

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092917\
 Data File : BG028979.D
 Acq On : 29 Sep 2017 21:35
 Operator : SJ/JU
 Sample : I5450-22
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 29 22:36:51 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

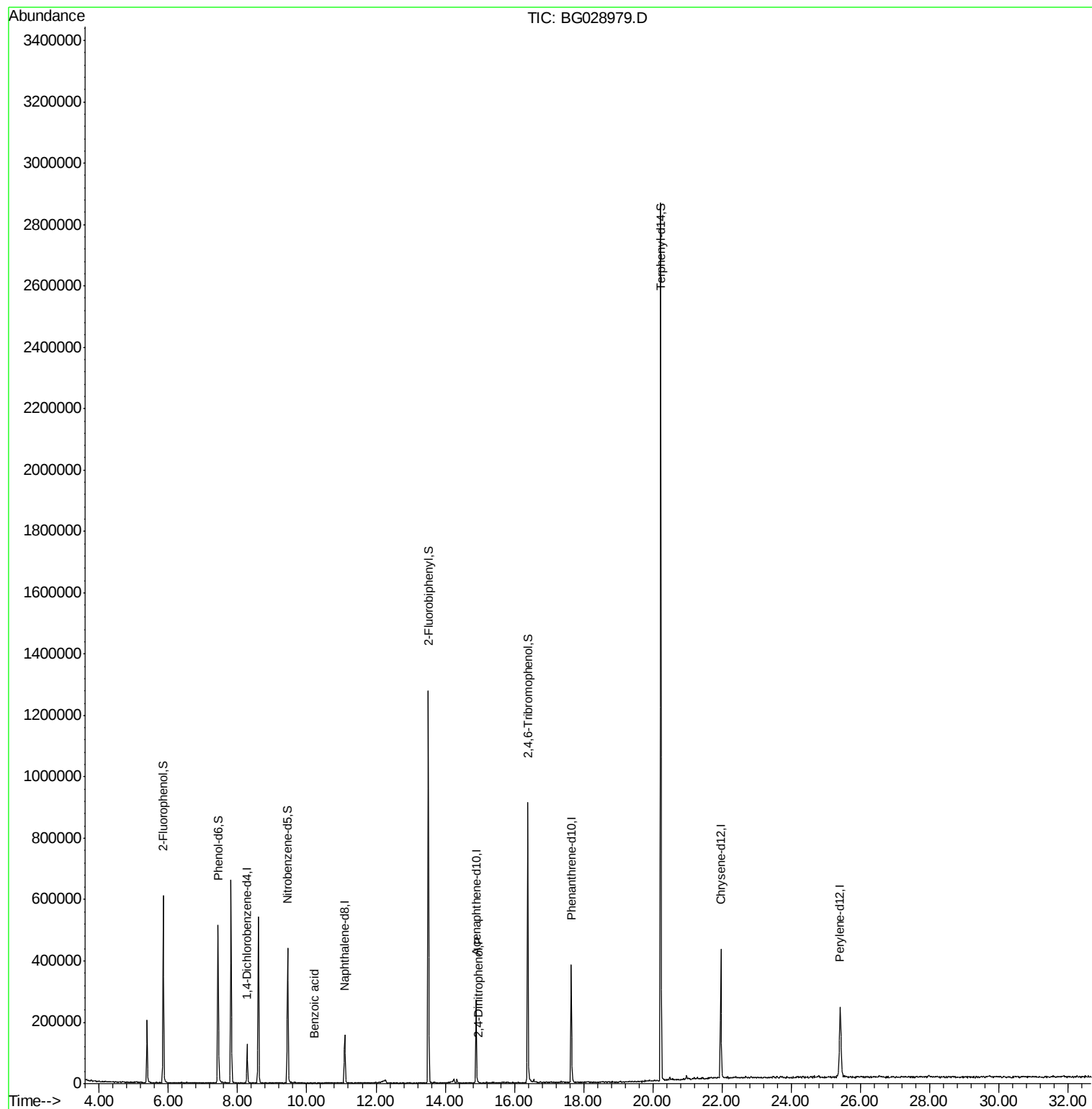
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	34065	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	140759	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	96979	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	255261	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	306594	20.00	ng	-0.07
86) Perylene-d12	25.42	264	314704	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	262716	127.26	ng	-0.05
7) Phenol-d6	7.44	99	312198	100.44	ng	-0.05
23) Nitrobenzene-d5	9.45	82	281493	95.67	ng	-0.05
41) 2,4,6-Tribromophenol	16.38	330	197706	123.26	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	714024	98.18	ng	-0.05
78) Terphenyl-d14	20.23	244	1374748	95.62	ng	-0.05
Target Compounds						
32) Benzoic acid	10.23	122	59	6.115	ng	# 1
53) 2,4-Dinitrophenol	14.97	184	59	8.057	ng	# 1

