

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
 Data File : BG024582.D
 Acq On : 1 Nov 2016 8:17
 Operator : UM/SJ
 Sample : H5447-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RPC-N1

Quant Time: Nov 01 13:19:41 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:50:40 2016
 Response via : Initial Calibration

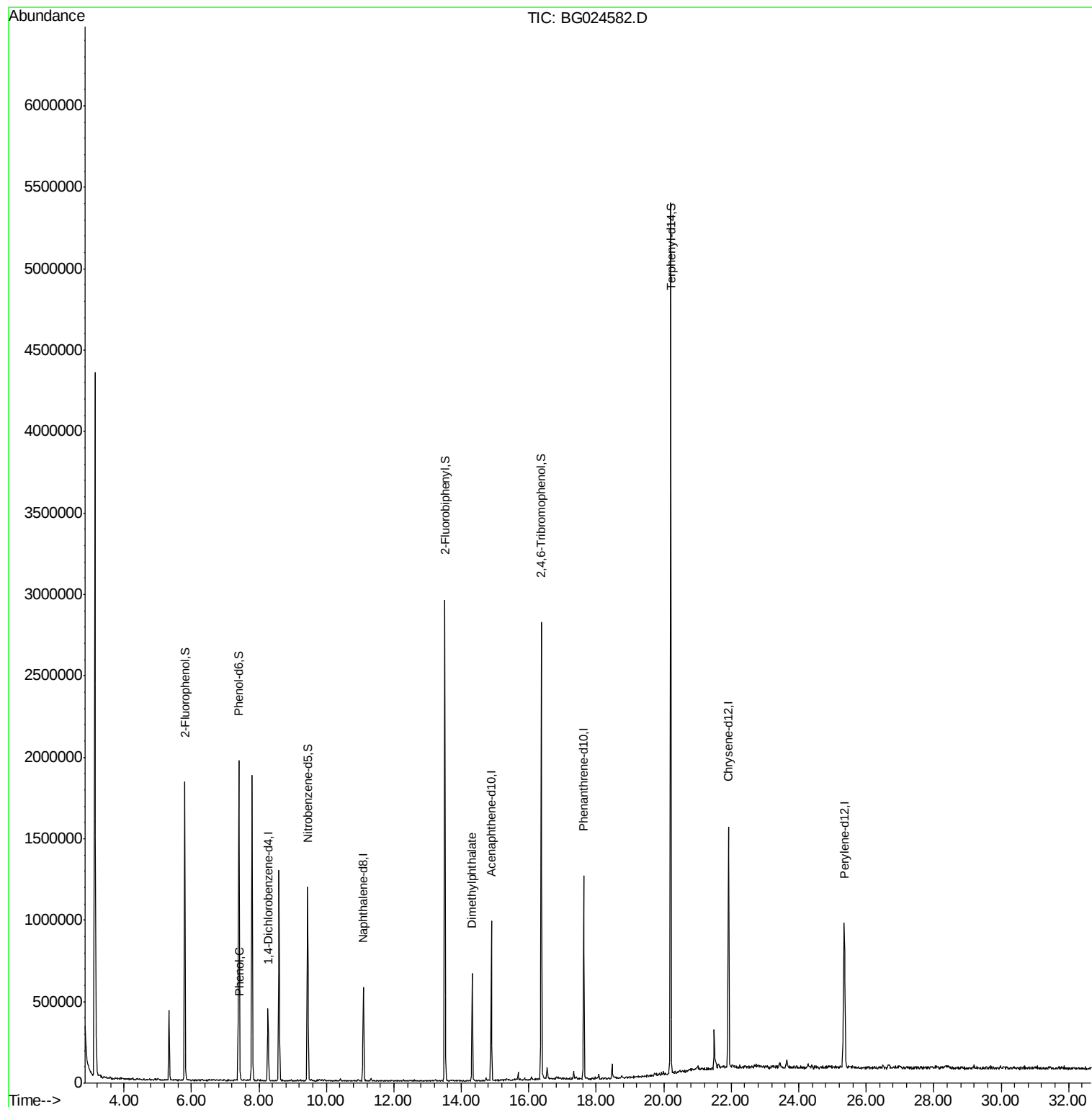
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	119640	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	465925	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	355685	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	780986	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1023747	20.00	ng	0.00
86) Perylene-d12	25.34	264	1084436	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	744990	102.06	ng	0.00
7) Phenol-d6	7.41	99	1096035	109.46	ng	0.00
23) Nitrobenzene-d5	9.44	82	748324	73.13	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	561565	105.68	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1511575	70.63	ng	0.00
78) Terphenyl-d14	20.21	244	2413586	70.45	ng	0.00
Target Compounds						
10) Phenol	7.43	94	30719	2.98	ng	85
49) Dimethylphthalate	14.32	163	402597	15.94	ng	98

