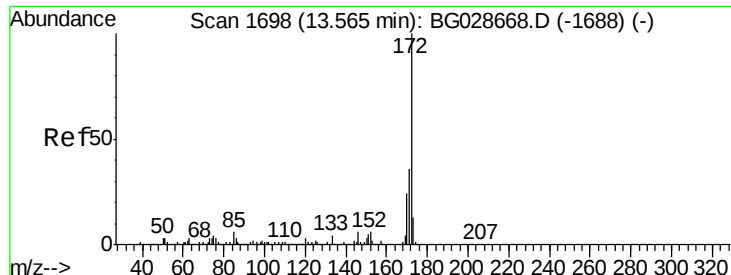
Delta R.T. -0.05 min

Lab File: BG028932.D

Acq: 26 Sep 2017 7:12

Tgt Ion:	330	Resp:	36619
Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	29.6	32.1	48.1#





#44

2-Fluorobiphenyl

Concen: 18.46 ng

RT: 13.52 min Scan# 1690

Delta R.T. -0.05 min

Lab File: BG028932.D

Acq: 26 Sep 2017 7:12

Instrument :

BNA_G

ClientSampleId :

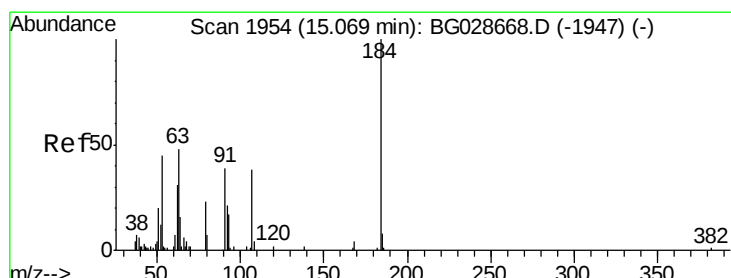
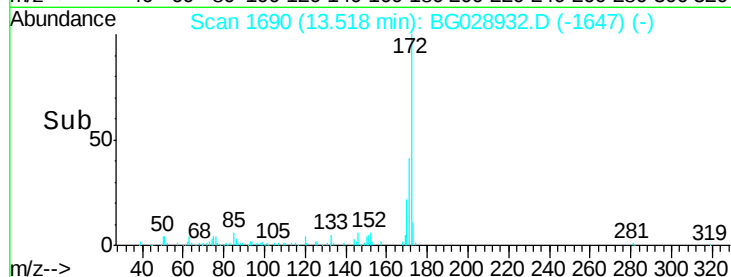
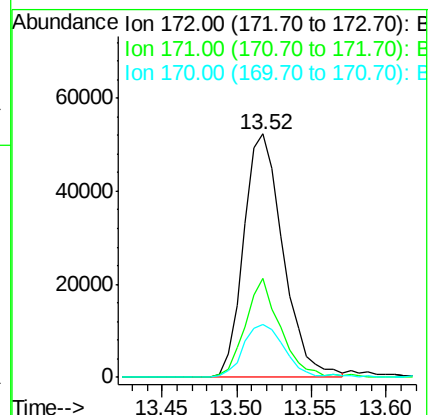
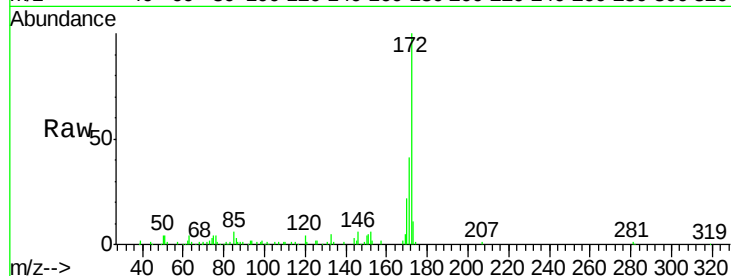
Tot Ion:172 Resp: 95551