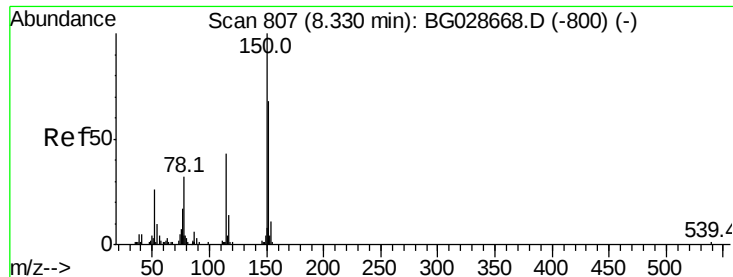
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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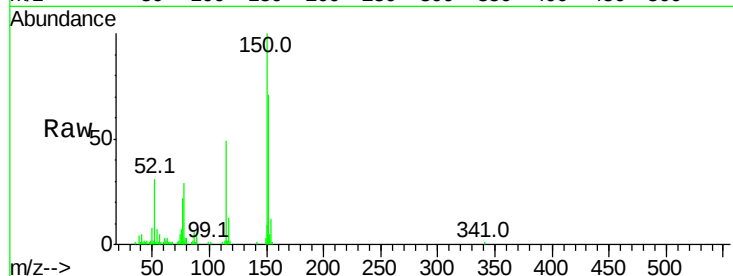


#1

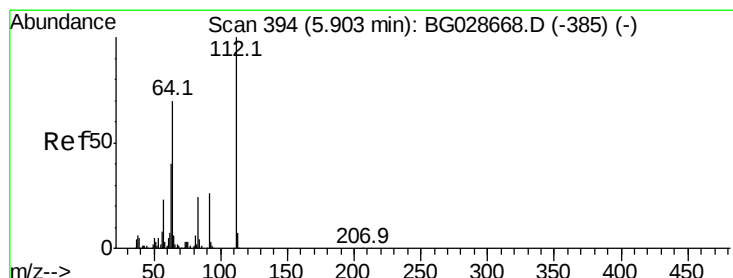
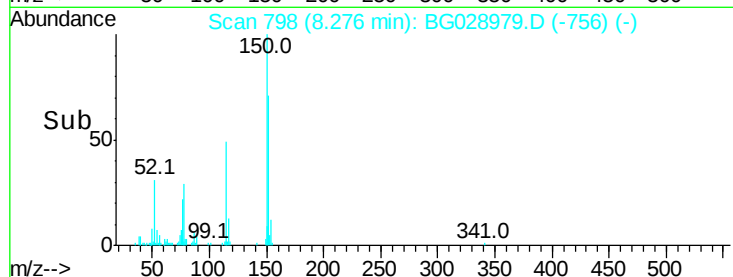
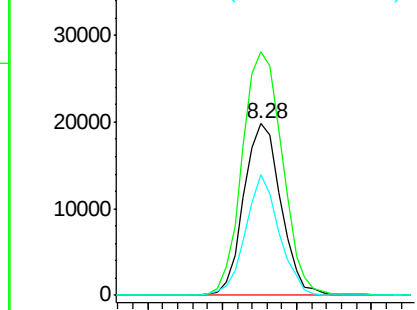
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.05 min
Lab File: BG028979.D
Acq: 29 Sep 2017 21:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 34065
Ion Ratio Lower Upper
152 100
150 141.8 114.0 171.0
115 70.1 48.1 72.1



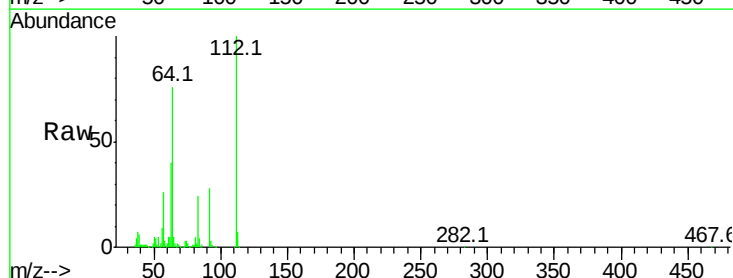
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



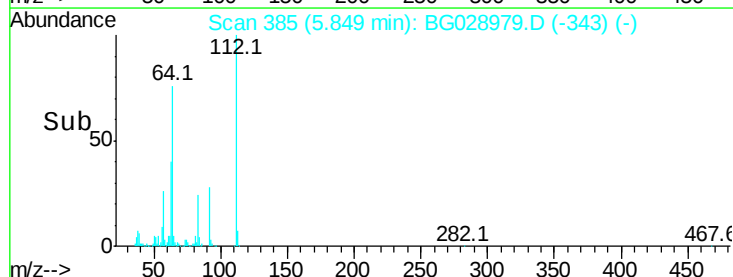
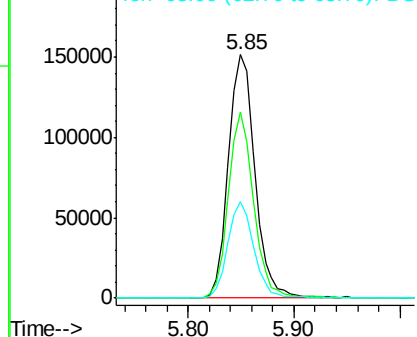
#5

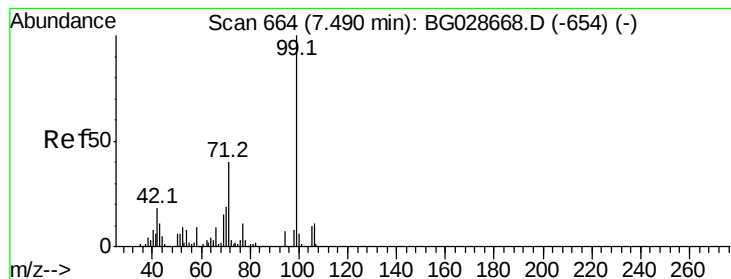
2-Fluorophenol
Concen: 127.255 ng
RT: 5.85 min Scan# 385
Delta R.T. -0.05 min
Lab File: BG028979.D
Acq: 29 Sep 2017 21:35

