

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092317\
 Data File : BG028898.D
 Acq On : 23 Sep 2017 14:58
 Operator : SJ/JU
 Sample : I5297-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 25 00:58:47 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

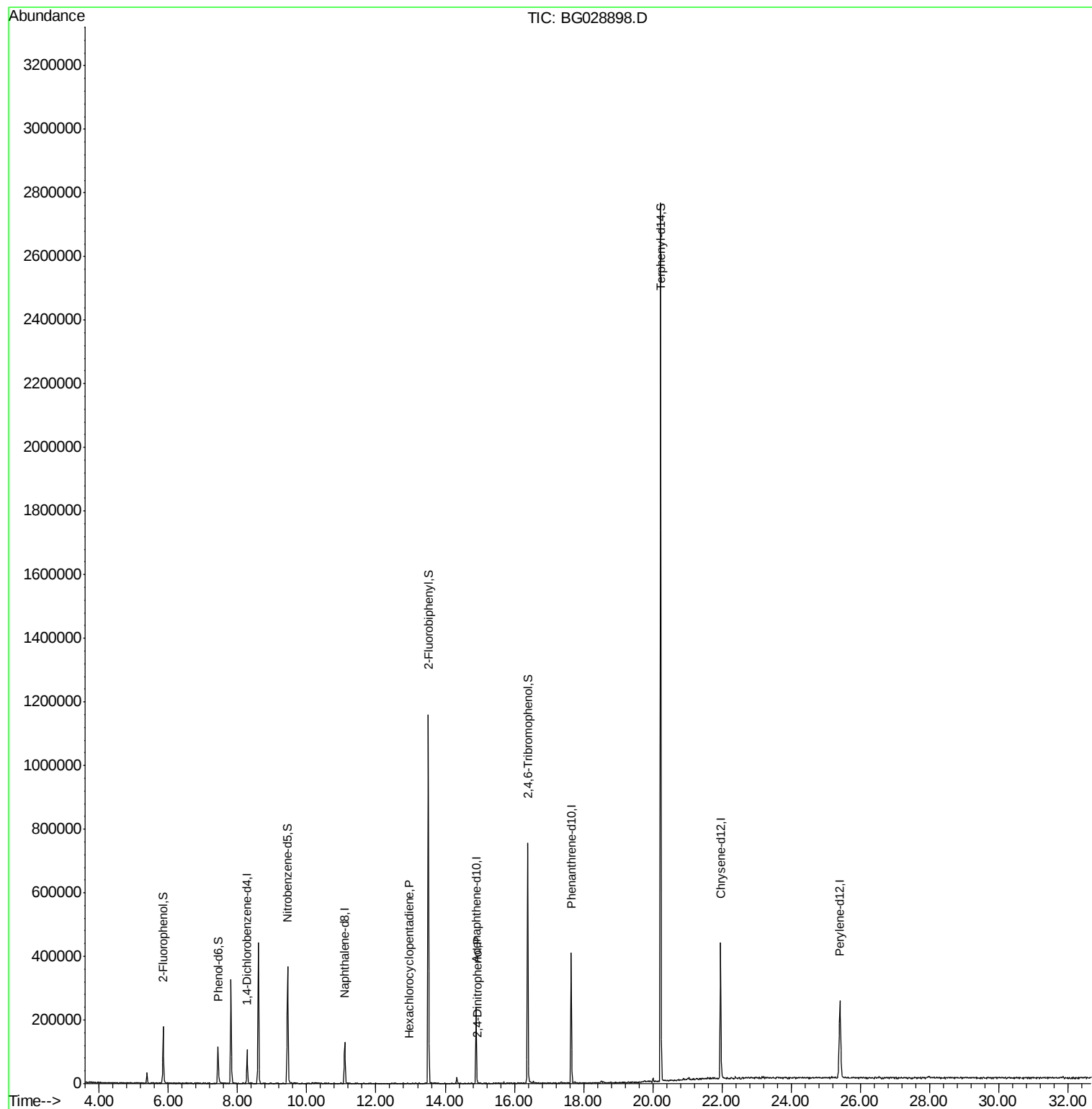
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	29860	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	113925	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	86377	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	251891	20.00	ng	-0.05
75) Chrysene-d12	21.96	240	294856	20.00	ng	-0.07
86) Perylene-d12	25.41	264	304853	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	79929	44.17	ng	-0.05
7) Phenol-d6	7.44	99	72853	26.74	ng	-0.05
23) Nitrobenzene-d5	9.45	82	242641	101.89	ng	-0.06
41) 2,4,6-Tribromophenol	16.38	330	162126	113.48	ng	-0.05
44) 2-Fluorobiphenyl	13.52	172	654749	101.08	ng	-0.05
78) Terphenyl-d14	20.23	244	1295373	93.69	ng	-0.05
Target Compounds						
40) Hexachlorocyclopentadiene	12.96	237	79	7.65	ng	# 29
53) 2,4-Dinitrophenol	14.93	184	69	8.07	ng	# 15

