

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
 Data File : BG022710.D
 Acq On : 30 Jun 2016 1:59
 Operator : UM/SJ
 Sample : H3828-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-0584

Quant Time: Jun 30 05:10:05 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

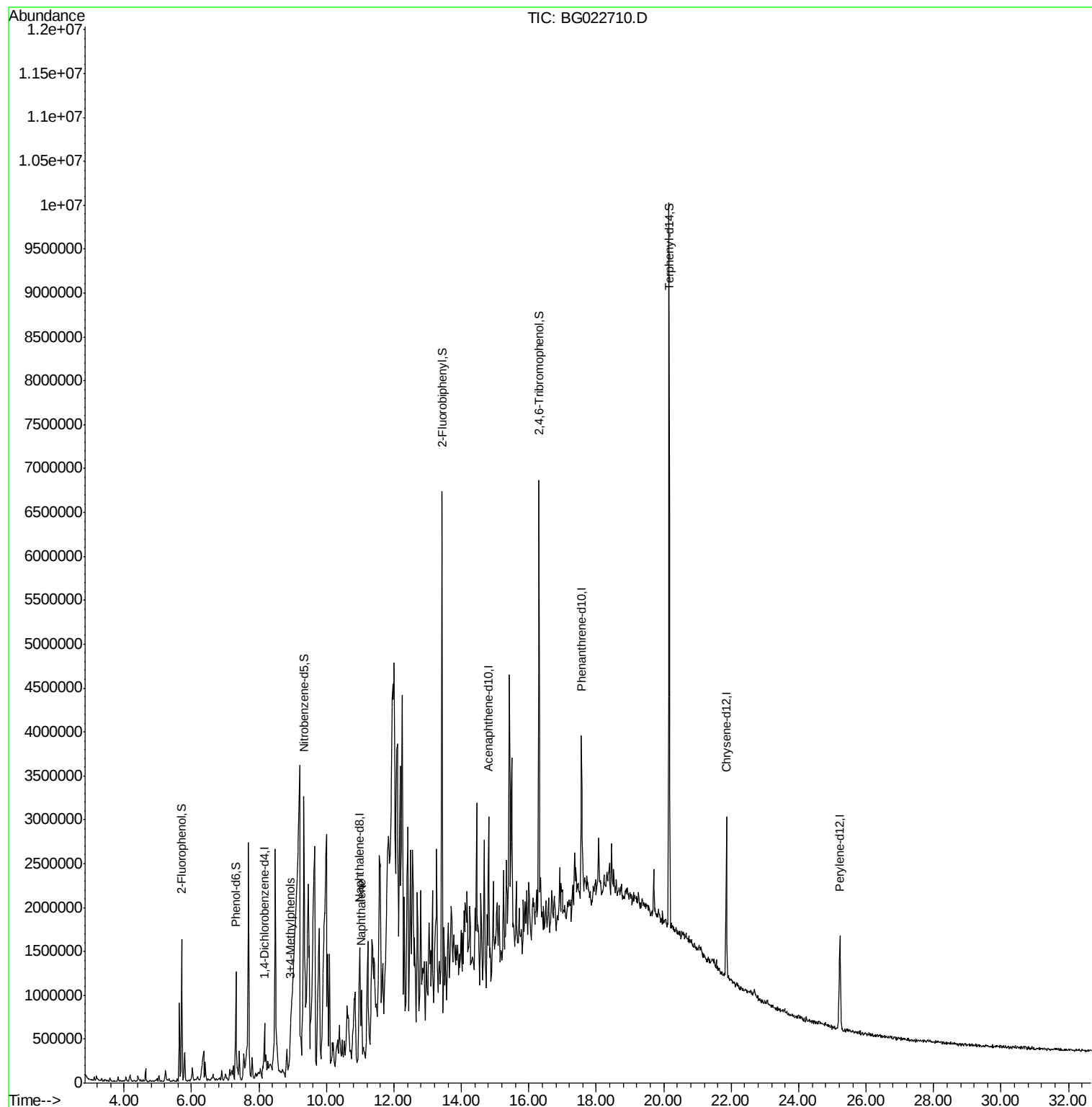
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	152730	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	695007	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	527684	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1077205	20.00	ng	0.01
75) Chrysene-d12	21.86	240	1193948	20.00	ng	0.01
86) Perylene-d12	25.22	264	1246917	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	654700	68.76	ng	0.00
7) Phenol-d6	7.31	99	705912	52.59	ng	0.01
23) Nitrobenzene-d5	9.34	82	1301413	79.25	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	991170	119.42	ng	0.02
44) 2-Fluorobiphenyl	13.42	172	2563816	77.05	ng	0.00
78) Terphenyl-d14	20.16	244	2975914	66.04	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	8.93	107	46318	3.60	ng	94
31) Naphthalene	11.04	128	408190	11.68	ng	96

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022710.D

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Instrument :

BNA_G

ClientSampleId :

