

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
 Data File : BG020017.D
 Acq On : 8 Dec 2015 14:26
 Operator : UM/SJ
 Sample : G4684-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 UST-4

Quant Time: Dec 09 04:03:42 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

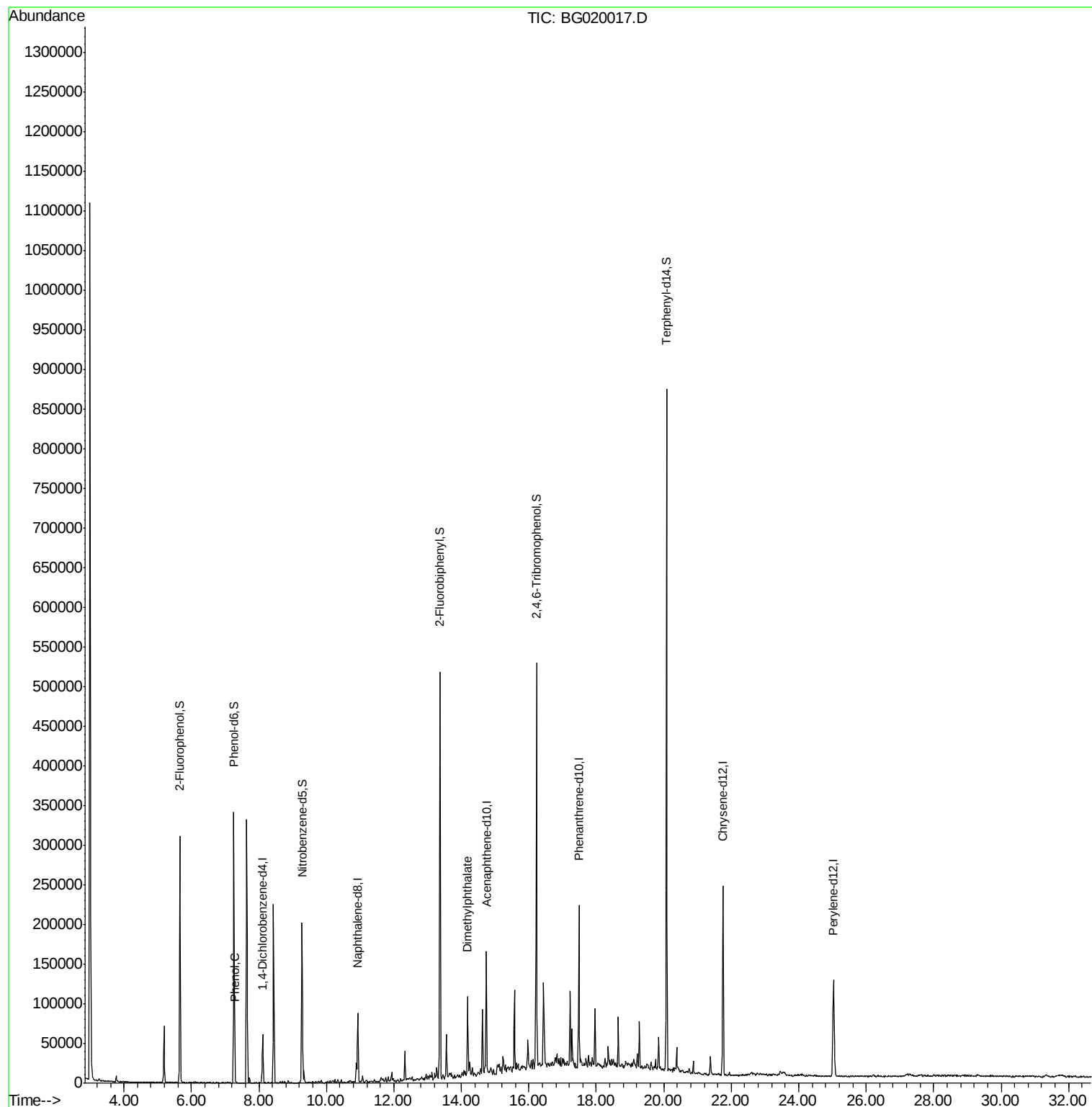
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	16941	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	72328	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	49088	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	118948	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	151621	20.00	ng	-0.04
86) Perylene-d12	25.03	264	144091	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	129363	138.01	ng	-0.01
7) Phenol-d6	7.26	99	193812	136.95	ng	-0.01
23) Nitrobenzene-d5	9.28	82	125721	88.71	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	95264	126.84	ng	-0.02
44) 2-Fluorobiphenyl	13.36	172	256100	71.24	ng	-0.03
78) Terphenyl-d14	20.09	244	396298	63.75	ng	-0.03
Target Compounds						
10) Phenol	7.29	94	2993	2.01	ng	Qvalue # 66
49) Dimethylphthalate	14.19	163	54836	12.42	ng	97

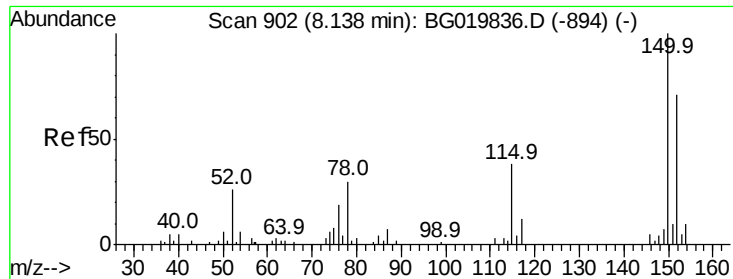
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 897

