

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092717\
 Data File : BG028954.D
 Acq On : 27 Sep 2017 22:24
 Operator : SJ/JU
 Sample : I5445-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-092617-C

Quant Time: Sep 28 01:28:34 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

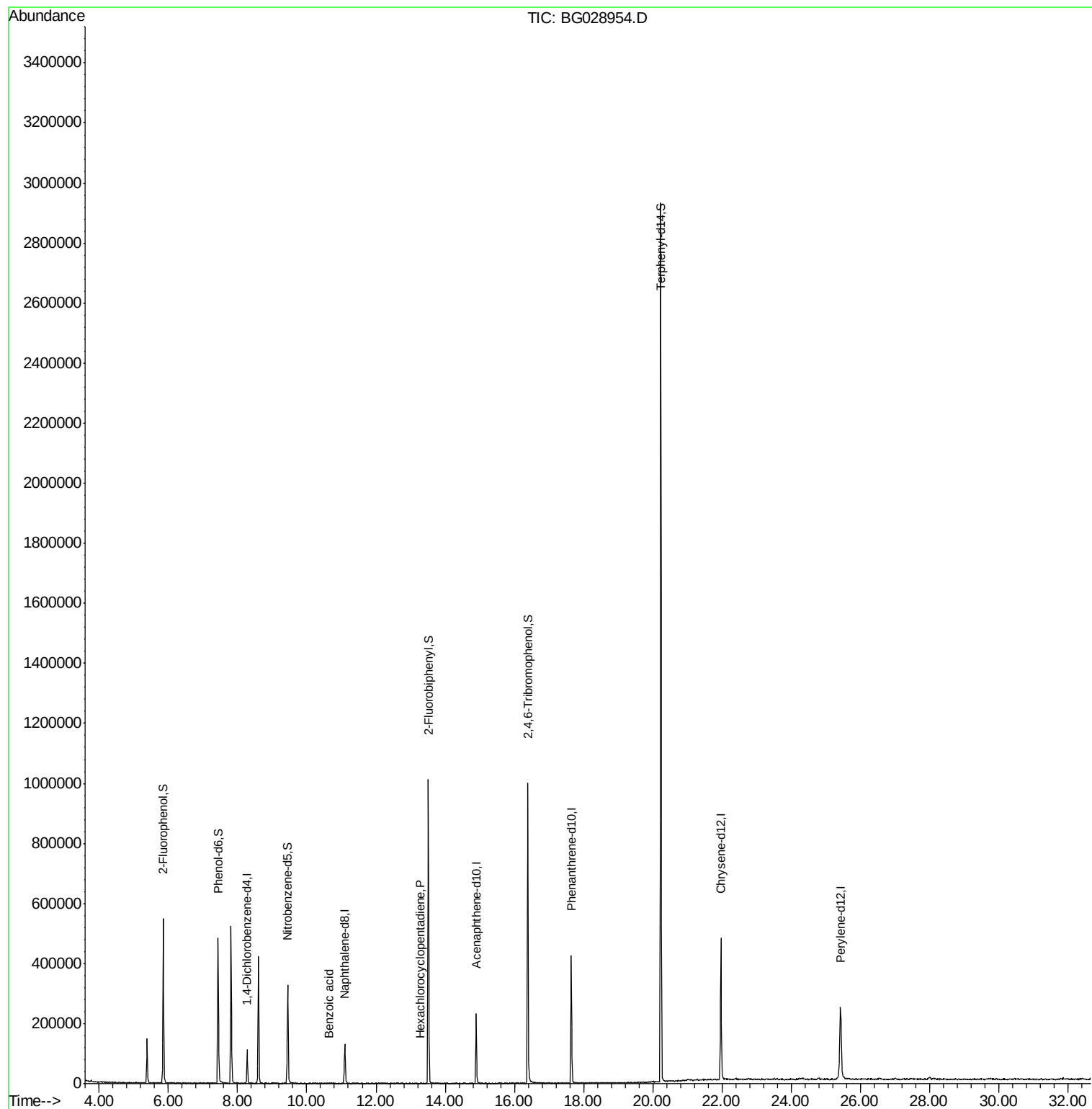
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	31157	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	122119	20.00	ng	-0.05
38) Acenaphthene-d10	14.90	164	86883	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	279085	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	335742	20.00	ng	-0.07
86) Perylene-d12	25.43	264	340801	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	231463	122.58	ng	-0.05
7) Phenol-d6	7.44	99	300166	105.58	ng	-0.05
23) Nitrobenzene-d5	9.45	82	211675	82.92	ng	-0.05
41) 2,4,6-Tribromophenol	16.38	330	214791	149.47	ng	-0.05
44) 2-Fluorobiphenyl	13.52	172	559349	85.85	ng	-0.05
78) Terphenyl-d14	20.23	244	1411541	89.66	ng	-0.05
Target Compounds						
32) Benzoic acid	10.65	122	56	6.117	ng	# 1
40) Hexachlorocyclopentadiene	13.28	237	87	7.660	ng	# 29