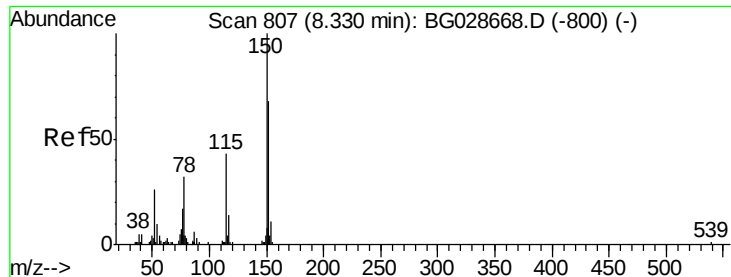
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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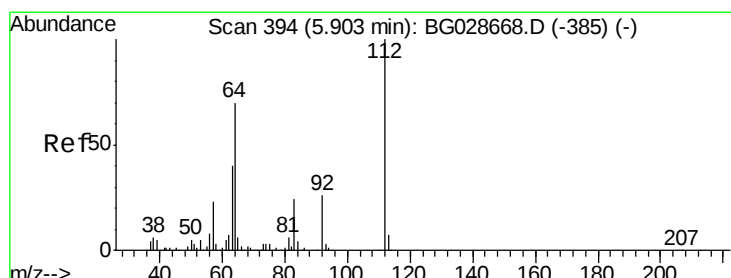
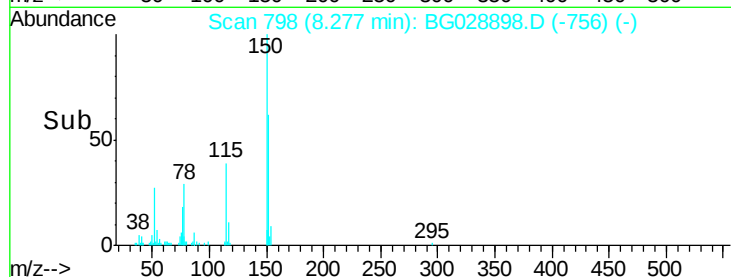
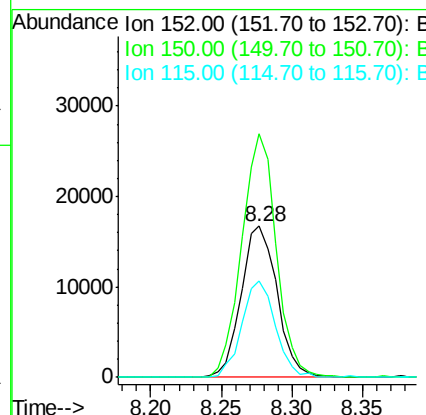
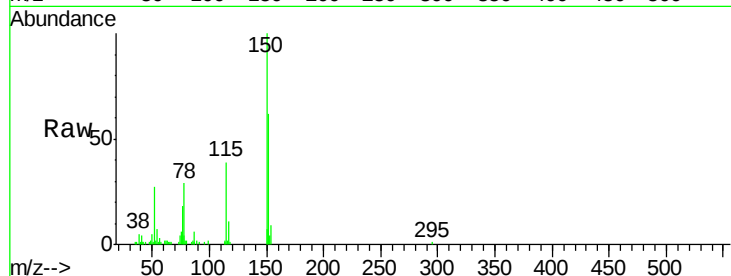


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.05 min
Lab File: BG028898.D
Acq: 23 Sep 2017 14:58

Instrument :
BNA_G
ClientSampleId :

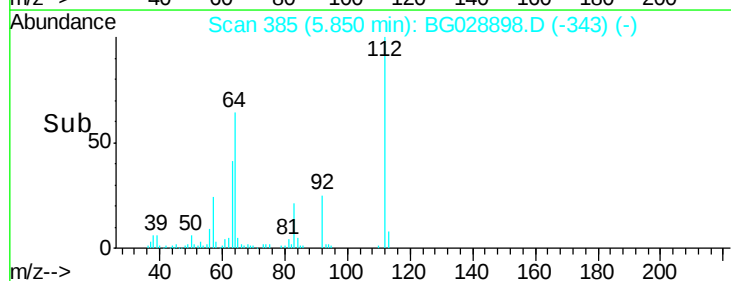
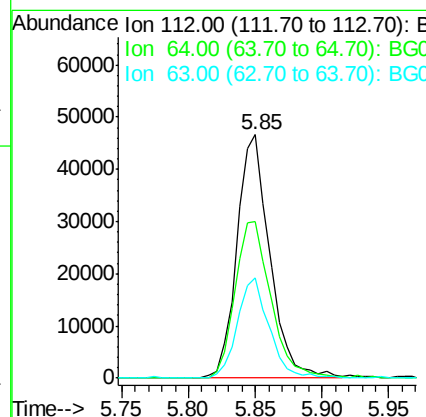
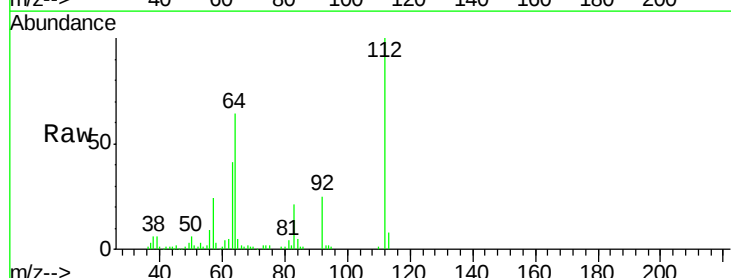
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.4	114.0	171.0
115	63.7	48.1	72.1

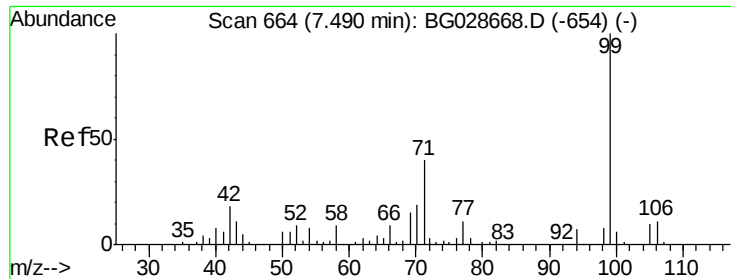


#5

2-Fluorophenol
Concen: 44.17 ng
RT: 5.85 min Scan# 385
Delta R.T. -0.05 min
Lab File: BG028898.D
Acq: 23 Sep 2017 14:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	61.8	92.6
63	41.0	37.2	55.8