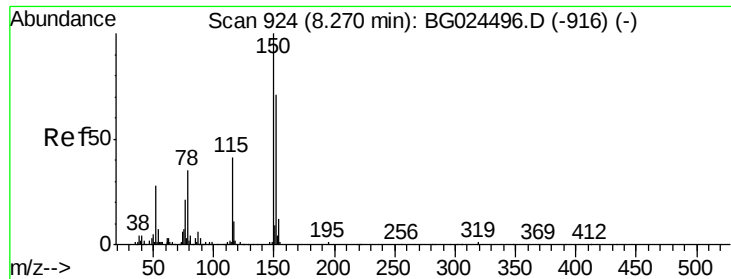
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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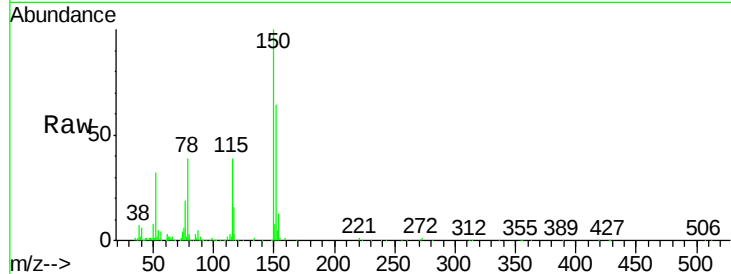


#1

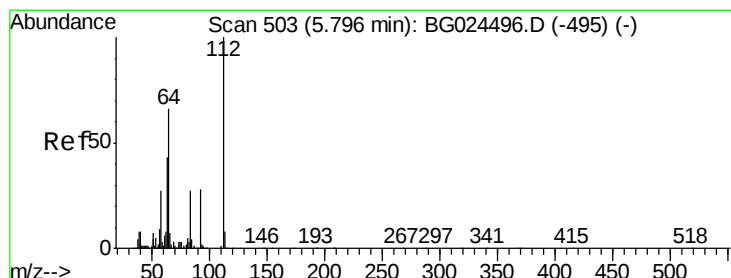
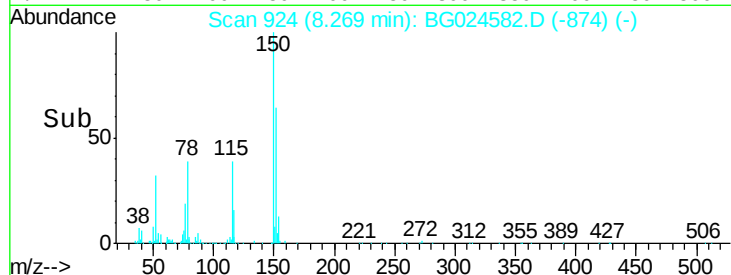
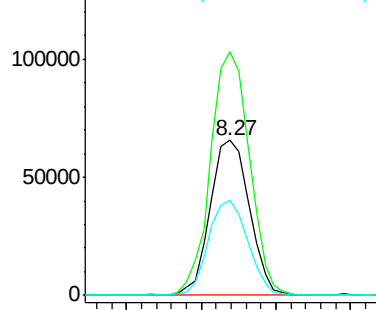
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.01 min
Lab File: BG024582.D
Acq: 1 Nov 2016 8:17

Instrument :
BNA_G
ClientSampleId :
RPC-N1

Tgt Ion:152 Resp: 119640
Ion Ratio Lower Upper
152 100
150 156.8 114.0 171.0
115 60.9 48.1 72.1



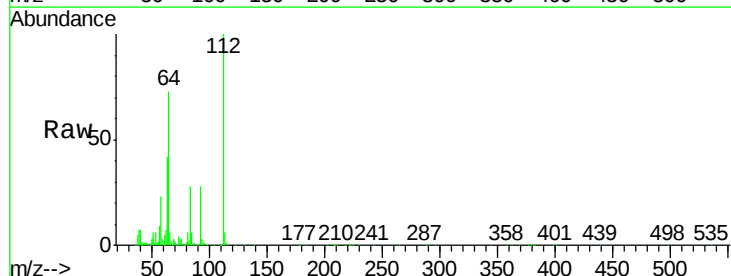
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



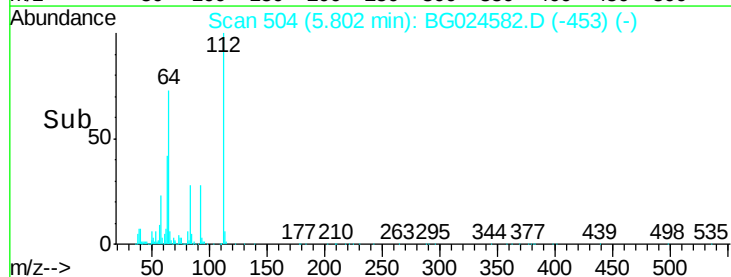
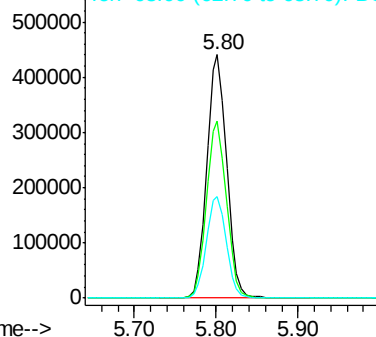
#5

2-Fluorophenol
Concen: 102.06 ng
RT: 5.80 min Scan# 504
Delta R.T. -0.00 min
Lab File: BG024582.D
Acq: 1 Nov 2016 8:17

Tgt Ion:112 Resp: 744990
Ion Ratio Lower Upper
112 100
64 72.9 61.8 92.6
63 41.7 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: 109.46 ng

RT: 7.41 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG024582.D

Acq: 1 Nov 2016 8:17

Instrument :

BNA_G

ClientSampleId :

