

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060315\
 Data File : BG017413.D
 Acq On : 3 Jun 2015 19:16
 Operator : TP/IZ
 Sample : PB83662BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83662BL

Quant Time: Jun 04 01:51:50 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 04 01:31:15 2015
 Response via : Initial Calibration

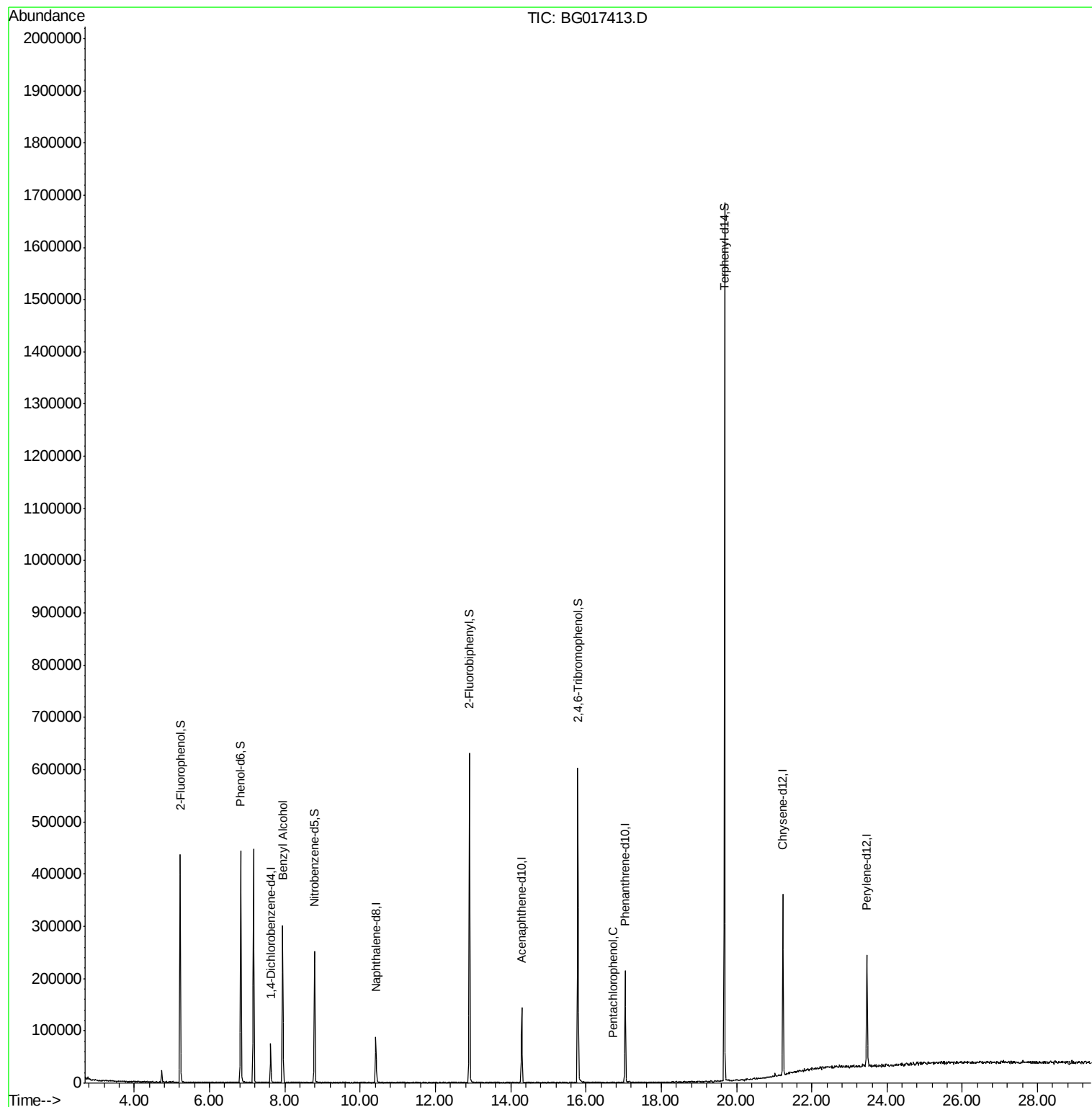
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	16946	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	66791	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	46170	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	119465	20.00	ng	0.00
75) Chrysene-d12	21.23	240	154368	20.00	ng	0.00
86) Perylene-d12	23.47	264	147178	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	149686	155.62	ng	0.00
7) Phenol-d6	6.83	99	193982	148.03	ng	0.00
23) Nitrobenzene-d5	8.79	82	129135	96.52	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	93007	145.03	ng	0.00
44) 2-Fluorobiphenyl	12.91	172	287111	93.81	ng	0.00
78) Terphenyl-d14	19.68	244	660858	88.48	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.94	79	2625	2.15	ng	# 72
69) Pentachlorophenol	16.73	266	56	5.56	ng	# 22