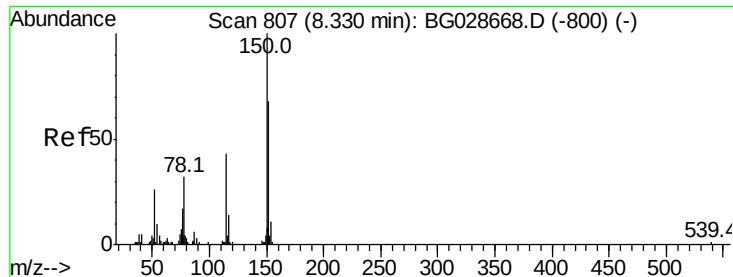
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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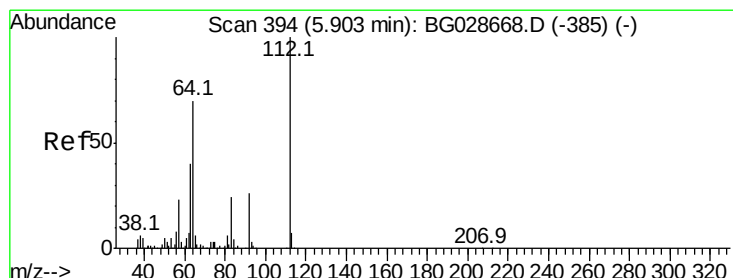
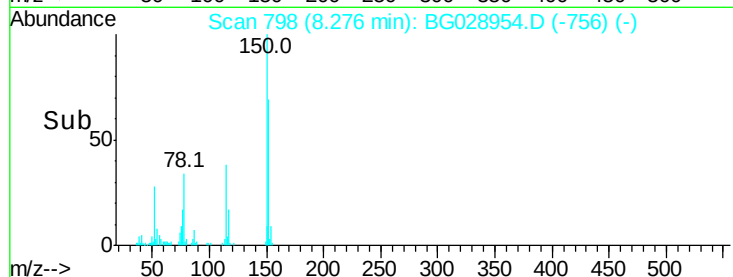
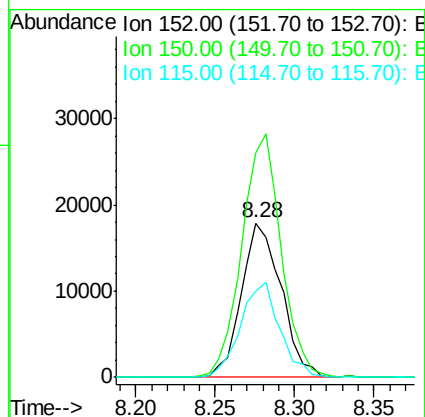
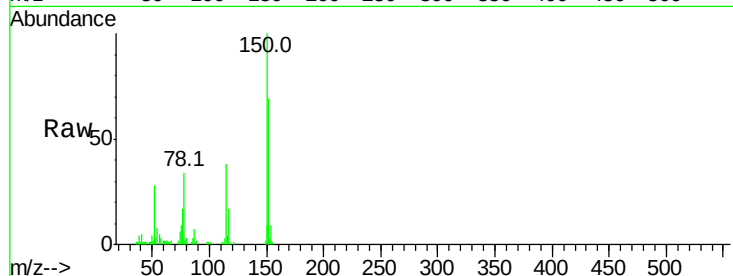


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.05 min
Lab File: BG028954.D
Acq: 27 Sep 2017 22:24

Instrument :
BNA_G
ClientSampleId :
AU-05-092617-C

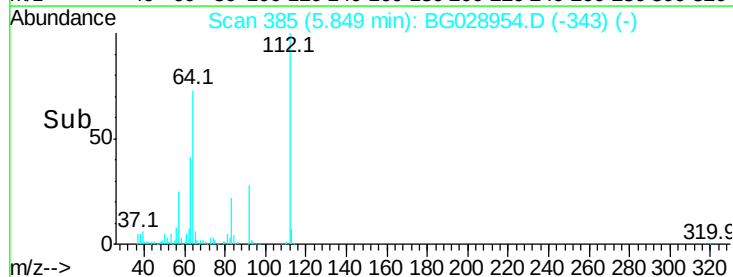
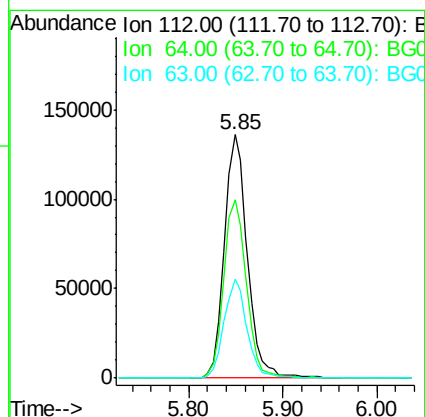
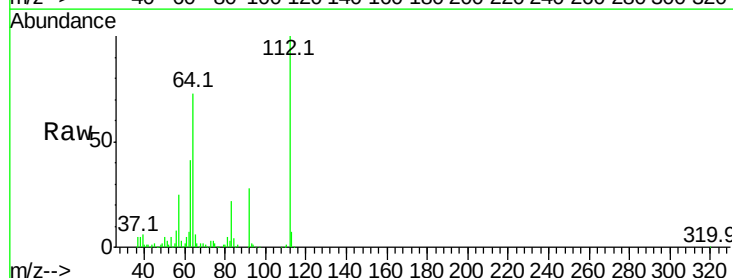
Tot Ion:152 Resp: 31157
Ion Ratio Lower Upper
152 100
150 145.9 114.0 171.0
115 55.7 48.1 72.1

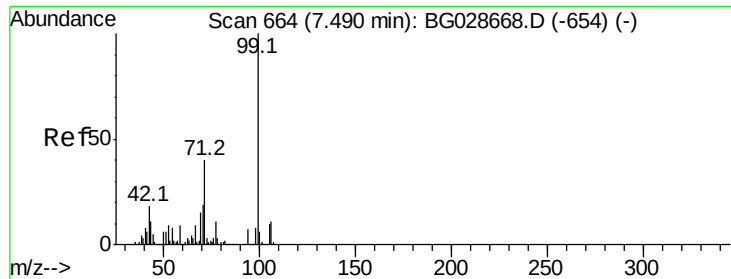


#5

2-Fluorophenol
Concen: 122.581 ng
RT: 5.85 min Scan# 385
Delta R.T. -0.05 min
Lab File: BG028954.D
Acq: 27 Sep 2017 22:24