RPC-N1

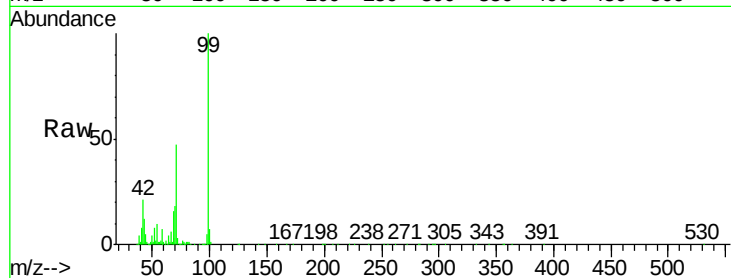
Tgt Ion: 99 Resp: 1096035

Ion Ratio Lower Upper

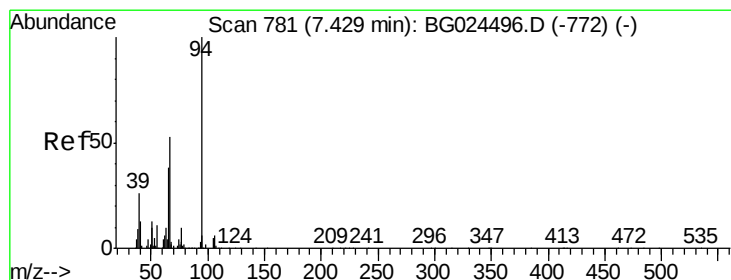
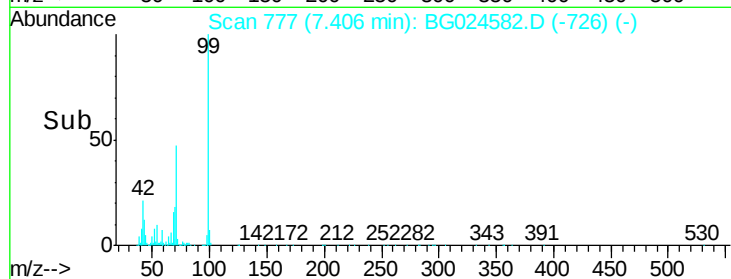
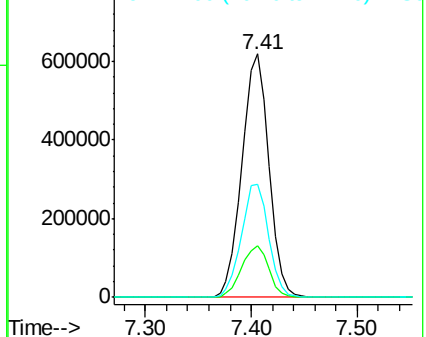
99 100

42 21.3 20.5 30.7

71 46.5 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



#10

Phenol

Concen: 2.98 ng

RT: 7.43 min Scan# 782

Delta R.T. 0.01 min

Lab File: BG024582.D

Acq: 1 Nov 2016 8:17

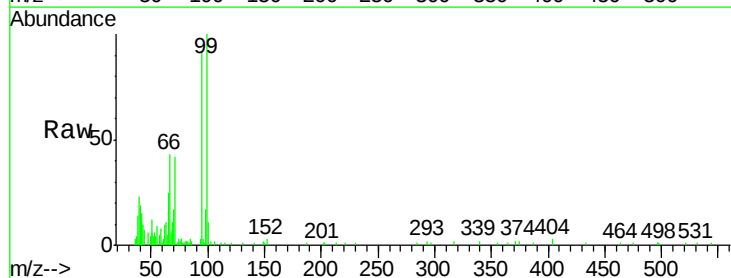
Tgt Ion: 94 Resp: 30719

Ion Ratio Lower Upper

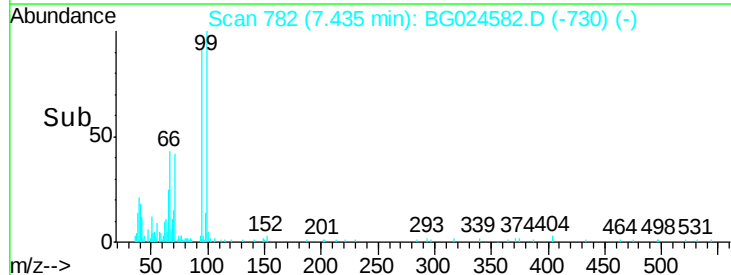
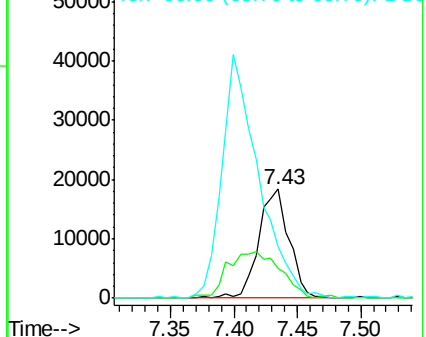
94 100

