

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090616\
 Data File : BG023953.D
 Acq On : 6 Sep 2016 18:50
 Operator : UM/SJ
 Sample : H4684-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 2

Instrument :
 BNA_G
 ClientSampleId :
 DSN001

Quant Time: Sep 07 00:46:30 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 20:05:47 2016
 Response via : Initial Calibration

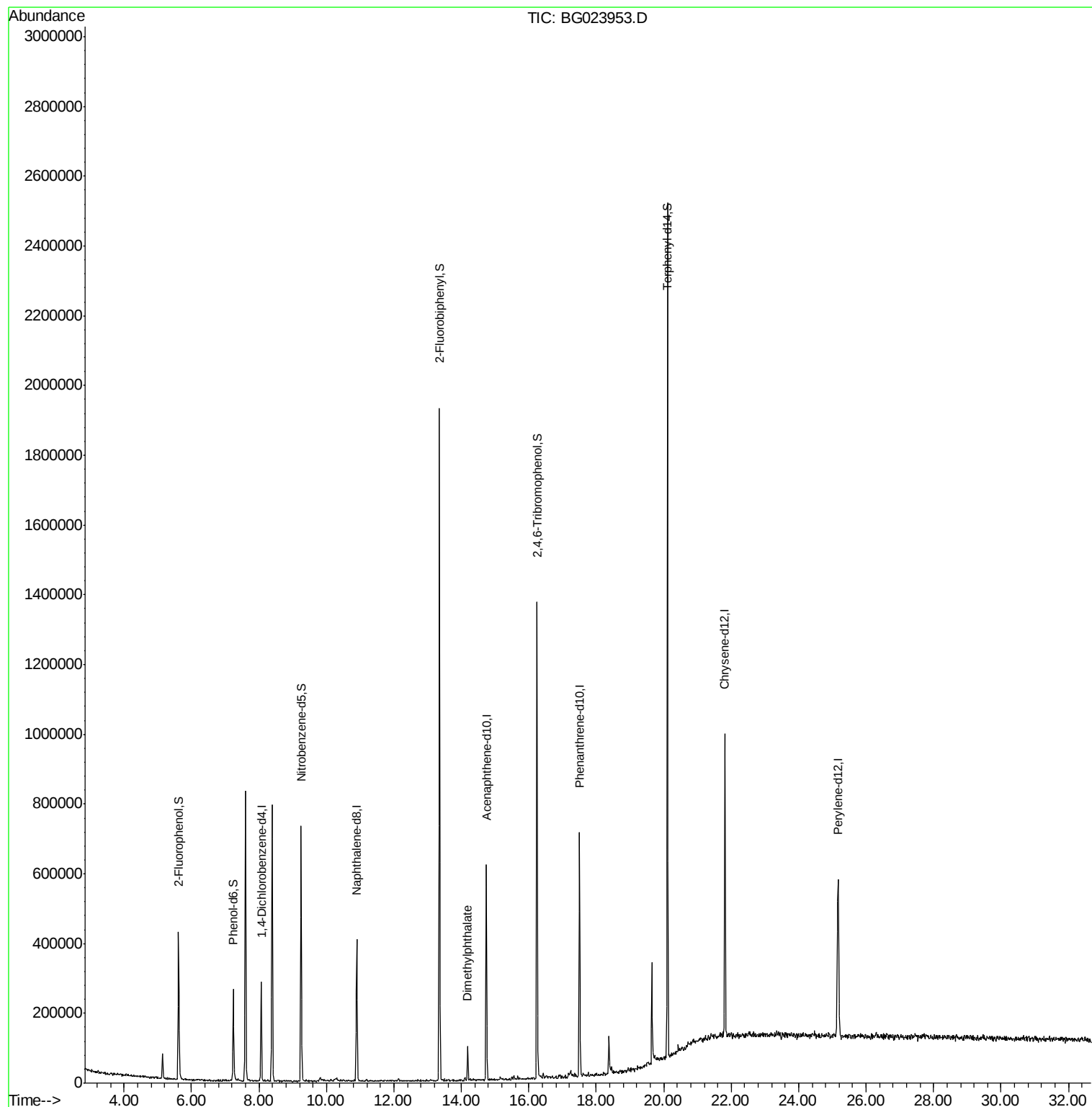
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	65331	40.00	ng	-0.02
21) Naphthalene-d8	10.90	136	304553	40.00	ng	-0.03
38) Acenaphthene-d10	14.74	164	200531	40.00	ng	-0.02
63) Phenanthrene-d10	17.51	188	414325	40.00	ng	-0.02
75) Chrysene-d12	21.81	240	529283	40.00	ng	-0.03
86) Perylene-d12	25.17	264	535869	40.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	160141	86.07	ng	-0.03
7) Phenol-d6	7.23	99	146179	51.04	ng	-0.03
23) Nitrobenzene-d5	9.25	82	441822	129.53	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	254134	140.68	ng	-0.02
44) 2-Fluorobiphenyl	13.35	172	909184	130.01	ng	-0.03
78) Terphenyl-d14	20.11	244	1037320	89.27	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.38	79	8635	3.42	ng	# 80
49) Dimethylphthalate	14.19	163	56932	6.62	ng	# 94

