

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028918.D
 Acq On : 25 Sep 2017 21:53
 Operator : SJ/JU
 Sample : PB102568BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 26 01:27:53 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

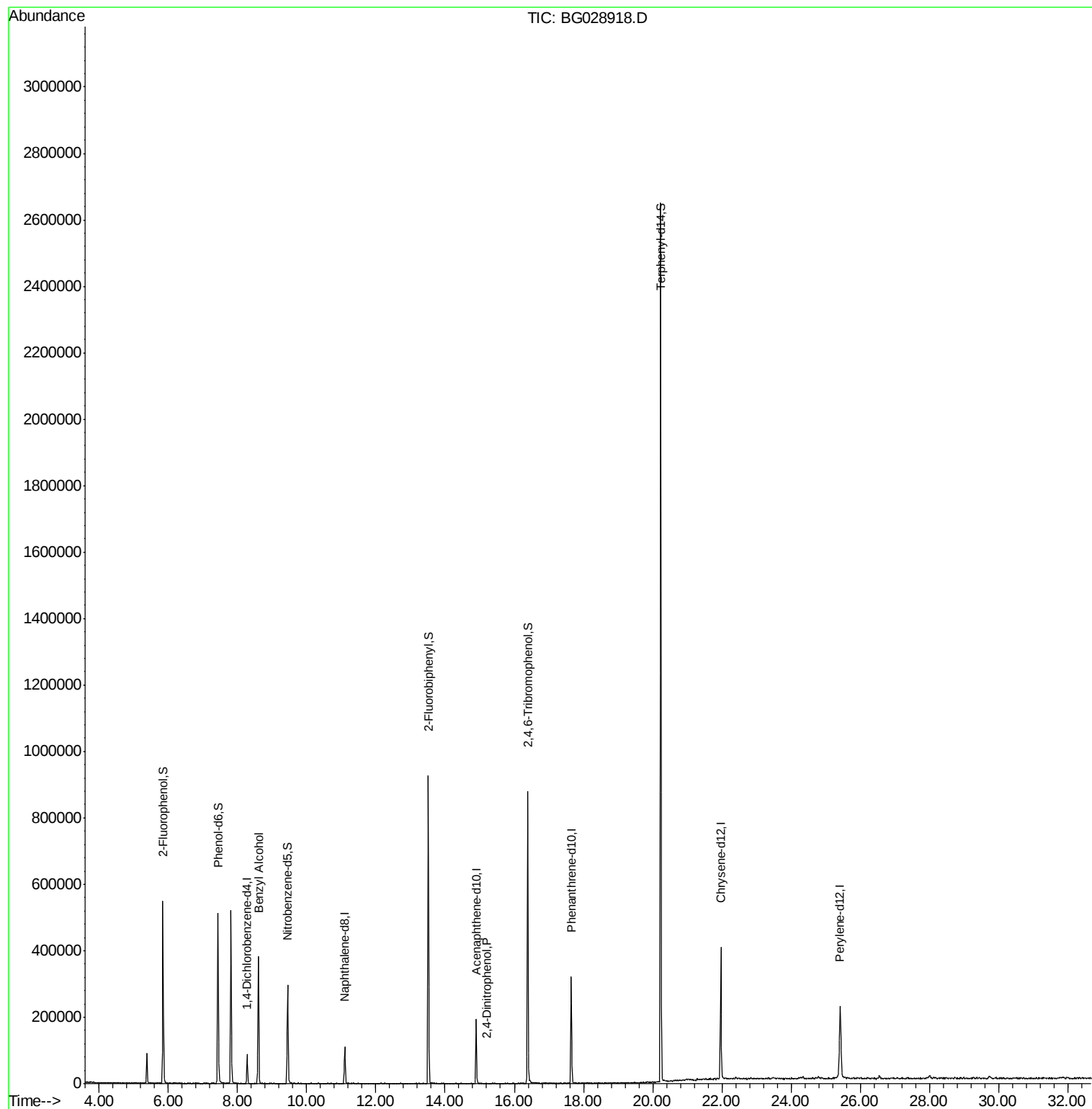
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	26727	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	98932	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	73350	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	226534	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	277895	20.00	ng	-0.06
86) Perylene-d12	25.41	264	290755	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	230539	142.33	ng	-0.06
7) Phenol-d6	7.44	99	310877	127.47	ng	-0.05
23) Nitrobenzene-d5	9.45	82	195495	94.53	ng	-0.05
41) 2,4,6-Tribromophenol	16.39	330	198033	163.24	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	514575	93.54	ng	-0.05
78) Terphenyl-d14	20.24	244	1271347	97.56	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	8.61	79	3986	2.09	ng	# 77
53) 2,4-Dinitrophenol	15.19	184	93	8.12	ng	# 15

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

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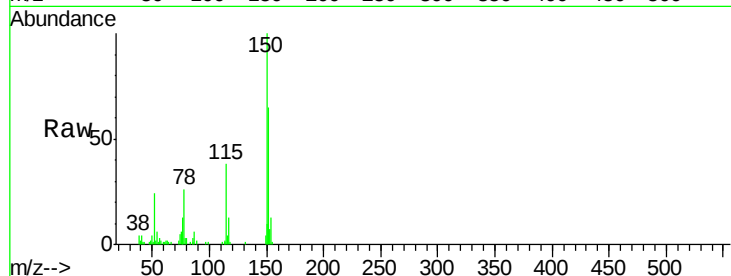