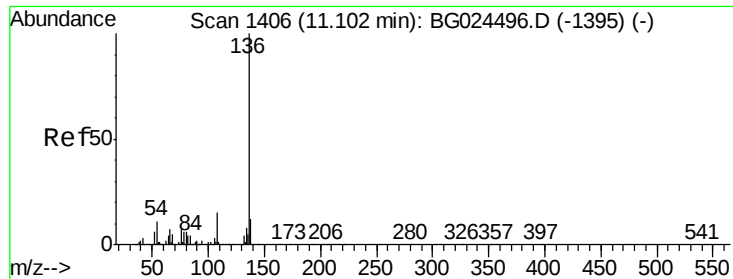
65 27.5 20.6 60.6

66 47.4 35.5 75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

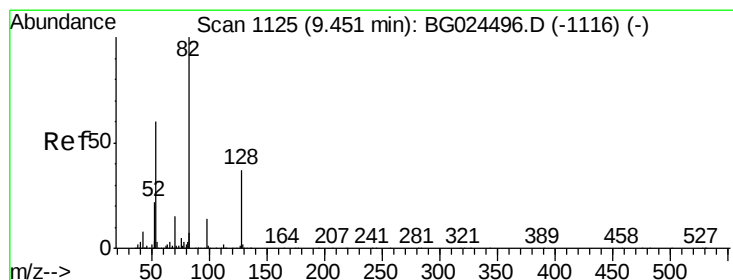
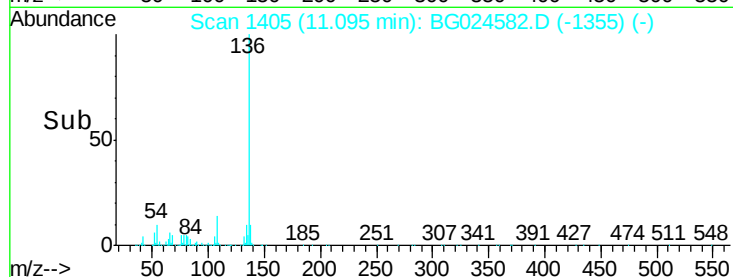
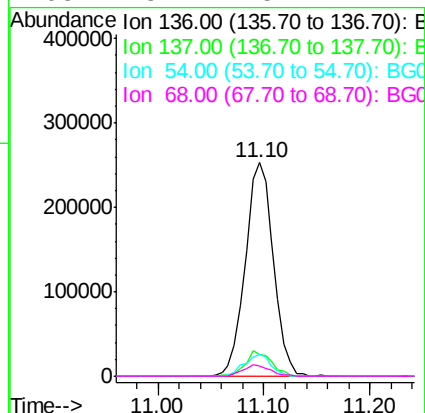
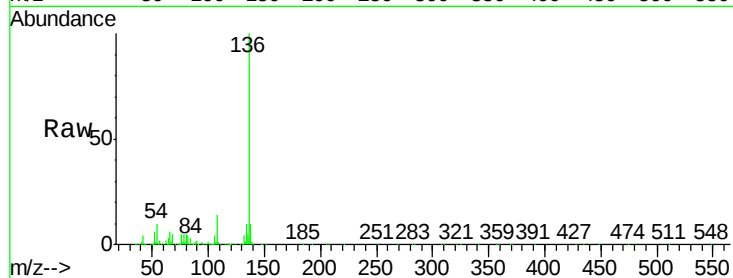




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024582.D
Acq: 1 Nov 2016 8:17

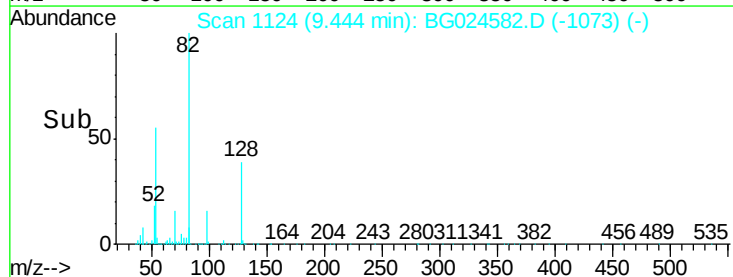
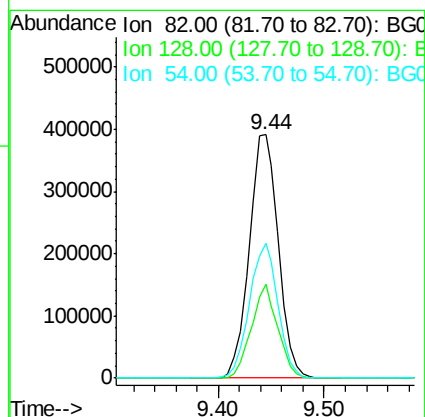
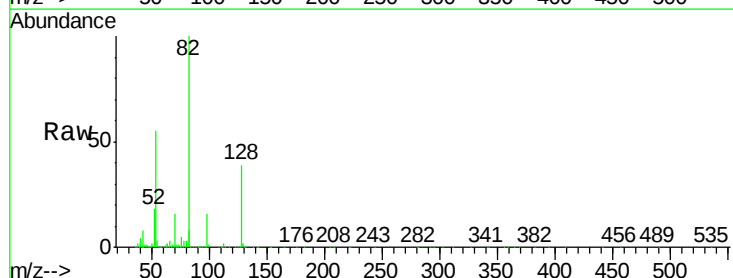
Instrument :
BNA_G
ClientSampleId :
RPC-N1

