

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091317\
 Data File : BG028714.D
 Acq On : 14 Sep 2017 2:46
 Operator : SJ/JU
 Sample : I5175-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 14 05:50:31 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

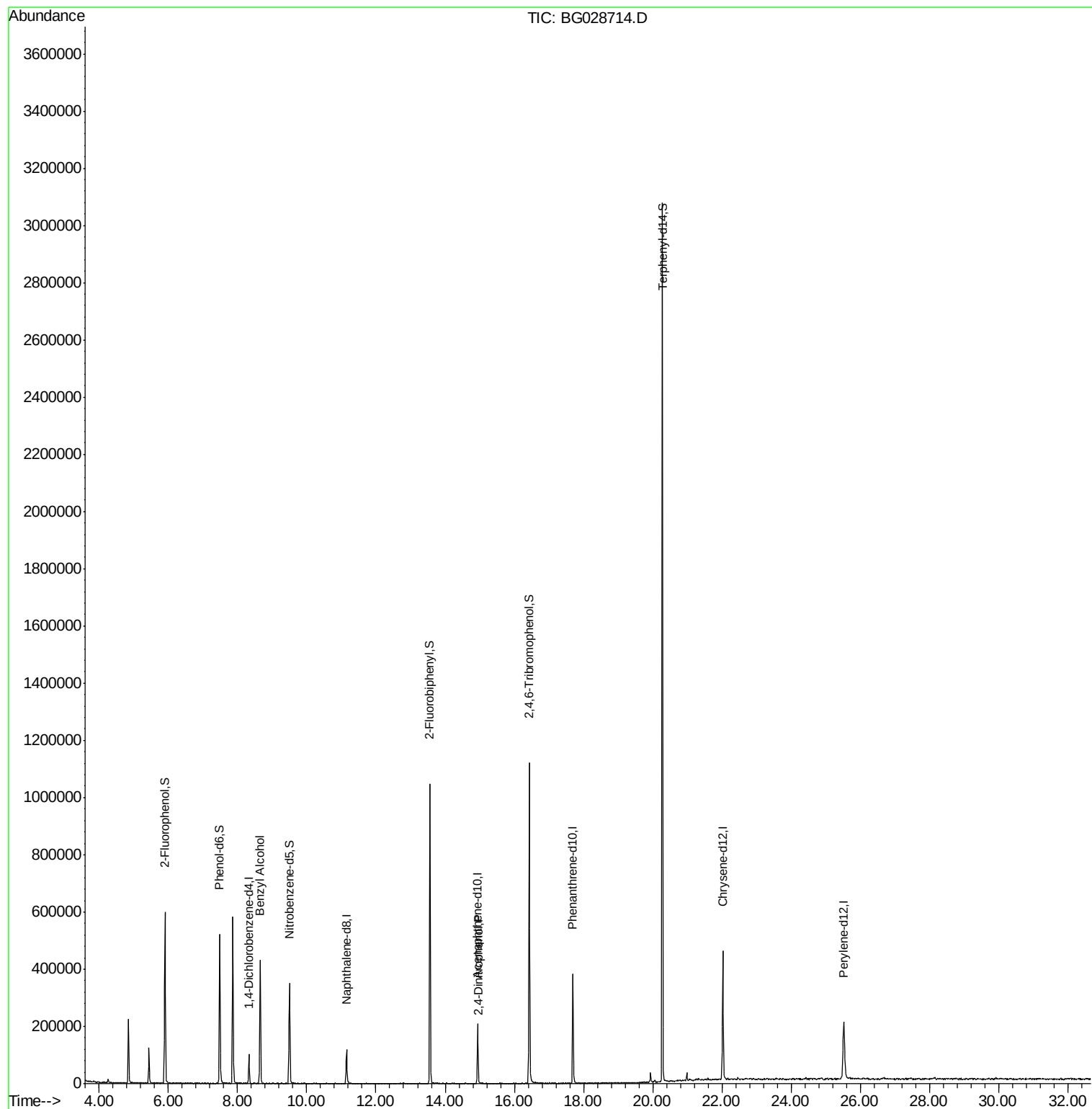
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	28299	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	107512	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	77601	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	260429	20.00	ng	0.00
75) Chrysene-d12	22.03	240	322205	20.00	ng	0.00
86) Perylene-d12	25.52	264	251079	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	248367	144.82	ng	0.00
7) Phenol-d6	7.48	99	317197	122.84	ng	0.00
23) Nitrobenzene-d5	9.50	82	232544	103.47	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	251456	195.92	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	582278	100.05	ng	0.00
78) Terphenyl-d14	20.28	244	1477573	97.80	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.65	79	4455	2.210	ng	Qvalue # 49
53) 2,4-Dinitrophenol	14.96	184	53	8.064	ng	# 25