#1

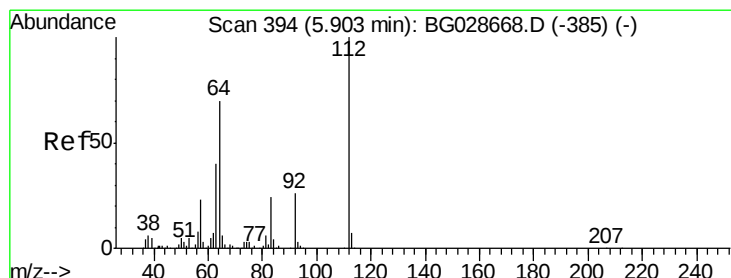
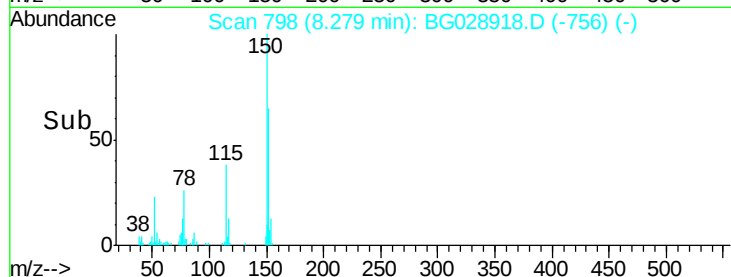
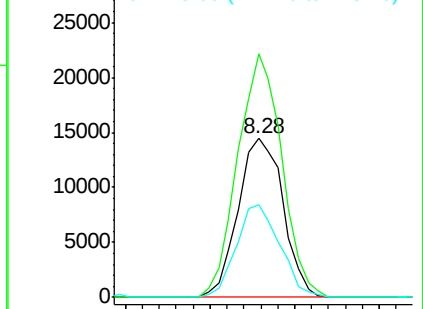
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.05 min
Lab File: BG028918.D
Acq: 25 Sep 2017 21:53

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 26727
Ion Ratio Lower Upper
152 100
150 153.1 114.0 171.0
115 58.5 48.1 72.1



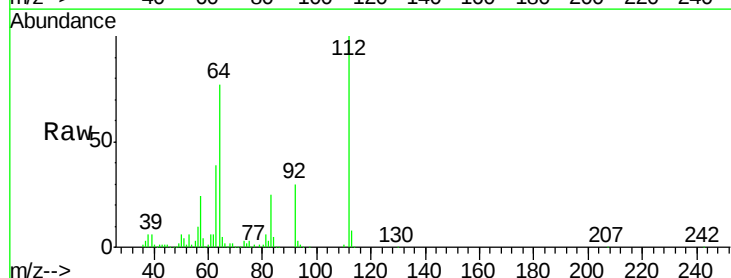
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



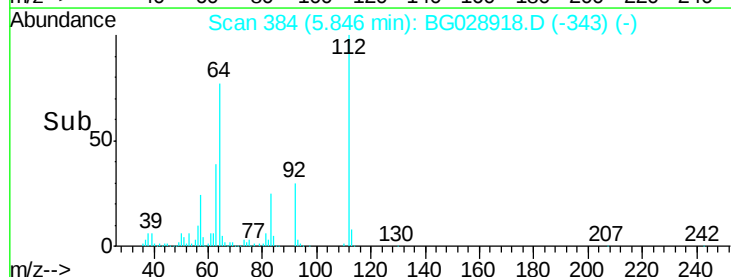
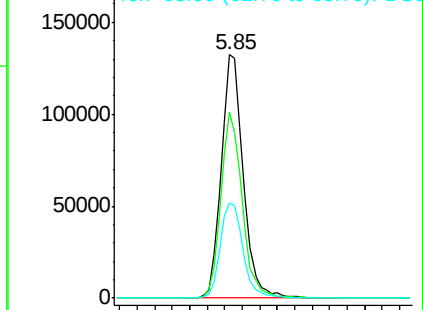
#5

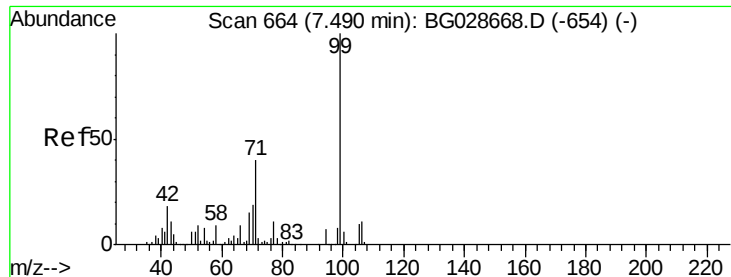
2-Fluorophenol
Concen: 142.33 ng
RT: 5.85 min Scan# 384
Delta R.T. -0.06 min
Lab File: BG028918.D
Acq: 25 Sep 2017 21:53

Tgt Ion:112 Resp: 230539
Ion Ratio Lower Upper
112 100
64 76.6 61.8 92.6
63 39.3 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: 127.47 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028918.D

Acq: 25 Sep 2017 21:53

Instrument :

BNA_G

ClientSampleId :