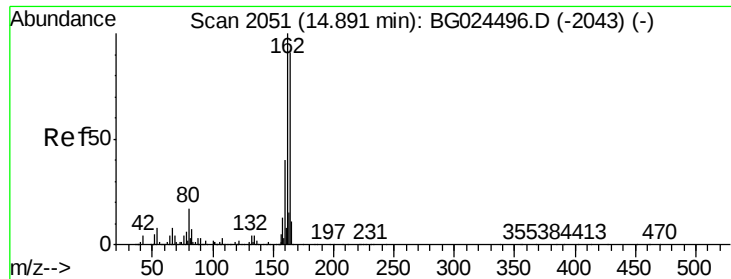
Tgt Ion:	136	Resp:	465925
Ion Ratio	Lower	Upper	
136	100		
137	10.2	8.9	13.3
54	10.5	9.3	13.9
68	5.1	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 73.13 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BG024582.D
Acq: 1 Nov 2016 8:17

Tgt Ion:	82	Resp:	748324
Ion Ratio	Lower	Upper	
82	100		
128	38.6	26.4	39.6
54	55.2	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.89 min Scan# 2050

Delta R.T. -0.00 min

Lab File: BG024582.D

Acq: 1 Nov 2016 8:17

Instrument :

BNA_G

ClientSampleId :

RPC-N1

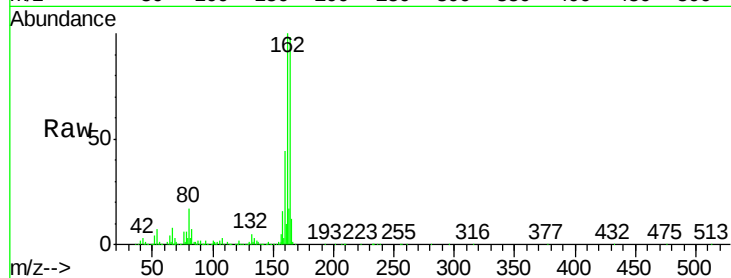
Tgt Ion:164 Resp: 355685

Ion Ratio Lower Upper

164 100

162 102.2 85.1 127.7

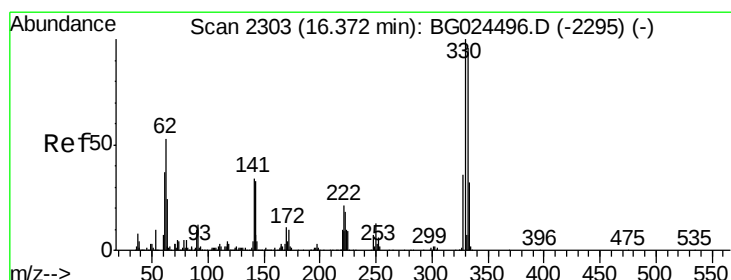
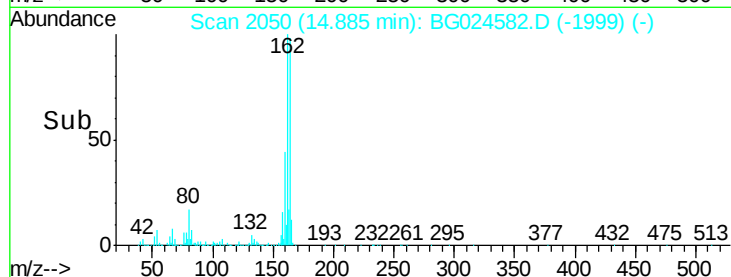
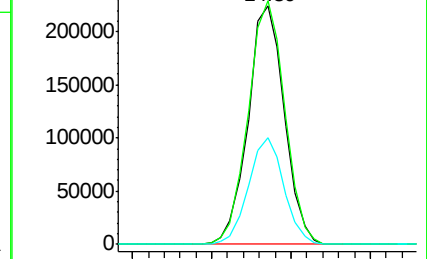
160 45.0 34.7 52.1



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: 105.68 ng

RT: 16.37 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024582.D

Acq: 1 Nov 2016 8:17

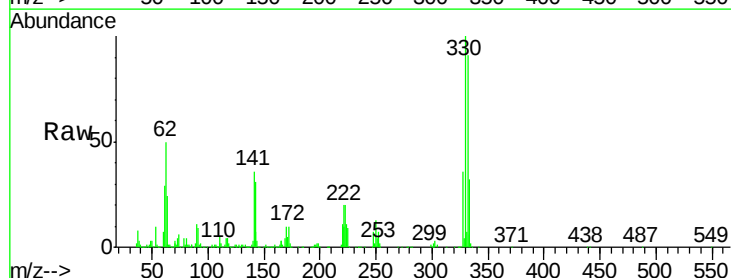
Tgt Ion:330 Resp: 561565

Ion Ratio Lower Upper

330 100

332 93.4 77.3 115.9

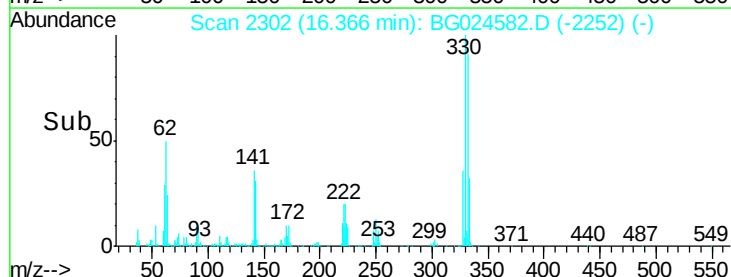
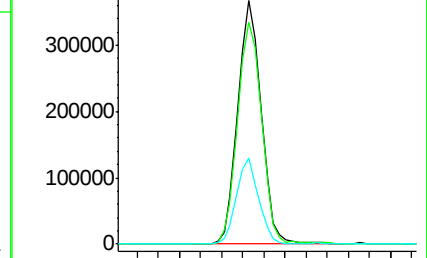
141 33.3 32.1 48.1