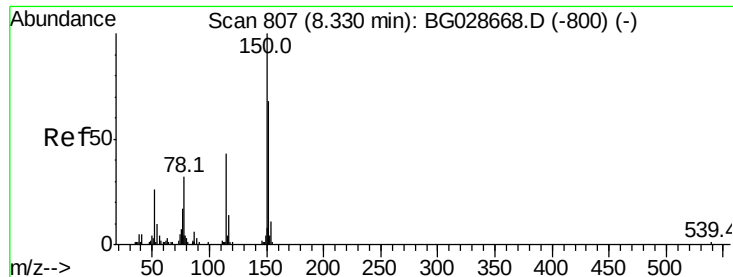
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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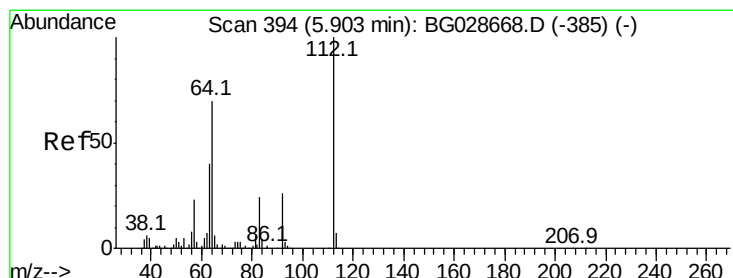
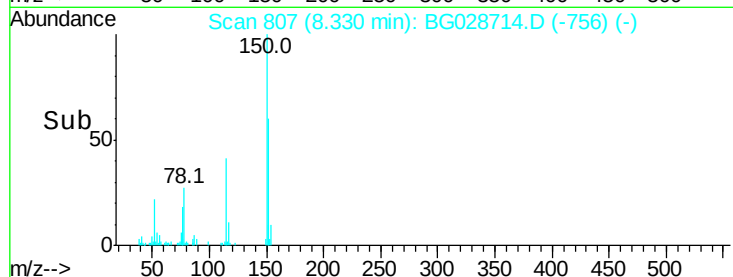
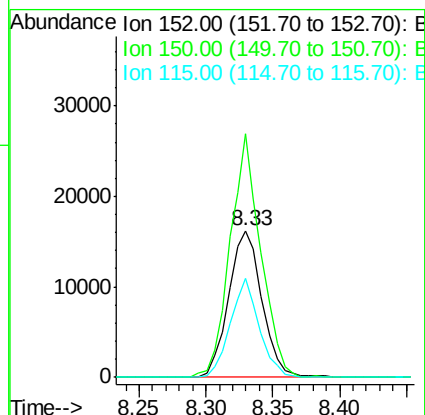
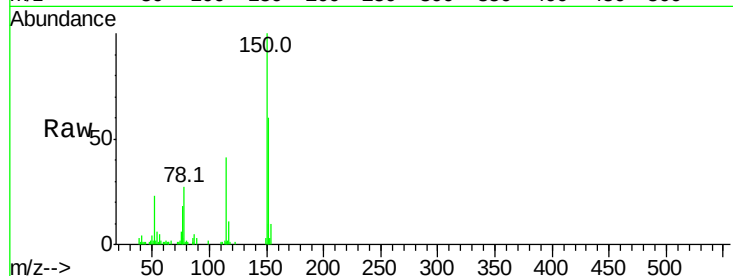


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG028714.D
Acq: 14 Sep 2017 2:46

Instrument :
BNA_G
ClientSampleId :

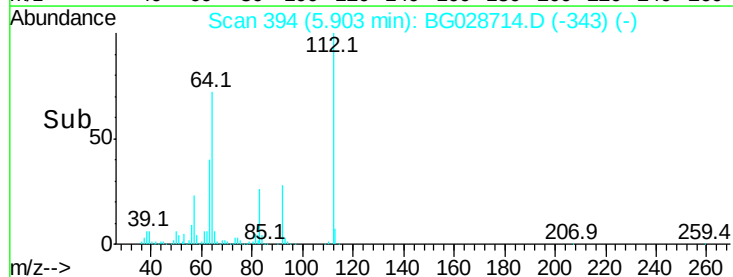
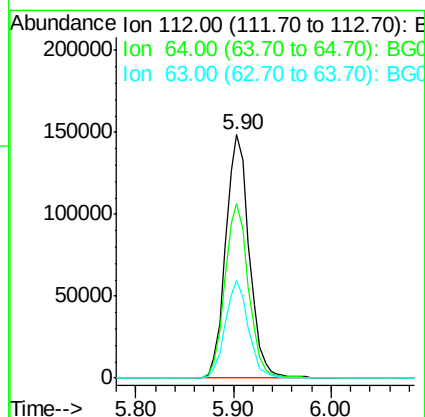
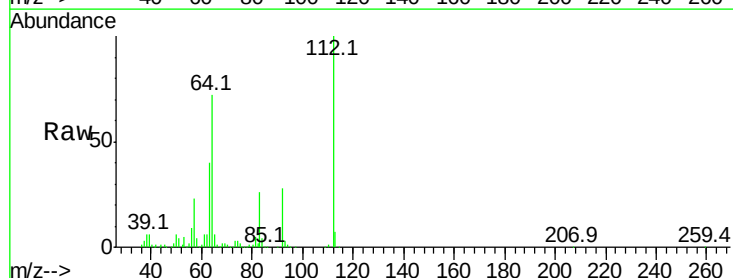
Tot Ion:152 Resp: 28299
Ion Ratio Lower Upper
152 100
150 166.0 114.0 171.0
115 67.5 48.1 72.1

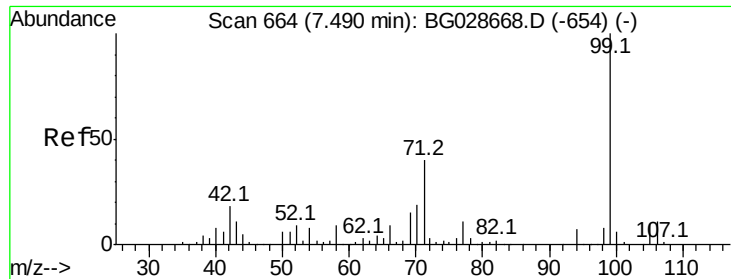


#5

2-Fluorophenol
Concen: 144.817 ng
RT: 5.90 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG028714.D
Acq: 14 Sep 2017 2:46