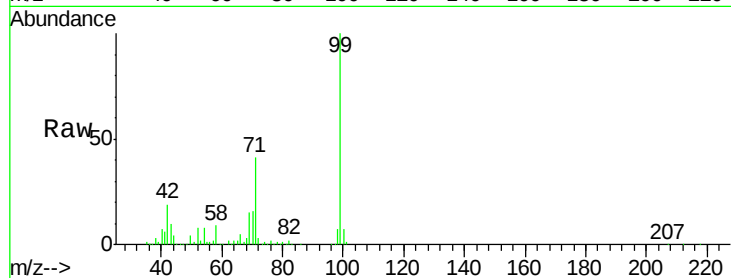
Tot Ion: 99 Resp: 310877

Ion Ratio Lower Upper

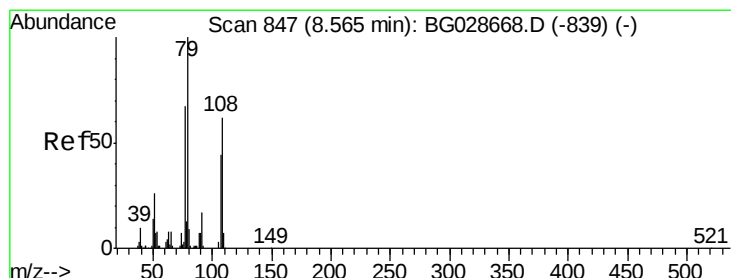
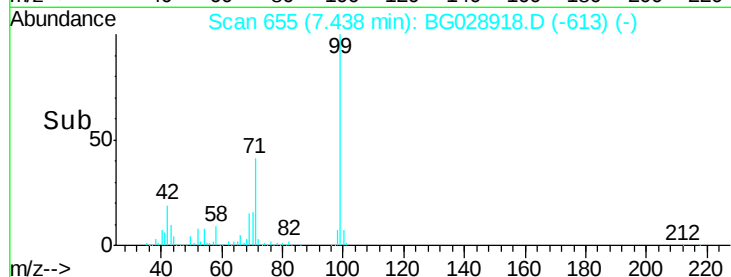
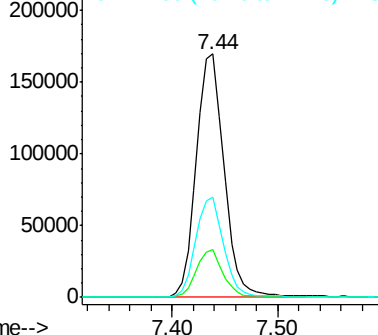
99 100

42 19.4 20.5 30.7#

71 41.0 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: 2.09 ng

RT: 8.61 min Scan# 855

Delta R.T. 0.05 min

Lab File: BG028918.D

Acq: 25 Sep 2017 21:53

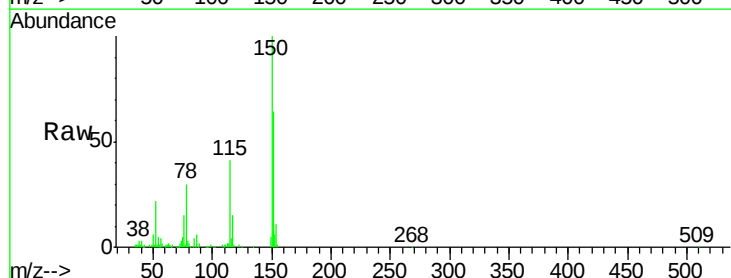
Tgt Ion: 79 Resp: 3986

Ion Ratio Lower Upper

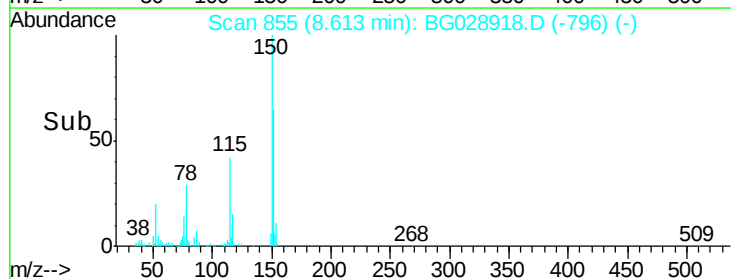
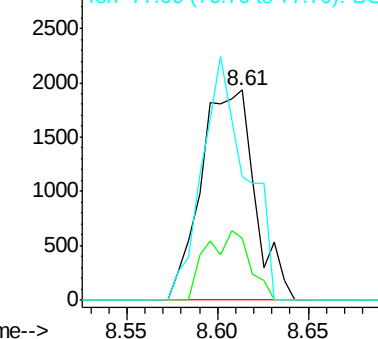
79 100