Delta R.T. -0.03 min

Lab File: BG020017.D

Acq: 8 Dec 2015 14:26

Instrument :

BNA_G

ClientSampleId :

UST-4

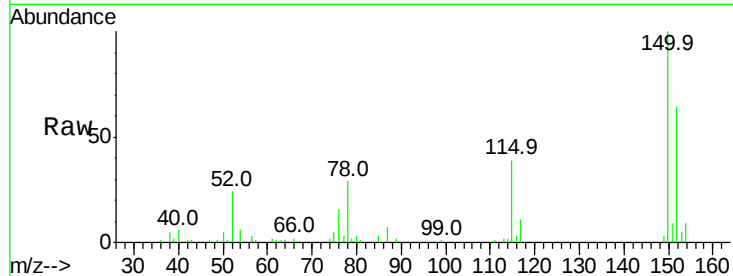
Tot Ion:152 Resp: 16941

Ion Ratio Lower Upper

152 100

150 156.2 115.0 172.4

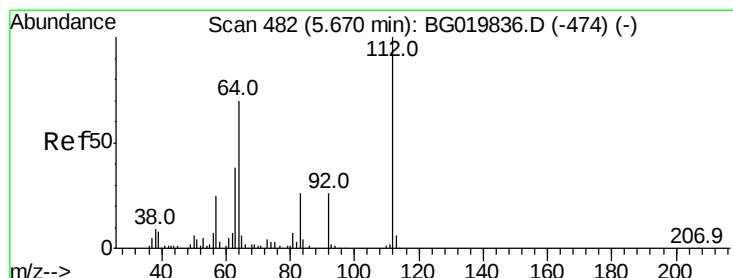
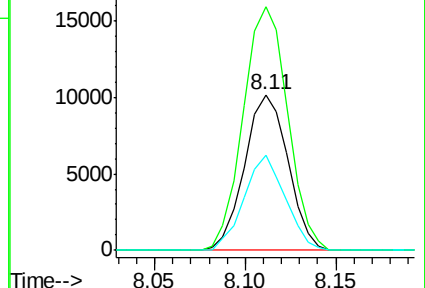
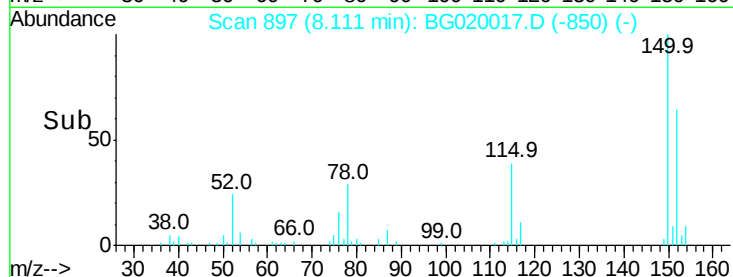
115 60.9 43.9 65.9



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: 138.01 ng

RT: 5.66 min Scan# 479

Delta R.T. -0.01 min

Lab File: BG020017.D

Acq: 8 Dec 2015 14:26

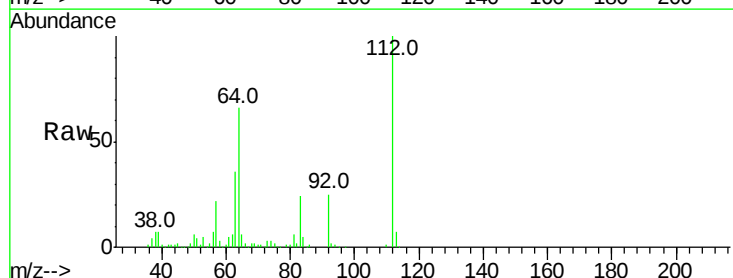
Tgt Ion:112 Resp: 129363

Ion Ratio Lower Upper

112 100

64 65.8 43.7 65.5#

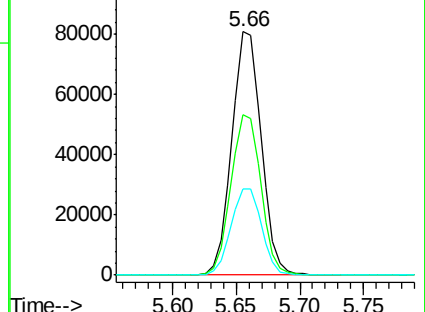
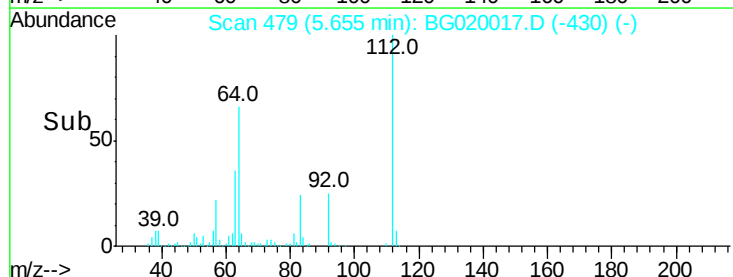
63 35.6 24.0 36.0

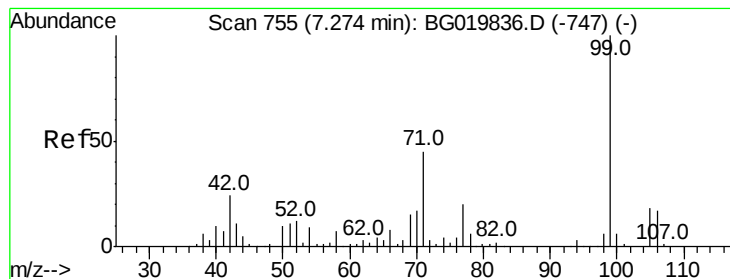


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 136.95 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.01 min

