

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
 Data File : BG020077.D
 Acq On : 10 Dec 2015 15:59
 Operator : UM/SJ
 Sample : G4683-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S9-14.5

Quant Time: Dec 11 04:45:46 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

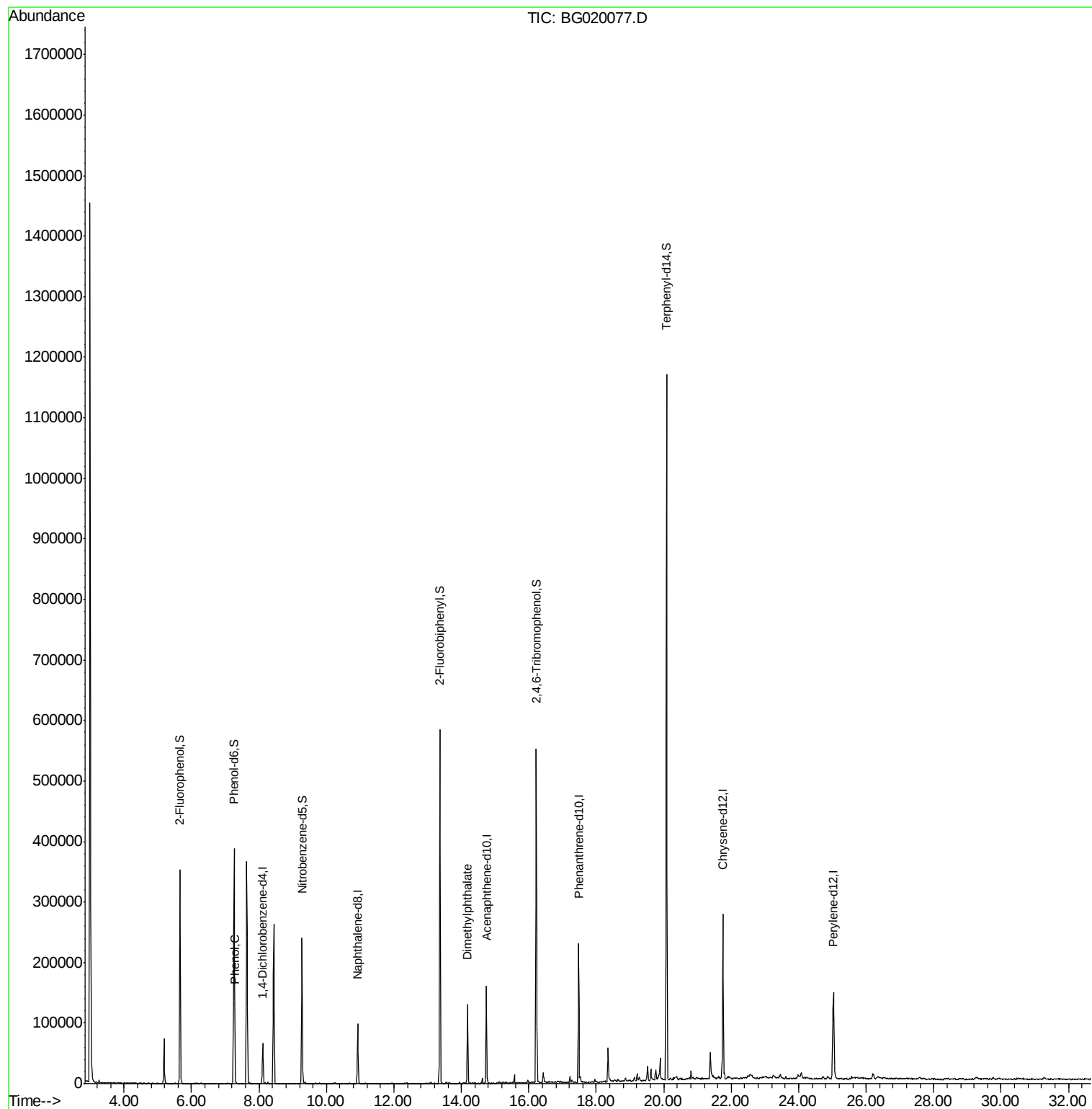
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	19074	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	82943	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	56720	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	139585	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	167730	20.00	ng	-0.04
86) Perylene-d12	25.03	264	158291	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	145439	137.81	ng	-0.01
7) Phenol-d6	7.26	99	219278	137.61	ng	-0.01
23) Nitrobenzene-d5	9.28	82	144384	88.84	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	102784	118.43	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	310125	74.66	ng	-0.02
78) Terphenyl-d14	20.08	244	518127	75.35	ng	-0.03
Target Compounds						
10) Phenol	7.29	94	3758	2.24	ng	Qvalue # 51
49) Dimethylphthalate	14.18	163	80000	15.68	ng	98

