

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050719\
 Data File : BG040773.D
 Acq On : 7 May 2019 17:14
 Operator : HP/JU
 Sample : K2668-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: May 08 08:41:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

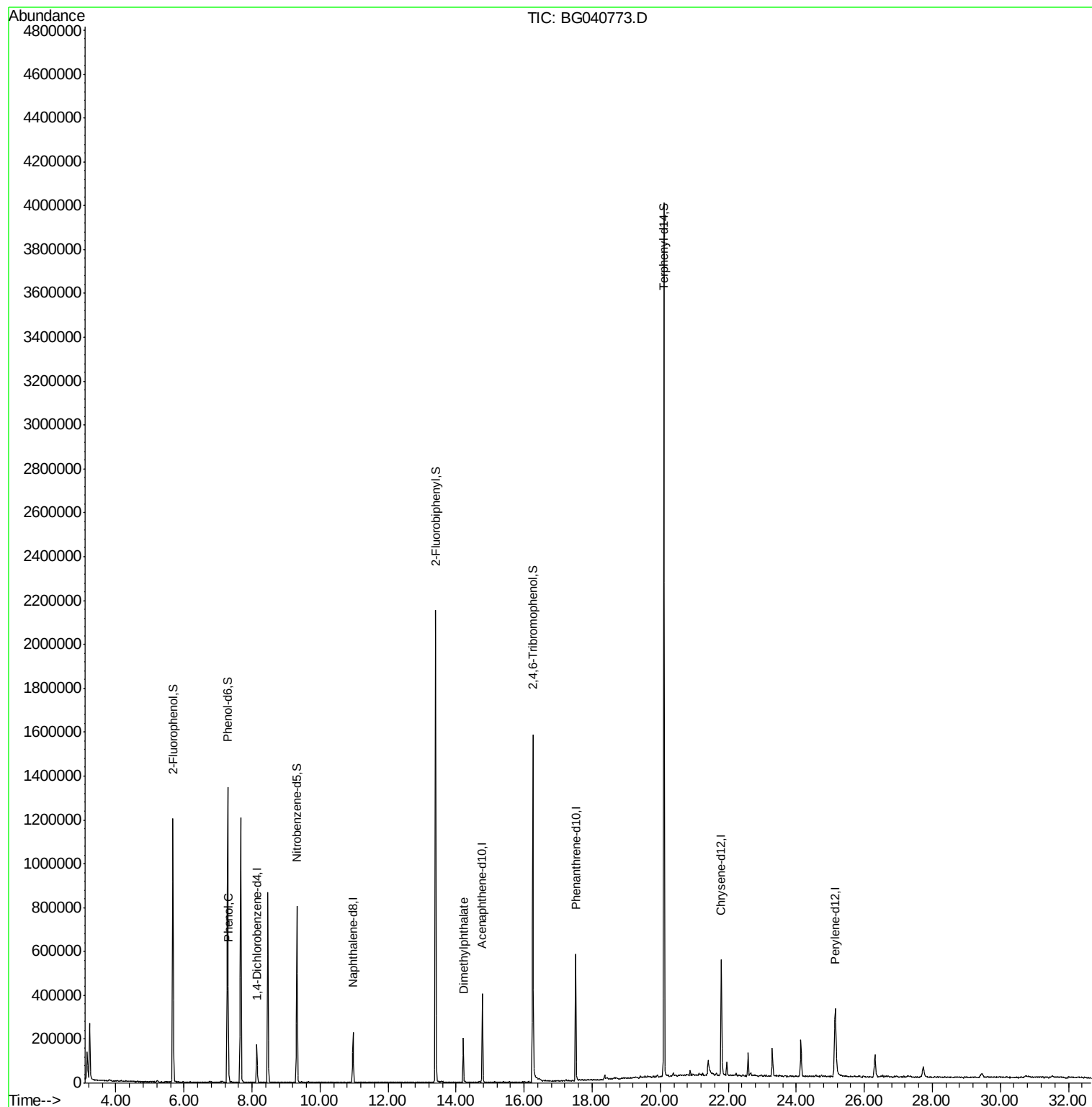
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	43477	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	181143	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	138594	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	355675	20.00	ng	-0.02
76) Chrysene-d12	21.79	240	346767	20.00	ng	-0.03
87) Perylene-d12	25.16	264	331091	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	446171	180.90	ng	-0.01
7) Phenol-d6	7.28	99	682400	179.69	ng	-0.01
23) Nitrobenzene-d5	9.32	82	471676	120.32	ng	-0.02
42) 2,4,6-Tribromophenol	16.25	330	302183	158.63	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	1061142	110.57	ng	-0.02
79) Terphenyl-d14	20.11	244	1861449	118.92	ng	-0.02
Target Compounds						
10) Phenol	7.31	94	33510	8.209	ng	84
50) Dimethylphthalate	14.22	163	127371	10.984	ng	98