Tgt Ion:112 Resp: 248367
Ion Ratio Lower Upper
112 100
64 71.9 61.8 92.6
63 40.0 37.2 55.8





#7

Phenol-d6

Concen: 122.840 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028714.D

Acq: 14 Sep 2017 2:46

Instrument :

BNA_G

ClientSampleId :

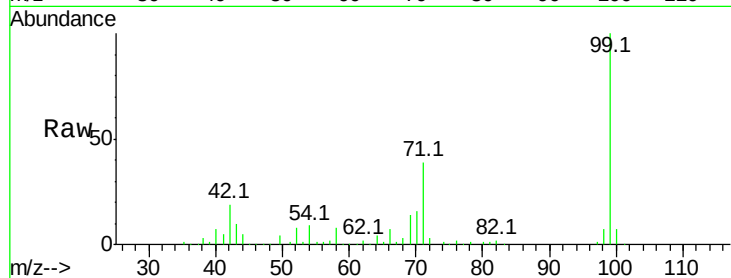
Tot Ion: 99 Resp: 317197

Ion Ratio Lower Upper

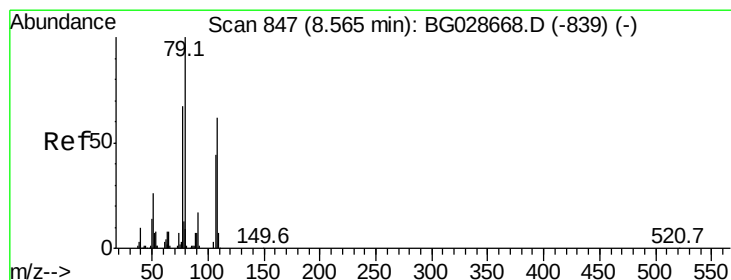
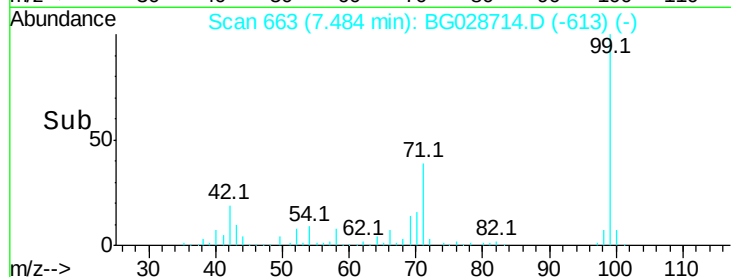
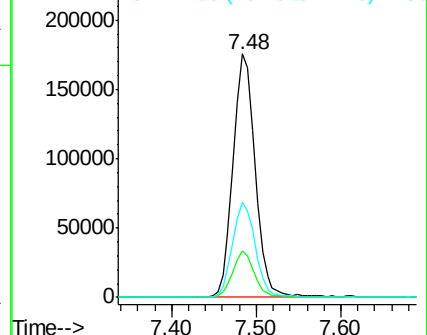
99 100

42 18.8 20.5 30.7#

71 39.0 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



#15

Benzyl Alcohol

Concen: 2.210 ng

RT: 8.65 min Scan# 862

Delta R.T. 0.09 min

Lab File: BG028714.D

Acq: 14 Sep 2017 2:46

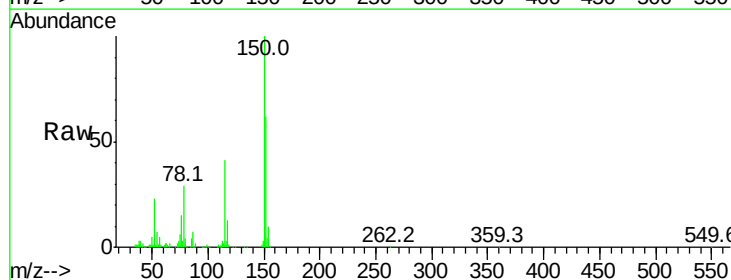
Tgt Ion: 79 Resp: 4455

Ion Ratio Lower Upper

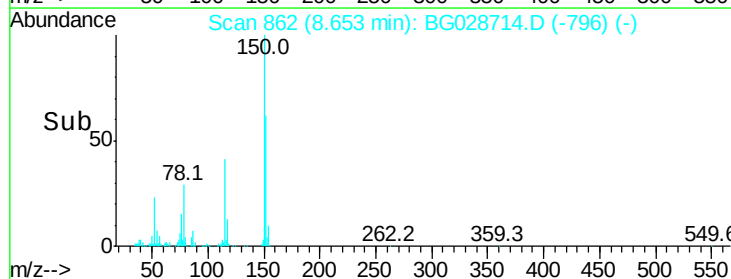
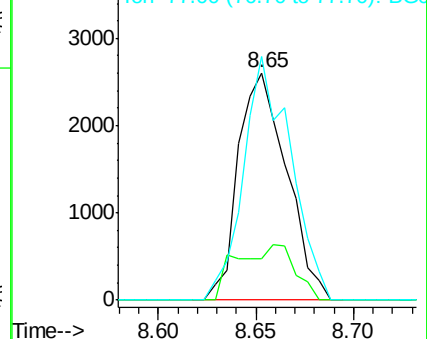
79 100