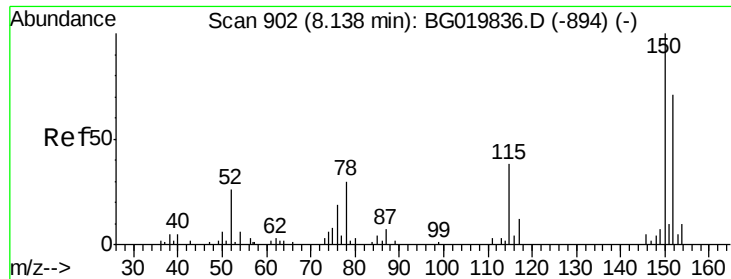
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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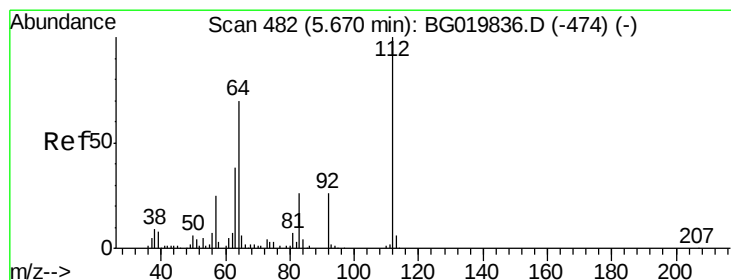
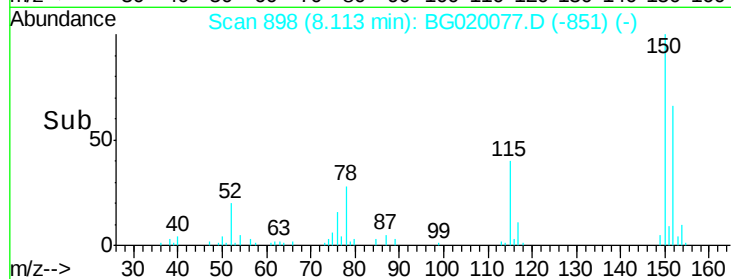
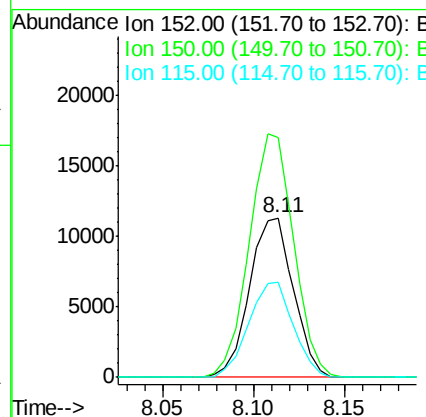
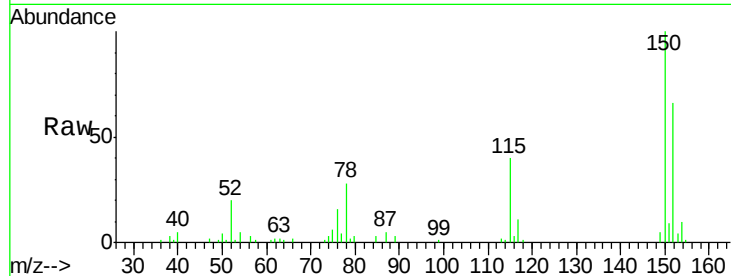


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG020077.D
Acq: 10 Dec 2015 15:59

Instrument :
BNA_G
ClientSampleId :
S9-14.5

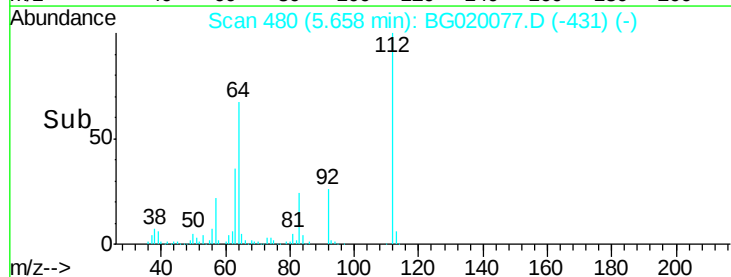
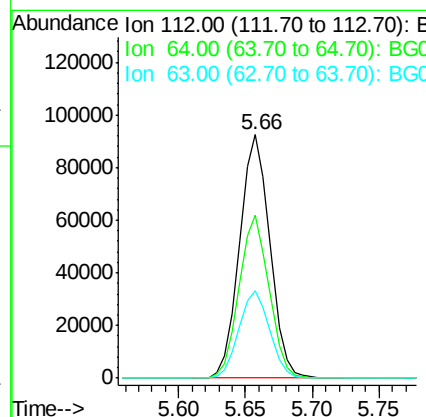
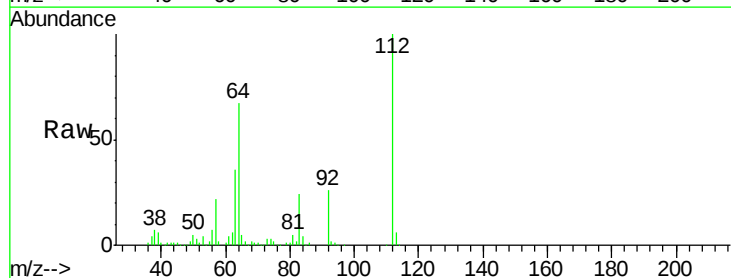
Tot Ion:152 Resp: 19074
Ion Ratio Lower Upper
152 100
150 150.5 115.0 172.4
115 59.7 43.9 65.9

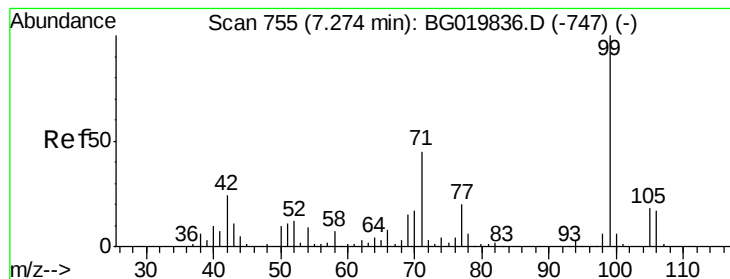


#5

2-Fluorophenol
Concen: 137.81 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG020077.D
Acq: 10 Dec 2015 15:59