S8-0584

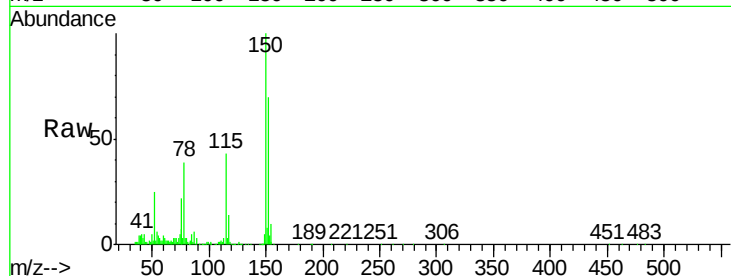
Tot Ion:152 Resp: 152730

Ion Ratio Lower Upper

152 100

150 143.7 144.7 217.1#

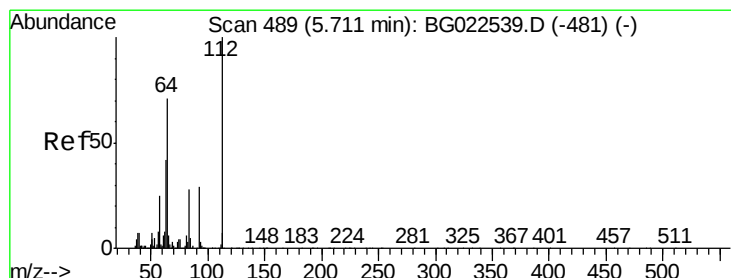
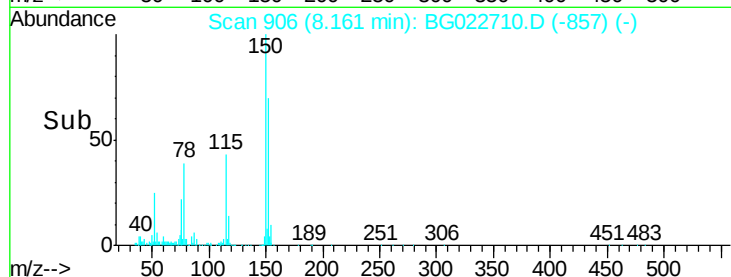
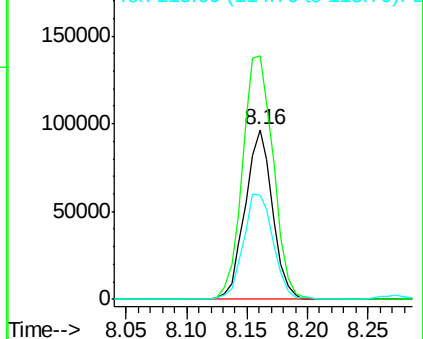
115 61.1 64.0 96.0#



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: 68.76 ng

RT: 5.70 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG022710.D

Acq: 30 Jun 2016 1:59

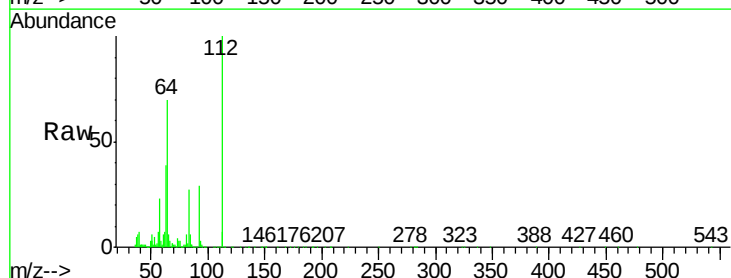
Tgt Ion:112 Resp: 654700

Ion Ratio Lower Upper

112 100

64 70.2 59.0 88.4

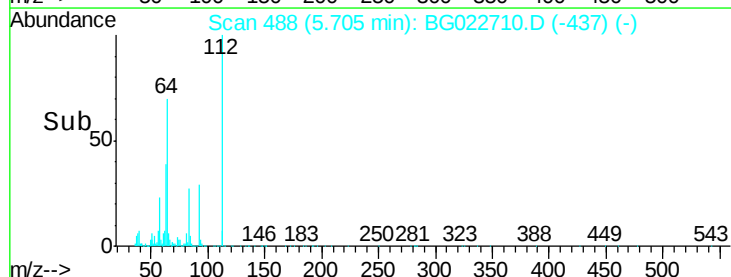
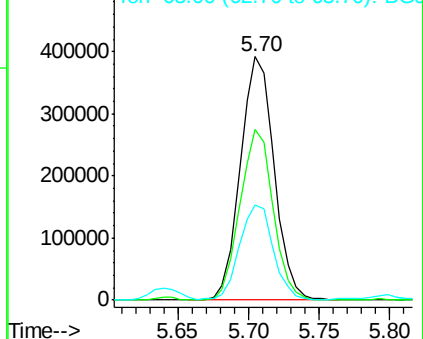
63 39.3 37.8 56.8

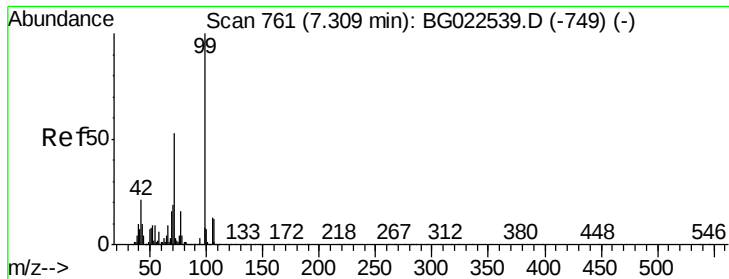


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 52.59 ng

RT: 7.31 min Scan# 762

Delta R.T. 0.01 min

Lab File: BG022710.D

Acq: 30 Jun 2016 1:59

Instrument :