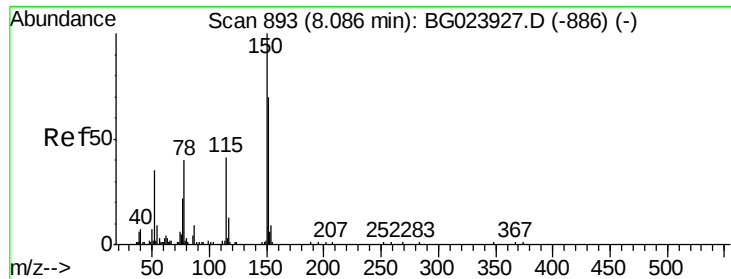
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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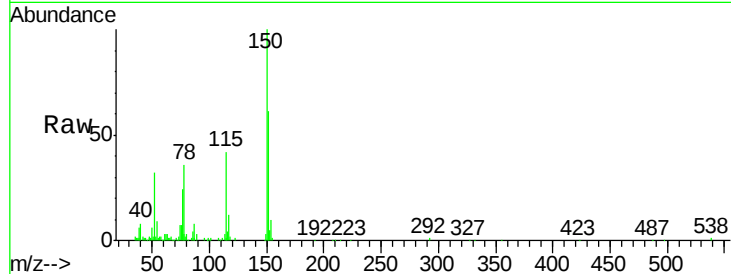


#1

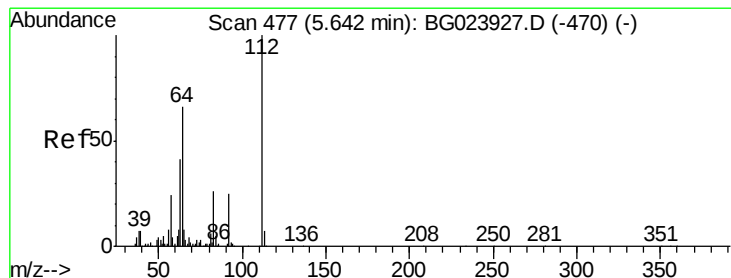
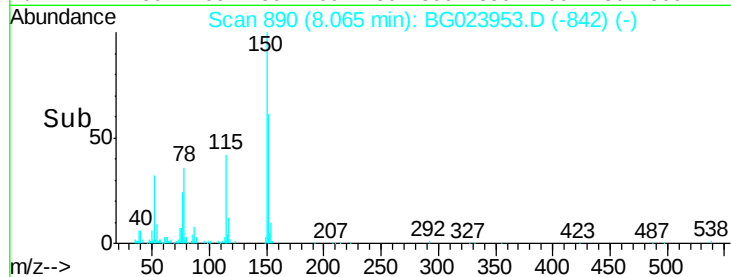
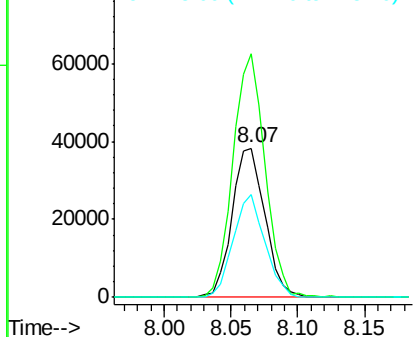
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 8.07 min Scan# 890
Delta R.T. -0.02 min
Lab File: BG023953.D
Acq: 6 Sep 2016 18:50

Instrument :
BNA_G
ClientSampleId :
DSN001

Tgt Ion:152 Resp: 65331
Ion Ratio Lower Upper
152 100
150 163.3 144.7 217.1
115 69.3 64.0 96.0



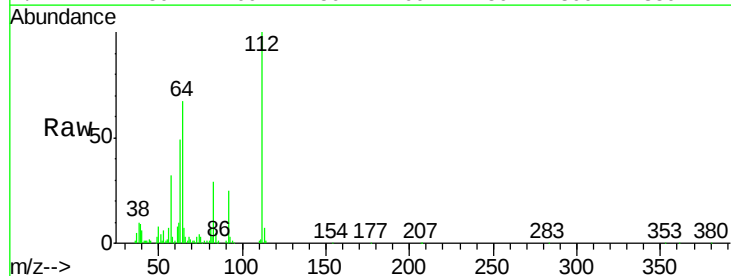
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



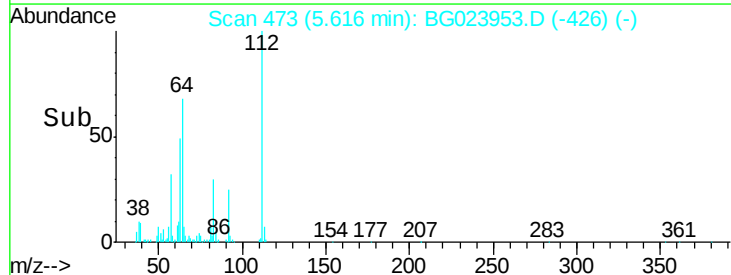
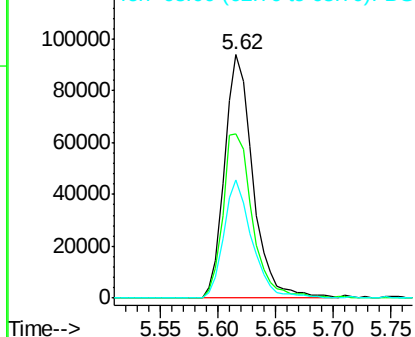
#5

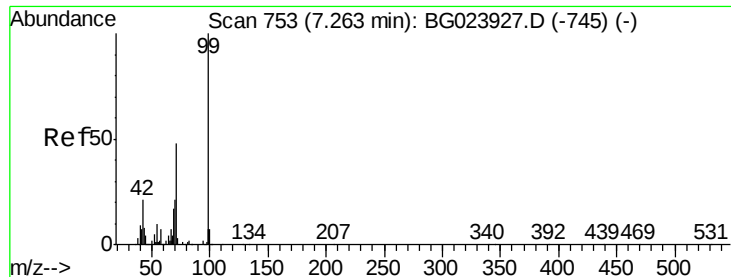
2-Fluorophenol
Concen: 86.07 ng
RT: 5.62 min Scan# 473
Delta R.T. -0.03 min
Lab File: BG023953.D
Acq: 6 Sep 2016 18:50