Tgt Ion:112 Resp: 145439
Ion Ratio Lower Upper
112 100
64 66.8 43.7 65.5#
63 35.7 24.0 36.0





#7

Phenol-d6

Concen: 137.61 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG020077.D

Acq: 10 Dec 2015 15:59

Instrument :

BNA_G

ClientSampleId :

S9-14.5

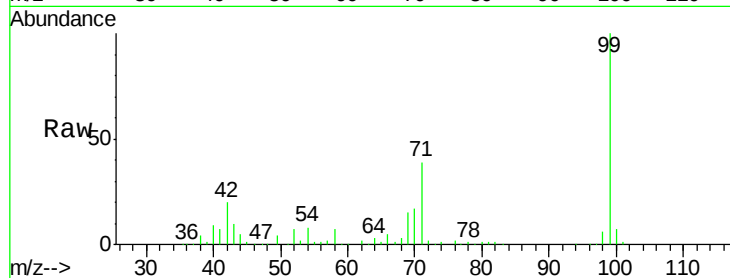
Tot Ion: 99 Resp: 219278

Ion Ratio Lower Upper

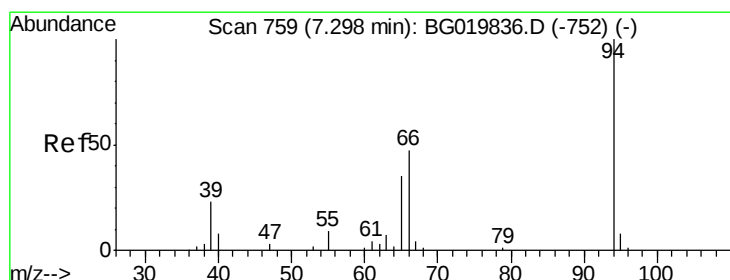
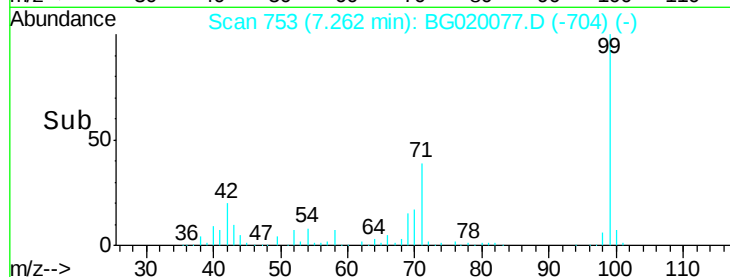
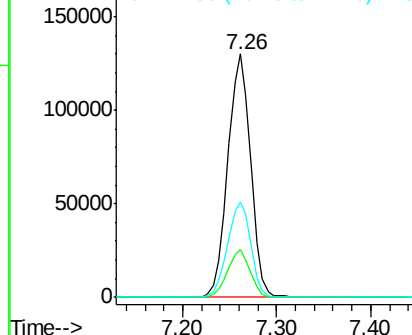
99 100

42 19.8 11.5 17.3#

71 39.3 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: 2.24 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG020077.D

Acq: 10 Dec 2015 15:59

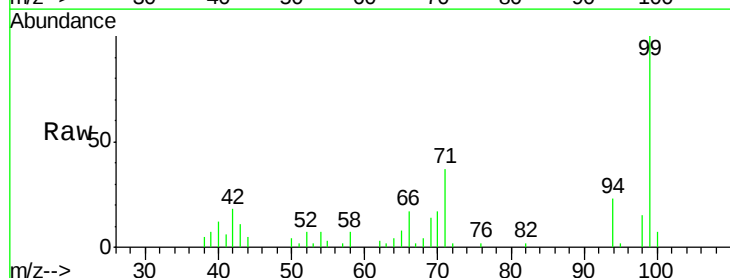
Tgt Ion: 94 Resp: 3758

Ion Ratio Lower Upper

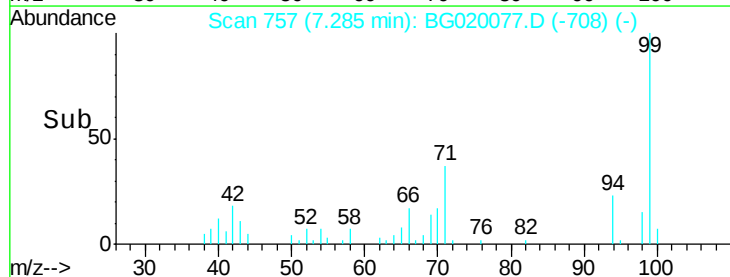
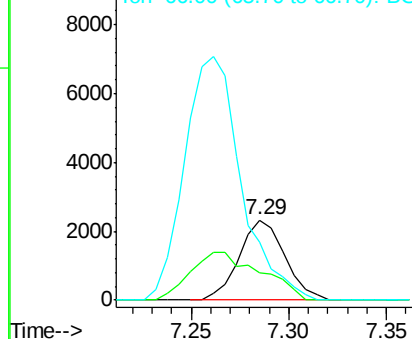
94 100

