

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071017\
 Data File : BG027891.D
 Acq On : 10 Jul 2017 17:30
 Operator : SJ/JU
 Sample : PB100512BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 11 06:58:52 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 17:43:21 2017
 Response via : Initial Calibration

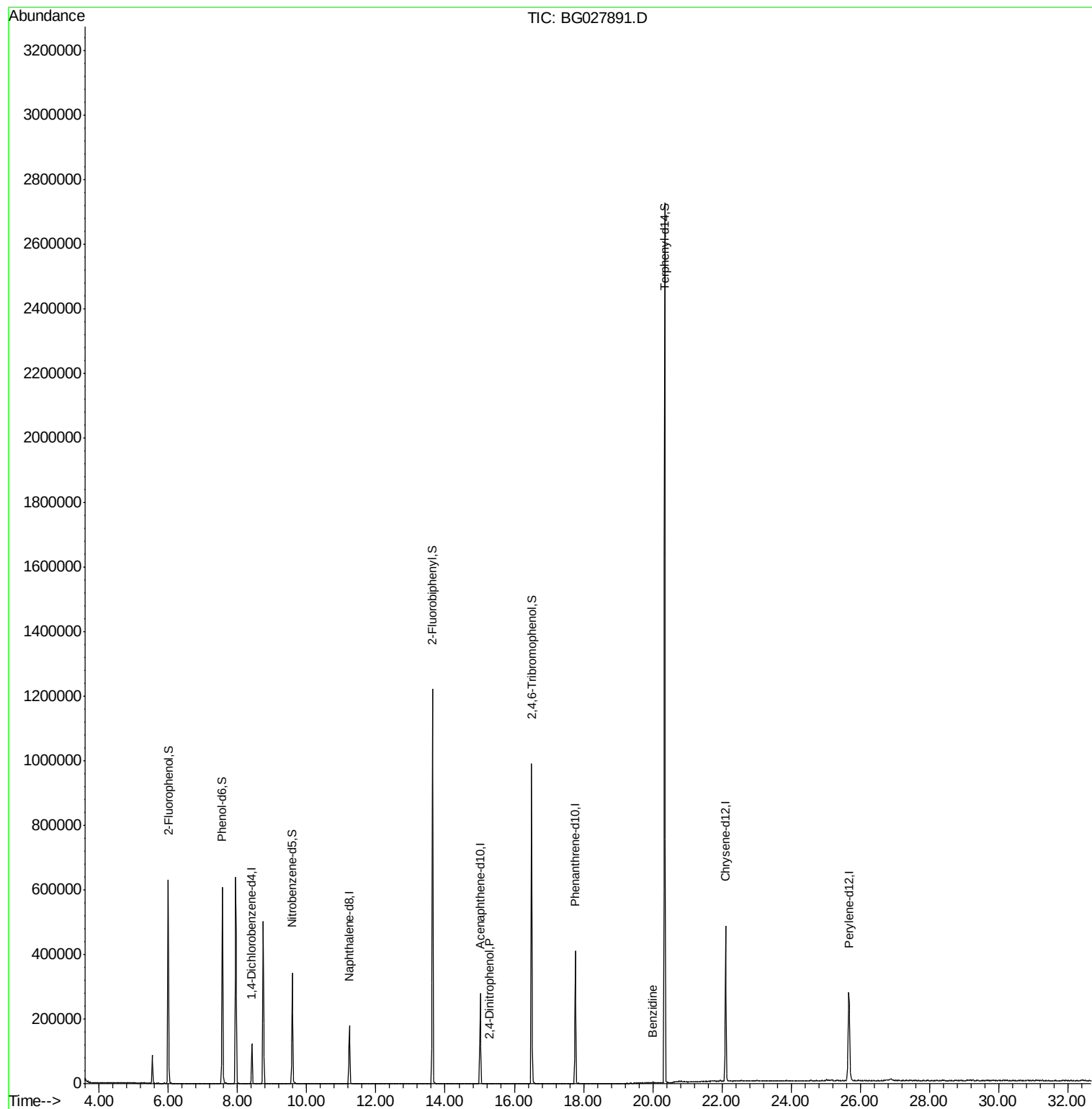
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	40791	20.00	ng	0.00
21) Naphthalene-d8	11.23	136	183284	20.00	ng	-0.01
38) Acenaphthene-d10	15.02	164	103348	20.00	ng	0.00
63) Phenanthrene-d10	17.76	188	262936	20.00	ng	-0.01
75) Chrysene-d12	22.11	240	313624	20.00	ng	-0.02
86) Perylene-d12	25.67	264	307815	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.99	112	363565	137.25	ng	-0.01
7) Phenol-d6	7.56	99	483863	119.57	ng	-0.01
23) Nitrobenzene-d5	9.58	82	248307	75.52	ng	-0.01
41) 2,4,6-Tribromophenol	16.50	330	234660	165.54	ng	-0.02
44) 2-Fluorobiphenyl	13.64	172	680453	94.03	ng	-0.01
78) Terphenyl-d14	20.35	244	1291463	96.54	ng	0.00
Target Compounds						
53) 2,4-Dinitrophenol	15.28	184	54	8.62	ng	Qvalue # 15
76) Benzidine	19.99	184	3330	3.63	ng	97

