

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081516\
 Data File : BG023720.D
 Acq On : 15 Aug 2016 14:05
 Operator : UM/SJ
 Sample : H4452-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-1

Quant Time: Aug 15 17:34:40 2016
 Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

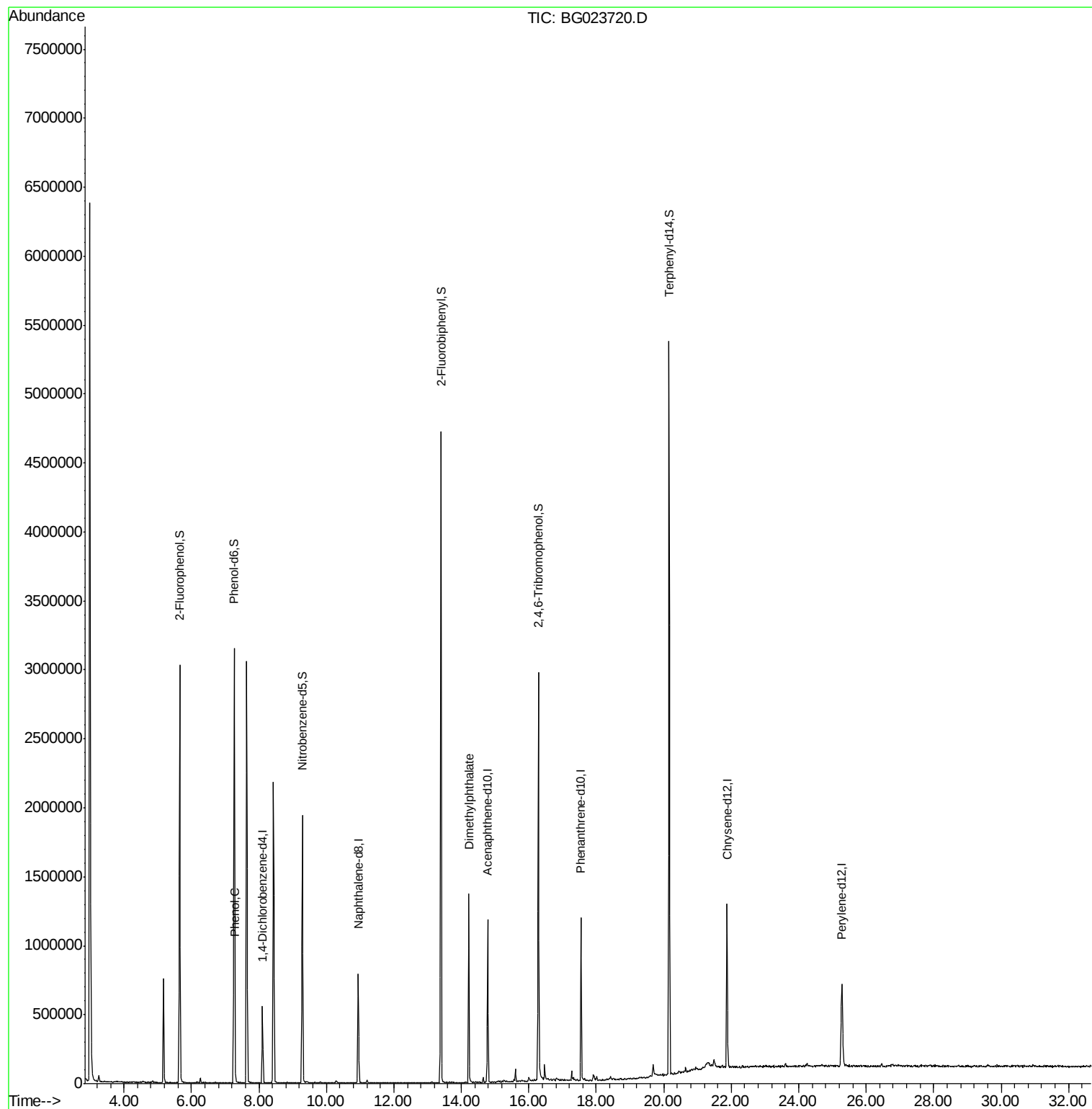
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	147033	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	649326	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	388897	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	701010	20.00	ng	0.00
75) Chrysene-d12	21.87	240	741724	20.00	ng	0.01
86) Perylene-d12	25.27	264	730556	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1270217	145.42	ng	-0.01
7) Phenol-d6	7.27	99	1821671	133.90	ng	0.00
23) Nitrobenzene-d5	9.29	82	1297359	99.33	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	601621	105.76	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	2263365	98.16	ng	0.00
78) Terphenyl-d14	20.16	244	2207363	95.49	ng	0.00
Target Compounds						
10) Phenol	7.29	94	29431	2.02	ng	91
49) Dimethylphthalate	14.22	163	882531	29.58	ng	99

