

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121817\
 Data File : BG031646.D
 Acq On : 18 Dec 2017 22:43
 Operator : SJ/JU
 Sample : I6680-18
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 19 07:05:56 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

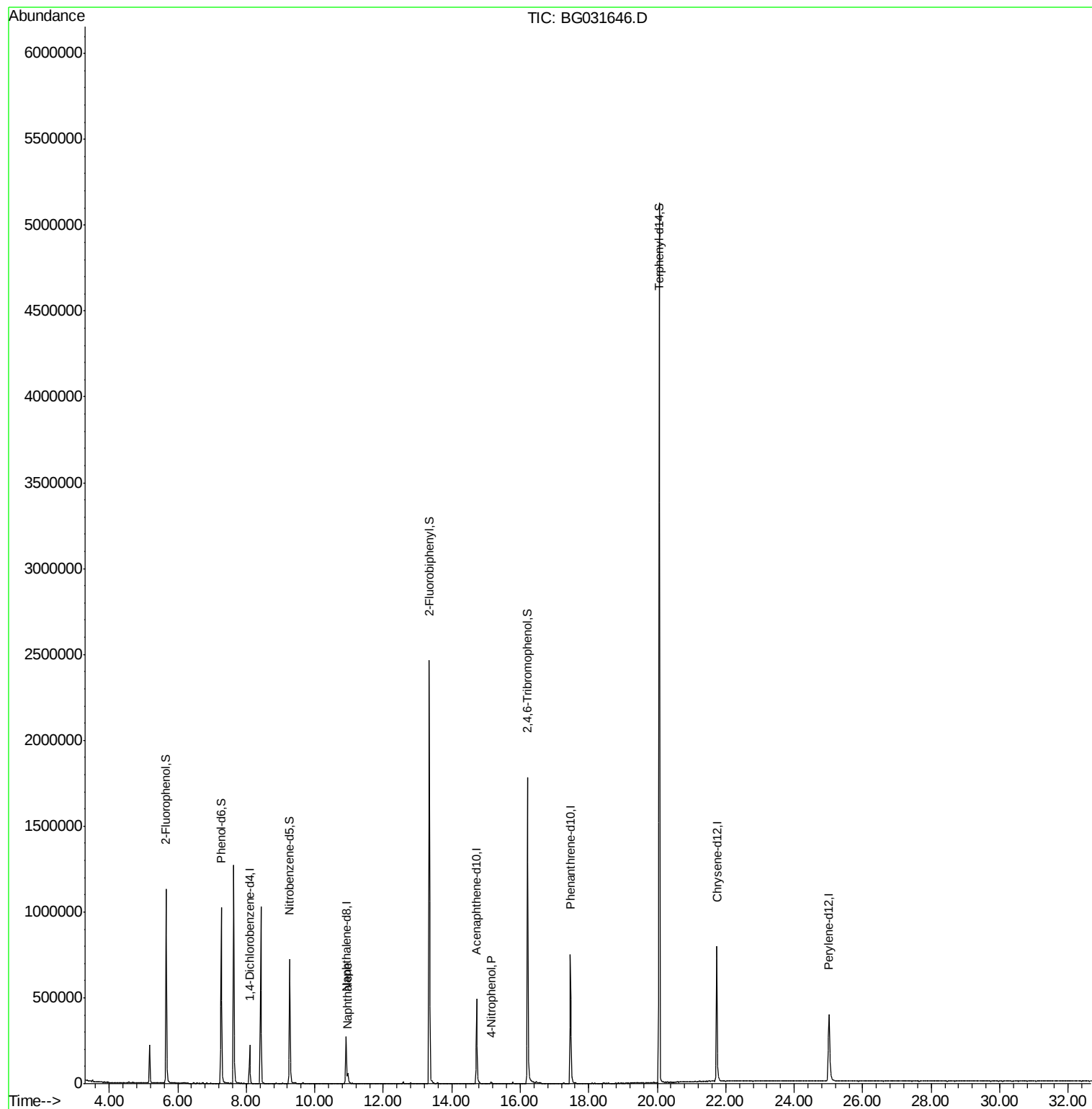
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	71739	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	304126	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	202667	20.00	ng	-0.01
63) Phenanthrene-d10	17.46	188	545459	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	583746	20.00	ng	-0.01
86) Perylene-d12	25.01	264	508189	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	593605	146.67	ng	0.00
7) Phenol-d6	7.27	99	685621	122.03	ng	0.00
23) Nitrobenzene-d5	9.27	82	486772	98.65	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	423557	178.39	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1419252	102.79	ng	0.00
78) Terphenyl-d14	20.06	244	2590350	100.96	ng	0.00
Target Compounds						
31) Naphthalene	10.97	128	50733	3.396	ng	# 95
55) 4-Nitrophenol	15.15	139	2117	4.361	ng	# 7

