

Data File : BG025949.D
Acq On : 25 Feb 2017 2:20
Operator : SJ/MA
Sample : I1973-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2-B1-B2-SOUTHSW-2

Quant Time: Feb 25 03:01:58 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 15:48:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	86293	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	392373	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	269236	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	734271	20.00	ng	0.00
75) Chrysene-d12	21.66	240	782895	20.00	ng	-0.02
86) Perylene-d12	24.86	264	760145	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	634439	128.00	ng	0.00
7) Phenol-d6	7.23	99	906193	123.55	ng	0.00
23) Nitrobenzene-d5	9.23	82	477352	76.78	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	412375	165.78	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1133099	73.54	ng	0.00
78) Terphenyl-d14	20.01	244	1846600	57.37	ng	-0.01
Target Compounds						
10) Phenol	7.26	94	63650	7.99	ng	Qvalue # 73
49) Dimethylphthalate	14.13	163	237145	12.84	ng	97

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

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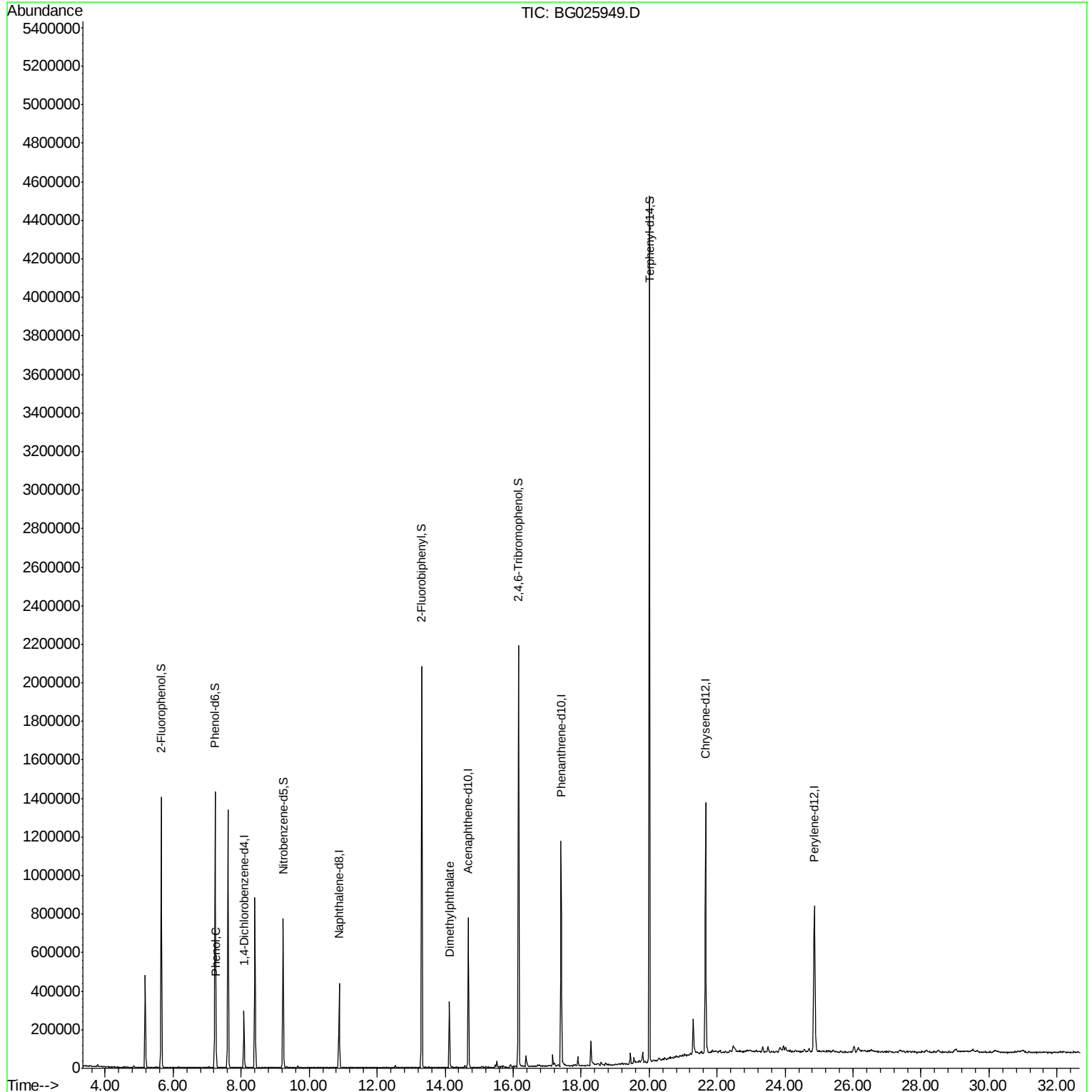
Quant Time: Feb 25 03:01:58 2017