Ion Ratio Lower Upper

172 100

171 40.7 32.2 48.2

170 21.9 21.8 32.6



#53

2,4-Dinitrophenol

Concen: 8.08 ng

RT: 15.09 min Scan# 1958

Delta R.T. 0.02 min

Lab File: BG028932.D

Acq: 26 Sep 2017 7:12

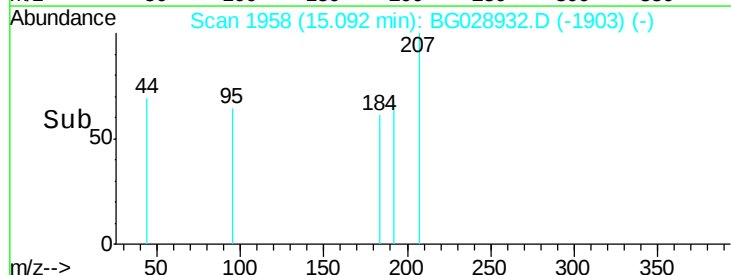
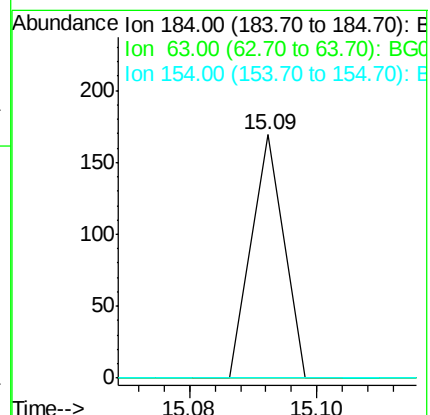
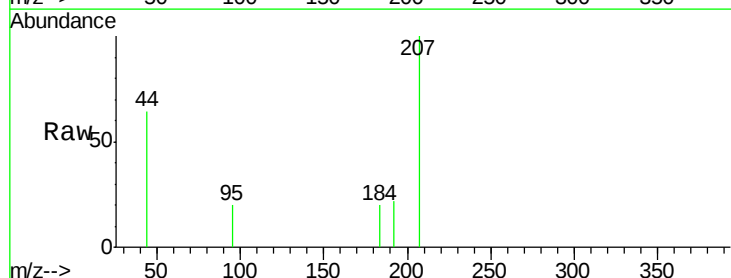
Tgt Ion:184 Resp: 60