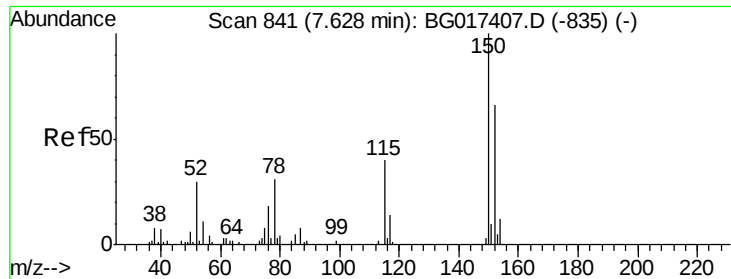
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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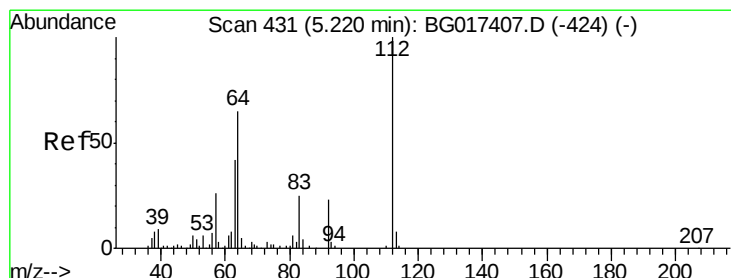
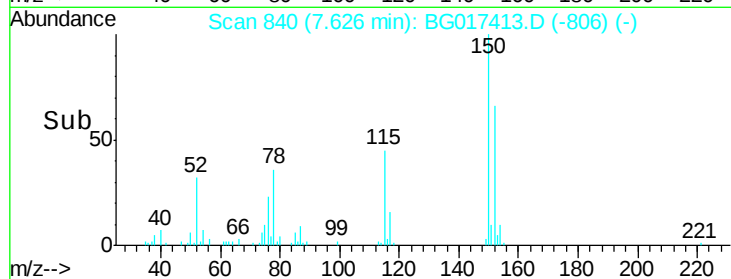
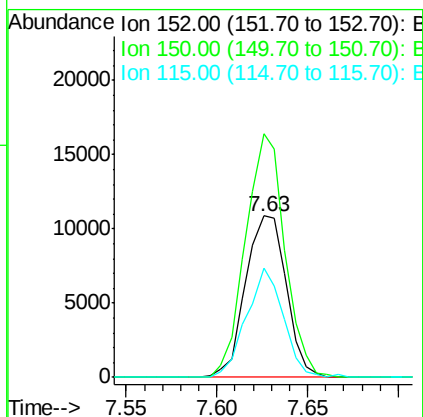
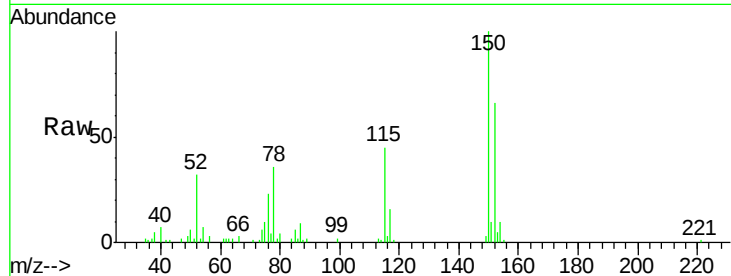


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.63 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG017413.D
Acq: 3 Jun 2015 19:16