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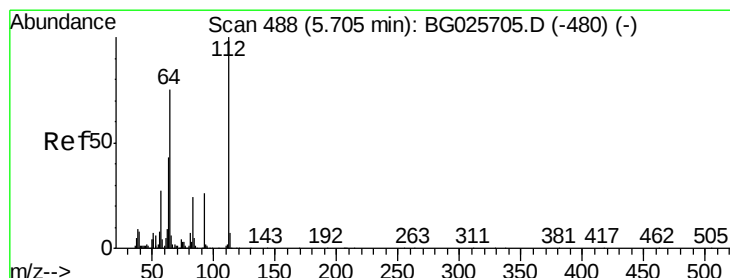
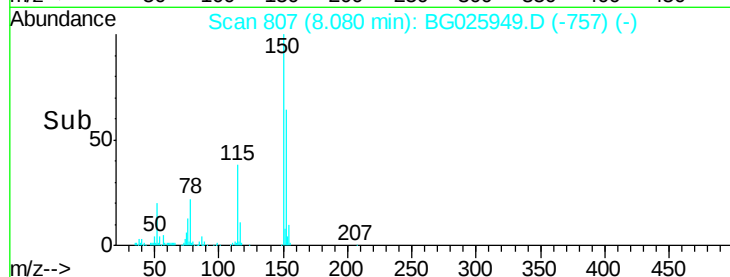
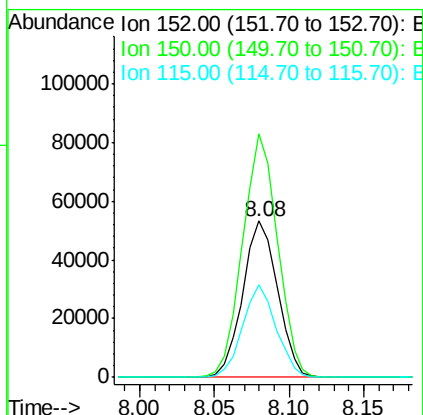
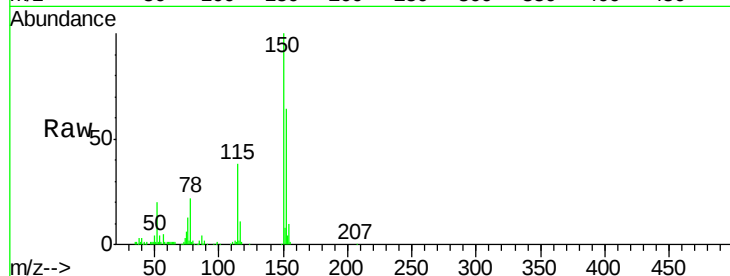


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.08 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BG025949.D
 Acq: 25 Feb 2017 2:20

Instrument :
 BNA_G
 ClientSampleId :
 E2-B1-B2-SOUTHSW-2

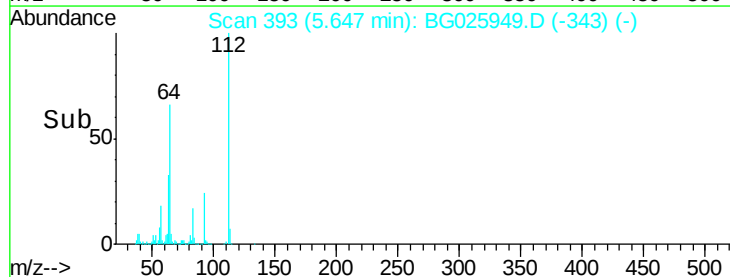
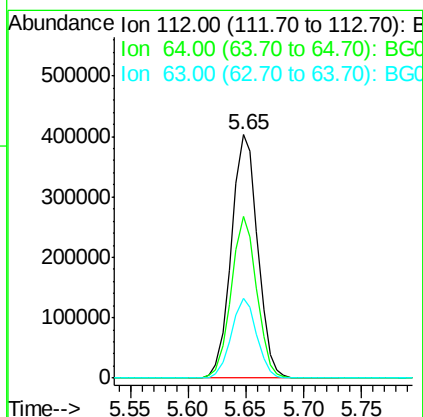
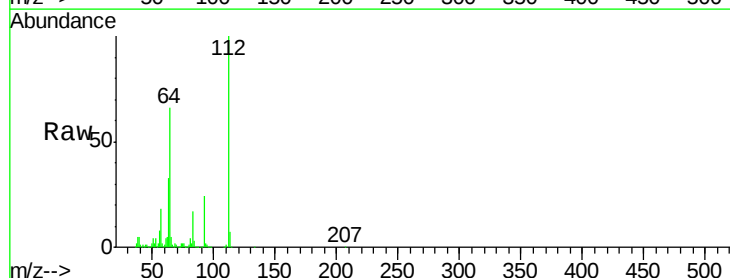
Tgt Ion:152 Resp: 86293
 Ion Ratio Lower Upper
 152 100
 150 155.7 114.0 171.0
 115 59.3 48.1 72.1

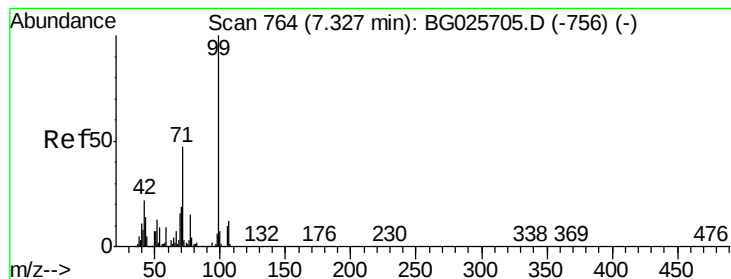


#5

2-Fluorophenol
 Concen: 128.00 ng
 RT: 5.65 min Scan# 393
 Delta R.T. -0.01 min
 Lab File: BG025949.D
 Acq: 25 Feb 2017 2:20

Tgt Ion:112 Resp: 634439
 Ion Ratio Lower Upper
 112 100
 64 66.2 61.8 92.6
 63 33.0 37.2 55.8#





#7

Phenol-d6

Concen: 123.55 ng

RT: 7.23 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG025949.D

Acq: 25 Feb 2017 2:20

Instrument :