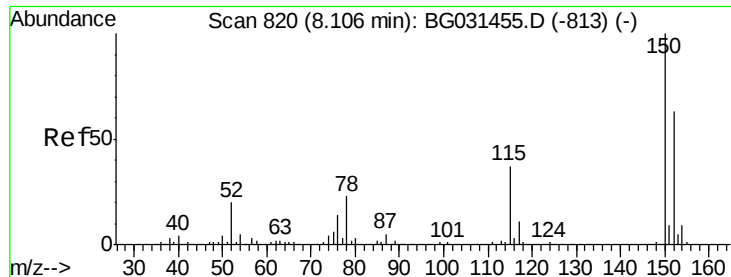
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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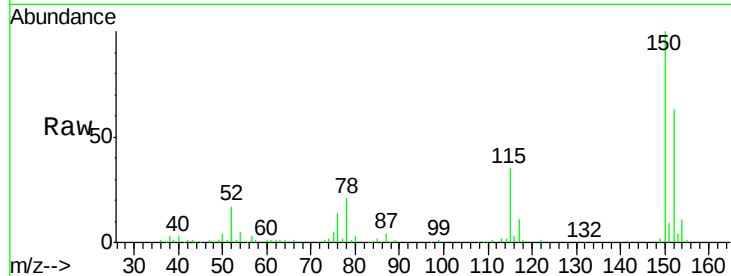


#1

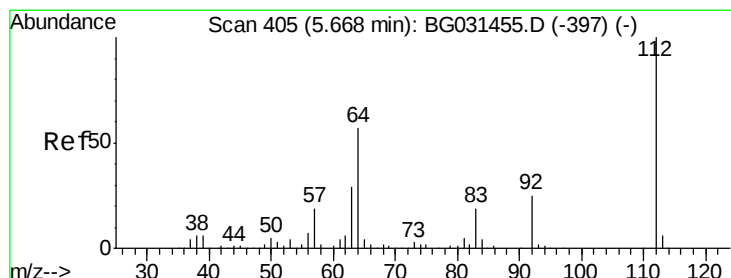
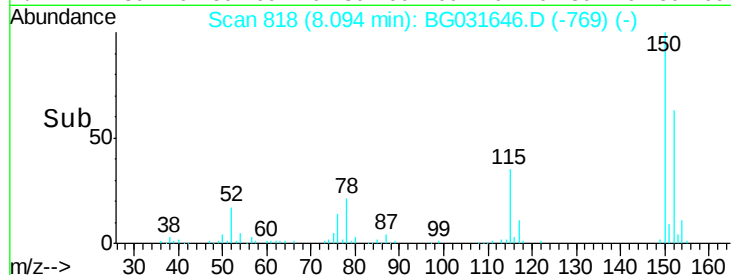
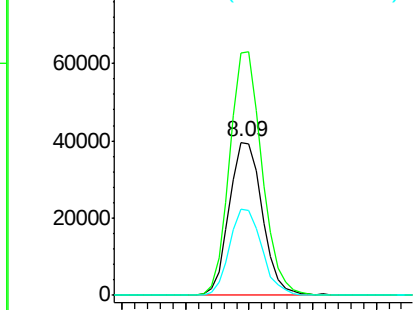
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031646.D
Acq: 18 Dec 2017 22:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 71739
Ion Ratio Lower Upper
152 100
150 158.4 126.6 189.8
115 55.8 53.0 79.4



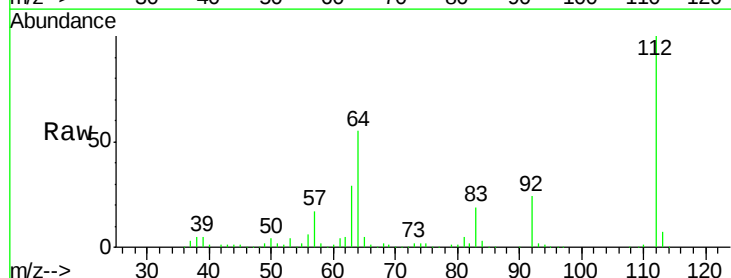
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



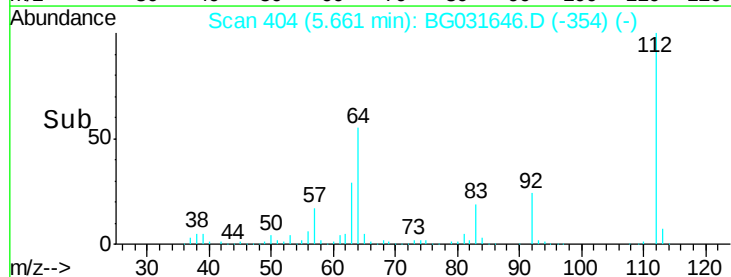
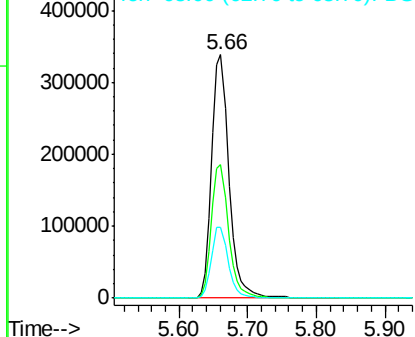
#5

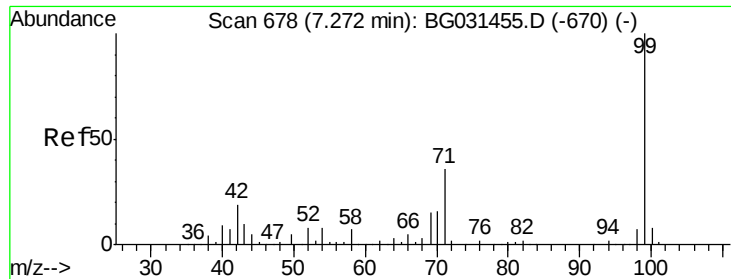
2-Fluorophenol
Concen: 146.667 ng
RT: 5.66 min Scan# 404
Delta R.T. -0.01 min
Lab File: BG031646.D
Acq: 18 Dec 2017 22:43