Tgt Ion:112 Resp: 160141
Ion Ratio Lower Upper
112 100
64 67.5 59.0 88.4
63 48.7 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: 51.04 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.03 min

Lab File: BG023953.D

Acq: 6 Sep 2016 18:50

Instrument :

BNA_G

ClientSampleId :

DSN001

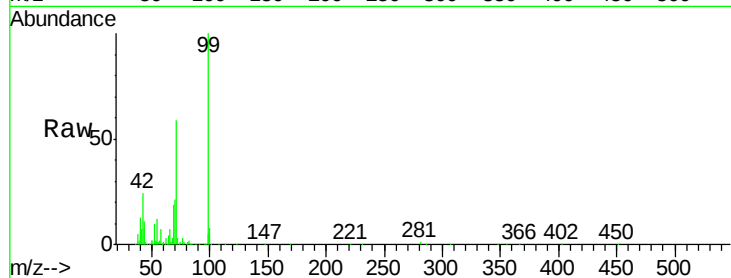
Tgt Ion: 99 Resp: 146179

Ion Ratio Lower Upper

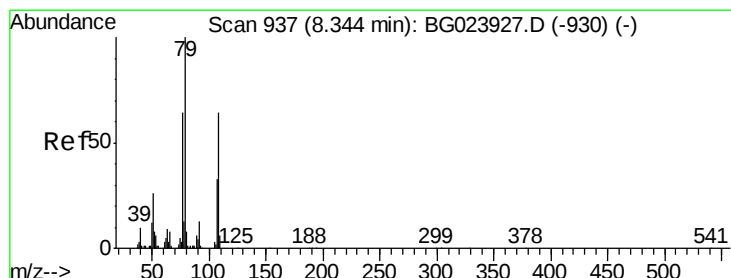
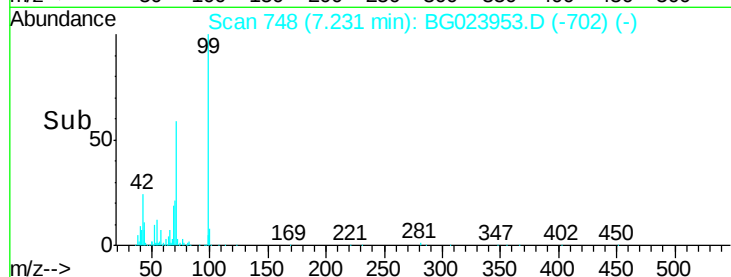
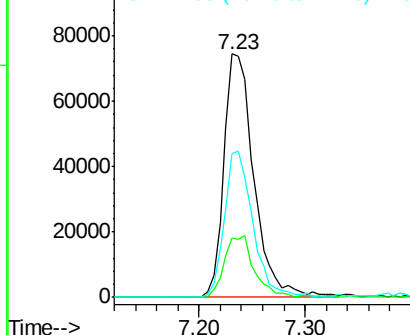
99 100

42 24.1 17.8 26.6

71 59.1 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



#15

Benzyl Alcohol

Concen: 3.42 ng

RT: 8.38 min Scan# 944

Delta R.T. 0.04 min

Lab File: BG023953.D

Acq: 6 Sep 2016 18:50

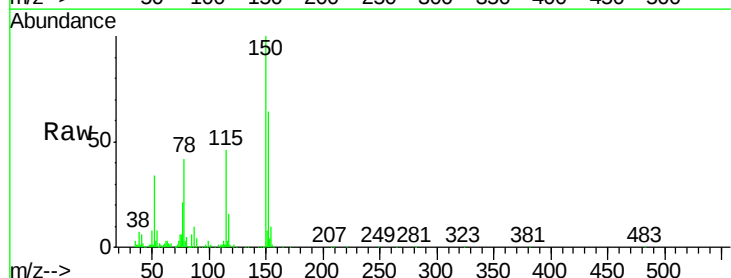
Tgt Ion: 79 Resp: 8635

Ion Ratio Lower Upper

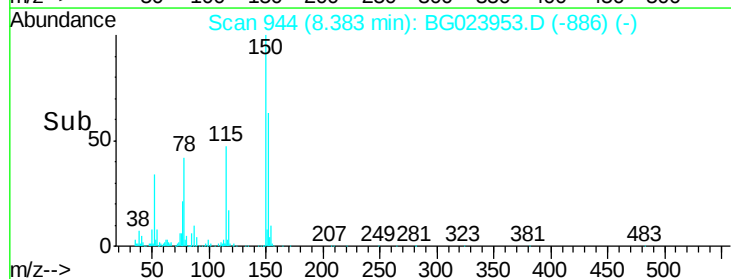
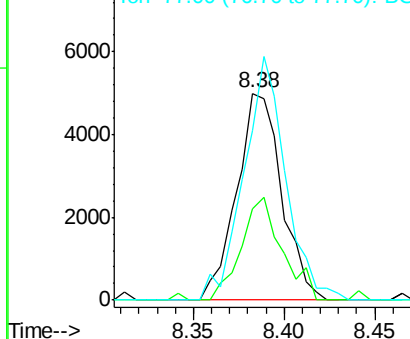
79 100