#7

Phenol-d6

Concen: 26.74 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028898.D

Acq: 23 Sep 2017 14:58

Instrument :

BNA_G

ClientSampled :

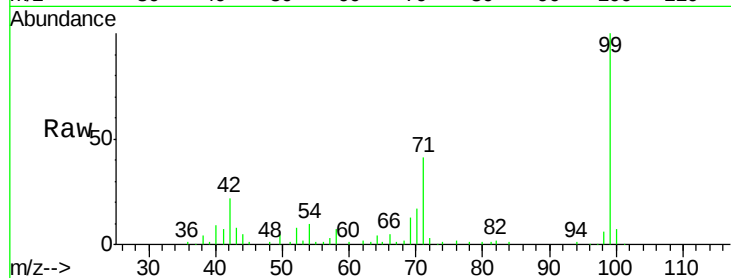
Tot Ion: 99 Resp: 72853

Ion Ratio Lower Upper

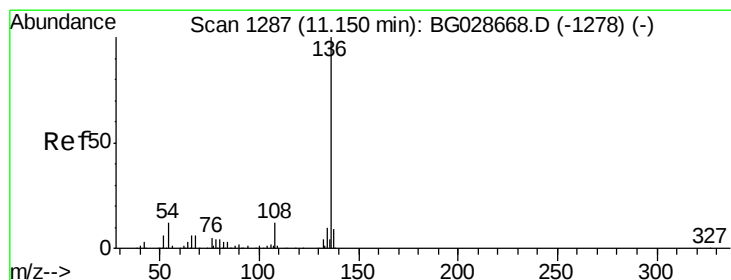
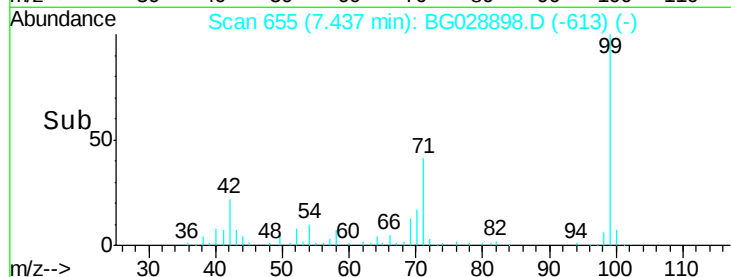
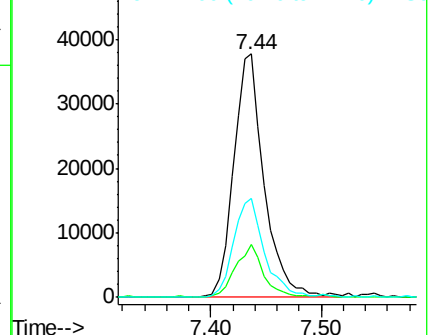
99 100

42 21.6 20.5 30.7

71 40.8 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: 20.00 ng

RT: 11.10 min Scan# 1278

Delta R.T. -0.05 min

Lab File: BG028898.D

Acq: 23 Sep 2017 14:58

Tgt Ion: 136 Resp: 113925

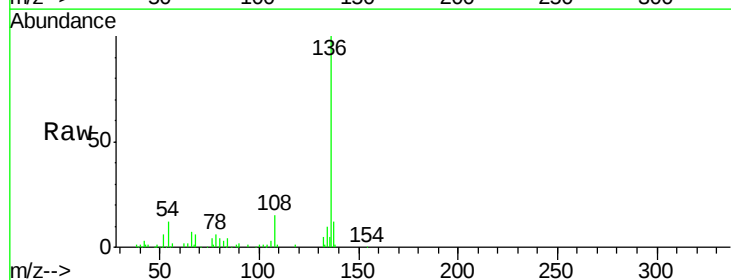
Ion Ratio Lower Upper

136 100

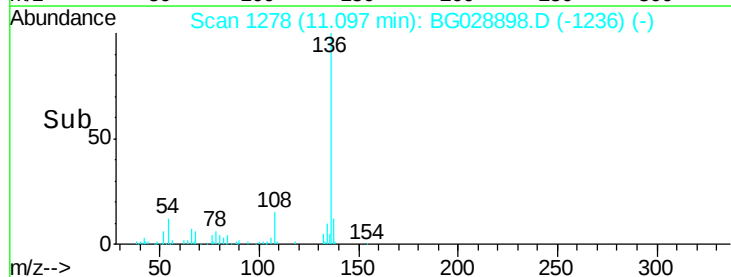
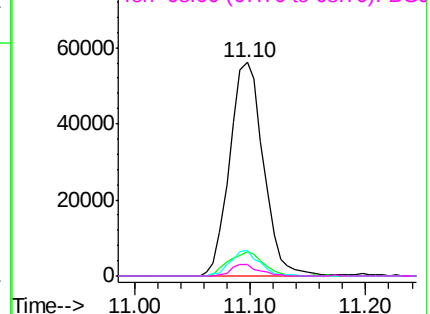
137 11.7 8.9 13.3