Lab File: BG020017.D

Acq: 8 Dec 2015 14:26

Instrument :

BNA_G

ClientSampled :

UST-4

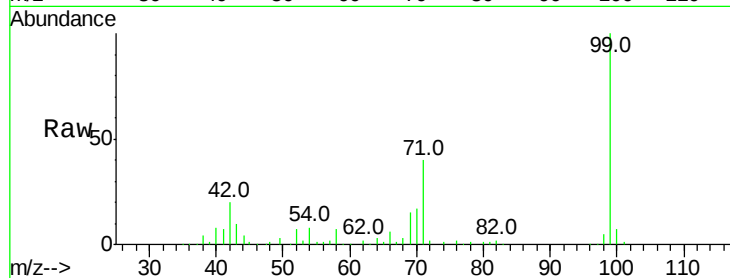
Tot Ion: 99 Resp: 193812

Ion Ratio Lower Upper

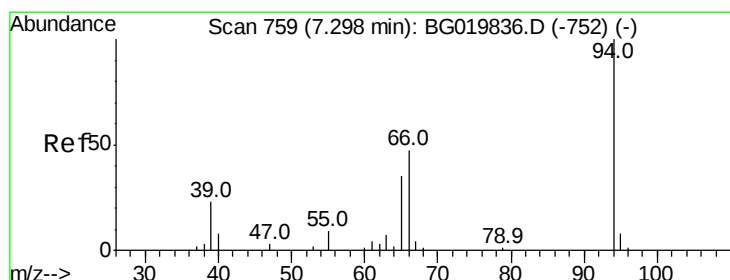
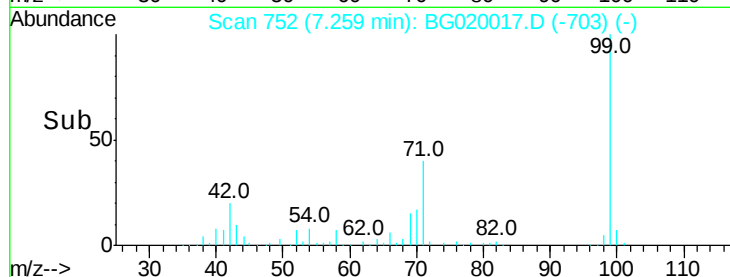
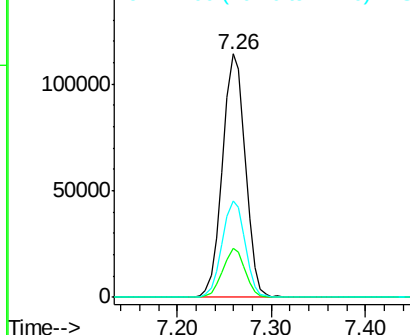
99 100

42 20.1 11.5 17.3#

71 39.6 22.6 34.0#



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: 2.01 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG020017.D

Acq: 8 Dec 2015 14:26

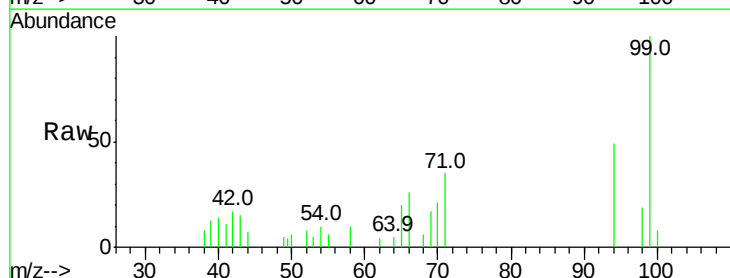
Tgt Ion: 94 Resp: 2993

Ion Ratio Lower Upper

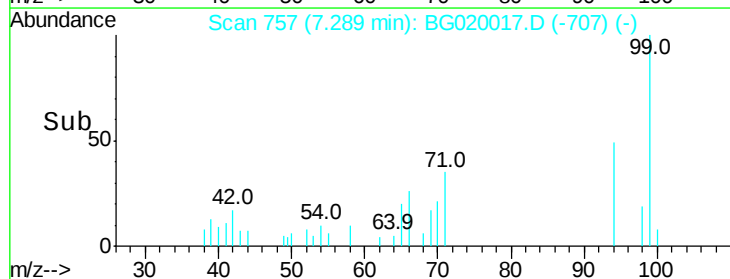
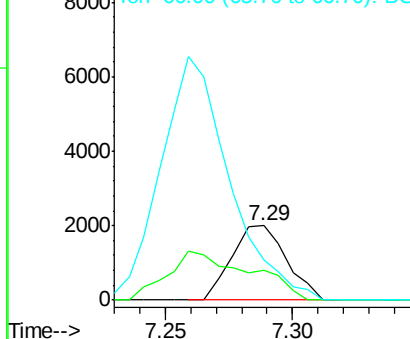
94 100