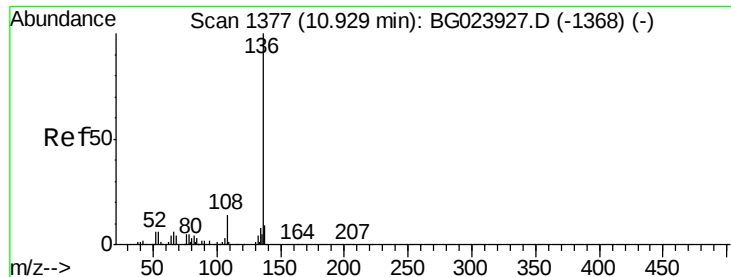
108 43.9 46.5 69.7#

77 82.0 52.3 78.5#



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

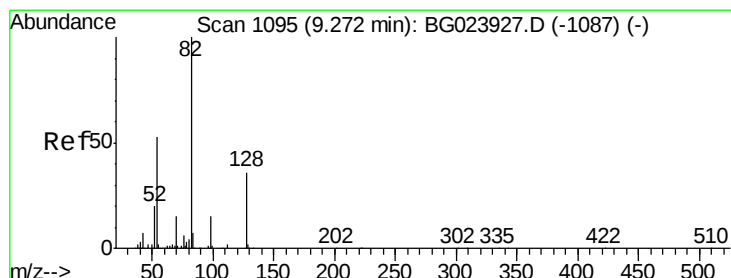
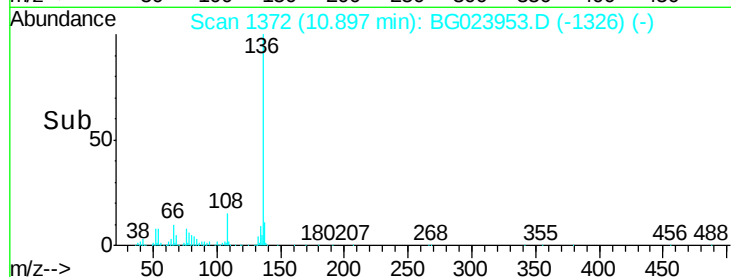
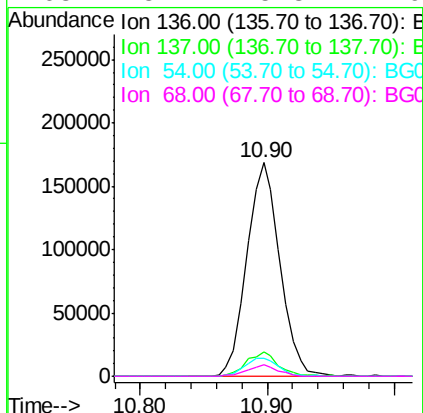
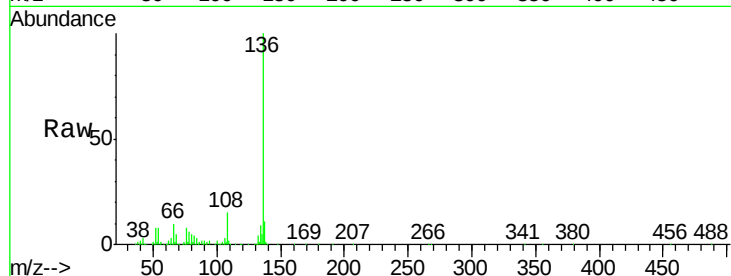




#21
Naphthalene-d8
Concen: 40.00 ng
RT: 10.90 min Scan# 1372
Delta R.T. -0.03 min
Lab File: BG023953.D
Acq: 6 Sep 2016 18:50

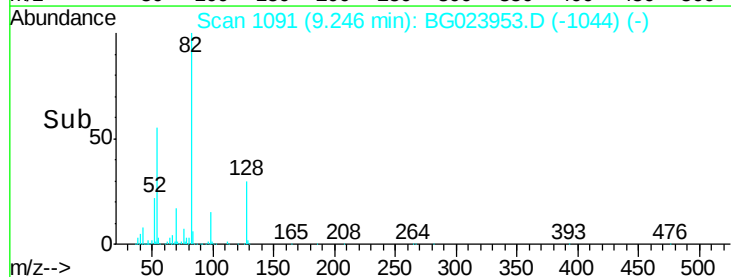
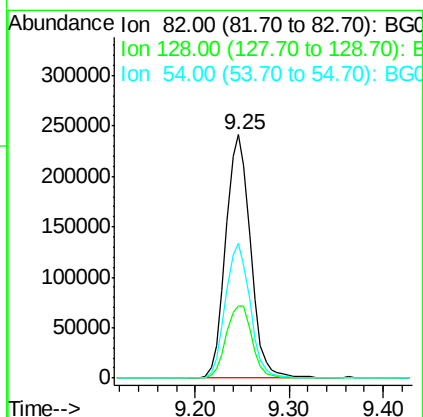
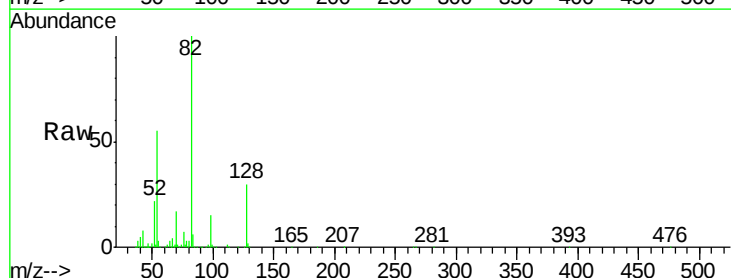
Instrument :
BNA_G
ClientSampleId :
DSN001