BNA_G

ClientSampleId :

E2-B1-B2-SOUTHSW-2

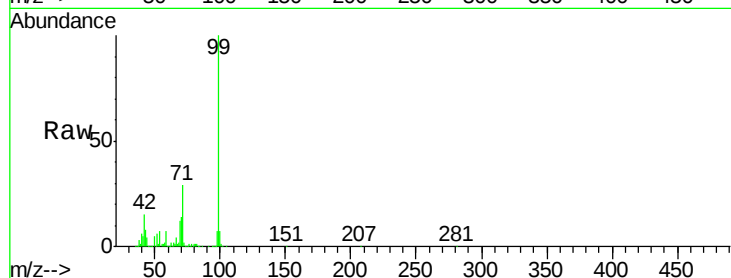
Tgt Ion: 99 Resp: 906193

Ion Ratio Lower Upper

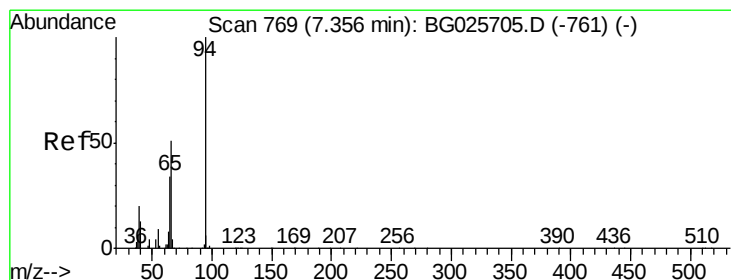
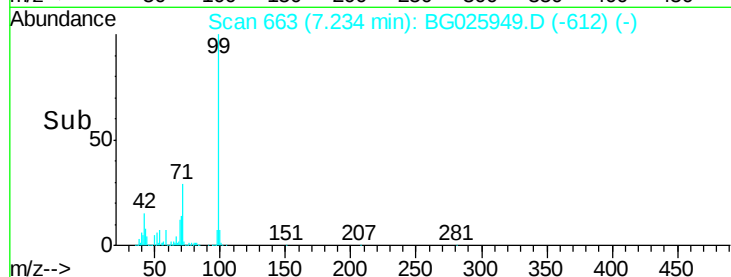
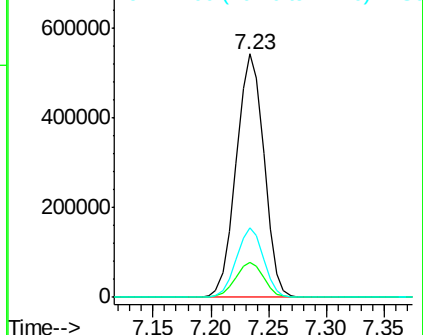
99 100

42 14.6 20.5 30.7#

71 28.6 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



#10

Phenol

Concen: 7.99 ng

RT: 7.26 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG025949.D

Acq: 25 Feb 2017 2:20

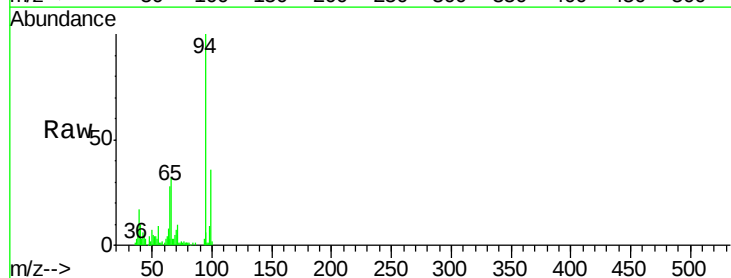
Tgt Ion: 94 Resp: 63650

Ion Ratio Lower Upper

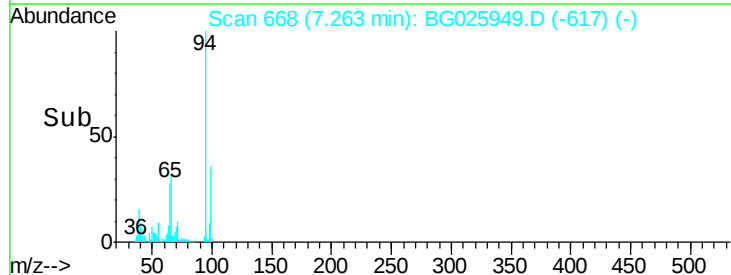
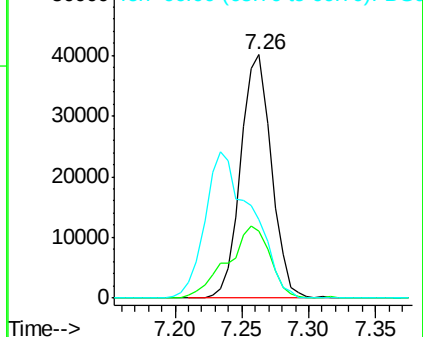
94 100