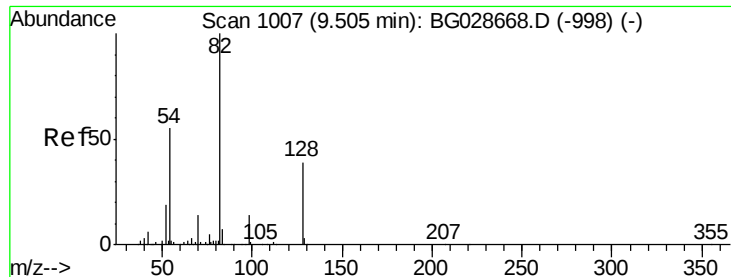
54 12.1 9.3 13.9

68 5.7 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

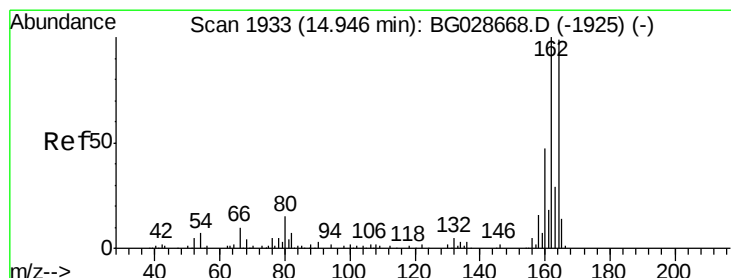
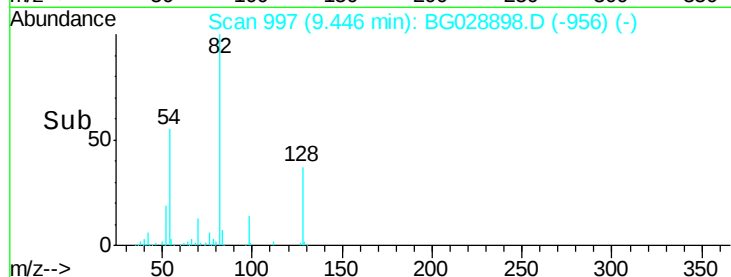
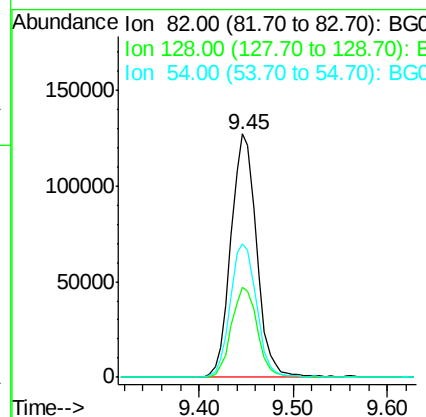
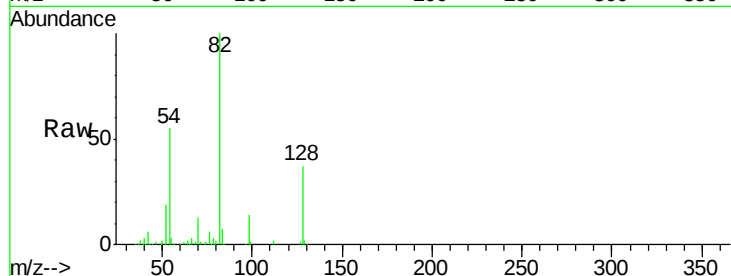




#23
 Nitrobenzene-d5
 Concen: 101.89 ng
 RT: 9.45 min Scan# 997
 Delta R.T. -0.06 min
 Lab File: BG028898.D
 Acq: 23 Sep 2017 14:58

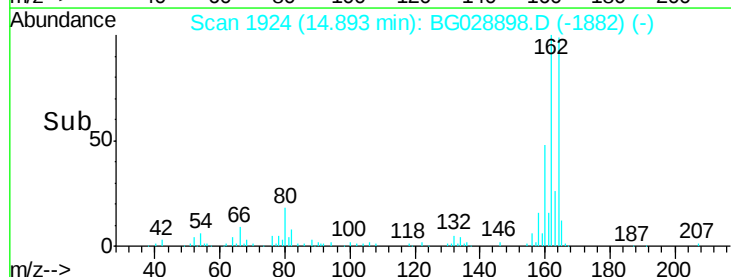
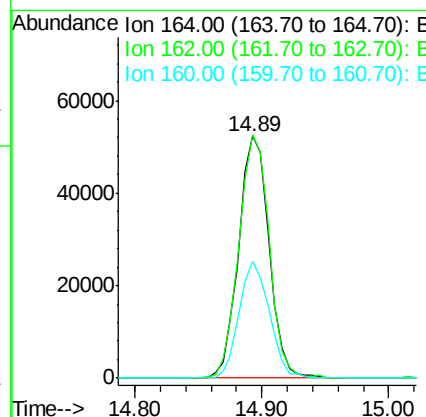
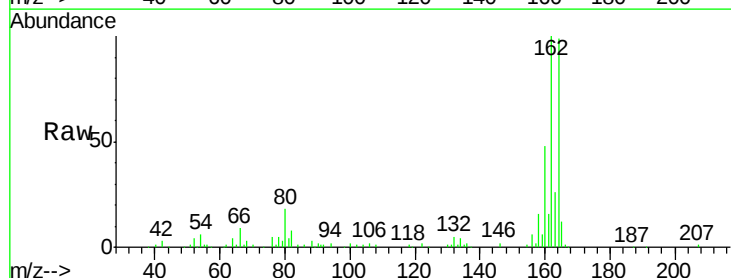
Instrument :
 BNA_G
 ClientSampleId :