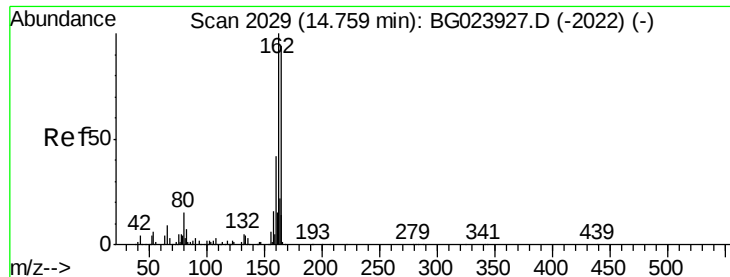
Tgt Ion:	136	Resp:	304553
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	8.1	7.3	10.9
68	5.2	5.3	7.9#



#23
Nitrobenzene-d5
Concen: 129.53 ng
RT: 9.25 min Scan# 1091
Delta R.T. -0.03 min
Lab File: BG023953.D
Acq: 6 Sep 2016 18:50

Tgt Ion:	82	Resp:	441822
Ion	Ratio	Lower	Upper
82	100		
128	29.8	24.4	36.6
54	55.4	41.4	62.0





#38

Acenaphthene-d10

Concen: 40.00 ng

RT: 14.74 min Scan# 2026

Delta R.T. -0.02 min

Lab File: BG023953.D

Acq: 6 Sep 2016 18:50

Instrument :

BNA_G

ClientSampleId :

DSN001

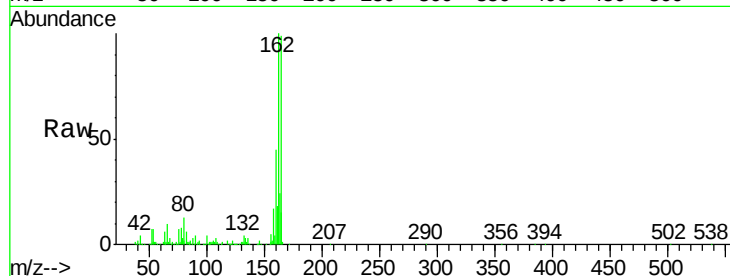
Tgt Ion:164 Resp: 200531

Ion Ratio Lower Upper

164 100

162 101.5 87.7 131.5

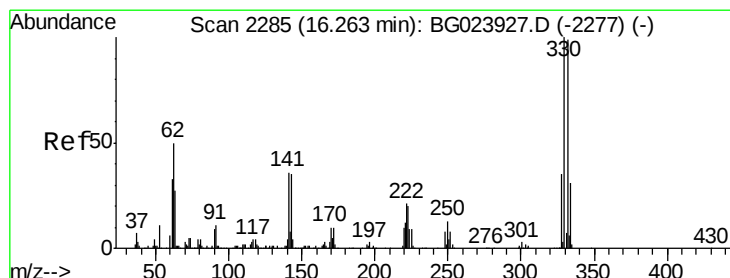
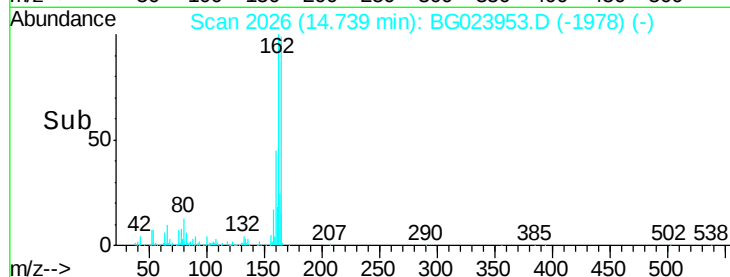
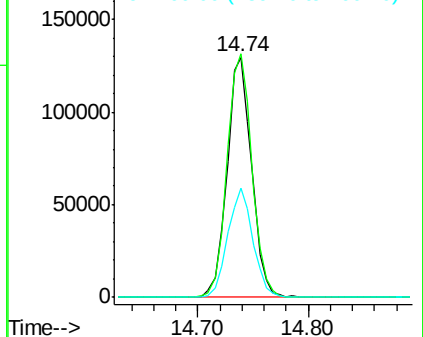
160 45.6 37.2 55.8



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: 140.68 ng

RT: 16.24 min Scan# 2282

Delta R.T. -0.02 min

Lab File: BG023953.D

Acq: 6 Sep 2016 18:50

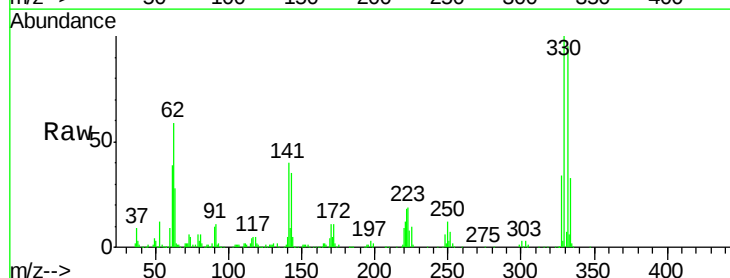
Tgt Ion:330 Resp: 254134

Ion Ratio Lower Upper

330 100

332 94.0 77.4 116.2

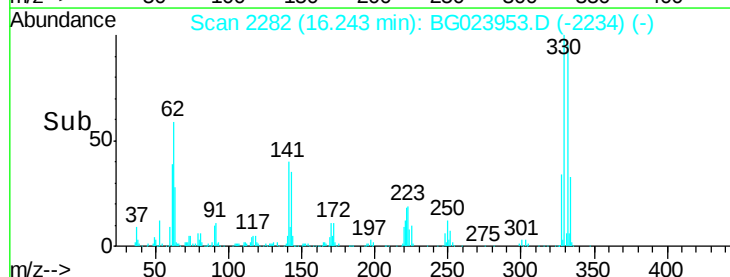
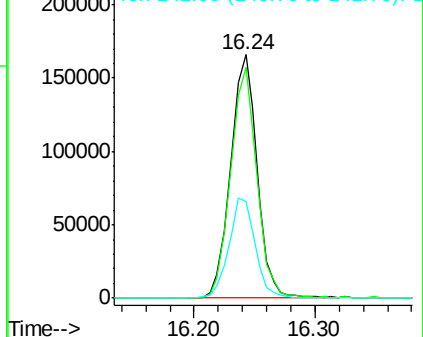
141 40.8 31.7 47.5