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

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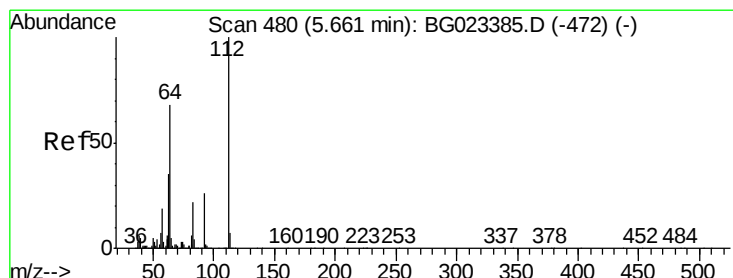
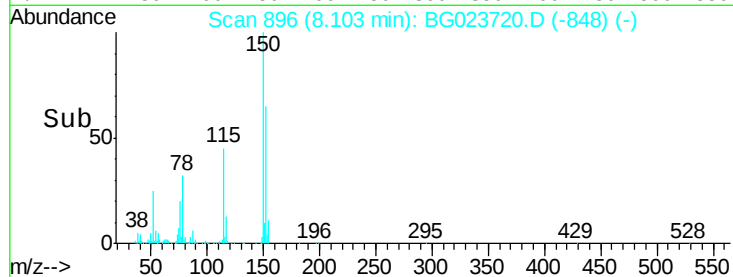
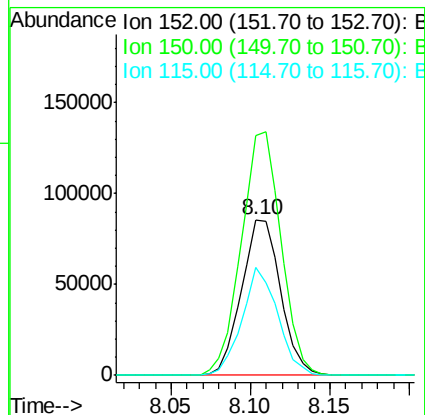
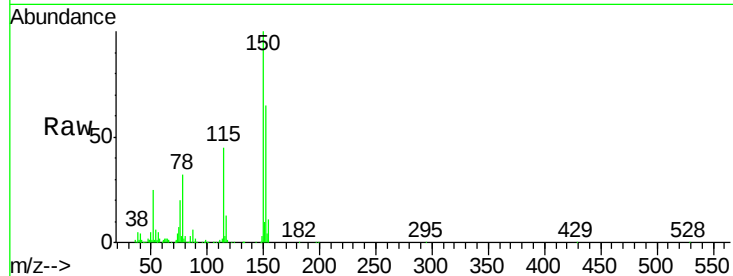


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.10 min Scan# 896
Delta R.T. -0.02 min
Lab File: BG023720.D
Acq: 15 Aug 2016 14:05

Instrument :
BNA_G
ClientSampleId :
S-1

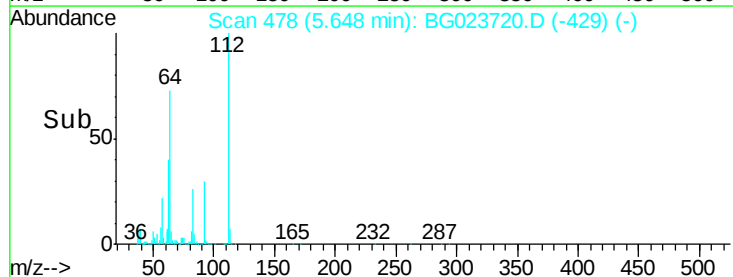
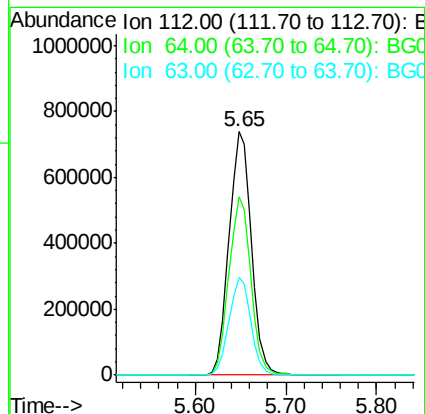
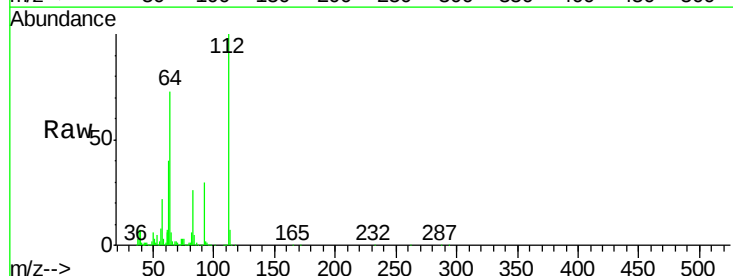
Tgt Ion:152 Resp: 147033
Ion Ratio Lower Upper
152 100
150 154.1 144.7 217.1
115 69.2 64.0 96.0

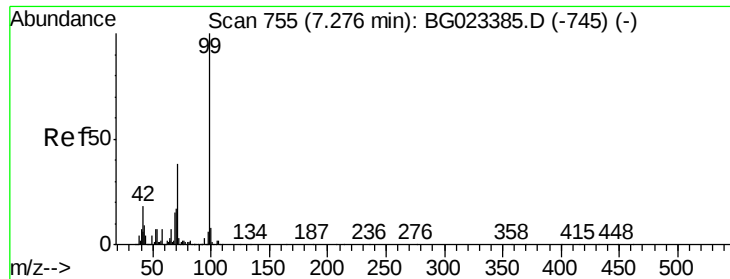


#5

2-Fluorophenol
Concen: 145.42 ng
RT: 5.65 min Scan# 478
Delta R.T. -0.01 min
Lab File: BG023720.D
Acq: 15 Aug 2016 14:05

Tgt Ion:112 Resp: 1270217
Ion Ratio Lower Upper
112 100
64 73.2 59.0 88.4
63 40.3 37.8 56.8