Tgt Ion:112 Resp: 593605
Ion Ratio Lower Upper
112 100
64 54.7 56.3 84.5#
63 29.3 30.1 45.1#



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: 122.027 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG031646.D

Acq: 18 Dec 2017 22:43

Instrument :

BNA_G

ClientSampleId :

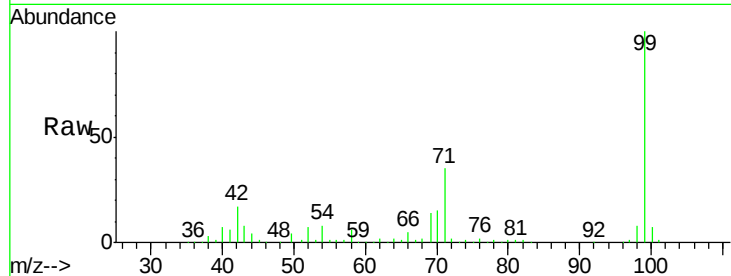
Tot Ion: 99 Resp: 685621

Ion Ratio Lower Upper

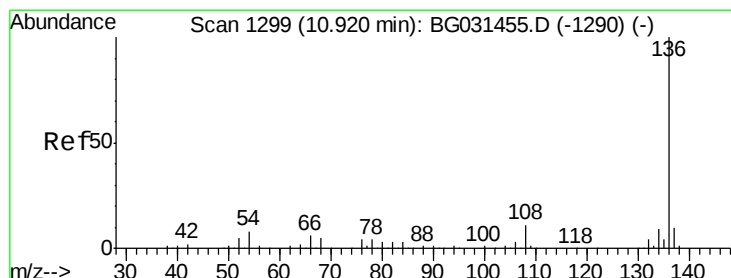
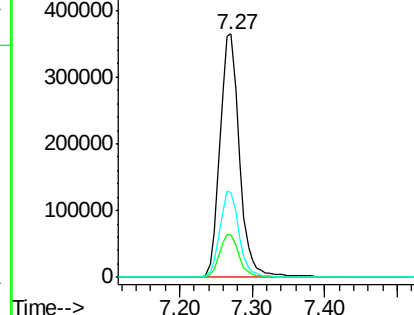
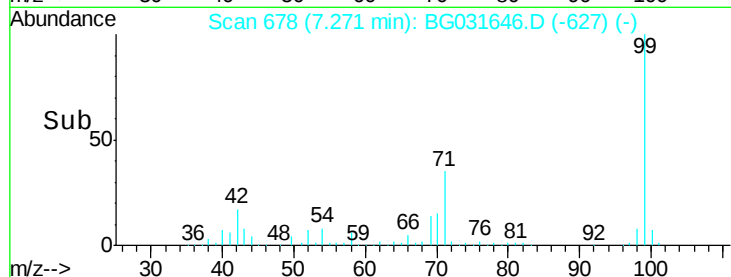
99 100

42 17.5 14.1 21.1

71 35.0 26.1 39.1



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: 10.91 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG031646.D

Acq: 18 Dec 2017 22:43

Tgt Ion: 136 Resp: 304126

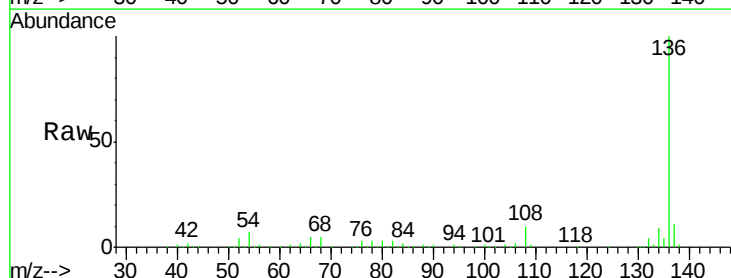
Ion Ratio Lower Upper

136 100

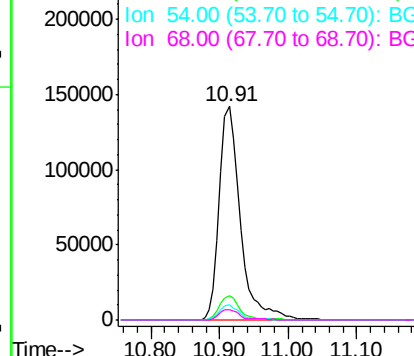
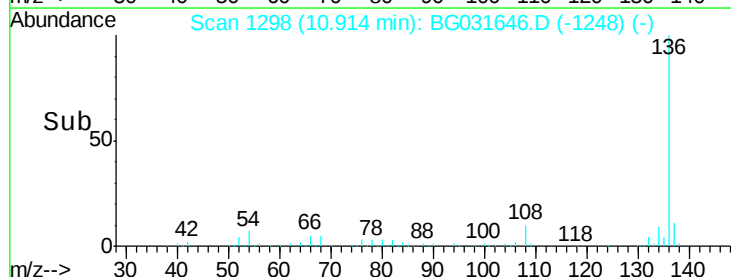
137 11.2 9.2 13.8

