

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070717\
 Data File : BG027872.D
 Acq On : 7 Jul 2017 17:20
 Operator : SJ/JU
 Sample : I4061-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 07 18:35:56 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 17:43:21 2017
 Response via : Initial Calibration

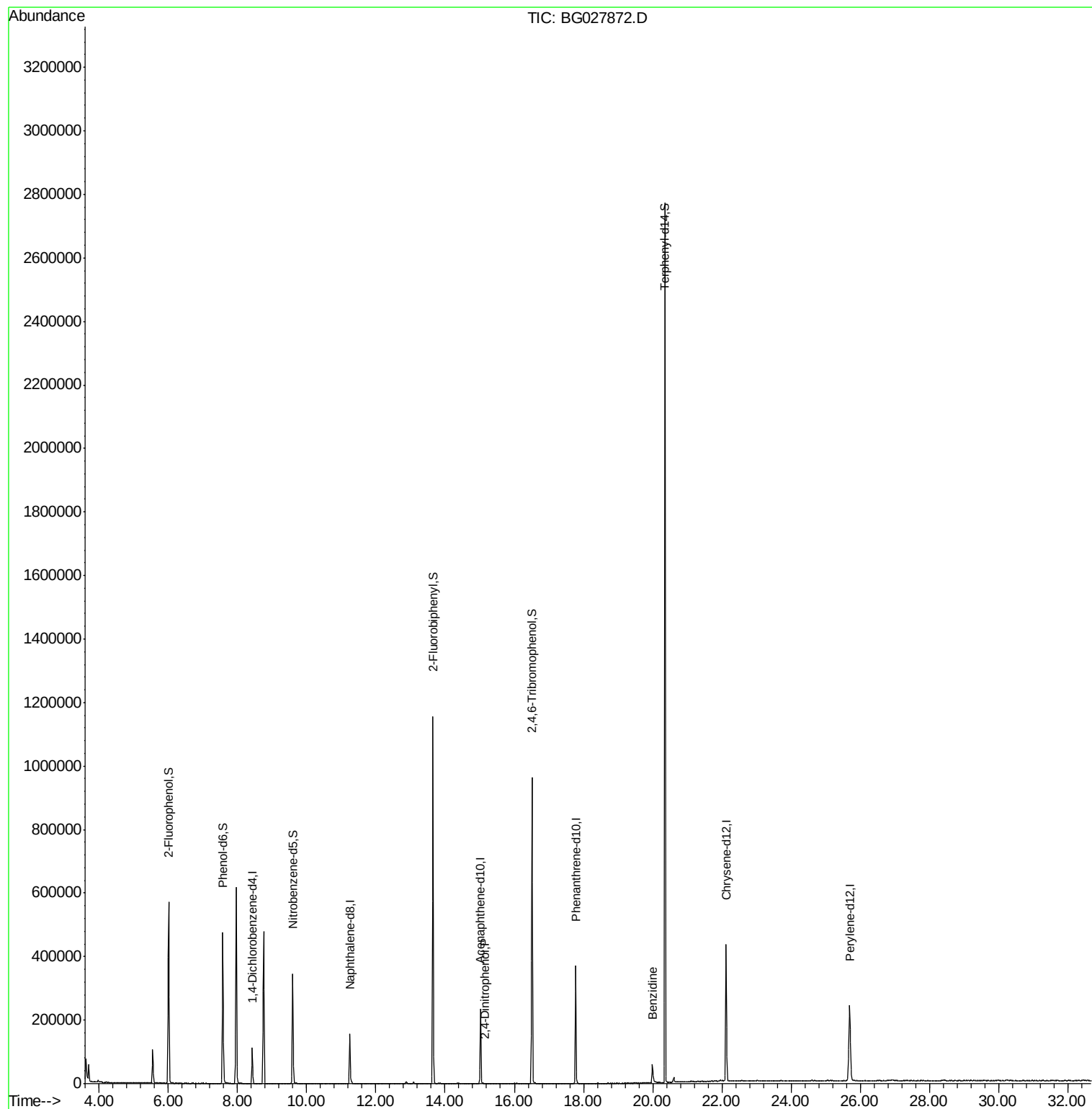
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	37359	20.00	ng	0.00
21) Naphthalene-d8	11.25	136	161014	20.00	ng	0.00
38) Acenaphthene-d10	15.02	164	88021	20.00	ng	0.00
63) Phenanthrene-d10	17.77	188	231478	20.00	ng	0.00
75) Chrysene-d12	22.12	240	280311	20.00	ng	0.00
86) Perylene-d12	25.69	264	270434	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.01	112	326846	134.72	ng	0.00
7) Phenol-d6	7.58	99	398900	107.63	ng	0.00
23) Nitrobenzene-d5	9.60	82	247318	85.62	ng	0.00
41) 2,4,6-Tribromophenol	16.52	330	231234	191.53	ng	0.00
44) 2-Fluorobiphenyl	13.65	172	635088	103.05	ng	0.00
78) Terphenyl-d14	20.35	244	1278865	106.96	ng	0.00
Target Compounds						
53) 2,4-Dinitrophenol	15.16	184	62	8.64	ng	Qvalue # 15
76) Benzidine	20.00	184	55011	10.91	ng	95

