

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
 Data File : BG023140.D
 Acq On : 16 Jul 2016 10:18
 Operator : UM/SJ
 Sample : H3951-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LSS-SB-SB02(11-13ft)

Quant Time: Jul 18 14:16:58 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

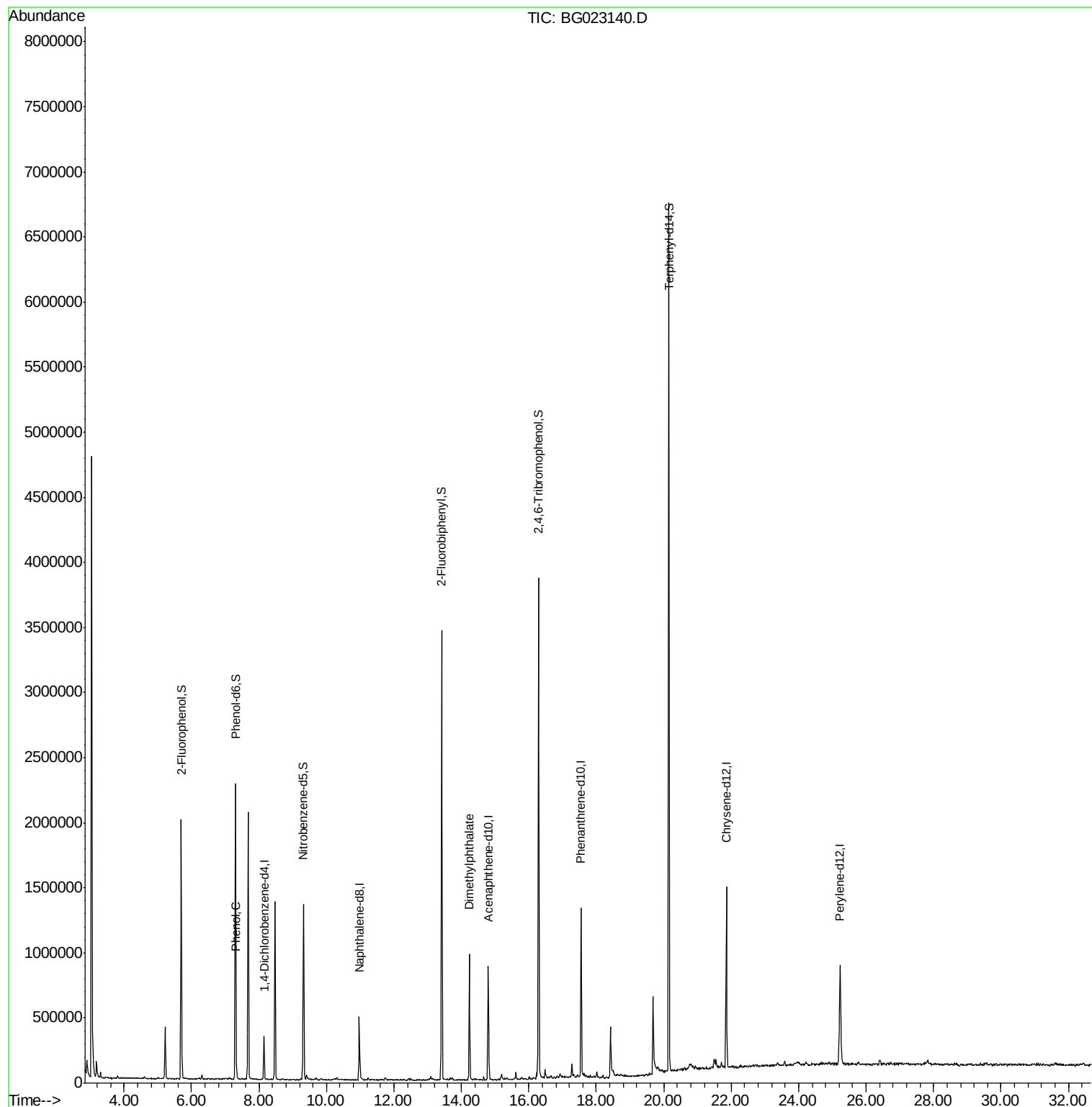
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	89518	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	381332	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	297421	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	793972	20.00	ng	0.00
75) Chrysene-d12	21.85	240	894700	20.00	ng	0.00
86) Perylene-d12	25.23	264	895214	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	781799	142.84	ng	0.00
7) Phenol-d6	7.30	99	1227337	143.17	ng	0.00
23) Nitrobenzene-d5	9.32	82	886057	99.49	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	701585	131.25	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1642578	86.99	ng	0.00
78) Terphenyl-d14	20.15	244	2565153	95.16	ng	0.00
Target Compounds						
10) Phenol	7.33	94	20016	2.27	ng	82
49) Dimethylphthalate	14.24	163	590813	24.32	ng	100