Tgt Ion:112 Resp: 231463
Ion Ratio Lower Upper
112 100
64 73.2 61.8 92.6
63 40.6 37.2 55.8





#7

Phenol-d6

Concen: 105.581 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028954.D

Acq: 27 Sep 2017 22:24

Instrument :

BNA_G

ClientSampleId :

AU-05-092617-C

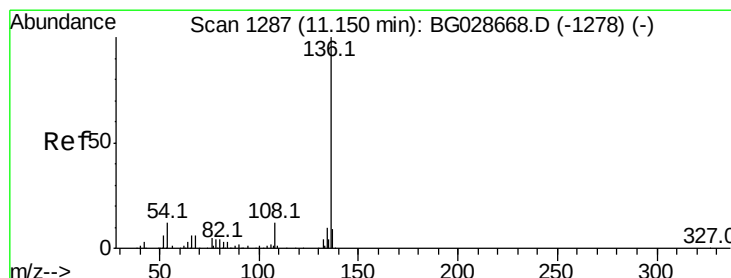
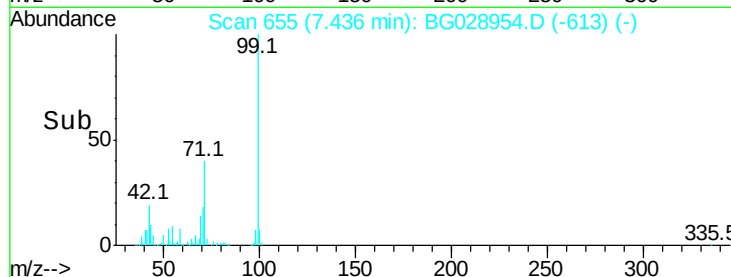
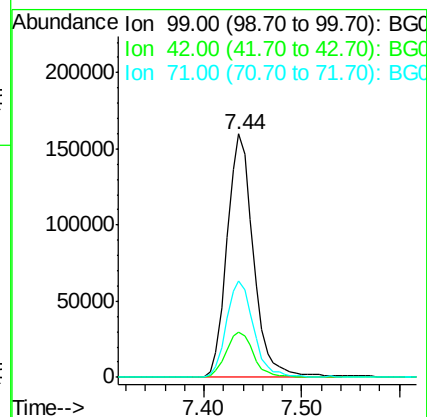
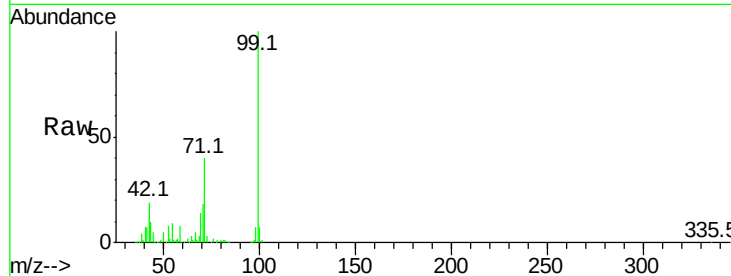
Tot Ion: 99 Resp: 300166

Ion Ratio Lower Upper

99 100

42 18.7 20.5 30.7#

71 39.7 37.6 56.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.10 min Scan# 1279

Delta R.T. -0.05 min

Lab File: BG028954.D

Acq: 27 Sep 2017 22:24

Tgt Ion: 136 Resp: 122119

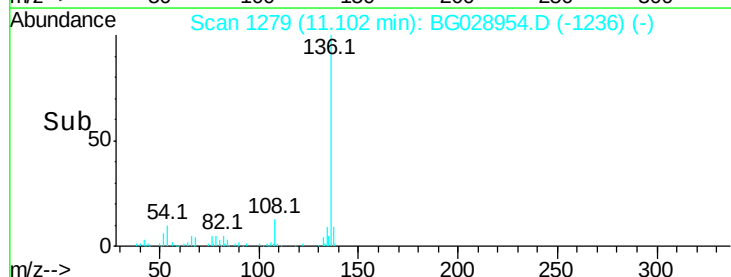
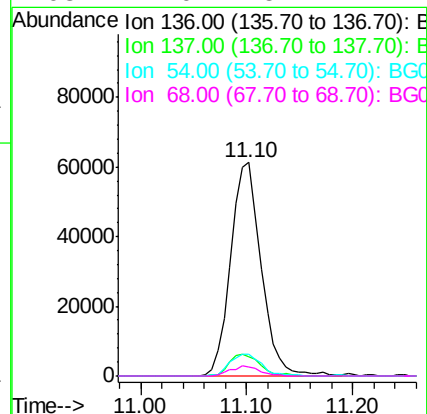
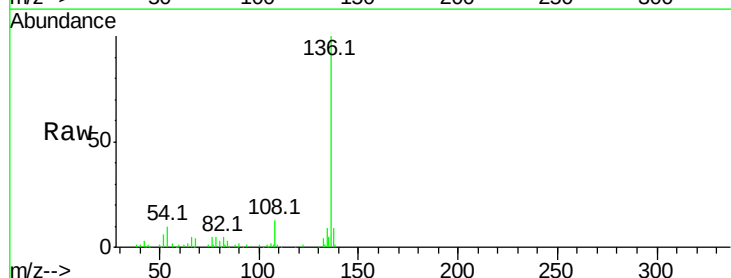
Ion Ratio Lower Upper

