

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062917\
 Data File : BG027749.D
 Acq On : 29 Jun 2017 20:32
 Operator : SJ/JU
 Sample : I3905-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 30 04:38:19 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

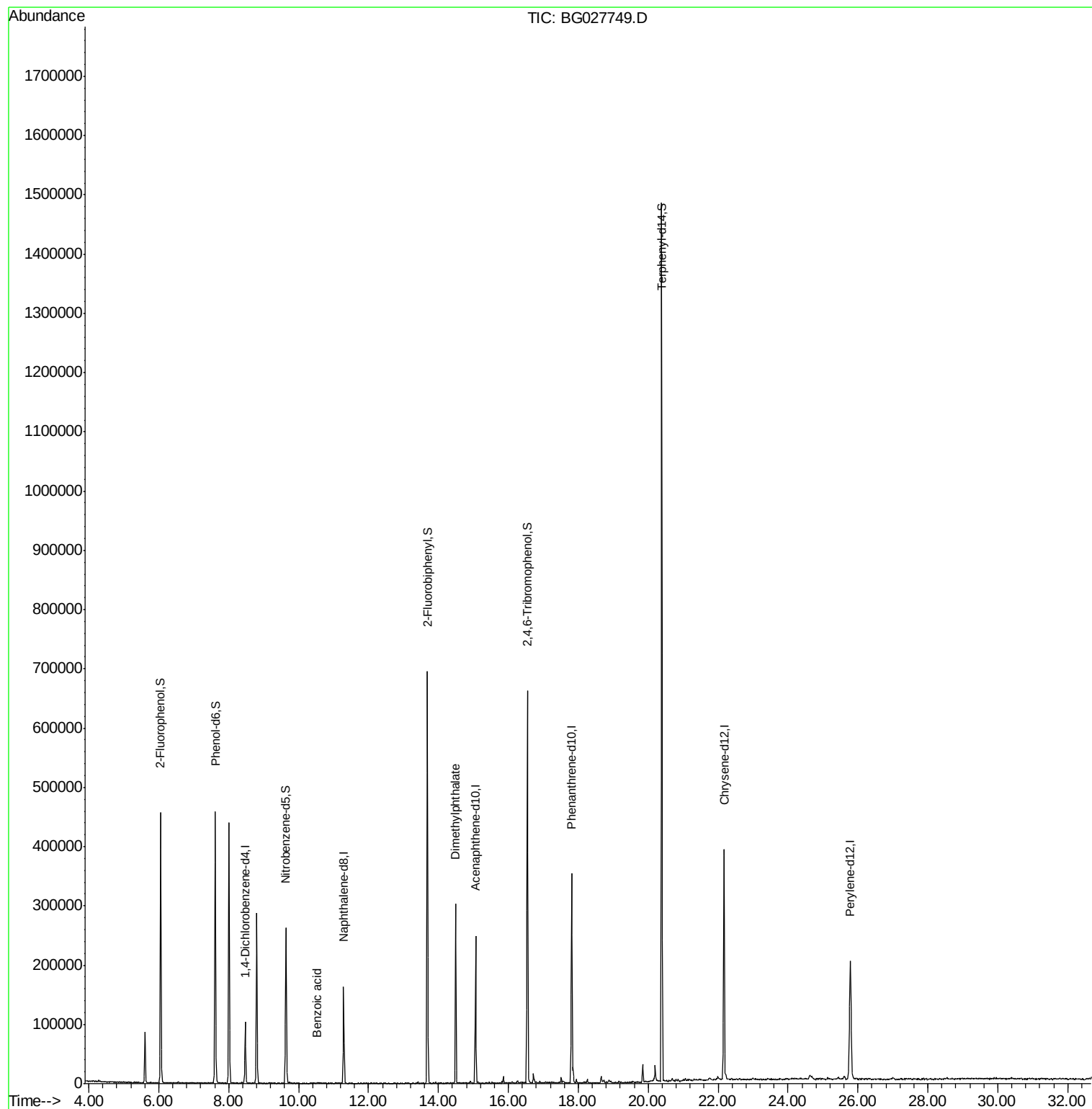
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	30452	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	145640	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	86683	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	222738	20.00	ng	0.00
75) Chrysene-d12	22.17	240	246933	20.00	ng	0.00
86) Perylene-d12	25.79	264	242122	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	200698	101.49	ng	0.00
7) Phenol-d6	7.61	99	282214	93.42	ng	0.00
23) Nitrobenzene-d5	9.64	82	164224	62.85	ng	0.00
41) 2,4,6-Tribromophenol	16.54	330	120924	101.71	ng	0.00
44) 2-Fluorobiphenyl	13.68	172	357515	58.90	ng	0.00
78) Terphenyl-d14	20.39	244	645369	61.27	ng	0.00
Target Compounds						
32) Benzoic acid	10.52	122	661	9.24	ng	Qvalue # 43
49) Dimethylphthalate	14.49	163	198093	26.79	ng	96