Tgt Ion:112 Resp: 262716
Ion Ratio Lower Upper
112 100
64 76.3 61.8 92.6
63 39.8 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: 100.439 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028979.D

Acq: 29 Sep 2017 21:35

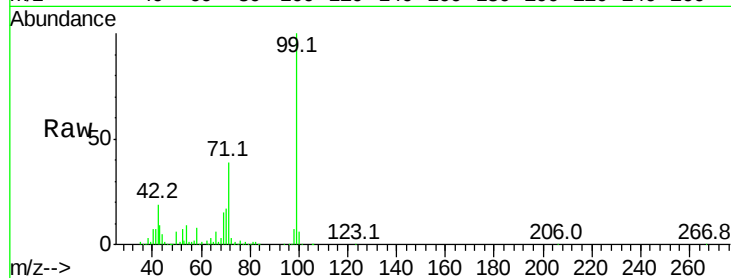
Instrument :

BNA_G

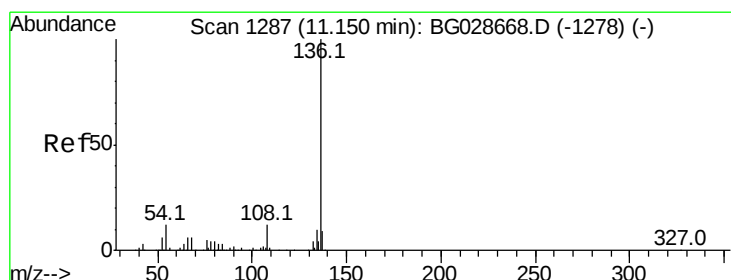
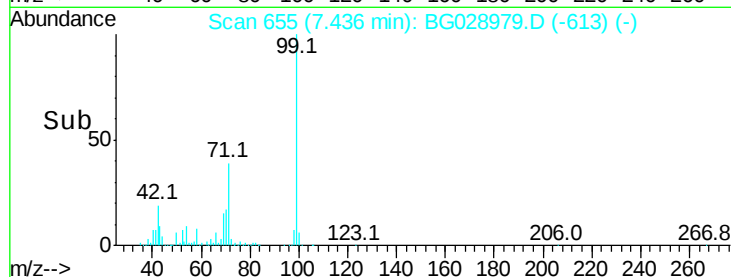
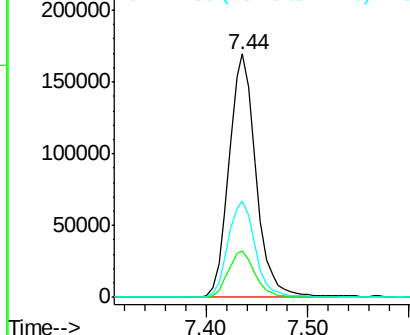
ClientSampled :

Tot Ion: 99 Resp: 312198

Ion	Ratio	Lower	Upper
99	100		
42	18.8	20.5	30.7#
71	39.5	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: 11.10 min Scan# 1278

Delta R.T. -0.05 min

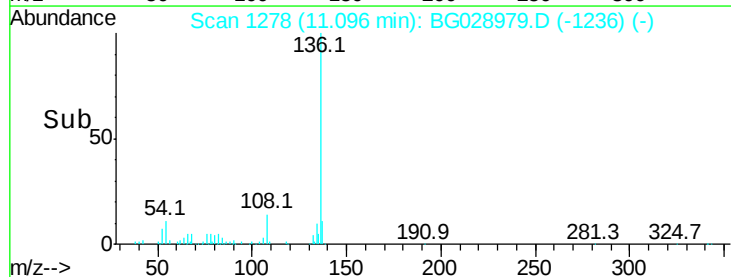
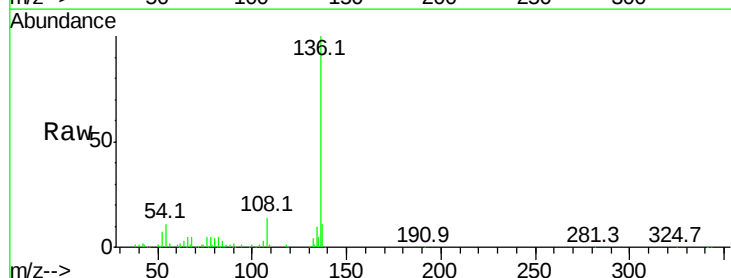
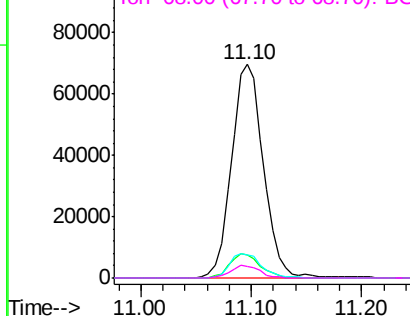
Lab File: BG028979.D

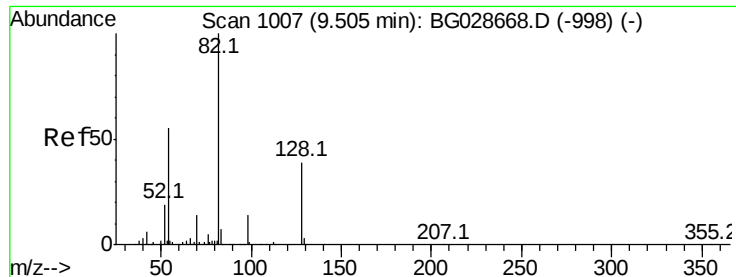
Acq: 29 Sep 2017 21:35

Tgt Ion: 136 Resp: 140759

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	11.0	9.3	13.9
68	5.1	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