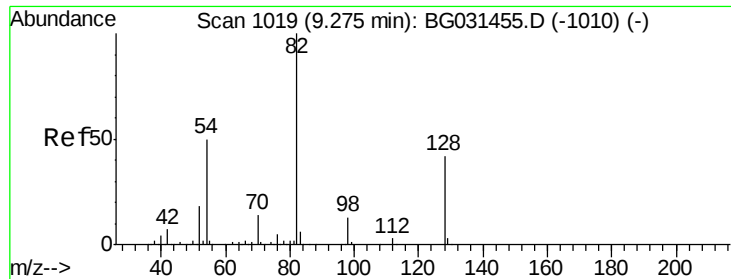
54 7.0 10.3 15.5#

68 4.7 4.5 6.7



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

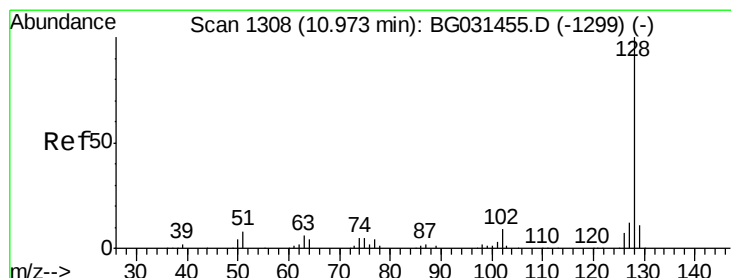
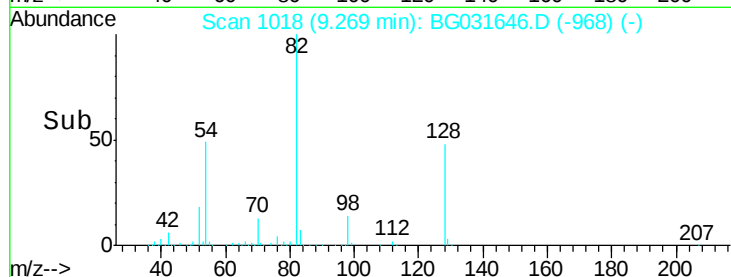
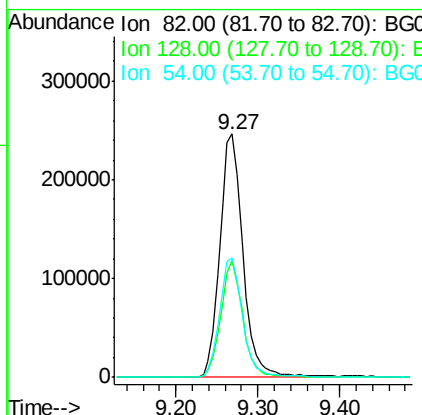
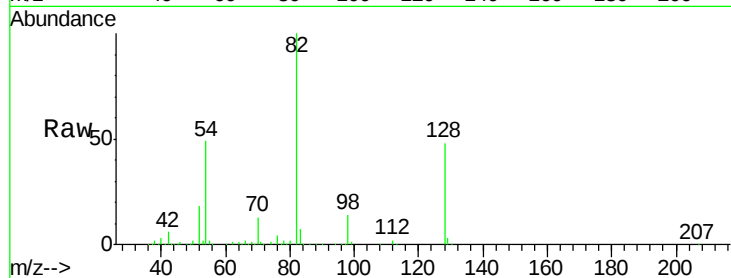




#23
Nitrobenzene-d5
Concen: 98.653 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG031646.D
Acq: 18 Dec 2017 22:43

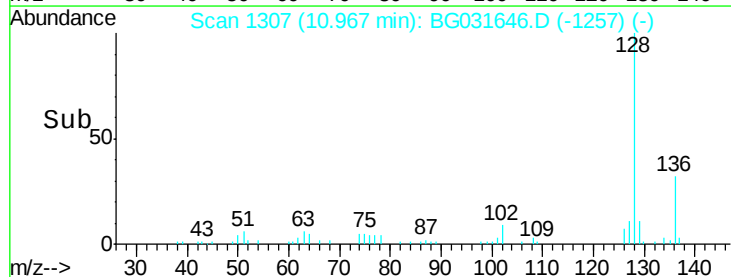
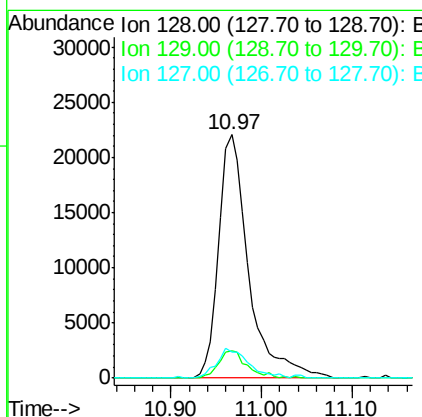
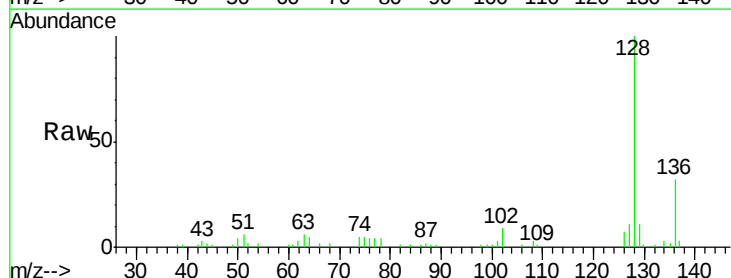
Instrument :
BNA_G
ClientSampleId :