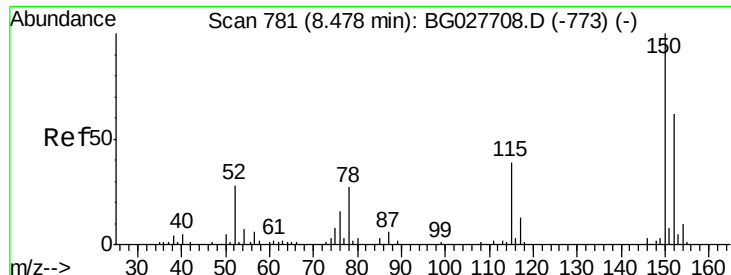
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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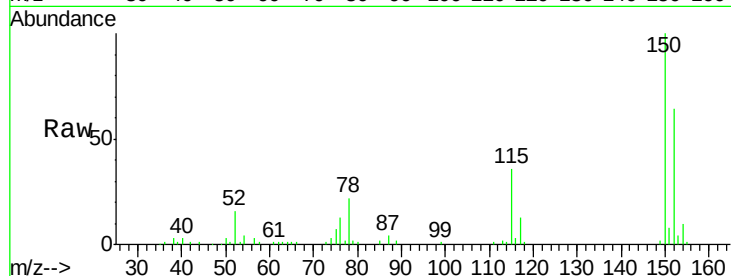


#1

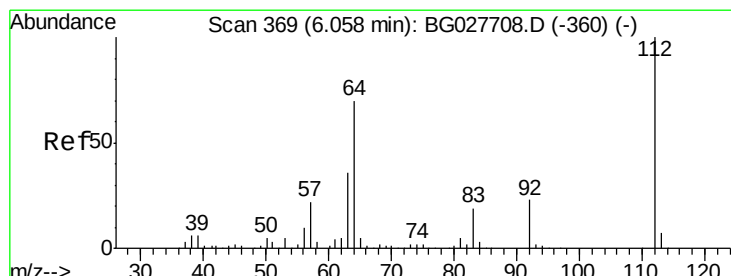
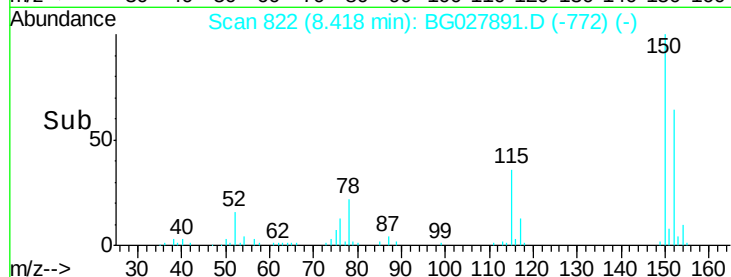
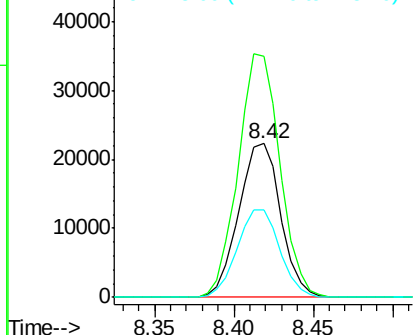
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.42 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG027891.D
Acq: 10 Jul 2017 17:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 40791
Ion Ratio Lower Upper
152 100
150 157.1 114.0 171.0
115 57.0 48.1 72.1



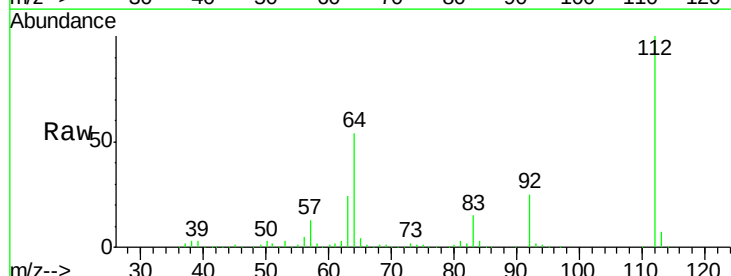
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



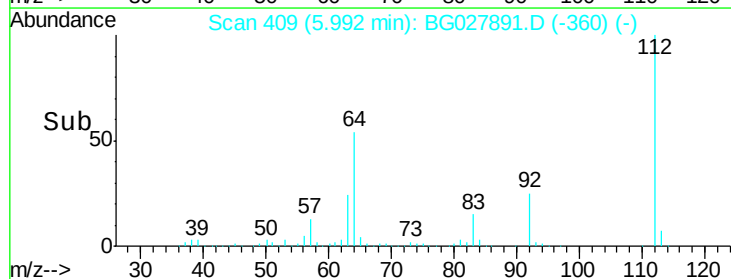
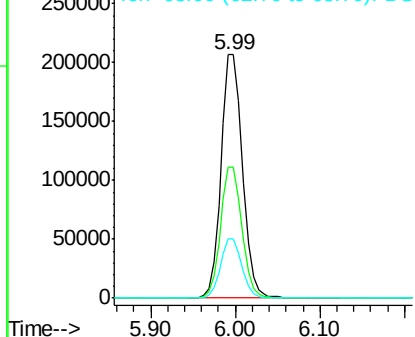
#5

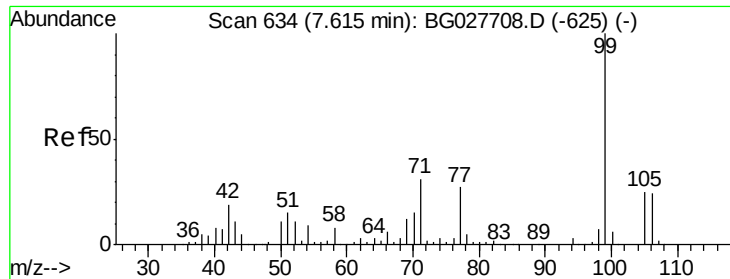
2-Fluorophenol
Concen: 137.25 ng
RT: 5.99 min Scan# 409
Delta R.T. -0.01 min
Lab File: BG027891.D
Acq: 10 Jul 2017 17:30

