

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102516\
 Data File : BG024507.D
 Acq On : 25 Oct 2016 21:25
 Operator : UM/SJ
 Sample : H5384-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20161021-DS-AMBIENT-M

Quant Time: Oct 26 02:27:24 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 25 17:25:08 2016
 Response via : Initial Calibration

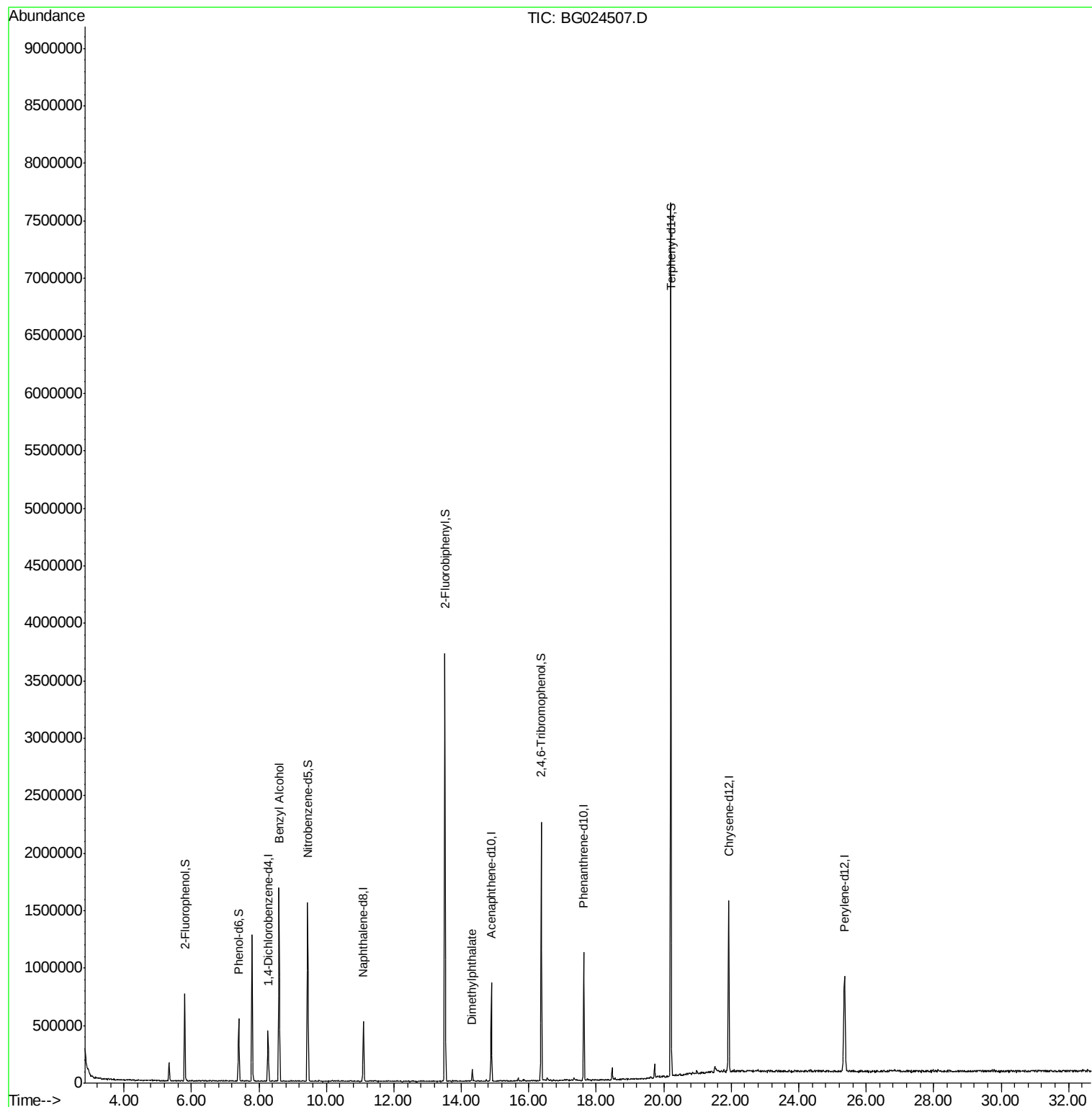
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	114714	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	424575	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	308503	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	705326	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1017331	20.00	ng	0.00
86) Perylene-d12	25.36	264	1075149	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	294403	42.06	ng	0.00
7) Phenol-d6	7.40	99	286098	29.80	ng	0.00
23) Nitrobenzene-d5	9.45	82	924327	99.12	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	432058	93.74	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1820449	98.08	ng	0.00
78) Terphenyl-d14	20.21	244	3065849	90.05	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.59	79	18092	2.03	ng	# 48
49) Dimethylphthalate	14.32	163	56815	2.59	ng	# 95