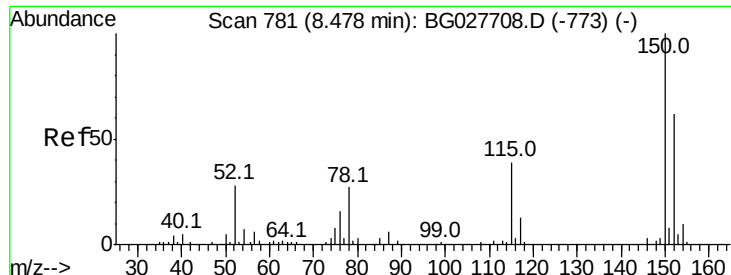
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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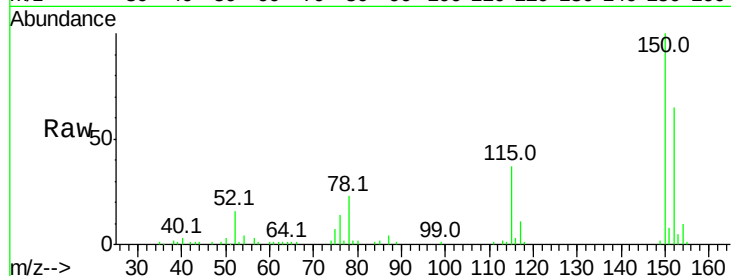


#1

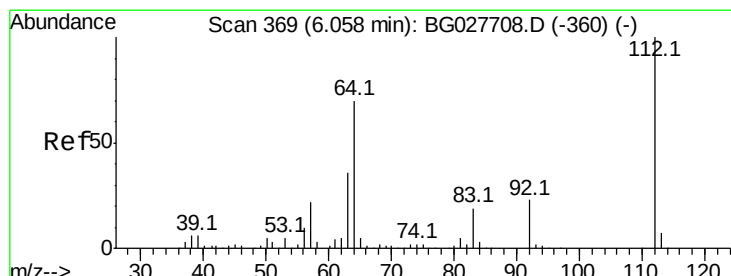
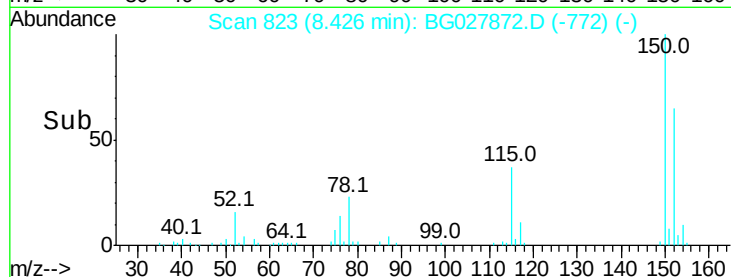
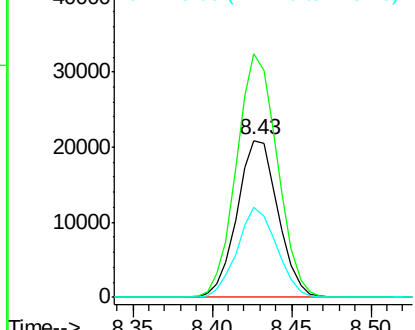
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.43 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG027872.D
Acq: 7 Jul 2017 17:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 37359
Ion Ratio Lower Upper
152 100
150 155.0 114.0 171.0
115 57.1 48.1 72.1



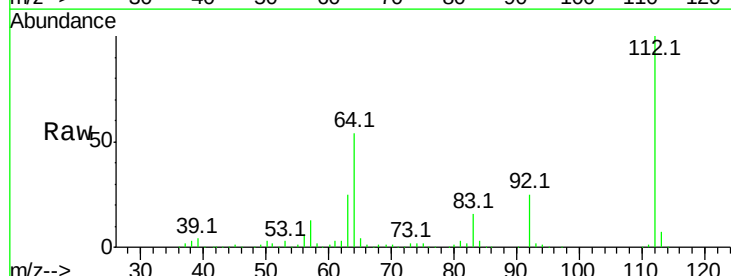
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



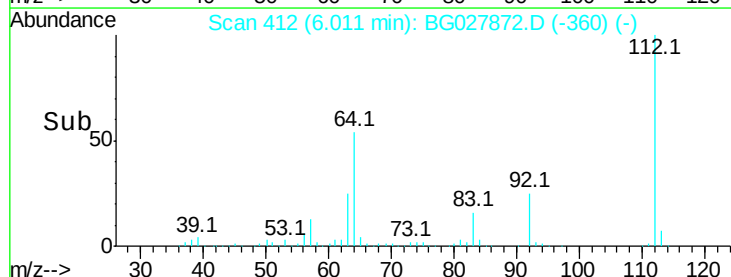
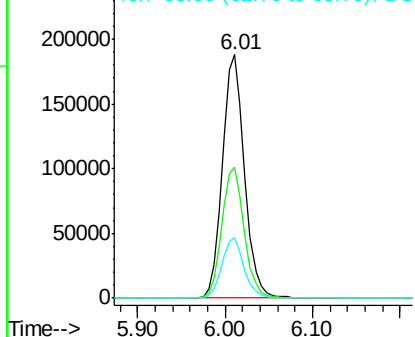
#5

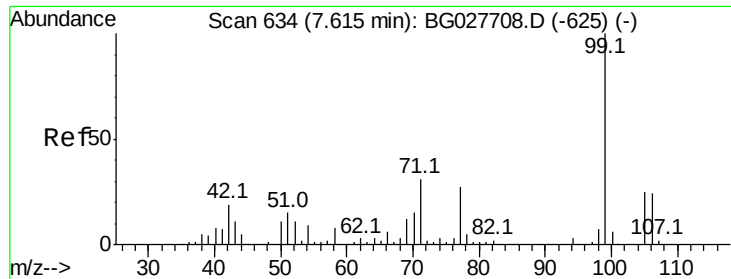
2-Fluorophenol
Concen: 134.72 ng
RT: 6.01 min Scan# 412
Delta R.T. 0.01 min
Lab File: BG027872.D
Acq: 7 Jul 2017 17:20