Tgt Ion:112 Resp: 363565
Ion Ratio Lower Upper
112 100
64 53.9 61.8 92.6#
63 24.2 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 119.57 ng

RT: 7.56 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG027891.D

Acq: 10 Jul 2017 17:30

Instrument :

BNA_G

ClientSampleId :

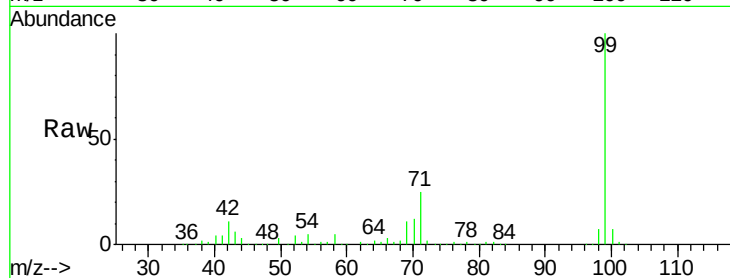
Tot Ion: 99 Resp: 483863

Ion Ratio Lower Upper

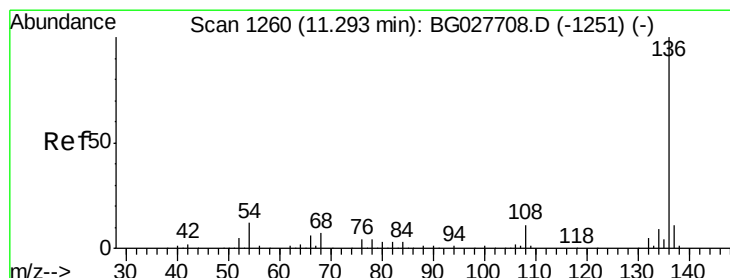
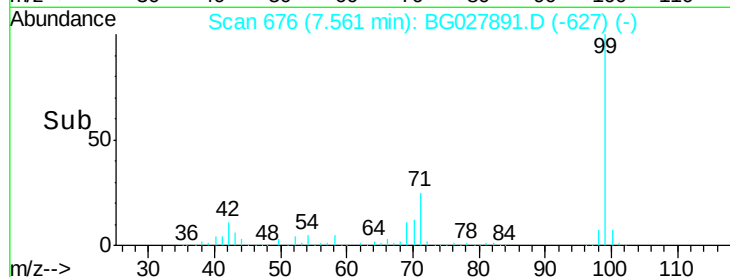
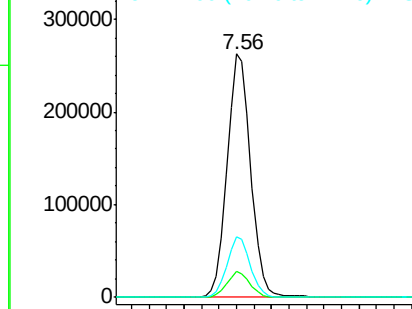
99 100

42 10.7 20.5 30.7#

71 24.8 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: 11.23 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BG027891.D

Acq: 10 Jul 2017 17:30

Tgt Ion: 136 Resp: 183284

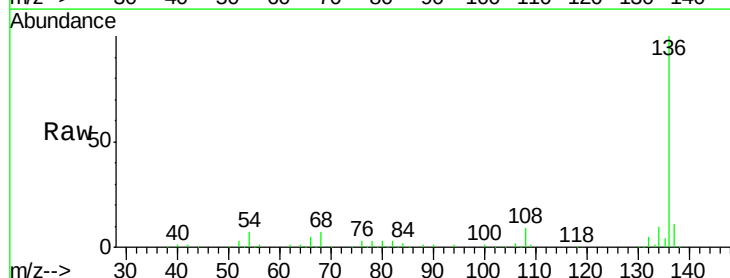
Ion Ratio Lower Upper

136 100

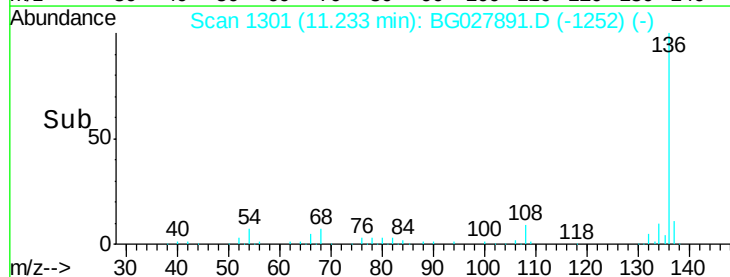
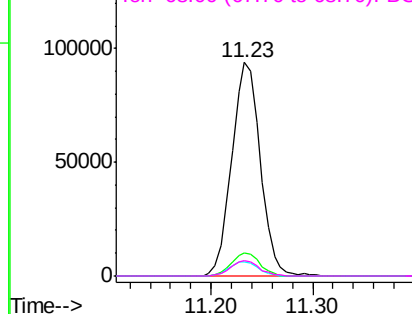
137 10.8 8.9 13.3