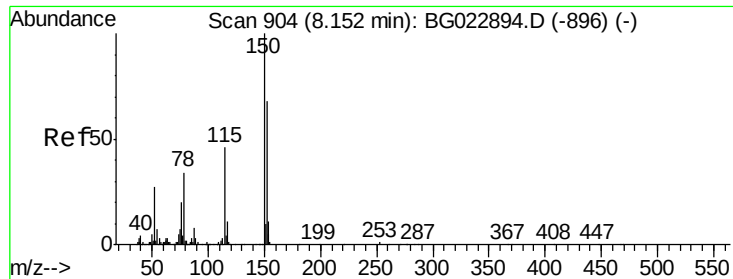
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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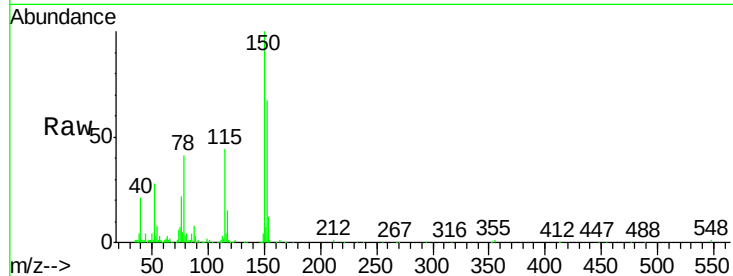


#1

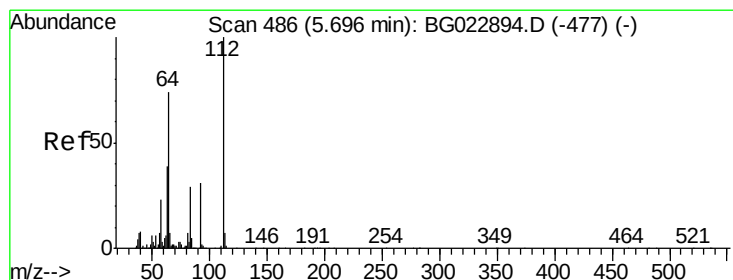
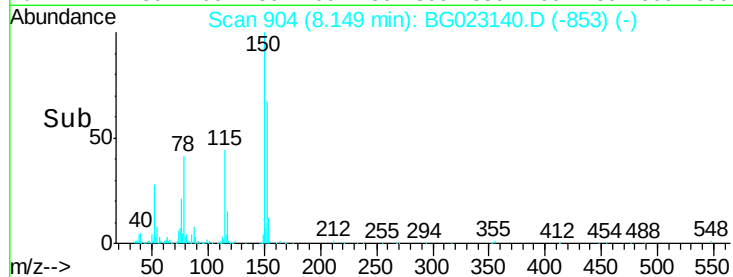
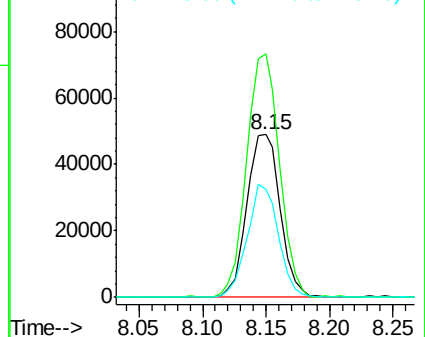
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG023140.D
Acq: 16 Jul 2016 10:18

Instrument :
BNA_G
ClientSampleId :
LSS-SB-SB02(11-13ft)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.5	144.7	217.1
115	66.2	64.0	96.0



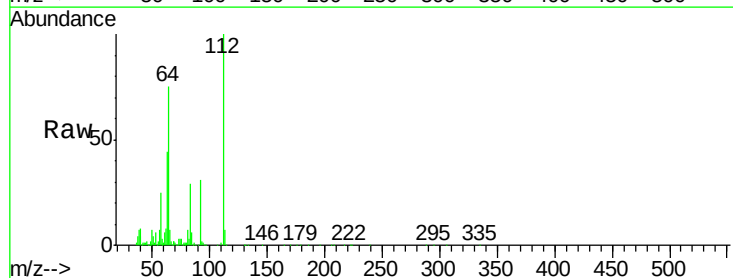
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



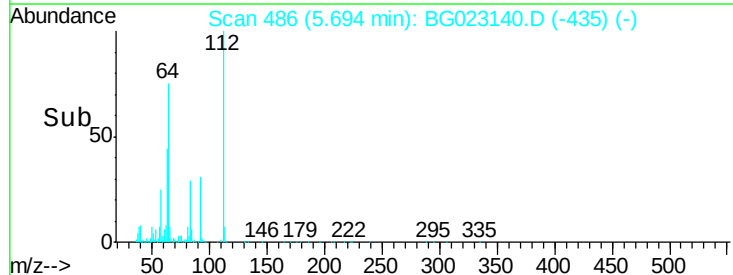
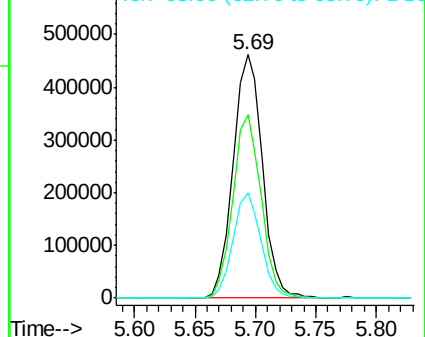
#5

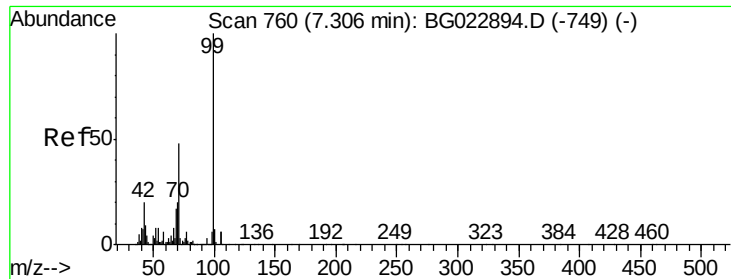
2-Fluorophenol
Concen: 142.84 ng
RT: 5.69 min Scan# 486
Delta R.T. -0.00 min
Lab File: BG023140.D
Acq: 16 Jul 2016 10:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.1	59.0	88.4
63	43.5	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: 143.17 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG023140.D