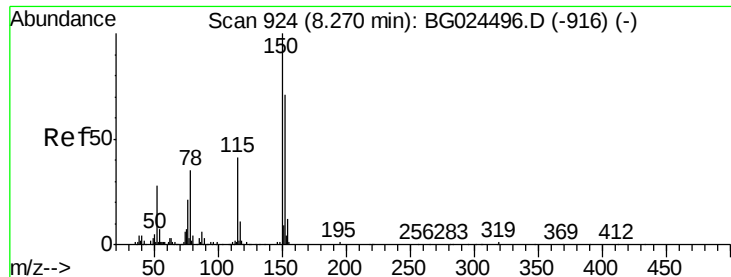
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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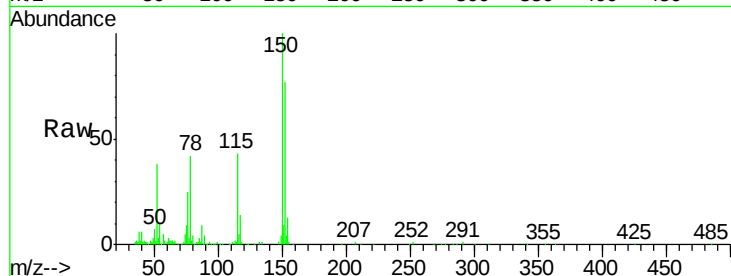


#1

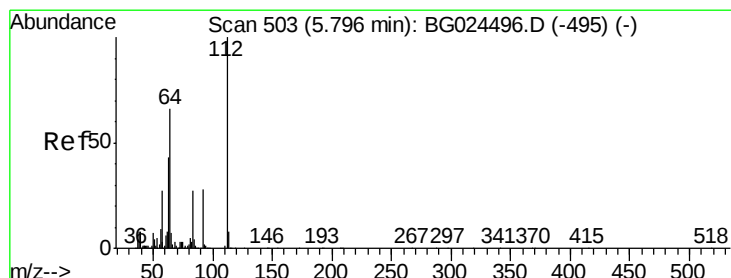
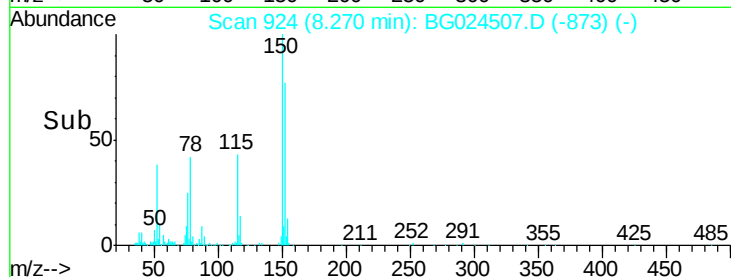
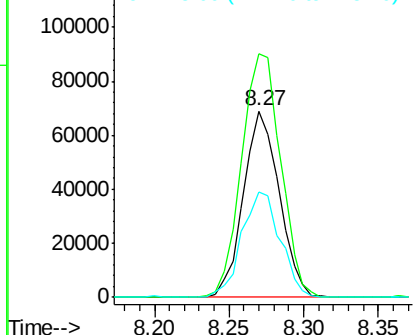
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. 0.00 min
Lab File: BG024507.D
Acq: 25 Oct 2016 21:25

Instrument :
BNA_G
ClientSampleId :
20161021-DS-AMBIENT-M

Tgt Ion	Ratio	Lower	Upper
152	100		
150	130.5	114.0	171.0
115	56.6	48.1	72.1



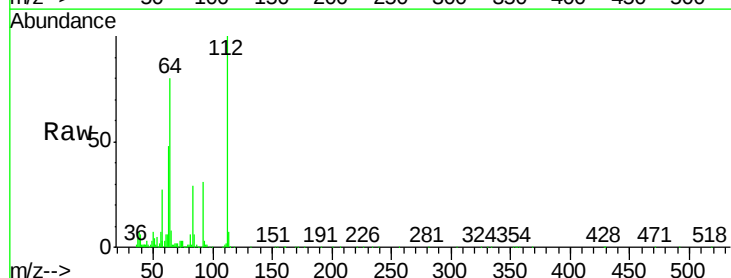
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



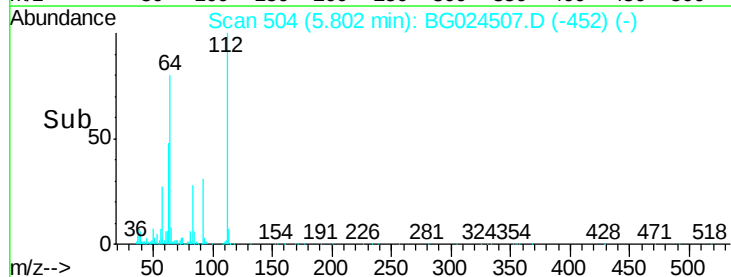
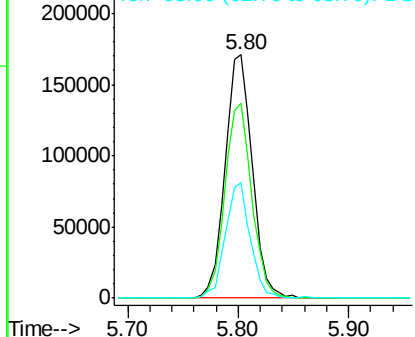
#5

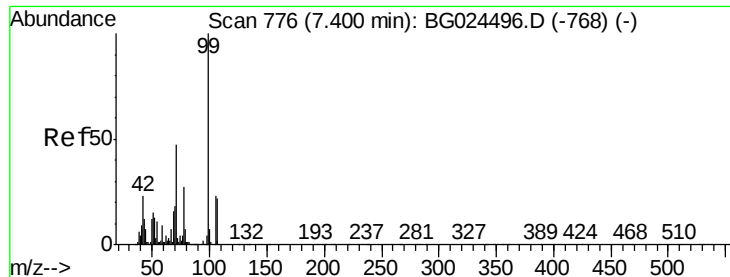
2-Fluorophenol
Concen: 42.06 ng
RT: 5.80 min Scan# 504
Delta R.T. 0.01 min
Lab File: BG024507.D
Acq: 25 Oct 2016 21:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	80.3	61.8	92.6
63	47.7	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: 29.80 ng