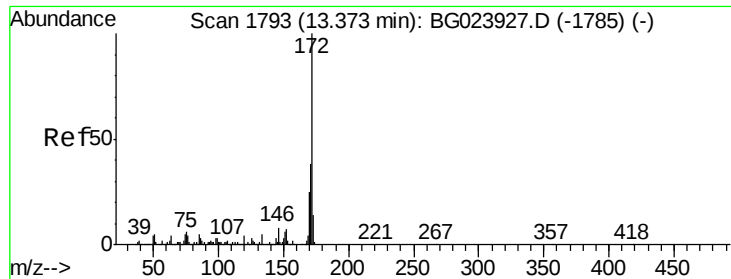


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

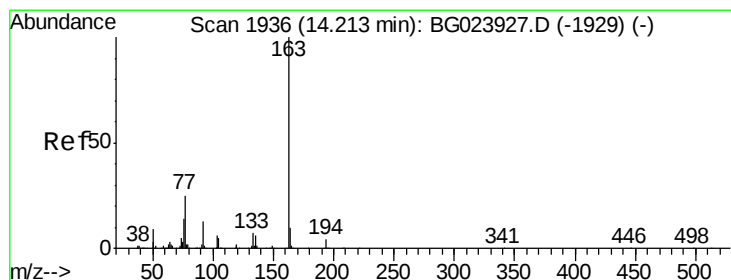
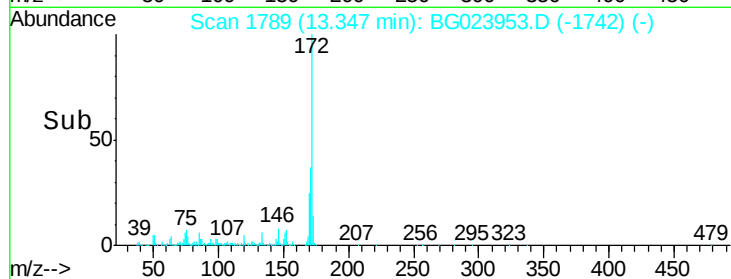
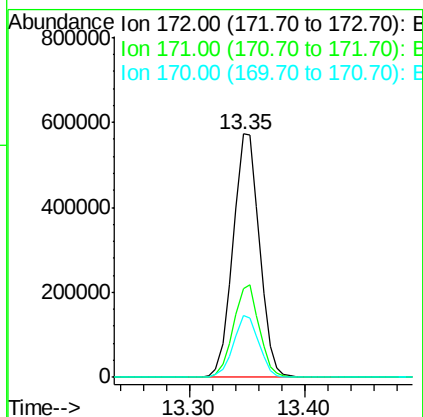
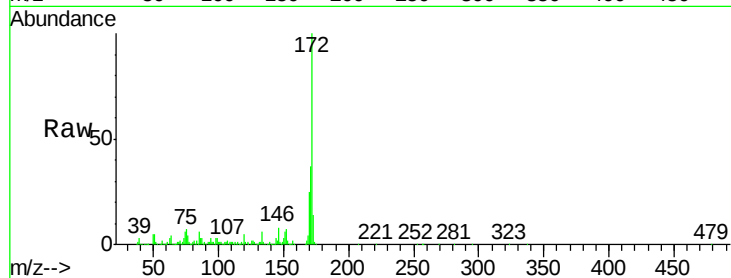




#44
2-Fluorobiphenyl
Concen: 130.01 ng
RT: 13.35 min Scan# 1789
Delta R.T. -0.03 min
Lab File: BG023953.D
Acq: 6 Sep 2016 18:50

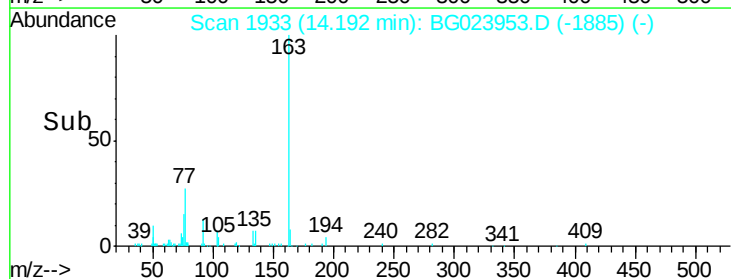
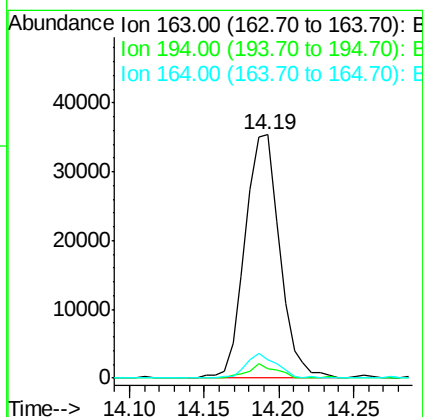
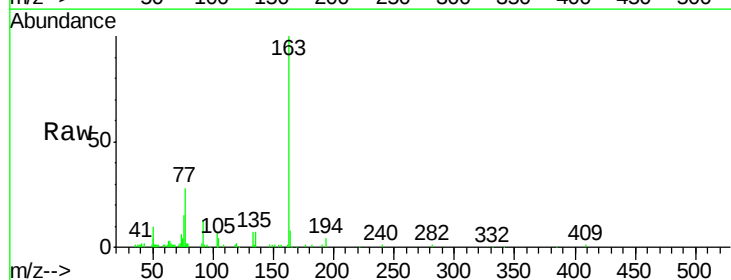
Instrument :
BNA_G
ClientSampleId :
DSN001