Tgt Ion:112 Resp: 326846
Ion Ratio Lower Upper
112 100
64 53.6 61.8 92.6#
63 24.6 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 107.63 ng

RT: 7.58 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG027872.D

Acq: 7 Jul 2017 17:20

Instrument :

BNA_G

ClientSampleId :

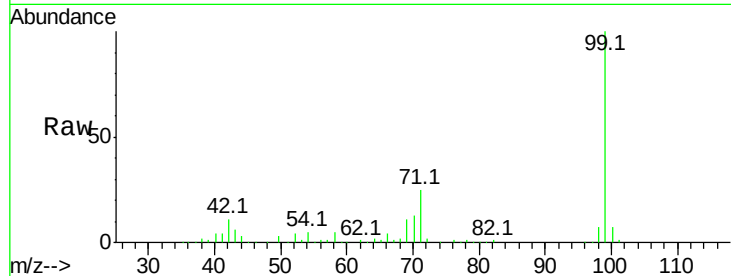
Tot Ion: 99 Resp: 398900

Ion Ratio Lower Upper

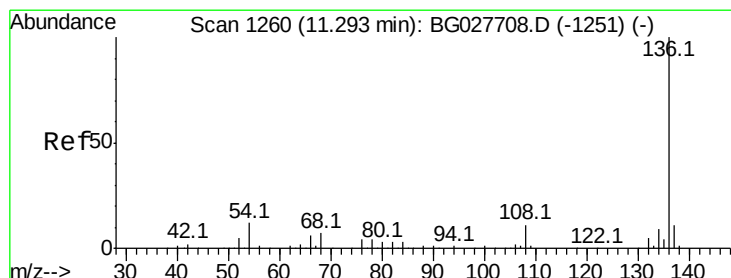
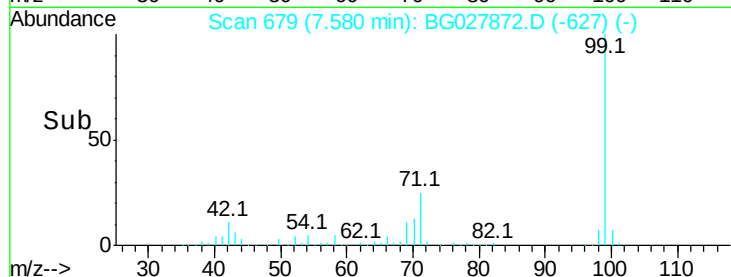
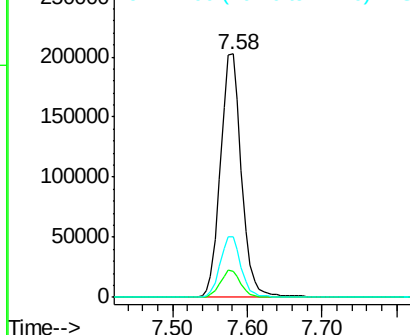
99 100

42 10.7 20.5 30.7#

71 25.1 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: 11.25 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BG027872.D

Acq: 7 Jul 2017 17:20

Tgt Ion: 136 Resp: 161014

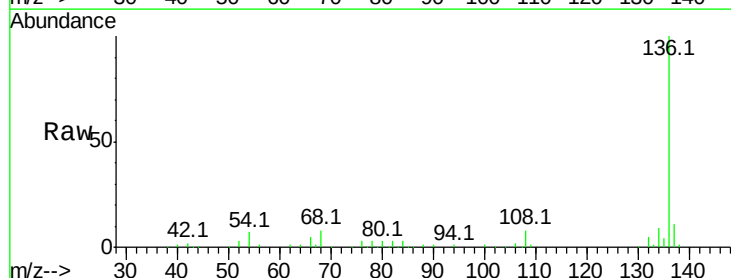
Ion Ratio Lower Upper

136 100

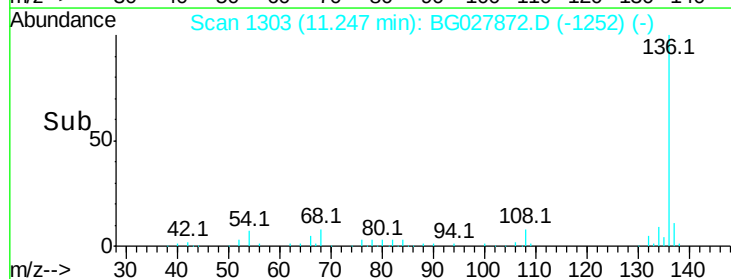
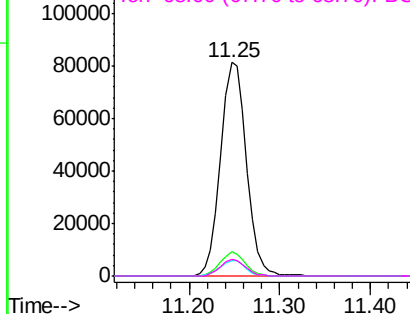
137 11.4 8.9 13.3