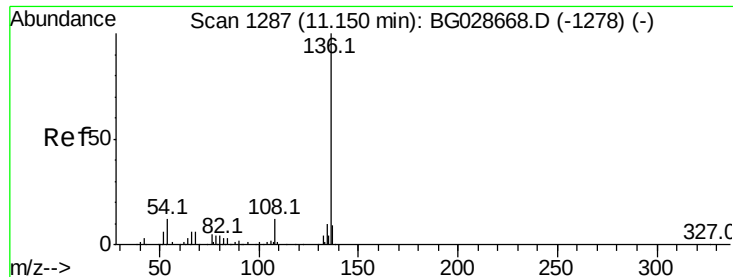
108 17.9 45.5 68.3#

77 107.0 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

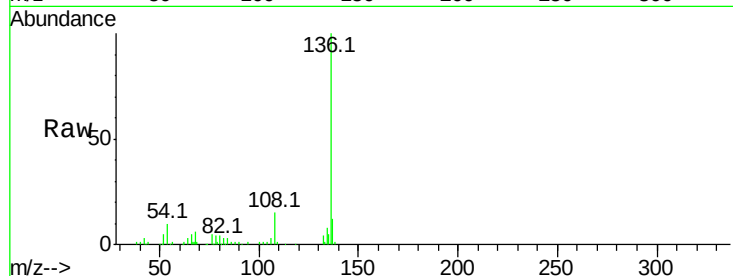




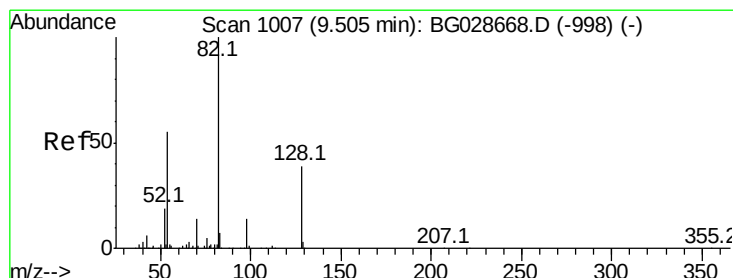
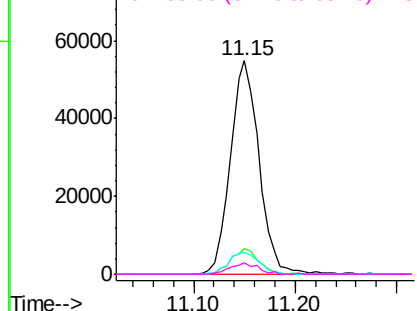
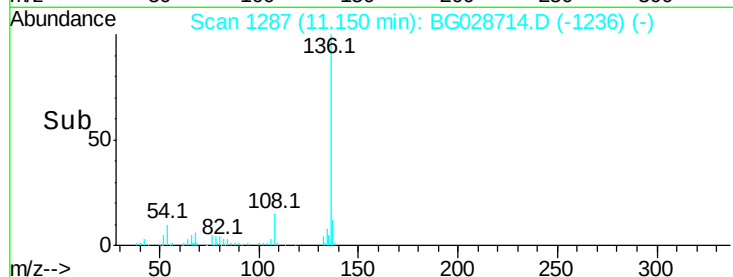
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.15 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG028714.D
Acq: 14 Sep 2017 2:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	107512
Ion	Ratio	Lower	Upper
136	100		
137	12.3	8.9	13.3
54	10.4	9.3	13.9
68	6.4	5.1	7.7

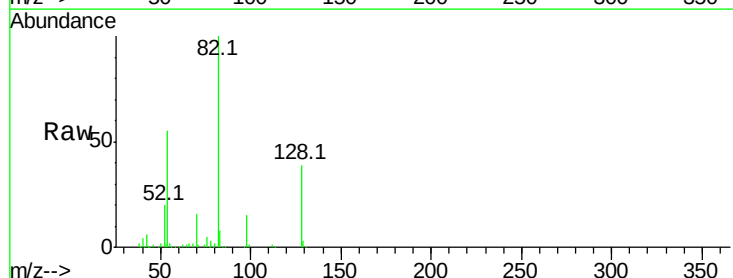


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

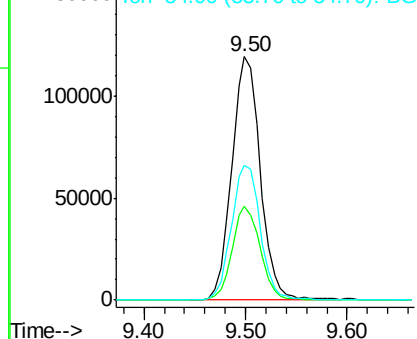
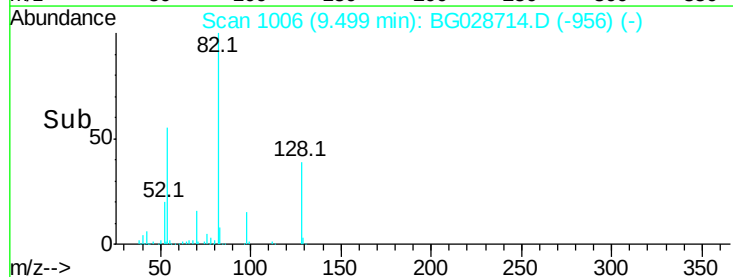