RT: 7.40 min Scan# 776

Delta R.T. 0.00 min

Lab File: BG024507.D

Acq: 25 Oct 2016 21:25

Instrument :

BNA_G

ClientSampleId :

20161021-DS-AMBIENT-M

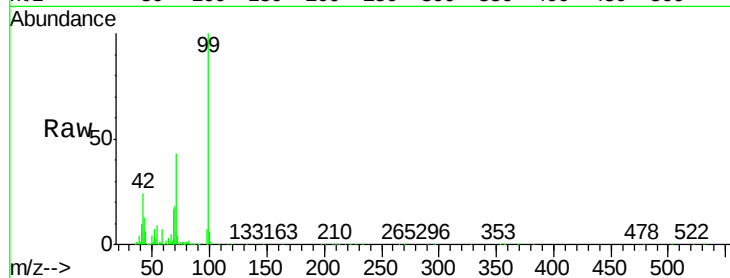
Tgt Ion: 99 Resp: 286098

Ion Ratio Lower Upper

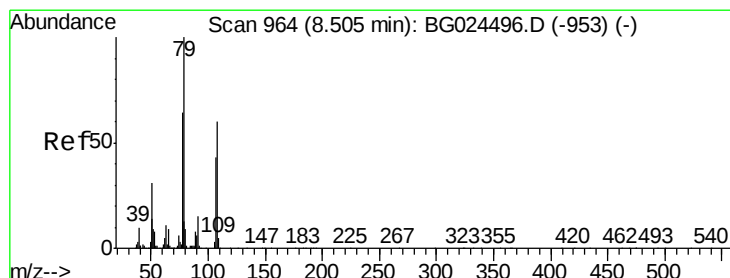
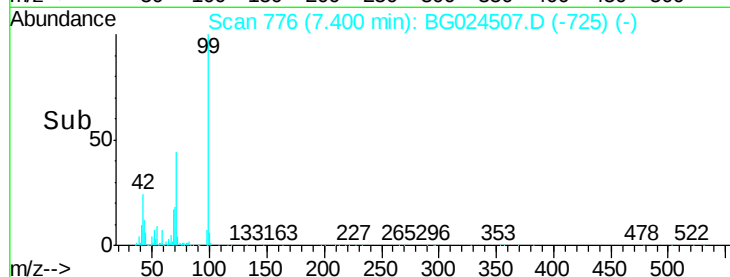
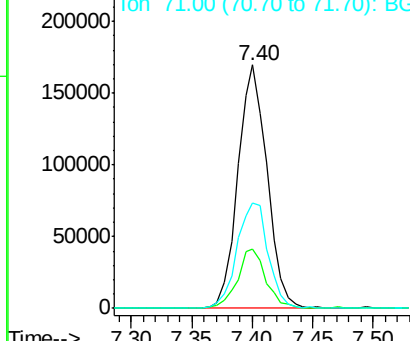
99 100

42 24.3 20.5 30.7

71 43.5 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



#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 8.59 min Scan# 979

Delta R.T. 0.09 min

Lab File: BG024507.D

Acq: 25 Oct 2016 21:25

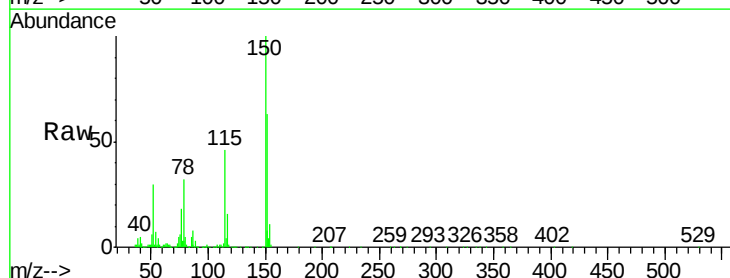
Tgt Ion: 79 Resp: 18092

Ion Ratio Lower Upper

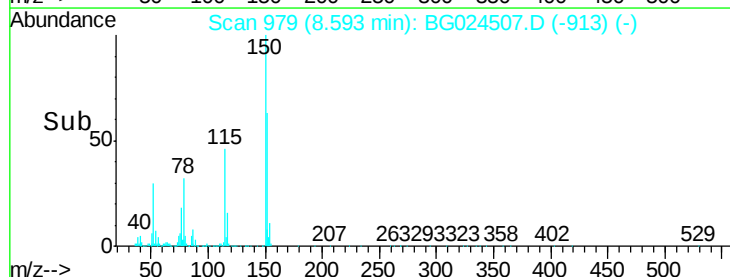
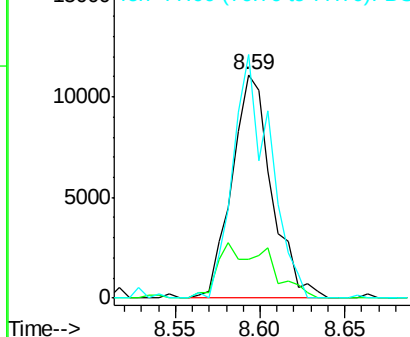
79 100