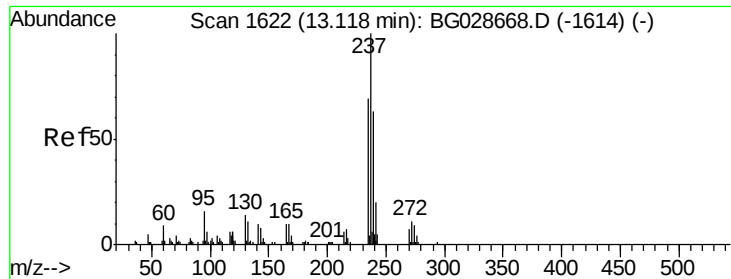
Tot Ion	82	Resp	242641
Ion	Ratio	Lower	Upper
82	100		
128	37.0	26.4	39.6
54	55.1	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.89 min Scan# 1924
 Delta R.T. -0.05 min
 Lab File: BG028898.D
 Acq: 23 Sep 2017 14:58

Tgt Ion	164	Resp	86377
Ion	Ratio	Lower	Upper
164	100		
162	100.5	85.1	127.7
160	48.5	34.7	52.1





#40

Hexachlorocyclopentadiene

Concen: 7.65 ng

RT: 12.96 min Scan# 1595

Delta R.T. -0.16 min

Lab File: BG028898.D

Acq: 23 Sep 2017 14:58

Instrument :

BNA_G

ClientSampleId :

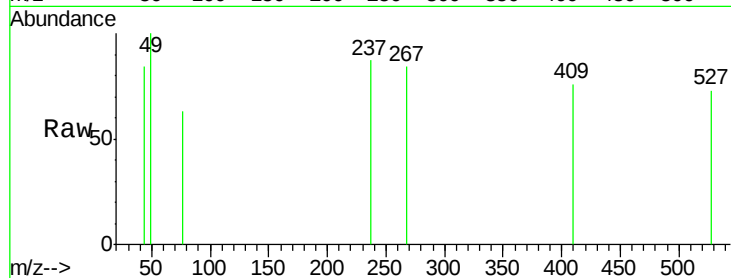
Tot Ion:237 Resp: 79

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

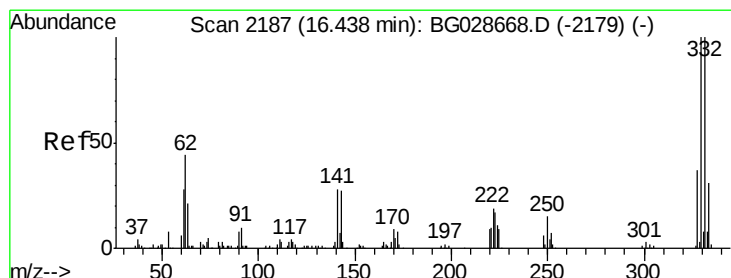
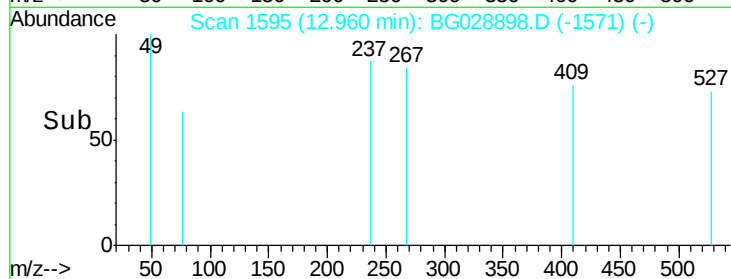
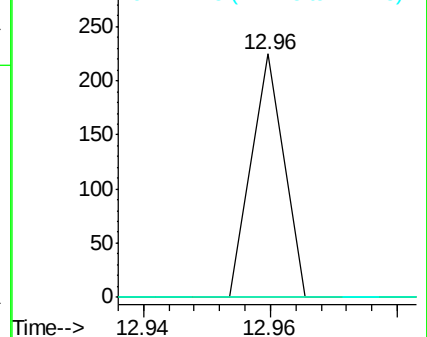
272 0.0 0.0 32.0



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: 113.48 ng

RT: 16.38 min Scan# 2178

Delta R.T. -0.05 min

Lab File: BG028898.D

Acq: 23 Sep 2017 14:58

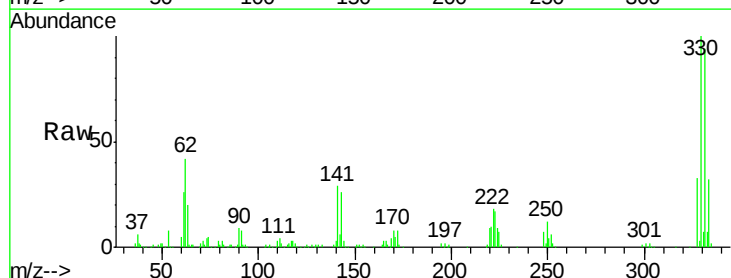
Tgt Ion:330 Resp: 162126

Ion Ratio Lower Upper

330 100

332 97.3 77.3 115.9

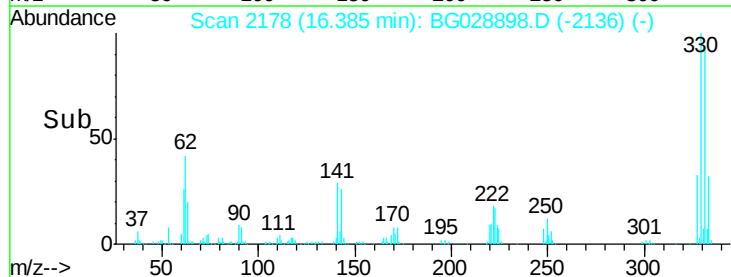
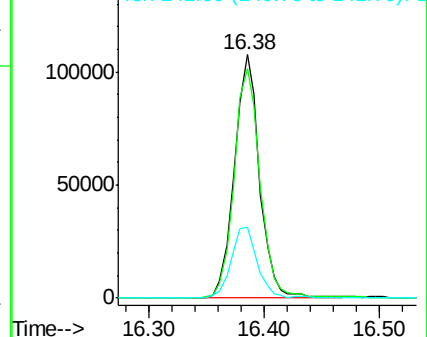
141 30.3 32.1 48.1#