Acq: 16 Jul 2016 10:18

Instrument :

BNA_G

ClientSampleId :

LSS-SB-SB02(11-13ft)

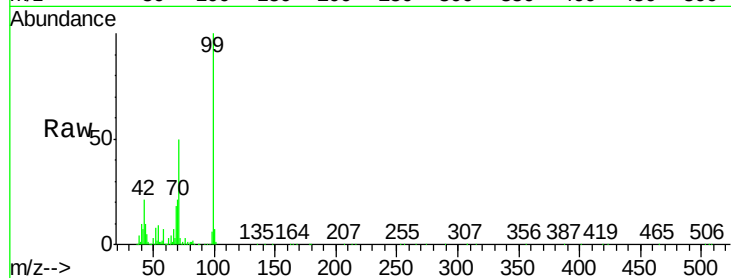
Tgt Ion: 99 Resp: 1227337

Ion	Ratio	Lower	Upper
99	100		
42	20.7	17.8	26.6
71	50.2	41.5	62.3

99 100

42 20.7 17.8 26.6

71 50.2 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

800000

600000

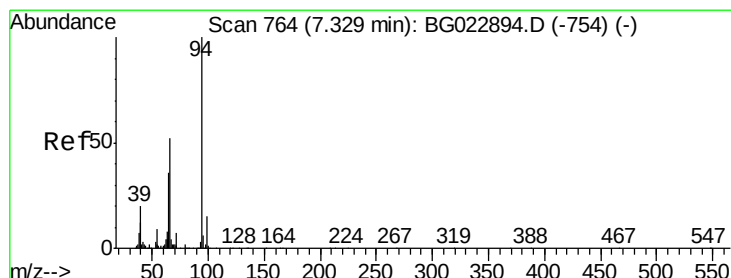
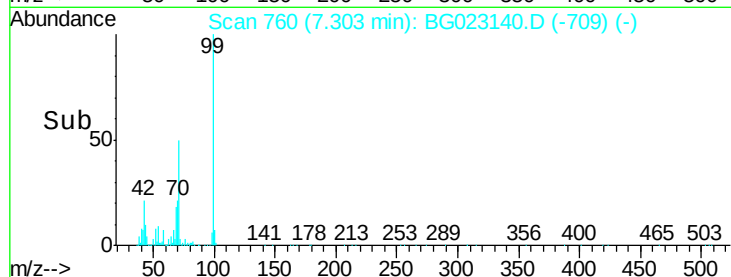
400000