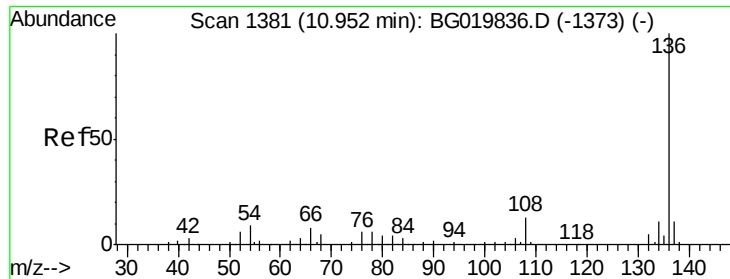
65 34.4 5.4 45.4

66 72.7 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

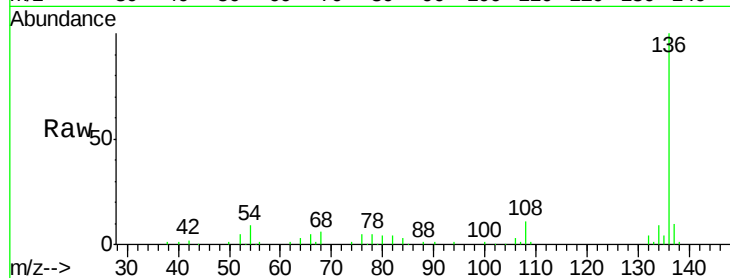




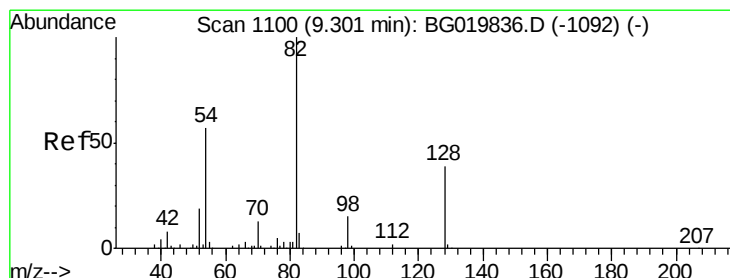
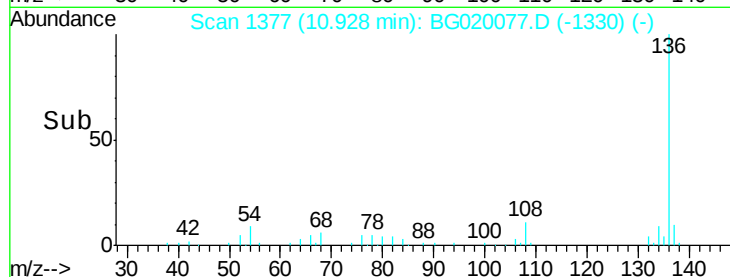
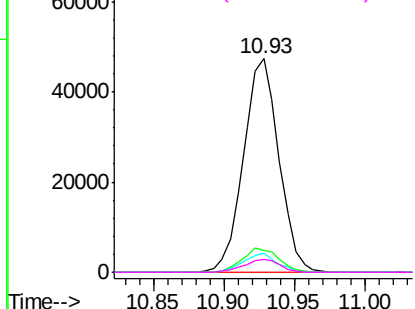
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG020077.D
Acq: 10 Dec 2015 15:59

Instrument :
BNA_G
ClientSampleId :
S9-14.5

Tot Ion:136	Resp:	82943
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.6 12.8
54	8.9	5.4 8.2#
68	6.0	5.3 7.9

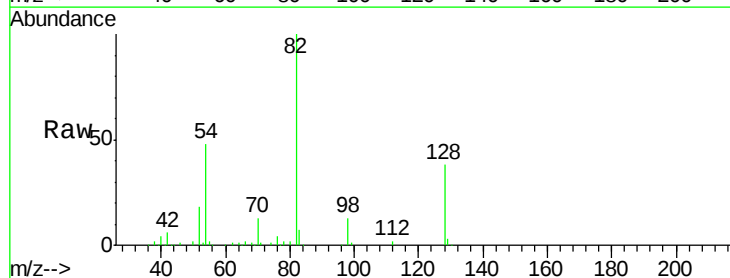


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

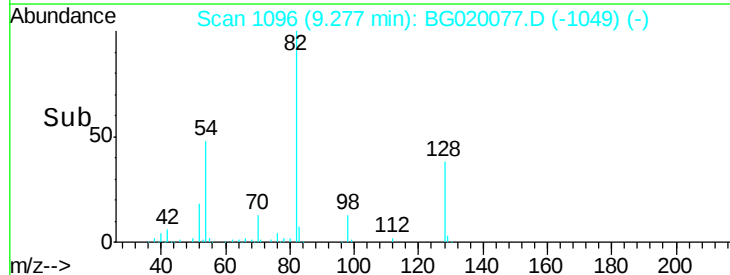
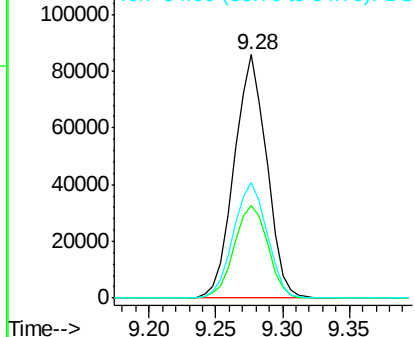