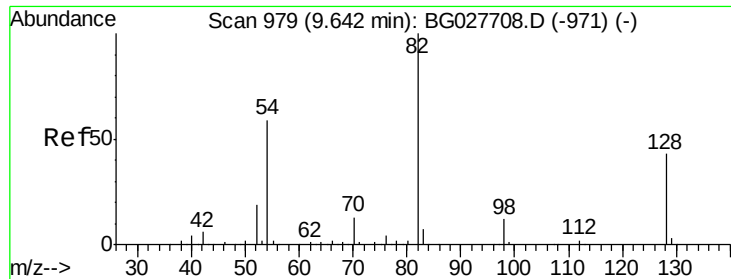
54 6.7 9.3 13.9#

68 7.2 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

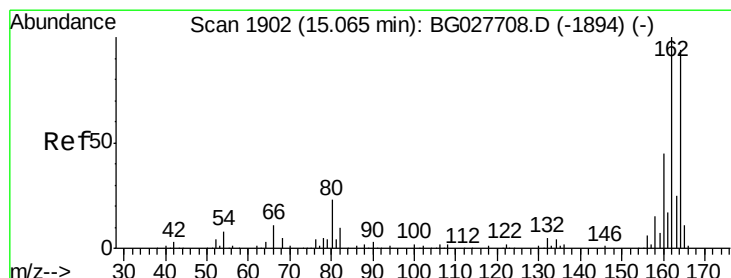
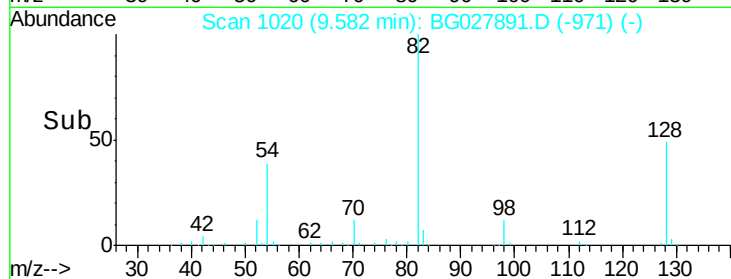
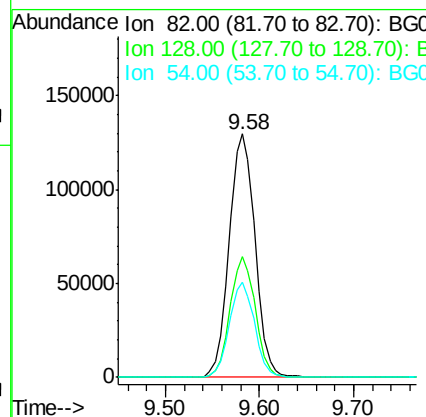
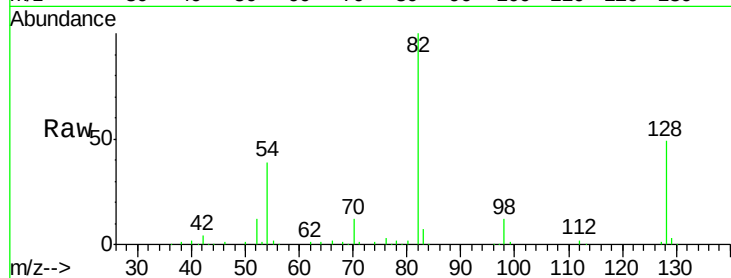




#23
 Nitrobenzene-d5
 Concen: 75.52 ng
 RT: 9.58 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG027891.D
 Acq: 10 Jul 2017 17:30

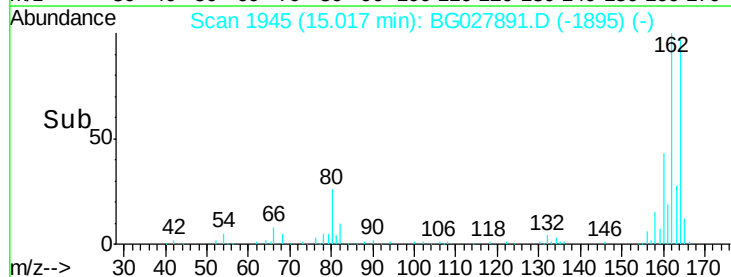
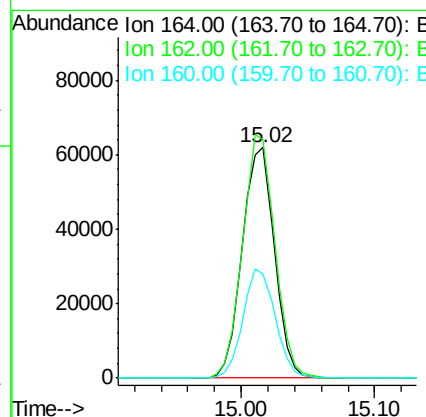
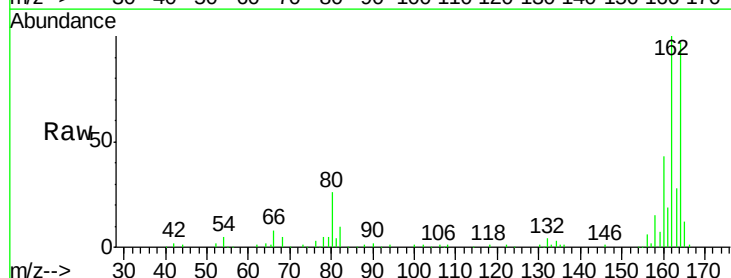
Instrument :
 BNA_G
 ClientSampleId :