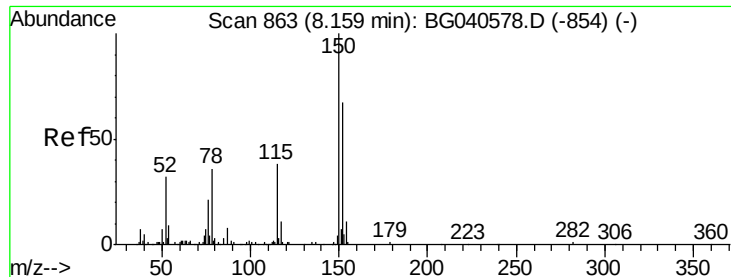
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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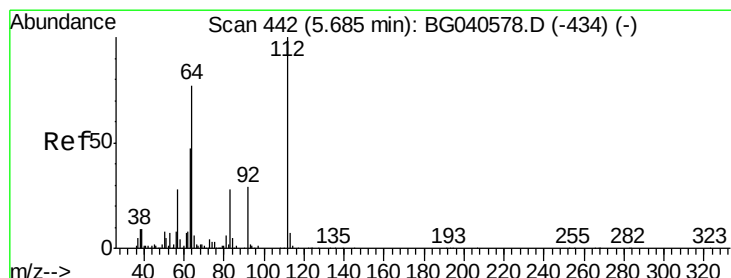
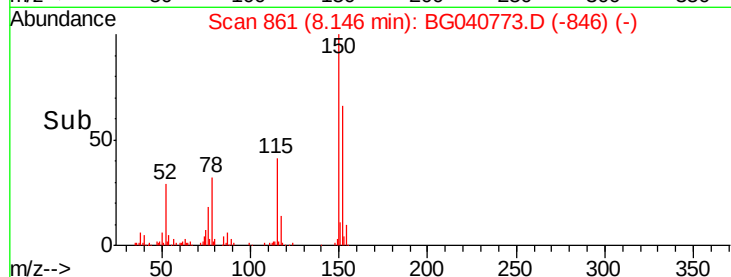
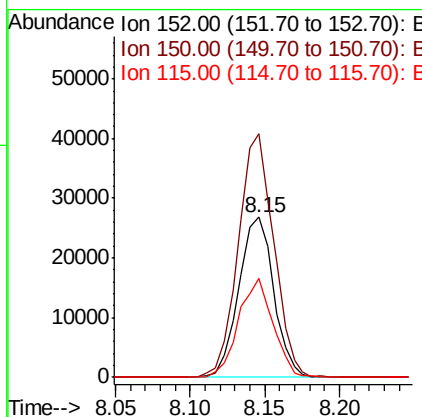
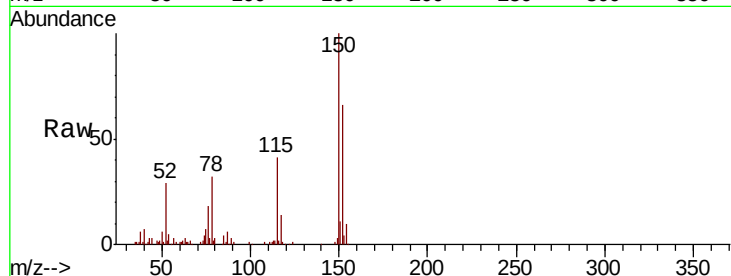


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040773.D
Acq: 7 May 2019 17:14

Instrument :
BNA_G
ClientSampled :
TP-1

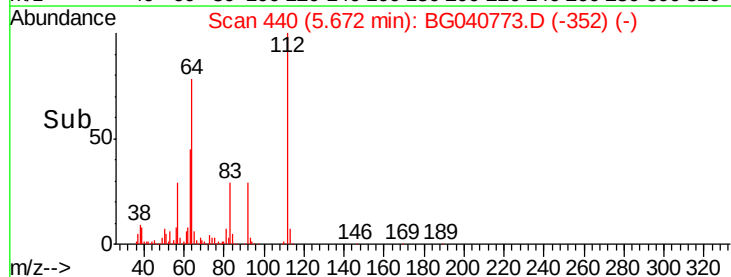
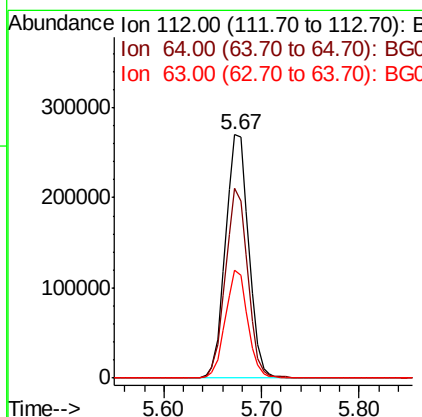
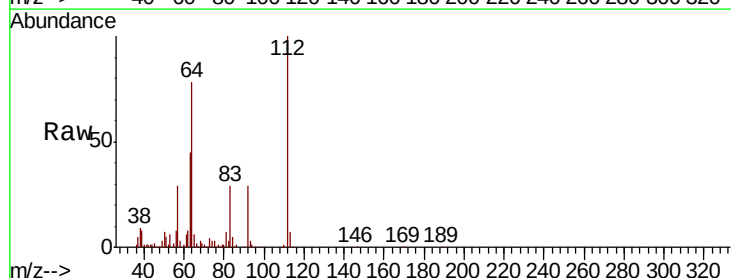
Tot Ion	152	Resp	43477
Ion	Ratio	Lower	Upper
152	100		
150	152.2	120.2	180.2
115	62.0	46.2	69.2

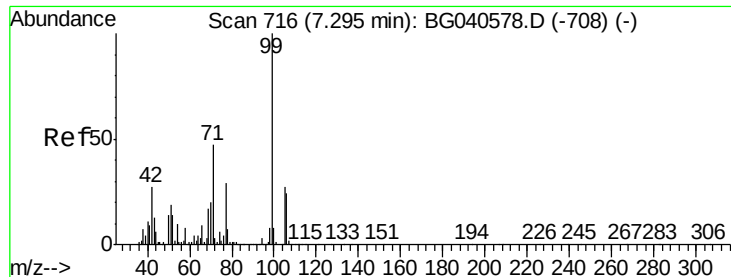


#5

2-Fluorophenol
Concen: 180.899 ng
RT: 5.67 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040773.D
Acq: 7 May 2019 17:14