200000

0

7.30

Time--> 7.20 7.30 7.40



#10

Phenol

Concen: 2.27 ng

RT: 7.33 min Scan# 764

Delta R.T. -0.00 min

Lab File: BG023140.D

Acq: 16 Jul 2016 10:18

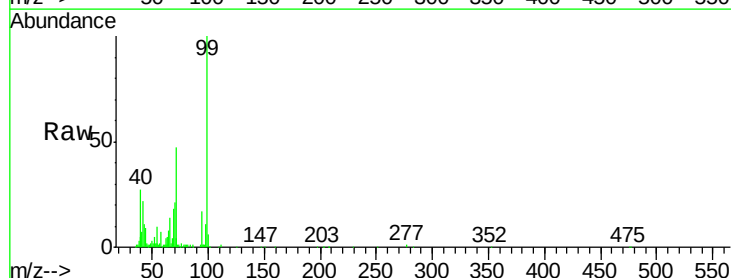
Tgt Ion: 94 Resp: 20016

Ion	Ratio	Lower	Upper
94	100		
65	44.2	18.1	58.1
66	79.6	42.1	82.1

94 100

65 44.2 18.1 58.1

66 79.6 42.1 82.1



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

60000

50000

40000

30000

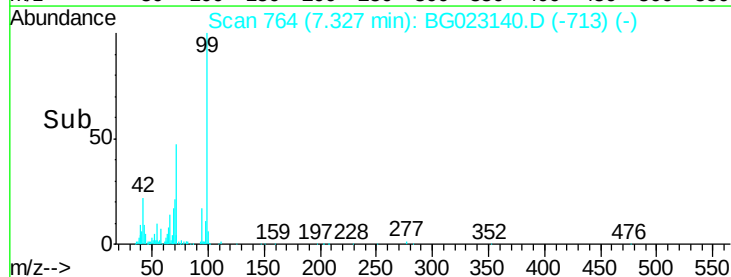
20000

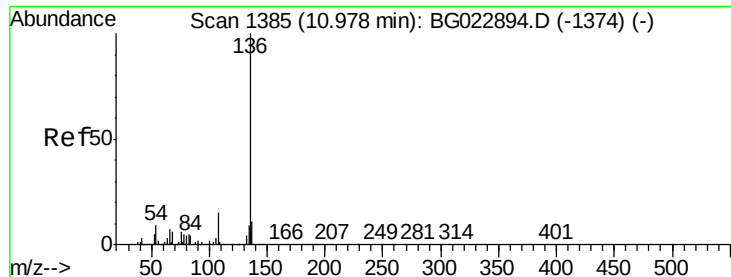
10000

0

7.33

Time--> 7.25 7.30 7.35 7.40

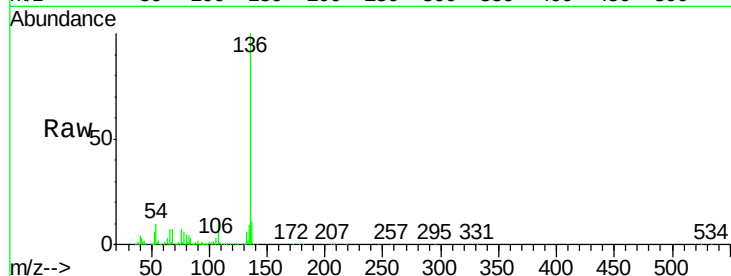




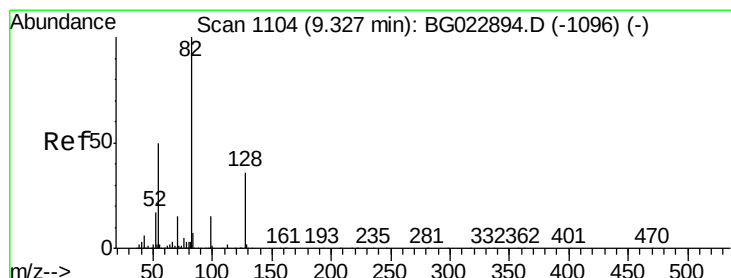
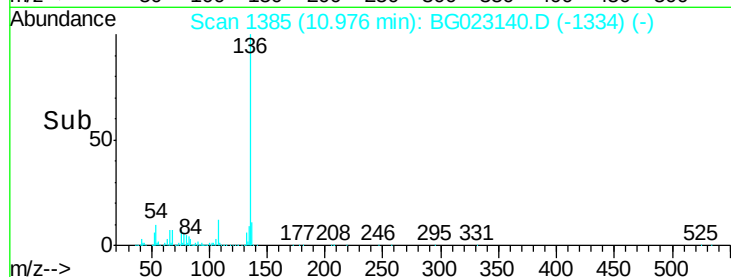
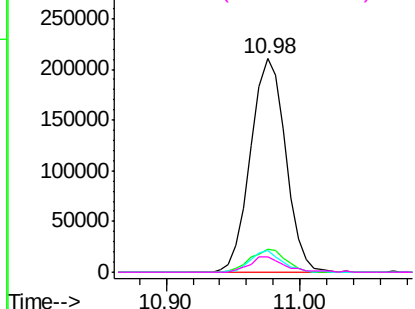
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG023140.D
Acq: 16 Jul 2016 10:18

Instrument :
BNA_G
ClientSampleId :
LSS-SB-SB02(11-13ft)

Tgt Ion:	136	Resp:	381332
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	10.3	7.3	10.9
68	7.0	5.3	7.9

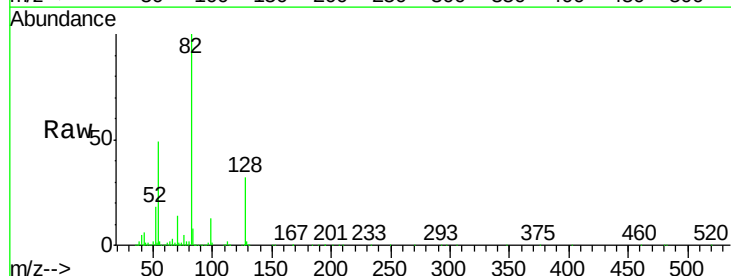


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

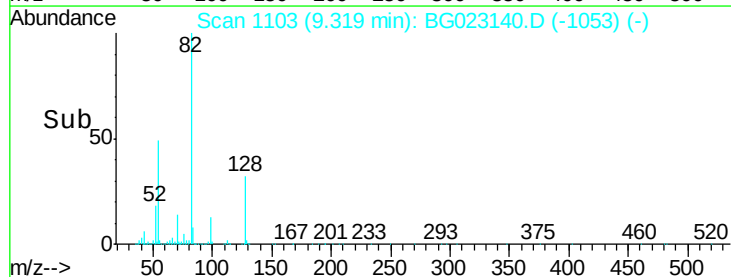
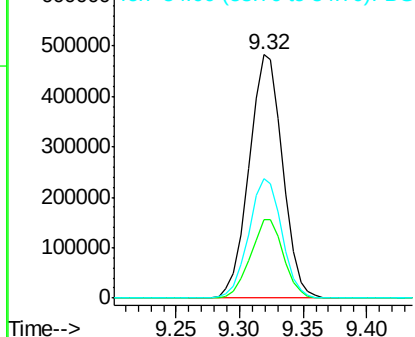


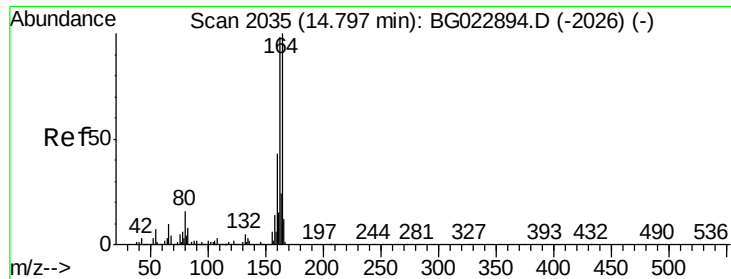
#23
Nitrobenzene-d5
Concen: 99.49 ng
RT: 9.32 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BG023140.D
Acq: 16 Jul 2016 10:18