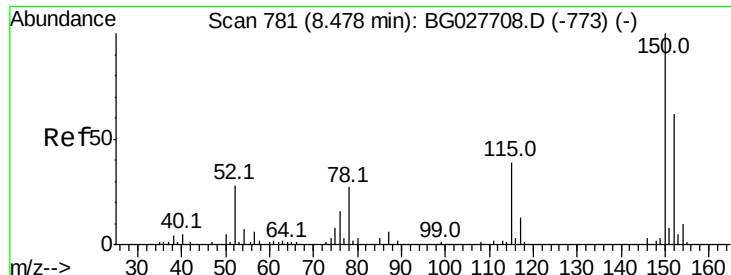
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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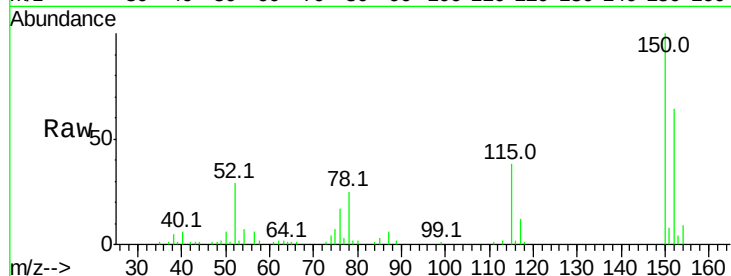


#1

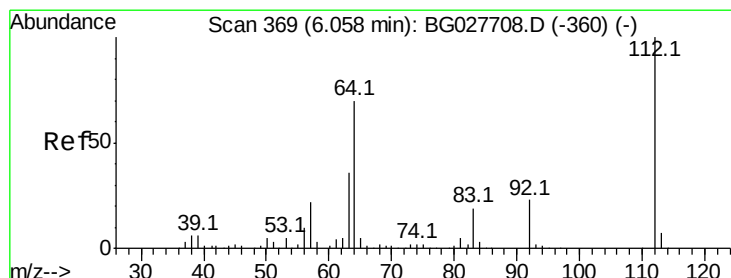
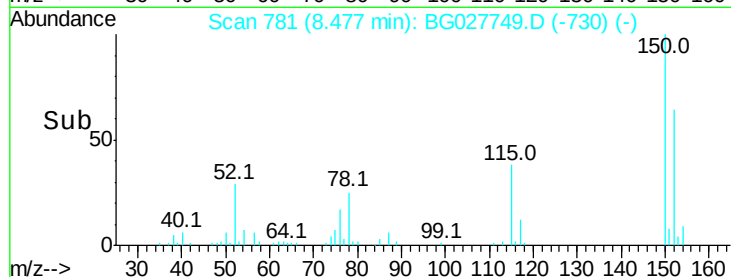
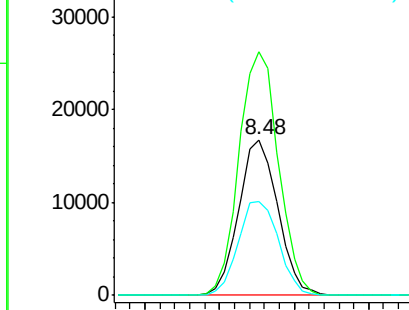
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027749.D
Acq: 29 Jun 2017 20:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 30452
Ion Ratio Lower Upper
152 100
150 156.6 114.0 171.0
115 60.1 48.1 72.1



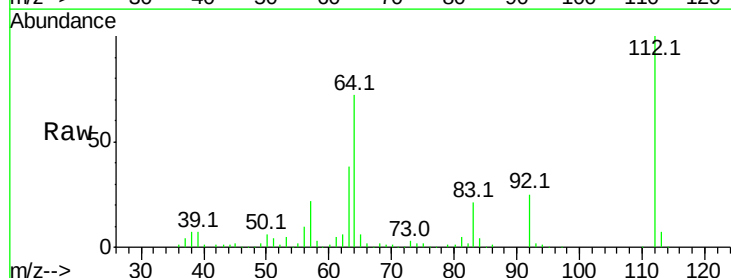
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



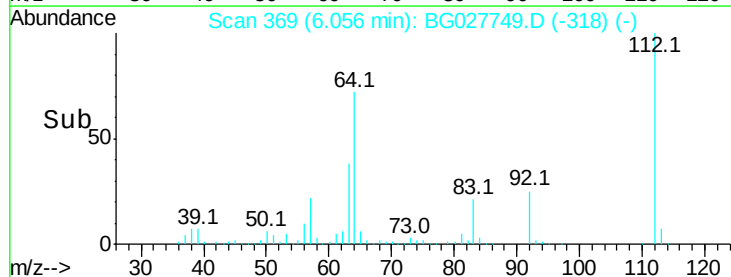
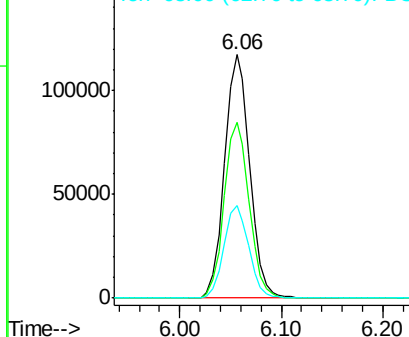
#5

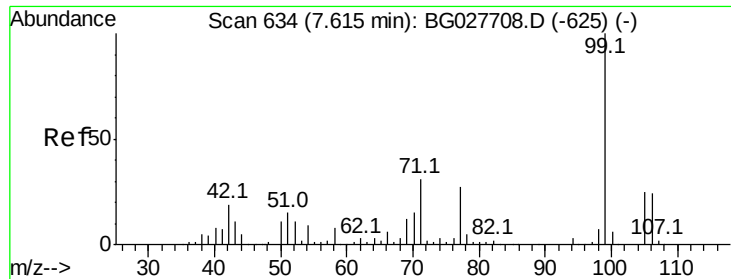
2-Fluorophenol
Concen: 101.49 ng
RT: 6.06 min Scan# 369
Delta R.T. -0.00 min
Lab File: BG027749.D
Acq: 29 Jun 2017 20:32