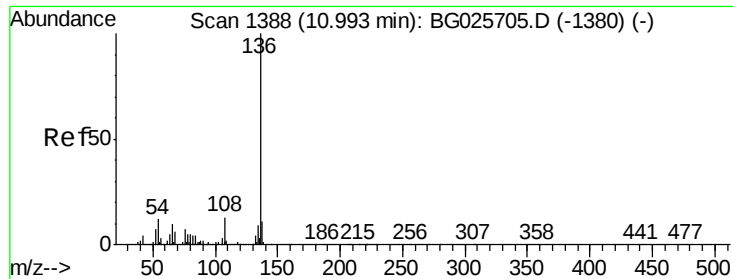
65 27.8 20.6 60.6

66 32.4 35.5 75.5#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

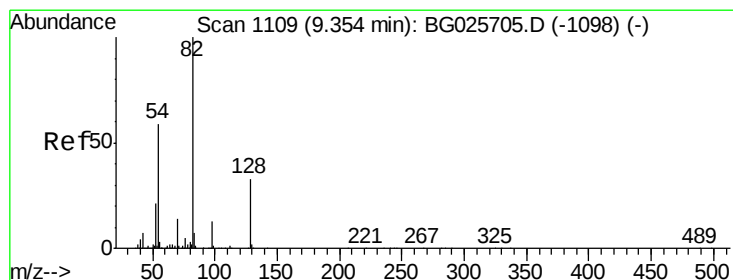
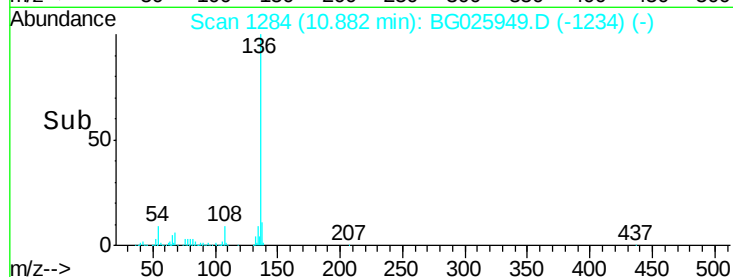
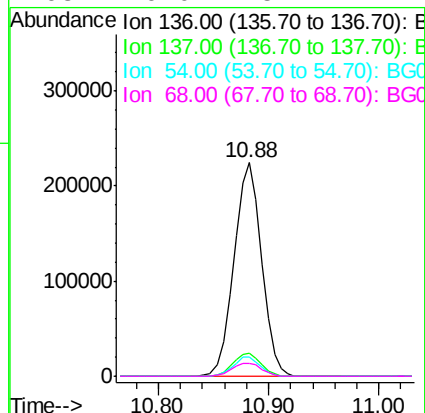
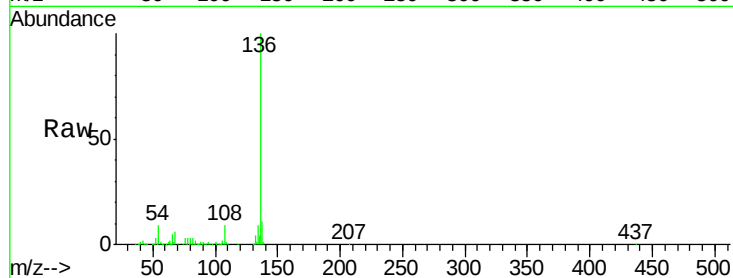




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG025949.D
Acq: 25 Feb 2017 2:20

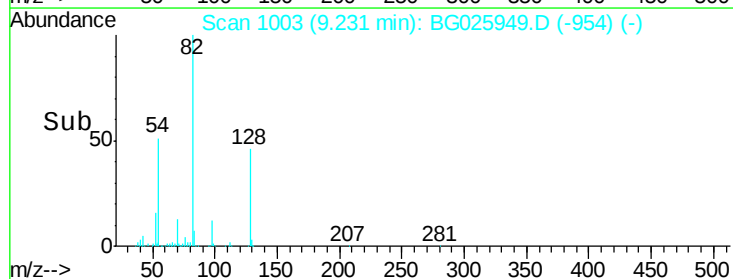
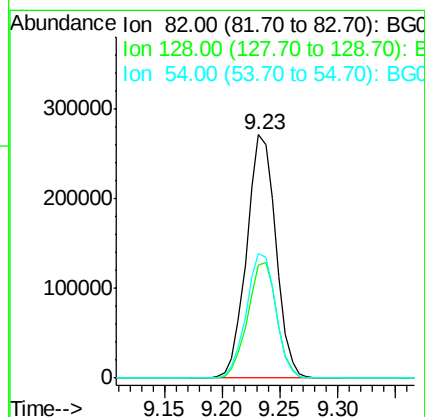
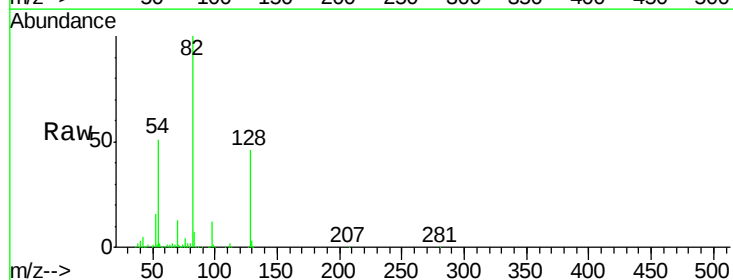
Instrument :
BNA_G
ClientSampleId :
E2-B1-B2-SOUTHSW-2

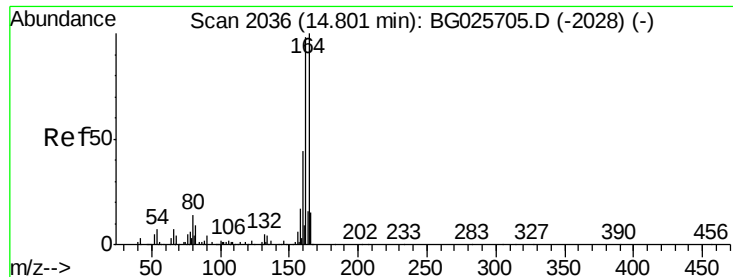
Tgt Ion:	136	Resp:	392373
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.8	9.3	13.9#
68	6.0	5.1	7.7