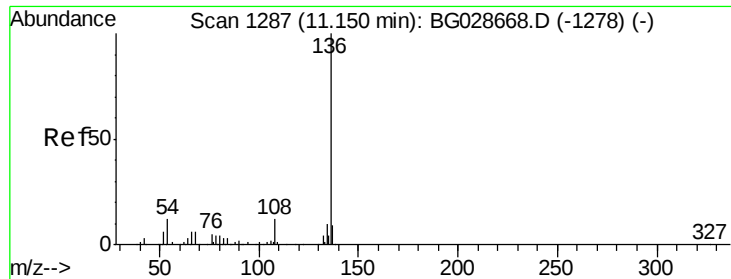
108 29.3 45.5 68.3#

77 58.5 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

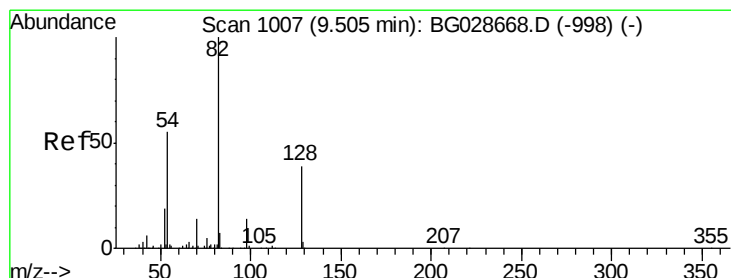
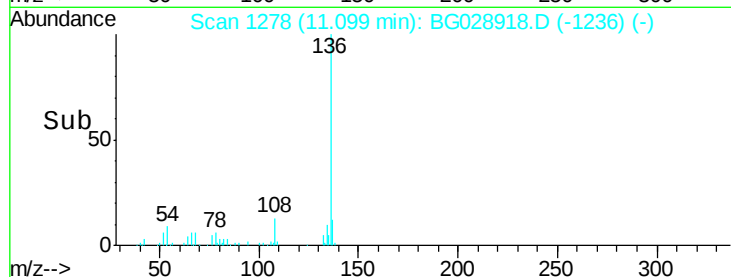
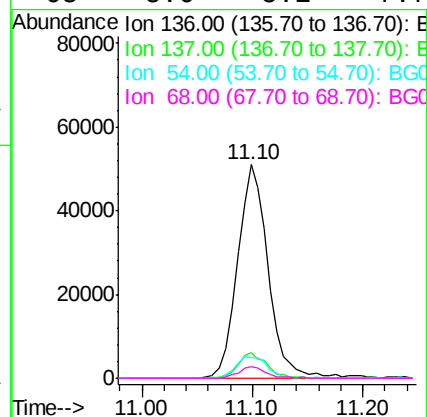
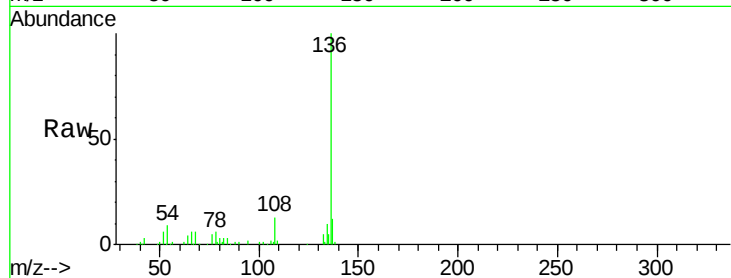




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1278
Delta R.T. -0.05 min
Lab File: BG028918.D
Acq: 25 Sep 2017 21:53

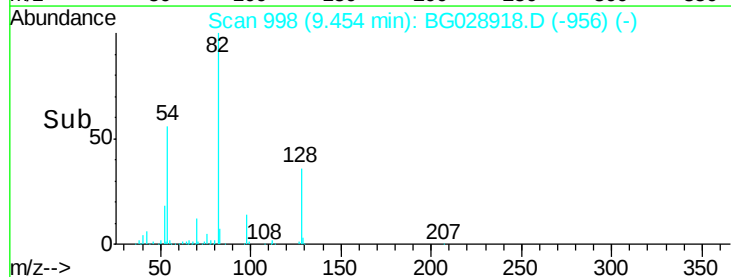
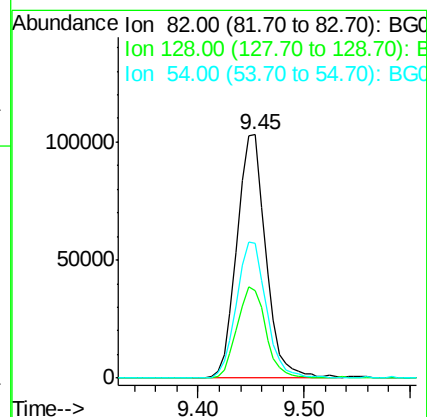
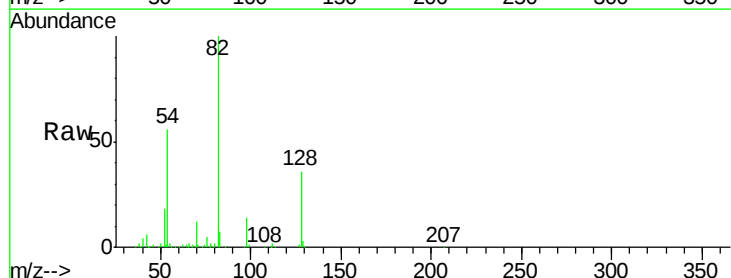
Instrument :
BNA_G
ClientSampleId :

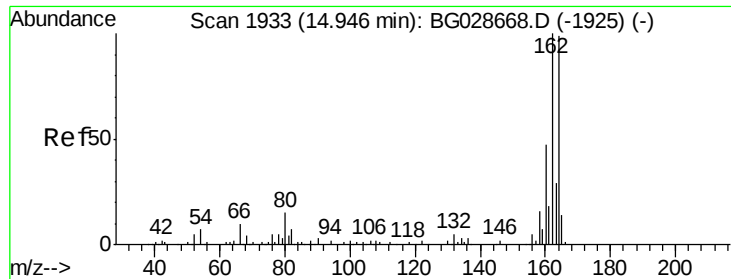
Tot Ion:136	Resp:	98932
Ion Ratio	Lower	Upper
136	100	
137	11.8	8.9 13.3
54	9.5	9.3 13.9
68	5.6	5.1 7.7