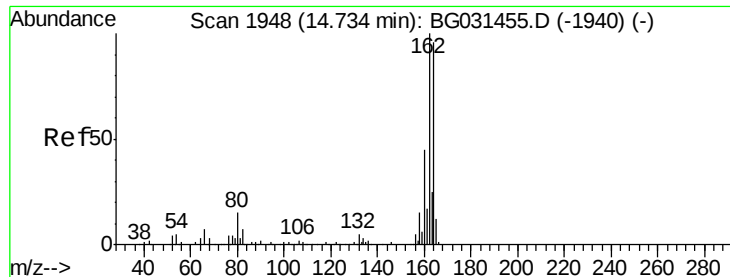
Tot Ion	82	Resp	486772
Ion Ratio	Lower	Upper	
82	100		
128	48.1	29.7	44.5#
54	49.3	43.1	64.7



#31
Naphthalene
Concen: 3.396 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BG031646.D
Acq: 18 Dec 2017 22:43

Tgt Ion	128	Resp	50733
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.6	12.8
127	10.8	11.6	17.4#

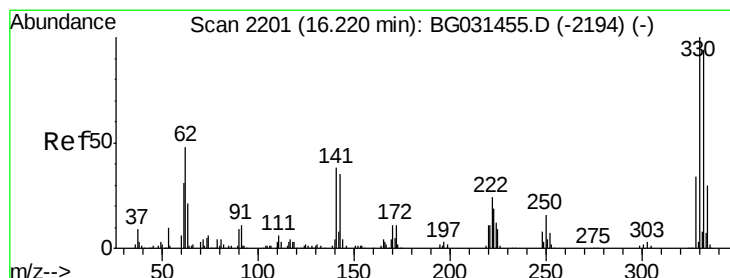
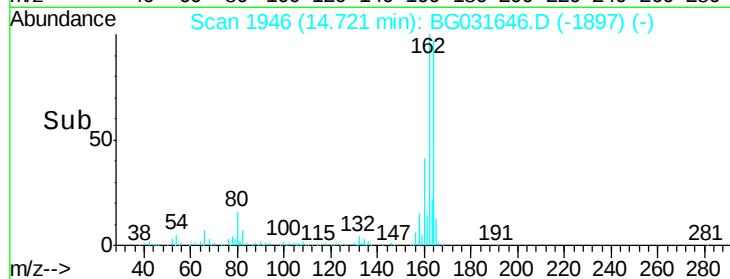
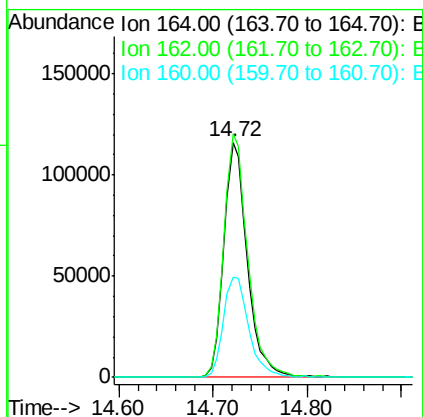
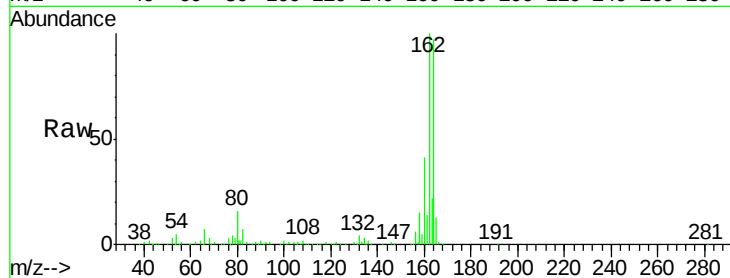




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG031646.D
Acq: 18 Dec 2017 22:43

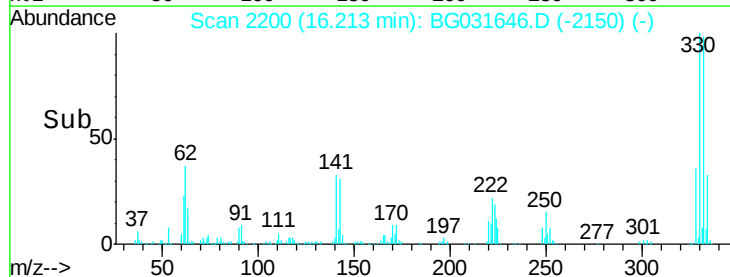
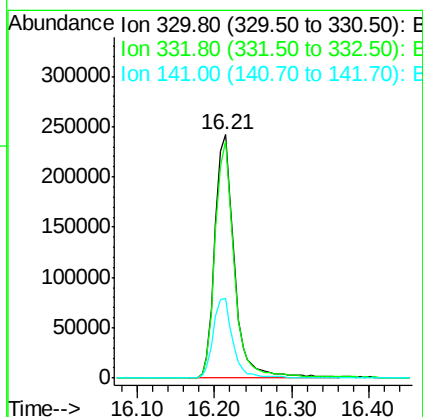
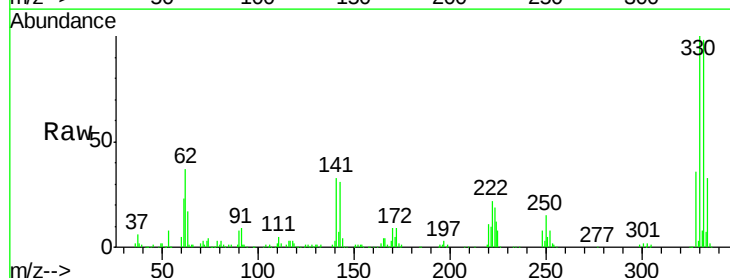
Instrument :
BNA_G
ClientSampleId :