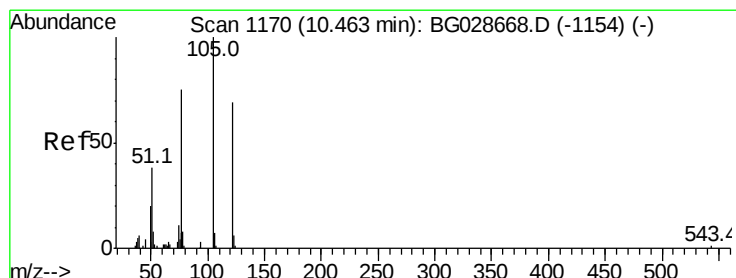
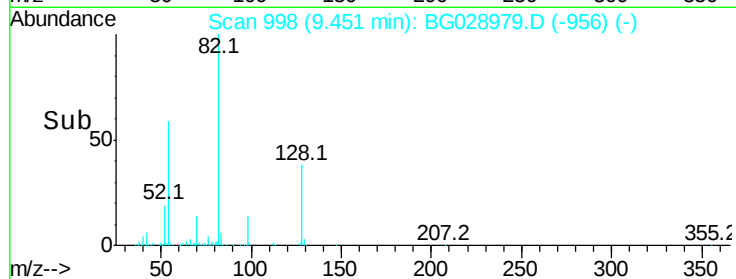
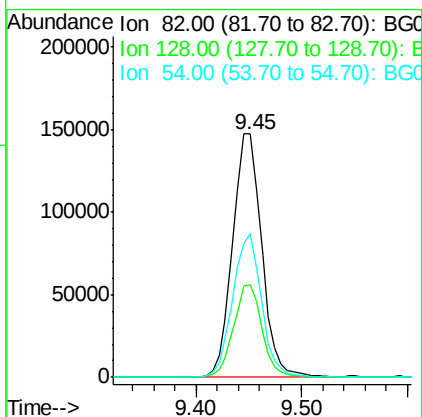
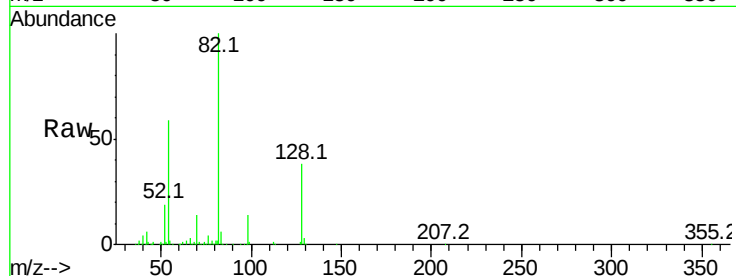




#23
Nitrobenzene-d5
Concen: 95.666 ng
RT: 9.45 min Scan# 998
Delta R.T. -0.05 min
Lab File: BG028979.D
Acq: 29 Sep 2017 21:35

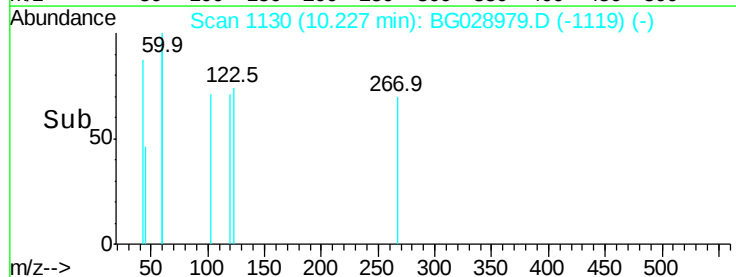
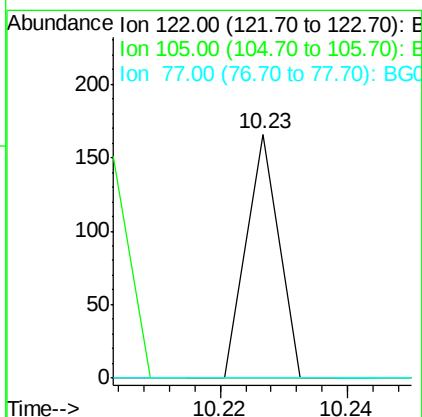
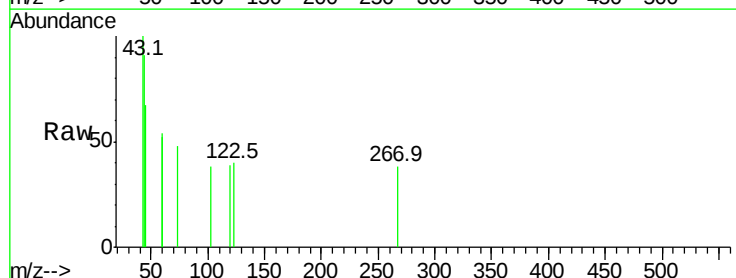
Instrument :
BNA_G
ClientSampleId :