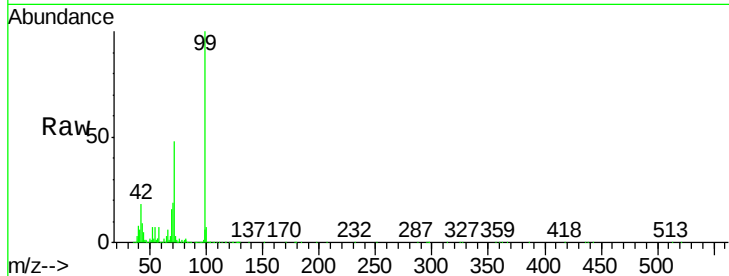
BNA_G

ClientSampleId :

S8-0584

Tot Ion: 99 Resp: 705912

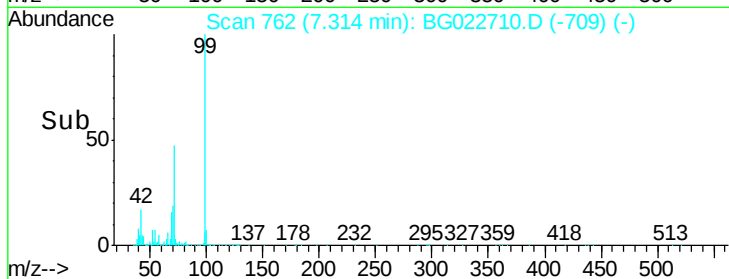
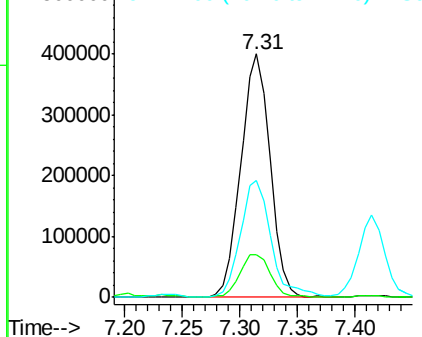
Ion	Ratio	Lower	Upper
99	100		
42	17.7	17.8	26.6#
71	47.9	41.5	62.3



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



#20

3+4-Methylphenols

Concen: 3.60 ng

RT: 8.93 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BG022710.D

Acq: 30 Jun 2016 1:59

Tgt Ion: 107 Resp: 46318

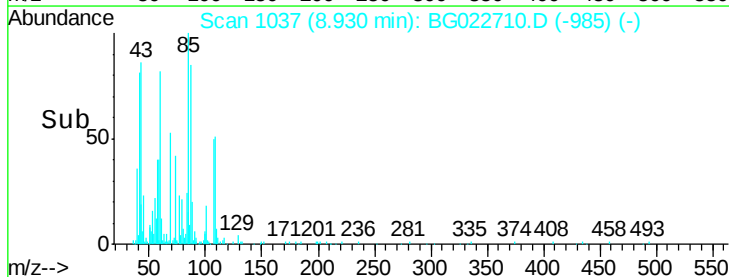
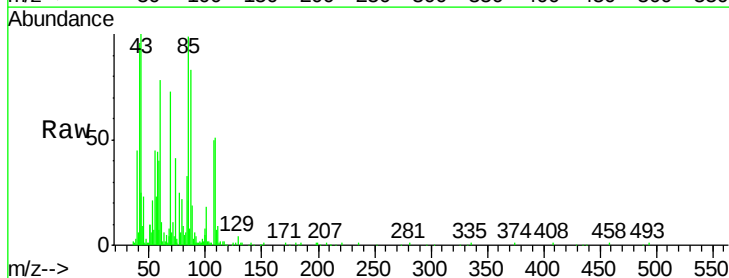
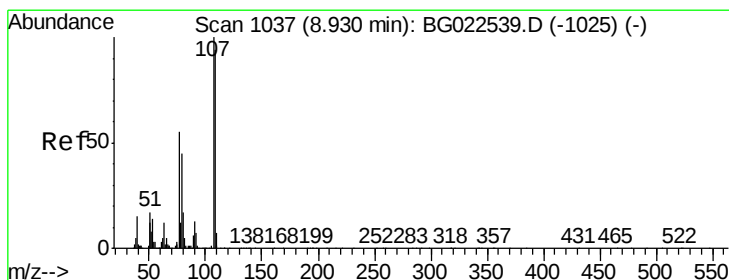
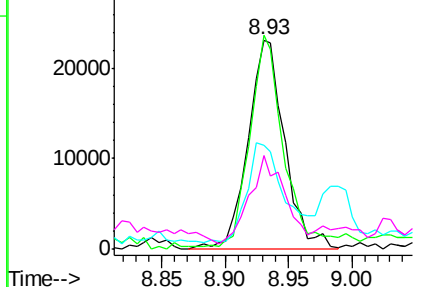
Ion	Ratio	Lower	Upper
107	100		
108	102.2	72.5	112.5
77	49.3	30.1	70.1
79	44.9	24.2	64.2

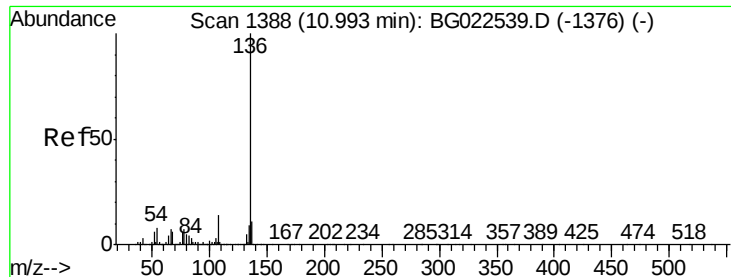
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