#7

Phenol-d6

Concen: 133.90 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG023720.D

Acq: 15 Aug 2016 14:05

Instrument :

BNA_G

ClientSampled :

S-1

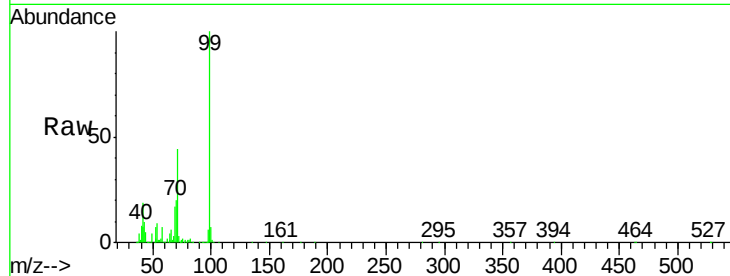
Tgt Ion: 99 Resp: 1821671

Ion Ratio Lower Upper

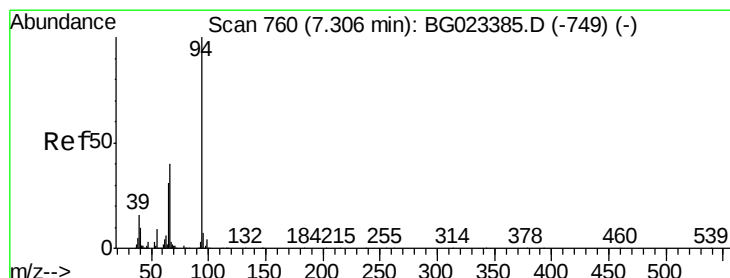
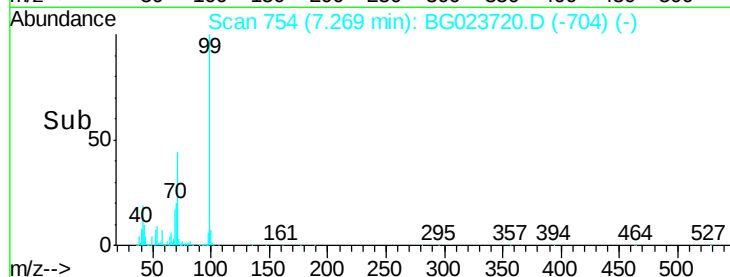
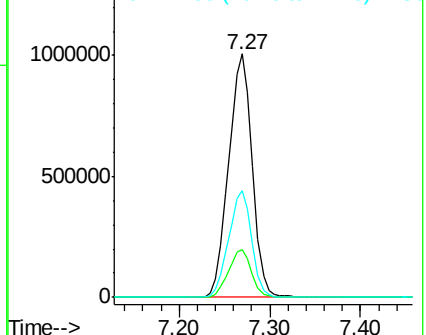
99 100

42 19.4 17.8 26.6

71 43.7 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



#10

Phenol

Concen: 2.02 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG023720.D

Acq: 15 Aug 2016 14:05

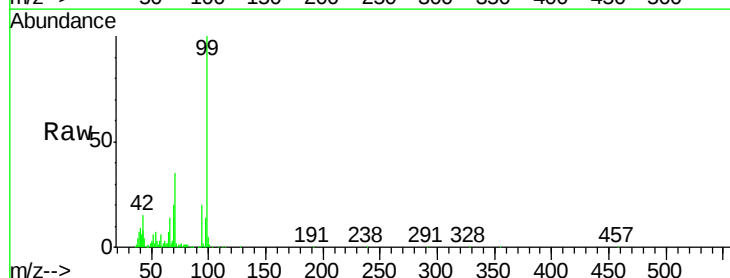
Tgt Ion: 94 Resp: 29431

Ion Ratio Lower Upper

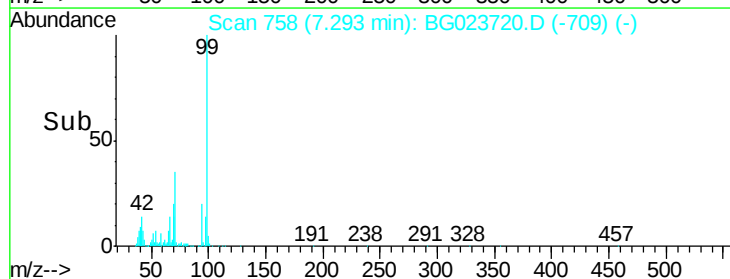
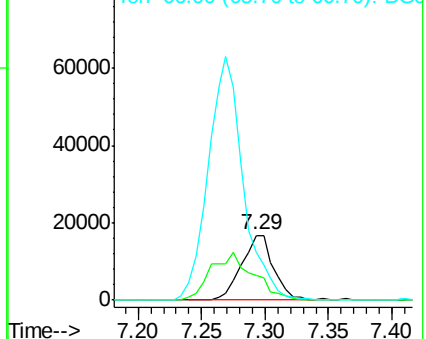
94 100