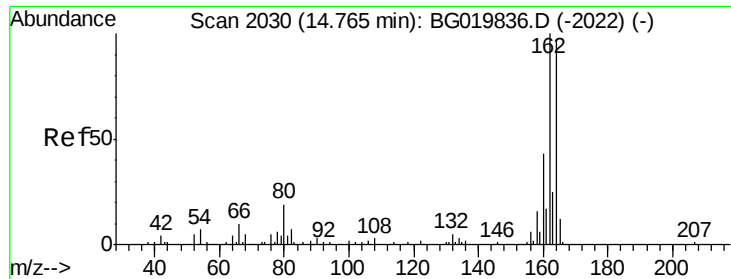
#23
Nitrobenzene-d5
Concen: 88.84 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020077.D
Acq: 10 Dec 2015 15:59

Tgt Ion: 82	Resp:	144384
Ion Ratio	Lower	Upper
82	100	
128	38.0	36.7 55.1
54	47.6	33.8 50.8



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

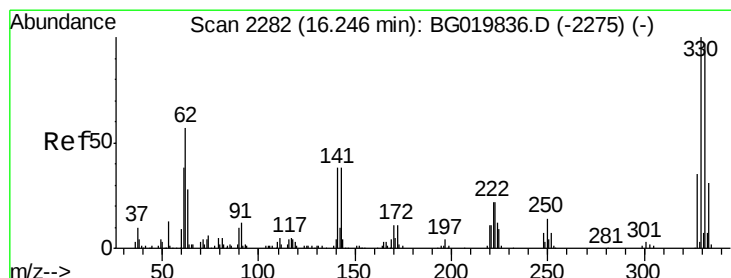
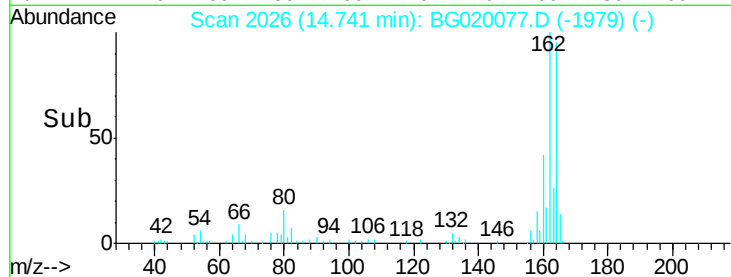
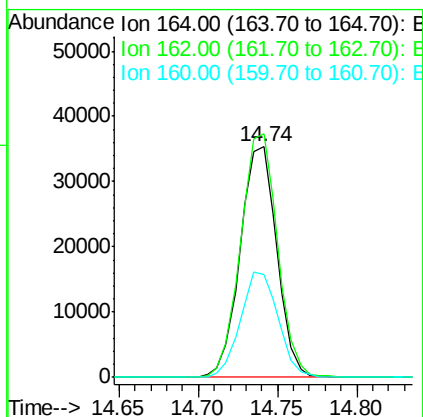
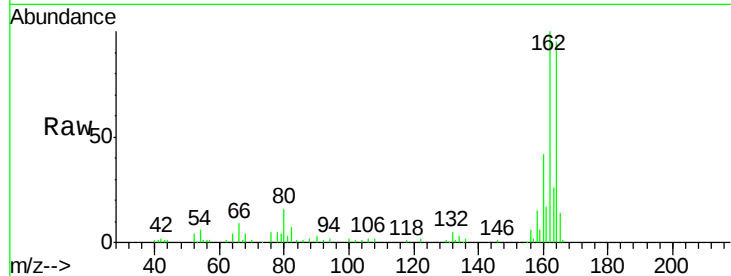




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BG020077.D
 Acq: 10 Dec 2015 15:59

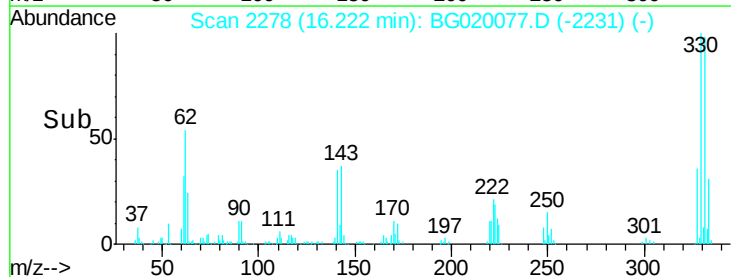
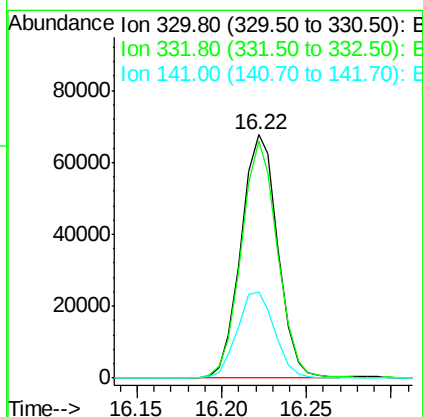
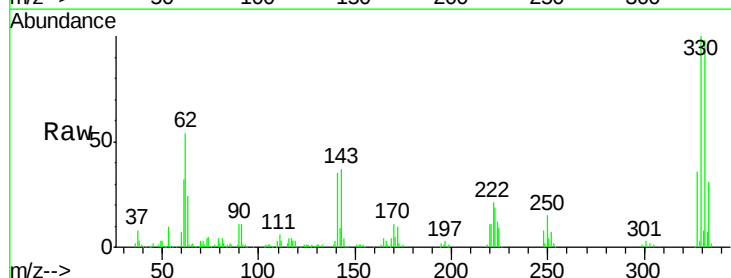
Instrument :
 BNA_G
 ClientSampleId :
 S9-14.5