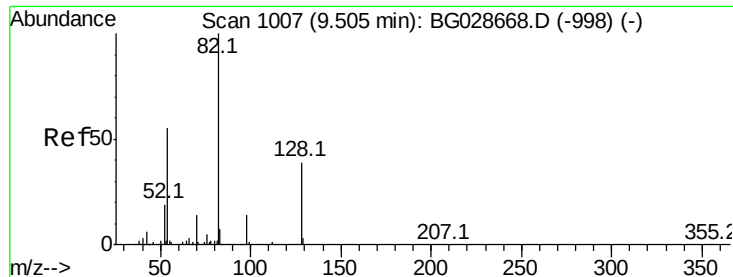
136 100

137 9.2 8.9 13.3

54 10.3 9.3 13.9

68 4.0 5.1 7.7#

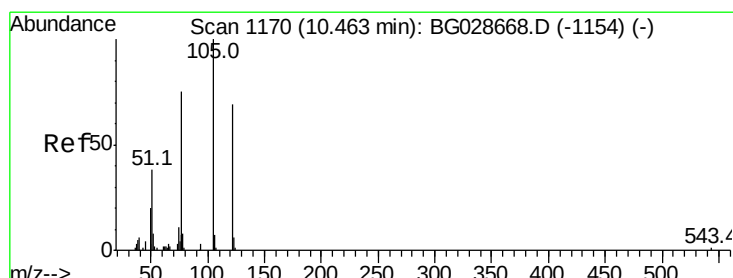
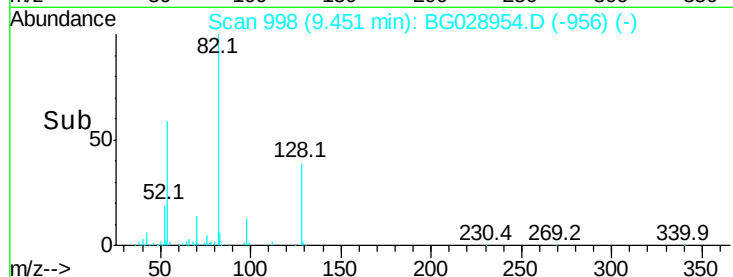
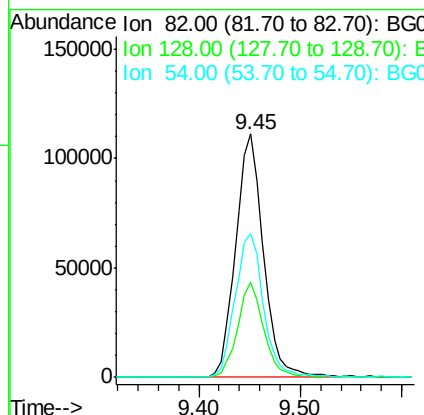
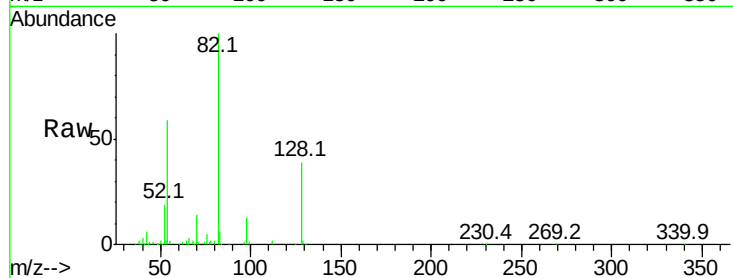




#23
 Nitrobenzene-d5
 Concen: 82.919 ng
 RT: 9.45 min Scan# 998
 Delta R.T. -0.05 min
 Lab File: BG028954.D
 Acq: 27 Sep 2017 22:24

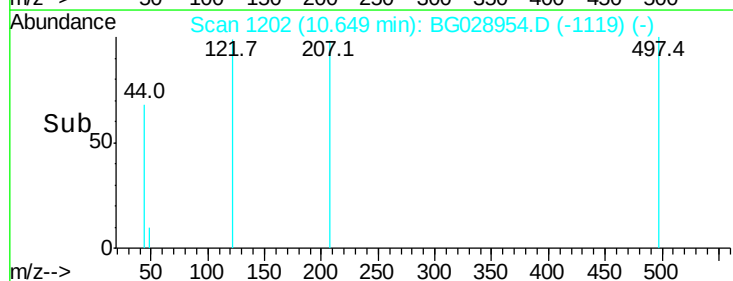
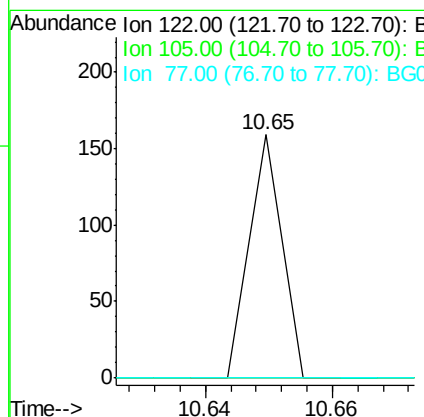
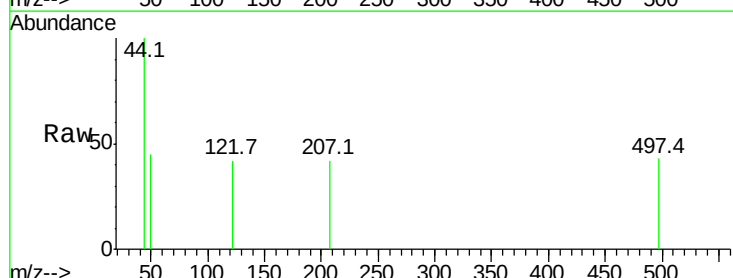
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-092617-C