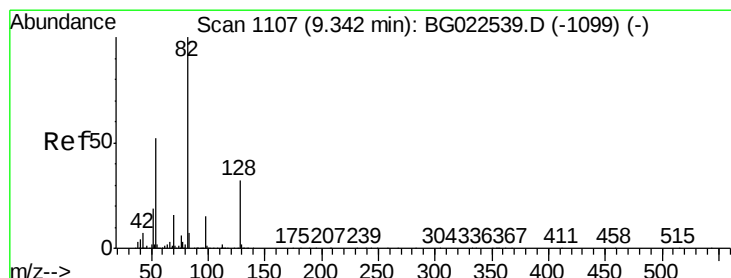
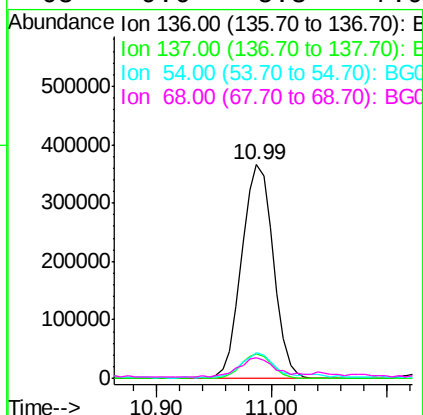
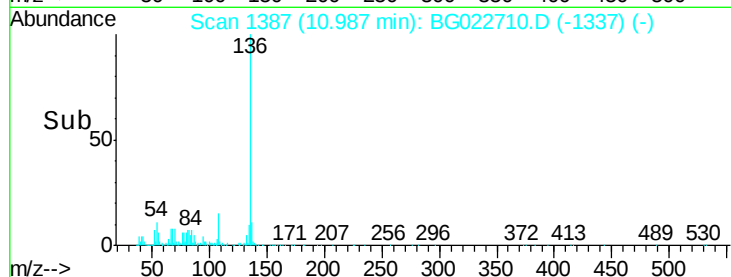
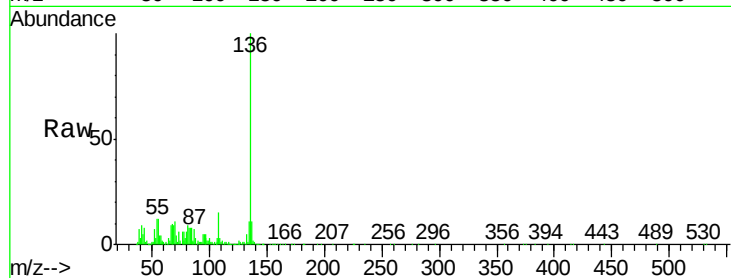




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BG022710.D
Acq: 30 Jun 2016 1:59

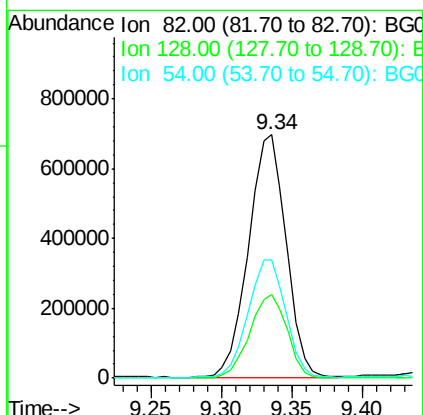
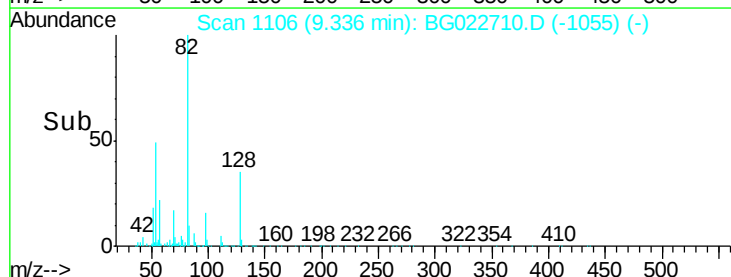
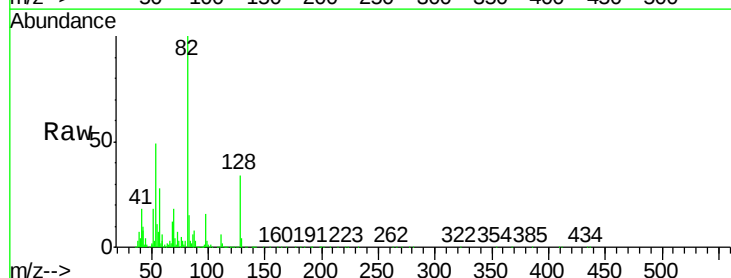
Instrument :
BNA_G
ClientSampled :
S8-0584

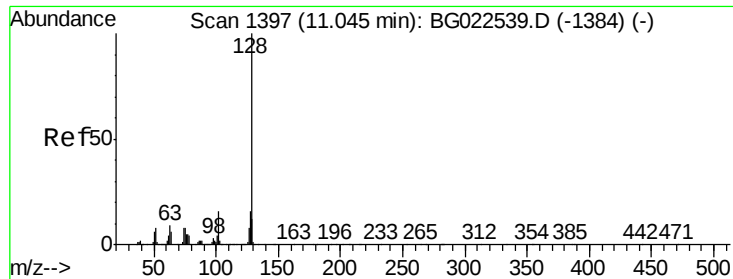
Tot Ion:136	Resp: 695007
Ion Ratio	Lower Upper
136 100	
137 11.5	9.6 14.4
54 11.7	7.3 10.9#
68 9.6	5.3 7.9#