#23
Nitrobenzene-d5
Concen: 76.78 ng
RT: 9.23 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG025949.D
Acq: 25 Feb 2017 2:20

Tgt Ion:	82	Resp:	477352
Ion	Ratio	Lower	Upper
82	100		
128	46.2	26.4	39.6#
54	51.4	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.68 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG025949.D

Acq: 25 Feb 2017 2:20

Instrument :

BNA_G

ClientSampleId :

E2-B1-B2-SOUTHSW-2

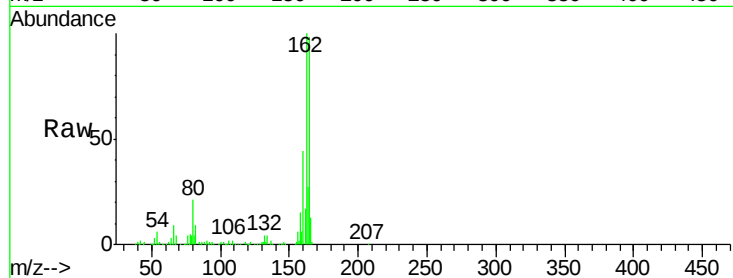
Tgt Ion:164 Resp: 269236

Ion Ratio Lower Upper

164 100

162 102.1 85.1 127.7

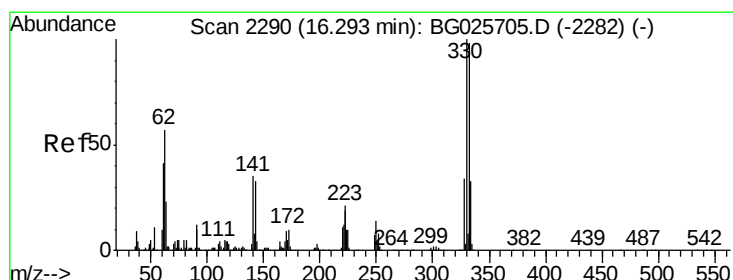
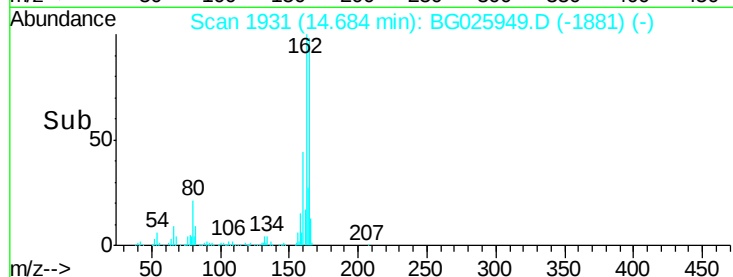
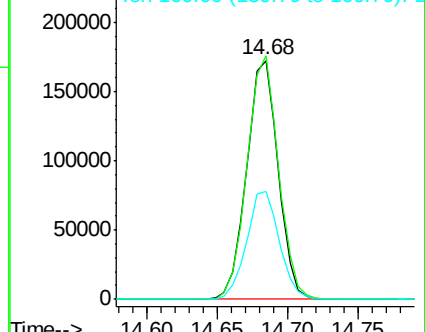
160 45.4 34.7 52.1



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: 165.78 ng

RT: 16.16 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG025949.D

Acq: 25 Feb 2017 2:20

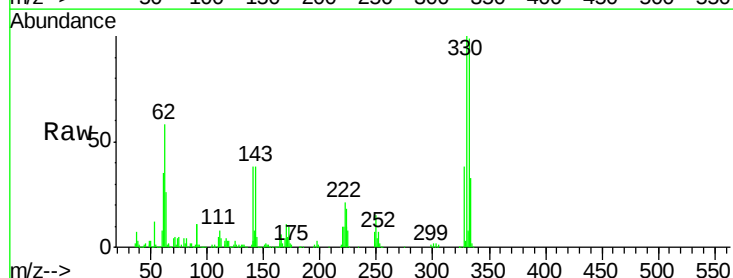
Tgt Ion:330 Resp: 412375

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

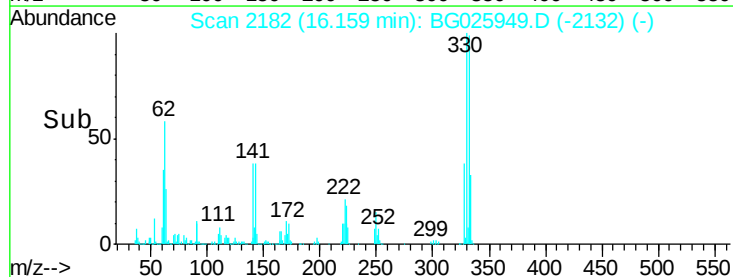
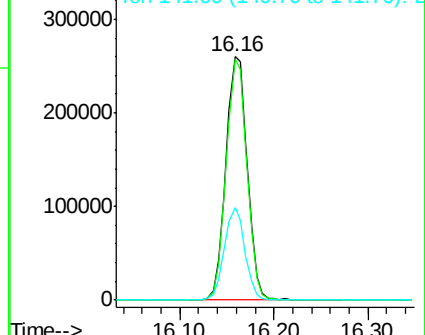
141 36.7 32.1 48.1