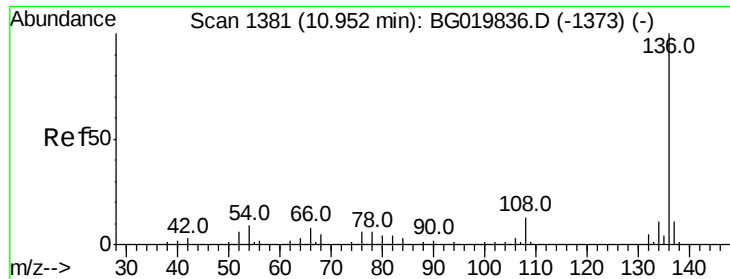
65 39.9 5.4 45.4

66 53.2 11.8 51.8#



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

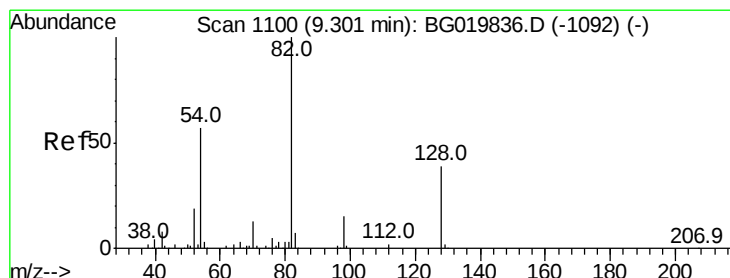
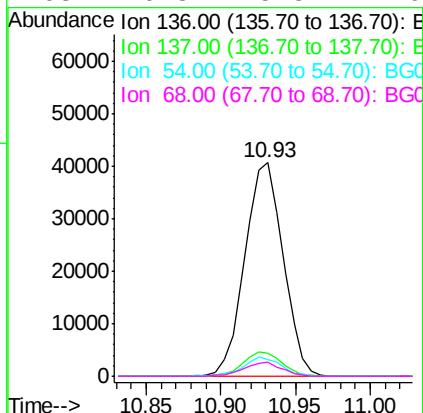
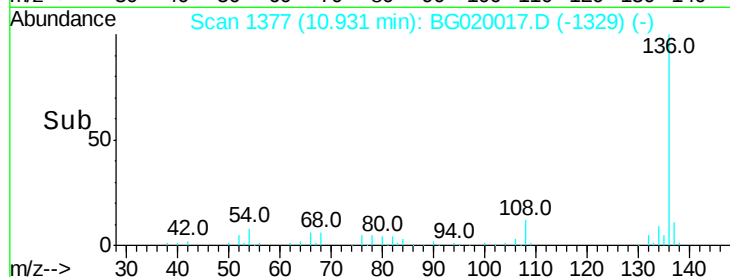
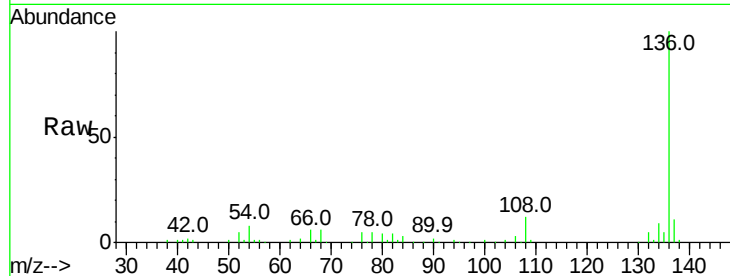




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG020017.D
Acq: 8 Dec 2015 14:26

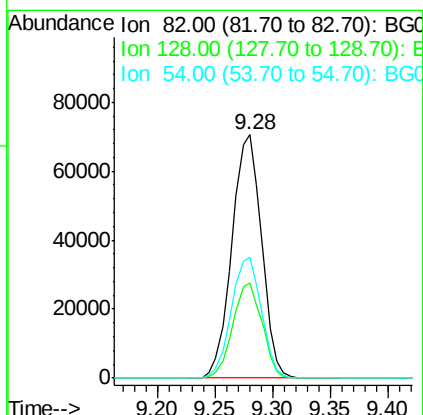
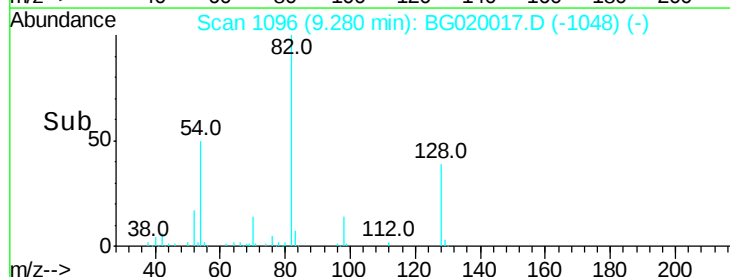
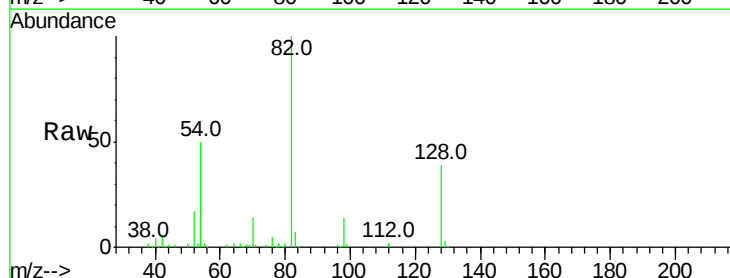
Instrument :
BNA_G
ClientSampleId :
UST-4

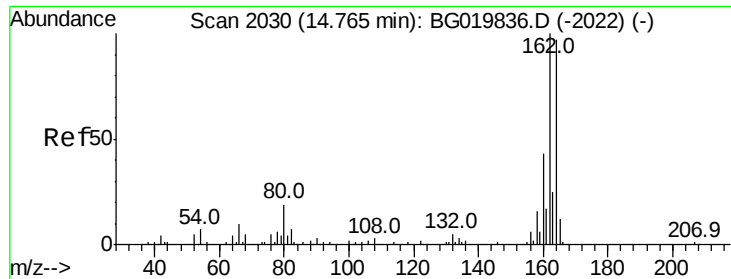
Tot Ion:	136	Resp:	72328
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	7.9	5.4	8.2
68	6.3	5.3	7.9