Tgt Ion:112 Resp: 200698
Ion Ratio Lower Upper
112 100
64 72.1 61.8 92.6
63 38.2 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: 93.42 ng

RT: 7.61 min Scan# 634

Delta R.T. -0.00 min

Lab File: BG027749.D

Acq: 29 Jun 2017 20:32

Instrument :

BNA_G

ClientSampleId :

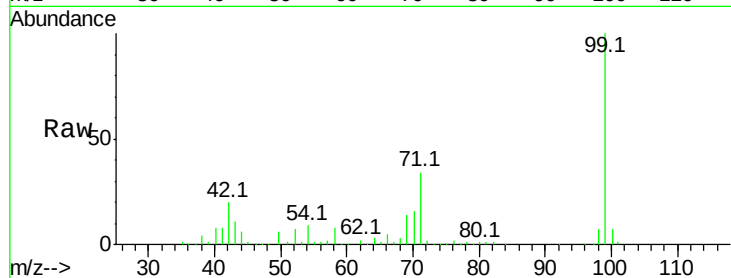
Tot Ion: 99 Resp: 282214

Ion Ratio Lower Upper

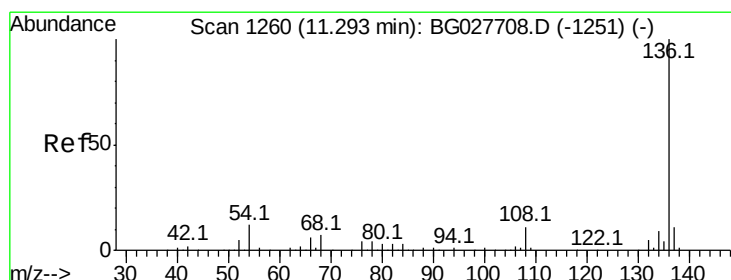
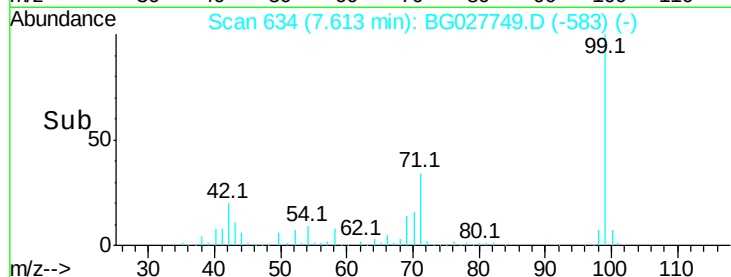
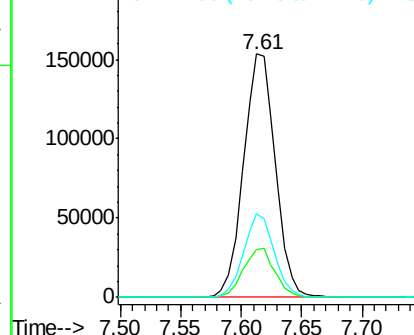
99 100

42 19.7 20.5 30.7#

71 34.1 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: 11.29 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BG027749.D

Acq: 29 Jun 2017 20:32

Tgt Ion: 136 Resp: 145640

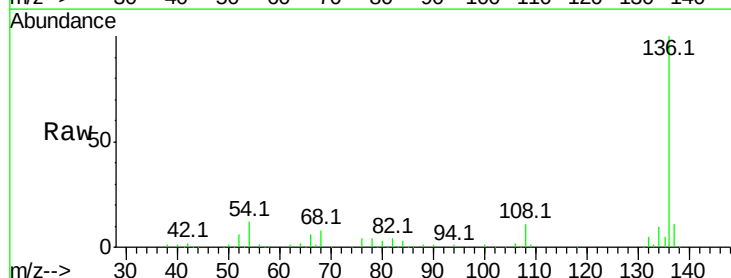
Ion Ratio Lower Upper

136 100

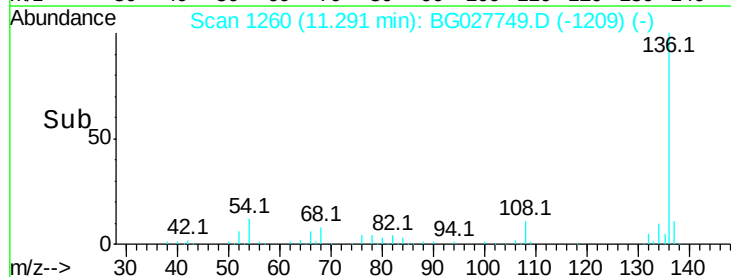
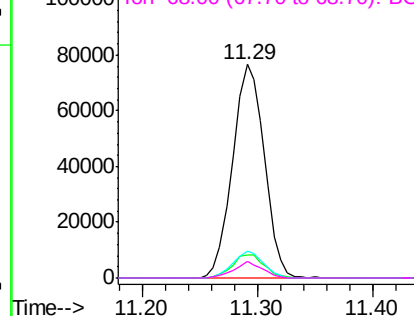
137 10.8 8.9 13.3