#23
Nitrobenzene-d5
Concen: 94.53 ng
RT: 9.45 min Scan# 998
Delta R.T. -0.05 min
Lab File: BG028918.D
Acq: 25 Sep 2017 21:53

Tgt Ion: 82	Resp:	195495
Ion Ratio	Lower	Upper
82	100	
128	35.7	26.4 39.6
54	55.5	49.4 74.2

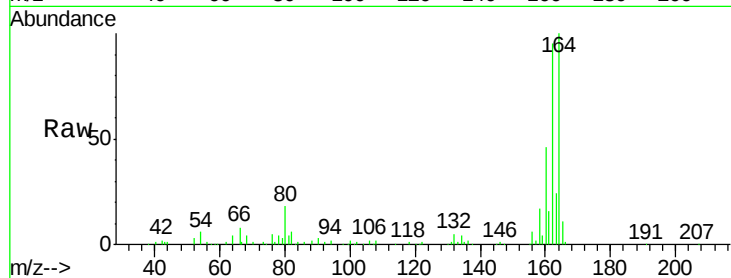




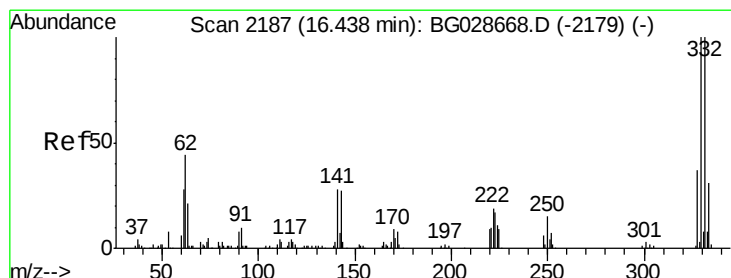
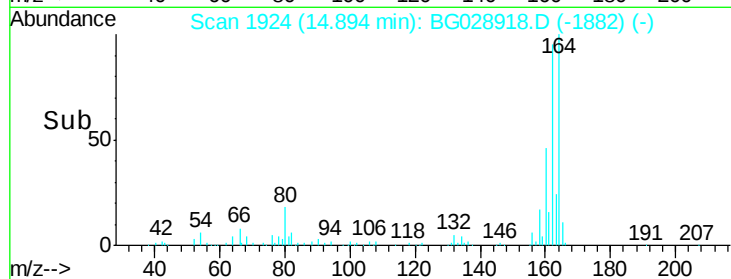
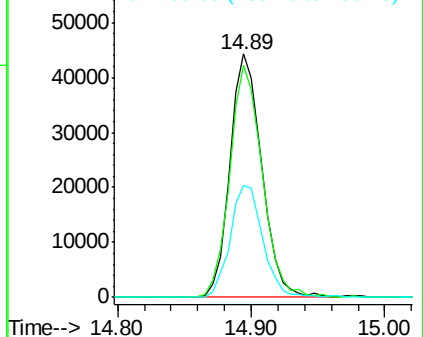
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.89 min Scan# 1924
 Delta R.T. -0.05 min
 Lab File: BG028918.D
 Acq: 25 Sep 2017 21:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 73350
 Ion Ratio Lower Upper
 164 100
 162 95.4 85.1 127.7
 160 45.9 34.7 52.1

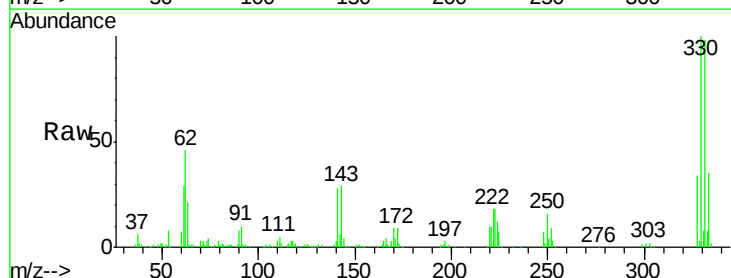


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

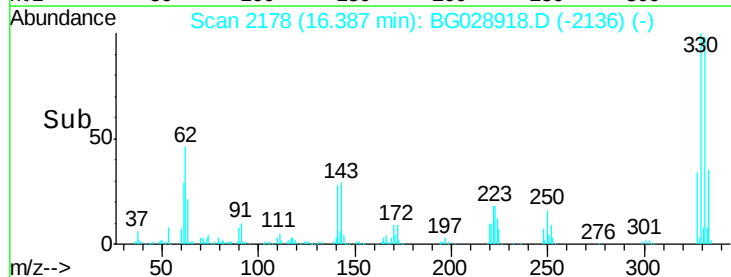
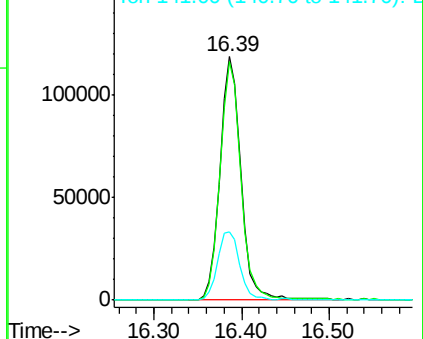