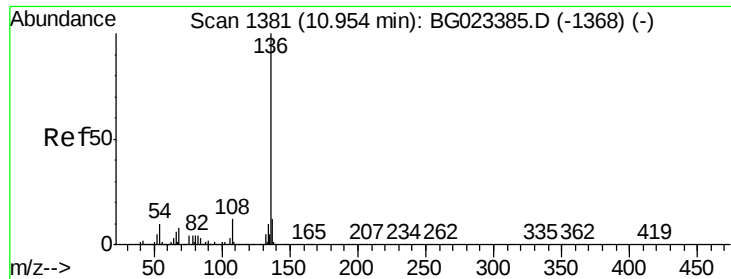
65 37.7 18.1 58.1

66 72.7 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

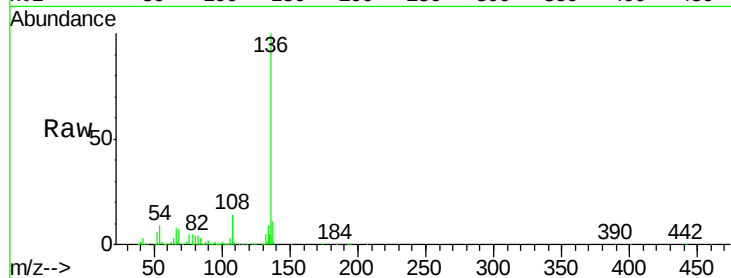




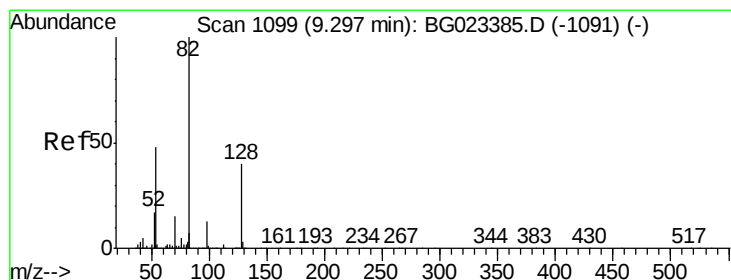
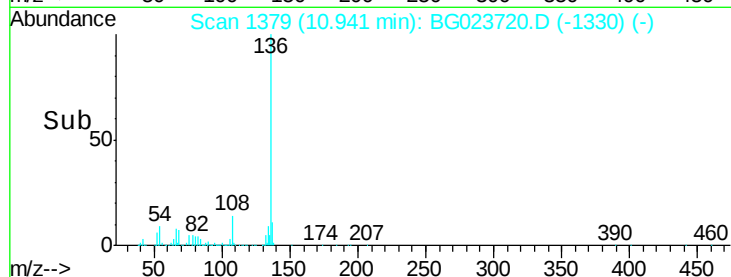
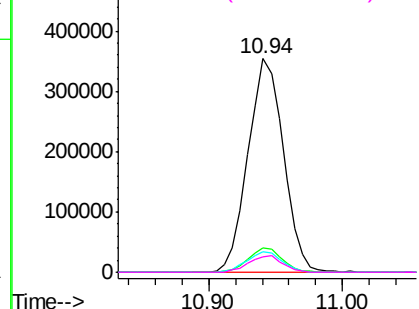
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BG023720.D
Acq: 15 Aug 2016 14:05

Instrument :
BNA_G
ClientSampleId :
S-1

Tgt Ion:	136	Resp:	649326
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	9.3	7.3	10.9
68	7.2	5.3	7.9

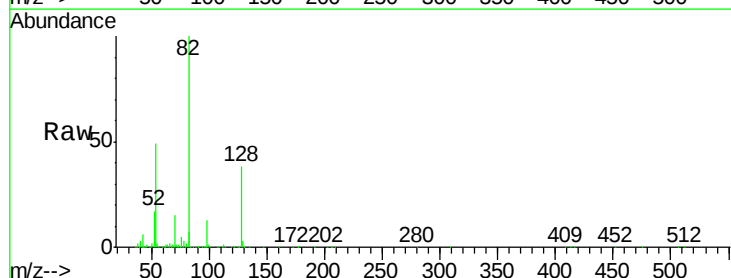


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

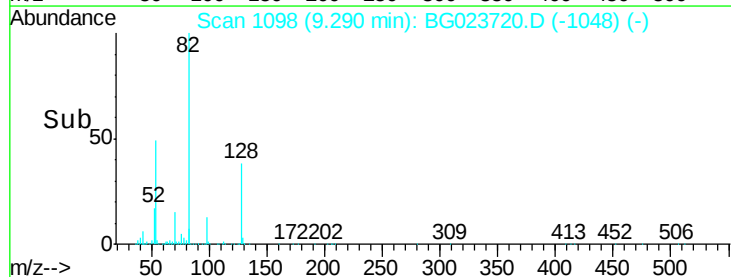
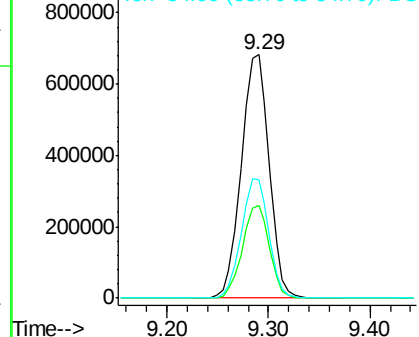


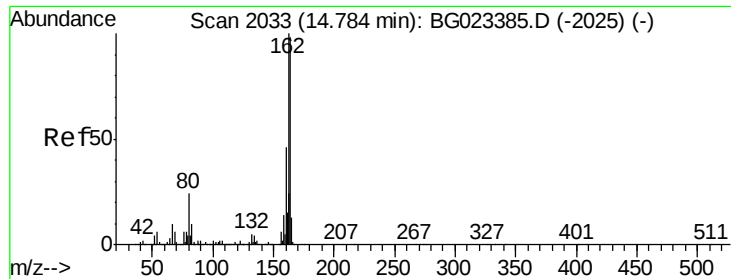
#23
Nitrobenzene-d5
Concen: 99.33 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BG023720.D
Acq: 15 Aug 2016 14:05