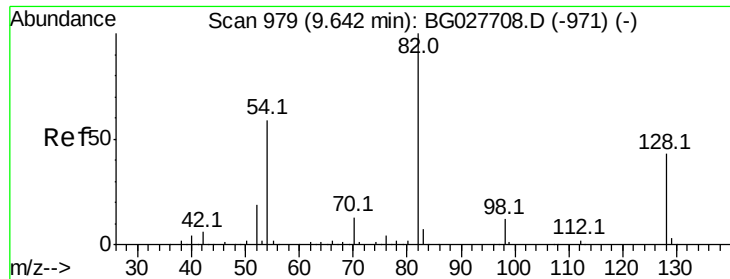
54 12.5 9.3 13.9

68 7.6 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

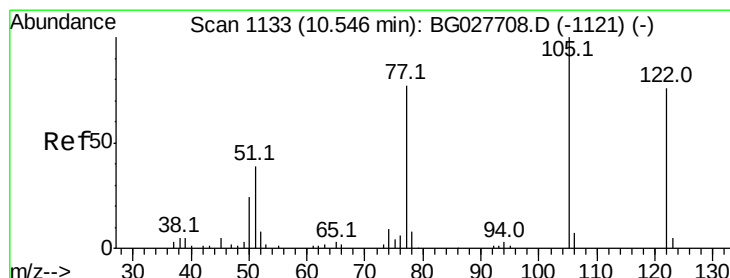
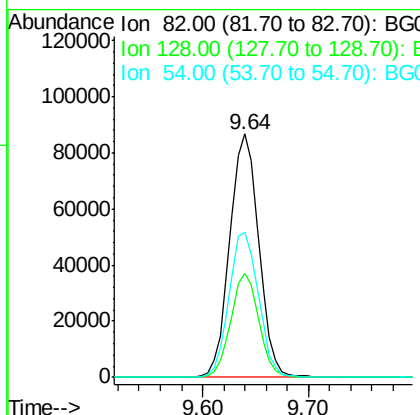
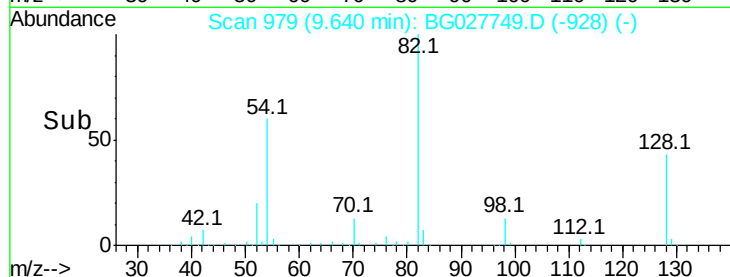
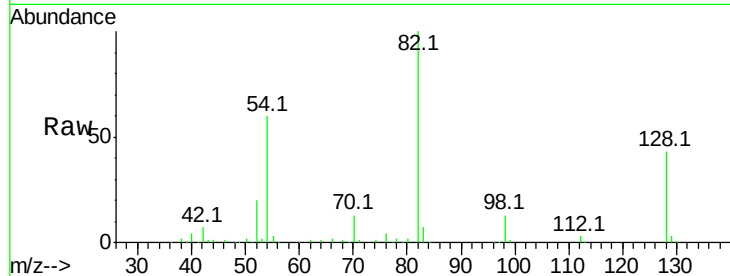




#23
 Nitrobenzene-d5
 Concen: 62.85 ng
 RT: 9.64 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BG027749.D
 Acq: 29 Jun 2017 20:32

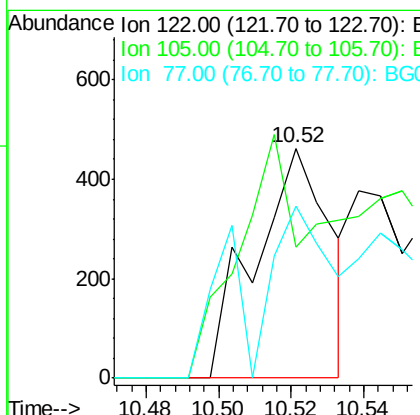
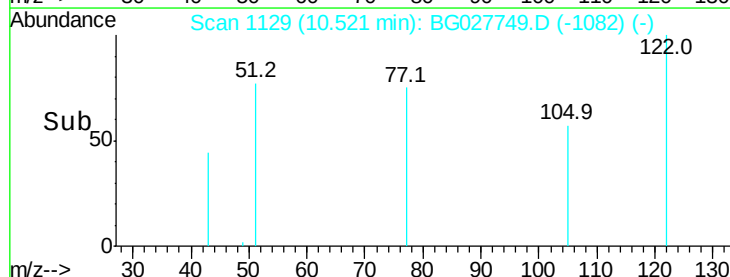
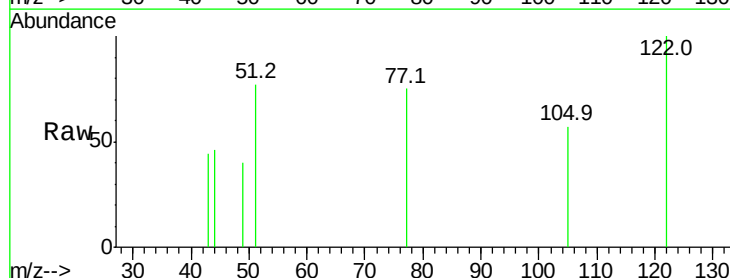
Instrument :
 BNA_G
 ClientSampled :