Tgt Ion:	82	Resp:	886057
Ion	Ratio	Lower	Upper
82	100		
128	32.0	24.4	36.6
54	49.0	41.4	62.0



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG023140.D

Acq: 16 Jul 2016 10:18

Instrument :

BNA_G

ClientSampleId :

LSS-SB-SB02(11-13ft)

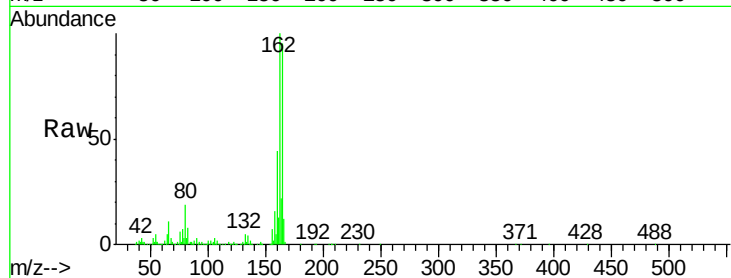
Tgt Ion:164 Resp: 297421

Ion Ratio Lower Upper

164 100

162 105.8 87.7 131.5

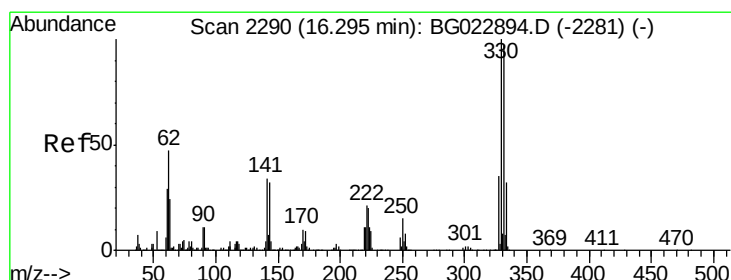
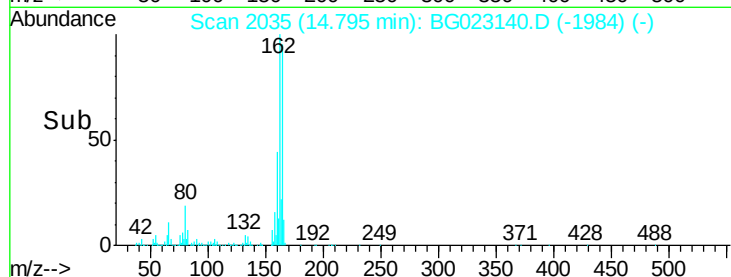
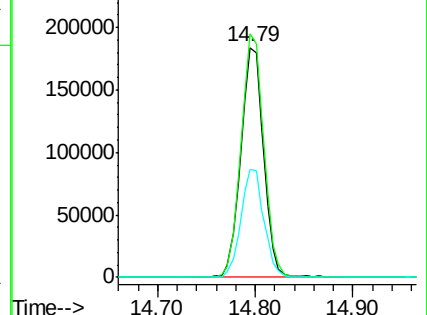
160 46.8 37.2 55.8



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: 131.25 ng

RT: 16.29 min Scan# 2290

Delta R.T. -0.00 min

Lab File: BG023140.D

Acq: 16 Jul 2016 10:18

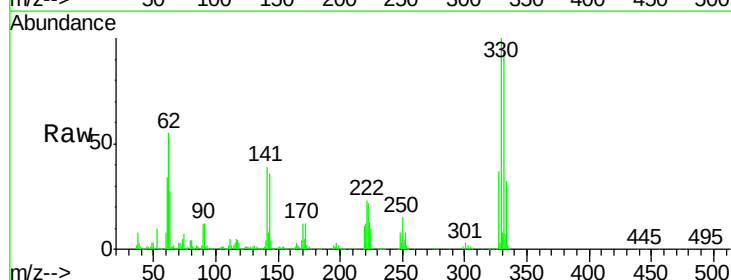
Tgt Ion:330 Resp: 701585

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.2

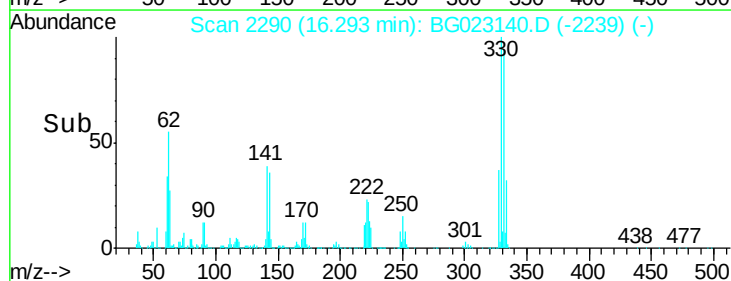
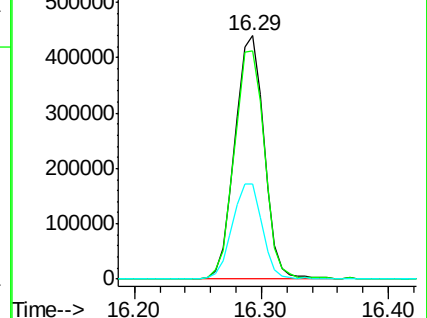
141 40.1 31.7 47.5