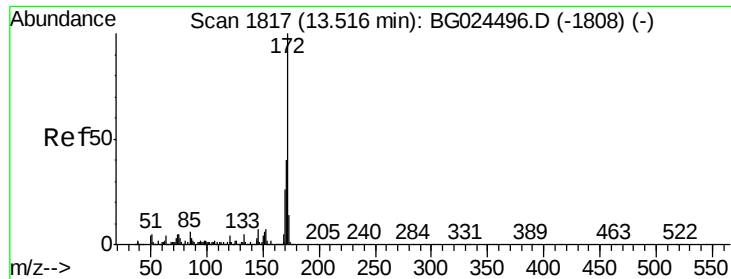


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 70.63 ng

RT: 13.51 min Scan# 1816

Delta R.T. -0.00 min

Lab File: BG024582.D

Acq: 1 Nov 2016 8:17

Instrument :

BNA_G

ClientSampleId :

RPC-N1

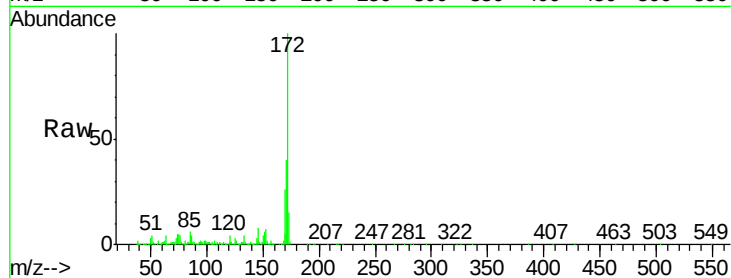
Tgt Ion:172 Resp: 1511575

Ion Ratio Lower Upper

172 100

171 39.5 32.2 48.2

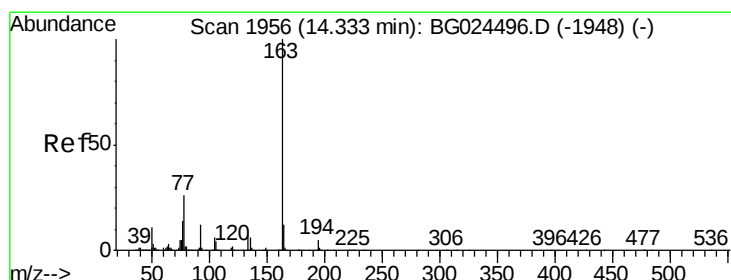
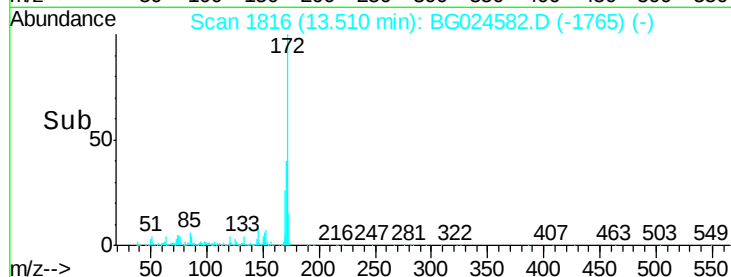
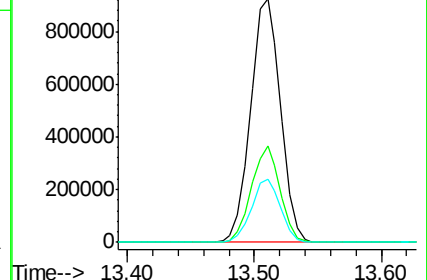
170 26.1 21.8 32.6



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



#49

Dimethylphthalate

Concen: 15.94 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG024582.D

Acq: 1 Nov 2016 8:17

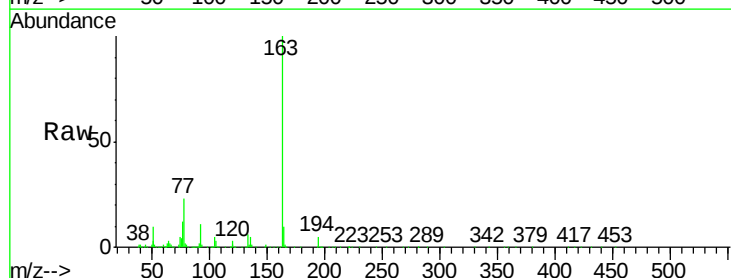
Tgt Ion:163 Resp: 402597

Ion Ratio Lower Upper

163 100

194 4.9 3.8 5.6

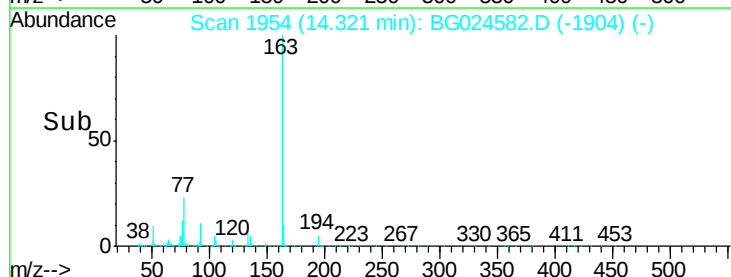
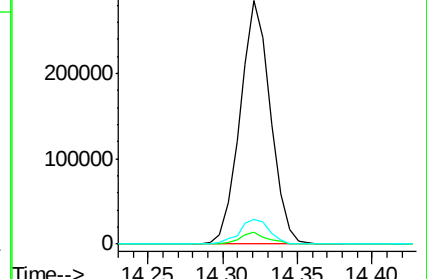
164 10.3 9.3 13.9