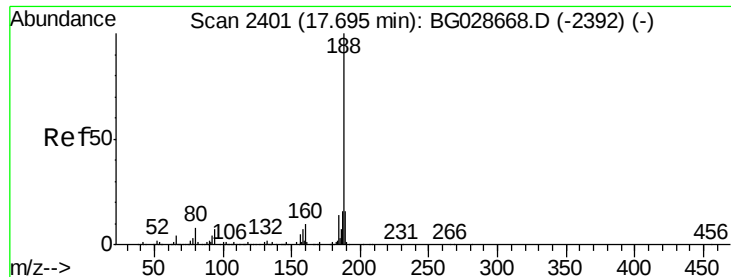
Ion Ratio Lower Upper

184 100

63 0.0 52.7 79.1#

154 0.0 57.3 85.9#

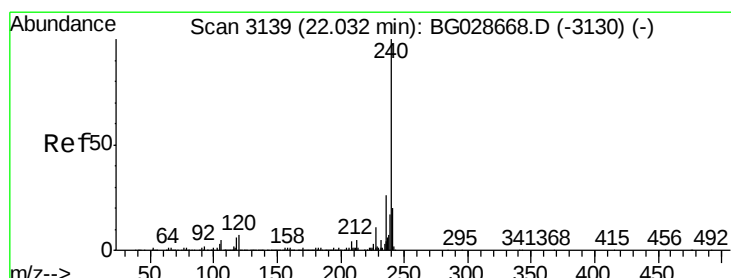
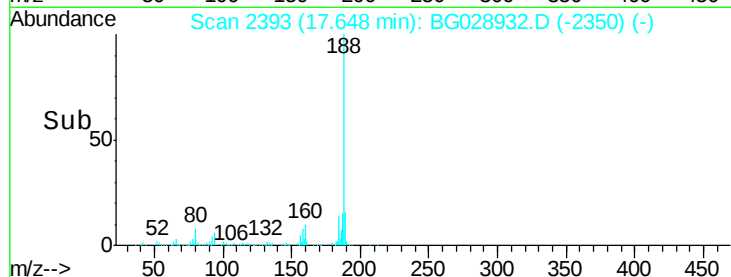
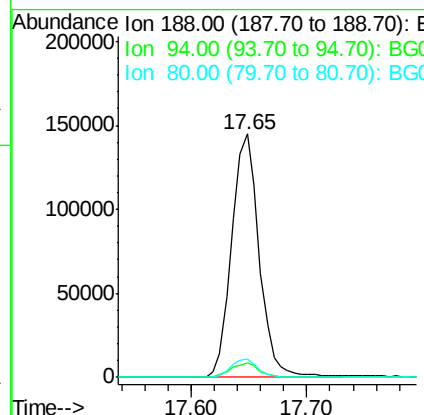
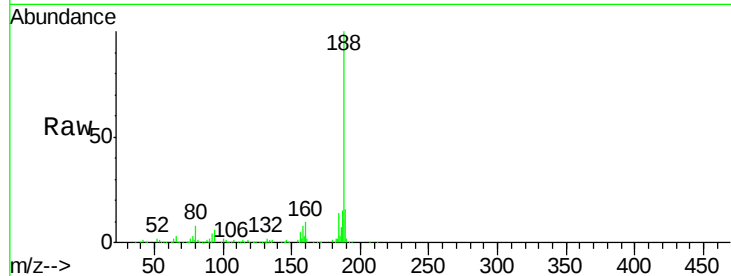




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.65 min Scan# 2393
Delta R.T. -0.05 min
Lab File: BG028932.D
Acq: 26 Sep 2017 7:12

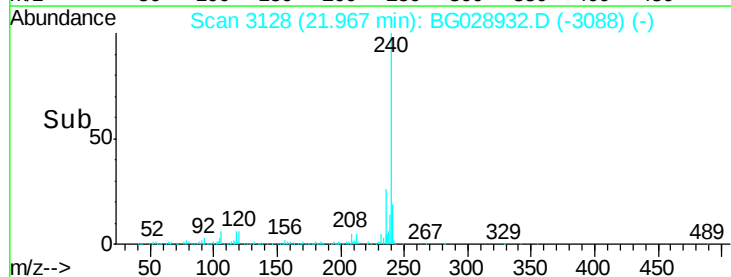
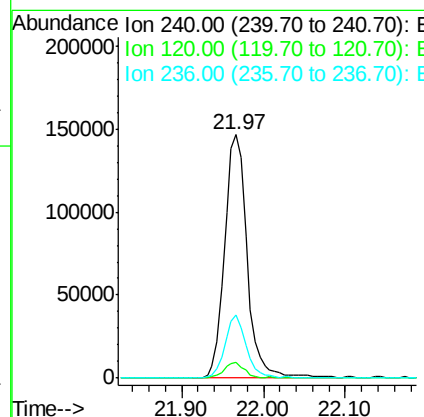
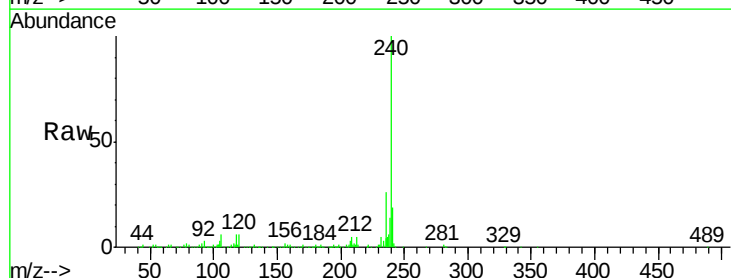
Instrument :
BNA_G
ClientSampleId :

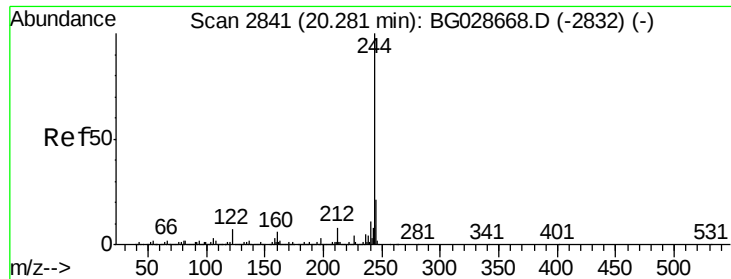
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.8	8.8#
80	7.7	7.5	11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.97 min Scan# 3128
Delta R.T. -0.06 min
Lab File: BG028932.D
Acq: 26 Sep 2017 7:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.7	8.5
236	25.9	22.2	33.4