#23
Nitrobenzene-d5
Concen: 79.25 ng
RT: 9.34 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BG022710.D
Acq: 30 Jun 2016 1:59

Tgt Ion	82	Resp: 1301413	
	Ratio	Lower	Upper
82	100		
128	34.5	24.4	36.6
54	48.8	41.4	62.0

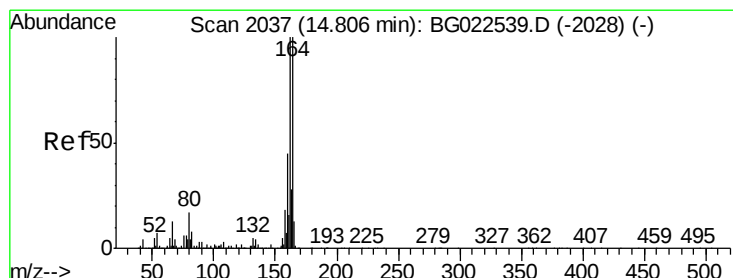
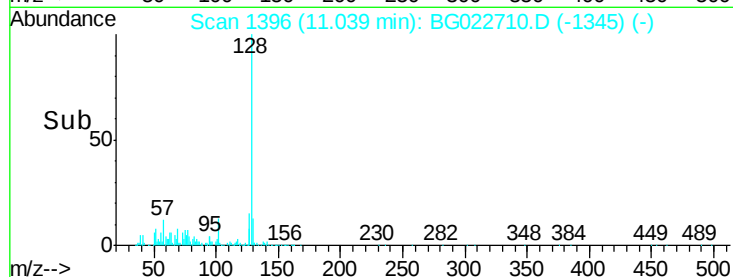
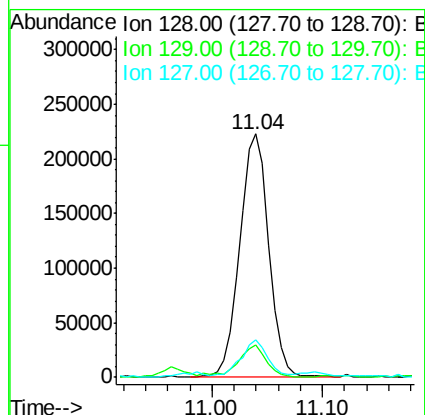
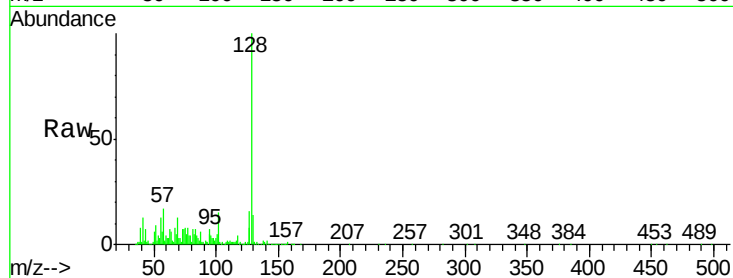




#31
Naphthalene
Concen: 11.68 ng
RT: 11.04 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BG022710.D
Acq: 30 Jun 2016 1:59

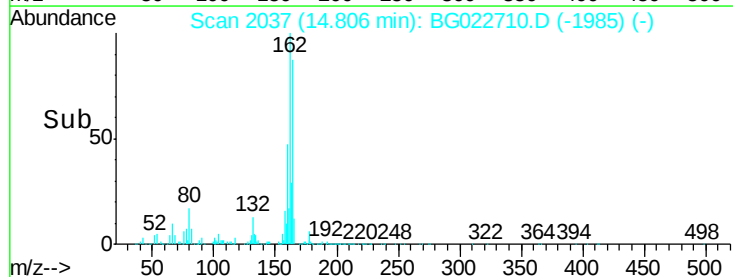
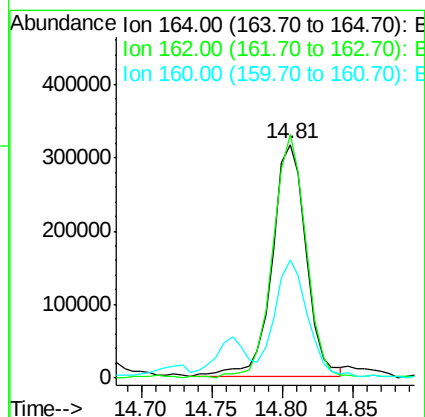
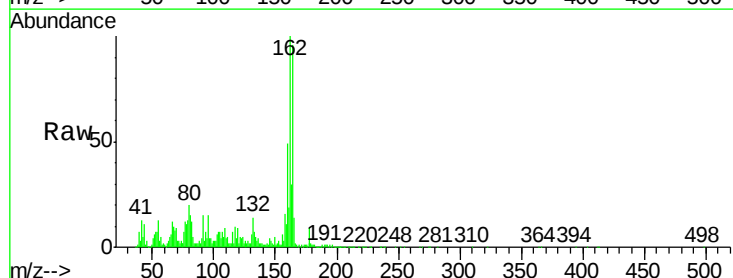
Instrument :
BNA_G
ClientSampleId :
S8-0584