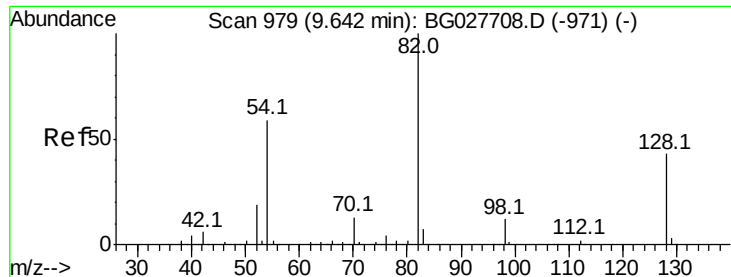
54 7.2 9.3 13.9#

68 7.8 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

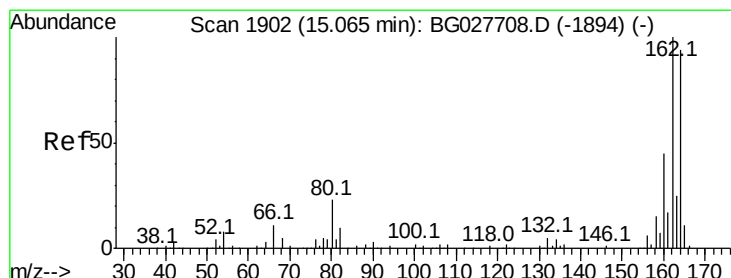
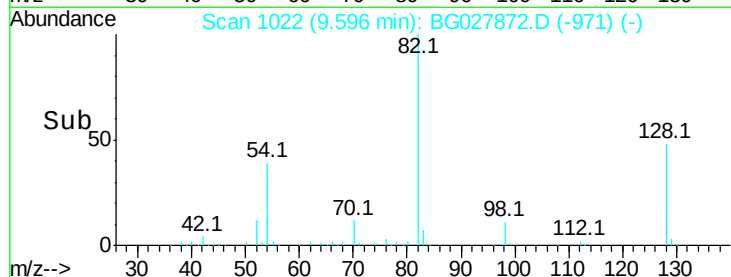
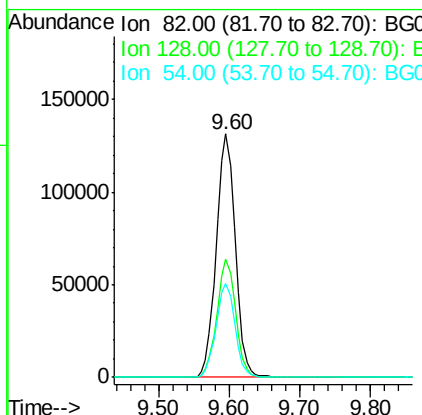
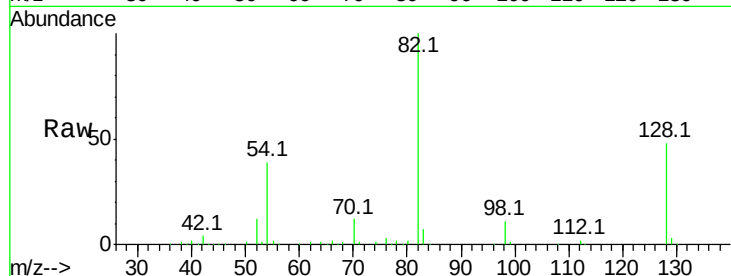




#23
 Nitrobenzene-d5
 Concen: 85.62 ng
 RT: 9.60 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BG027872.D
 Acq: 7 Jul 2017 17:20

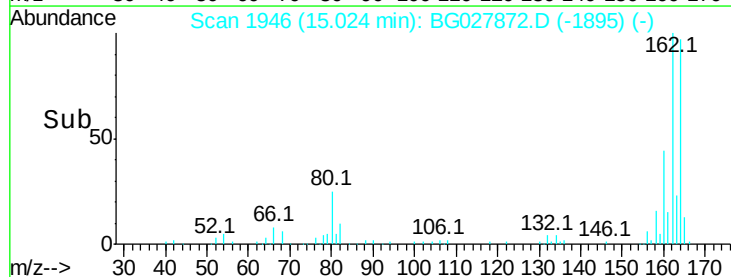
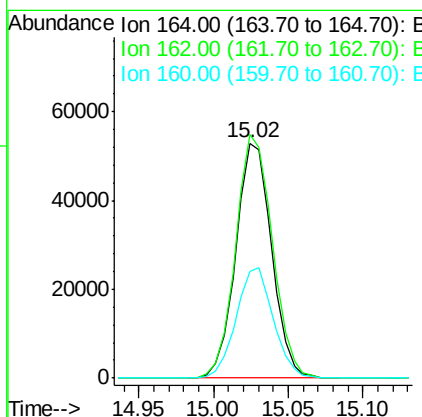
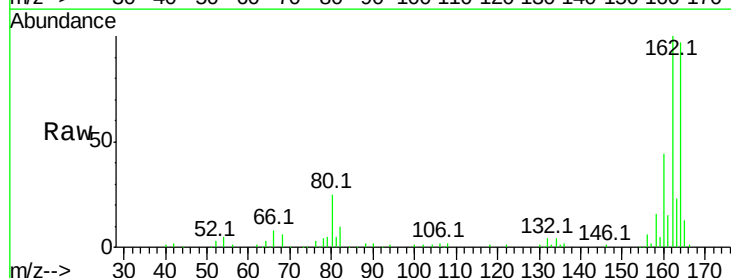
Instrument :
 BNA_G
 ClientSampleId :