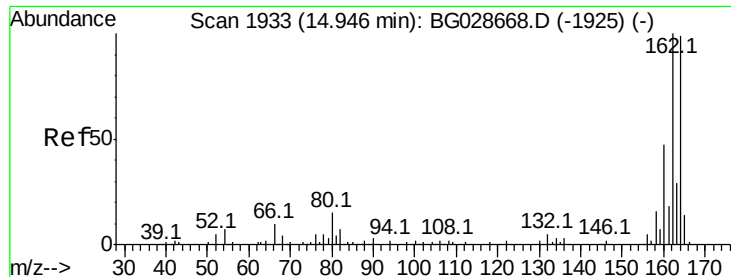
Tot Ion	82	Resp	211675
Ion	Ratio	Lower	Upper
82	100		
128	39.2	26.4	39.6
54	58.8	49.4	74.2



#32
 Benzoic acid
 Concen: 6.117 ng
 RT: 10.65 min Scan# 1202
 Delta R.T. 0.19 min
 Lab File: BG028954.D
 Acq: 27 Sep 2017 22:24

Tgt Ion	122	Resp	56
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: 14.90 min Scan# 1925

Delta R.T. -0.05 min

Lab File: BG028954.D

Acq: 27 Sep 2017 22:24

Instrument :

BNA_G

ClientSampleId :

AU-05-092617-C

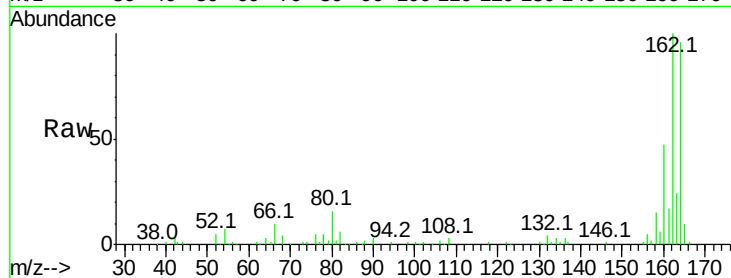
Tot Ion:164 Resp: 86883

Ion Ratio Lower Upper

164 100

162 104.2 85.1 127.7

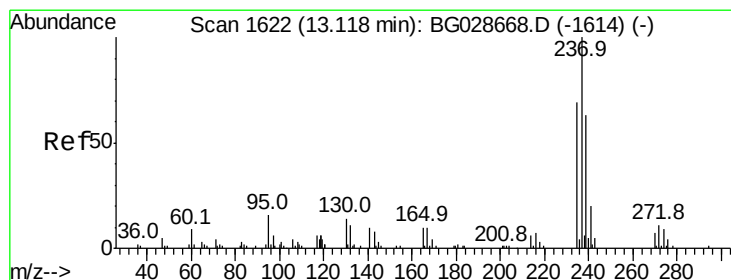
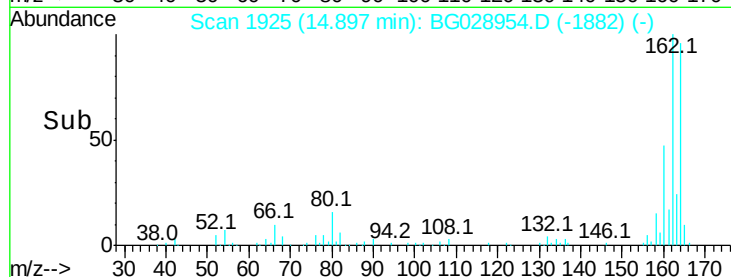
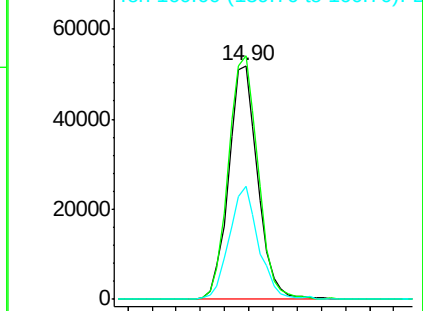
160 48.6 34.7 52.1



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



#40

Hexachlorocyclopentadiene

Concen: 7.660 ng

RT: 13.28 min Scan# 1650

Delta R.T. 0.16 min

Lab File: BG028954.D

Acq: 27 Sep 2017 22:24

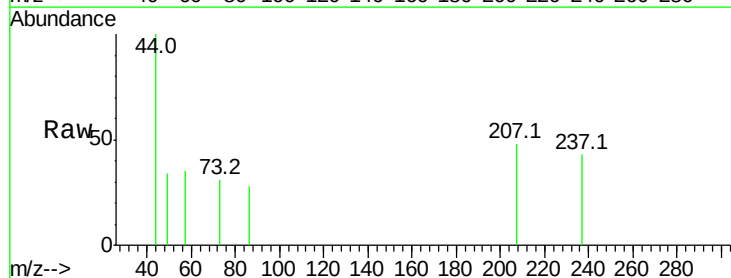
Tgt Ion:237 Resp: 87

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

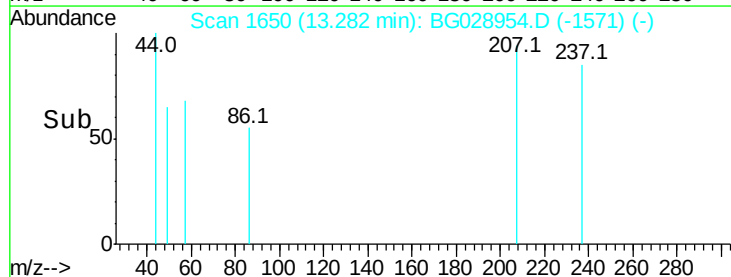
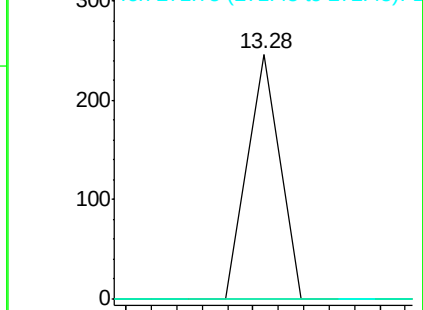
272 0.0 0.0 32.0

