

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093017\
 Data File : BG028986.D
 Acq On : 30 Sep 2017 19:26
 Operator : SJ/JU
 Sample : PB102778TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 01 02:21:56 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

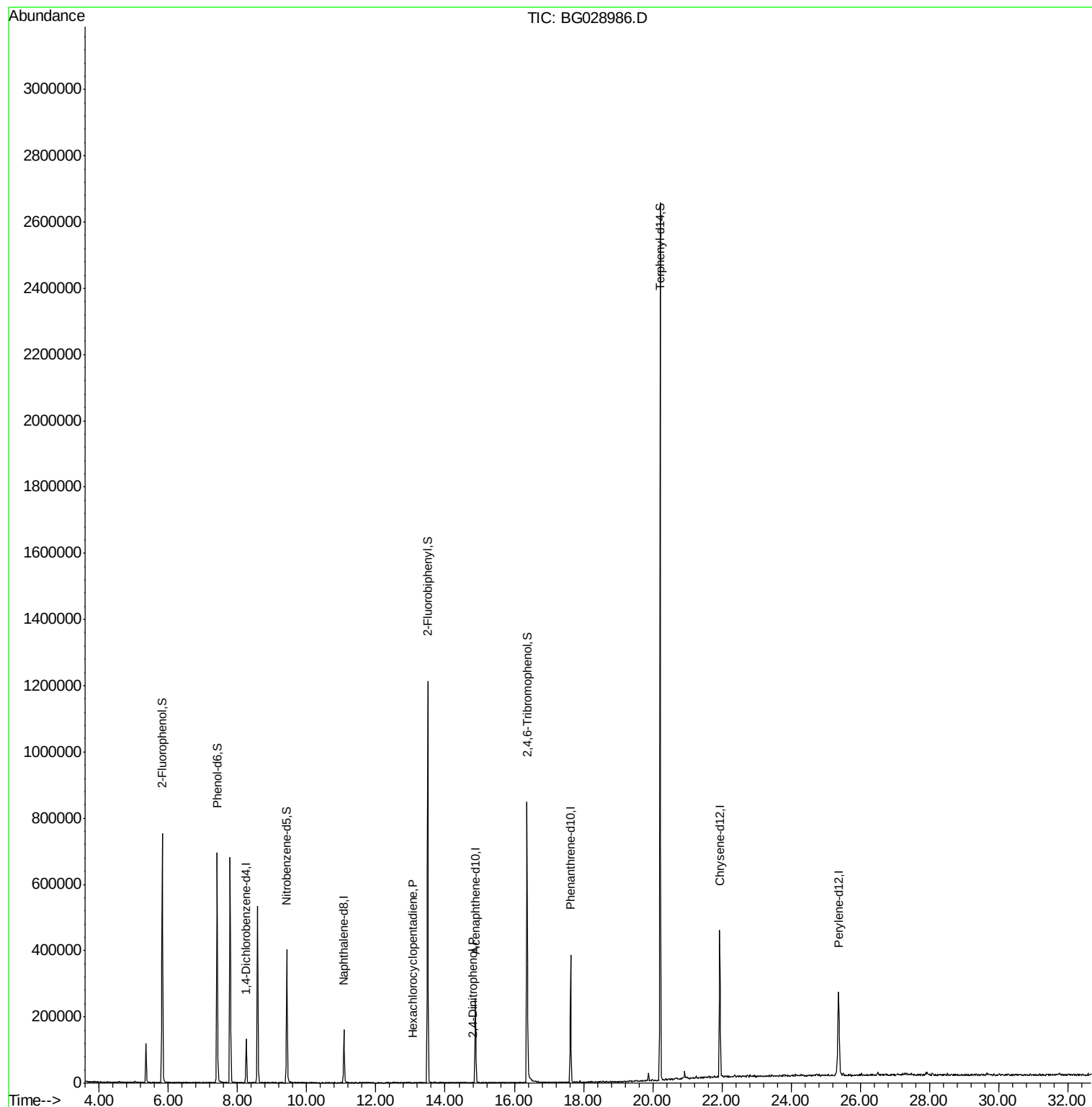
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	35367	20.00	ng	-0.08
21) Naphthalene-d8	11.08	136	136201	20.00	ng	-0.08
38) Acenaphthene-d10	14.88	164	92757	20.00	ng	-0.07
63) Phenanthrene-d10	17.63	188	251303	20.00	ng	-0.07
75) Chrysene-d12	21.94	240	298174	20.00	ng	-0.09
86) Perylene-d12	25.37	264	312764	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.82	112	317220	148.00	ng	-0.08
7) Phenol-d6	7.41	99	412384	127.79	ng	-0.08
23) Nitrobenzene-d5	9.42	82	256253	90.00	ng	-0.08
41) 2,4,6-Tribromophenol	16.37	330	204946	133.59	ng	-0.07
44) 2-Fluorobiphenyl	13.50	172	658929	94.72	ng	-0.07
78) Terphenyl-d14	20.22	244	1274055	91.12	ng	-0.06
Target Compounds						
40) Hexachlorocyclopentadiene	13.08	237	59	7.639	ng	# 29
53) 2,4-Dinitrophenol	14.81	184	58	8.059	ng	# 15