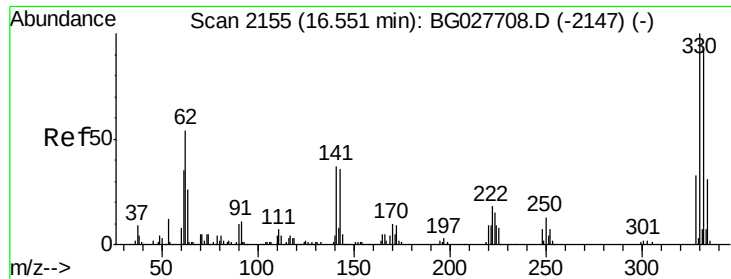
Tot Ion	82	Resp	248307
Ion Ratio	100		
Lower	26.4		
Upper	39.6		
128	49.3		
54	39.3		
	49.4		
	74.2		



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BG027891.D
 Acq: 10 Jul 2017 17:30

Tgt Ion	164	Resp	103348
Ion Ratio	100		
Lower	85.1		
Upper	127.7		
162	103.6		
160	45.0		
	34.7		
	52.1		

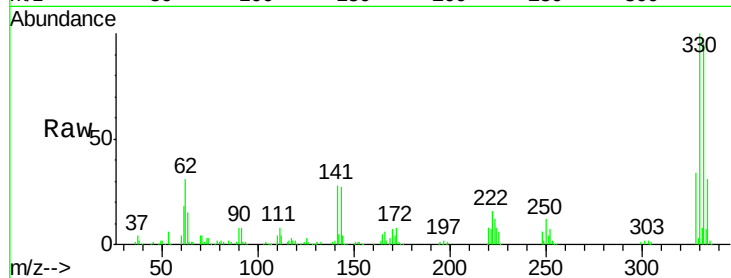




#41
 2,4,6-Tribromophenol
 Concen: 165.54 ng
 RT: 16.50 min Scan# 2197
 Delta R.T. -0.02 min
 Lab File: BG027891.D
 Acq: 10 Jul 2017 17:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	27.6	32.1	48.1#

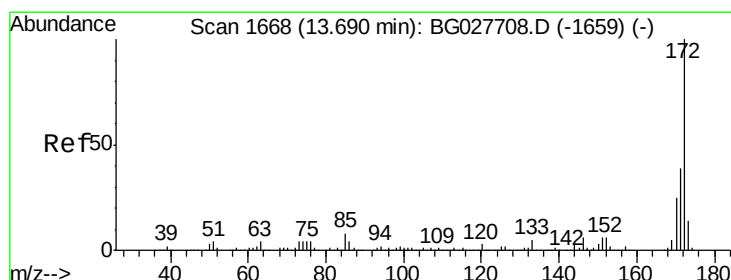
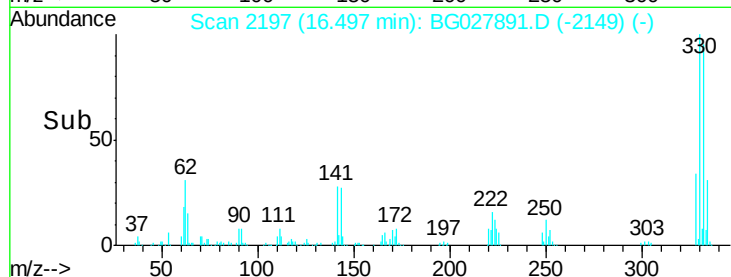
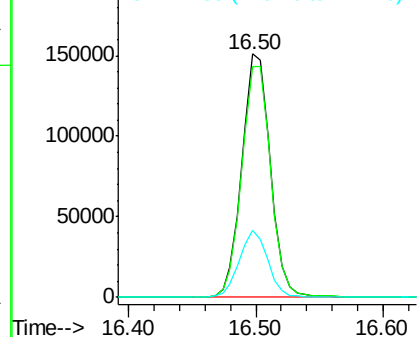


Abundance

Ion 329.80 (329.50 to 330.50): E

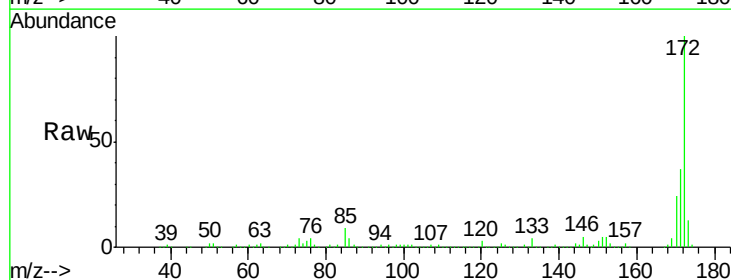
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 94.03 ng
 RT: 13.64 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG027891.D
 Acq: 10 Jul 2017 17:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	32.2	48.2
170	24.3	21.8	32.6

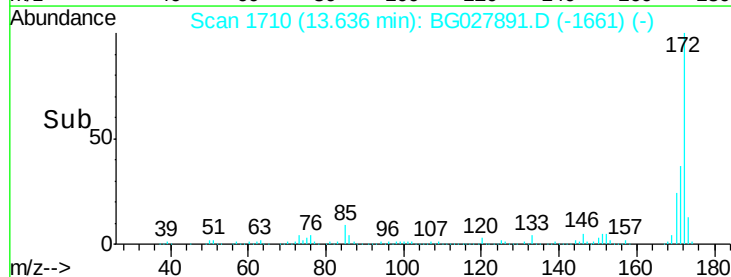
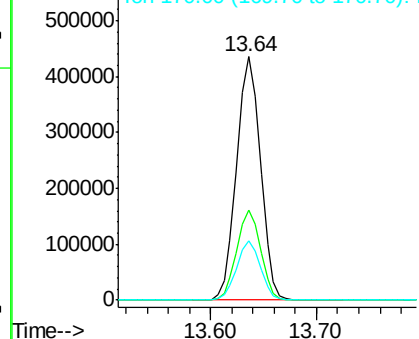