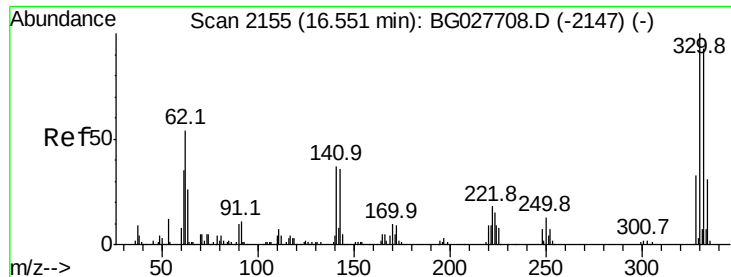
Tot Ion: 82 Resp: 247318
 Ion Ratio Lower Upper
 82 100
 128 48.4 26.4 39.6#
 54 38.7 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: BG027872.D
 Acq: 7 Jul 2017 17:20

Tgt Ion:164 Resp: 88021
 Ion Ratio Lower Upper
 164 100
 162 103.6 85.1 127.7
 160 45.5 34.7 52.1





#41

2,4,6-Tribromophenol

Concen: 191.53 ng

RT: 16.52 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG027872.D

Acq: 7 Jul 2017 17:20

Instrument :

BNA_G

ClientSampleId :

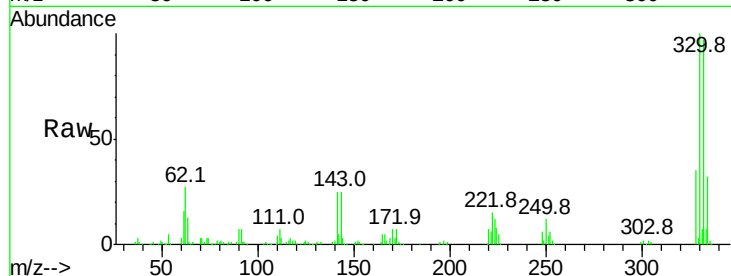
Tot Ion:330 Resp: 231234

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

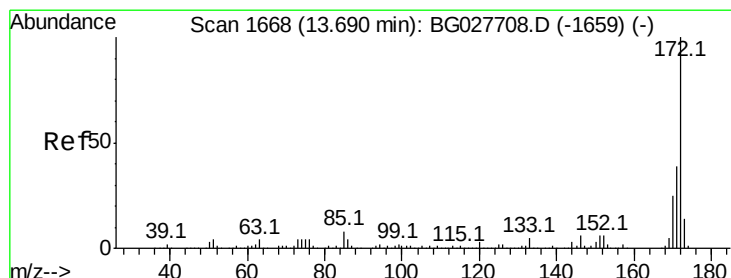
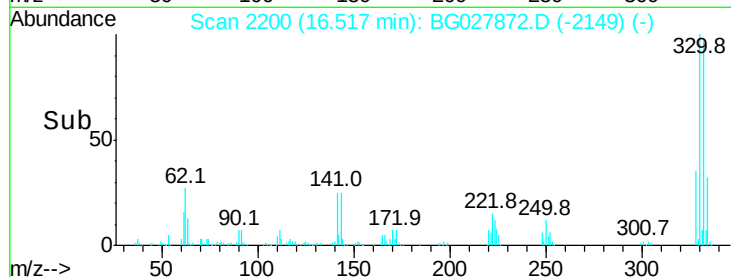
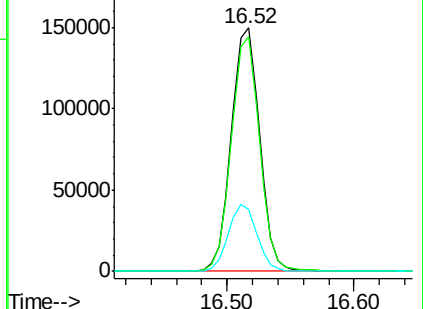
141 27.9 32.1 48.1#



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: 103.05 ng

RT: 13.65 min Scan# 1712

Delta R.T. -0.00 min

Lab File: BG027872.D

Acq: 7 Jul 2017 17:20

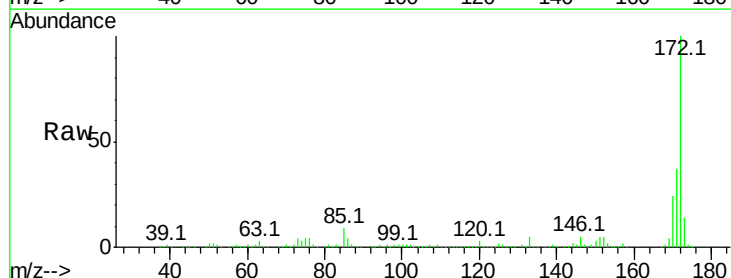
Tgt Ion:172 Resp: 635088

Ion Ratio Lower Upper

172 100

171 37.3 32.2 48.2

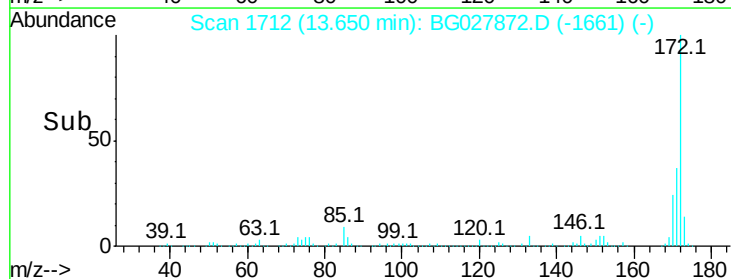
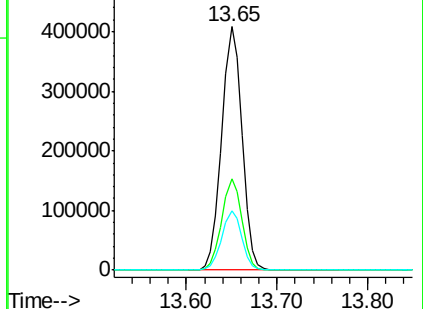
170 24.3 21.8 32.6