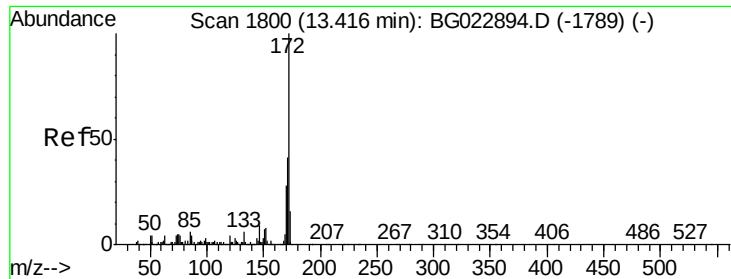


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

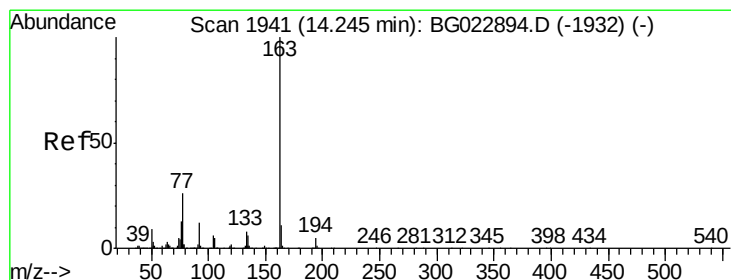
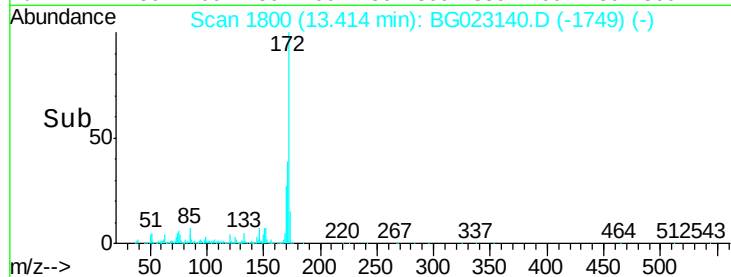
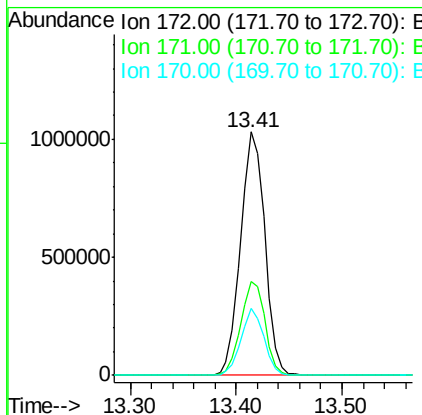
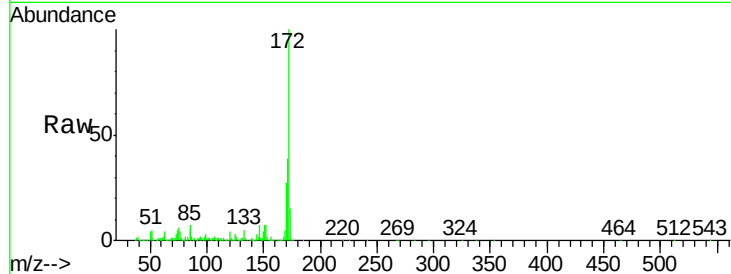




#44
2-Fluorobiphenyl
Concen: 86.99 ng
RT: 13.41 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BG023140.D
Acq: 16 Jul 2016 10:18

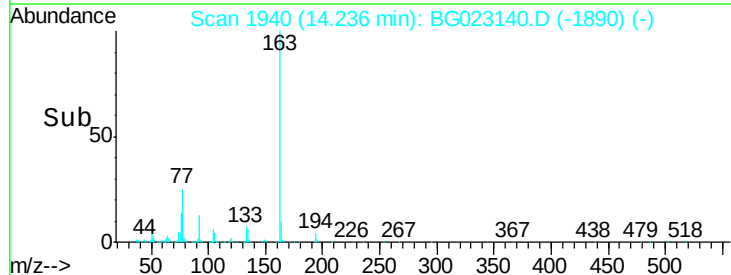
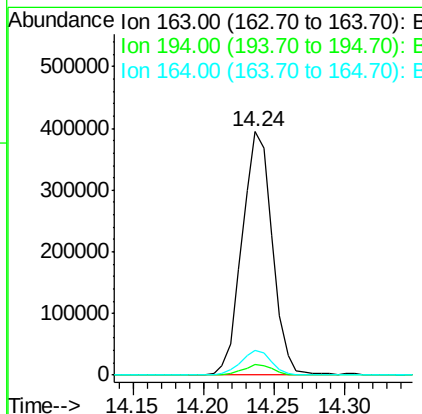
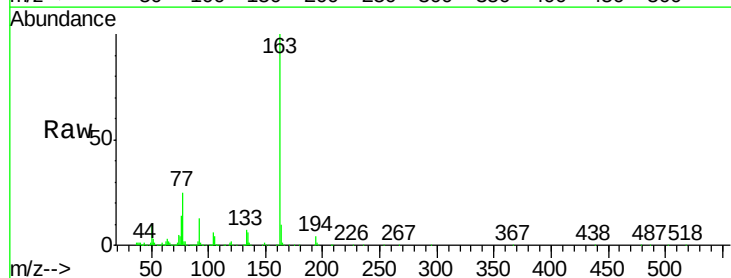
Instrument :
BNA_G
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LSS-SB-SB02(11-13ft)