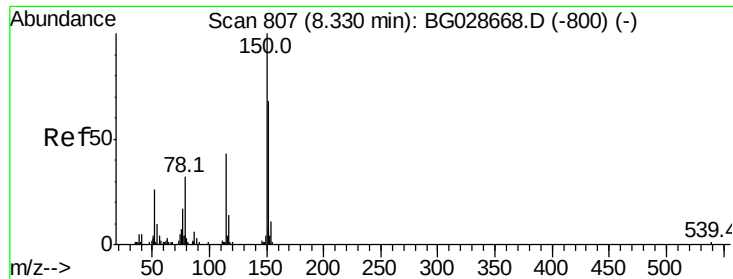
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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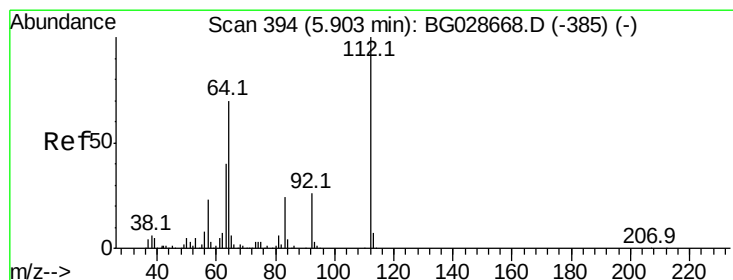
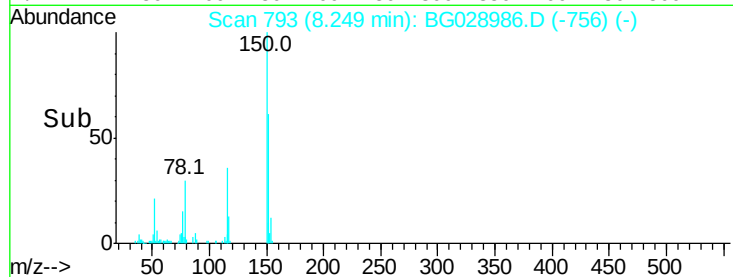
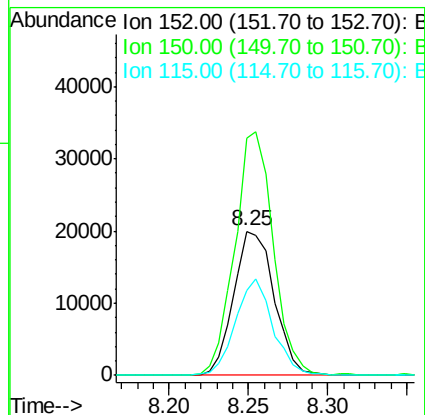
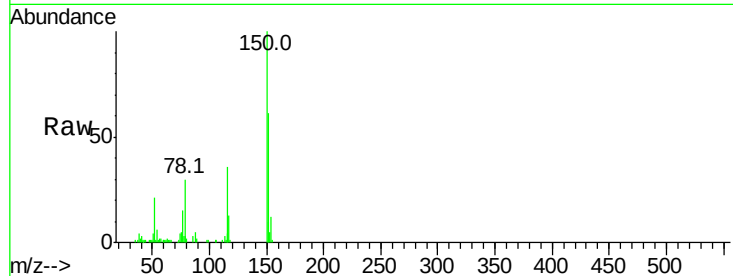


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.25 min Scan# 793
Delta R.T. -0.08 min
Lab File: BG028986.D
Acq: 30 Sep 2017 19:26

Instrument :
BNA_G
ClientSampleId :

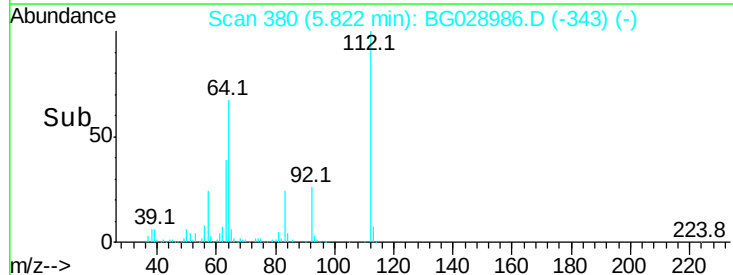
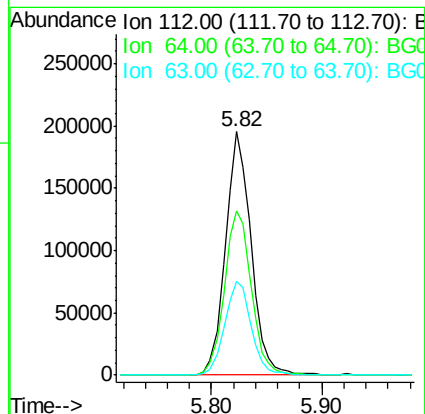
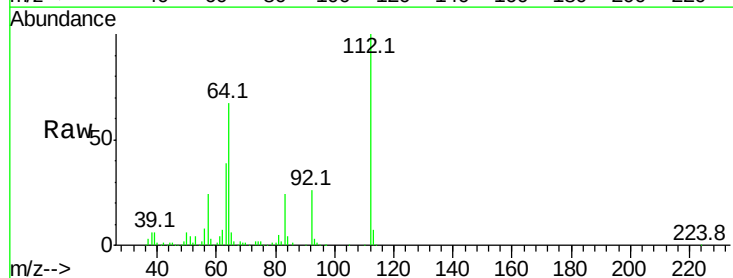
Tot Ion:152 Resp: 35367
Ion Ratio Lower Upper
152 100
150 164.4 114.0 171.0
115 59.1 48.1 72.1

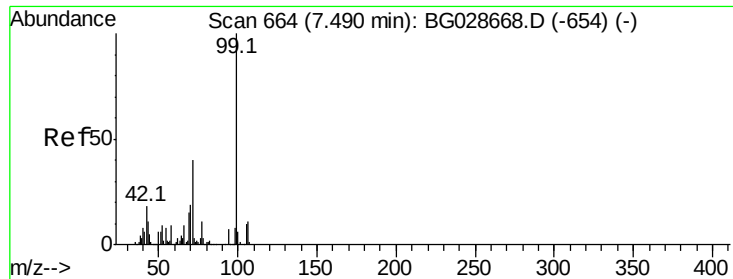


#5

2-Fluorophenol
Concen: 147.999 ng
RT: 5.82 min Scan# 380
Delta R.T. -0.08 min
Lab File: BG028986.D
Acq: 30 Sep 2017 19:26