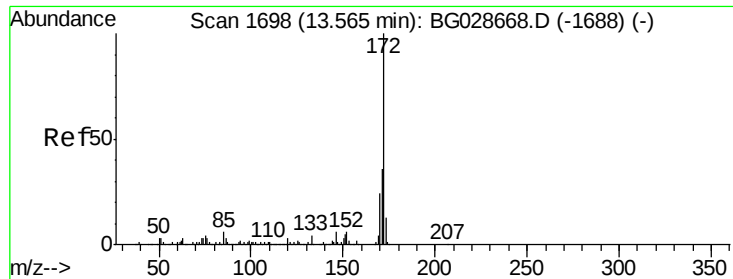
#41
 2,4,6-Tribromophenol
 Concen: 163.24 ng
 RT: 16.39 min Scan# 2178
 Delta R.T. -0.05 min
 Lab File: BG028918.D
 Acq: 25 Sep 2017 21:53

Tgt Ion:330 Resp: 198033
 Ion Ratio Lower Upper
 330 100
 332 97.1 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

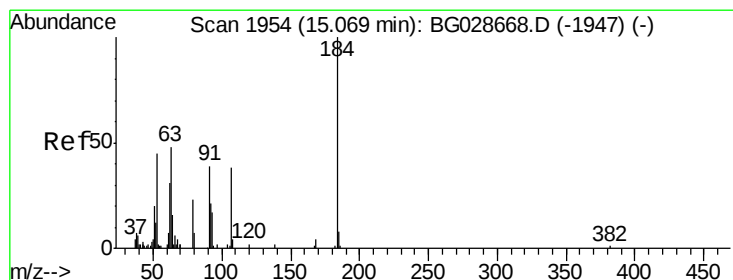
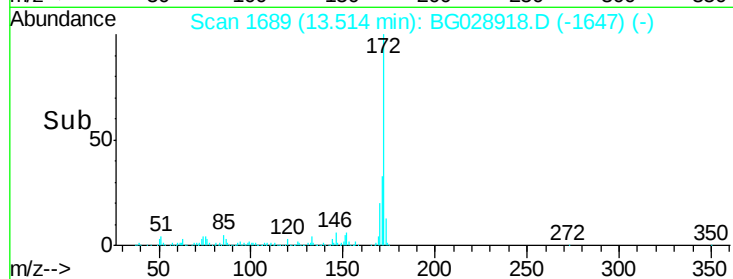
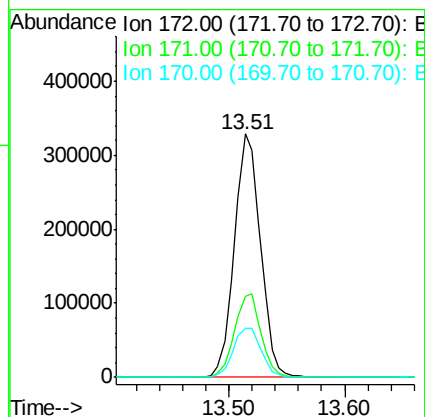
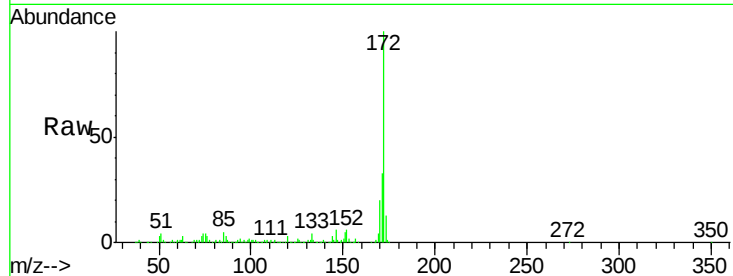




#44
2-Fluorobiphenyl
Concen: 93.54 ng
RT: 13.51 min Scan# 1689
Delta R.T. -0.05 min
Lab File: BG028918.D
Acq: 25 Sep 2017 21:53

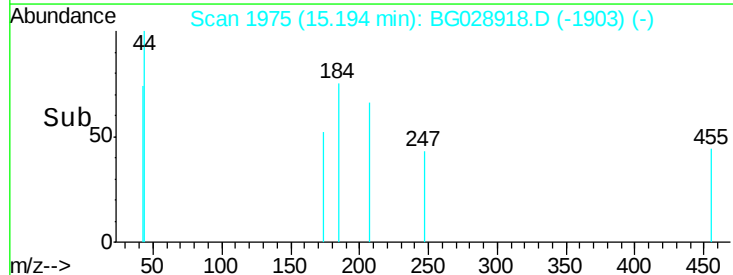
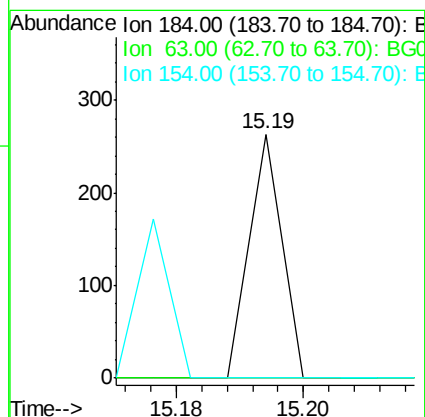
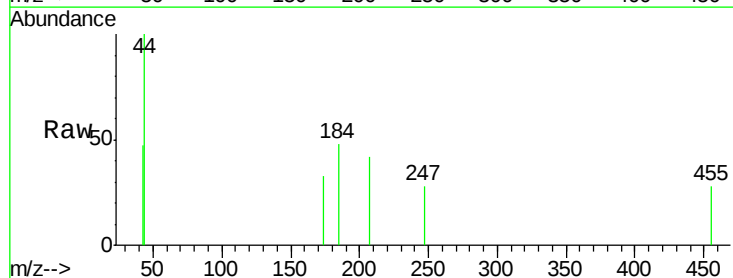
Instrument :
BNA_G
ClientSampleId :