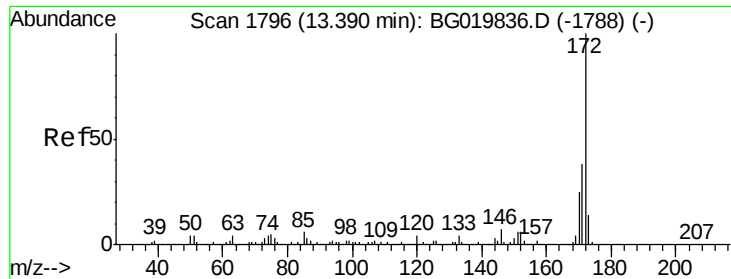
Tot Ion:164 Resp: 56720
 Ion Ratio Lower Upper
 164 100
 162 105.6 78.8 118.2
 160 44.7 36.4 54.6



#41
 2,4,6-Tribromophenol
 Concen: 118.43 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020077.D
 Acq: 10 Dec 2015 15:59

Tgt Ion:330 Resp: 102784
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.1 117.1
 141 35.9 28.2 42.2

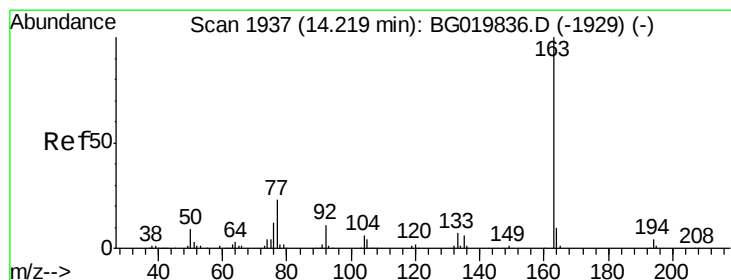
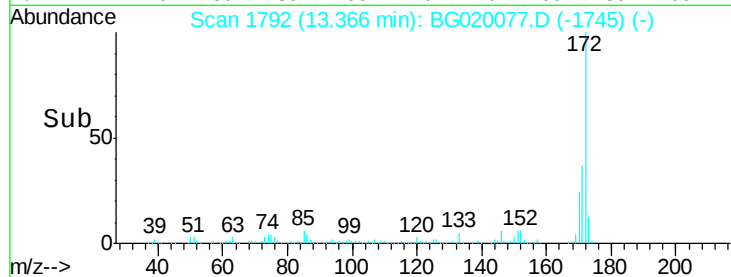
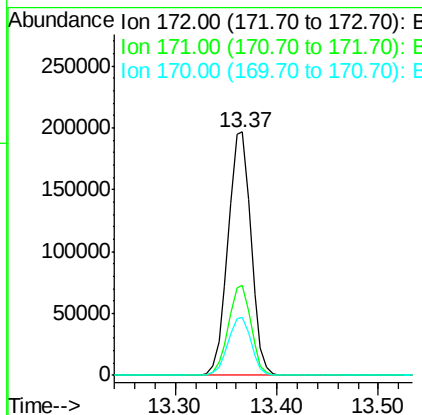
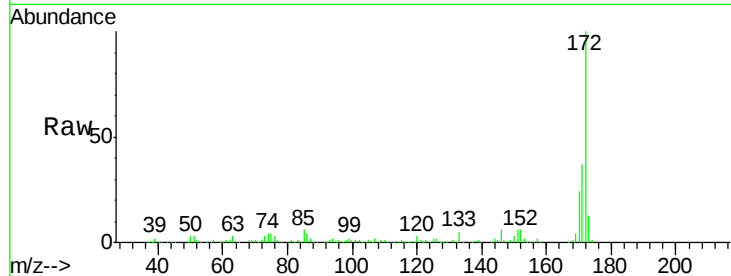




#44
2-Fluorobiphenyl
Concen: 74.66 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BG020077.D
Acq: 10 Dec 2015 15:59

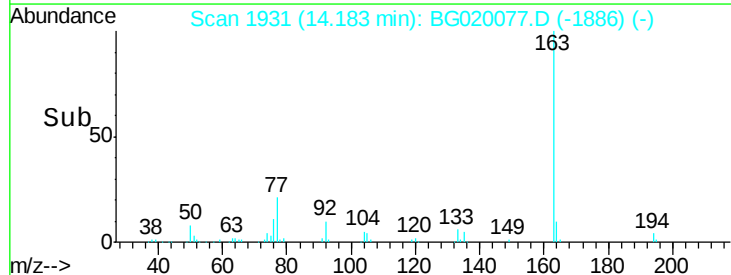
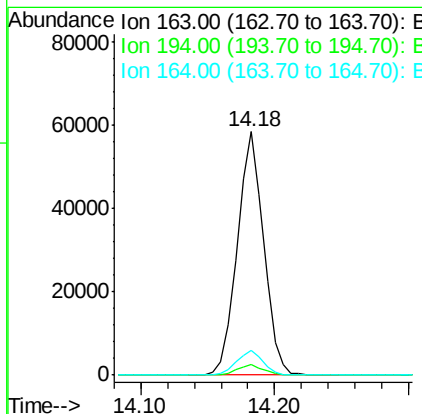
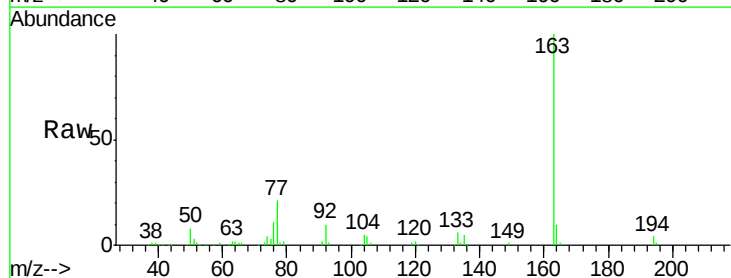
Instrument :
BNA_G
ClientSampled :
S9-14.5