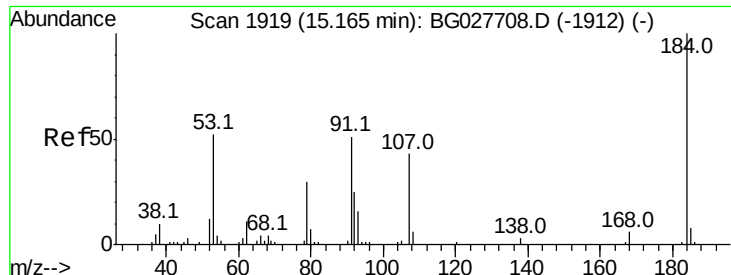


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

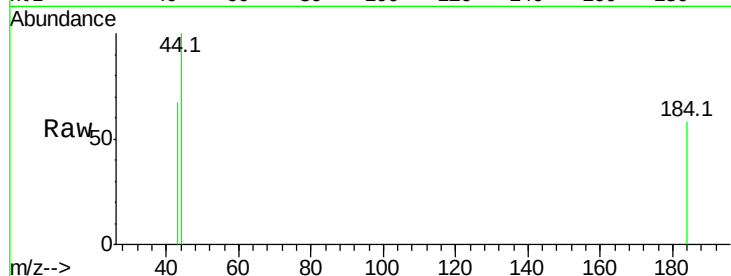




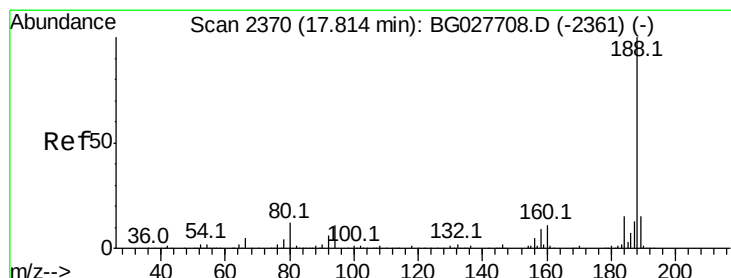
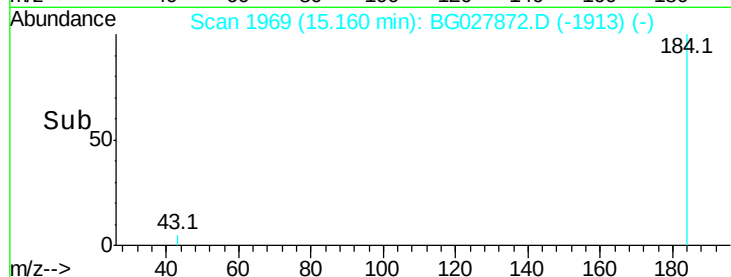
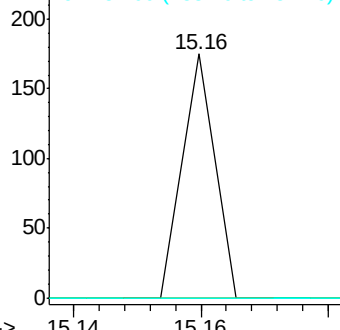
#53
 2,4-Dinitrophenol
 Concen: 8.64 ng
 RT: 15.16 min Scan# 1969
 Delta R.T. 0.03 min
 Lab File: BG027872.D
 Acq: 7 Jul 2017 17:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 62
 Ion Ratio Lower Upper
 184 100
 63 0.0 52.7 79.1#
 154 0.0 57.3 85.9#

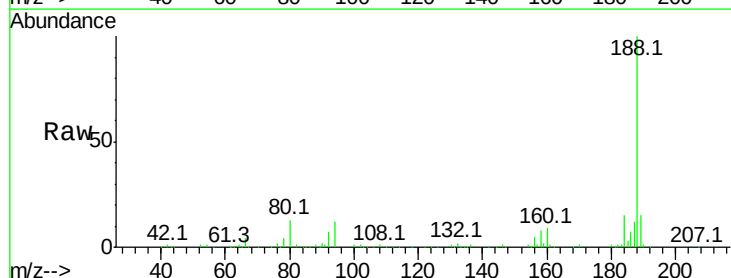


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

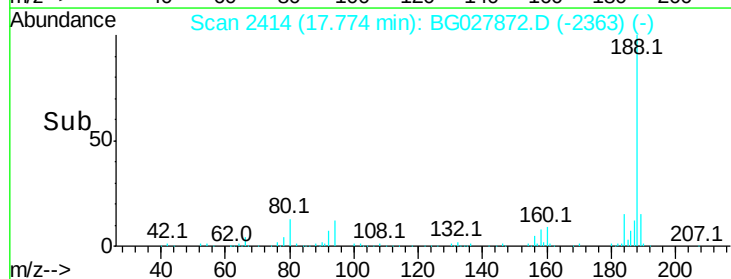
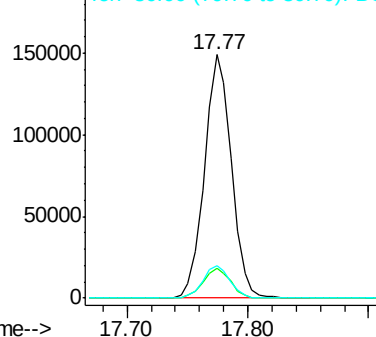