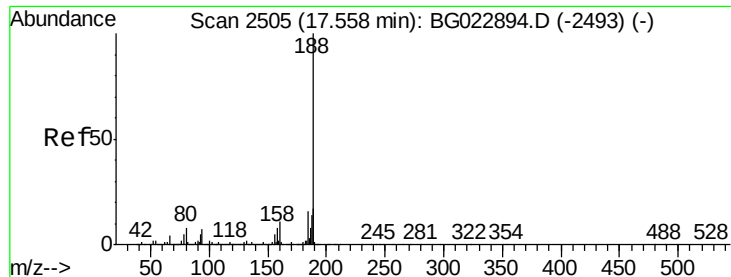
Tgt Ion:172 Resp: 1642578
Ion Ratio Lower Upper
172 100
171 38.7 31.6 47.4
170 27.4 21.3 31.9



#49
Dimethylphthalate
Concen: 24.32 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG023140.D
Acq: 16 Jul 2016 10:18

Tgt Ion:163 Resp: 590813
Ion Ratio Lower Upper
163 100
194 4.1 3.6 5.4
164 10.1 8.1 12.1

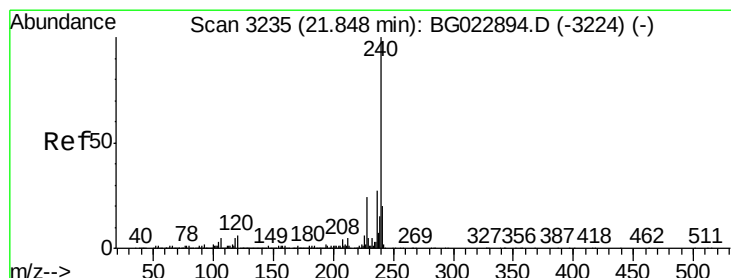
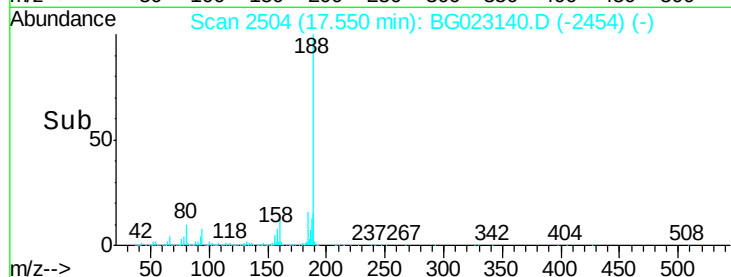
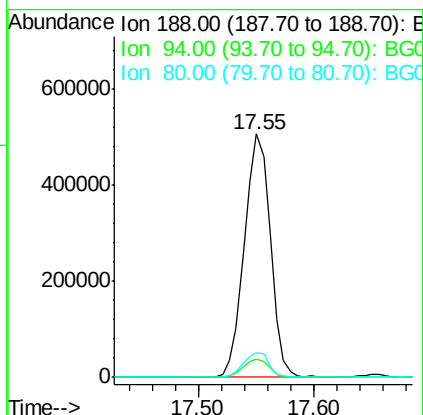
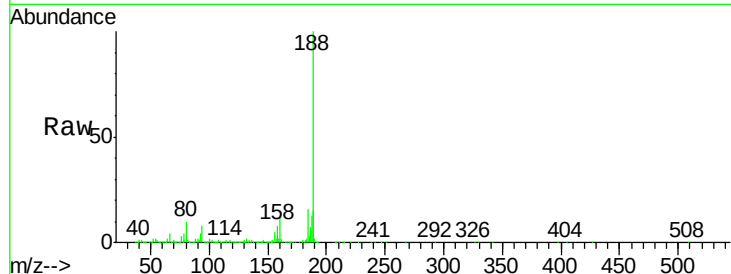




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG023140.D
Acq: 16 Jul 2016 10:18

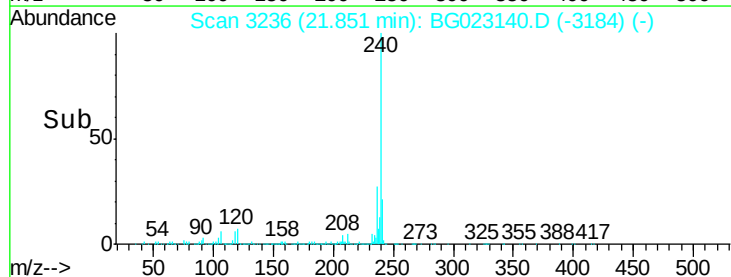
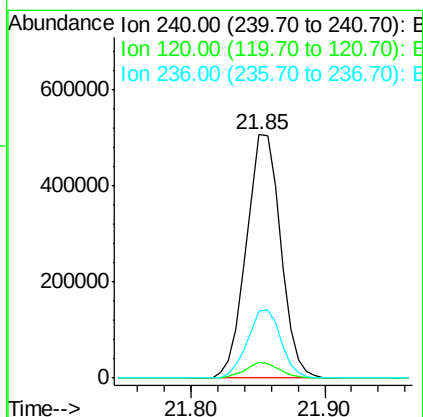
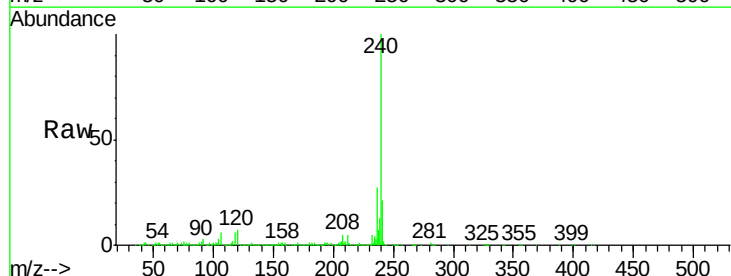
Instrument :
BNA_G
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LSS-SB-SB02(11-13ft)