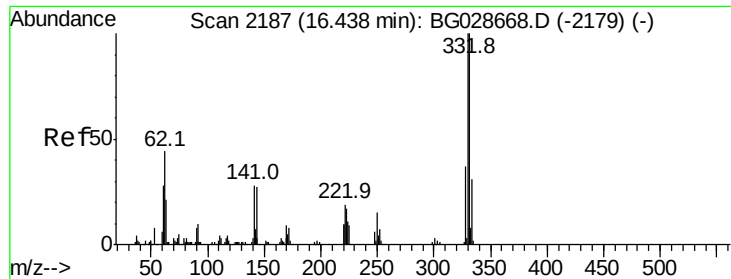


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

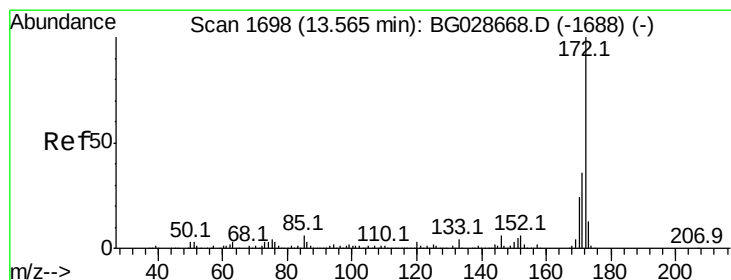
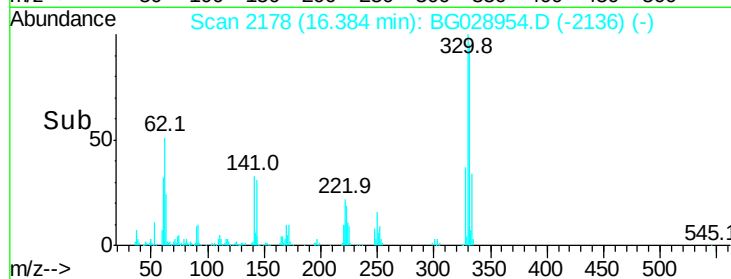
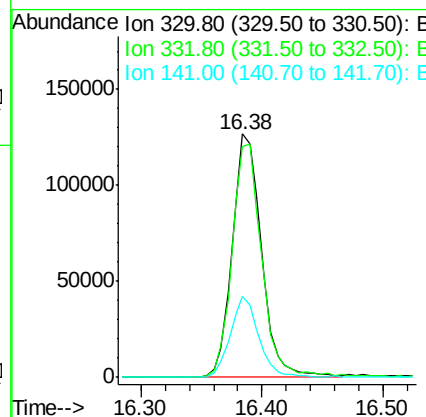
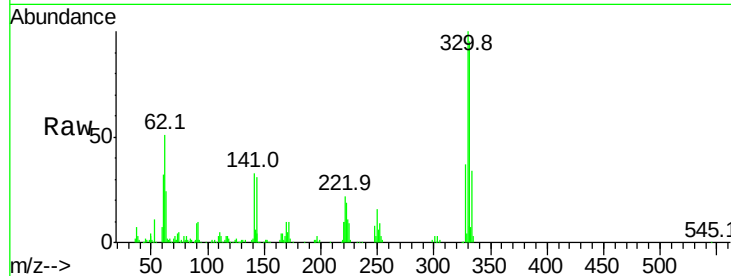




#41
2,4,6-Tribromophenol
Concen: 149.473 ng
RT: 16.38 min Scan# 2178
Delta R.T. -0.05 min
Lab File: BG028954.D
Acq: 27 Sep 2017 22:24

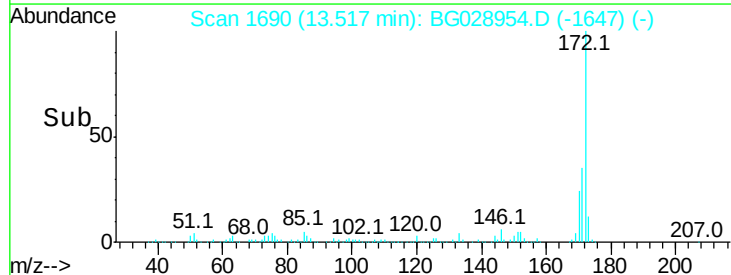
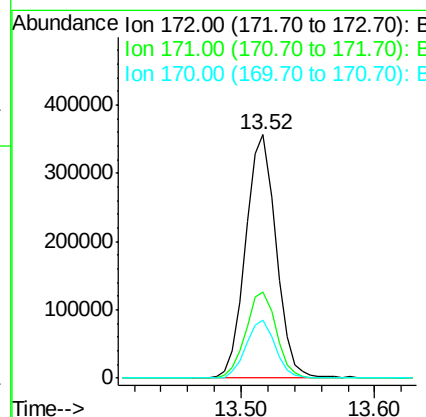
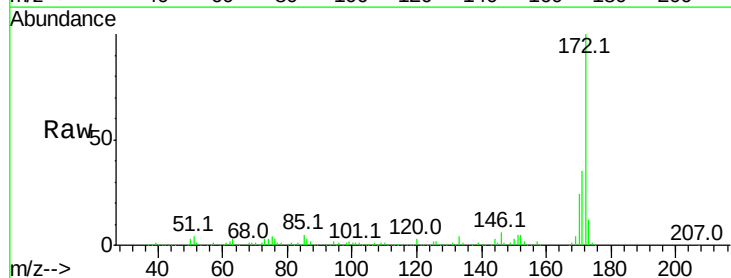
Instrument :
BNA_G
ClientSampleId :
AU-05-092617-C