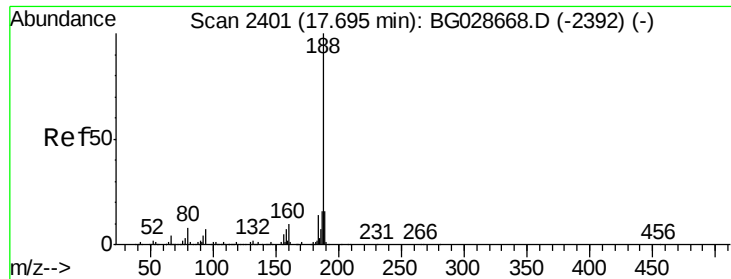
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.3	32.2	48.2
170	20.3	21.8	32.6



#53
2,4-Dinitrophenol
Concen: 8.12 ng
RT: 15.19 min Scan# 1975
Delta R.T. 0.13 min
Lab File: BG028918.D
Acq: 25 Sep 2017 21:53

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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.64 min Scan# 2392

Delta R.T. -0.05 min

Lab File: BG028918.D

Acq: 25 Sep 2017 21:53

Instrument :

BNA_G

ClientSampleId :

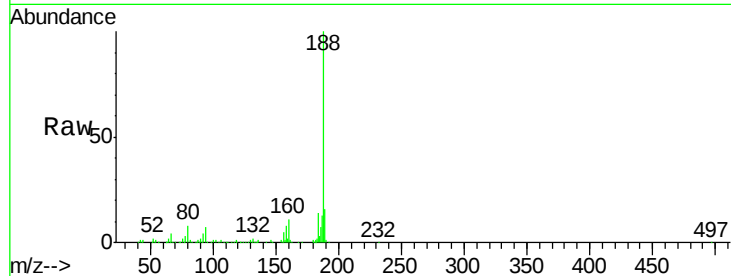
Tot Ion:188 Resp: 226534

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.8

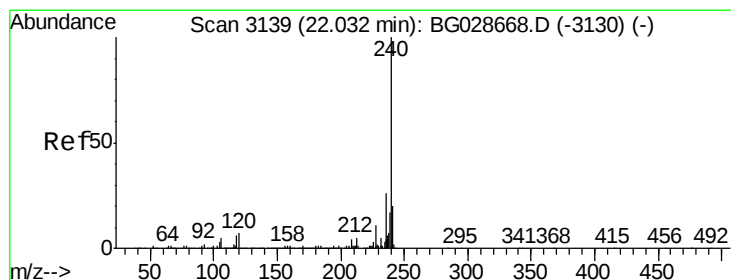
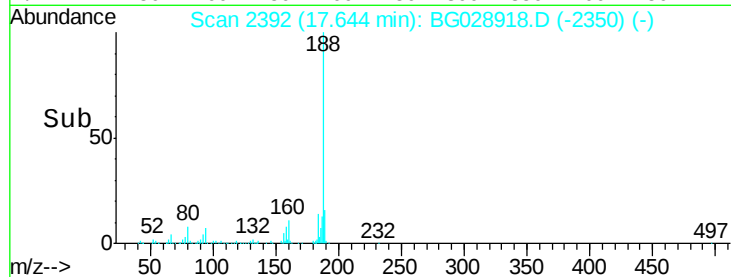
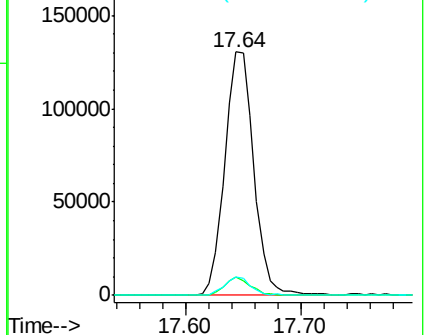
80 7.6 7.5 11.3