Tgt Ion:	82	Resp:	1297359
Ion	Ratio	Lower	Upper
82	100		
128	38.2	24.4	36.6#
54	48.7	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

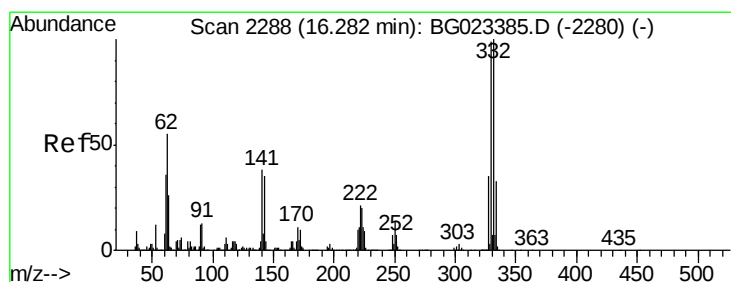
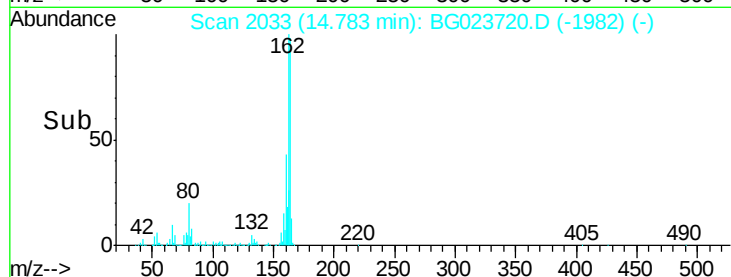
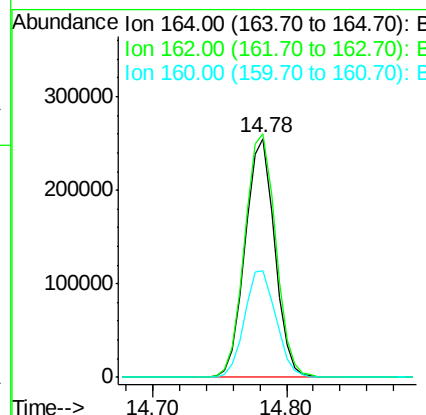
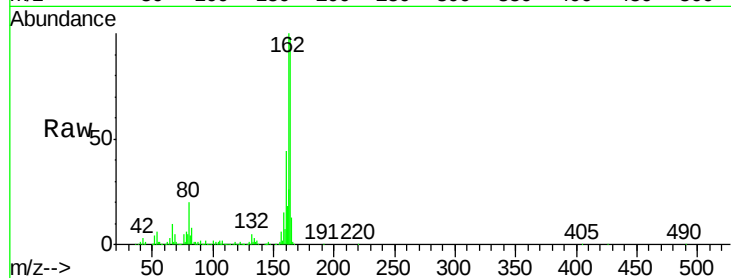




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG023720.D
Acq: 15 Aug 2016 14:05

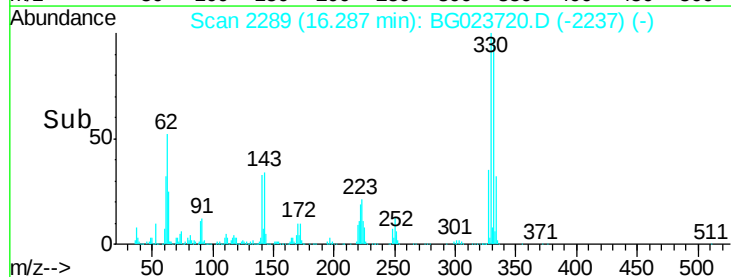
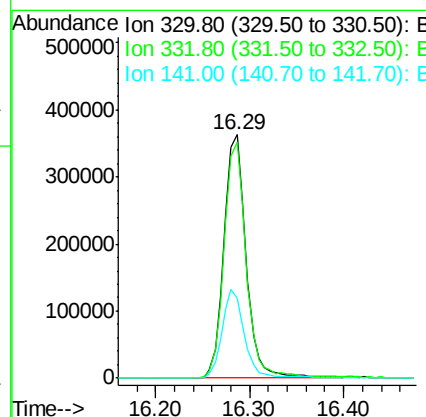
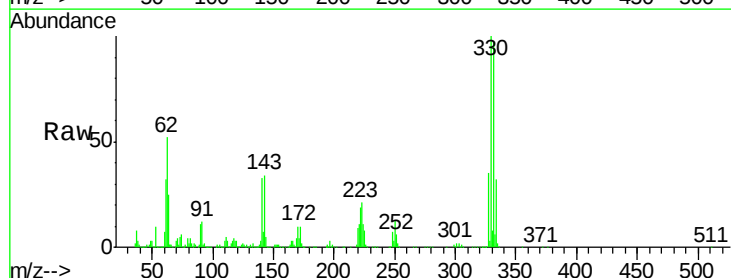
Instrument :
BNA_G
ClientSampleId :
S-1