#23
Nitrobenzene-d5
Concen: 88.71 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020017.D
Acq: 8 Dec 2015 14:26

Tgt Ion:	82	Resp:	125721
Ion	Ratio	Lower	Upper
82	100		
128	38.9	36.7	55.1
54	49.8	33.8	50.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.74 min Scan# 2025

Delta R.T. -0.03 min

Lab File: BG020017.D

Acq: 8 Dec 2015 14:26

Instrument :

BNA_G

ClientSampleId :

UST-4

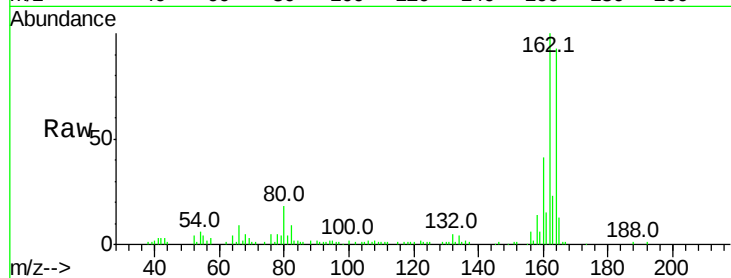
Tot Ion:164 Resp: 49088

Ion Ratio Lower Upper

164 100

162 107.4 78.8 118.2

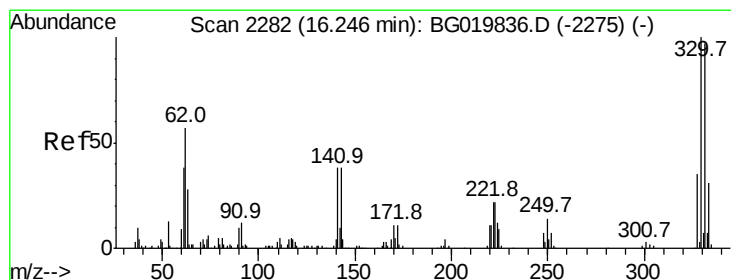
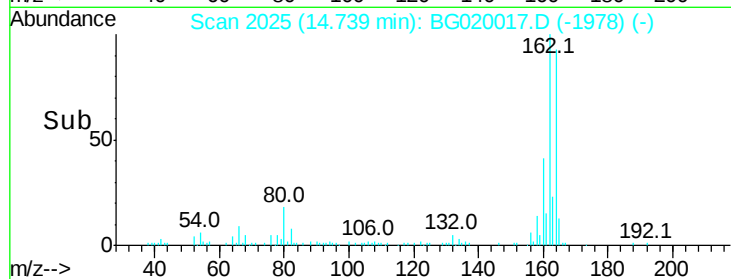
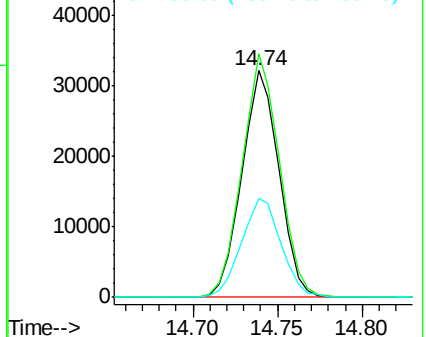
160 43.6 36.4 54.6



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: 126.84 ng

RT: 16.23 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BG020017.D

Acq: 8 Dec 2015 14:26

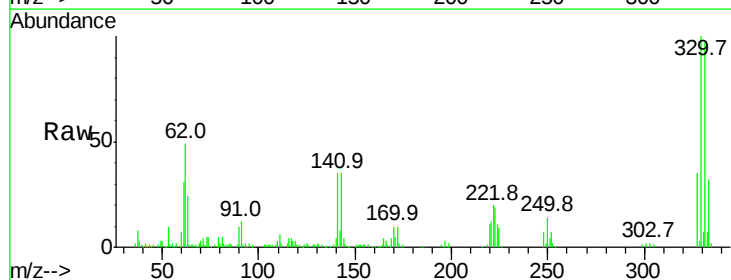
Tgt Ion:330 Resp: 95264

Ion Ratio Lower Upper

330 100

332 96.8 78.1 117.1

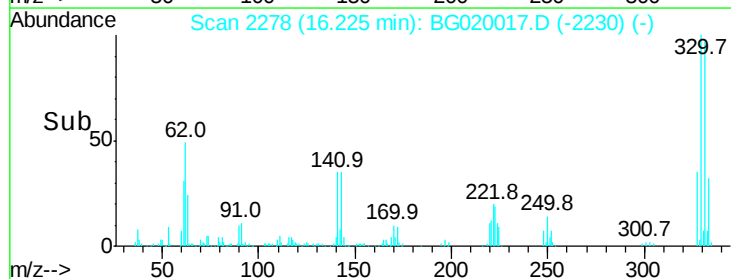
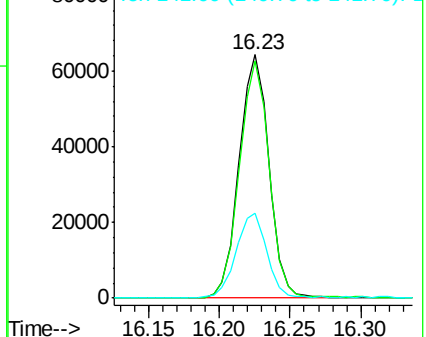
141 35.0 28.2 42.2