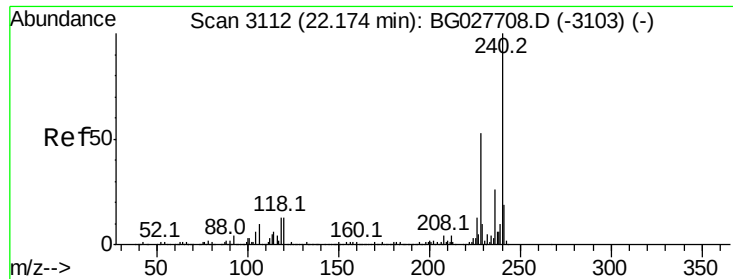
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.77 min Scan# 2414
 Delta R.T. -0.00 min
 Lab File: BG027872.D
 Acq: 7 Jul 2017 17:20

Tgt Ion:188 Resp: 231478
 Ion Ratio Lower Upper
 188 100
 94 12.0 5.8 8.8#
 80 13.4 7.5 11.3#



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.12 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BG027872.D

Acq: 7 Jul 2017 17:20

Instrument :

BNA_G

ClientSampleId :

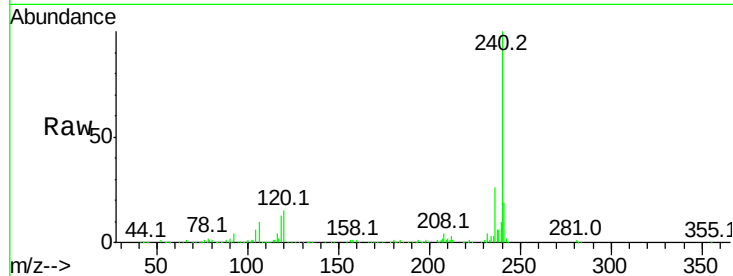
Tot Ion:240 Resp: 280311

Ion Ratio Lower Upper

240 100

120 15.4 5.7 8.5#

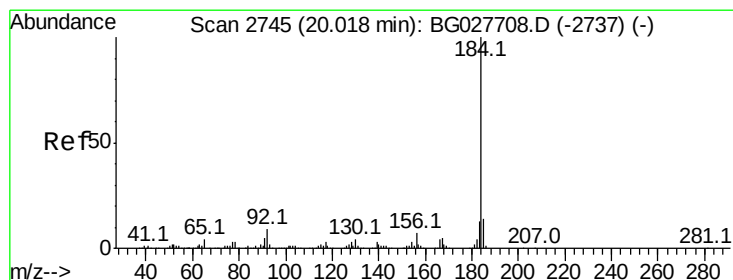
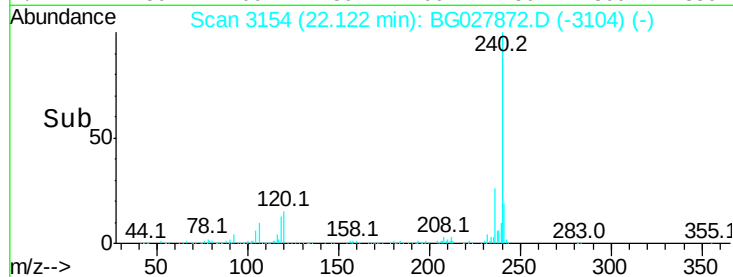
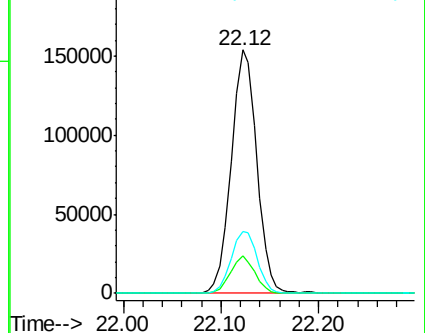
236 25.6 22.2 33.4