Tgt Ion:112 Resp: 317220
Ion Ratio Lower Upper
112 100
64 67.5 61.8 92.6
63 38.5 37.2 55.8





#7

Phenol-d6

Concen: 127.786 ng

RT: 7.41 min Scan# 651

Delta R.T. -0.08 min

Lab File: BG028986.D

Acq: 30 Sep 2017 19:26

Instrument :

BNA_G

ClientSampleId :

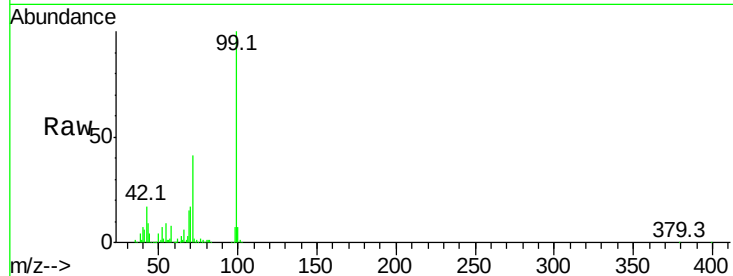
Tot Ion: 99 Resp: 412384

Ion Ratio Lower Upper

99 100

42 16.8 20.5 30.7#

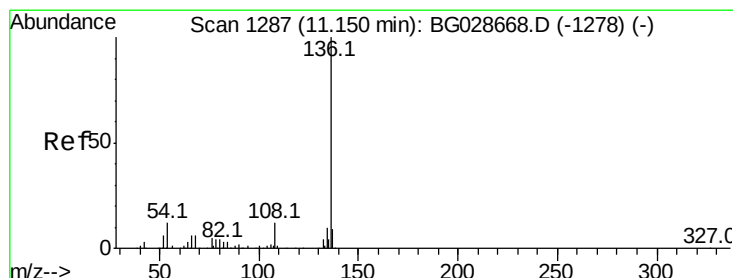
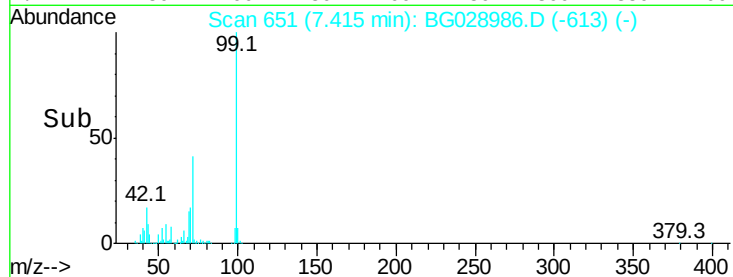
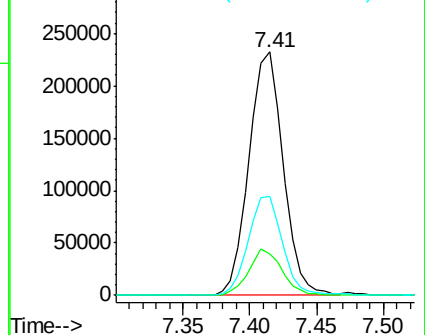
71 40.6 37.6 56.4



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: 20.000 ng

RT: 11.08 min Scan# 1274

Delta R.T. -0.08 min

Lab File: BG028986.D

Acq: 30 Sep 2017 19:26

Tgt Ion: 136 Resp: 136201

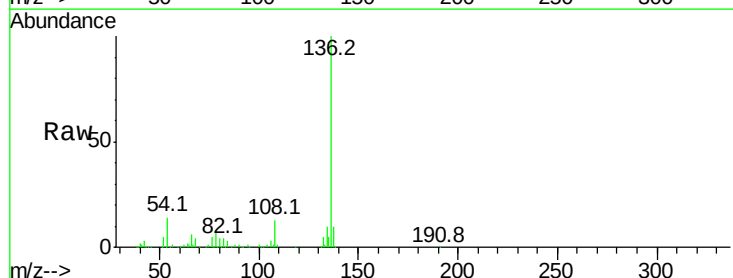
Ion Ratio Lower Upper

136 100

137 9.7 8.9 13.3

54 13.6 9.3 13.9

68 4.0 5.1 7.7#

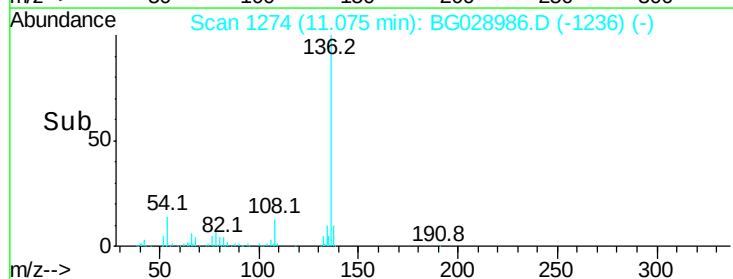
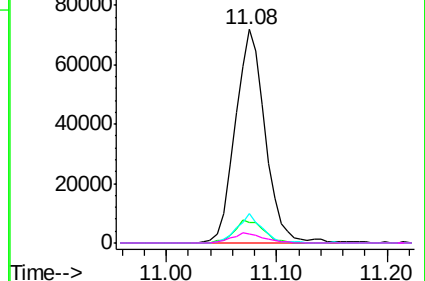