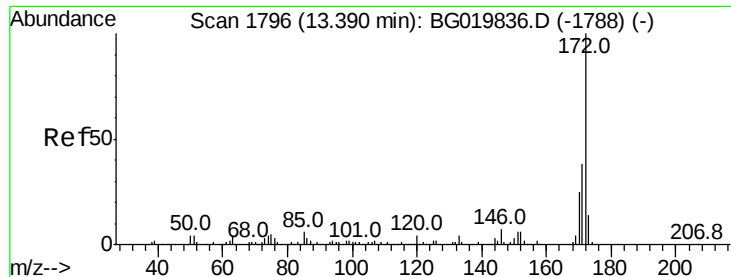


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

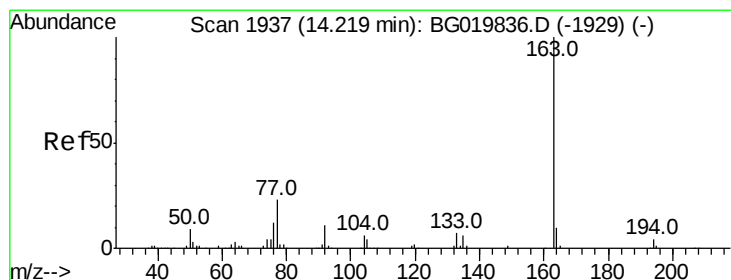
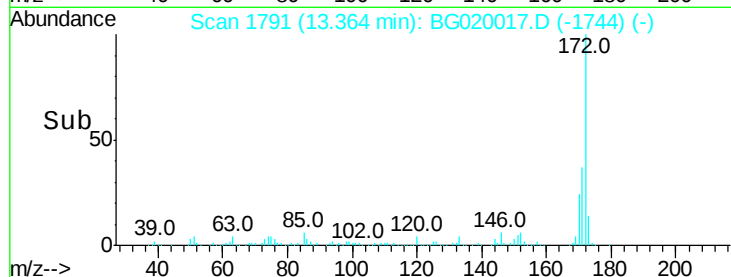
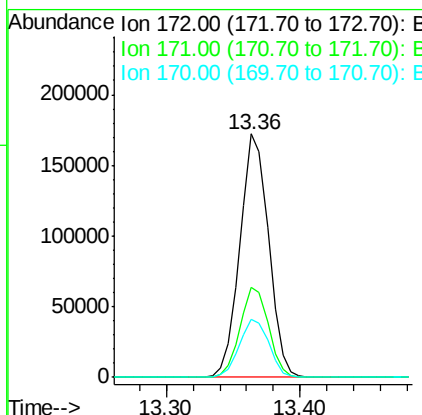
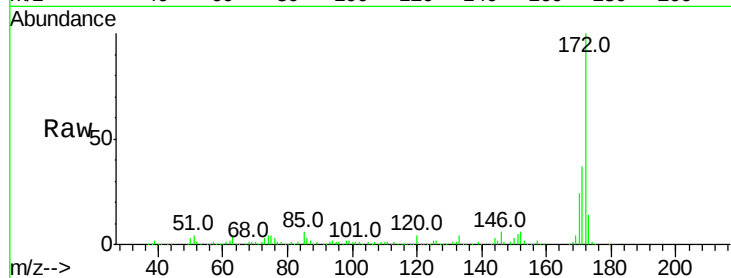




#44
2-Fluorobiphenyl
Concen: 71.24 ng
RT: 13.36 min Scan# 1791
Delta R.T. -0.03 min
Lab File: BG020017.D
Acq: 8 Dec 2015 14:26

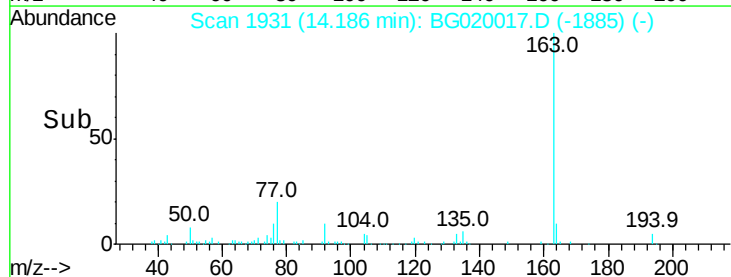
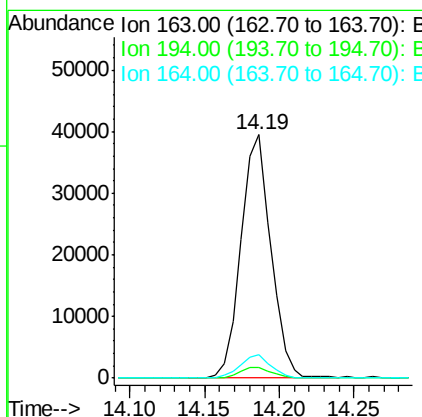
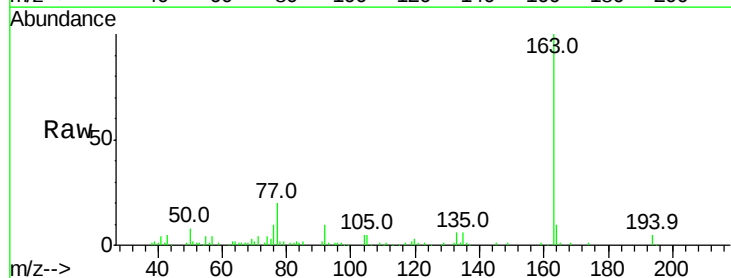
Instrument :
BNA_G
ClientSampleId :
UST-4