Tgt Ion	112	Resp	446171
Ion	Ratio	Lower	Upper
112	100		
64	77.7	61.4	92.0
63	44.5	37.8	56.6





#7

Phenol-d6

Concen: 179.694 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040773.D

Acq: 7 May 2019 17:14

Instrument :

BNA_G

ClientSampled :

TP-1

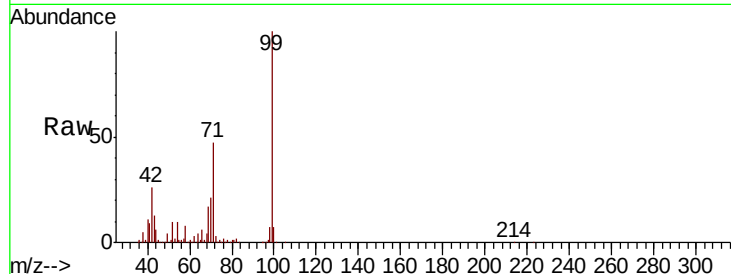
Tot Ion: 99 Resp: 682400

Ion Ratio Lower Upper

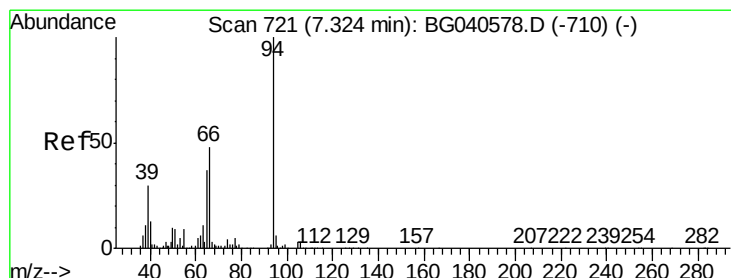
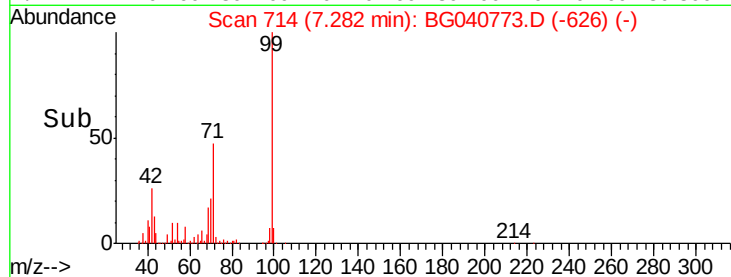
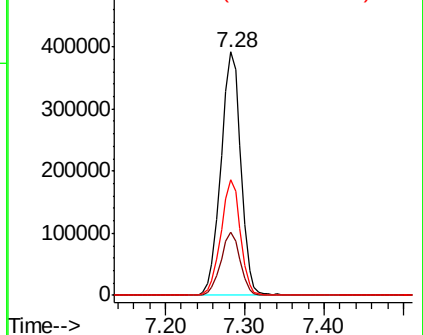
99 100

42 25.7 21.8 32.8

71 47.3 38.6 57.8



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: 8.209 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG040773.D

Acq: 7 May 2019 17:14

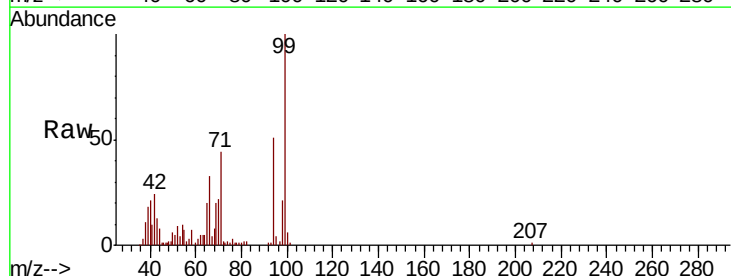
Tgt Ion: 94 Resp: 33510

Ion Ratio Lower Upper

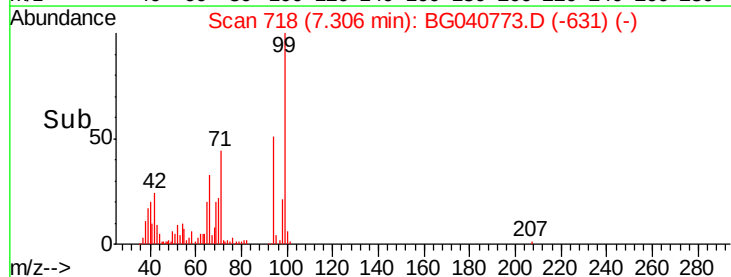
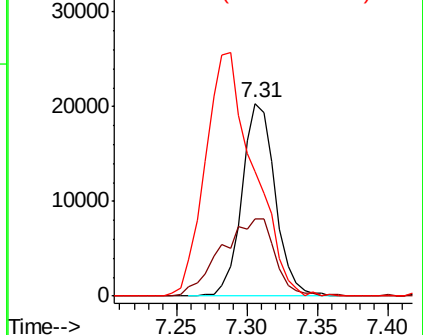
94 100