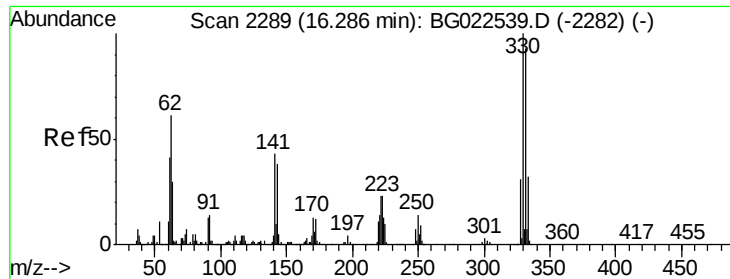
Tot Ion	Ratio	Lower	Upper
128	100		
129	13.5	9.4	14.0
127	15.6	11.3	16.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BG022710.D
Acq: 30 Jun 2016 1:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	87.7	131.5
160	50.6	37.2	55.8

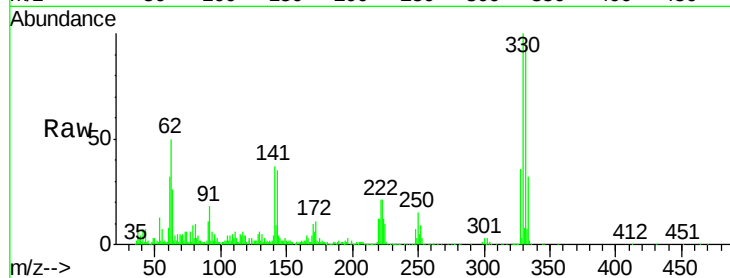




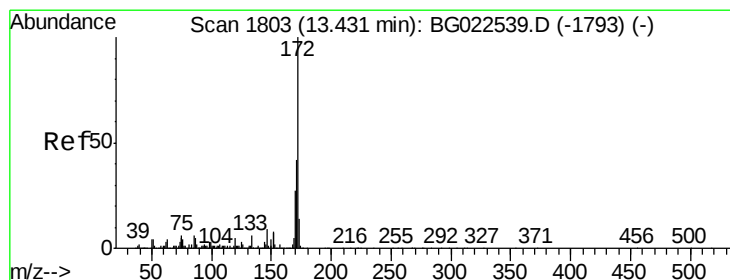
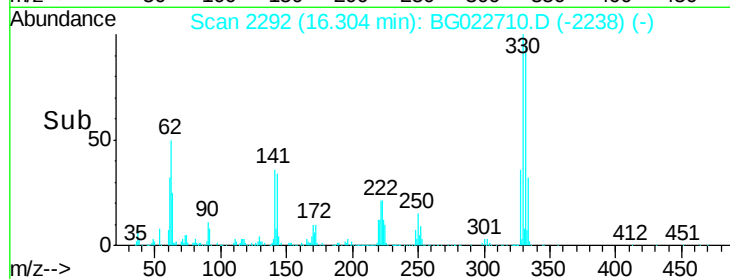
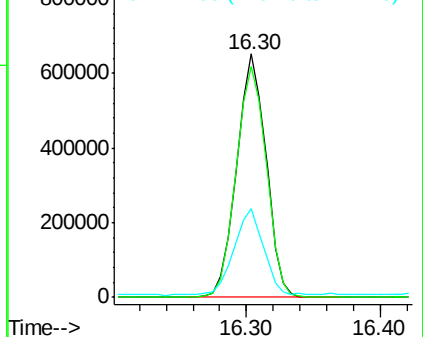
#41
2,4,6-Tribromophenol
Concen: 119.42 ng
RT: 16.30 min Scan# 2292
Delta R.T. 0.02 min
Lab File: BG022710.D
Acq: 30 Jun 2016 1:59

Instrument :
BNA_G
ClientSampleId :
S8-0584

Tot Ion:330 Resp: 991170
Ion Ratio Lower Upper
330 100
332 97.6 77.4 116.2
141 36.8 31.7 47.5

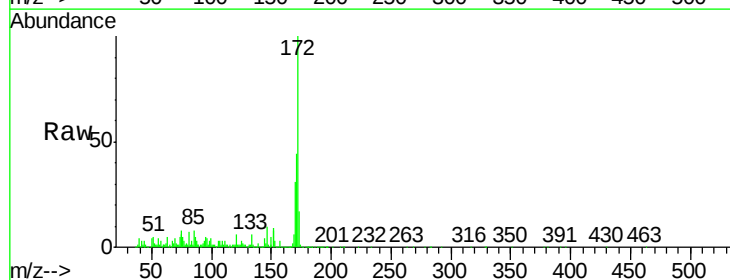


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

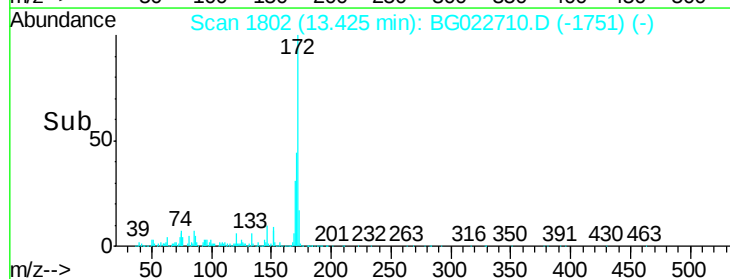
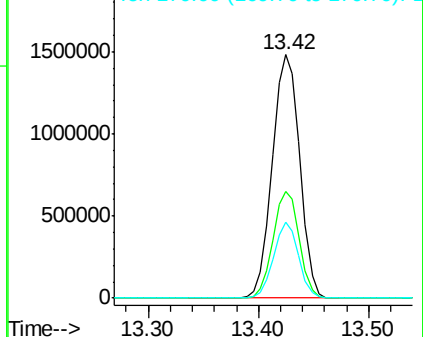