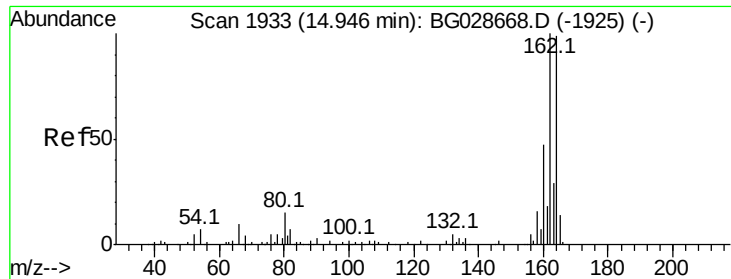
#23
Nitrobenzene-d5
Concen: 103.470 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG028714.D
Acq: 14 Sep 2017 2:46

Tgt Ion:	82	Resp:	232544
Ion	Ratio	Lower	Upper
82	100		
128	38.8	26.4	39.6
54	55.3	49.4	74.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.94 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG028714.D

Acq: 14 Sep 2017 2:46

Instrument :

BNA_G

ClientSampleId :

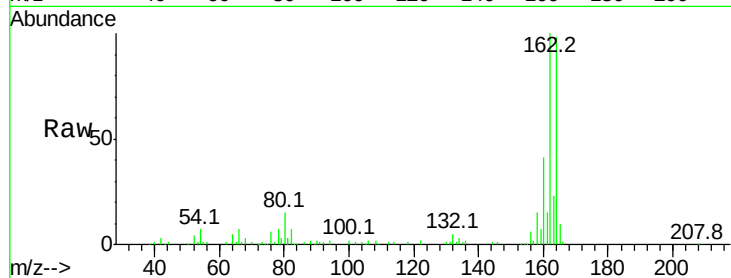
Tot Ion:164 Resp: 77601

Ion Ratio Lower Upper

164 100

162 102.4 85.1 127.7

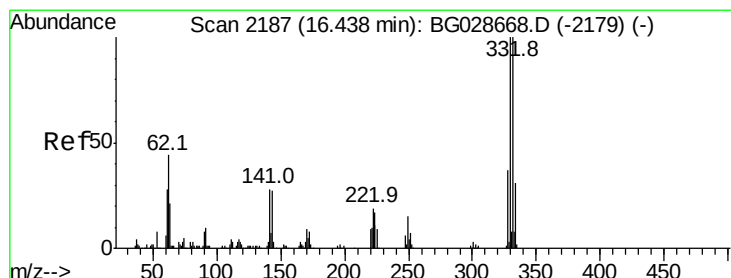
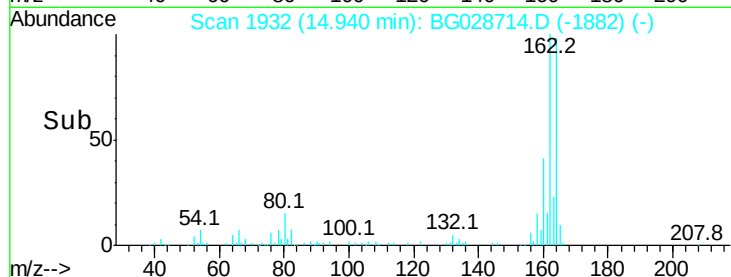
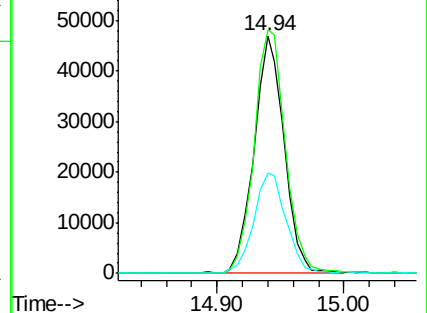
160 42.1 34.7 52.1



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: 195.918 ng

RT: 16.43 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BG028714.D

Acq: 14 Sep 2017 2:46

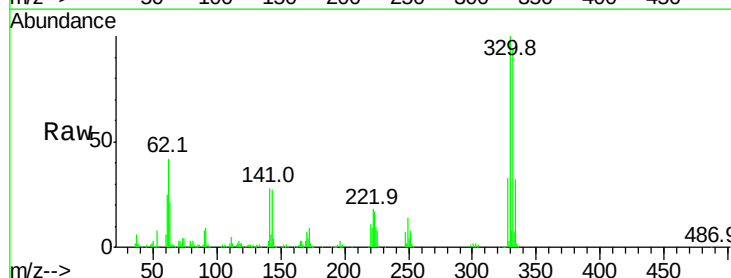
Tgt Ion:330 Resp: 251456

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

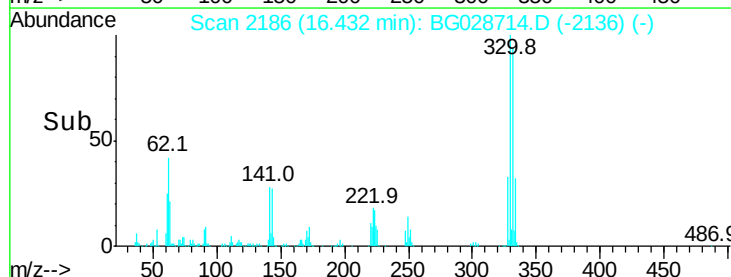
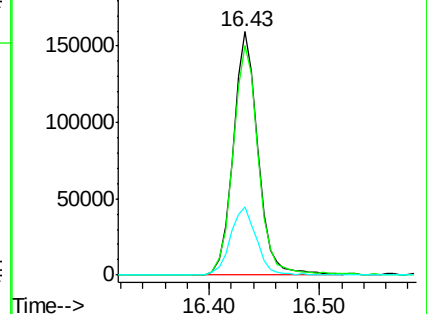
141 29.6 32.1 48.1#