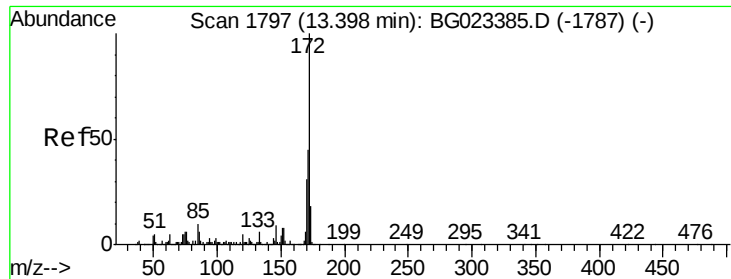
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	87.7	131.5
160	44.6	37.2	55.8



#41
2,4,6-Tribromophenol
Concen: 105.76 ng
RT: 16.29 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG023720.D
Acq: 15 Aug 2016 14:05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.2
141	36.1	31.7	47.5

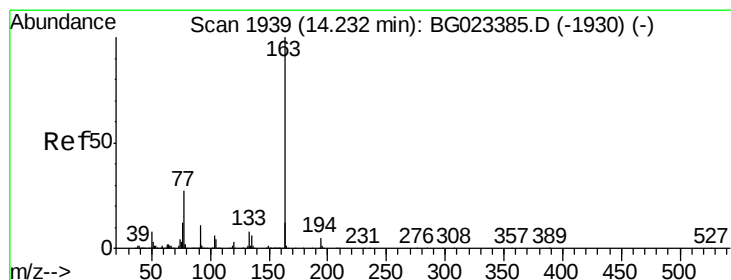
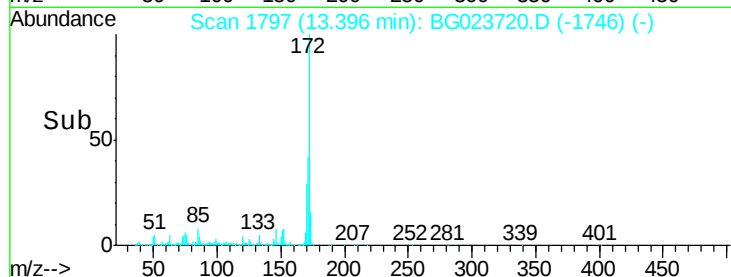
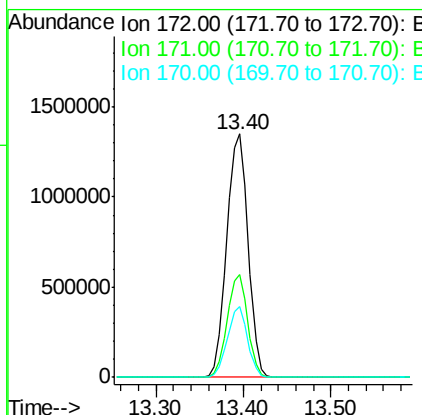
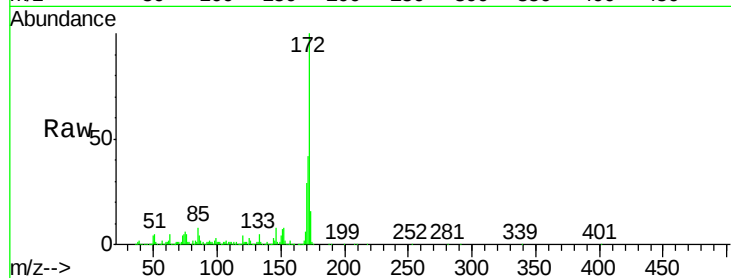




#44
2-Fluorobiphenyl
Concen: 98.16 ng
RT: 13.40 min Scan# 1797
Delta R.T. -0.00 min
Lab File: BG023720.D
Acq: 15 Aug 2016 14:05

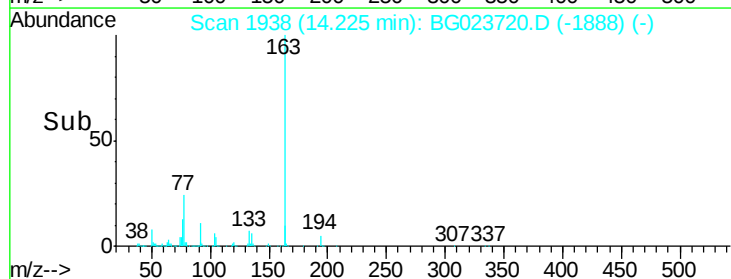
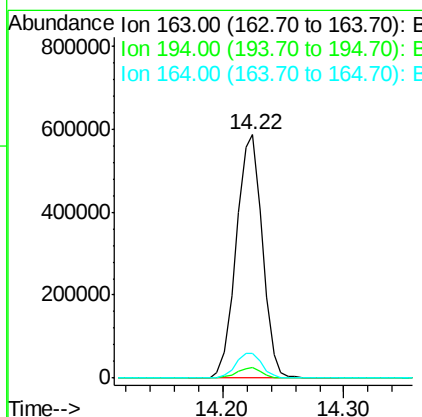
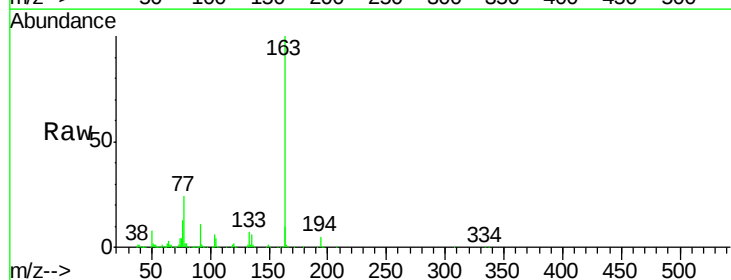
Instrument :
BNA_G
ClientSampleId :
S-1