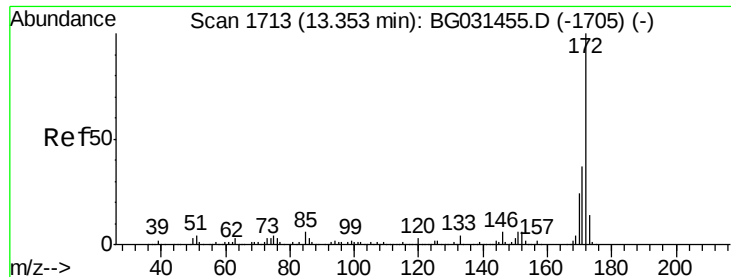
Tot Ion:164 Resp: 202667
Ion Ratio Lower Upper
164 100
162 103.6 78.8 118.2
160 42.7 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 178.390 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG031646.D
Acq: 18 Dec 2017 22:43

Tgt Ion:330 Resp: 423557
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 33.3 25.2 37.8



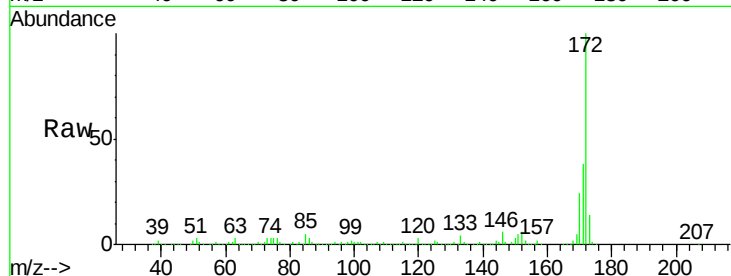


#44
 2-Fluorobiphenyl
 Concen: 102.793 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG031646.D
 Acq: 18 Dec 2017 22:43

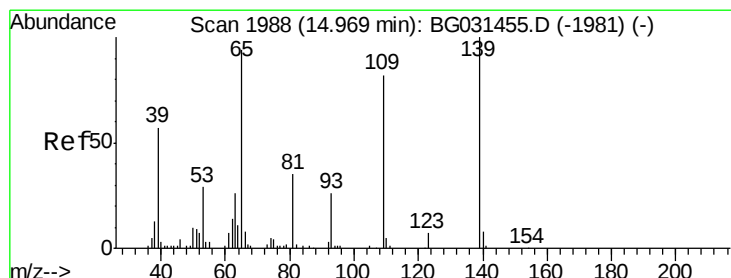
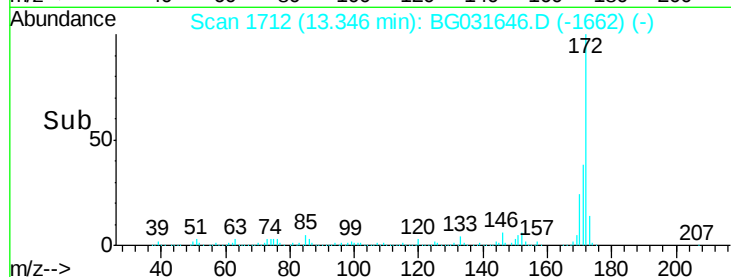
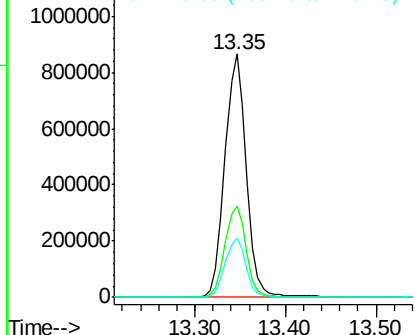
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1419252

Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	24.5	19.5	29.3



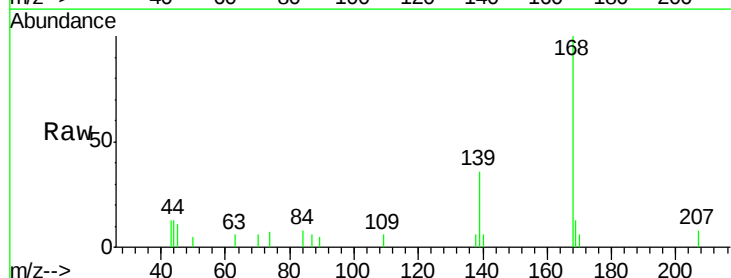
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



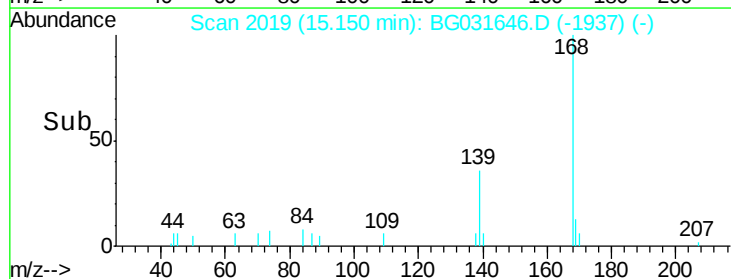
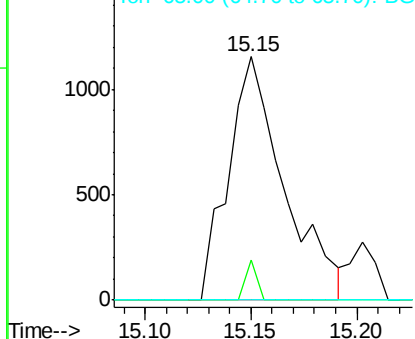
#55
 4-Nitrophenol
 Concen: 4.361 ng
 RT: 15.15 min Scan# 2019
 Delta R.T. 0.18 min
 Lab File: BG031646.D
 Acq: 18 Dec 2017 22:43