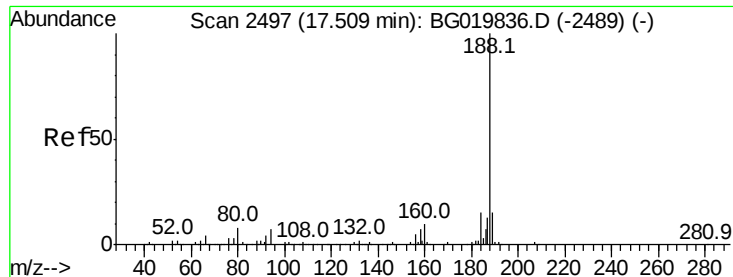
Tot Ion:172 Resp: 256100
Ion Ratio Lower Upper
172 100
171 36.9 29.0 43.6
170 23.6 19.9 29.9



#49
Dimethylphthalate
Concen: 12.42 ng
RT: 14.19 min Scan# 1931
Delta R.T. -0.03 min
Lab File: BG020017.D
Acq: 8 Dec 2015 14:26

Tgt Ion:163 Resp: 54836
Ion Ratio Lower Upper
163 100
194 4.6 3.1 4.7
164 9.7 8.8 13.2

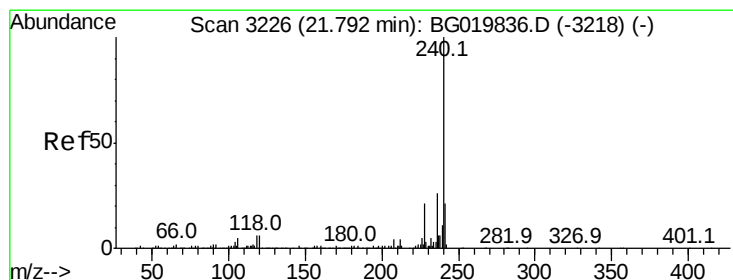
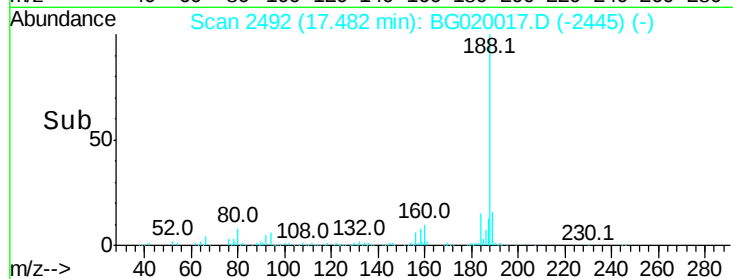
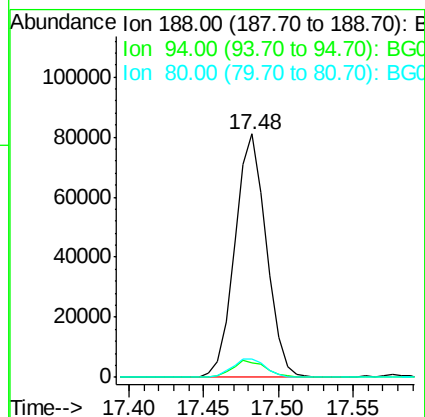
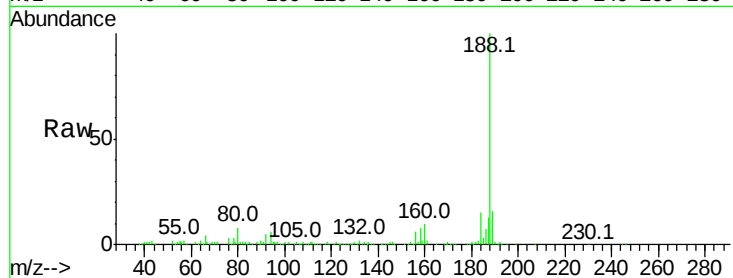




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020017.D
Acq: 8 Dec 2015 14:26