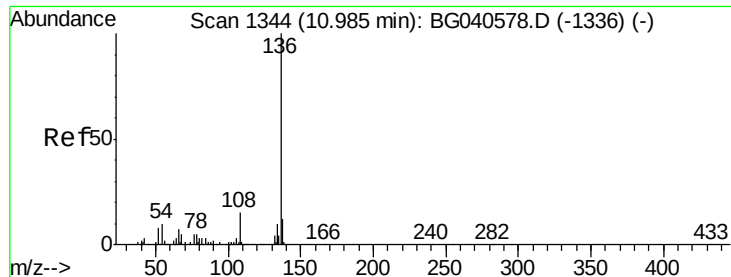
65 40.3 17.0 57.0

66 64.7 28.6 68.6



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

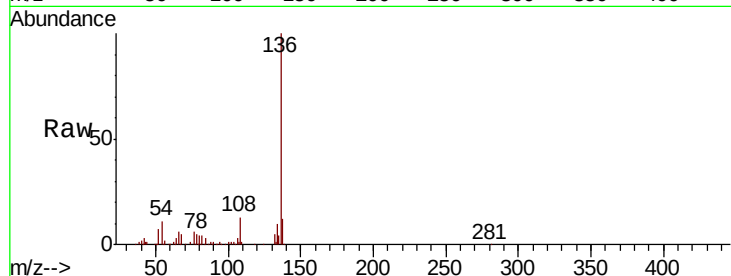




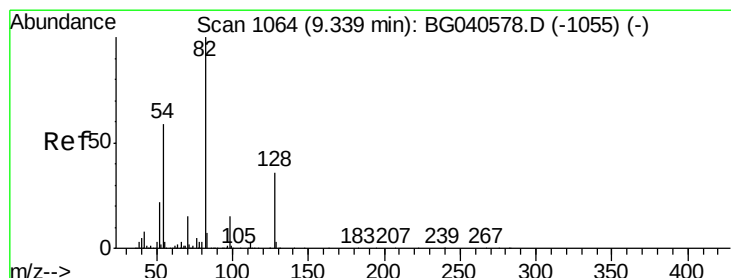
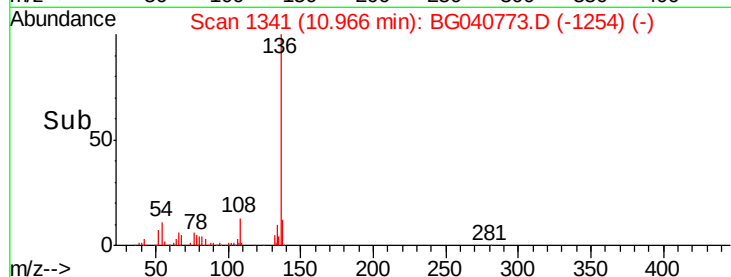
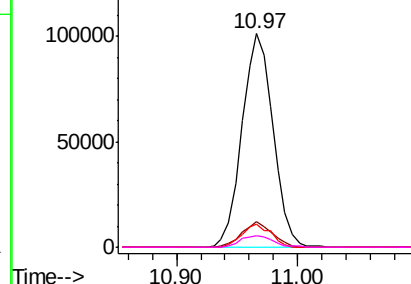
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040773.D
Acq: 7 May 2019 17:14

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion:136	Resp:	181143
Ion Ratio	Lower	Upper
136 100		
137 12.1	9.7	14.5
54 11.0	8.6	12.8
68 5.5	4.8	7.2

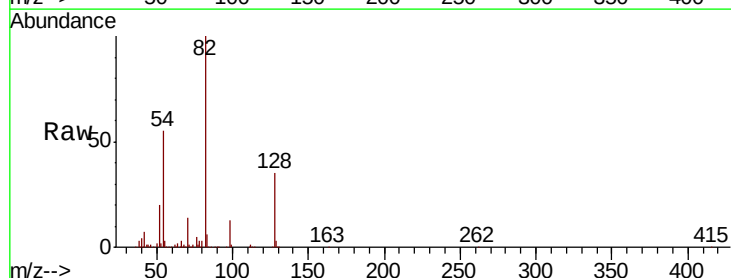


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

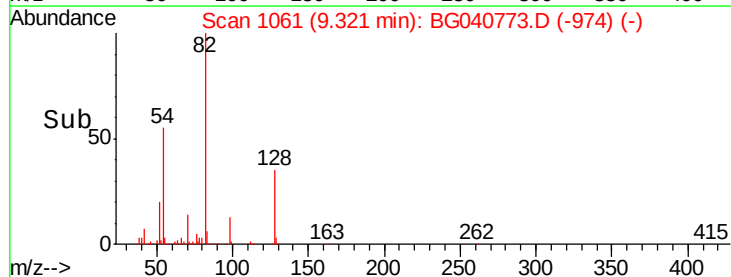
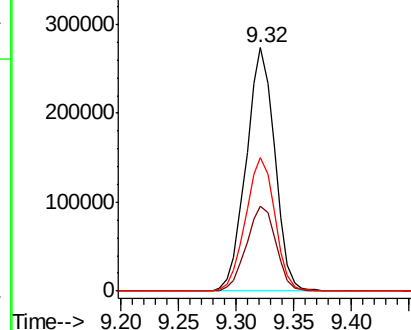