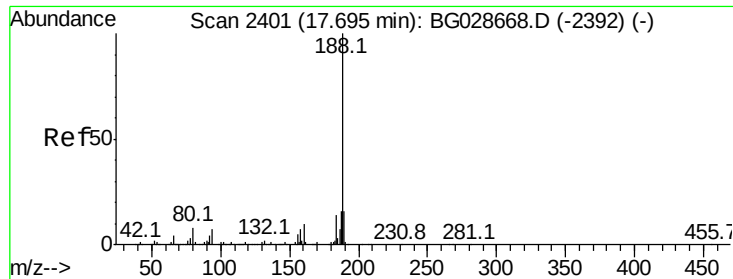
Tot Ion:330 Resp: 214791
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 32.0 32.1 48.1#



#44
2-Fluorobiphenyl
Concen: 85.845 ng
RT: 13.52 min Scan# 1690
Delta R.T. -0.05 min
Lab File: BG028954.D
Acq: 27 Sep 2017 22:24

Tgt Ion:172 Resp: 559349
Ion Ratio Lower Upper
172 100
171 35.4 32.2 48.2
170 23.9 21.8 32.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.65 min Scan# 2393

Delta R.T. -0.05 min

Lab File: BG028954.D

Acq: 27 Sep 2017 22:24

Instrument :

BNA_G

ClientSampleId :

AU-05-092617-C

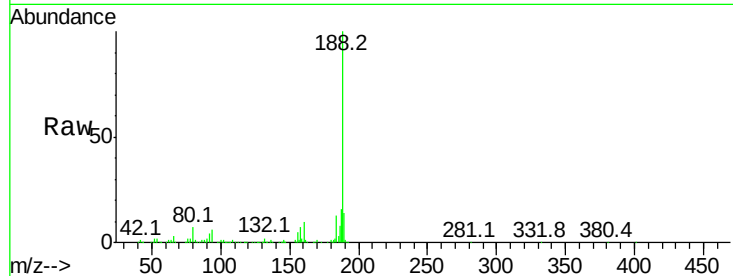
Tot Ion:188 Resp: 279085

Ion Ratio Lower Upper

188 100

94 6.5 5.8 8.8

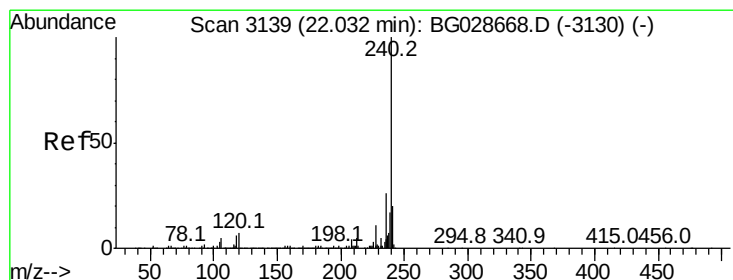
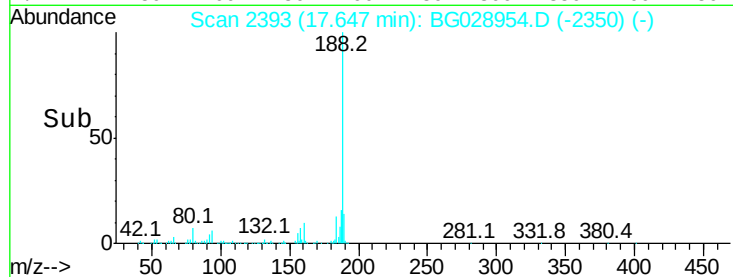
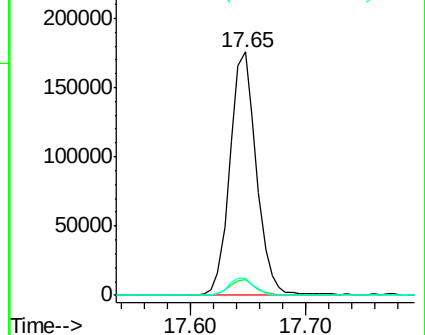
80 6.9 7.5 11.3#