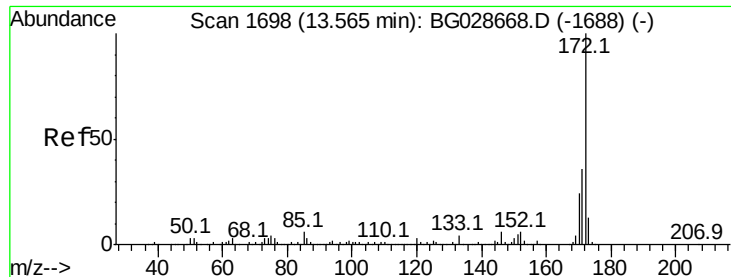


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

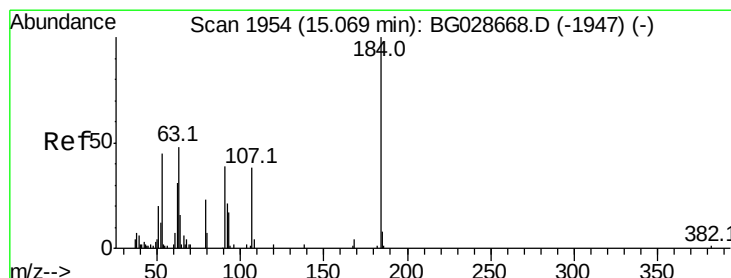
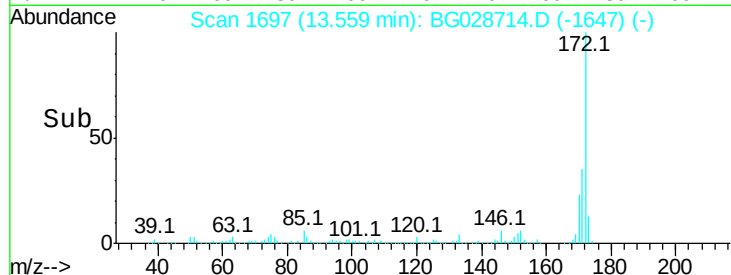
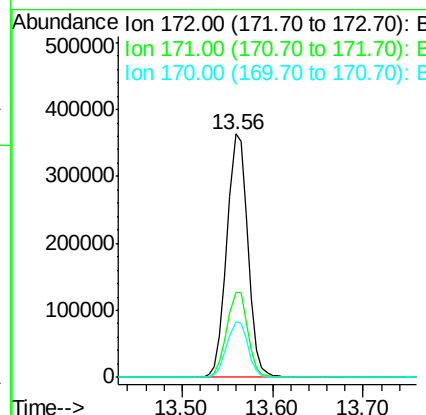
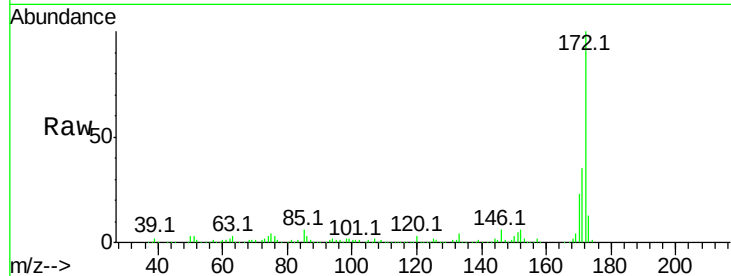




#44
2-Fluorobiphenyl
Concen: 100.053 ng
RT: 13.56 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG028714.D
Acq: 14 Sep 2017 2:46

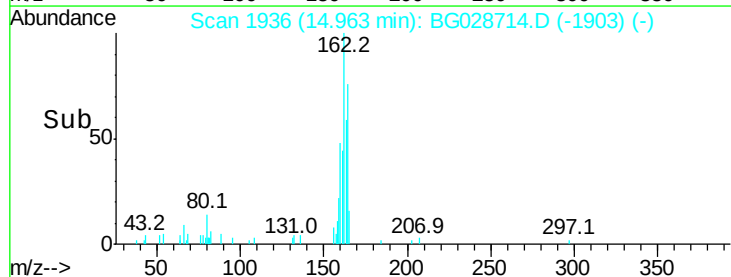
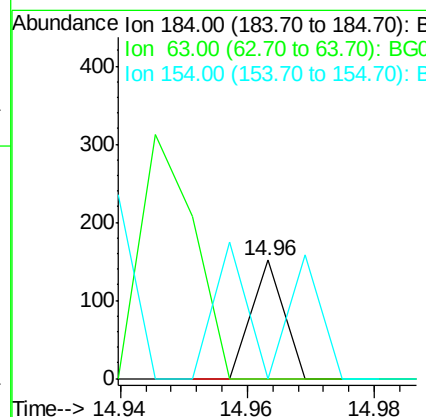
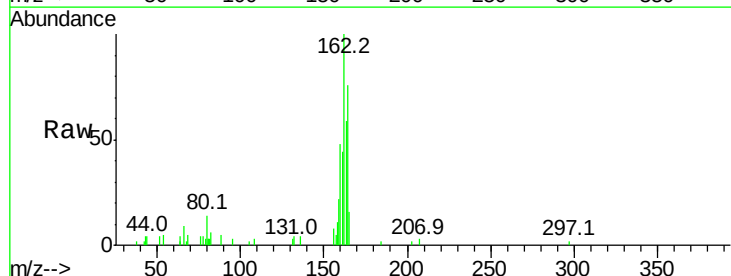
Instrument :
BNA_G
ClientSampleId :