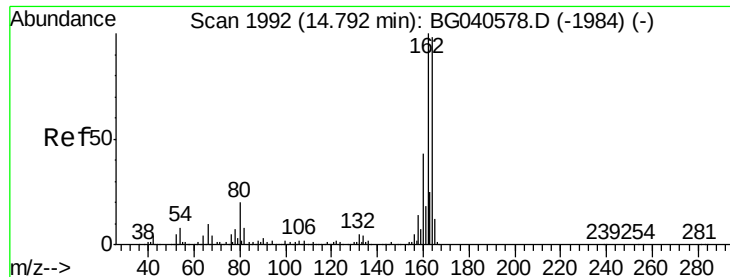
#23
Nitrobenzene-d5
Concen: 120.316 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040773.D
Acq: 7 May 2019 17:14

Tgt	Ion: 82	Resp:	471676
Ion	Ratio	Lower	Upper
82	100		
128	34.9	28.9	43.3
54	54.7	47.2	70.8



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040773.D

Acq: 7 May 2019 17:14

Instrument :

BNA_G

ClientSampleId :

TP-1

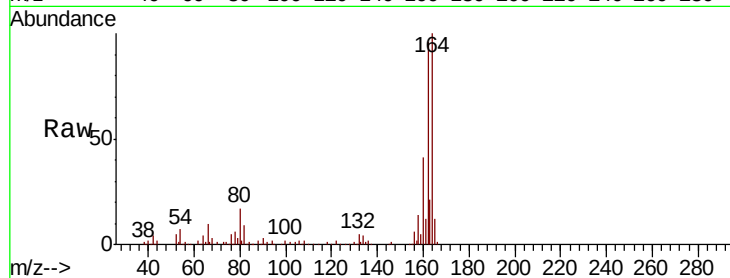
Tot Ion:164 Resp: 138594

Ion Ratio Lower Upper

164 100

162 95.9 81.9 122.9

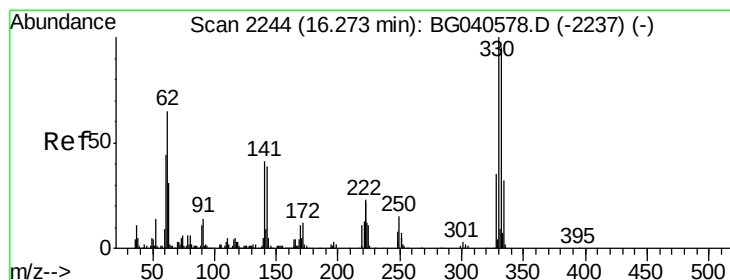
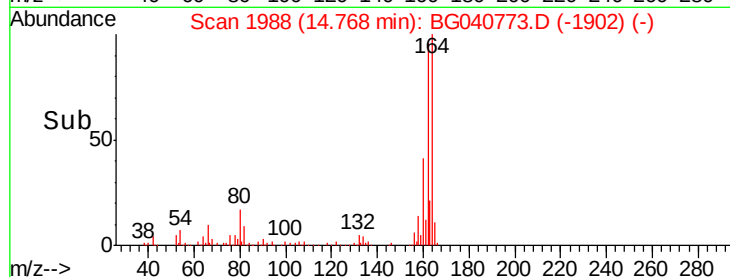
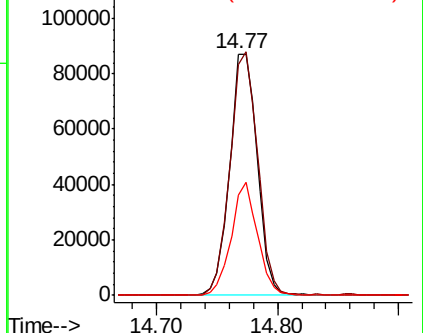
160 41.4 35.4 53.2



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



#42

2,4,6-Tribromophenol

Concen: 158.626 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040773.D

Acq: 7 May 2019 17:14

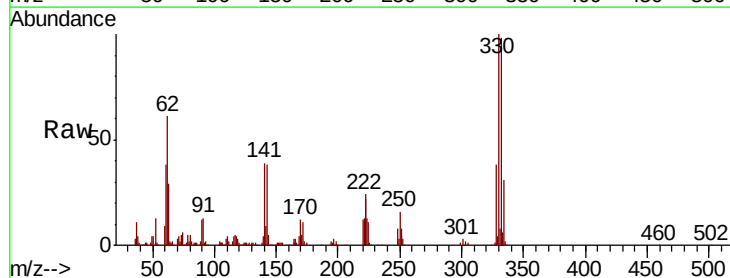
Tgt Ion:330 Resp: 302183

Ion Ratio Lower Upper

330 100

332 96.6 75.9 113.9

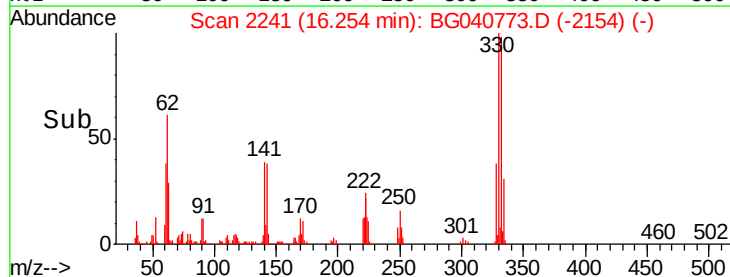
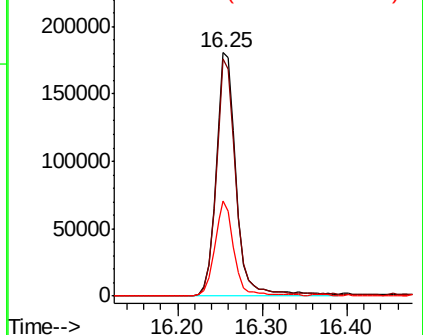
141 37.1 32.4 48.6