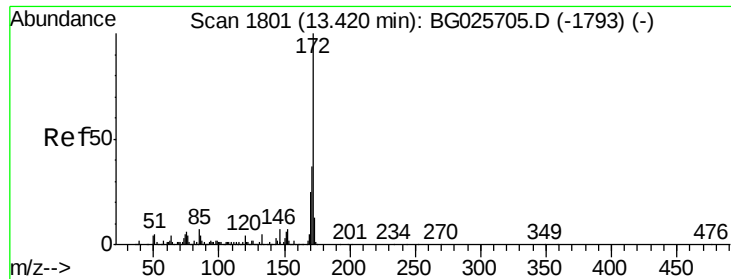


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

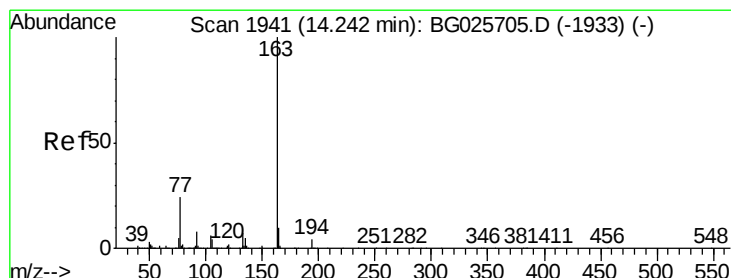
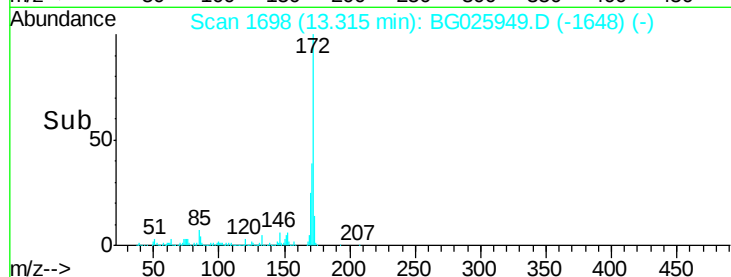
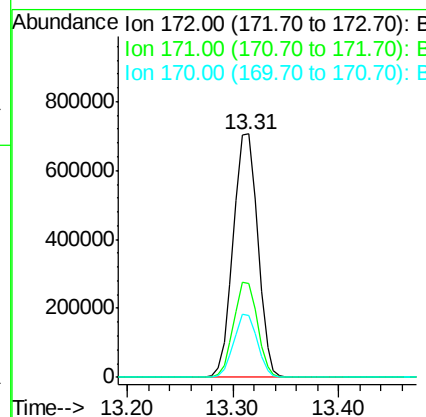
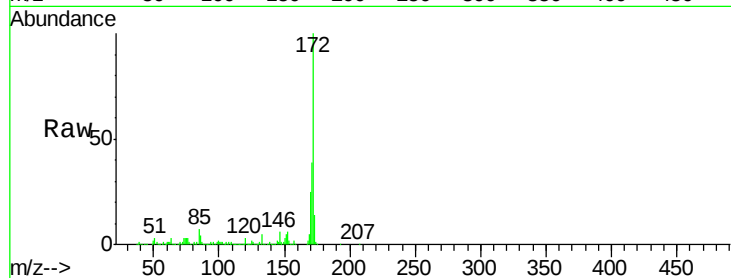




#44
2-Fluorobiphenyl
Concen: 73.54 ng
RT: 13.31 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BG025949.D
Acq: 25 Feb 2017 2:20

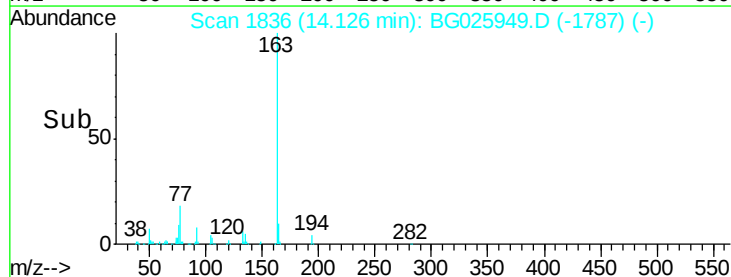
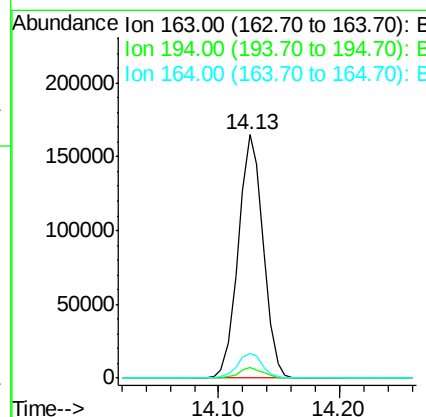
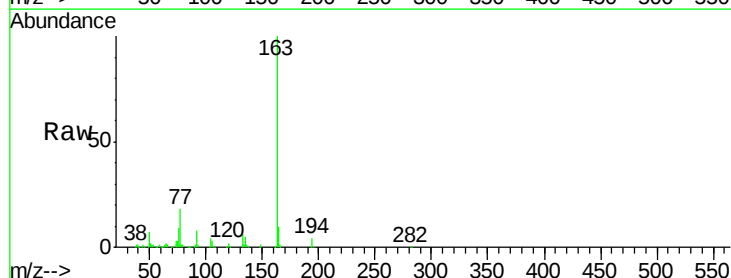
Instrument :
BNA_G
ClientSampleId :
E2-B1-B2-SOUTHSW-2