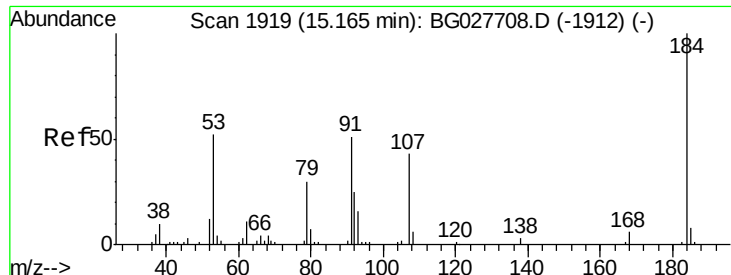
Abundance

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

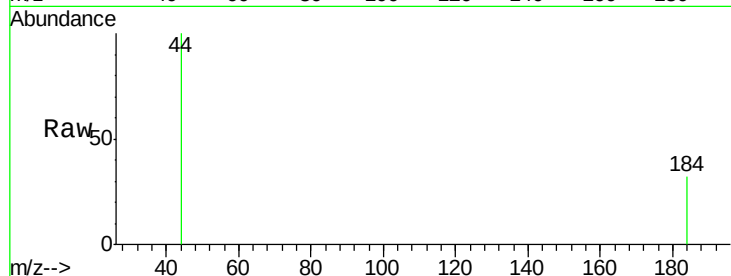




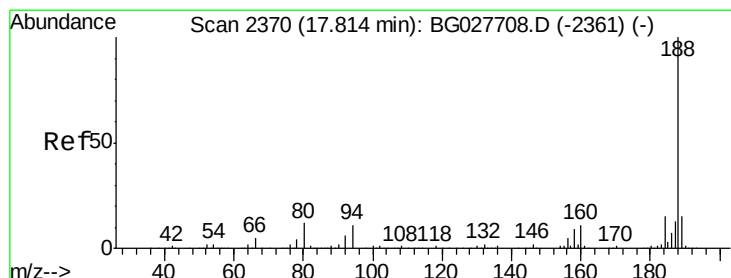
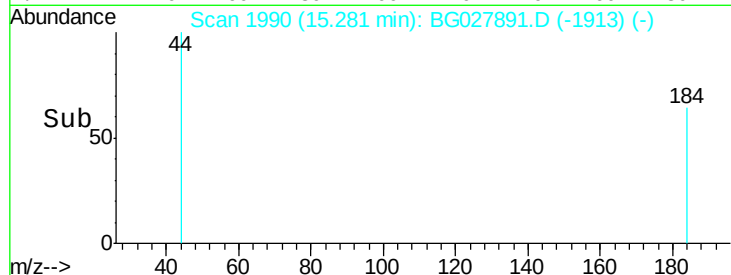
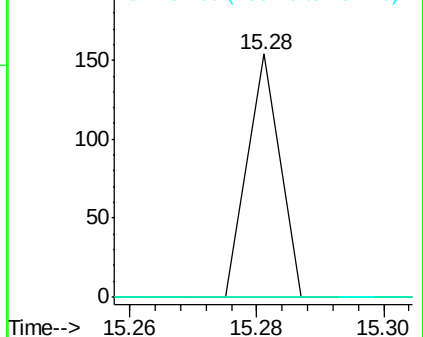
#53
 2,4-Dinitrophenol
 Concen: 8.62 ng
 RT: 15.28 min Scan# 1990
 Delta R.T. 0.15 min
 Lab File: BG027891.D
 Acq: 10 Jul 2017 17:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 54
 Ion Ratio Lower Upper
 184 100
 63 0.0 52.7 79.1#
 154 0.0 57.3 85.9#

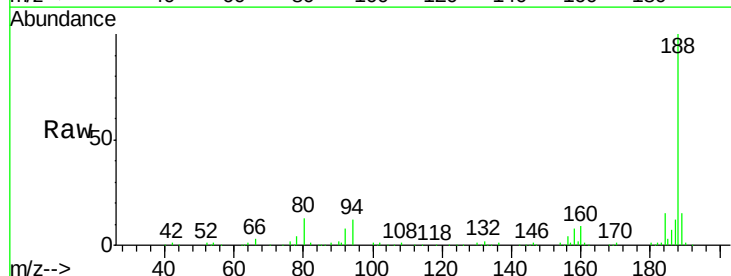


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

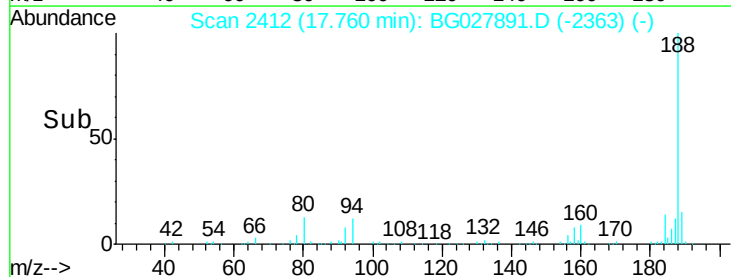
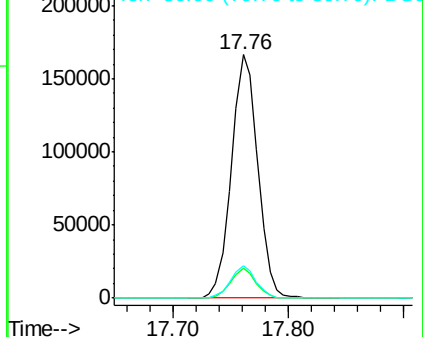