#78

Terphenyl-d14

Concen: 19.72 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028932.D

Acq: 26 Sep 2017 7:12

Instrument :

BNA_G

ClientSampled :

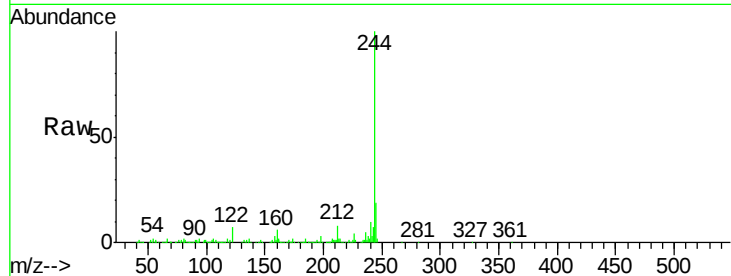
Tot Ion:244 Resp: 261100

Ion Ratio Lower Upper

244 100

212 8.3 10.0 15.0#

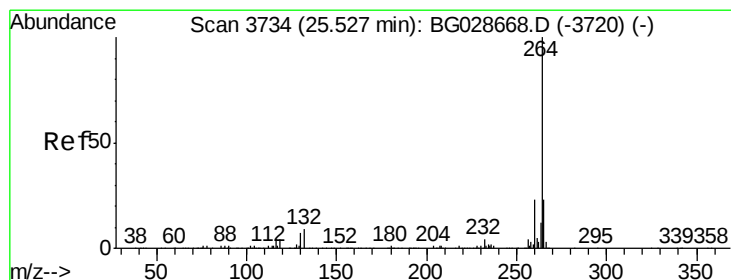
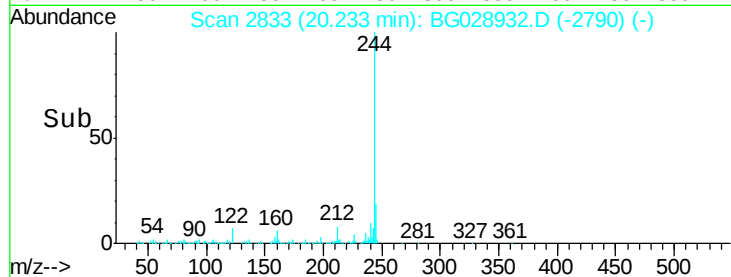
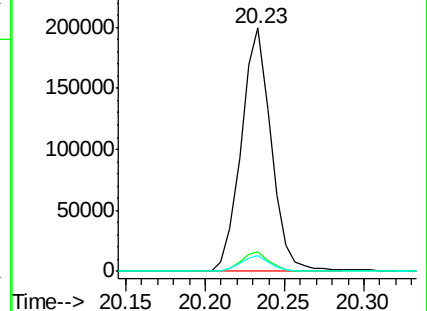
122 6.6 8.6 12.8#



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: 25.42 min Scan# 3715

Delta R.T. -0.11 min

Lab File: BG028932.D

Acq: 26 Sep 2017 7:12

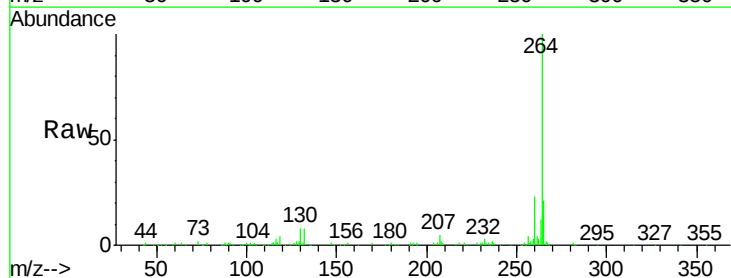
Tgt Ion:264 Resp: 268611

Ion Ratio Lower Upper

264 100

260 23.2 21.8 32.8

265 21.3 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