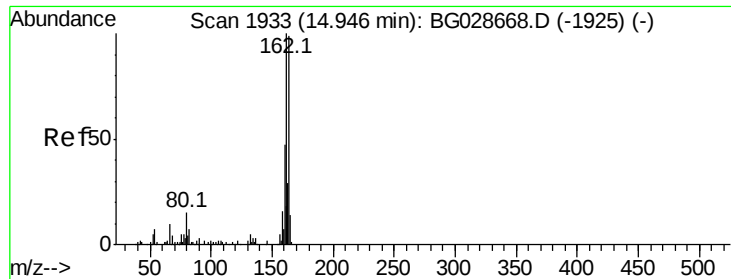
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.2	26.4	39.6
54	58.9	49.4	74.2



#32
Benzoic acid
Concen: 6.115 ng
RT: 10.23 min Scan# 1130
Delta R.T. -0.24 min
Lab File: BG028979.D
Acq: 29 Sep 2017 21:35

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	120.1	160.1#
77	0.0	104.6	144.6#

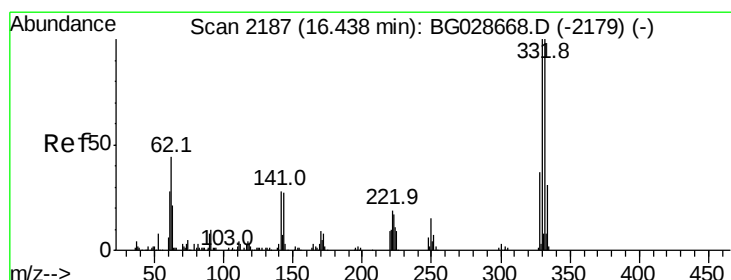
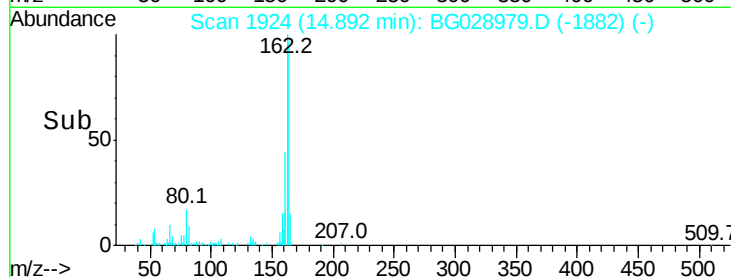
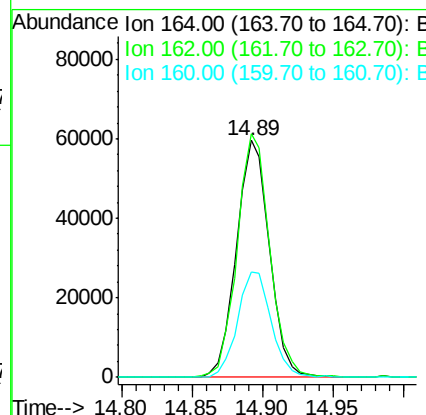
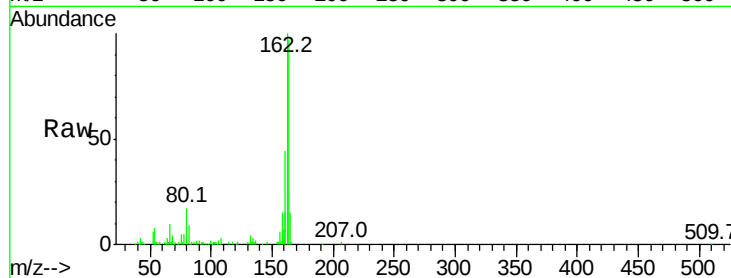




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.89 min Scan# 1924
Delta R.T. -0.05 min
Lab File: BG028979.D
Acq: 29 Sep 2017 21:35

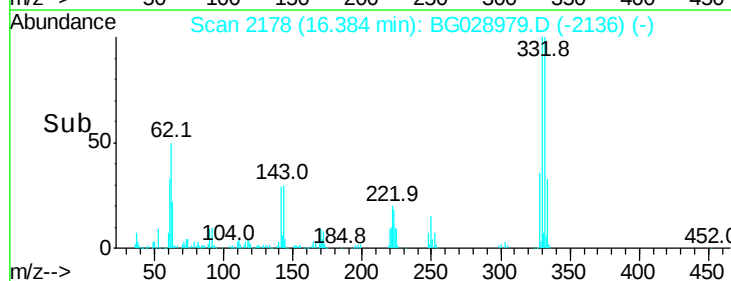
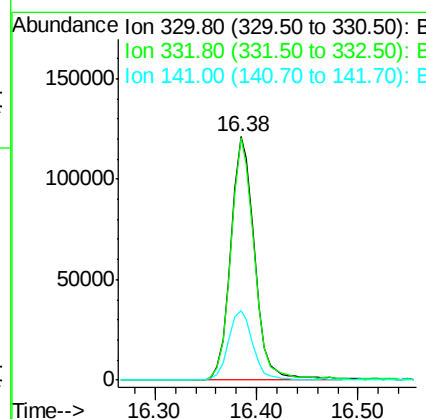
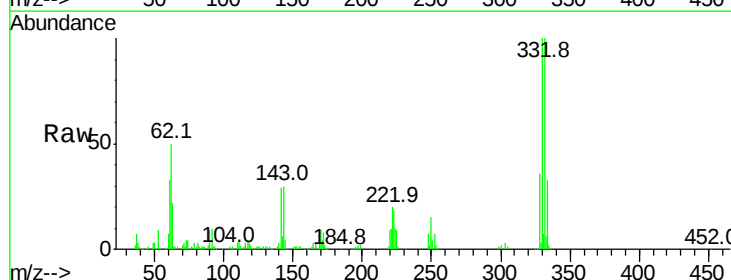
Instrument :
BNA_G
ClientSampleId :