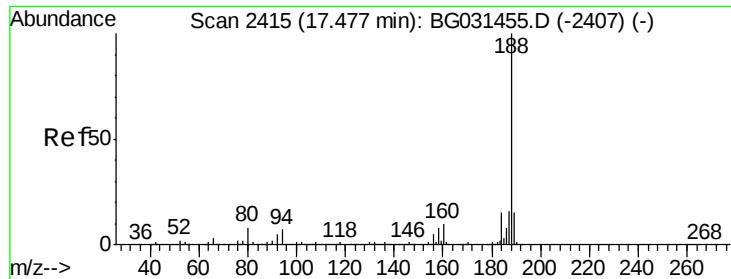
Tgt Ion:139 Resp: 2117

Ion	Ratio	Lower	Upper
139	100		
109	16.4	62.2	102.2#
65	0.0	97.2	137.2#



Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BG

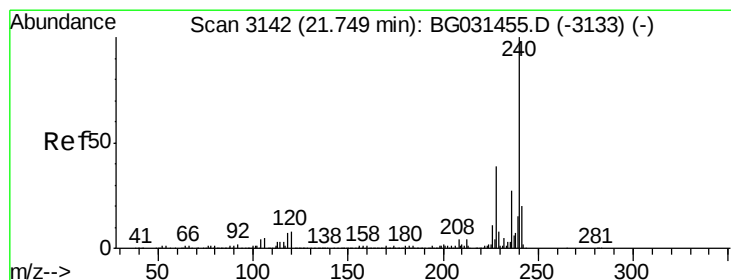
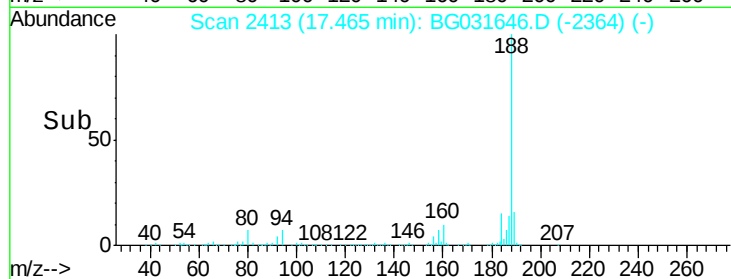
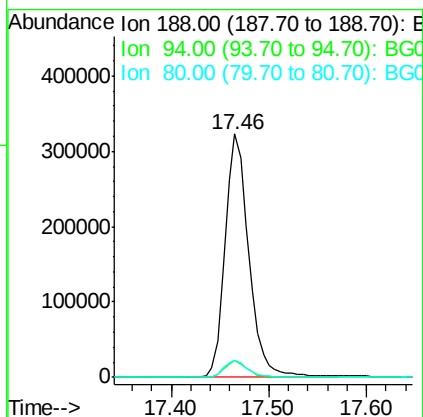
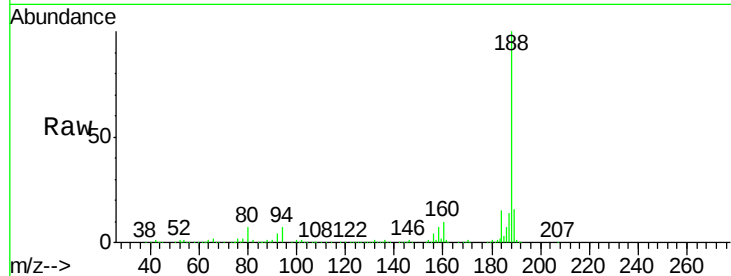




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031646.D
Acq: 18 Dec 2017 22:43

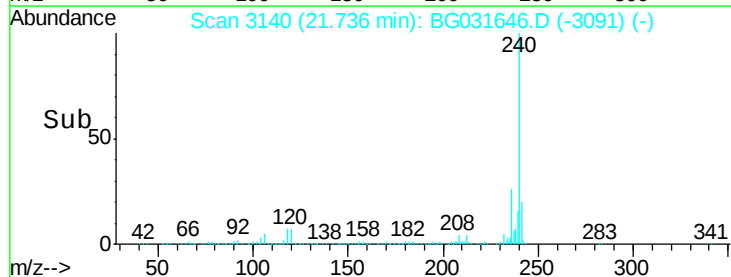
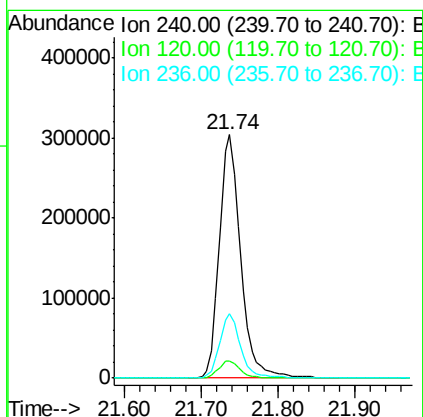
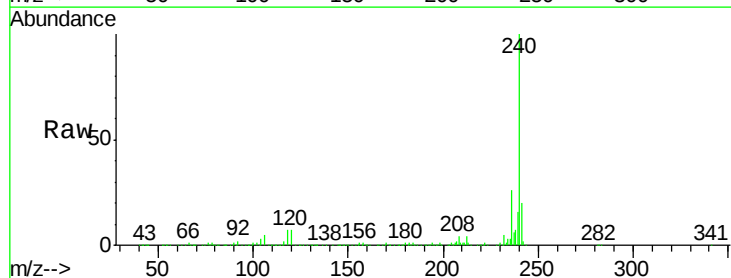
Instrument :
BNA_G
ClientSampleId :