108 17.3 45.5 68.3#

77 108.9 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

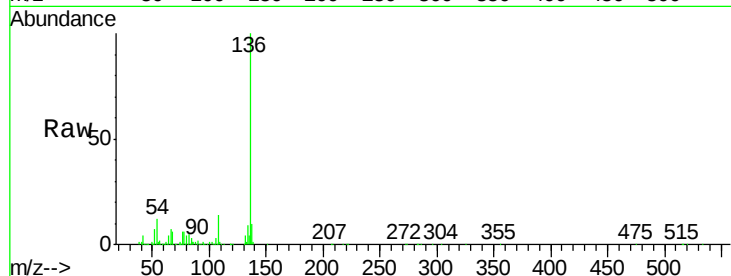




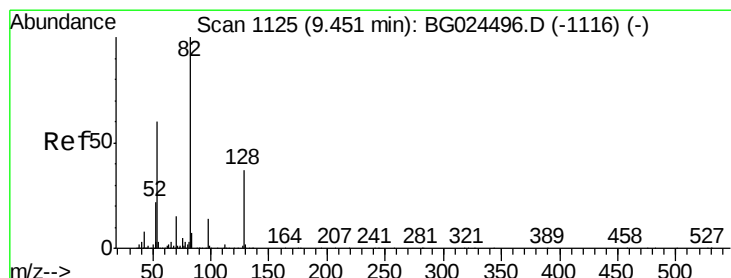
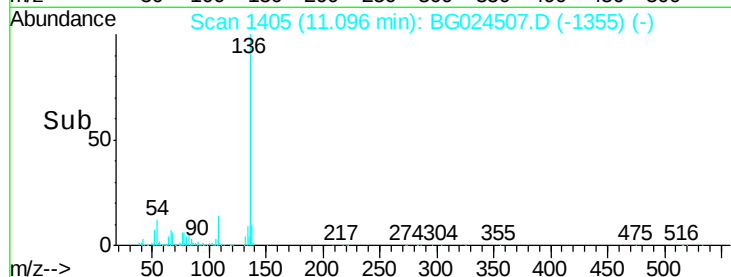
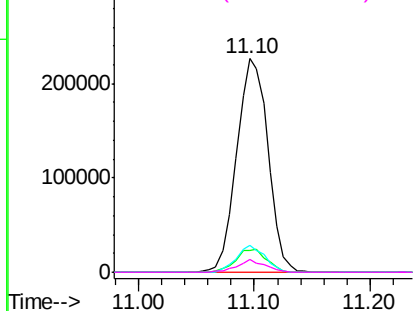
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024507.D
Acq: 25 Oct 2016 21:25

Instrument :
BNA_G
ClientSampleId :
20161021-DS-AMBIENT-M

Tgt Ion:	136	Resp:	424575
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	12.3	9.3	13.9
68	6.2	5.1	7.7

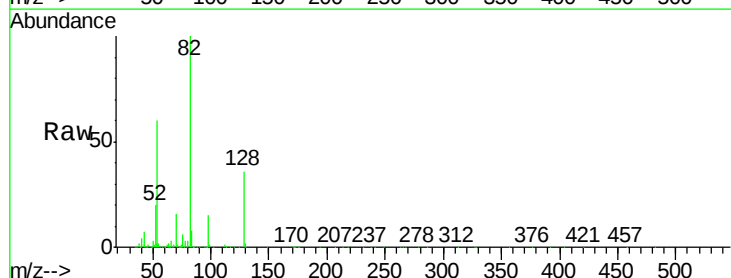


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

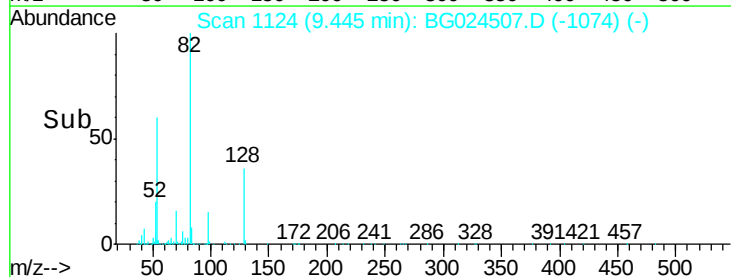
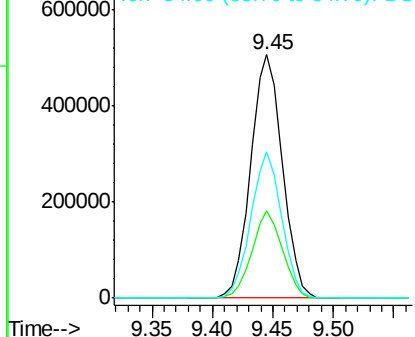


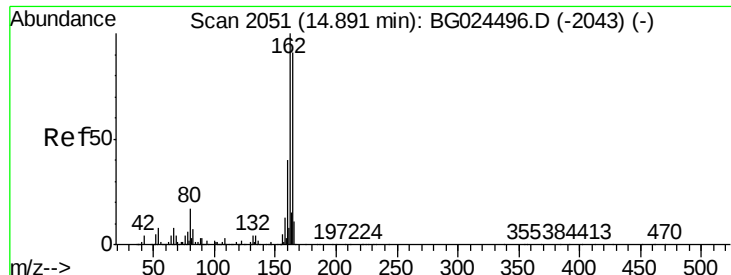
#23
Nitrobenzene-d5
Concen: 99.12 ng
RT: 9.45 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024507.D
Acq: 25 Oct 2016 21:25