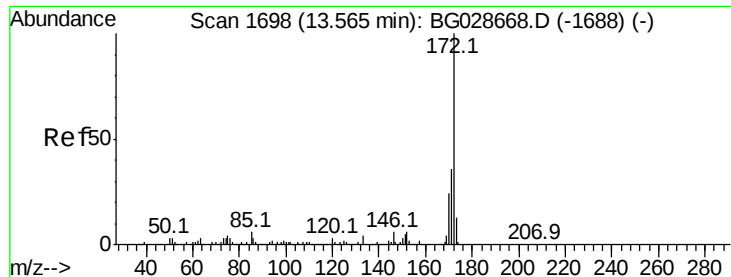
Tot Ion:164 Resp: 96979
Ion Ratio Lower Upper
164 100
162 102.9 85.1 127.7
160 44.8 34.7 52.1



#41
2,4,6-Tribromophenol
Concen: 123.260 ng
RT: 16.38 min Scan# 2178
Delta R.T. -0.05 min
Lab File: BG028979.D
Acq: 29 Sep 2017 21:35

Tgt Ion:330 Resp: 197706
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 29.3 32.1 48.1#

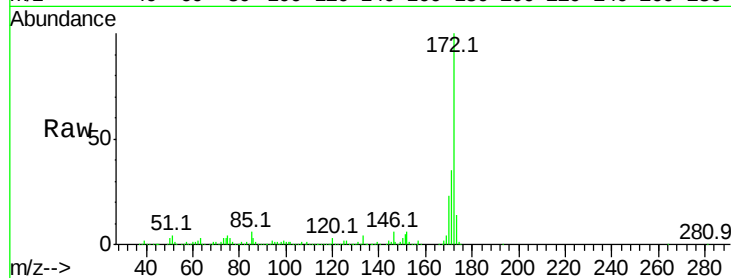




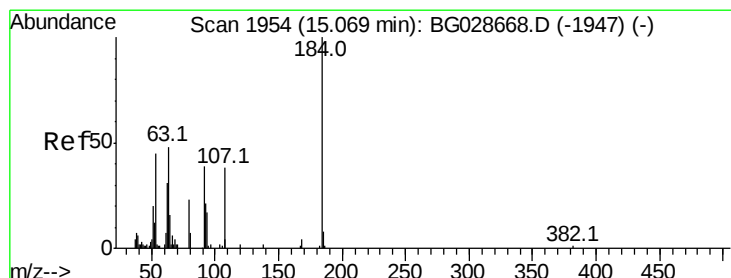
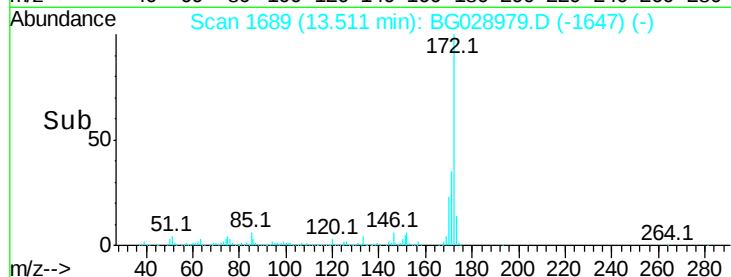
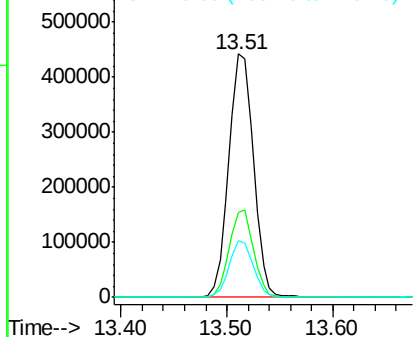
#44
2-Fluorobiphenyl
Concen: 98.175 ng
RT: 13.51 min Scan# 1689
Delta R.T. -0.05 min
Lab File: BG028979.D
Acq: 29 Sep 2017 21:35

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 714024
Ion Ratio Lower Upper
172 100
171 34.7 32.2 48.2
170 23.1 21.8 32.6

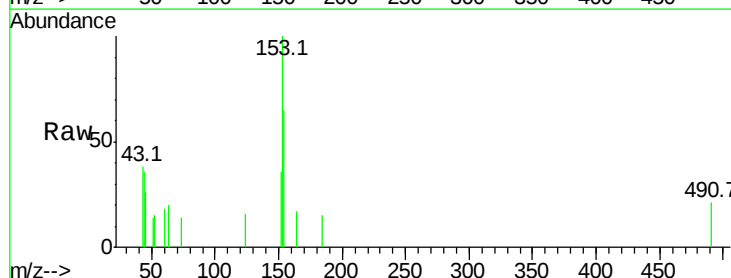


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

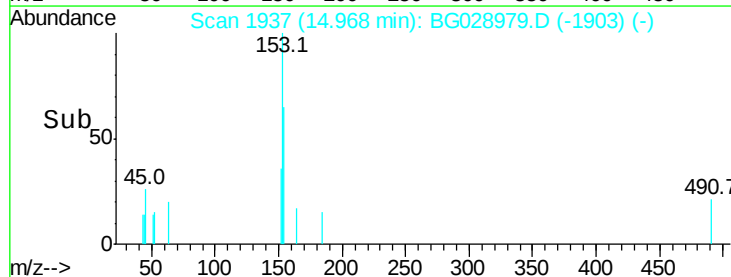
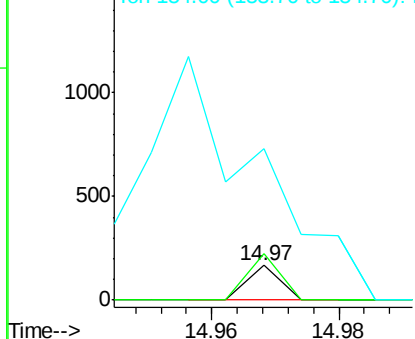