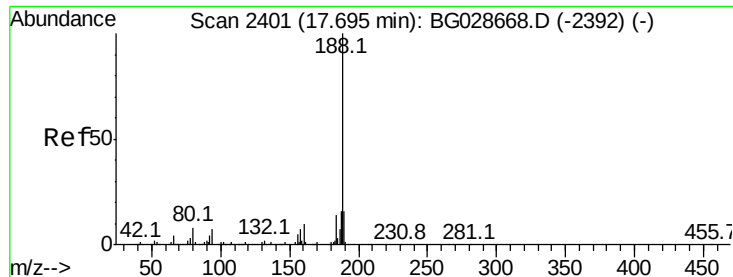
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	32.2	48.2
170	22.9	21.8	32.6



#53
2,4-Dinitrophenol
Concen: 8.064 ng
RT: 14.96 min Scan# 1936
Delta R.T. -0.11 min
Lab File: BG028714.D
Acq: 14 Sep 2017 2:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	115.9	52.7	79.1#
154	0.0	57.3	85.9#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BG028714.D

Acq: 14 Sep 2017 2:46

Instrument :

BNA_G

ClientSampleId :

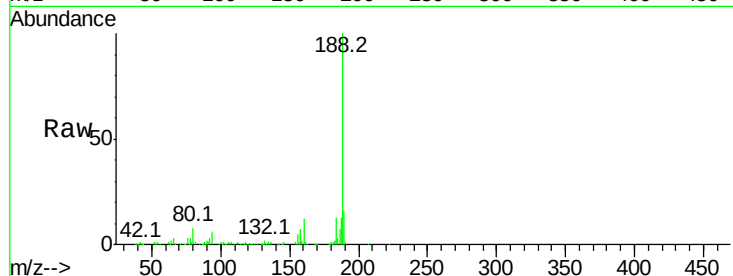
Tot Ion:188 Resp: 260429

Ion Ratio Lower Upper

188 100

94 6.2 5.8 8.8

80 7.8 7.5 11.3

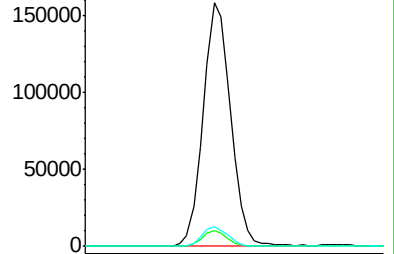


Abundance Ion 188.00 (187.70 to 188.70): E

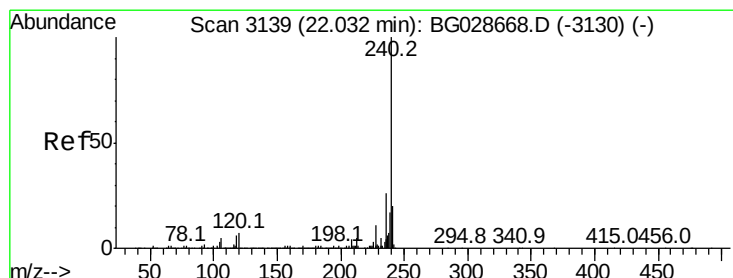
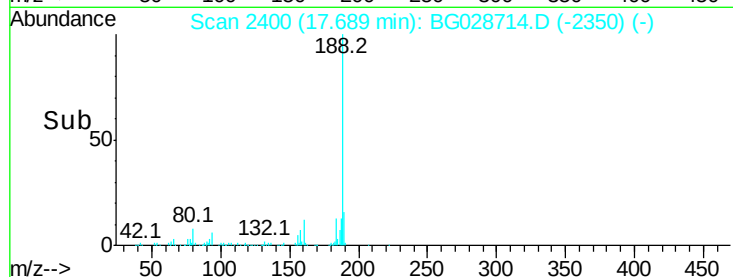
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.69



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.03 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG028714.D