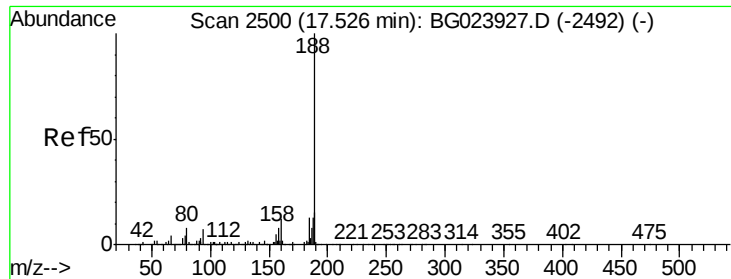
Tgt Ion:172 Resp: 909184
Ion Ratio Lower Upper
172 100
171 36.6 31.6 47.4
170 25.3 21.3 31.9



#49
Dimethylphthalate
Concen: 6.62 ng
RT: 14.19 min Scan# 1933
Delta R.T. -0.02 min
Lab File: BG023953.D
Acq: 6 Sep 2016 18:50

Tgt Ion:163 Resp: 56932
Ion Ratio Lower Upper
163 100
194 3.7 3.6 5.4
164 7.5 8.1 12.1#

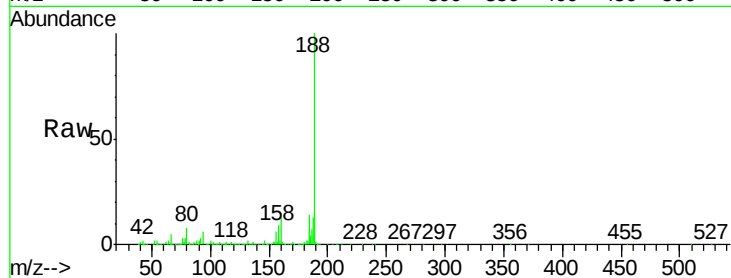




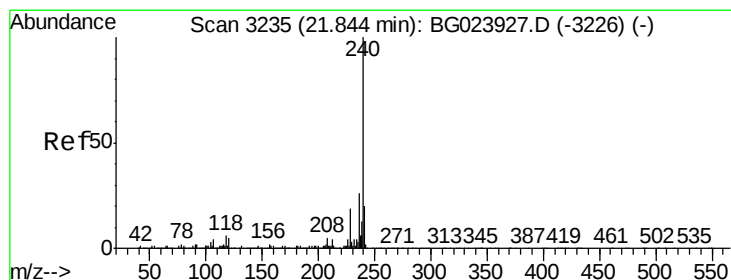
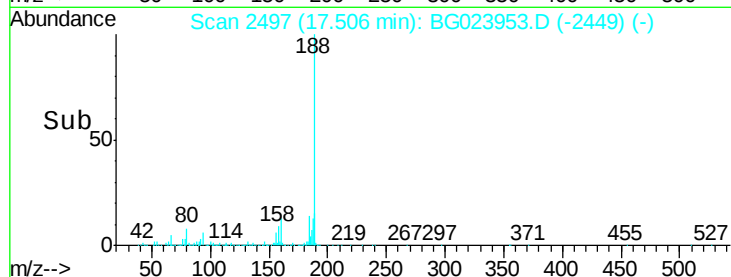
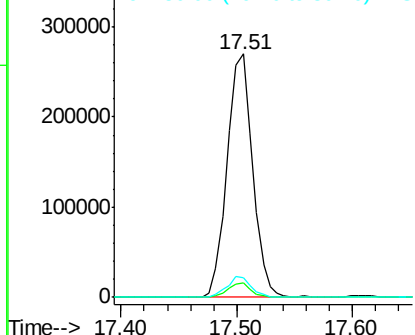
#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 17.51 min Scan# 2497
Delta R.T. -0.02 min
Lab File: BG023953.D
Acq: 6 Sep 2016 18:50

Instrument :
BNA_G
ClientSampleId :
DSN001

Tgt Ion:188 Resp: 414325
Ion Ratio Lower Upper
188 100
94 5.7 5.2 7.8
80 7.9 7.2 10.8

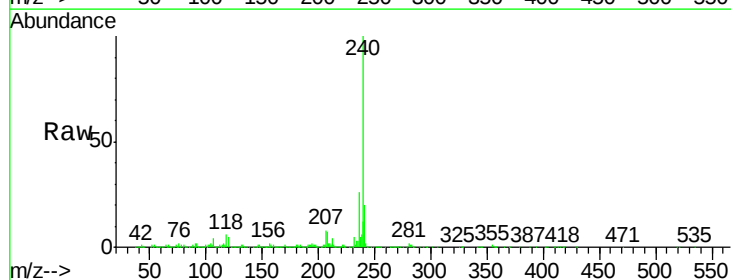


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

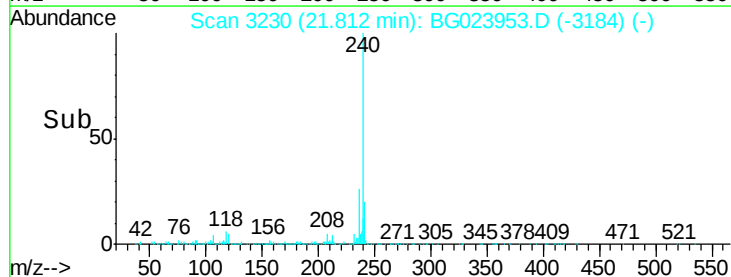
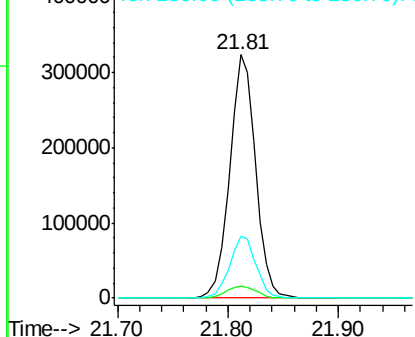