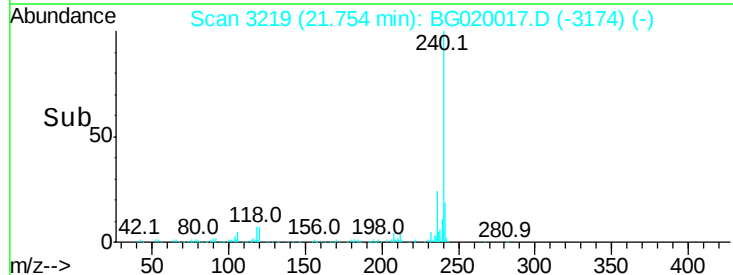
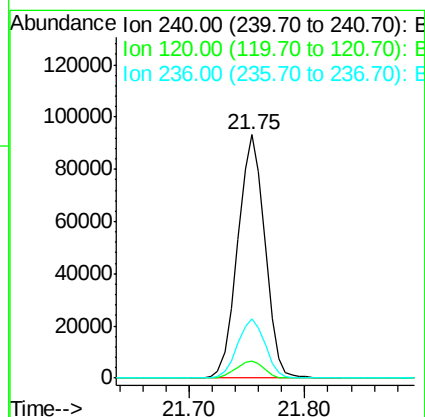
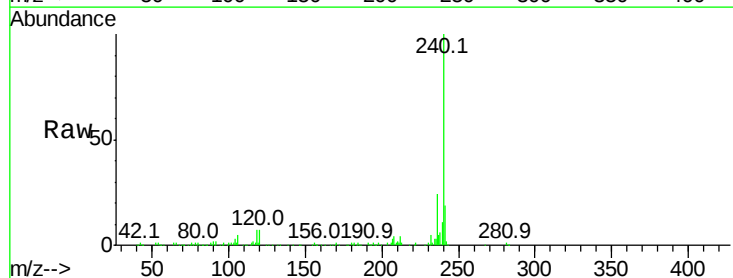
Instrument :
BNA_G
ClientSampleId :
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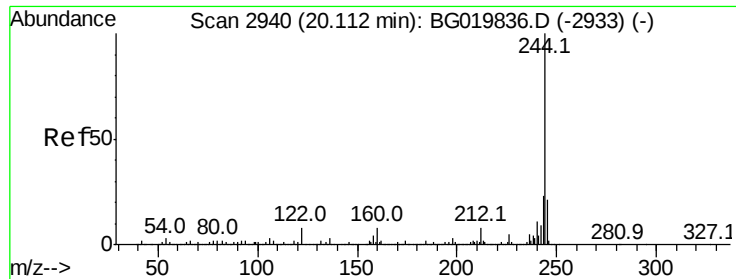
Tot Ion:188 Resp: 118948
Ion Ratio Lower Upper
188 100
94 6.1 7.7 11.5#
80 7.7 7.8 11.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG020017.D
Acq: 8 Dec 2015 14:26

Tgt Ion:240 Resp: 151621
Ion Ratio Lower Upper
240 100
120 7.2 7.4 11.0#
236 24.3 20.7 31.1





#78

Terphenyl-d14

Concen: 63.75 ng

RT: 20.09 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG020017.D

Acq: 8 Dec 2015 14:26

Instrument :

BNA_G

ClientSampleId :

UST-4

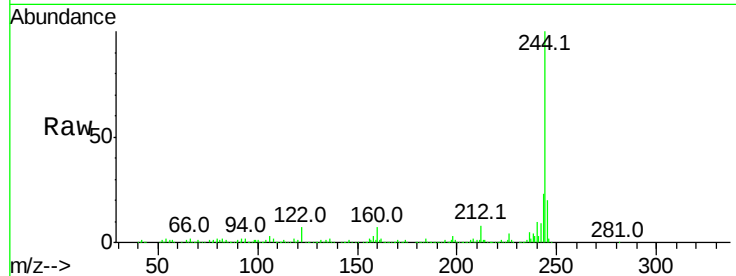
Tot Ion:244 Resp: 396298

Ion Ratio Lower Upper

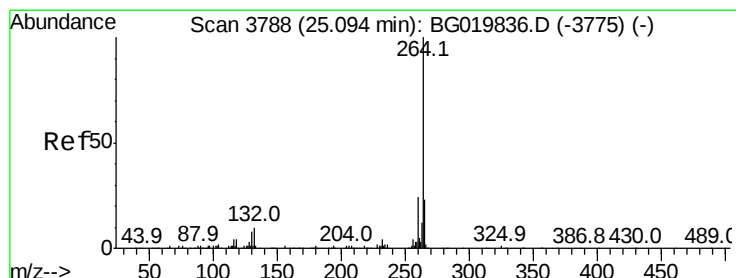
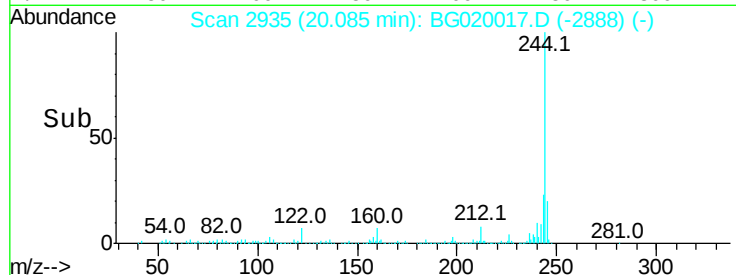
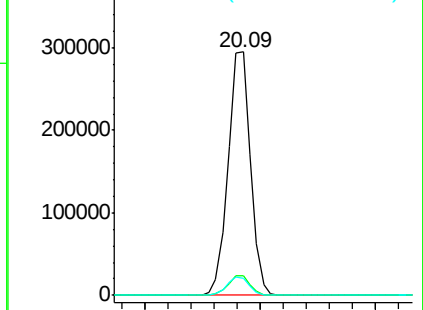
244 100

212 7.8 6.9 10.3

122 7.2 10.2 15.2#



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: 25.03 min Scan# 3777

Delta R.T. -0.06 min

Lab File: BG020017.D

Acq: 8 Dec 2015 14:26

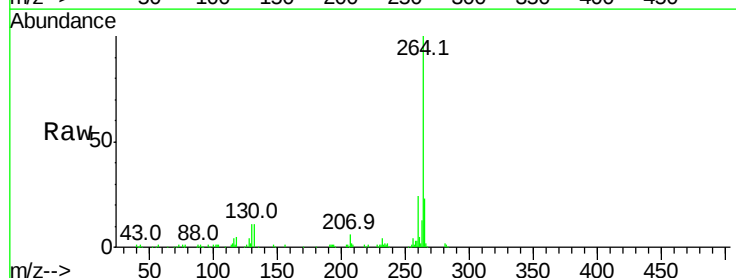
Tgt Ion:264 Resp: 144091

Ion Ratio Lower Upper

264 100

260 24.3 18.5 27.7

265 22.9 17.2 25.8



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