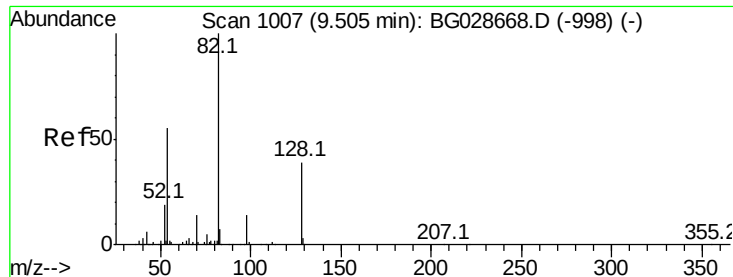
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

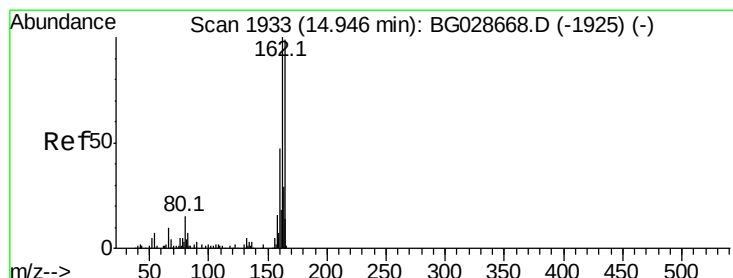
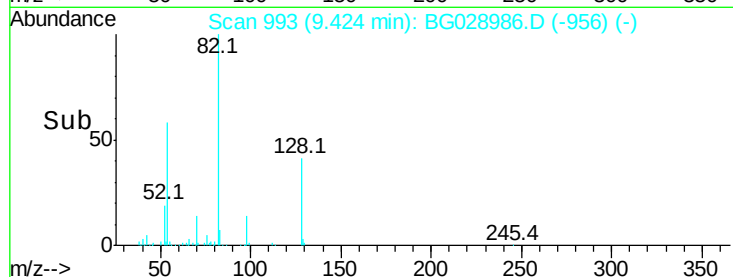
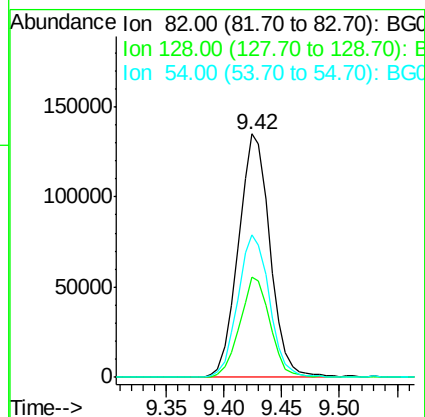
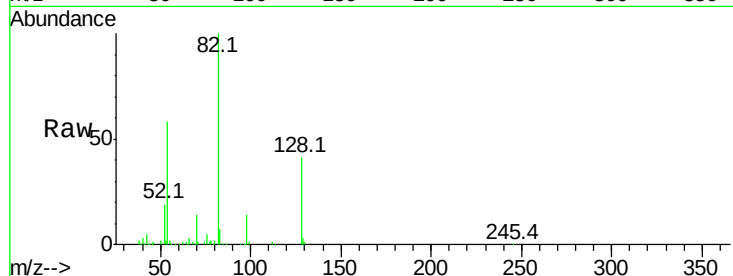




#23
Nitrobenzene-d5
Concen: 90.003 ng
RT: 9.42 min Scan# 993
Delta R.T. -0.08 min
Lab File: BG028986.D
Acq: 30 Sep 2017 19:26

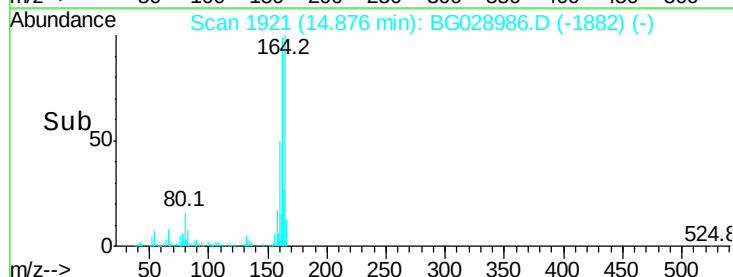
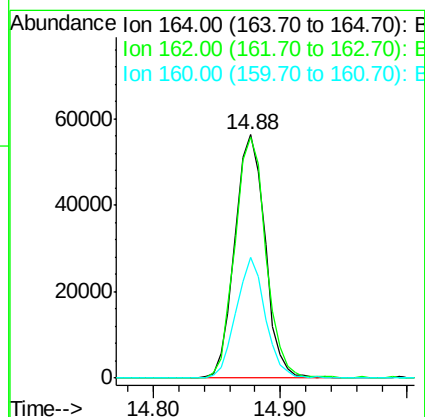
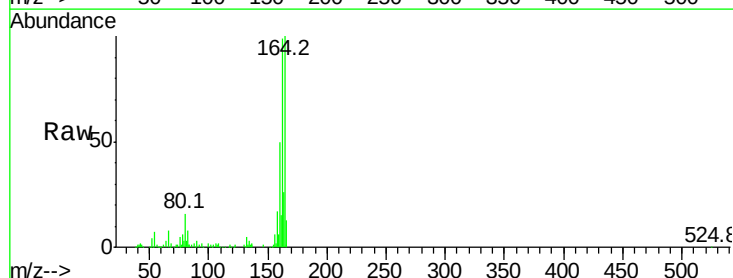
Instrument :
BNA_G
ClientSampleId :