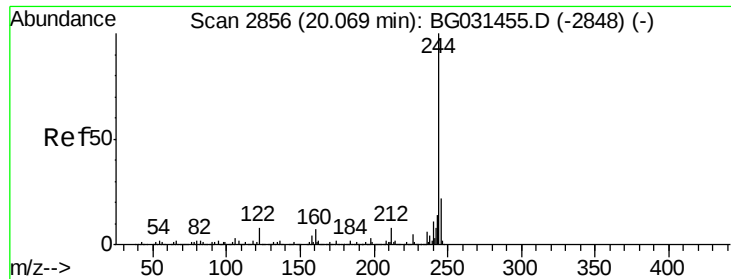
Tot Ion:188 Resp: 545459
Ion Ratio Lower Upper
188 100
94 6.8 6.9 10.3#
80 7.0 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG031646.D
Acq: 18 Dec 2017 22:43

Tgt Ion:240 Resp: 583746
Ion Ratio Lower Upper
240 100
120 6.9 6.8 10.2
236 26.5 20.9 31.3





#78

Terphenyl-d14

Concen: 100.959 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG031646.D

Acq: 18 Dec 2017 22:43

Instrument :

BNA_G

ClientSampleId :

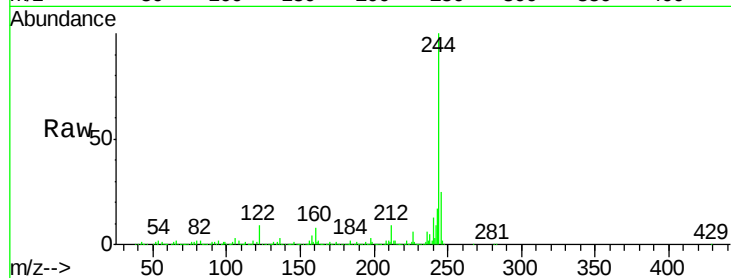
Tot Ion:244 Resp: 2590350

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

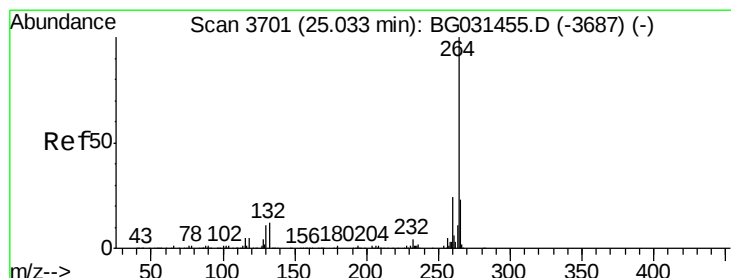
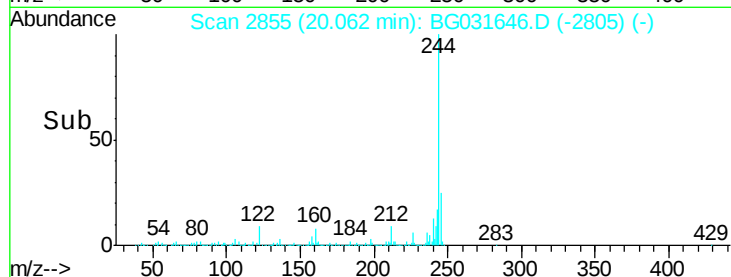
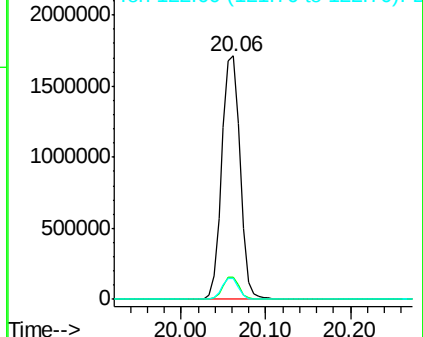
122 8.6 7.0 10.4



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: 25.01 min Scan# 3698

Delta R.T. -0.02 min

Lab File: BG031646.D

Acq: 18 Dec 2017 22:43

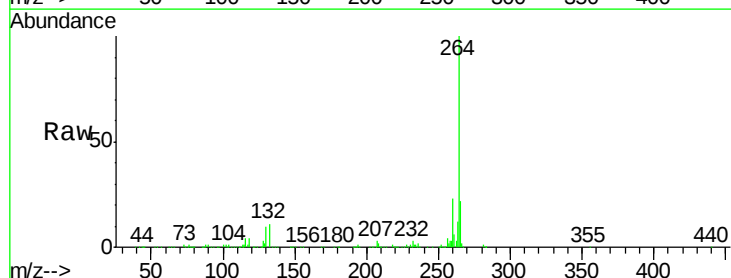
Tgt Ion:264 Resp: 508189

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 21.8 17.7 26.5



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