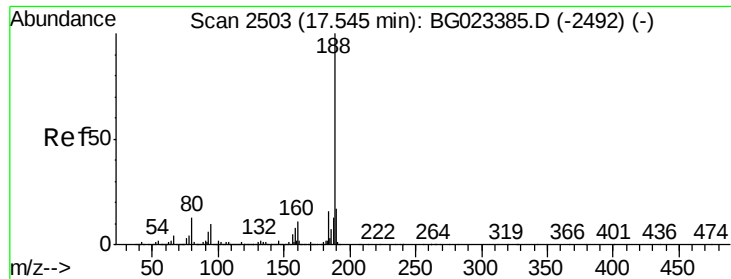
Tgt Ion:172 Resp: 2263365
Ion Ratio Lower Upper
172 100
171 42.2 31.6 47.4
170 29.0 21.3 31.9



#49
Dimethylphthalate
Concen: 29.58 ng
RT: 14.22 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG023720.D
Acq: 15 Aug 2016 14:05

Tgt Ion:163 Resp: 882531
Ion Ratio Lower Upper
163 100
194 4.6 3.6 5.4
164 10.4 8.1 12.1

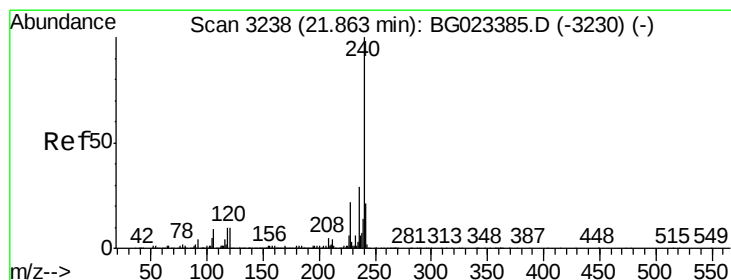
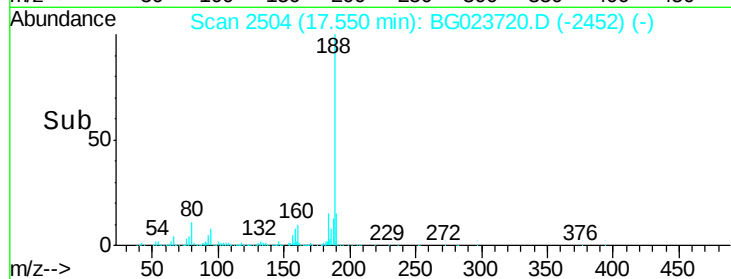
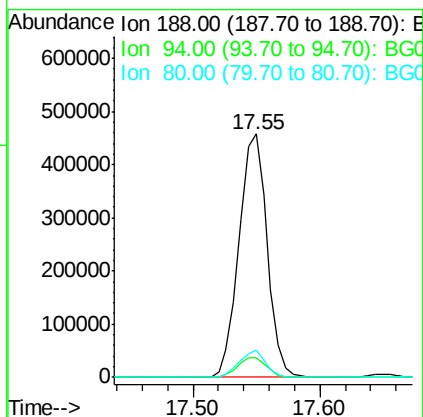
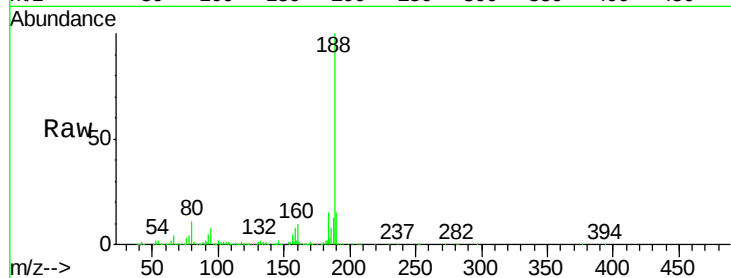




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG023720.D
Acq: 15 Aug 2016 14:05

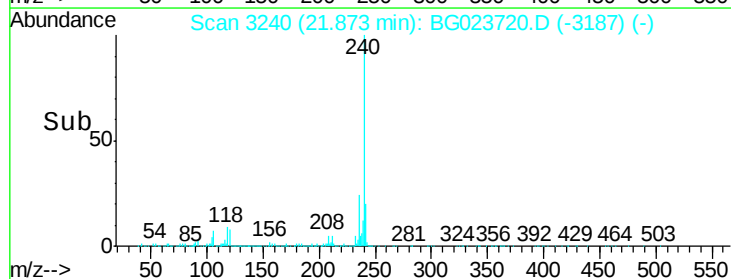
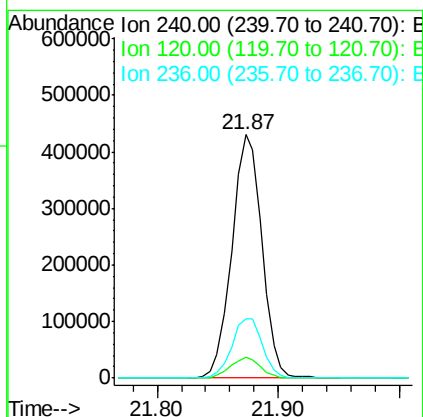
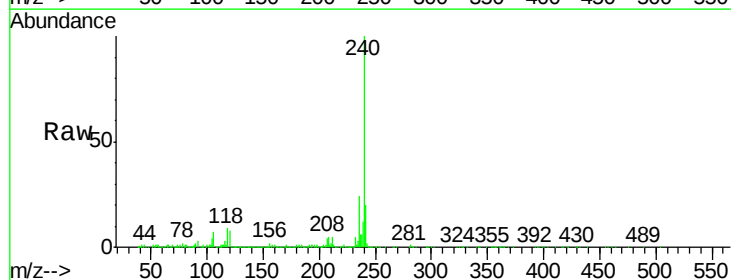
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BNA_G
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S-1