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: 20.00 ng

RT: 21.97 min Scan# 3128

Delta R.T. -0.06 min

Lab File: BG028918.D

Acq: 25 Sep 2017 21:53

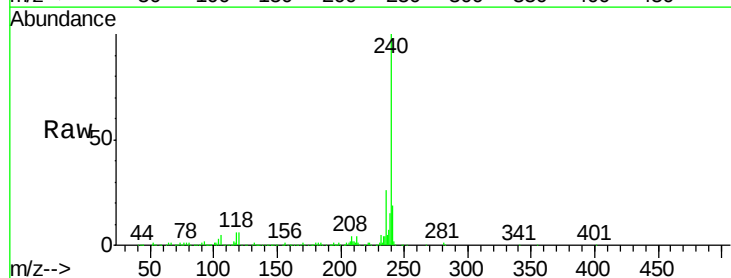
Tgt Ion:240 Resp: 277895

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

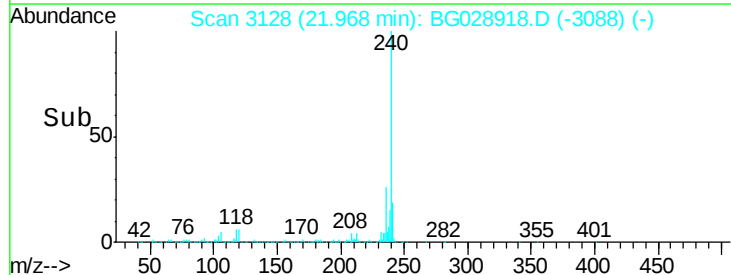
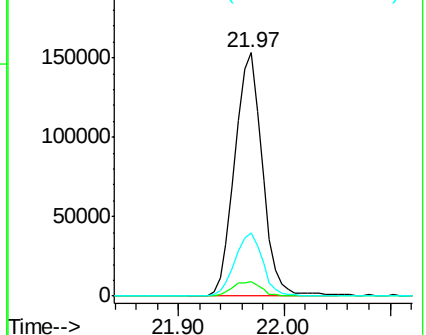
236 26.1 22.2 33.4

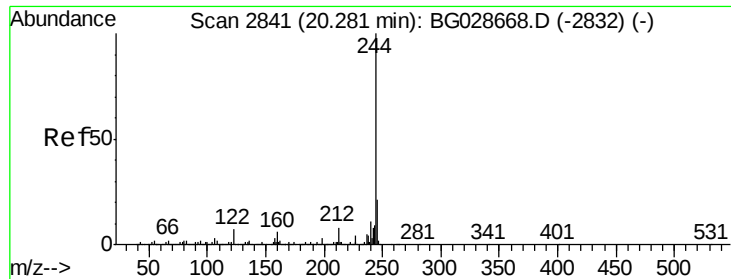


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.56 ng

RT: 20.24 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028918.D

Acq: 25 Sep 2017 21:53

Instrument :

BNA_G

ClientSampleId :

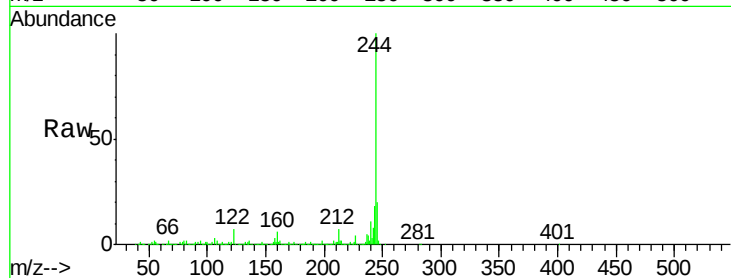
Tot Ion:244 Resp: 1271347

Ion Ratio Lower Upper

244 100

212 7.3 10.0 15.0#

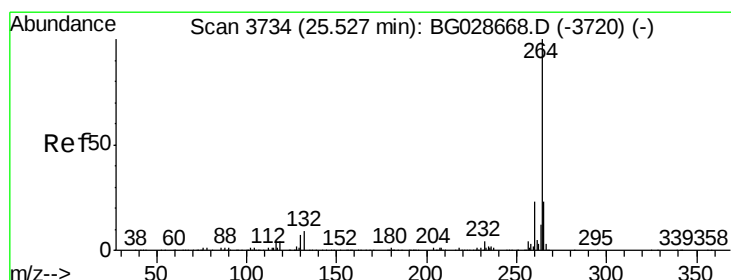
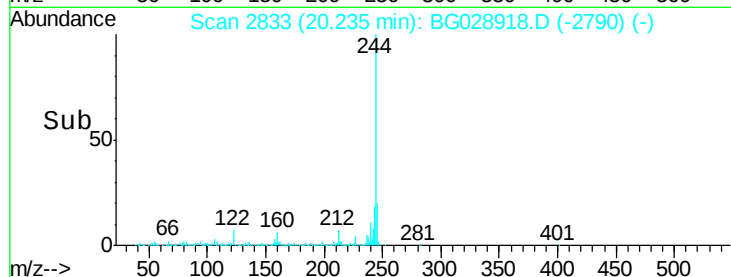
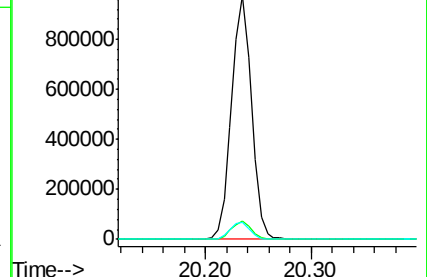
122 6.8 8.6 12.8#



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: 20.00 ng

RT: 25.41 min Scan# 3714

Delta R.T. -0.12 min

Lab File: BG028918.D

Acq: 25 Sep 2017 21:53

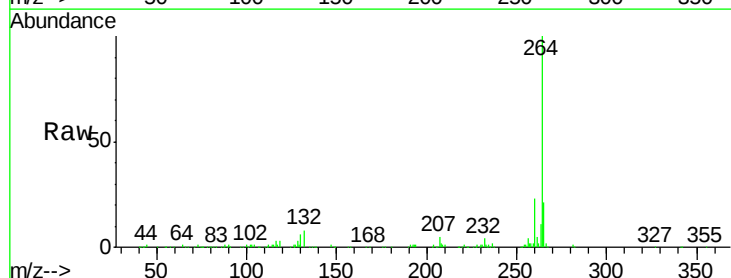
Tgt Ion:264 Resp: 290755

Ion Ratio Lower Upper

264 100

260 23.5 21.8 32.8

265 21.0 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