Instrument :
BNA_G
ClientSampleId :
PB83662BL

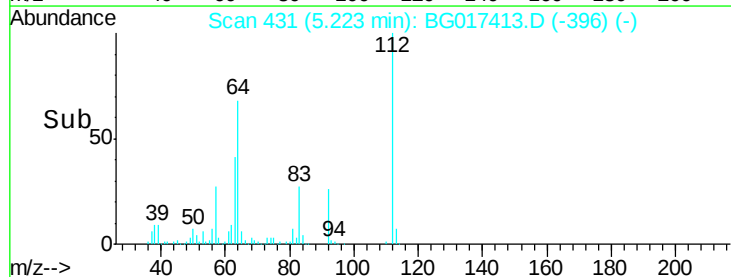
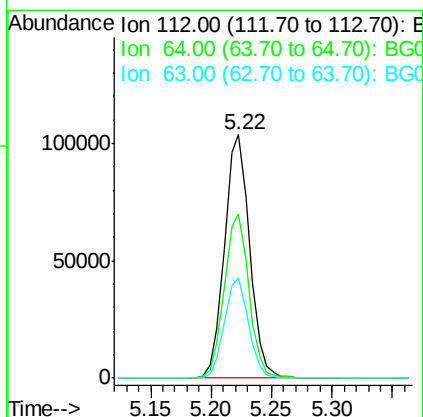
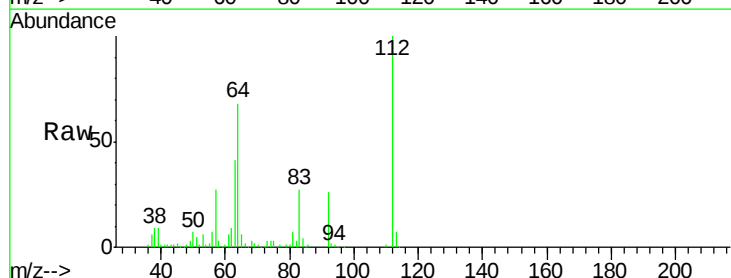
Tgt Ion:152 Resp: 16946
Ion Ratio Lower Upper
152 100
150 151.2 121.7 182.5
115 67.5 48.6 73.0

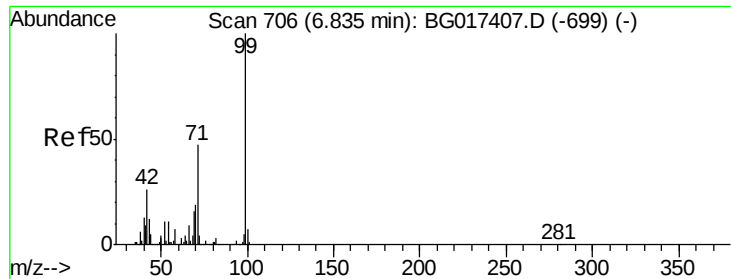


#5

2-Fluorophenol
Concen: 155.62 ng
RT: 5.22 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG017413.D
Acq: 3 Jun 2015 19:16

Tgt Ion:112 Resp: 149686
Ion Ratio Lower Upper
112 100
64 67.6 51.6 77.4
63 41.3 33.3 49.9





#7

Phenol-d6

Concen: 148.03 ng

RT: 6.83 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG017413.D

Acq: 3 Jun 2015 19:16

Instrument :

BNA_G

ClientSampleId :