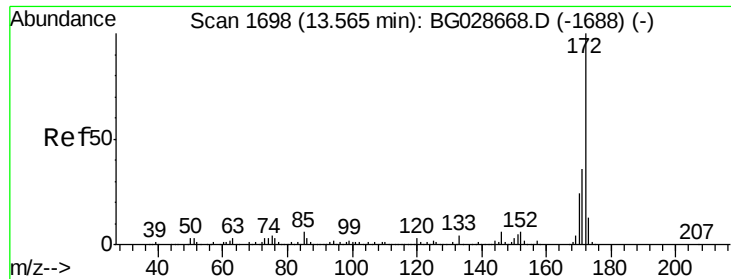


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

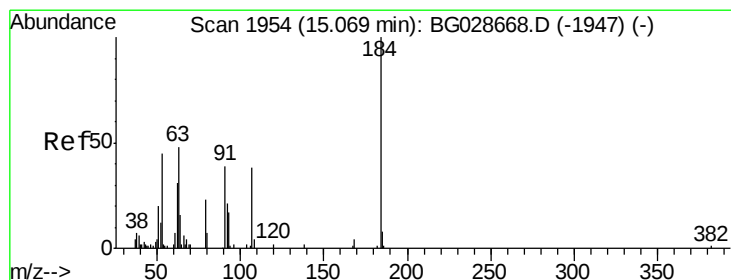
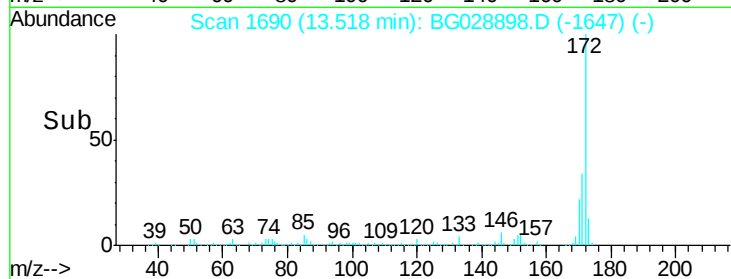
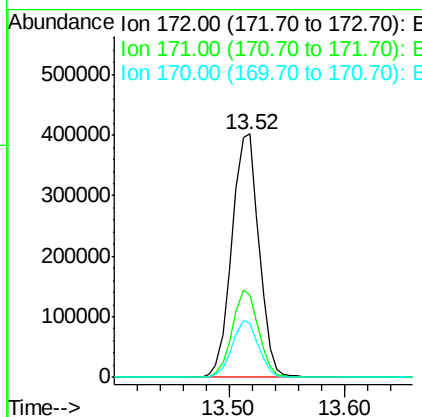
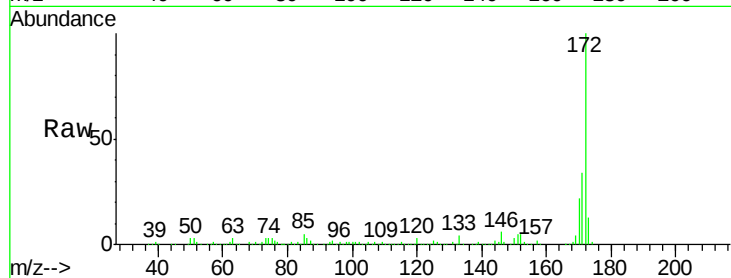




#44
 2-Fluorobiphenyl
 Concen: 101.08 ng
 RT: 13.52 min Scan# 1690
 Delta R.T. -0.05 min
 Lab File: BG028898.D
 Acq: 23 Sep 2017 14:58

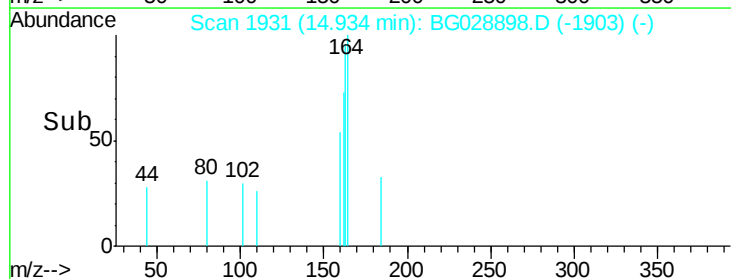
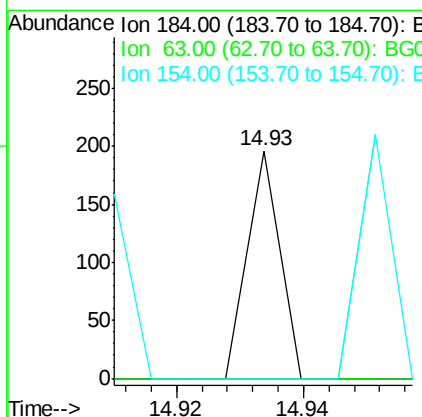
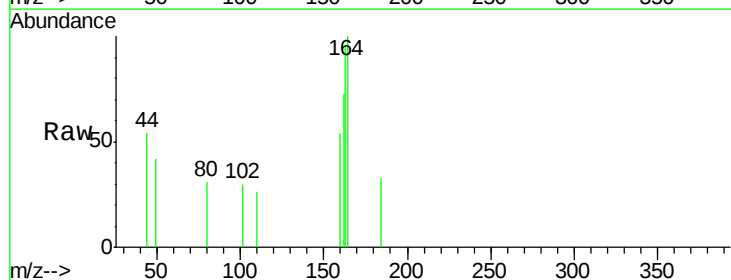
Instrument :
 BNA_G
 ClientSampleId :