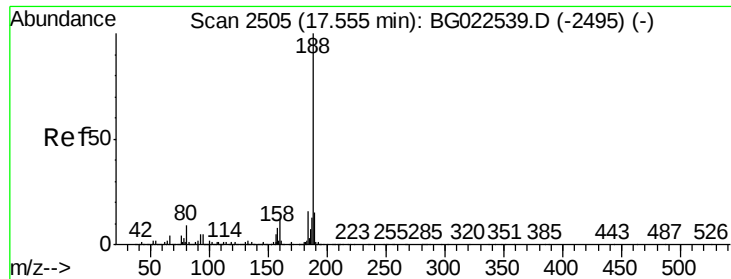
#44
2-Fluorobiphenyl
Concen: 77.05 ng
RT: 13.42 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BG022710.D
Acq: 30 Jun 2016 1:59

Tgt Ion:172 Resp: 2563816
Ion Ratio Lower Upper
172 100
171 44.1 31.6 47.4
170 31.2 21.3 31.9



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2506

Delta R.T. 0.01 min

Lab File: BG022710.D

Acq: 30 Jun 2016 1:59

Instrument :

BNA_G

ClientSampleId :

S8-0584

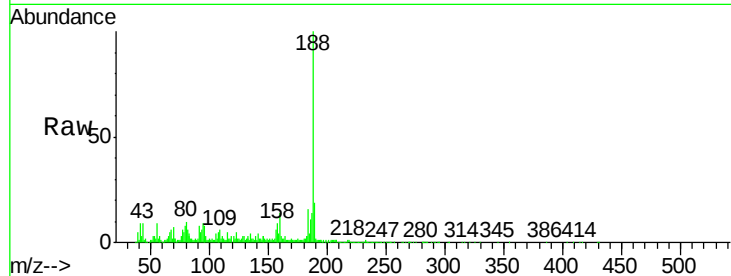
Tot Ion:188 Resp: 1077205

Ion Ratio Lower Upper

188 100

94 9.3 5.2 7.8#

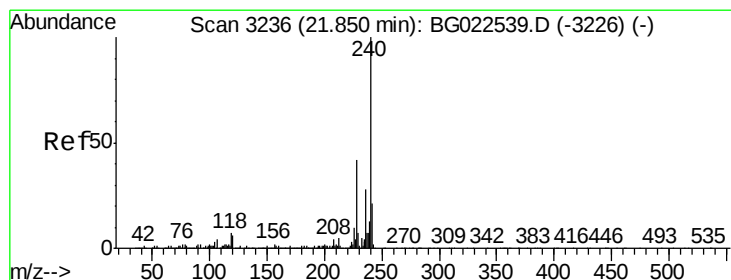
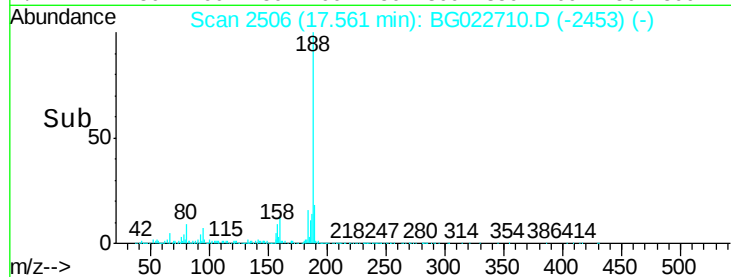
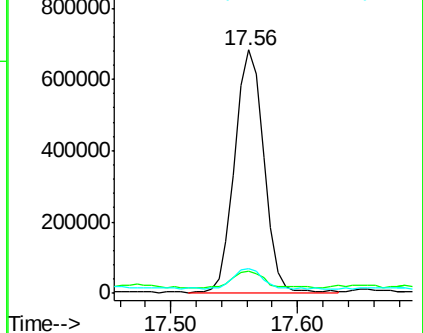
80 10.2 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3237