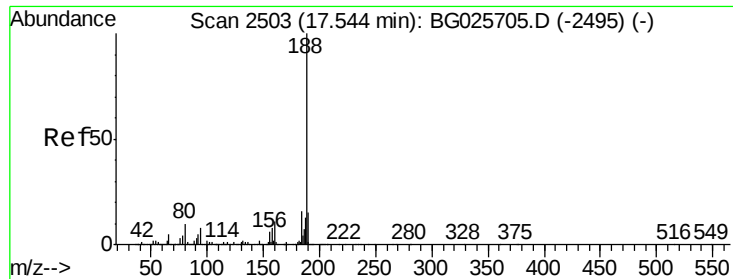
Tgt Ion:172 Resp: 1133099
Ion Ratio Lower Upper
172 100
171 38.6 32.2 48.2
170 25.2 21.8 32.6



#49
Dimethylphthalate
Concen: 12.84 ng
RT: 14.13 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BG025949.D
Acq: 25 Feb 2017 2:20

Tgt Ion:163 Resp: 237145
Ion Ratio Lower Upper
163 100
194 4.3 3.8 5.6
164 10.0 9.3 13.9

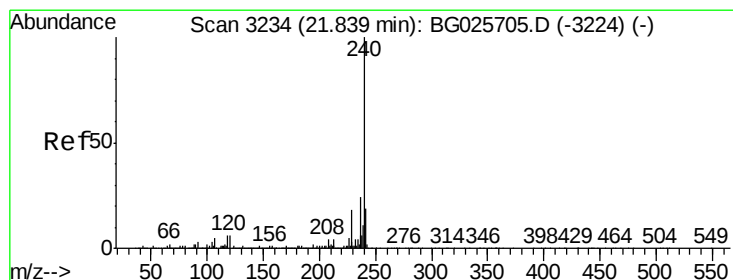
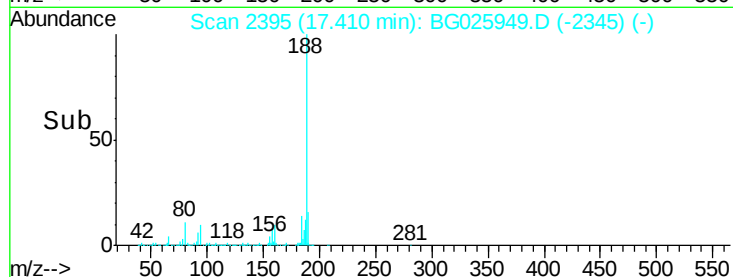
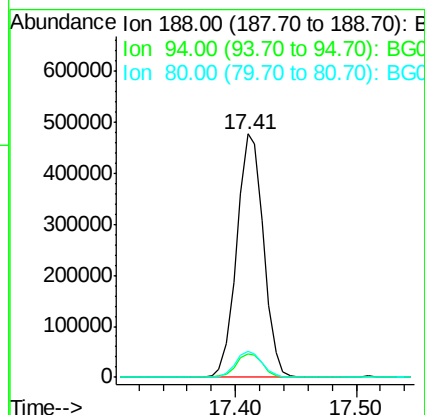
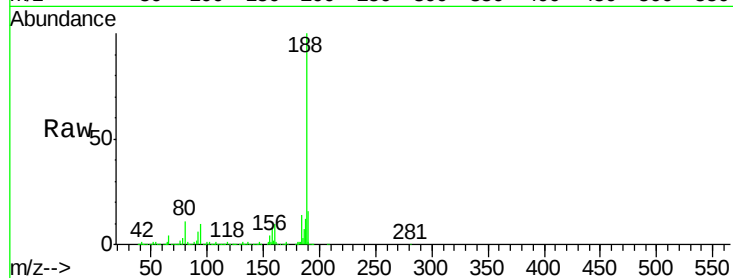




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BG025949.D
Acq: 25 Feb 2017 2:20

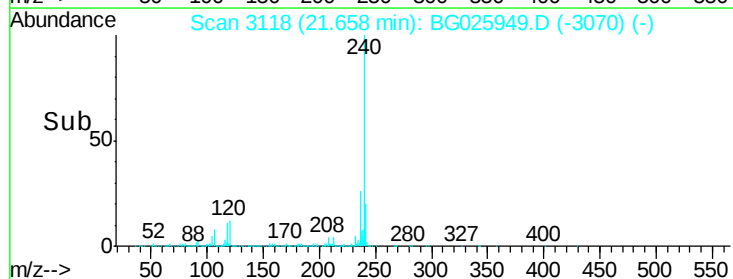
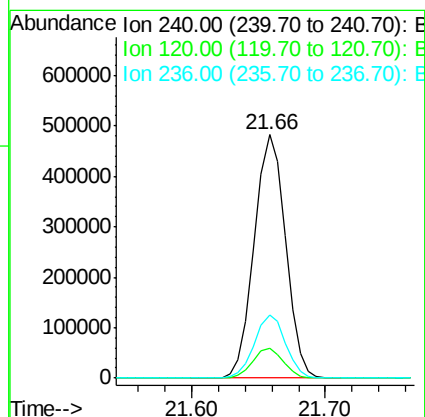
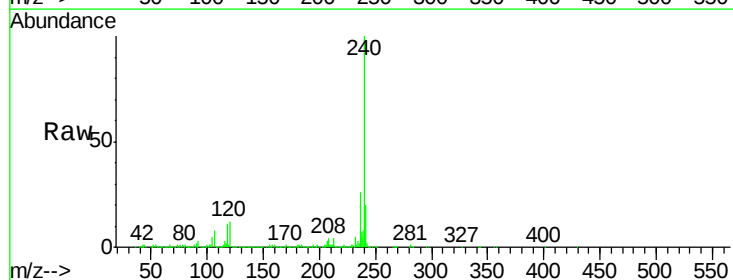
Instrument :
BNA_G
ClientSampleId :
E2-B1-B2-SOUTHSW-2