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



#76

Benzidine

Concen: 10.91 ng

RT: 20.00 min Scan# 2792

Delta R.T. 0.01 min

Lab File: BG027872.D

Acq: 7 Jul 2017 17:20

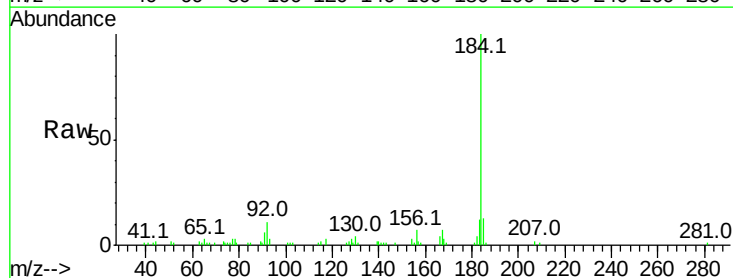
Tgt Ion:184 Resp: 55011

Ion Ratio Lower Upper

184 100

185 13.3 13.0 19.6

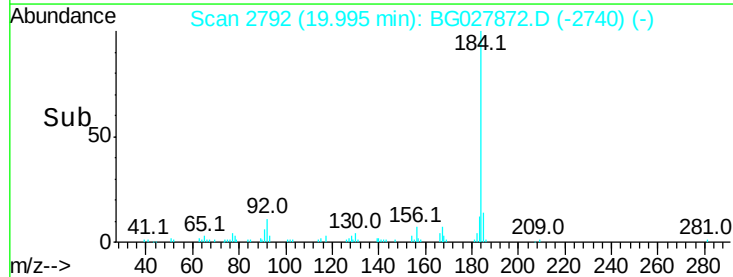
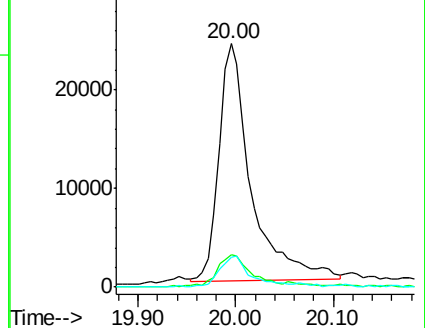
183 12.3 11.0 16.6

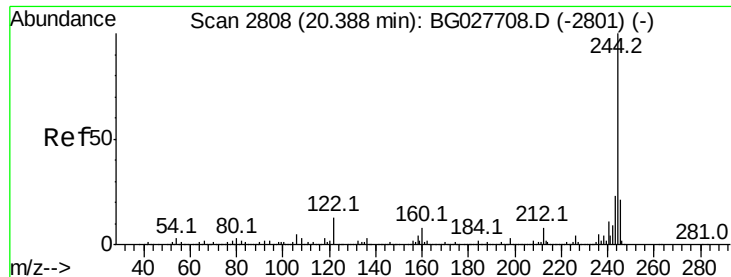


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 106.96 ng

RT: 20.35 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG027872.D

Acq: 7 Jul 2017 17:20

Instrument :

BNA_G

ClientSampleId :

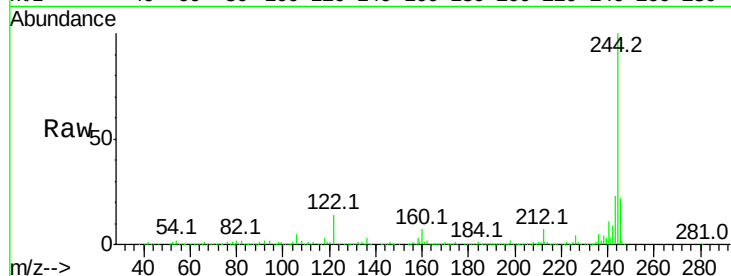
Tot Ion:244 Resp: 1278865

Ion	Ratio	Lower	Upper
244	100		
212	6.5	10.0	15.0#
122	14.3	8.6	12.8#

244 100

212 6.5 10.0 15.0#

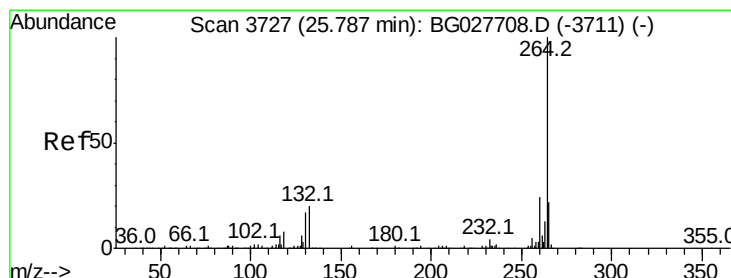
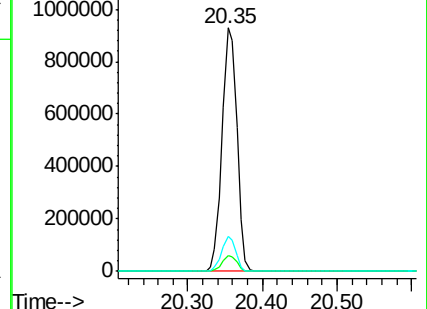
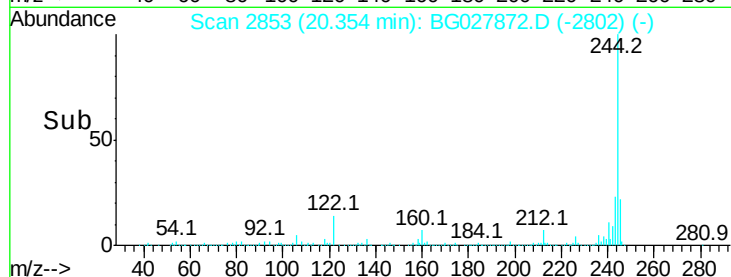
122 14.3 8.6 12.8#



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: 25.69 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BG027872.D

Acq: 7 Jul 2017 17:20

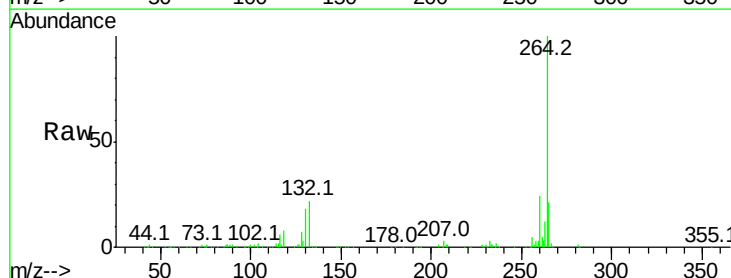
Tgt Ion:264 Resp: 270434

Ion	Ratio	Lower	Upper
264	100		
260	23.7	21.8	32.8
265	20.9	18.2	27.4

264 100

260 23.7 21.8 32.8

265 20.9 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