Tgt Ion:	82	Resp:	924327
Ion	Ratio	Lower	Upper
82	100		
128	36.1	26.4	39.6
54	59.9	49.4	74.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.89 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG024507.D

Acq: 25 Oct 2016 21:25

Instrument :

BNA_G

ClientSampleId :

20161021-DS-AMBIENT-M

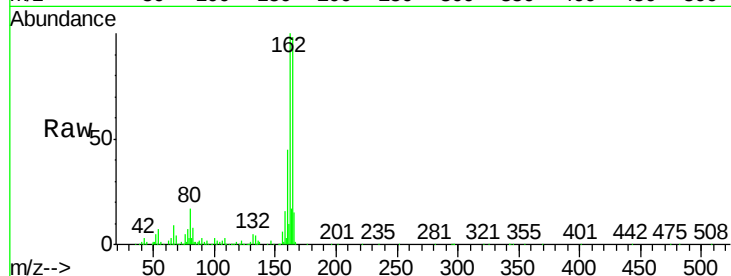
Tgt Ion:164 Resp: 308503

Ion Ratio Lower Upper

164 100

162 101.7 85.1 127.7

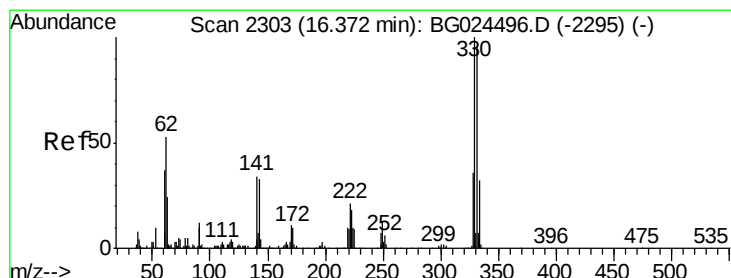
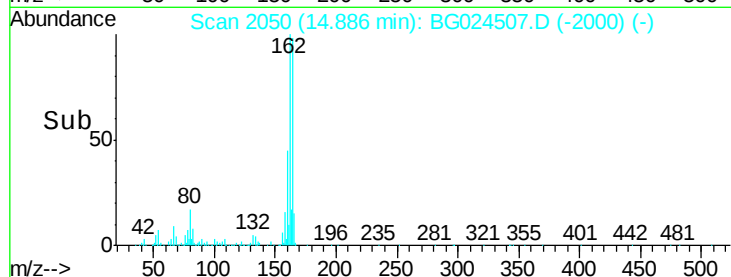
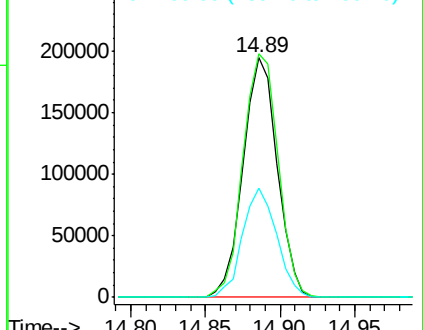
160 45.7 34.7 52.1



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: 93.74 ng

RT: 16.37 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024507.D

Acq: 25 Oct 2016 21:25

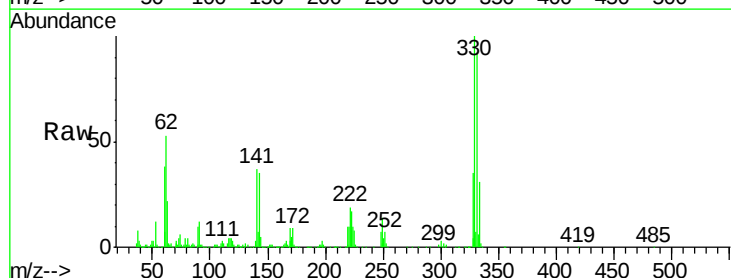
Tgt Ion:330 Resp: 432058

Ion Ratio Lower Upper

330 100

332 94.2 77.3 115.9

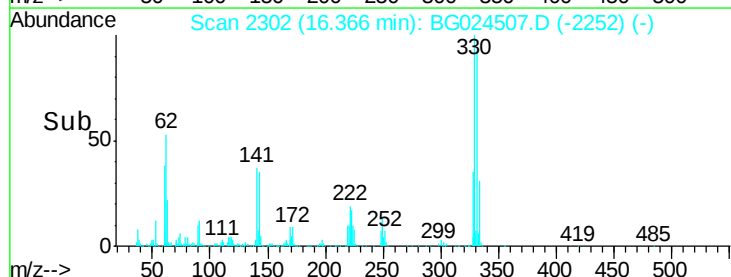
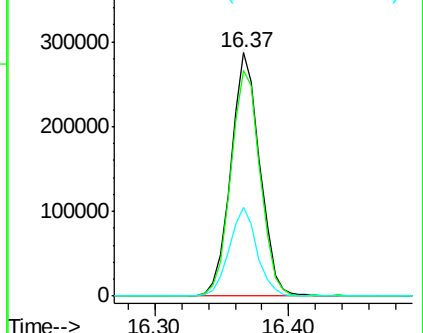
141 35.4 32.1 48.1