Delta R.T. 0.01 min

Lab File: BG022710.D

Acq: 30 Jun 2016 1:59

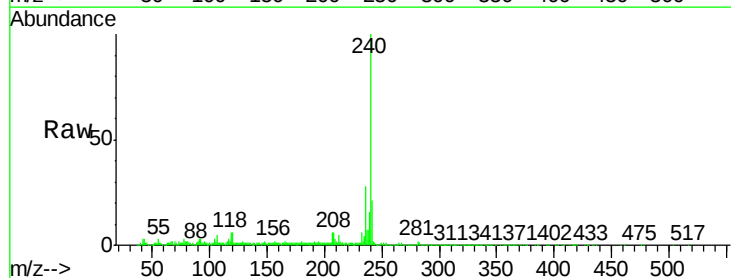
Tgt Ion:240 Resp: 1193948

Ion Ratio Lower Upper

240 100

120 5.5 4.1 6.1

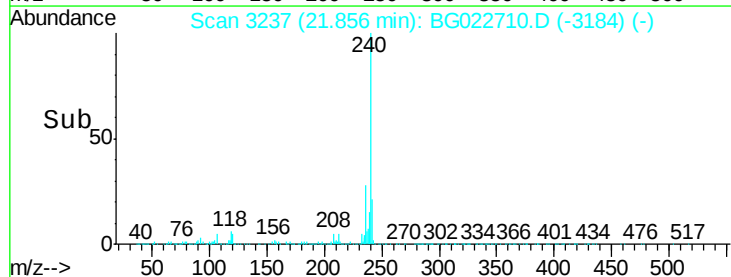
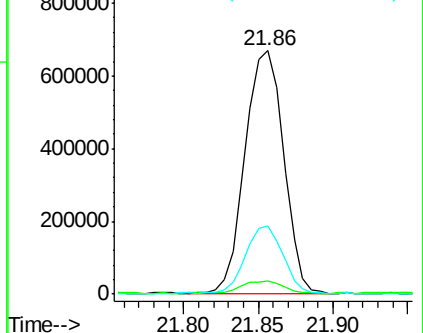
236 28.1 21.1 31.7

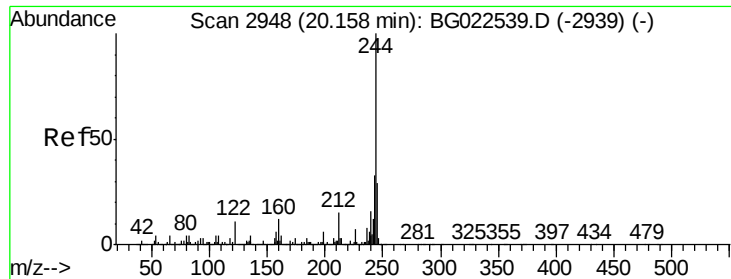


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 66.04 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG022710.D

Acq: 30 Jun 2016 1:59

Instrument :

BNA_G

ClientSampleId :

S8-0584

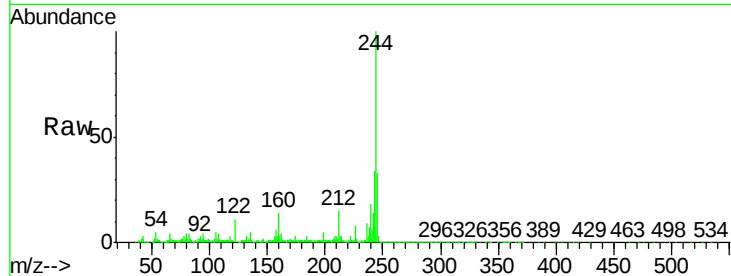
Tot Ion:244 Resp: 2975914

Ion Ratio Lower Upper

244 100

212 15.2 10.8 16.2

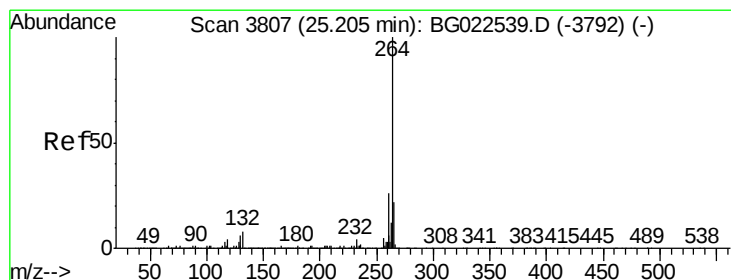
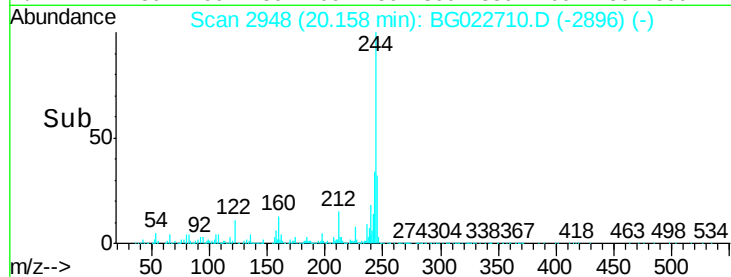
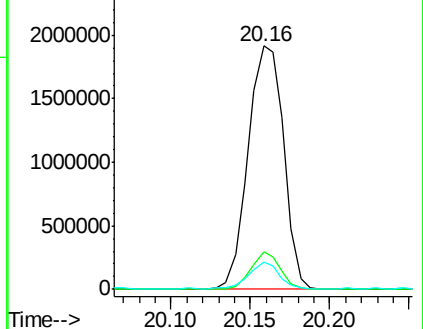
122 11.3 8.0 12.0



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: 25.22 min Scan# 3810

Delta R.T. 0.02 min

Lab File: BG022710.D

Acq: 30 Jun 2016 1:59

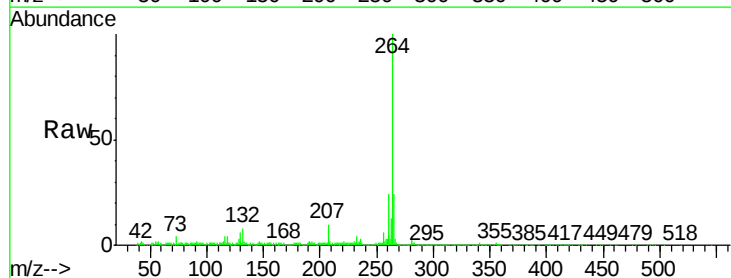
Tgt Ion:264 Resp: 1246917

Ion Ratio Lower Upper

264 100

260 24.2 18.4 27.6

265 23.8 18.9 28.3



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