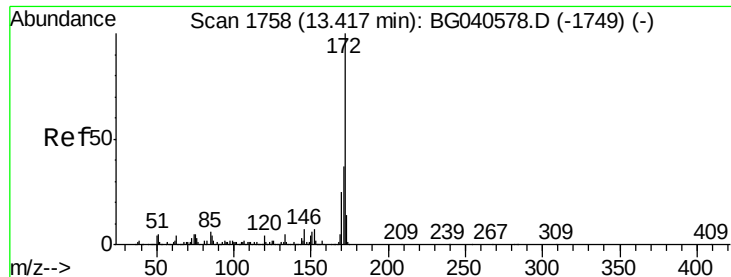


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



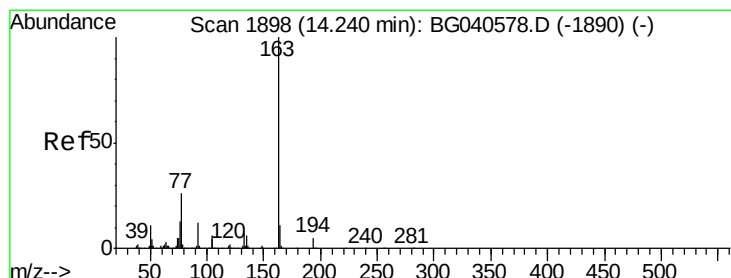
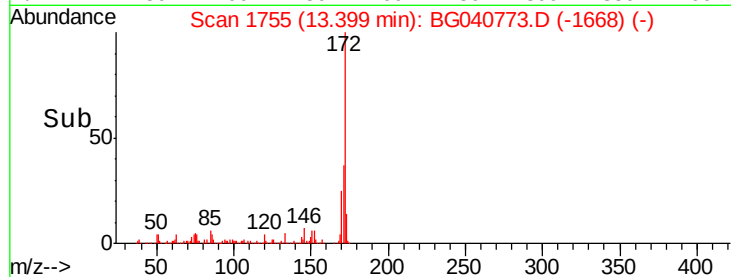
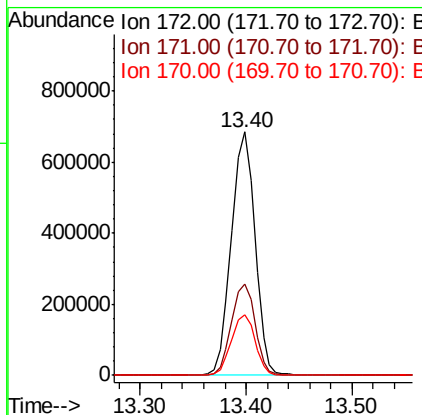
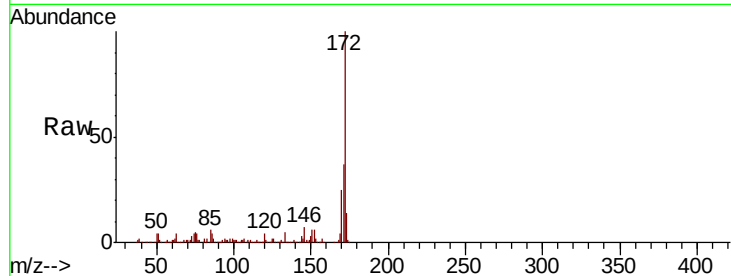


#45
2-Fluorobiphenyl
Concen: 110.575 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG040773.D
Acq: 7 May 2019 17:14

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion:172 Resp: 1061142

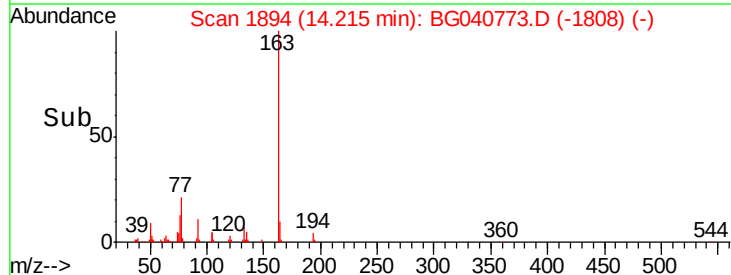
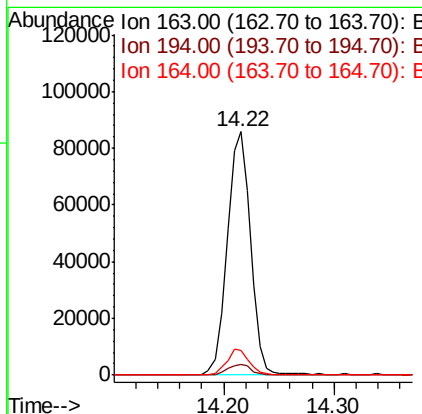
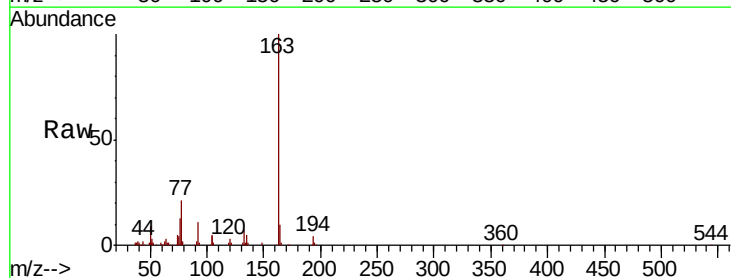
Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.4	44.2
170	25.1	19.9	29.9