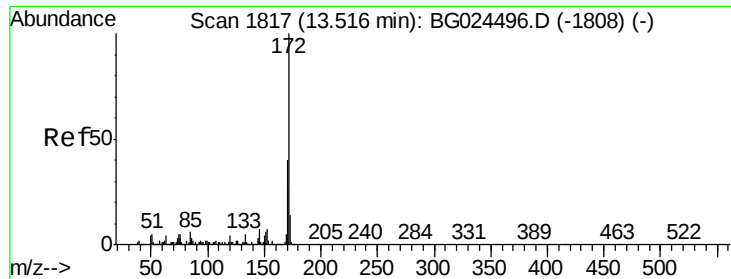


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

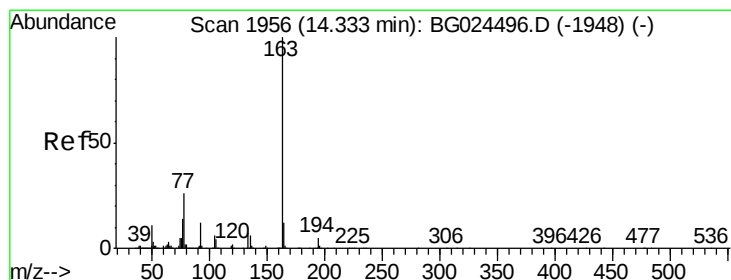
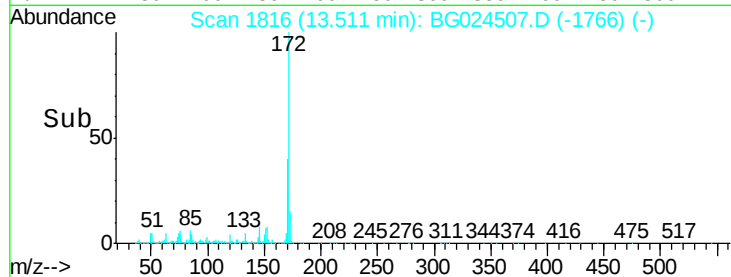
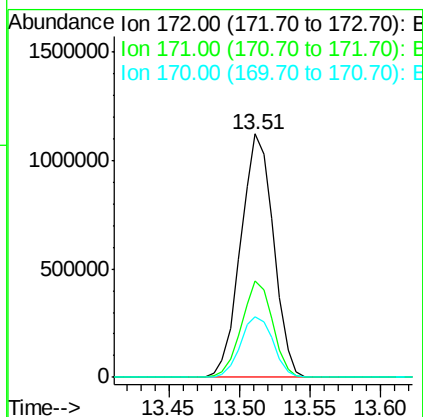
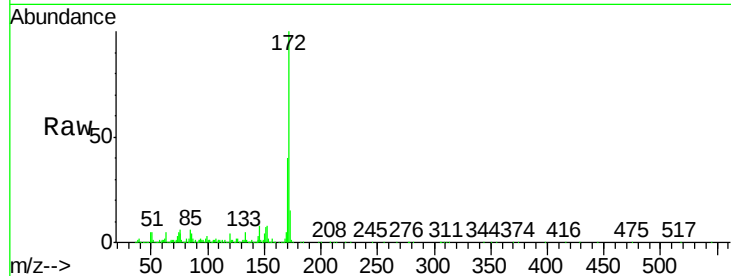




#44
2-Fluorobiphenyl
Concen: 98.08 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024507.D
Acq: 25 Oct 2016 21:25

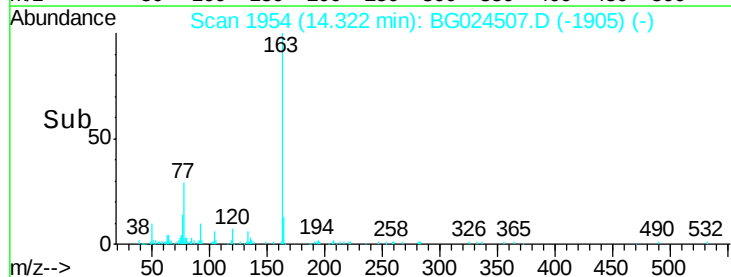
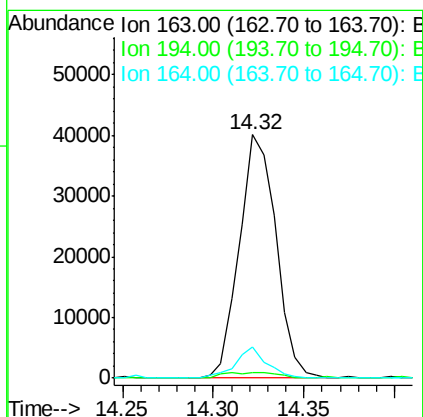
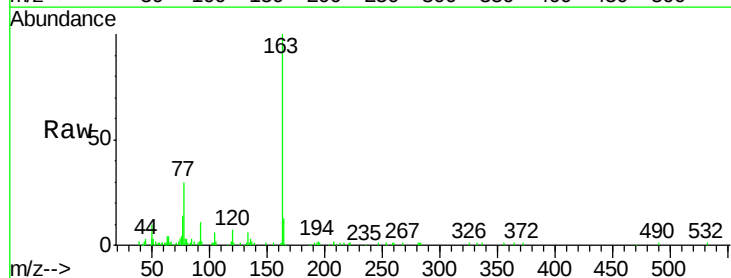
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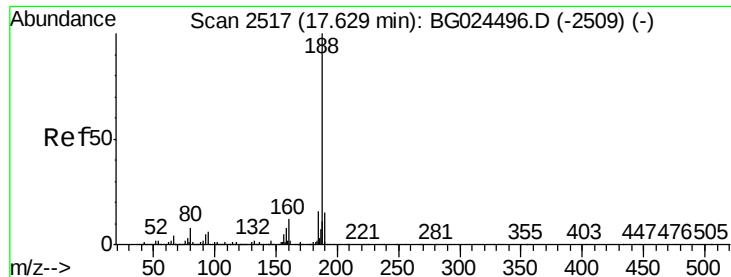
Tgt Ion:172 Resp: 1820449
Ion Ratio Lower Upper
172 100
171 39.8 32.2 48.2
170 25.1 21.8 32.6