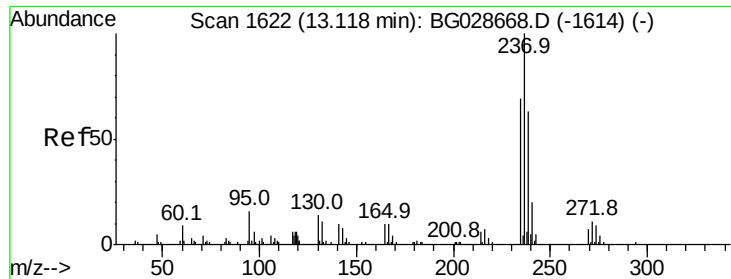
Tot Ion: 82 Resp: 256253
Ion Ratio Lower Upper
82 100
128 41.1 26.4 39.6#
54 58.3 49.4 74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.88 min Scan# 1921
Delta R.T. -0.07 min
Lab File: BG028986.D
Acq: 30 Sep 2017 19:26

Tgt Ion: 164 Resp: 92757
Ion Ratio Lower Upper
164 100
162 99.0 85.1 127.7
160 49.5 34.7 52.1

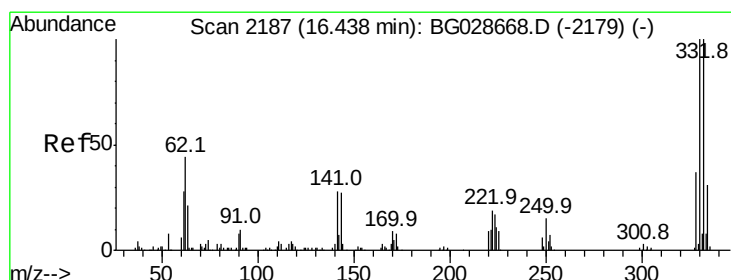
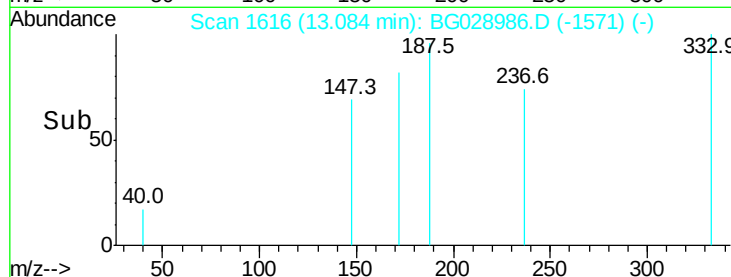
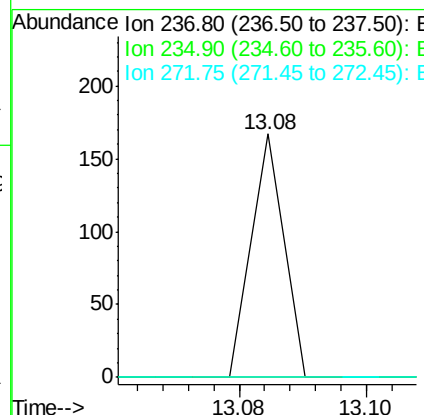
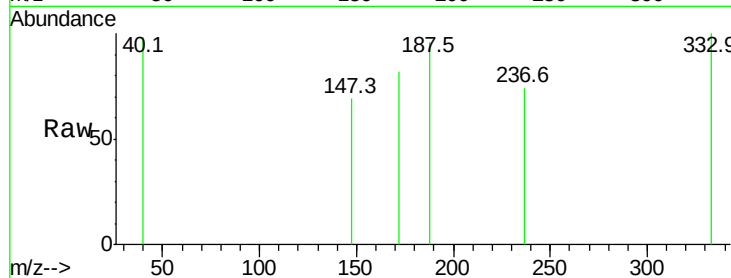




#40
Hexachlorocyclopentadiene
Concen: 7.639 ng
RT: 13.08 min Scan# 1616
Delta R.T. -0.03 min
Lab File: BG028986.D
Acq: 30 Sep 2017 19:26

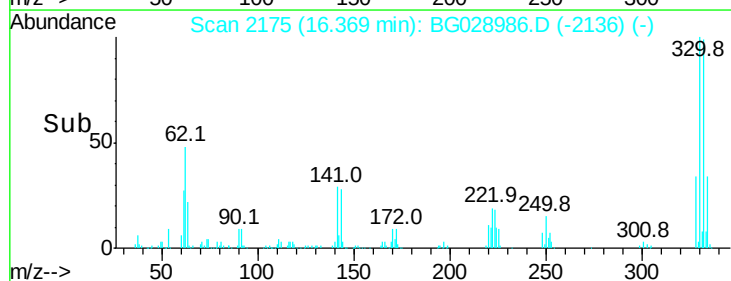
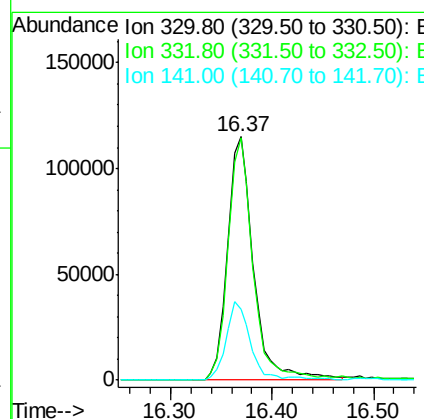
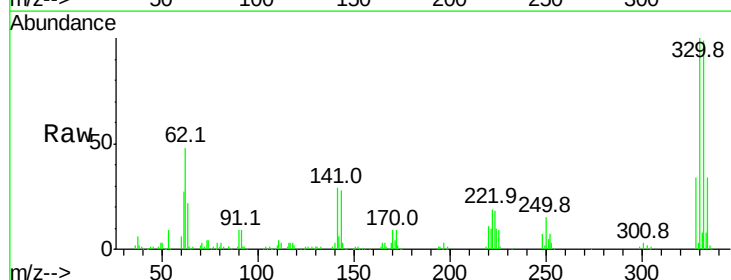
Instrument :
BNA_G
ClientSampleId :