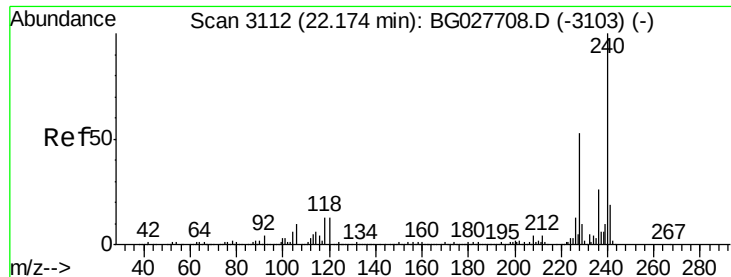
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.76 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG027891.D
 Acq: 10 Jul 2017 17:30

Tgt Ion:188 Resp: 262936
 Ion Ratio Lower Upper
 188 100
 94 12.1 5.8 8.8#
 80 13.2 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: 22.11 min Scan# 3152

Delta R.T. -0.02 min

Lab File: BG027891.D

Acq: 10 Jul 2017 17:30

Instrument :

BNA_G

ClientSampleId :

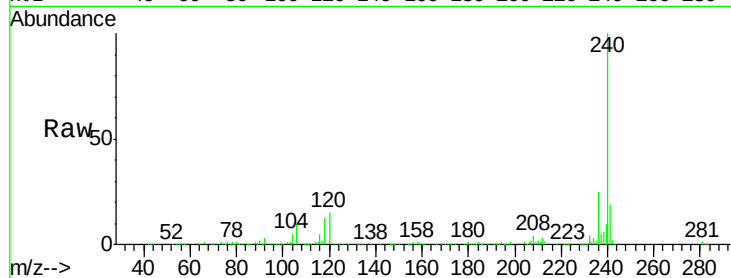
Tot Ion:240 Resp: 313624

Ion Ratio Lower Upper

240 100

120 14.9 5.7 8.5#

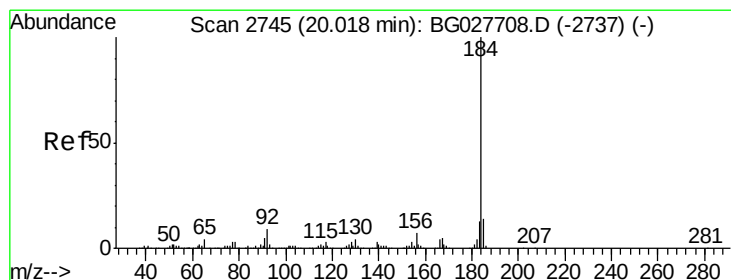
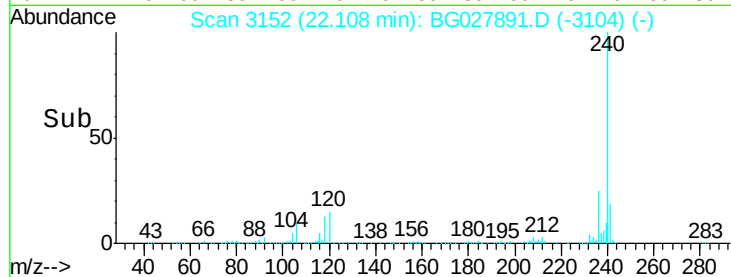
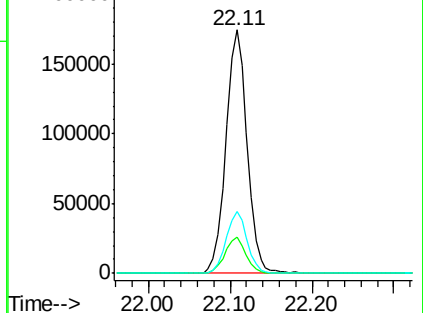
236 25.2 22.2 33.4