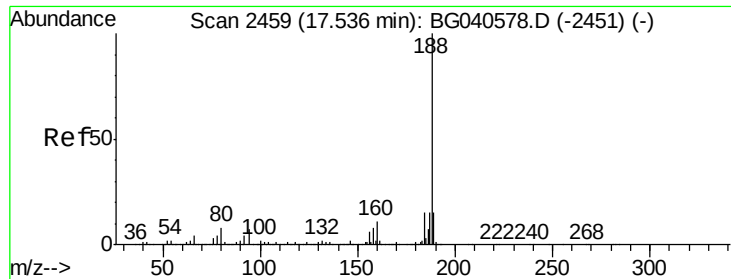


#50
Dimethylphthalate
Concen: 10.984 ng
RT: 14.22 min Scan# 1894
Delta R.T. -0.02 min
Lab File: BG040773.D
Acq: 7 May 2019 17:14

Tgt Ion:163 Resp: 127371

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.8	5.8
164	10.0	8.8	13.2

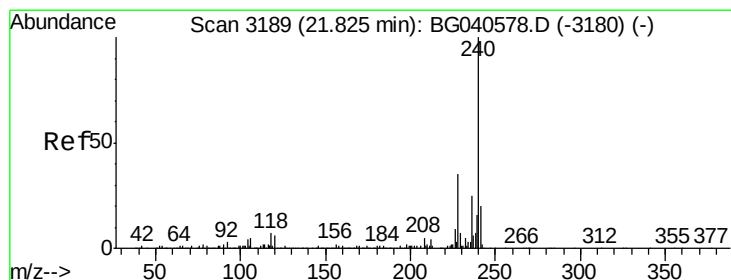
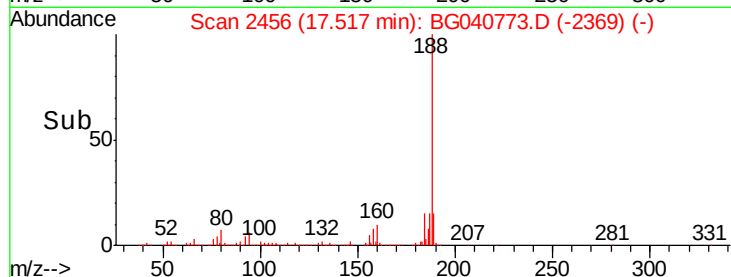
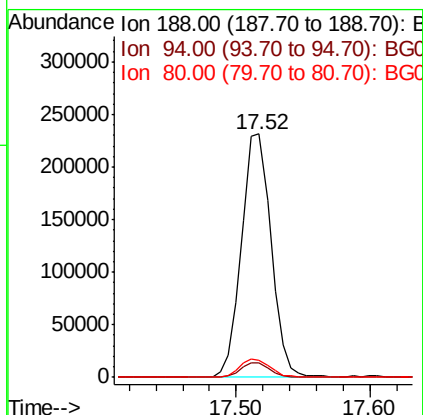
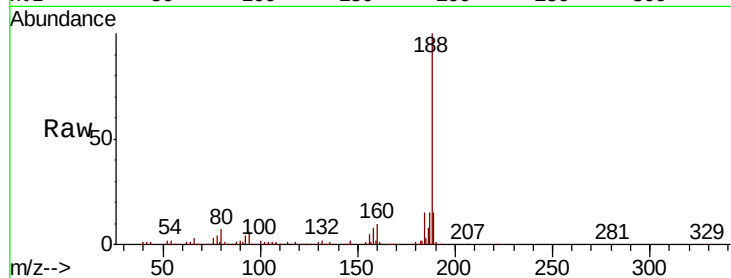




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040773.D
Acq: 7 May 2019 17:14

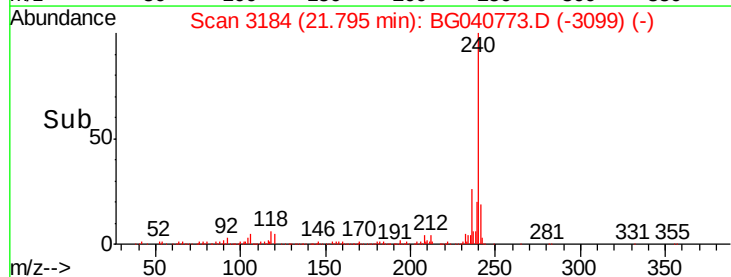
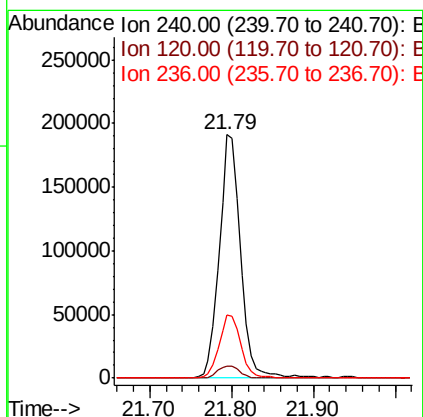
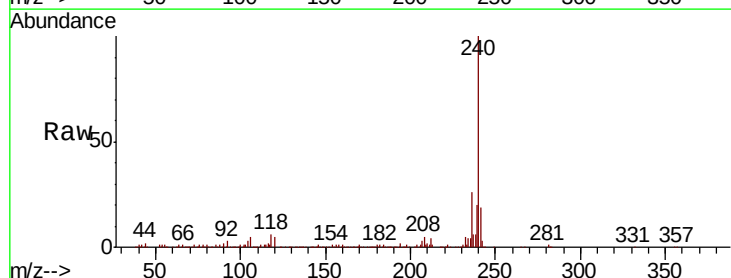
Instrument :
BNA_G
ClientSampleId :
TP-1