Acq: 14 Sep 2017 2:46

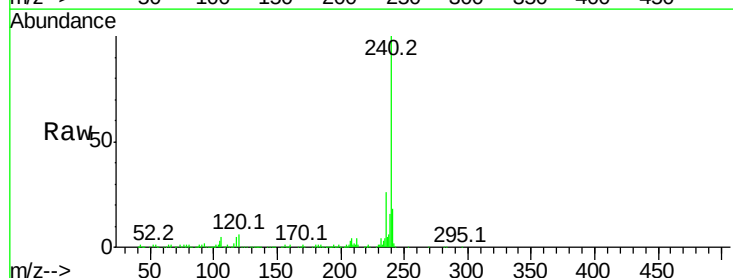
Tgt Ion:240 Resp: 322205

Ion Ratio Lower Upper

240 100

120 5.7 5.7 8.5

236 26.0 22.2 33.4

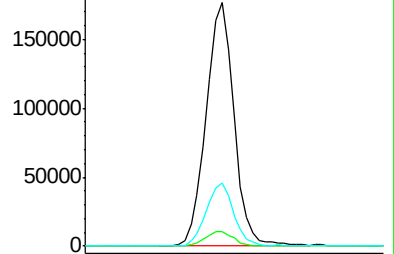


Abundance Ion 240.00 (239.70 to 240.70): E

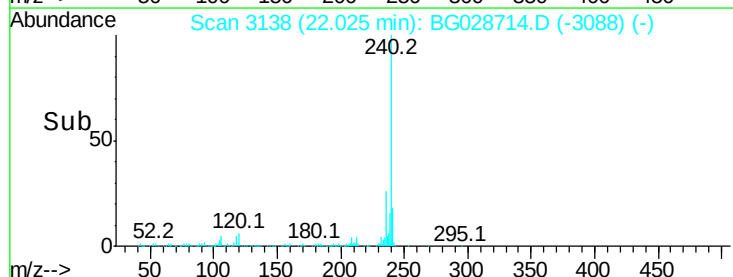
Ion 120.00 (119.70 to 120.70): E

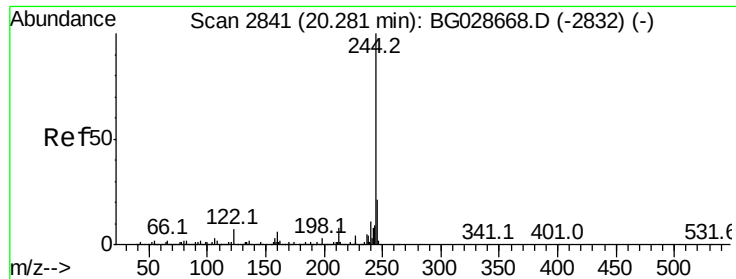
Ion 236.00 (235.70 to 236.70): E

22.03



Time-->





#78

Terphenyl-d14

Concen: 97.796 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG028714.D

Acq: 14 Sep 2017 2:46

Instrument :

BNA_G

ClientSampled :

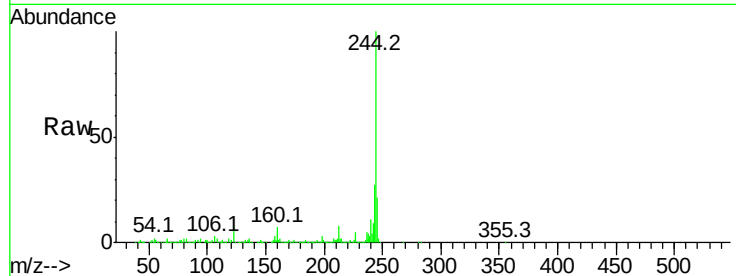
Tot Ion:244 Resp: 1477573

Ion Ratio Lower Upper

244 100

212 7.6 10.0 15.0#

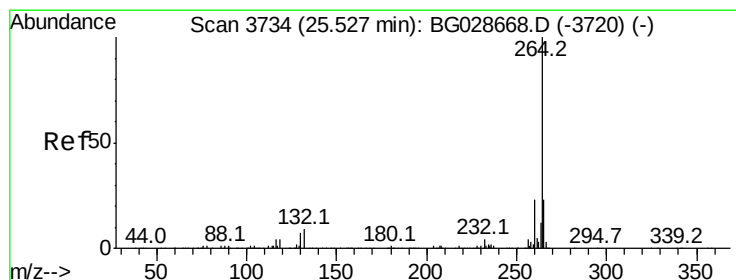
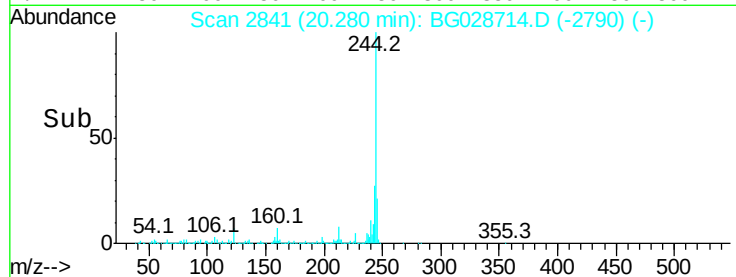
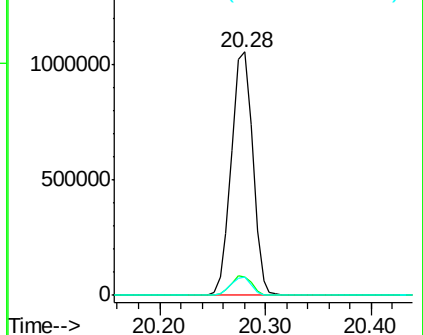
122 7.3 8.6 12.8#



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: 20.000 ng

RT: 25.52 min Scan# 3733

Delta R.T. -0.01 min

Lab File: BG028714.D

Acq: 14 Sep 2017 2:46

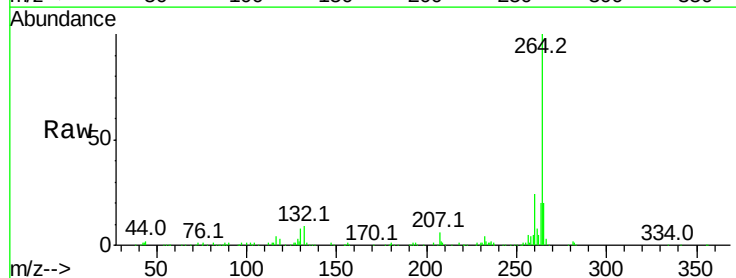
Tgt Ion:264 Resp: 251079

Ion Ratio Lower Upper

264 100

260 24.0 21.8 32.8

265 19.9 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