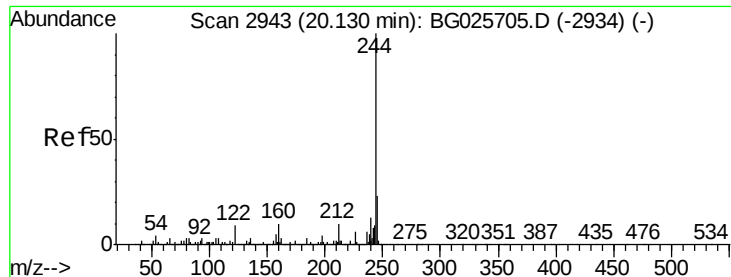
Tgt Ion:188 Resp: 734271
Ion Ratio Lower Upper
188 100
94 9.9 5.8 8.8#
80 10.7 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.66 min Scan# 3118
Delta R.T. -0.02 min
Lab File: BG025949.D
Acq: 25 Feb 2017 2:20

Tgt Ion:240 Resp: 782895
Ion Ratio Lower Upper
240 100
120 12.1 5.7 8.5#
236 26.2 22.2 33.4





#78

Terphenyl-d14

Concen: 57.37 ng

RT: 20.01 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BG025949.D

Acq: 25 Feb 2017 2:20

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BNA_G

ClientSampleId :

E2-B1-B2-SOUTHSW-2

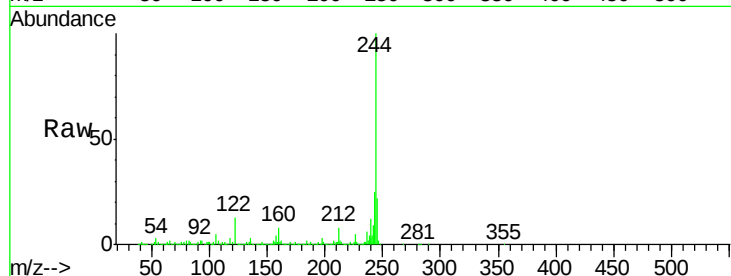
Tgt Ion:244 Resp: 1846600

Ion Ratio Lower Upper

244 100

212 8.3 10.0 15.0#

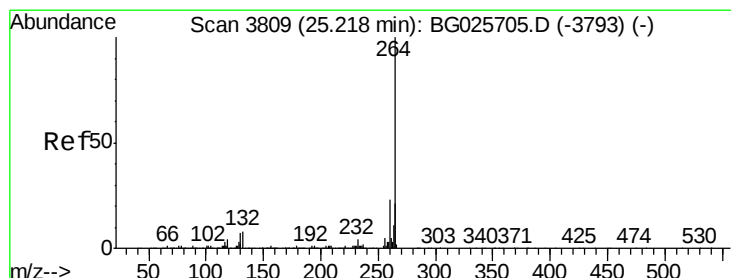
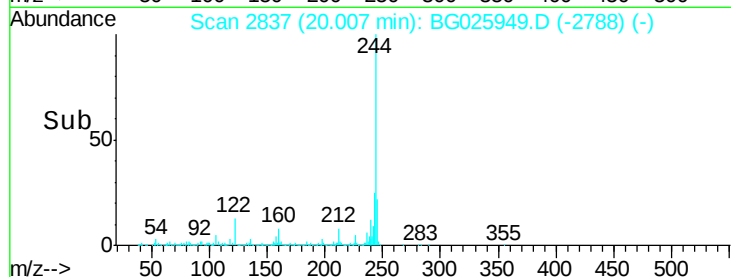
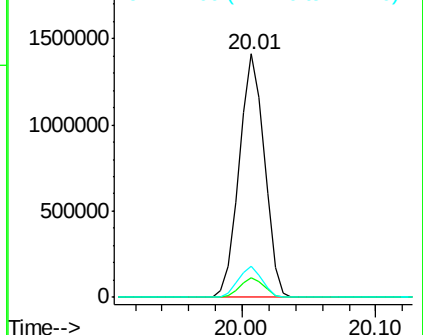
122 12.7 8.6 12.8



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: 24.86 min Scan# 3663

Delta R.T. -0.03 min

Lab File: BG025949.D

Acq: 25 Feb 2017 2:20

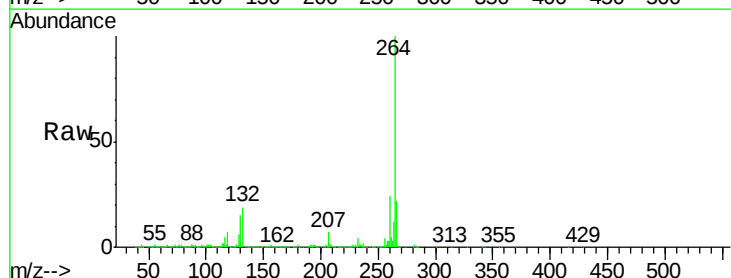
Tgt Ion:264 Resp: 760145

Ion Ratio Lower Upper

264 100

260 24.0 21.8 32.8

265 22.0 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