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: 20.000 ng

RT: 21.97 min Scan# 3128

Delta R.T. -0.07 min

Lab File: BG028954.D

Acq: 27 Sep 2017 22:24

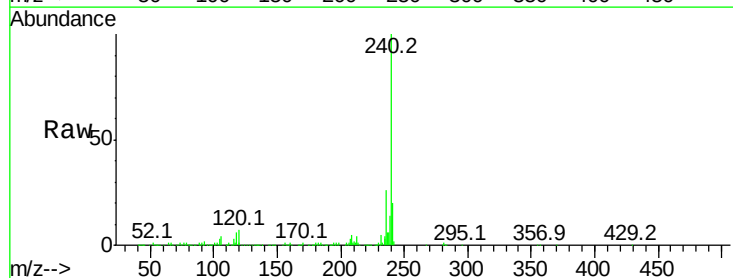
Tgt Ion:240 Resp: 335742

Ion Ratio Lower Upper

240 100

120 6.6 5.7 8.5

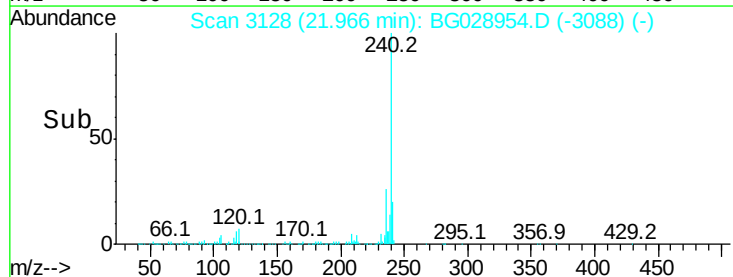
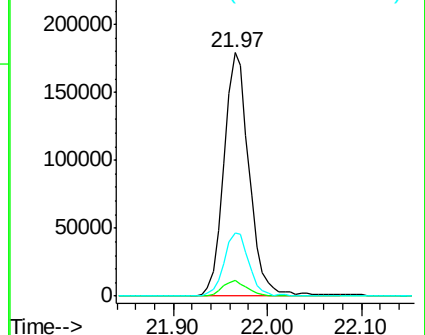
236 25.7 22.2 33.4

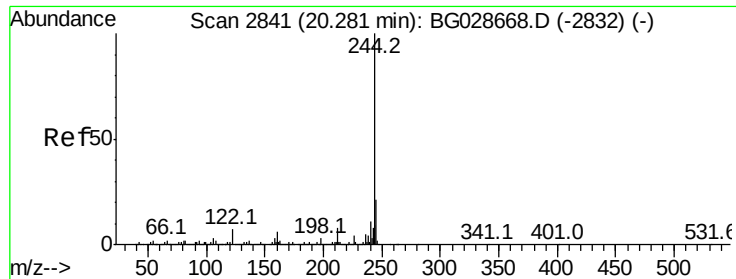


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.658 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028954.D

Acq: 27 Sep 2017 22:24

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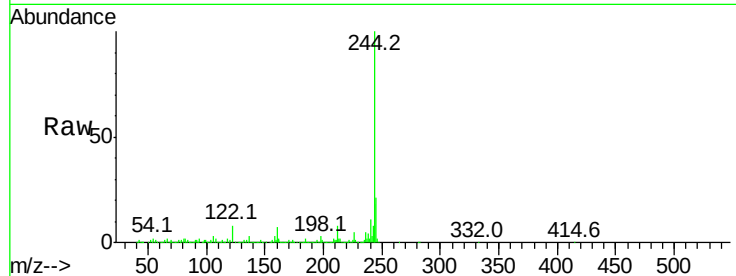
Tot Ion:244 Resp: 1411541

Ion Ratio Lower Upper

244 100

212 8.2 10.0 15.0#

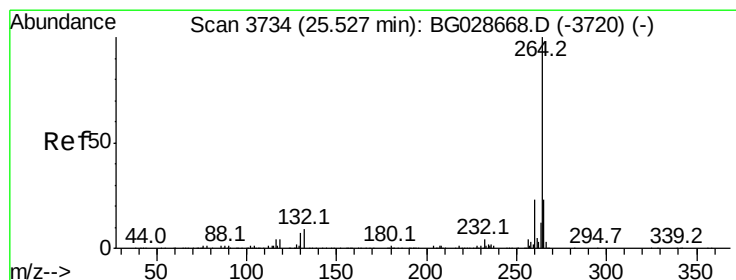
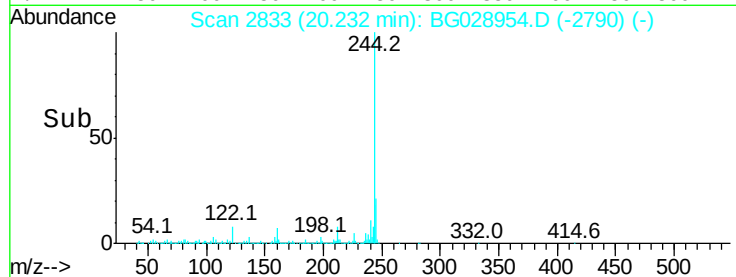
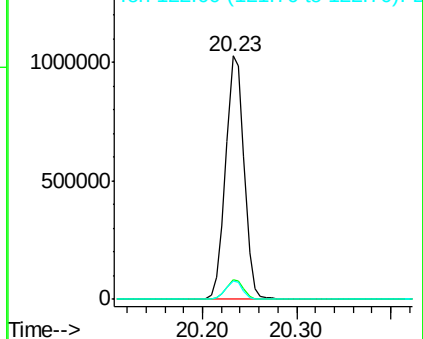
122 7.8 8.6 12.8#



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: 25.43 min Scan# 3717

Delta R.T. -0.10 min

Lab File: BG028954.D

Acq: 27 Sep 2017 22:24

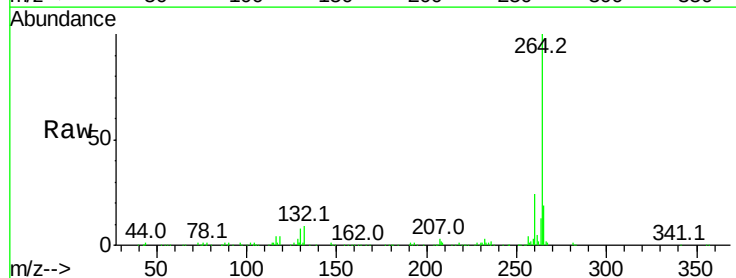
Tgt Ion:264 Resp: 340801

Ion Ratio Lower Upper

264 100

260 24.1 21.8 32.8

265 19.0 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