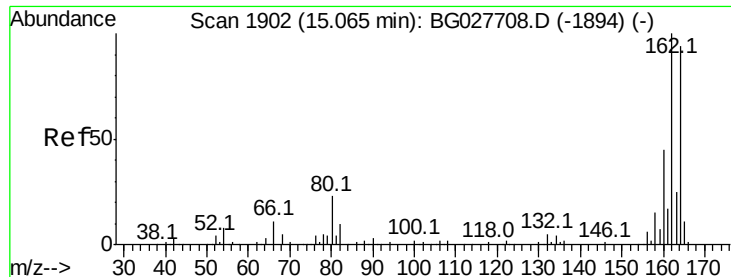
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	26.4	39.6#
54	59.7	49.4	74.2



#32
 Benzoic acid
 Concen: 9.24 ng
 RT: 10.52 min Scan# 1129
 Delta R.T. -0.02 min
 Lab File: BG027749.D
 Acq: 29 Jun 2017 20:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	57.1	120.1	160.1#
77	74.9	104.6	144.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.06 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG027749.D

Acq: 29 Jun 2017 20:32

Instrument :

BNA_G

ClientSampleId :

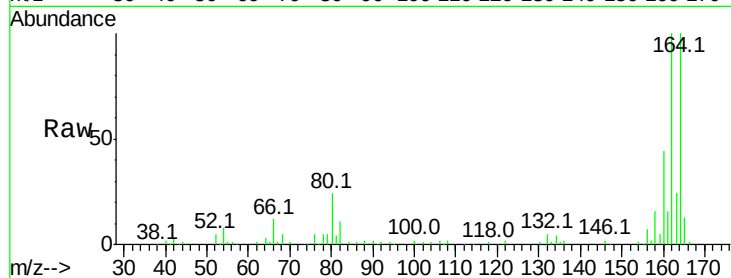
Tot Ion:164 Resp: 86683

Ion Ratio Lower Upper

164 100

162 99.8 85.1 127.7

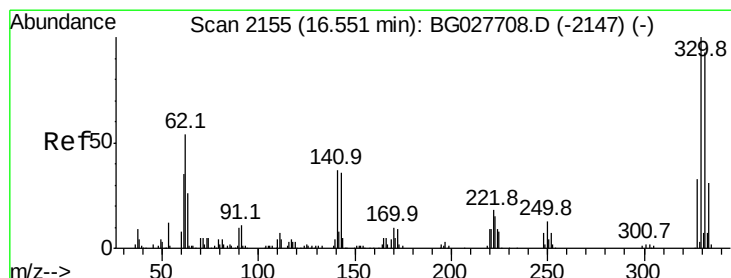
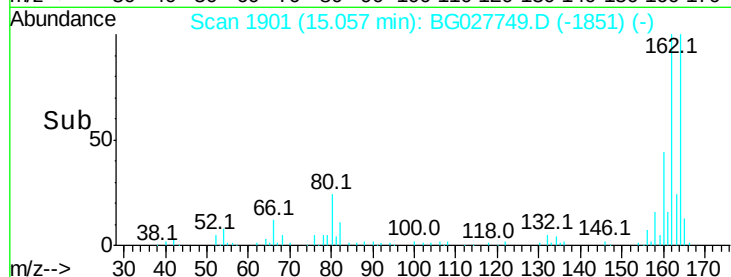
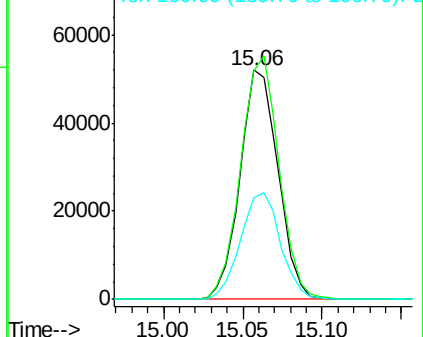
160 44.2 34.7 52.1



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: 101.71 ng

RT: 16.54 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BG027749.D

Acq: 29 Jun 2017 20:32

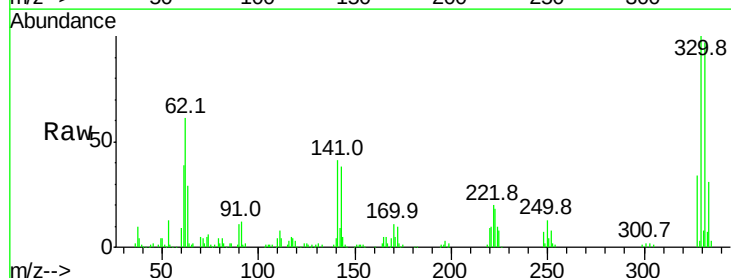
Tgt Ion:330 Resp: 120924

Ion Ratio Lower Upper

330 100

332 96.1 77.3 115.9

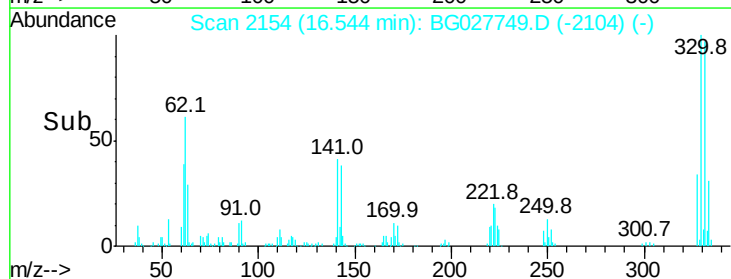
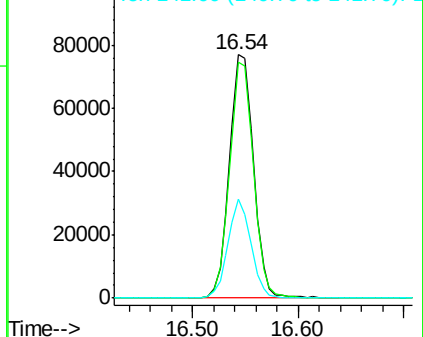
141 39.0 32.1 48.1