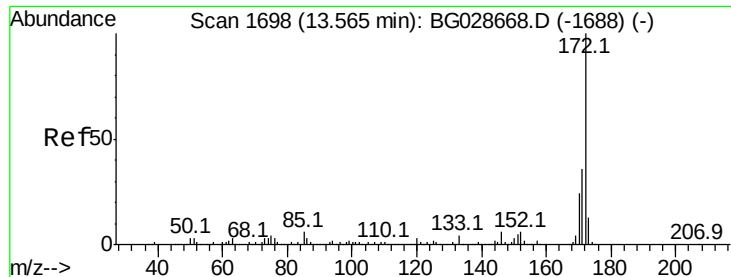
Tot Ion	Ratio	Lower	Upper
237	100		
235	0.0	39.4	79.4#
272	0.0	0.0	32.0



#41
2,4,6-Tribromophenol
Concen: 133.590 ng
RT: 16.37 min Scan# 2175
Delta R.T. -0.07 min
Lab File: BG028986.D
Acq: 30 Sep 2017 19:26

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.3	115.9
141	30.5	32.1	48.1#

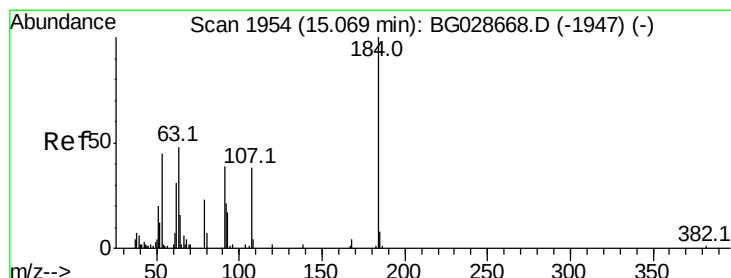
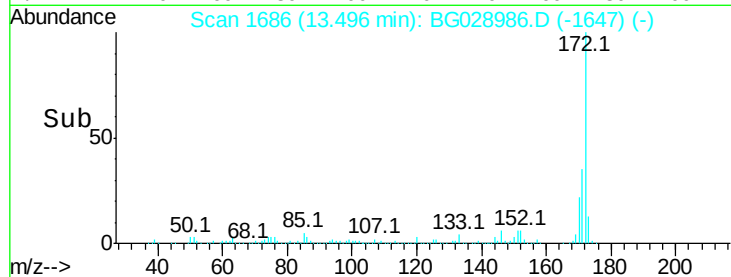
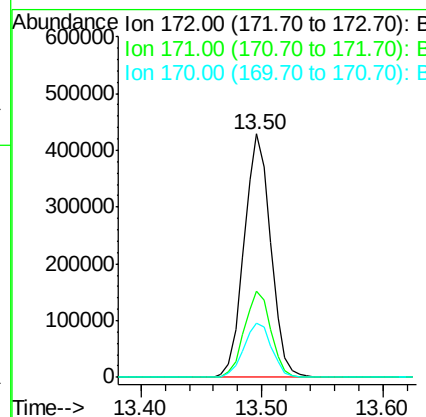
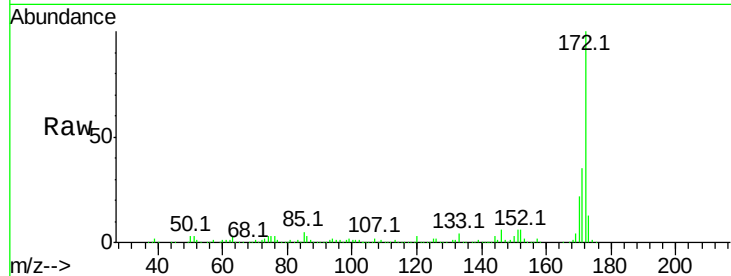




#44
2-Fluorobiphenyl
Concen: 94.724 ng
RT: 13.50 min Scan# 1686
Delta R.T. -0.07 min
Lab File: BG028986.D
Acq: 30 Sep 2017 19:26

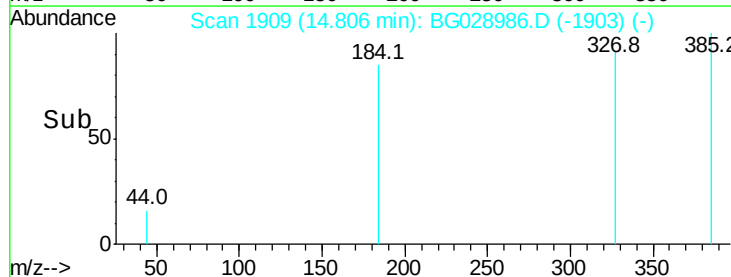
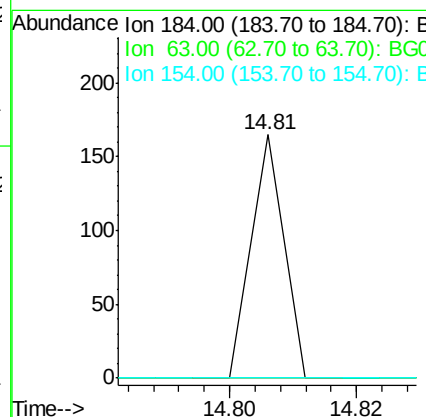
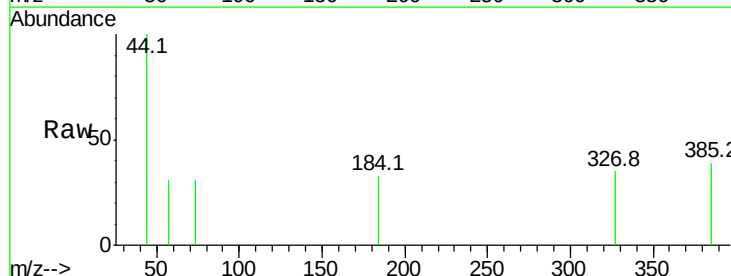
Instrument :
BNA_G
ClientSampleId :