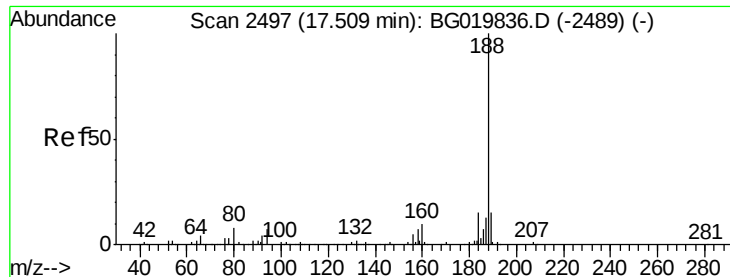
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.0	43.6
170	23.7	19.9	29.9



#49
Dimethylphthalate
Concen: 15.68 ng
RT: 14.18 min Scan# 1931
Delta R.T. -0.04 min
Lab File: BG020077.D
Acq: 10 Dec 2015 15:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.1	4.7
164	10.1	8.8	13.2

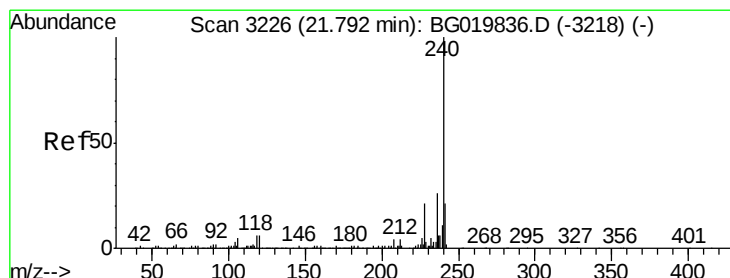
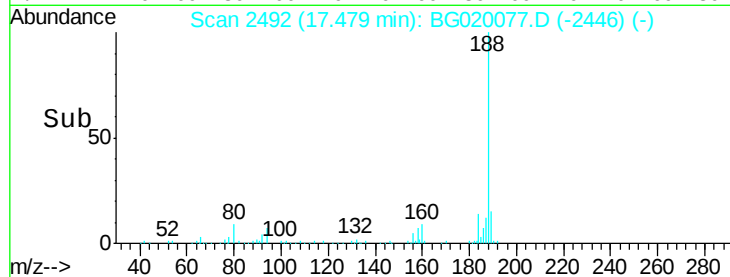
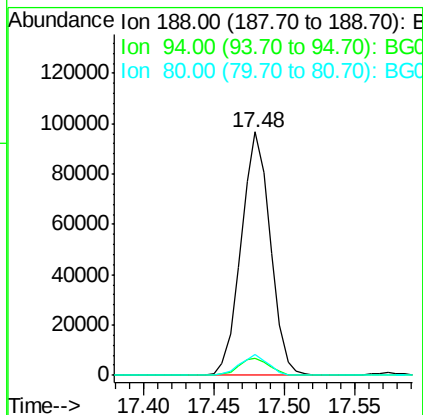
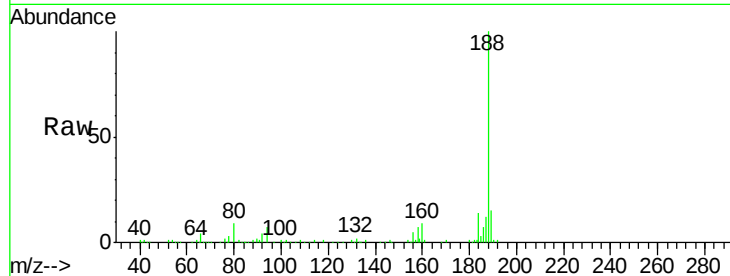




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020077.D
Acq: 10 Dec 2015 15:59

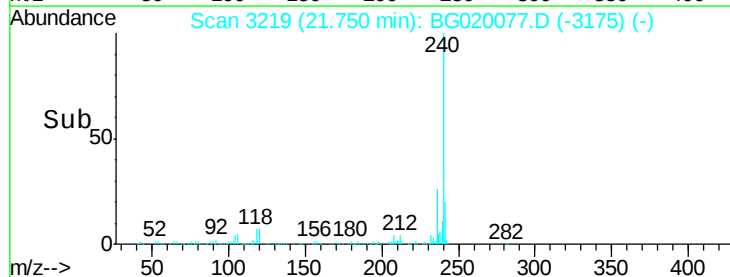
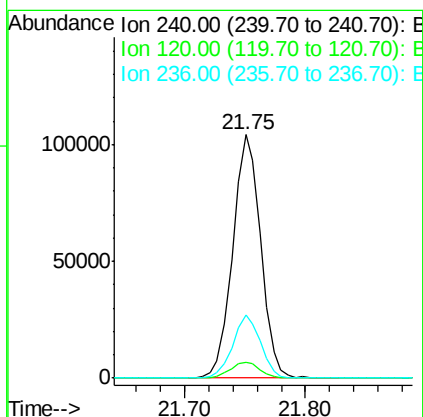
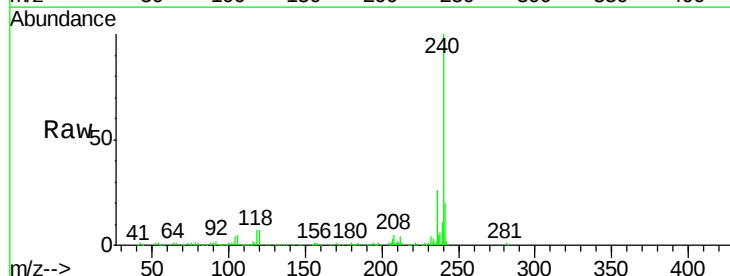
Instrument :
BNA_G
ClientSampleId :
S9-14.5