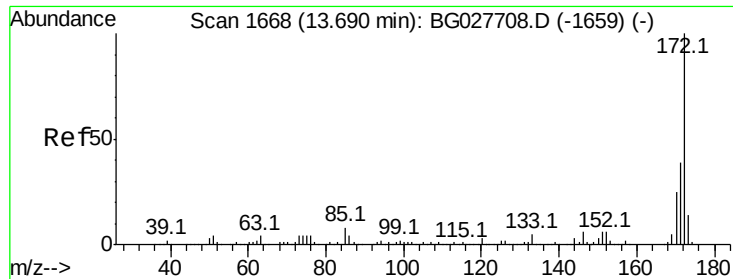


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

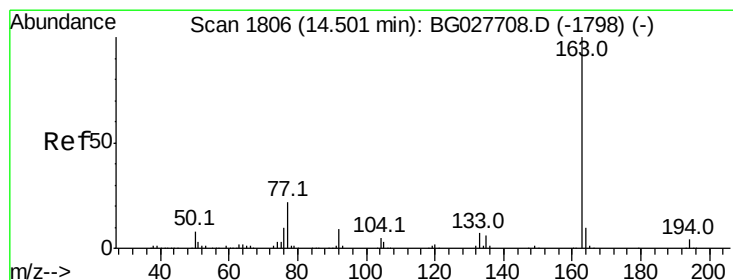
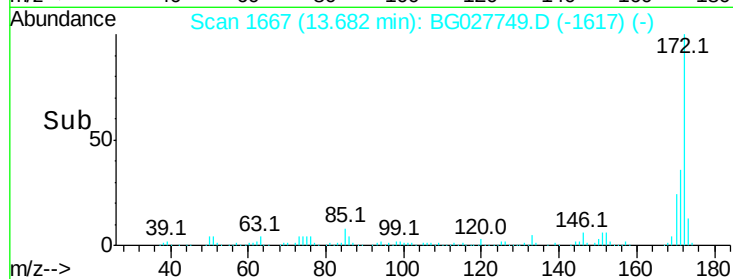
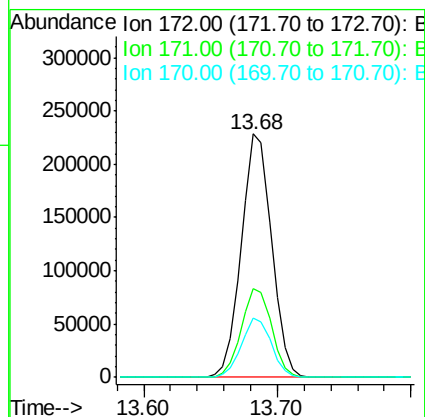
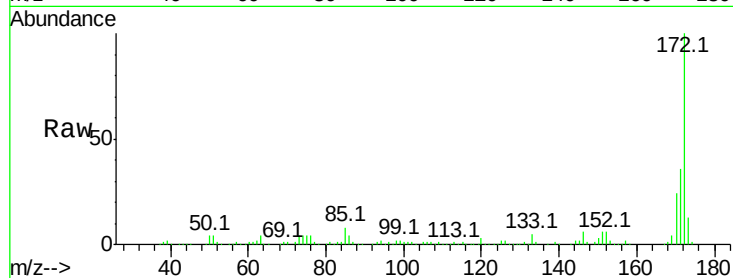




#44
2-Fluorobiphenyl
Concen: 58.90 ng
RT: 13.68 min Scan# 1667
Delta R.T. -0.01 min
Lab File: BG027749.D
Acq: 29 Jun 2017 20:32

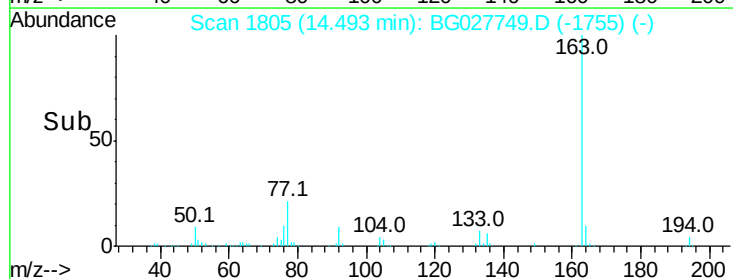
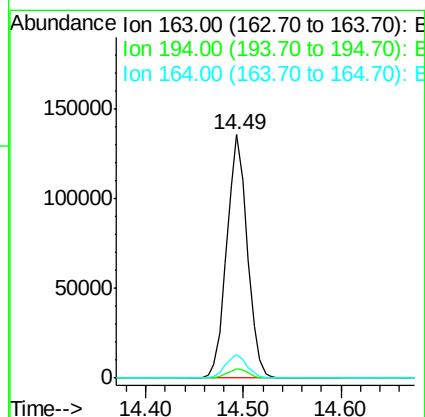
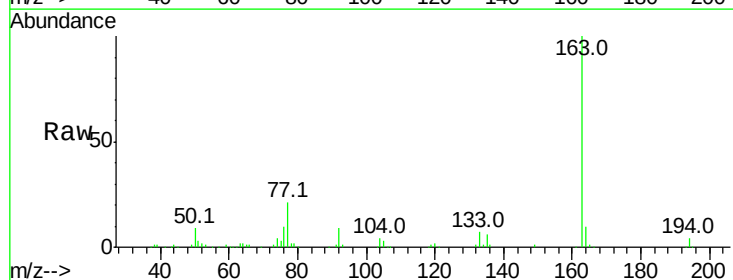
Instrument :
BNA_G
ClientSampleId :