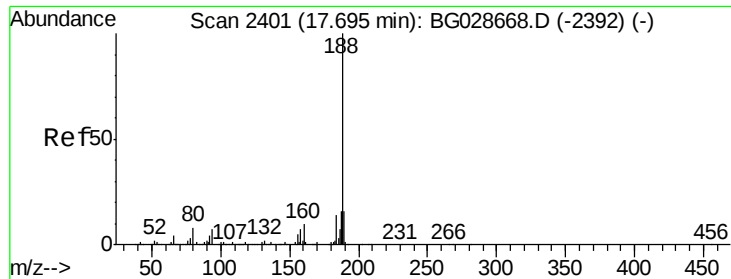
Tot Ion:172 Resp: 654749
 Ion Ratio Lower Upper
 172 100
 171 34.1 32.2 48.2
 170 22.4 21.8 32.6



#53
 2,4-Dinitrophenol
 Concen: 8.07 ng
 RT: 14.93 min Scan# 1931
 Delta R.T. -0.14 min
 Lab File: BG028898.D
 Acq: 23 Sep 2017 14:58

Tgt Ion:184 Resp: 69
 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: BG028898.D

Acq: 23 Sep 2017 14:58

Instrument :

BNA_G

ClientSampleId :

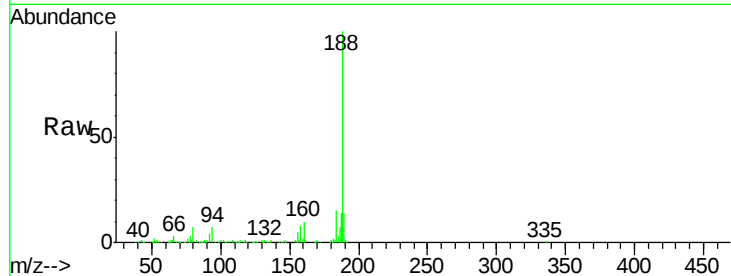
Tot Ion:188 Resp: 251891

Ion Ratio Lower Upper

188 100

94 7.0 5.8 8.8

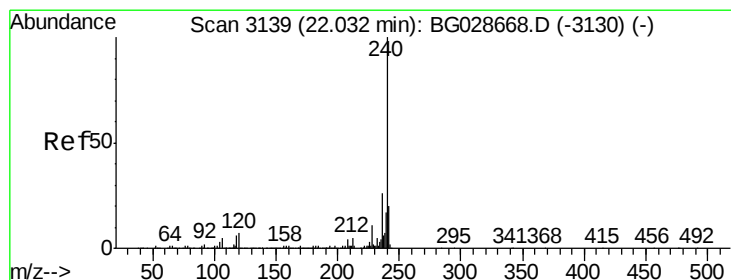
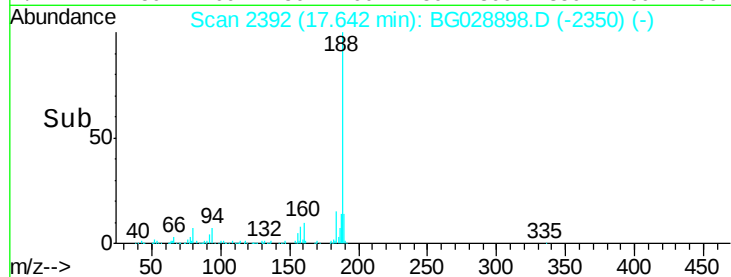
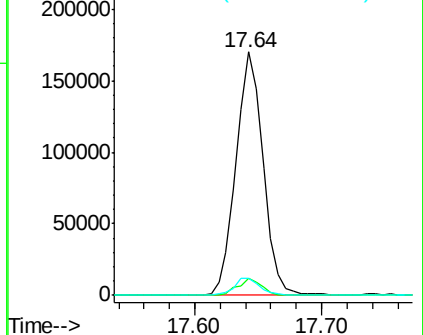
80 7.2 7.5 11.3#