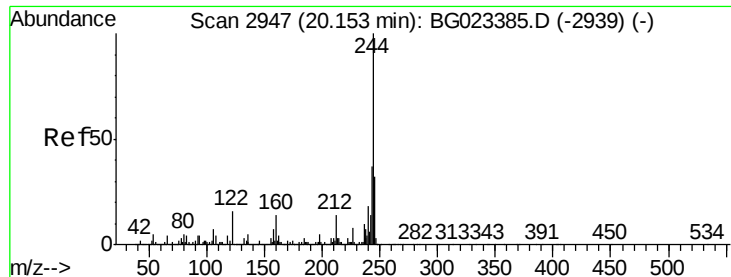
Tgt Ion:188 Resp: 701010
Ion Ratio Lower Upper
188 100
94 8.0 5.2 7.8#
80 11.0 7.2 10.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3240
Delta R.T. 0.01 min
Lab File: BG023720.D
Acq: 15 Aug 2016 14:05

Tgt Ion:240 Resp: 741724
Ion Ratio Lower Upper
240 100
120 8.5 4.1 6.1#
236 24.3 21.1 31.7





#78

Terphenyl-d14

Concen: 95.49 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG023720.D

Acq: 15 Aug 2016 14:05

Instrument :

BNA_G

ClientSampleId :

S-1

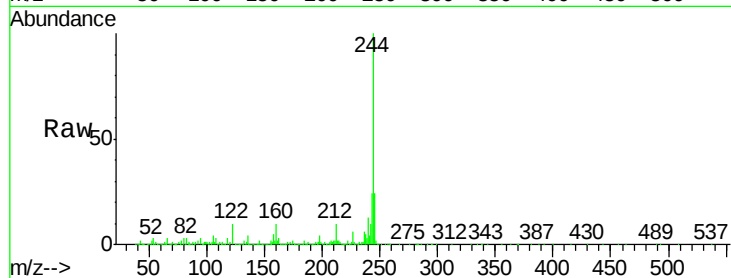
Tgt Ion:244 Resp: 2207363

Ion Ratio Lower Upper

244 100

212 10.4 10.8 16.2#

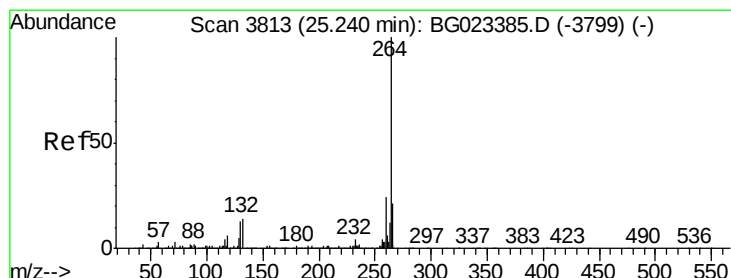
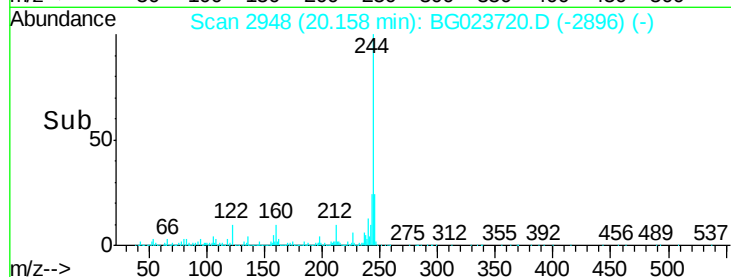
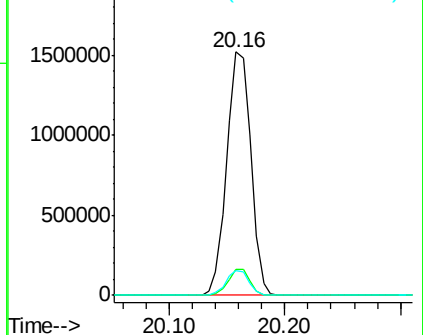
122 10.4 8.0 12.0



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: 25.27 min Scan# 3819

Delta R.T. 0.03 min

Lab File: BG023720.D

Acq: 15 Aug 2016 14:05

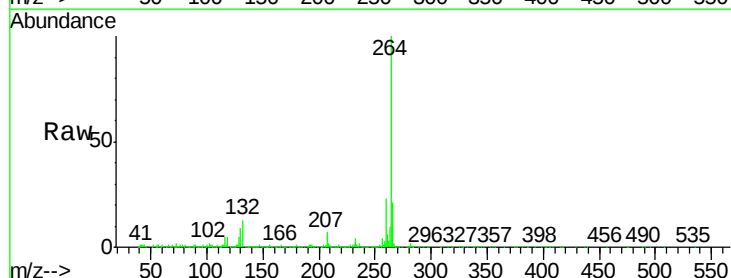
Tgt Ion:264 Resp: 730556

Ion Ratio Lower Upper

264 100

260 23.3 18.4 27.6

265 20.9 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