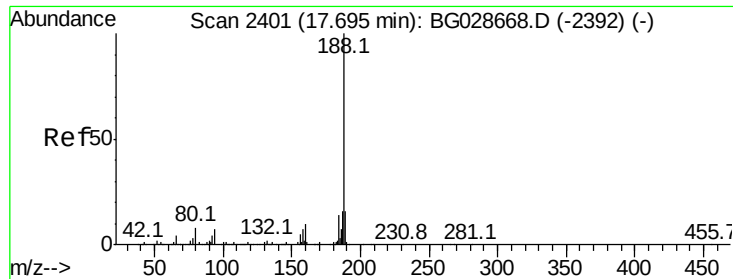
Tot Ion:172 Resp: 658929
Ion Ratio Lower Upper
172 100
171 35.4 32.2 48.2
170 22.4 21.8 32.6



#53
2,4-Dinitrophenol
Concen: 8.059 ng
RT: 14.81 min Scan# 1909
Delta R.T. -0.26 min
Lab File: BG028986.D
Acq: 30 Sep 2017 19:26

Tgt Ion:184 Resp: 58
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 0.0 57.3 85.9#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.63 min Scan# 2389

Delta R.T. -0.07 min

Lab File: BG028986.D

Acq: 30 Sep 2017 19:26

Instrument :

BNA_G

ClientSampleId :

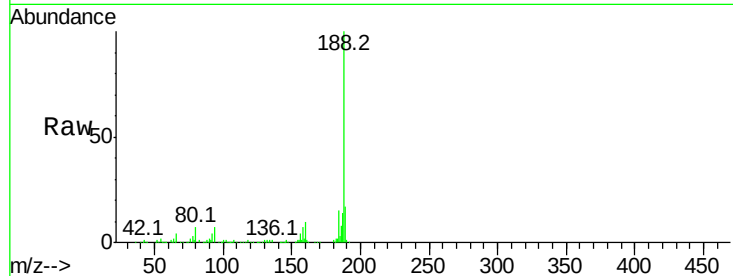
Tot Ion:188 Resp: 251303

Ion Ratio Lower Upper

188 100

94 6.6 5.8 8.8

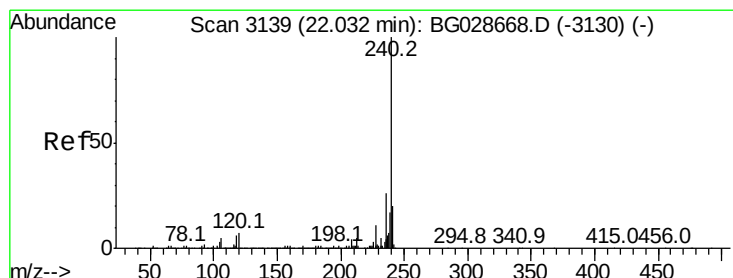
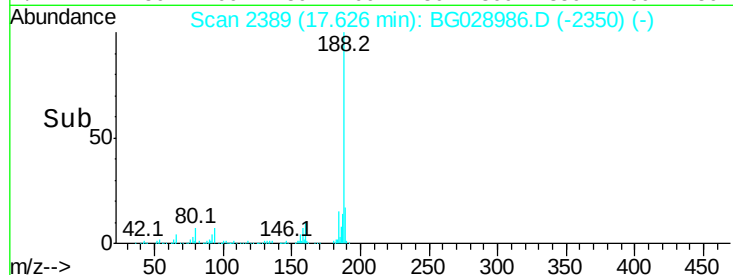
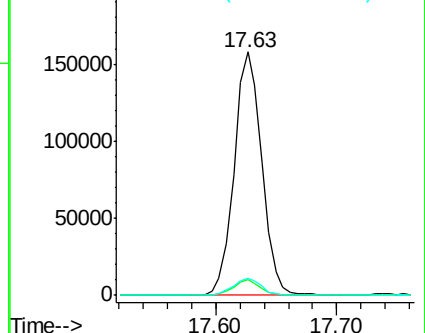
80 7.1 7.5 11.3#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.94 min Scan# 3123