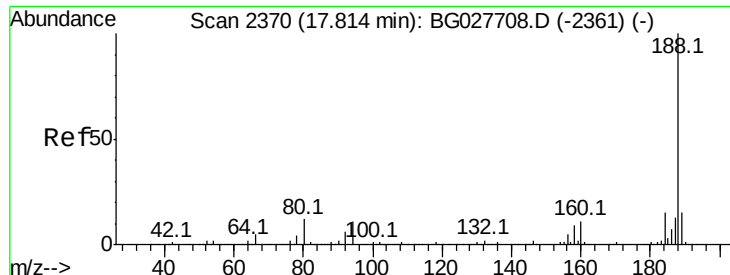
Tot Ion:172 Resp: 357515
Ion Ratio Lower Upper
172 100
171 36.4 32.2 48.2
170 24.4 21.8 32.6



#49
Dimethylphthalate
Concen: 26.79 ng
RT: 14.49 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BG027749.D
Acq: 29 Jun 2017 20:32

Tgt Ion:163 Resp: 198093
Ion Ratio Lower Upper
163 100
194 4.0 3.8 5.6
164 9.7 9.3 13.9

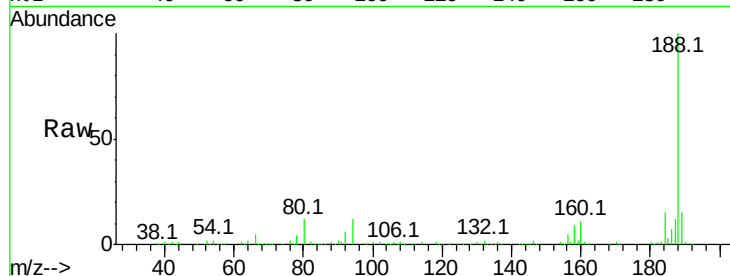




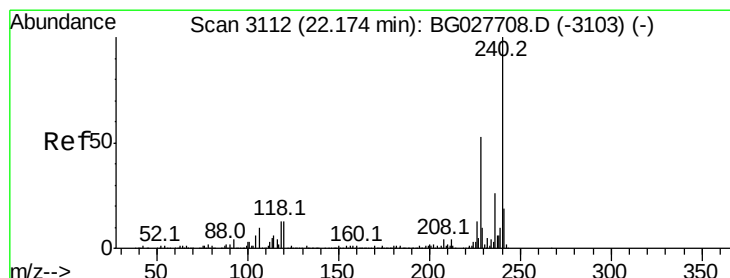
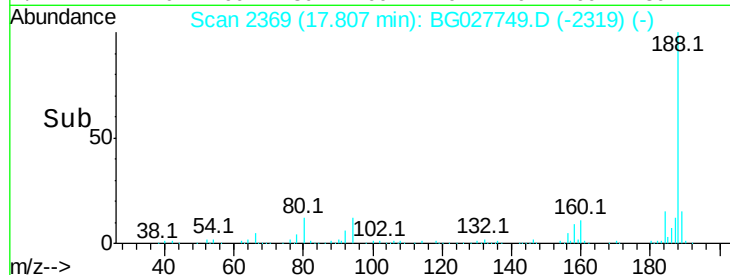
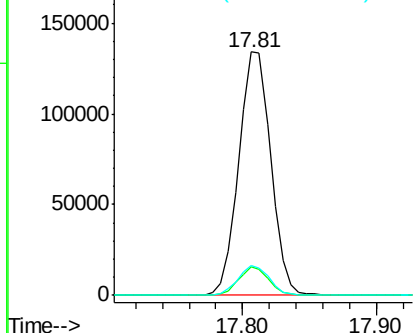
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.81 min Scan# 2369
Delta R.T. -0.01 min
Lab File: BG027749.D
Acq: 29 Jun 2017 20:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 222738
Ion Ratio Lower Upper
188 100
94 12.0 5.8 8.8#
80 12.2 7.5 11.3#

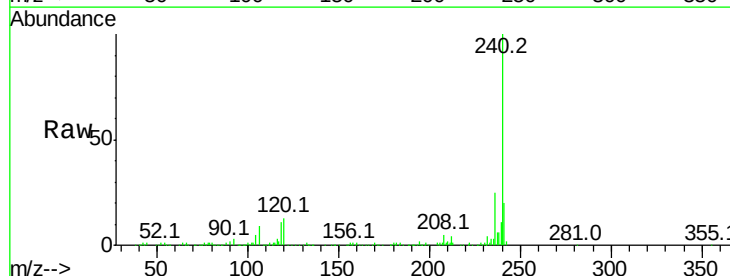


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

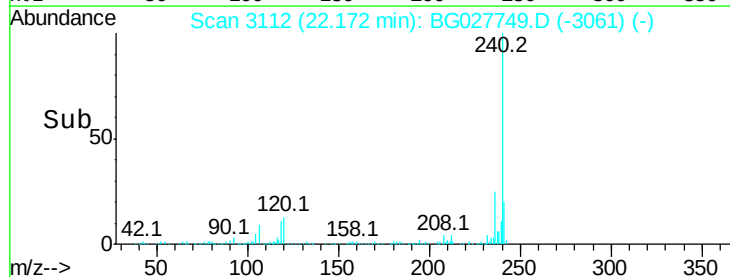
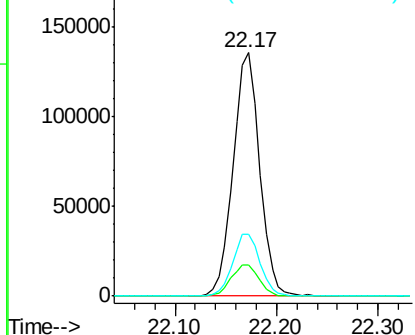