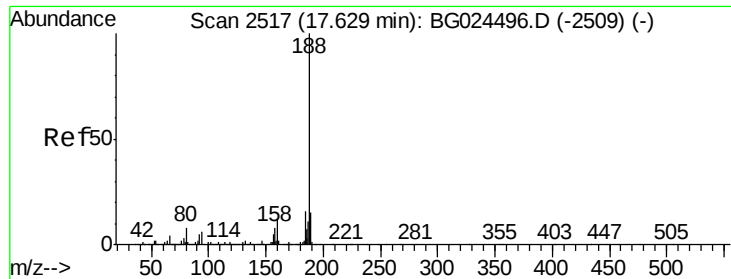


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.62 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BG024582.D

Acq: 1 Nov 2016 8:17

Instrument :

BNA_G

ClientSampleId :

RPC-N1

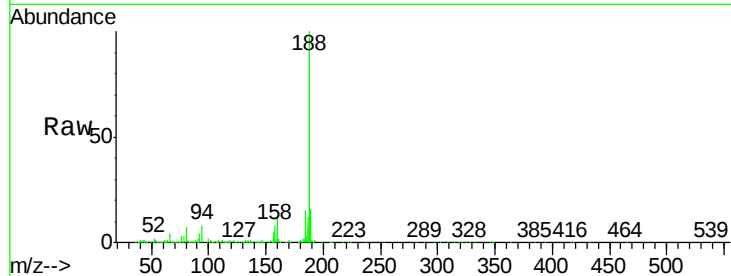
Tgt Ion:188 Resp: 780986

Ion Ratio Lower Upper

188 100

94 7.6 5.8 8.8

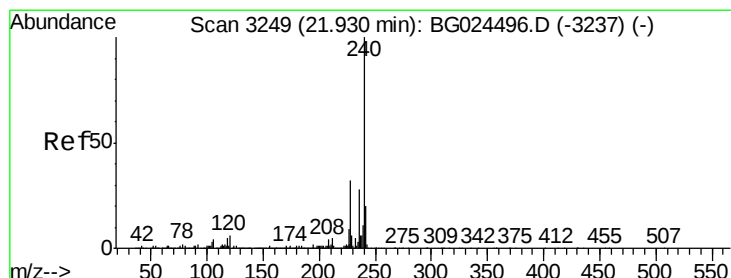
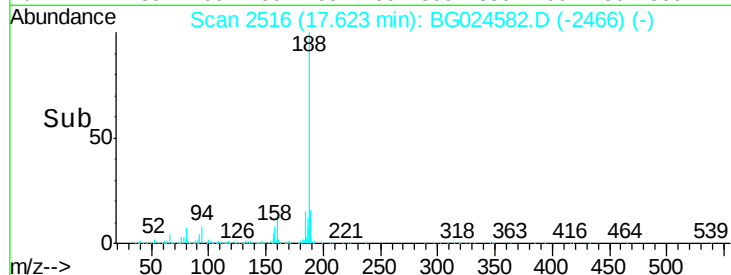
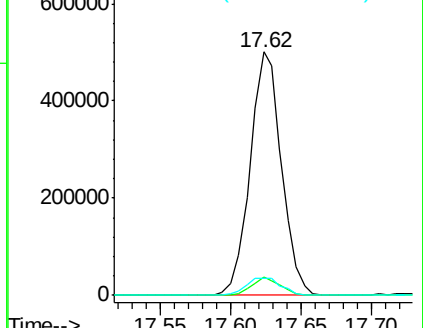
80 6.8 7.5 11.3#