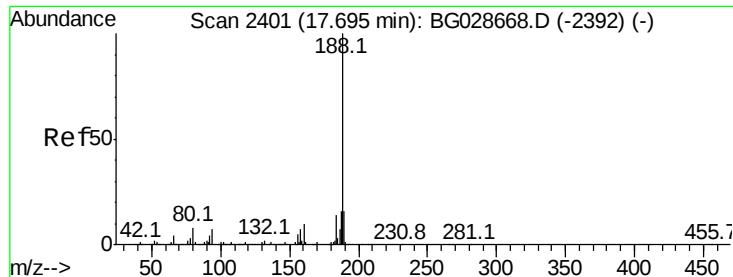
#53
2,4-Dinitrophenol
Concen: 8.057 ng
RT: 14.97 min Scan# 1937
Delta R.T. -0.10 min
Lab File: BG028979.D
Acq: 29 Sep 2017 21:35

Tgt Ion:184 Resp: 59
Ion Ratio Lower Upper
184 100
63 134.9 52.7 79.1#
154 440.4 57.3 85.9#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG0
Ion 154.00 (153.70 to 154.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.65 min Scan# 2393

Delta R.T. -0.05 min

Lab File: BG028979.D

Acq: 29 Sep 2017 21:35

Instrument :

BNA_G

ClientSampleId :

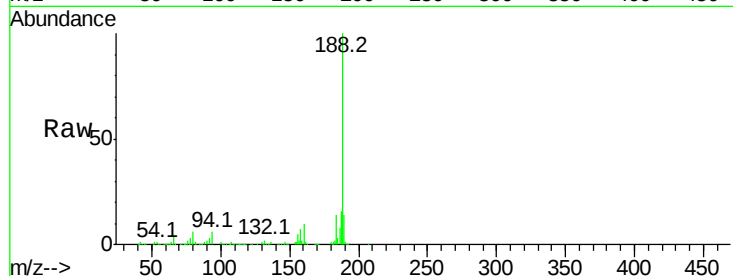
Tot Ion:188 Resp: 255261

Ion Ratio Lower Upper

188 100

94 5.9 5.8 8.8

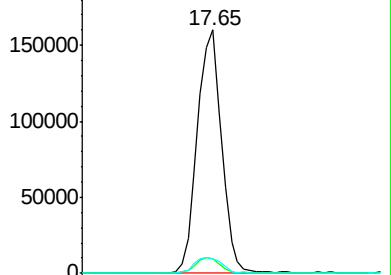
80 6.0 7.5 11.3#



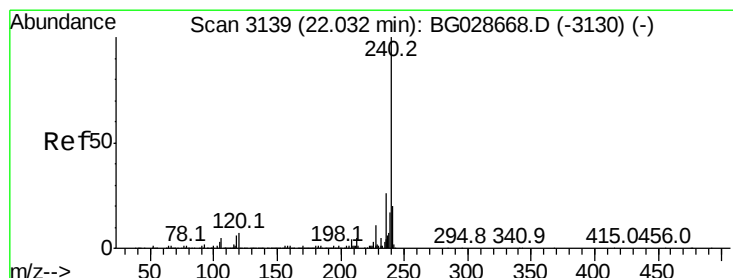
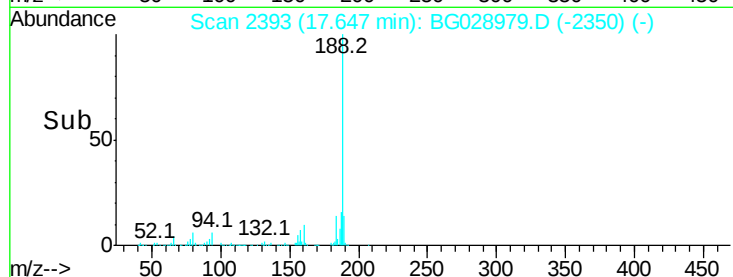
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.97 min Scan# 3128