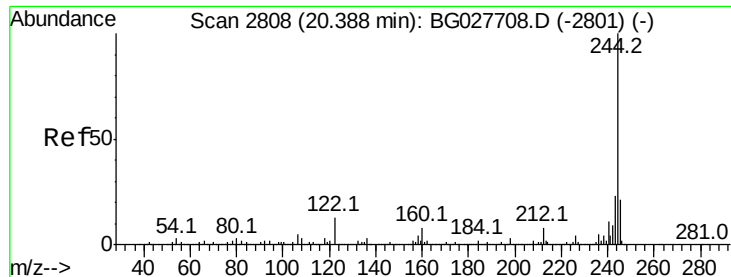
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.17 min Scan# 3112
Delta R.T. -0.00 min
Lab File: BG027749.D
Acq: 29 Jun 2017 20:32

Tgt Ion:240 Resp: 246933
Ion Ratio Lower Upper
240 100
120 12.6 5.7 8.5#
236 25.4 22.2 33.4



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





#78

Terphenyl-d14

Concen: 61.27 ng

RT: 20.39 min Scan# 2808

Delta R.T. -0.00 min

Lab File: BG027749.D

Acq: 29 Jun 2017 20:32

Instrument :

BNA_G

ClientSampleId :

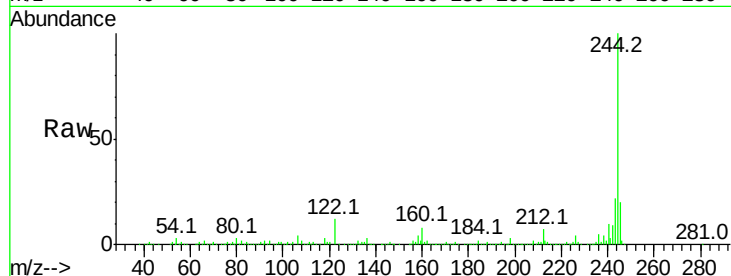
Tot Ion:244 Resp: 645369

Ion Ratio Lower Upper

244 100

212 7.2 10.0 15.0#

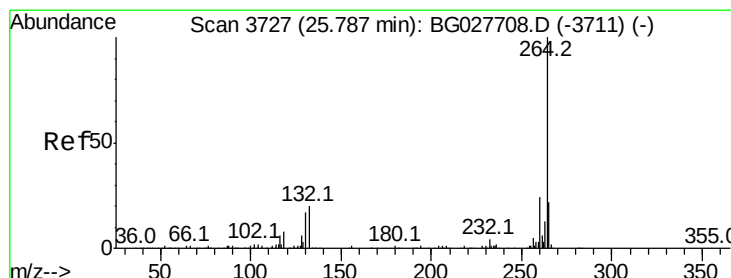
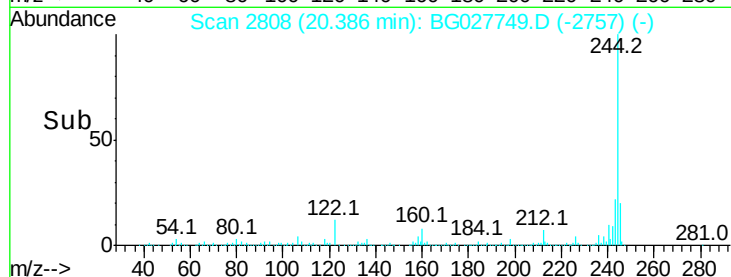
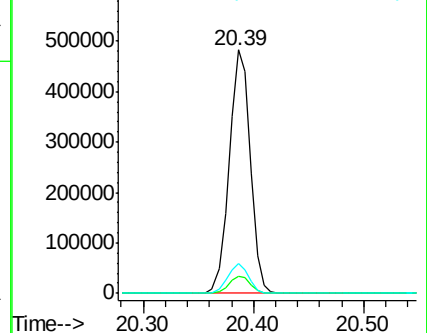
122 12.4 8.6 12.8



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: 25.79 min Scan# 3727

Delta R.T. -0.00 min

Lab File: BG027749.D

Acq: 29 Jun 2017 20:32

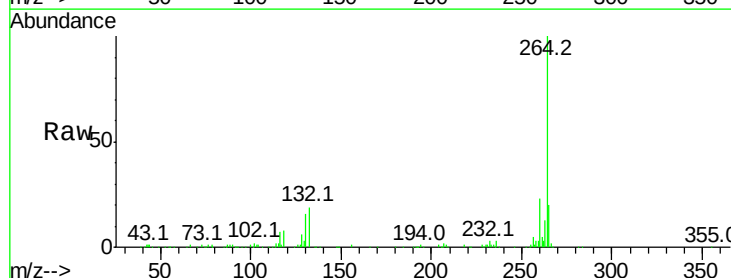
Tgt Ion:264 Resp: 242122

Ion Ratio Lower Upper

264 100

260 23.3 21.8 32.8

265 19.6 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