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: 21.96 min Scan# 3127

Delta R.T. -0.07 min

Lab File: BG028898.D

Acq: 23 Sep 2017 14:58

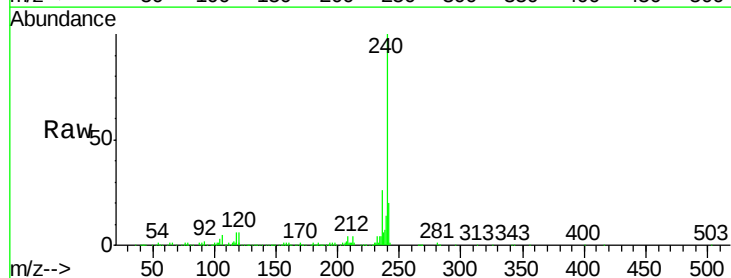
Tgt Ion:240 Resp: 294856

Ion Ratio Lower Upper

240 100

120 5.6 5.7 8.5#

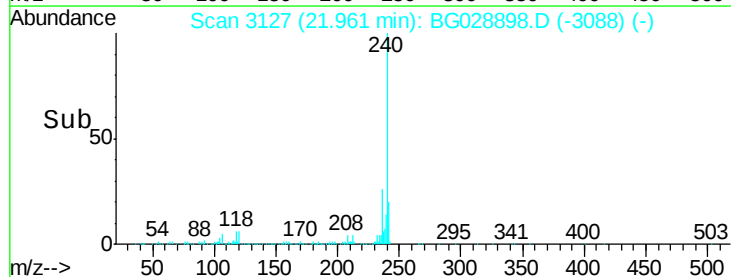
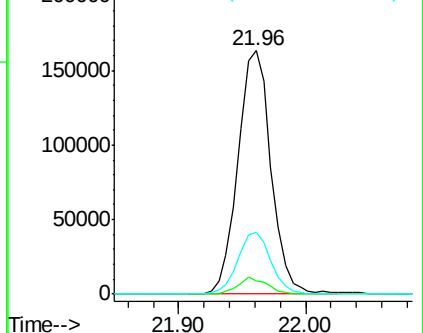
236 25.6 22.2 33.4

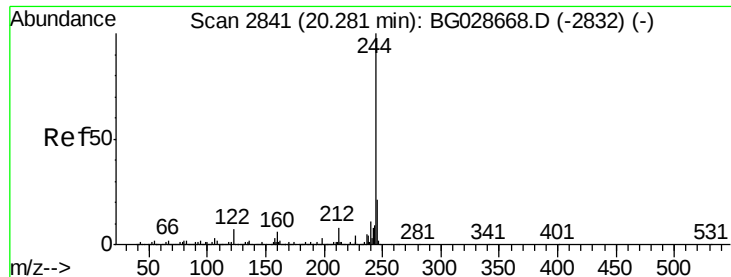


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.69 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028898.D

Acq: 23 Sep 2017 14:58

Instrument :

BNA_G

ClientSampleId :

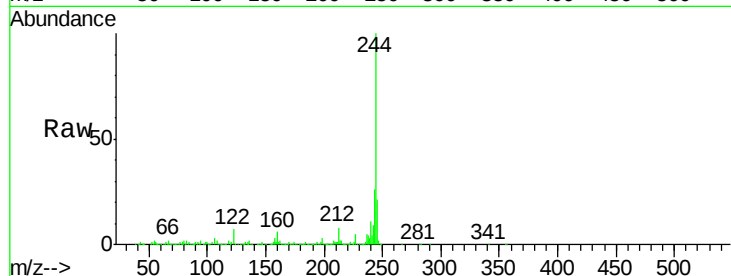
Tot Ion:244 Resp: 1295373

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

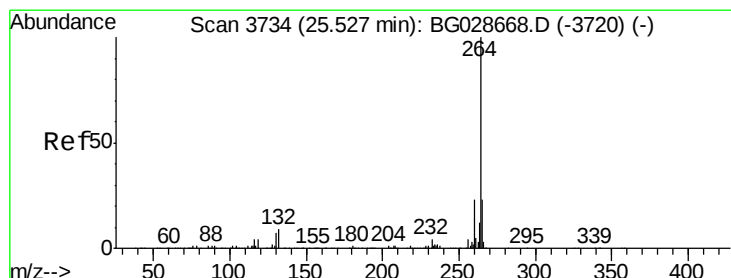
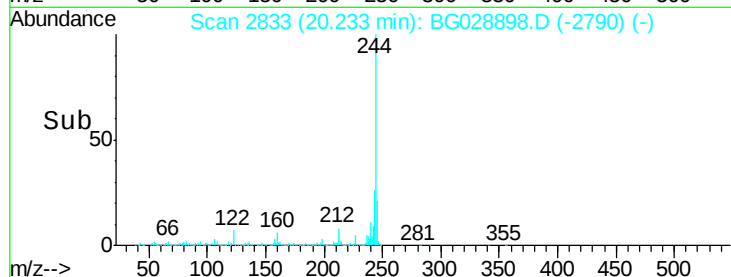
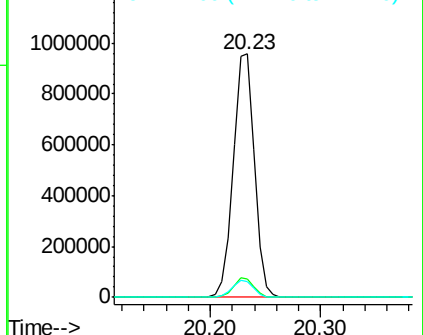
122 6.5 8.6 12.8#



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: BG028898.D

Acq: 23 Sep 2017 14:58

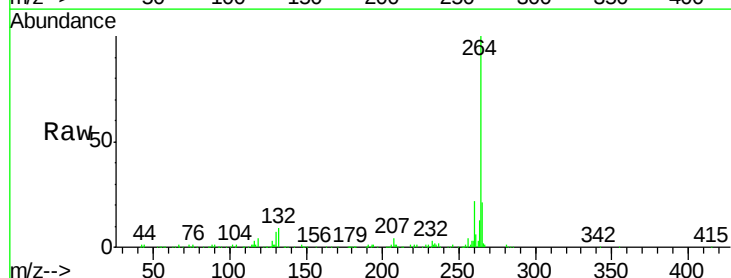
Tgt Ion:264 Resp: 304853

Ion Ratio Lower Upper

264 100

260 22.3 21.8 32.8

265 20.6 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