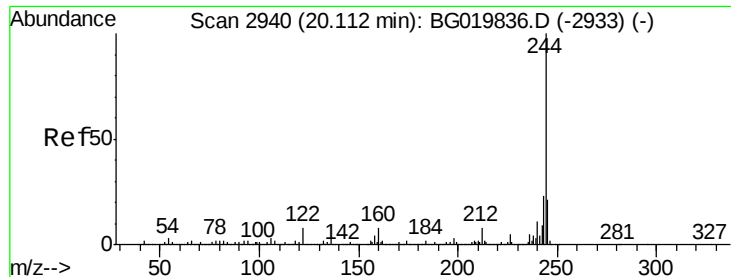
Tot Ion:188 Resp: 139585
Ion Ratio Lower Upper
188 100
94 7.1 7.7 11.5#
80 8.7 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG020077.D
Acq: 10 Dec 2015 15:59

Tgt Ion:240 Resp: 167730
Ion Ratio Lower Upper
240 100
120 6.6 7.4 11.0#
236 25.9 20.7 31.1





#78

Terphenyl-d14

Concen: 75.35 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG020077.D

Acq: 10 Dec 2015 15:59

Instrument :

BNA_G

ClientSampled :

S9-14.5

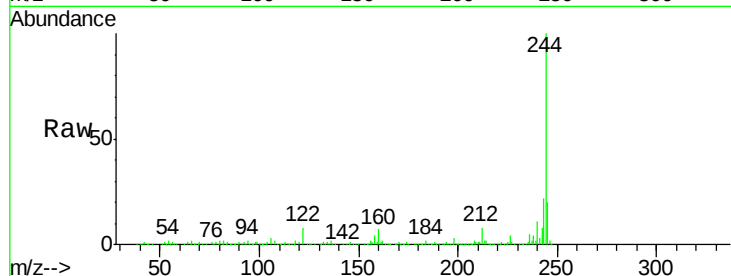
Tot Ion:244 Resp: 518127

Ion Ratio Lower Upper

244 100

212 7.8 6.9 10.3

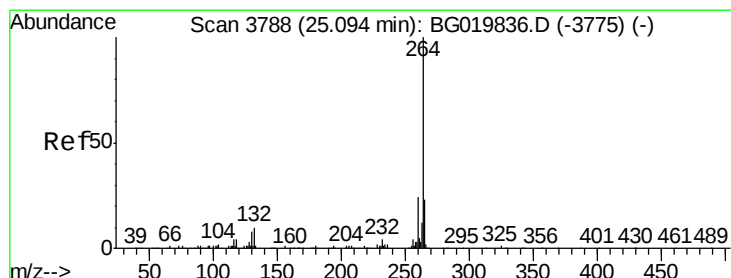
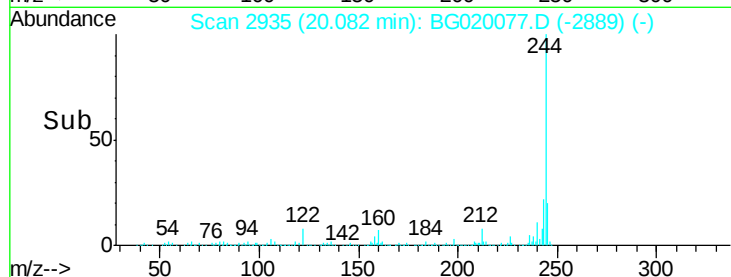
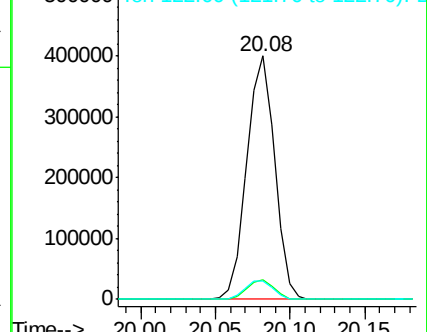
122 7.8 10.2 15.2#



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. -0.07 min

Lab File: BG020077.D

Acq: 10 Dec 2015 15:59

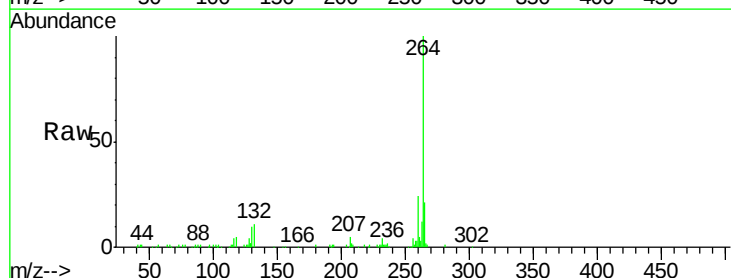
Tgt Ion:264 Resp: 158291

Ion Ratio Lower Upper

264 100

260 24.0 18.5 27.7

265 21.5 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