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: 21.92 min Scan# 3247

Delta R.T. -0.01 min

Lab File: BG024582.D

Acq: 1 Nov 2016 8:17

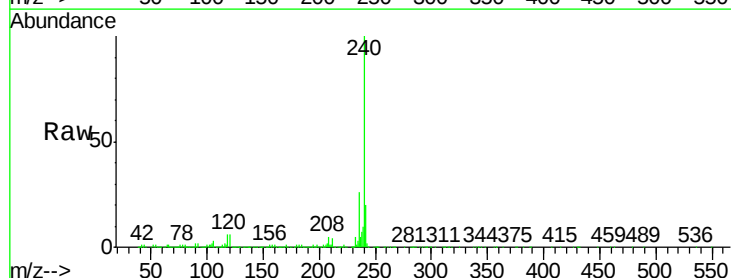
Tgt Ion:240 Resp: 1023747

Ion Ratio Lower Upper

240 100

120 5.5 5.7 8.5#

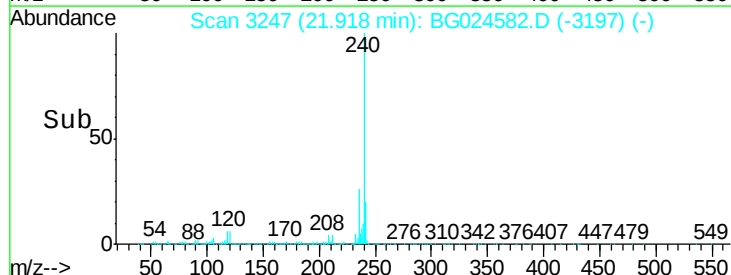
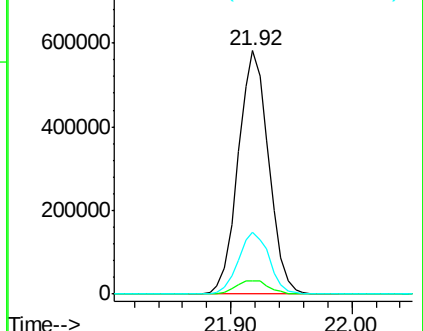
236 25.5 22.2 33.4

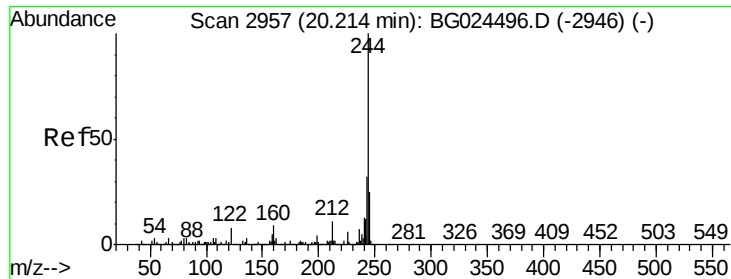


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 70.45 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.00 min

Lab File: BG024582.D

Acq: 1 Nov 2016 8:17

Instrument :

BNA_G

ClientSampleId :

RPC-N1

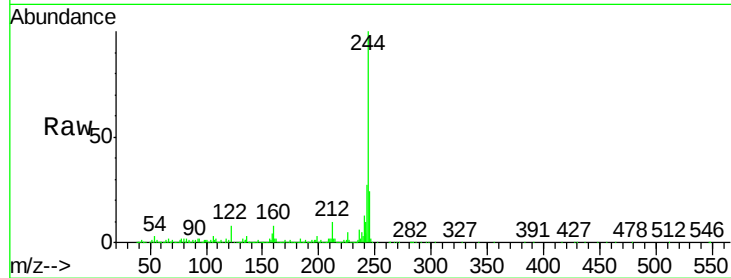
Tgt Ion:244 Resp: 2413586

Ion Ratio Lower Upper

244 100

212 9.7 10.0 15.0#

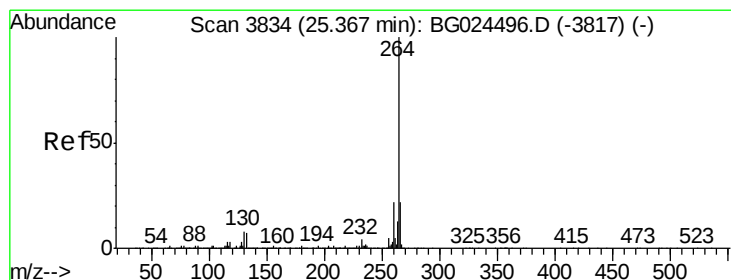
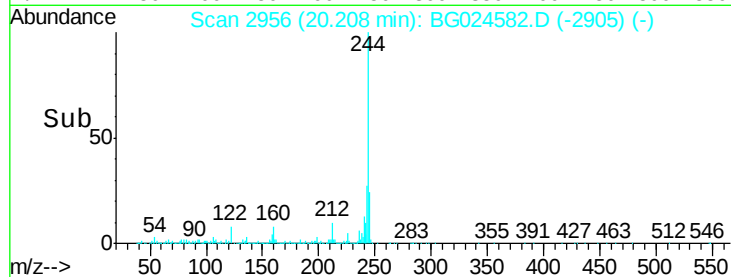
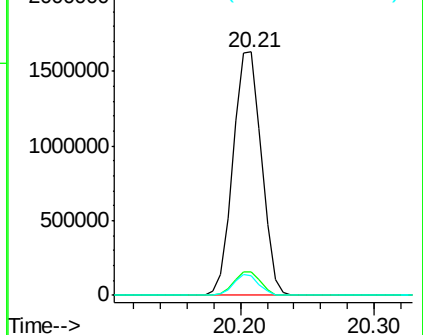
122 8.2 8.6 12.8#



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: 25.34 min Scan# 3830

Delta R.T. -0.02 min

Lab File: BG024582.D

Acq: 1 Nov 2016 8:17

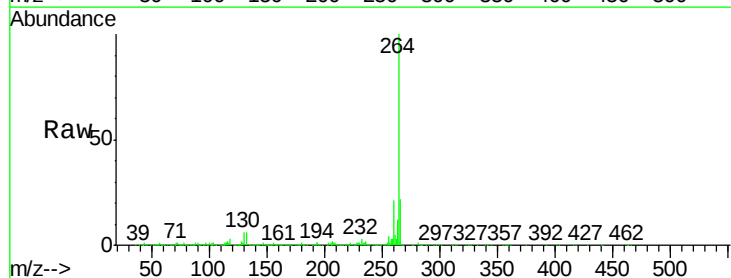
Tgt Ion:264 Resp: 1084436

Ion Ratio Lower Upper

264 100

260 21.1 21.8 32.8#

265 22.3 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