Delta R.T. -0.09 min

Lab File: BG028986.D

Acq: 30 Sep 2017 19:26

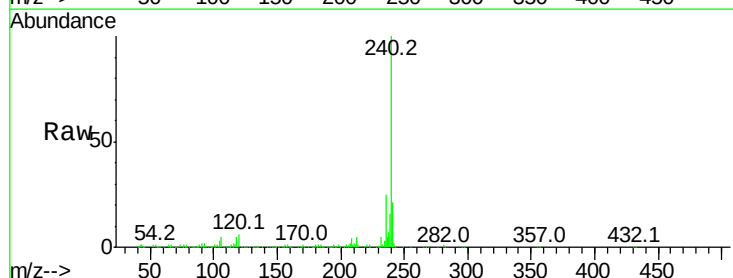
Tgt Ion:240 Resp: 298174

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

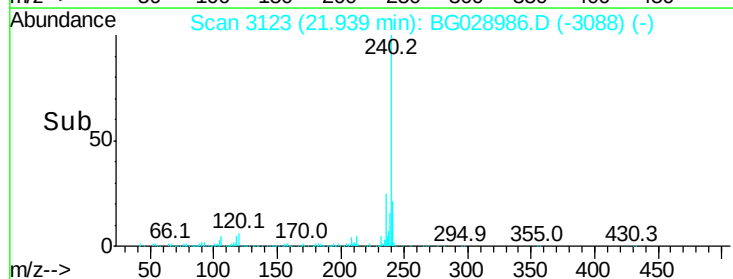
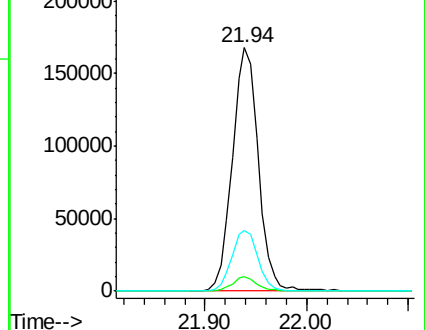
236 25.1 22.2 33.4

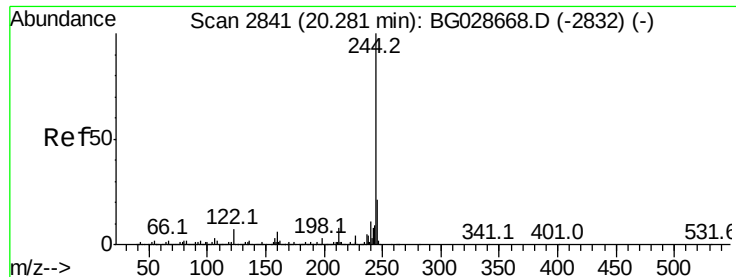


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.121 ng

RT: 20.22 min Scan# 2830

Delta R.T. -0.06 min

Lab File: BG028986.D

Acq: 30 Sep 2017 19:26

Instrument :

BNA_G

ClientSampleId :

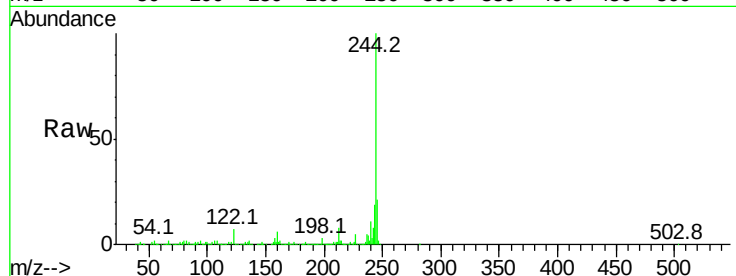
Tot Ion:244 Resp: 1274055

Ion Ratio Lower Upper

244 100

212 7.6 10.0 15.0#

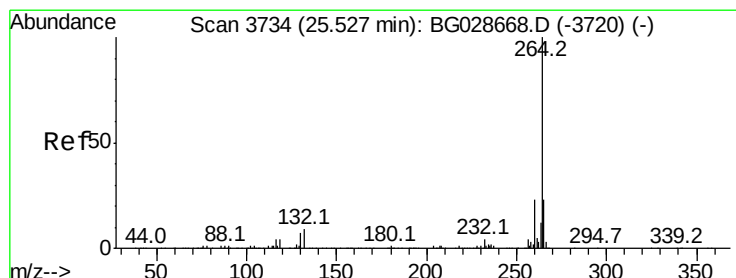
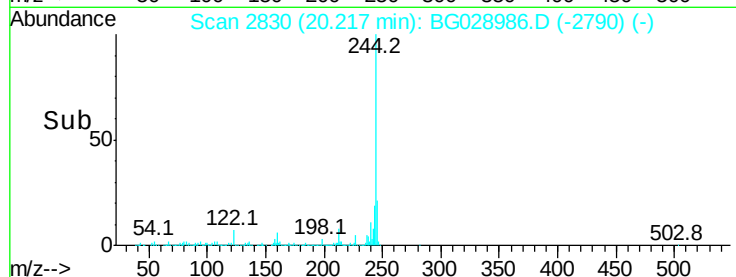
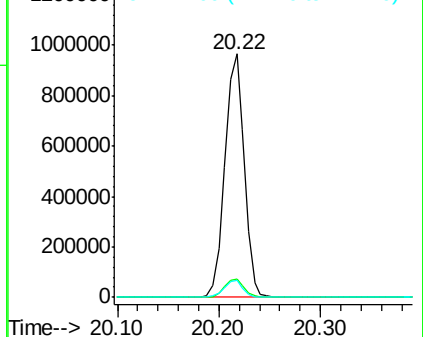
122 7.3 8.6 12.8#



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: 25.37 min Scan# 3707

Delta R.T. -0.16 min

Lab File: BG028986.D

Acq: 30 Sep 2017 19:26

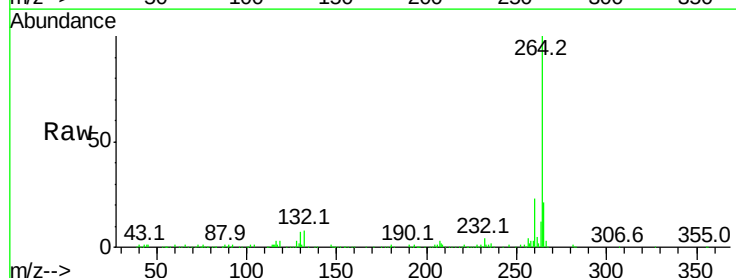
Tgt Ion:264 Resp: 312764

Ion Ratio Lower Upper

264 100

260 22.8 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