#49
Dimethylphthalate
Concen: 2.59 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG024507.D
Acq: 25 Oct 2016 21:25

Tgt Ion:163 Resp: 56815
Ion Ratio Lower Upper
163 100
194 2.5 3.8 5.6#
164 13.0 9.3 13.9

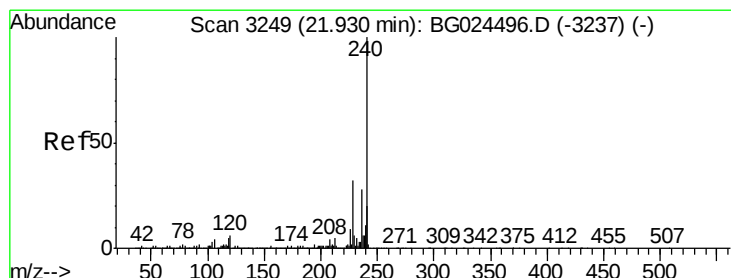
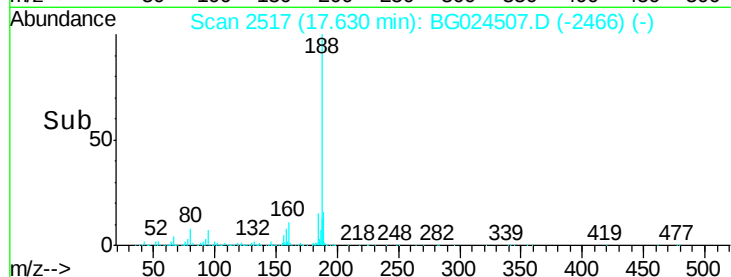
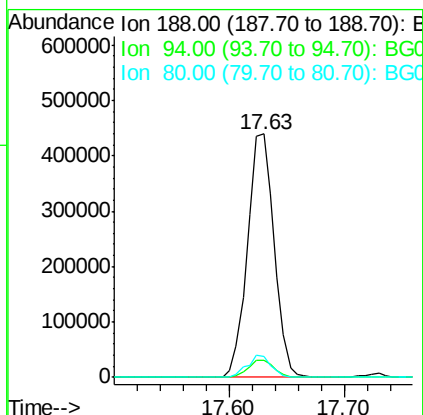
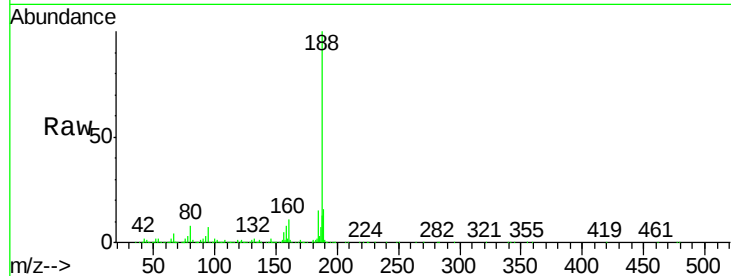




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. 0.00 min
Lab File: BG024507.D
Acq: 25 Oct 2016 21:25

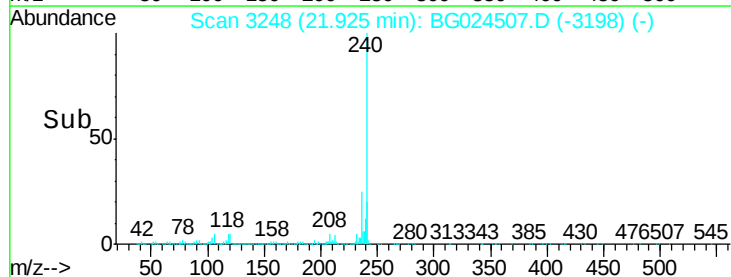
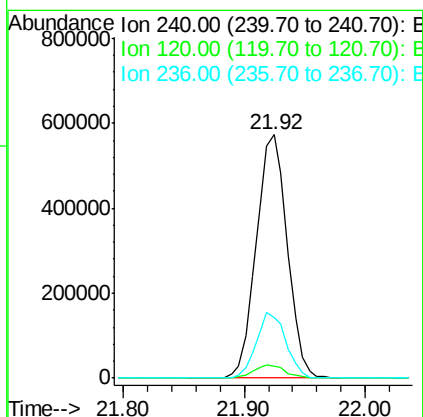
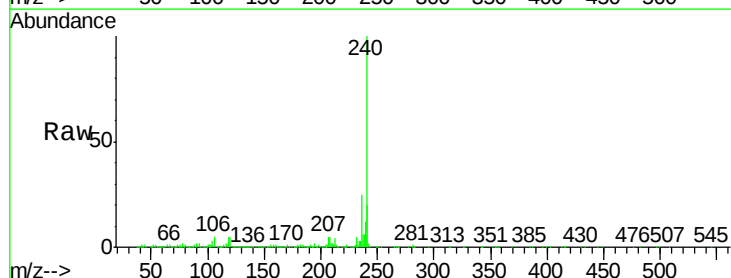
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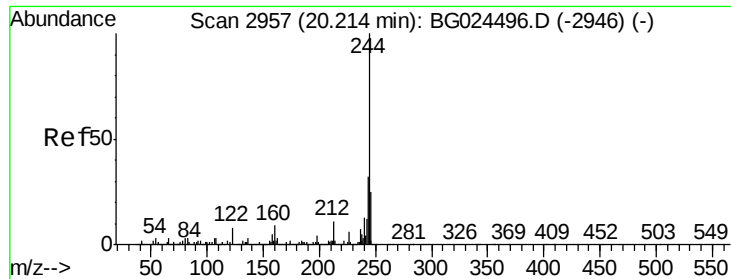
Tgt Ion:188 Resp: 705326
Ion Ratio Lower Upper
188 100
94 6.8 5.8 8.8
80 8.5 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BG024507.D
Acq: 25 Oct 2016 21:25