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



#76

Benzidine

Concen: 3.63 ng

RT: 19.99 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG027891.D

Acq: 10 Jul 2017 17:30

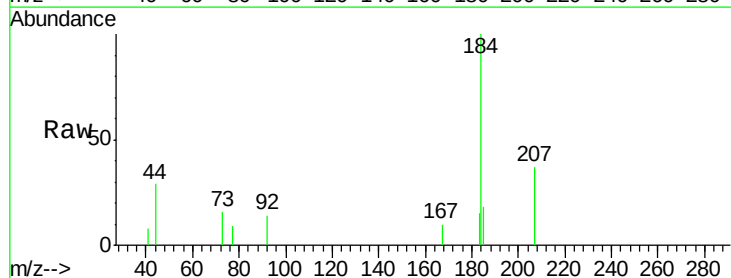
Tgt Ion:184 Resp: 3330

Ion Ratio Lower Upper

184 100

185 18.0 13.0 19.6

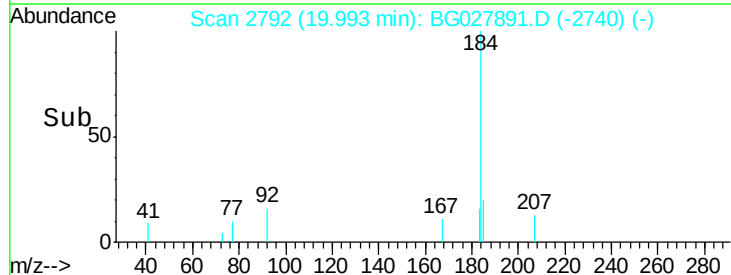
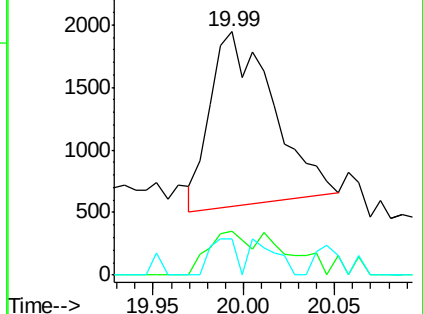
183 14.7 11.0 16.6

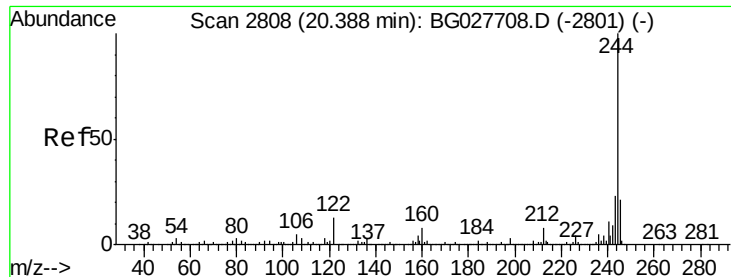


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 96.54 ng

RT: 20.35 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG027891.D

Acq: 10 Jul 2017 17:30

Instrument :

BNA_G

ClientSampleId :

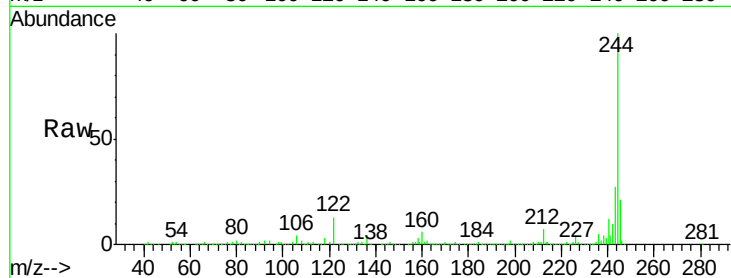
Tot Ion:244 Resp: 1291463

Ion Ratio Lower Upper

244 100

212 6.6 10.0 15.0#

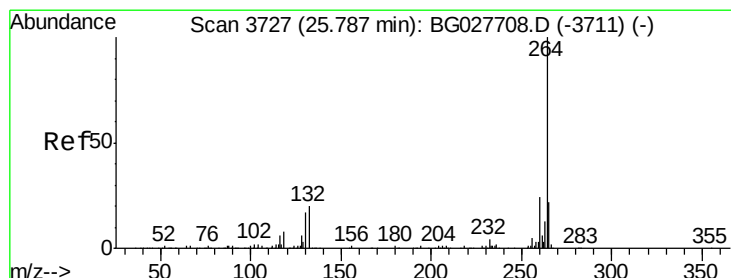
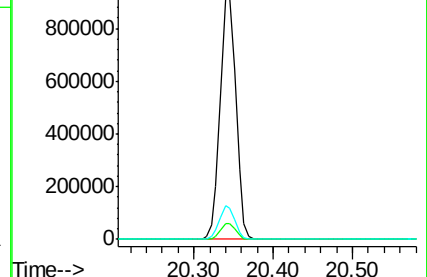
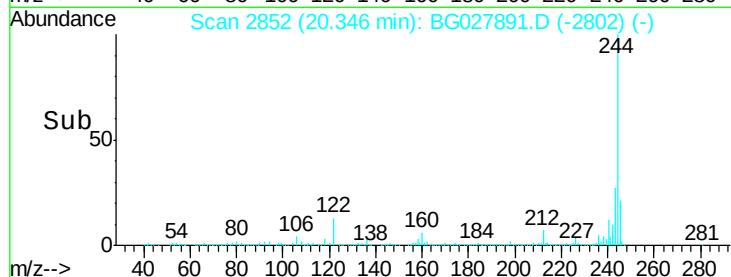
122 12.7 8.6 12.8



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: 25.67 min Scan# 3758

Delta R.T. -0.03 min

Lab File: BG027891.D

Acq: 10 Jul 2017 17:30

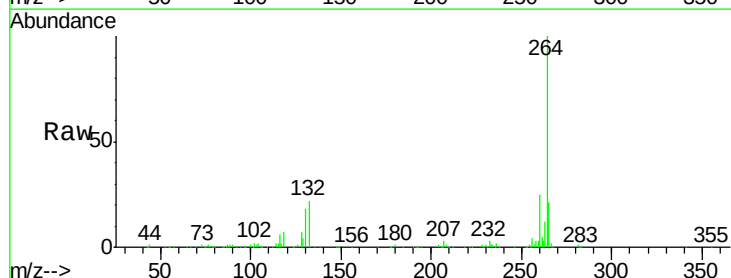
Tgt Ion:264 Resp: 307815

Ion Ratio Lower Upper

264 100

260 24.8 21.8 32.8

265 21.1 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