Delta R.T. -0.07 min

Lab File: BG028979.D

Acq: 29 Sep 2017 21:35

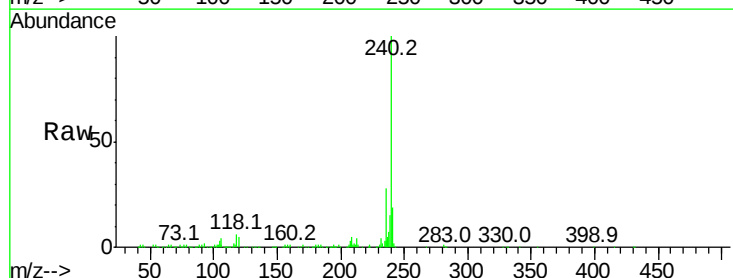
Tgt Ion:240 Resp: 306594

Ion Ratio Lower Upper

240 100

120 5.1 5.7 8.5#

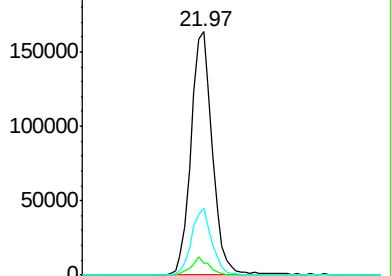
236 27.6 22.2 33.4



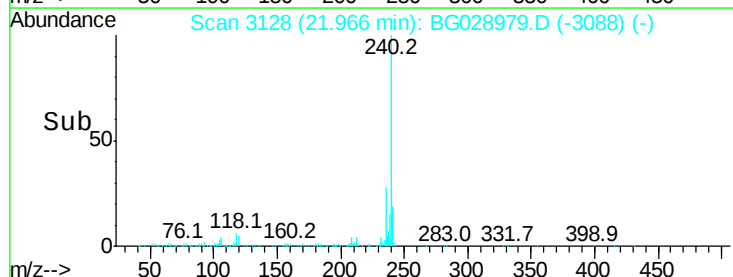
Abundance Ion 240.00 (239.70 to 240.70): E

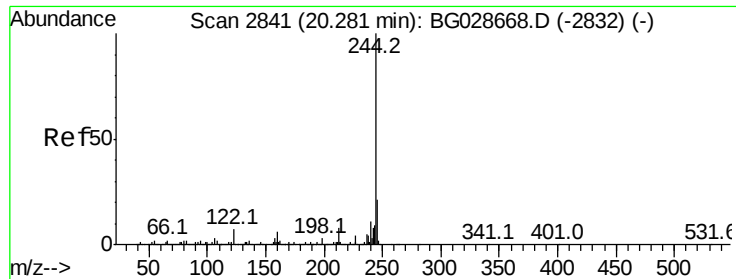
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 95.623 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028979.D

Acq: 29 Sep 2017 21:35

Instrument :

BNA_G

ClientSampleId :

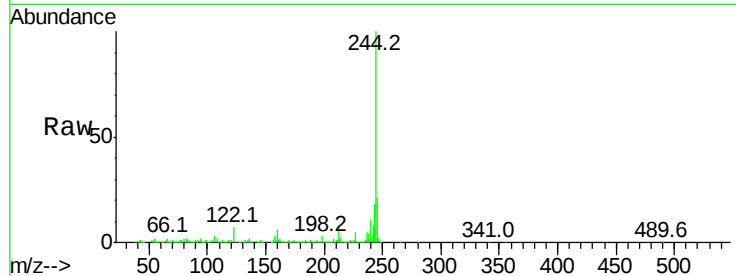
Tot Ion:244 Resp: 1374748

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

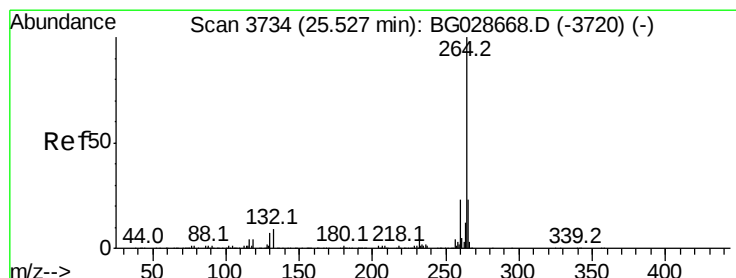
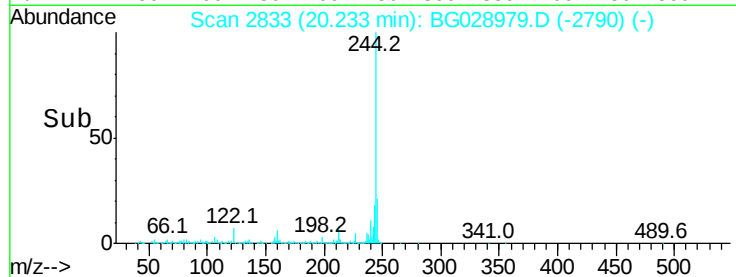
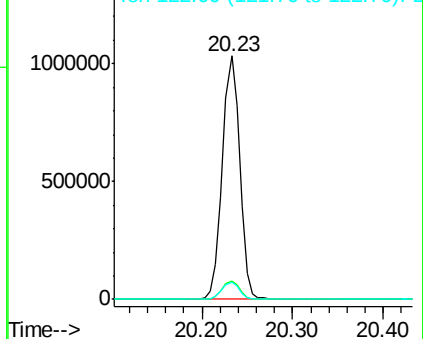
122 7.2 8.6 12.8#



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: 25.42 min Scan# 3716

Delta R.T. -0.11 min

Lab File: BG028979.D

Acq: 29 Sep 2017 21:35

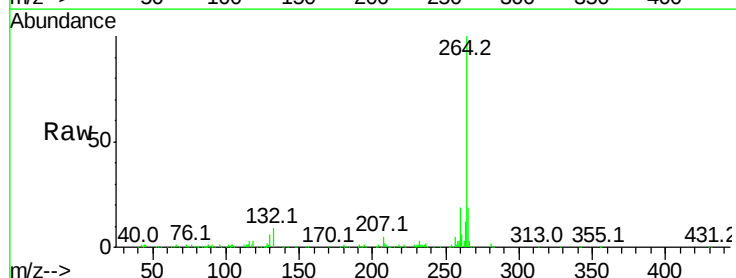
Tgt Ion:264 Resp: 314704

Ion Ratio Lower Upper

264 100

260 19.5 21.8 32.8#

265 18.8 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