Tgt Ion:240 Resp: 1017331
Ion Ratio Lower Upper
240 100
120 5.0 5.7 8.5#
236 24.9 22.2 33.4





#78

Terphenyl-d14

Concen: 90.05 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024507.D

Acq: 25 Oct 2016 21:25

Instrument :

BNA_G

ClientSampleId :

20161021-DS-AMBIENT-M

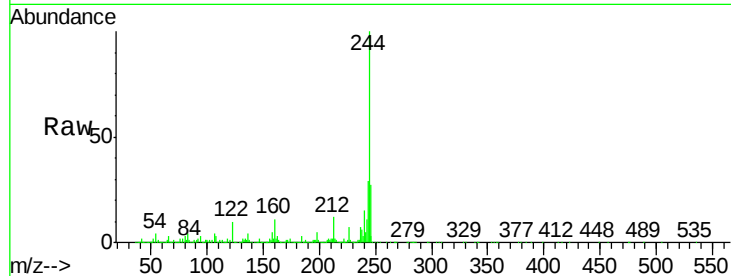
Tgt Ion:244 Resp: 3065849

Ion Ratio Lower Upper

244 100

212 11.7 10.0 15.0

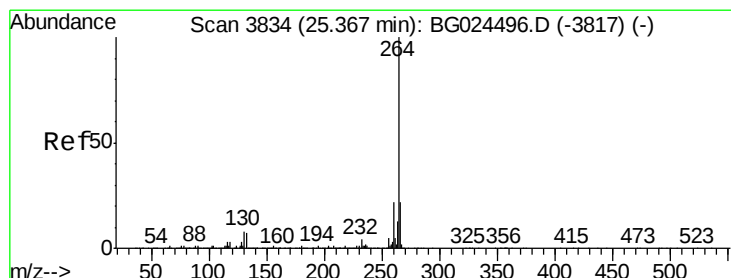
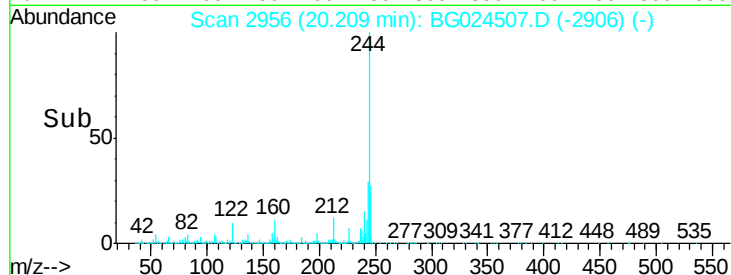
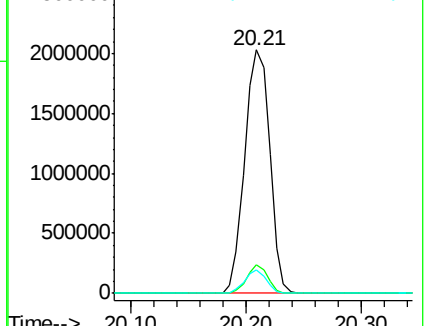
122 9.8 8.6 12.8



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: 25.36 min Scan# 3832

Delta R.T. -0.01 min

Lab File: BG024507.D

Acq: 25 Oct 2016 21:25

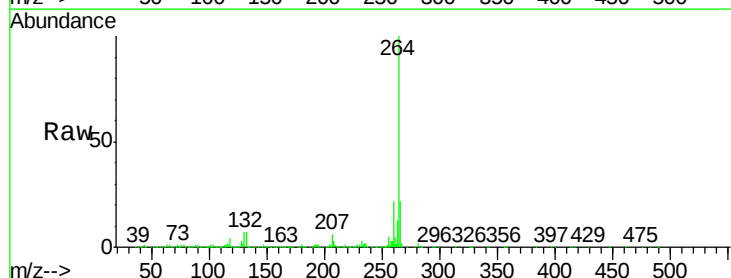
Tgt Ion:264 Resp: 1075149

Ion Ratio Lower Upper

264 100

260 22.2 21.8 32.8

265 22.0 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