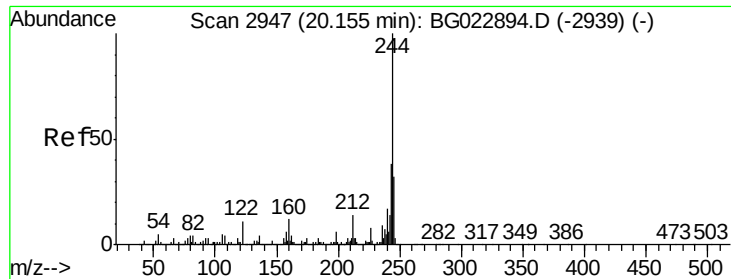
Tgt Ion:188 Resp: 793972
Ion Ratio Lower Upper
188 100
94 7.8 5.2 7.8
80 9.9 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.00 min
Lab File: BG023140.D
Acq: 16 Jul 2016 10:18

Tgt Ion:240 Resp: 894700
Ion Ratio Lower Upper
240 100
120 6.7 4.1 6.1#
236 27.3 21.1 31.7





#78

Terphenyl-d14

Concen: 95.16 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG023140.D

Acq: 16 Jul 2016 10:18

Instrument :

BNA_G

ClientSampleId :

LSS-SB-SB02(11-13ft)

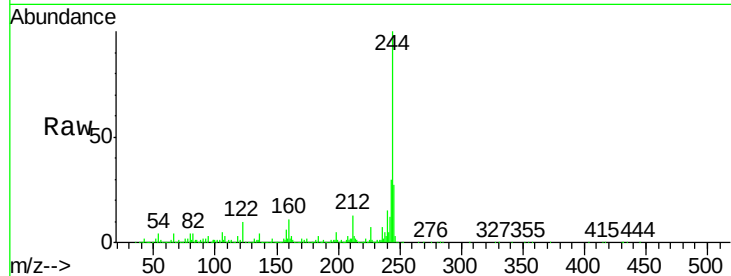
Tgt Ion:244 Resp: 2565153

Ion Ratio Lower Upper

244 100

212 13.0 10.8 16.2

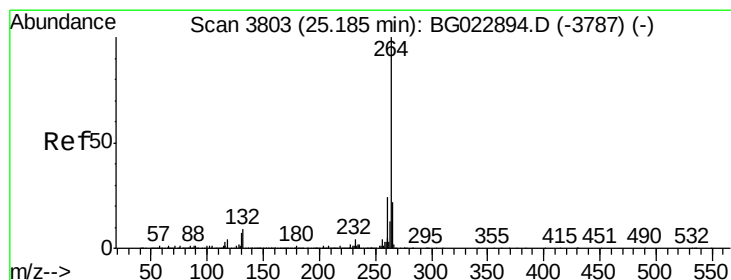
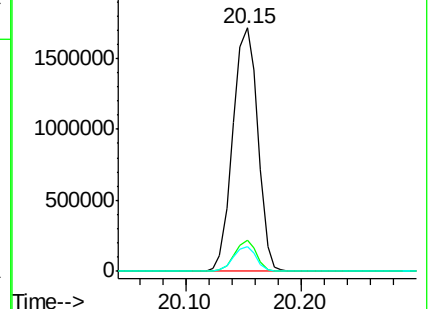
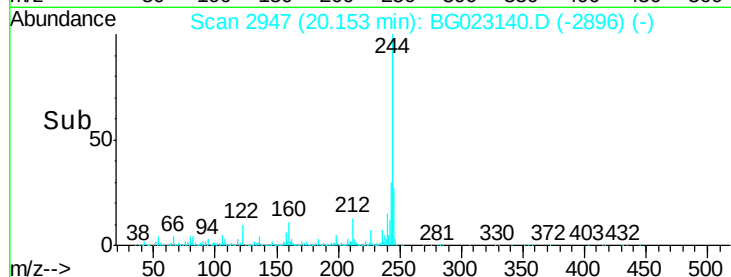
122 10.0 8.0 12.0



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: 25.23 min Scan# 3811

Delta R.T. 0.04 min

Lab File: BG023140.D

Acq: 16 Jul 2016 10:18

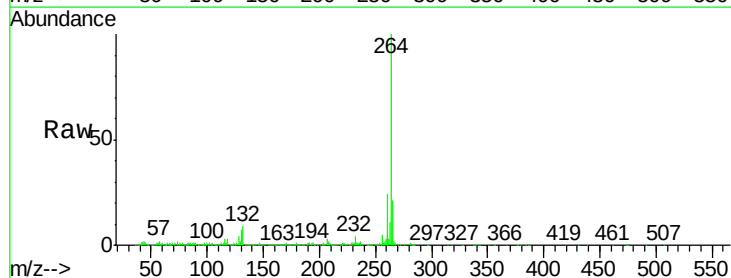
Tgt Ion:264 Resp: 895214

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 21.3 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