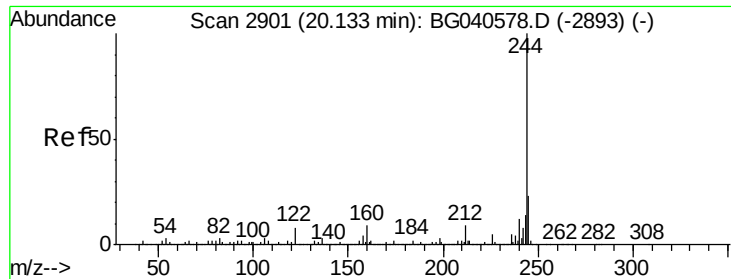
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.6	8.4
80	7.2	6.4	9.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.03 min
Lab File: BG040773.D
Acq: 7 May 2019 17:14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.9	5.0	7.6#
236	26.1	20.3	30.5





#79

Terphenyl-d14

Concen: 118.924 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040773.D

Acq: 7 May 2019 17:14

Instrument :

BNA_G

ClientSampleId :

TP-1

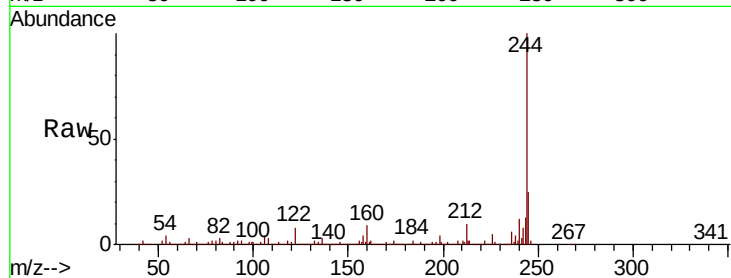
Tot Ion:244 Resp: 1861449

Ion Ratio Lower Upper

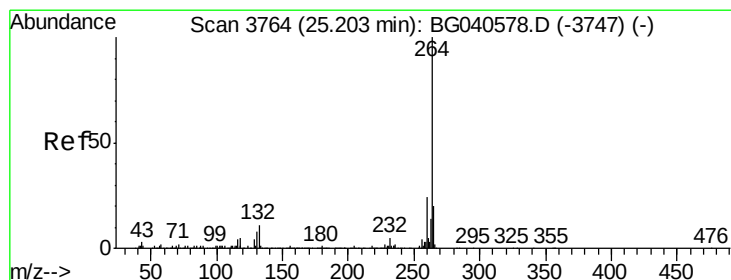
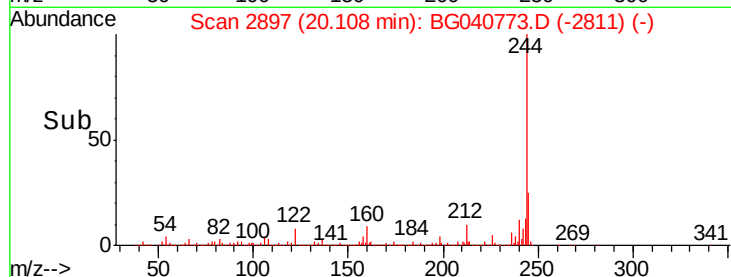
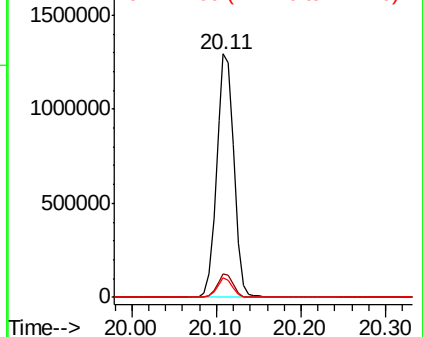
244 100

212 9.6 7.2 10.8

122 7.8 6.6 10.0



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3756

Delta R.T. -0.05 min

Lab File: BG040773.D

Acq: 7 May 2019 17:14

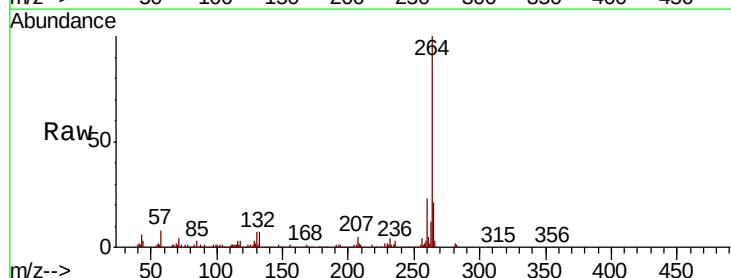
Tgt Ion:264 Resp: 331091

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.1 16.6 25.0



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