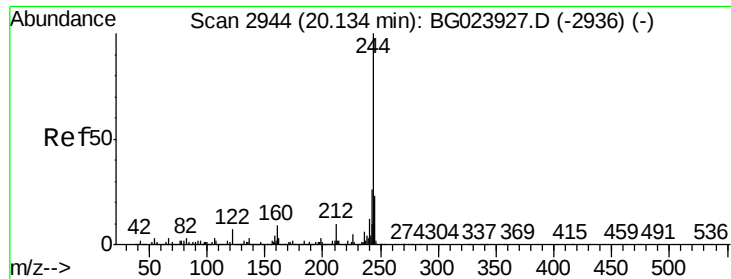
#75
Chrysene-d12
Concen: 40.00 ng
RT: 21.81 min Scan# 3230
Delta R.T. -0.03 min
Lab File: BG023953.D
Acq: 6 Sep 2016 18:50

Tgt Ion:240 Resp: 529283
Ion Ratio Lower Upper
240 100
120 5.1 4.1 6.1
236 25.7 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: 89.27 ng

RT: 20.11 min Scan# 2941

Delta R.T. -0.02 min

Lab File: BG023953.D

Acq: 6 Sep 2016 18:50

Instrument :

BNA_G

ClientSampleId :

DSN001

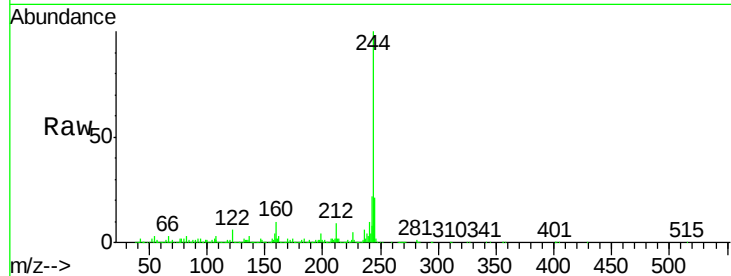
Tgt Ion:244 Resp: 1037320

Ion Ratio Lower Upper

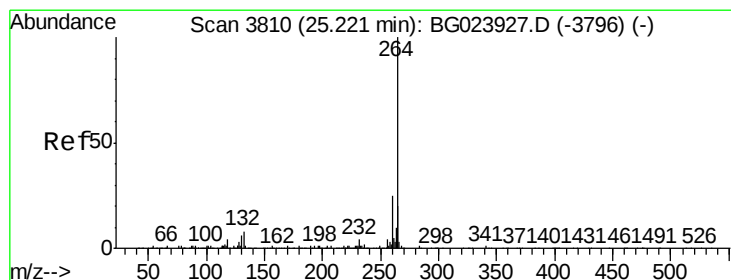
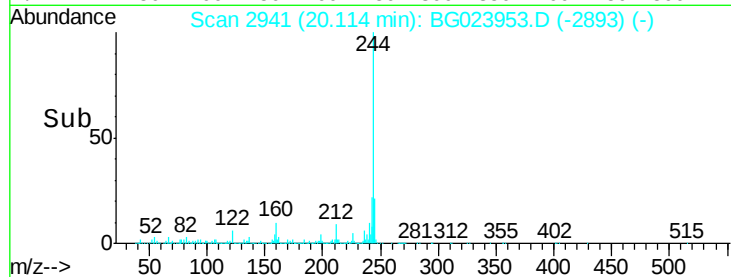
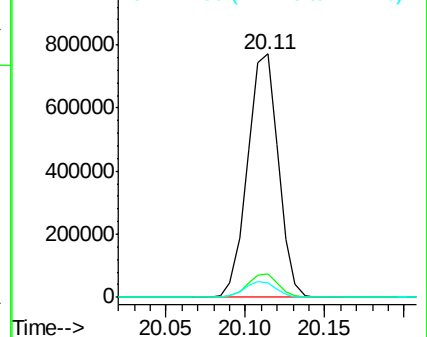
244 100

212 9.4 10.8 16.2#

122 5.7 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: 40.00 ng

RT: 25.17 min Scan# 3801

Delta R.T. -0.06 min

Lab File: BG023953.D

Acq: 6 Sep 2016 18:50

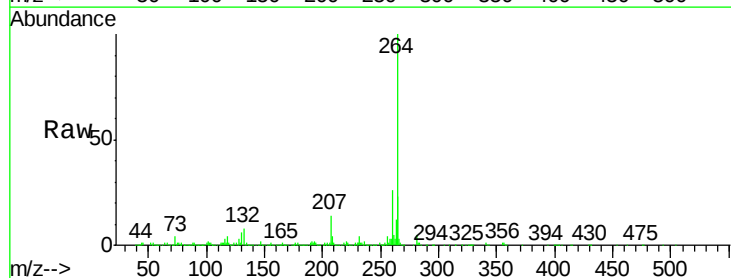
Tgt Ion:264 Resp: 535869

Ion Ratio Lower Upper

264 100

260 25.7 18.4 27.6

265 22.8 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