PB83662BL

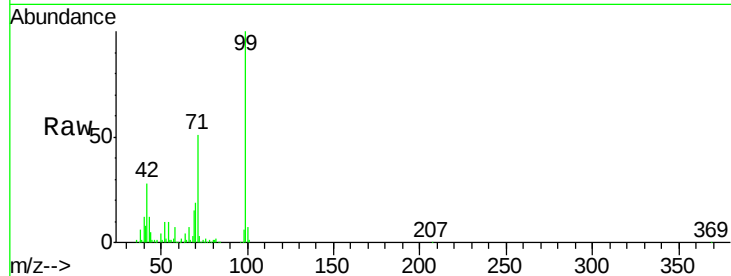
Tgt Ion: 99 Resp: 193982

Ion Ratio Lower Upper

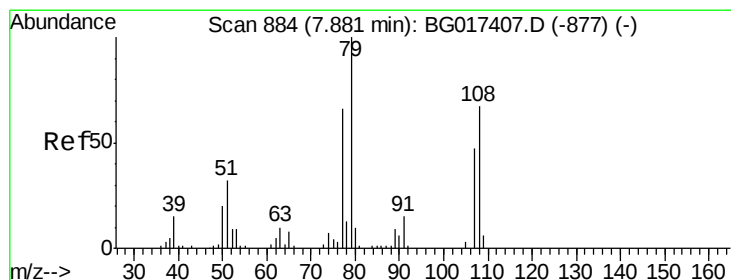
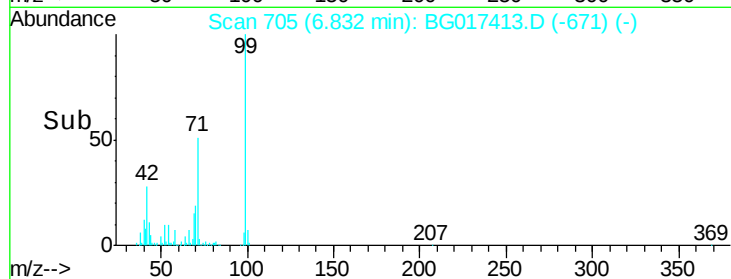
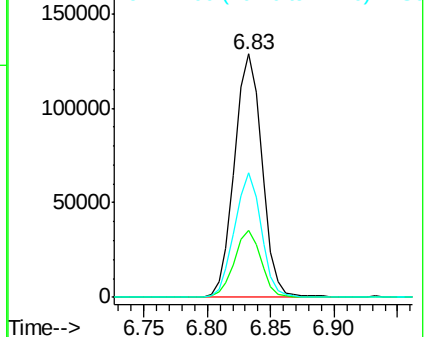
99 100

42 27.5 21.0 31.6

71 51.2 37.2 55.8



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



#15

Benzyl Alcohol

Concen: 2.15 ng

RT: 7.94 min Scan# 894

Delta R.T. 0.06 min

Lab File: BG017413.D

Acq: 3 Jun 2015 19:16

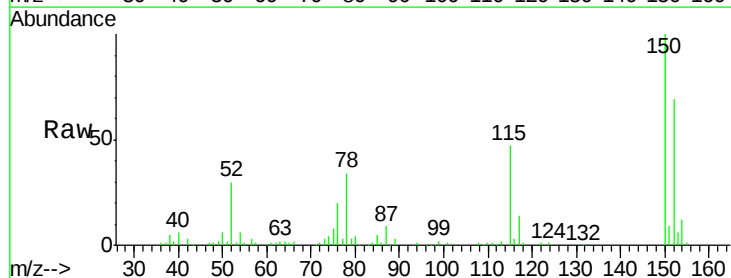
Tgt Ion: 79 Resp: 2625

Ion Ratio Lower Upper

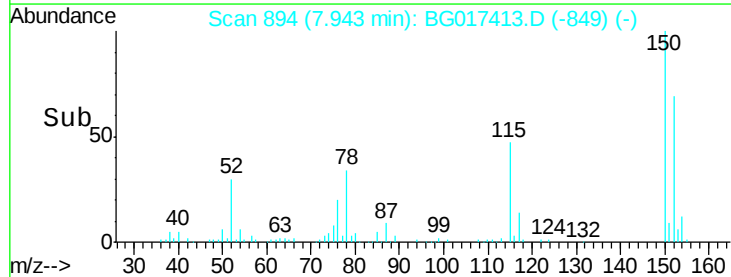
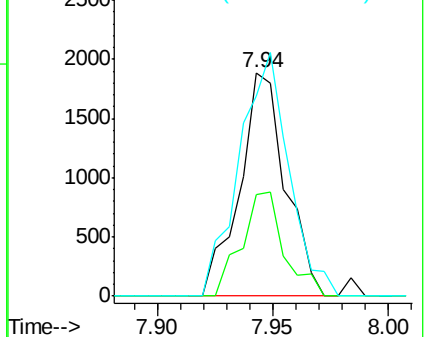
79 100

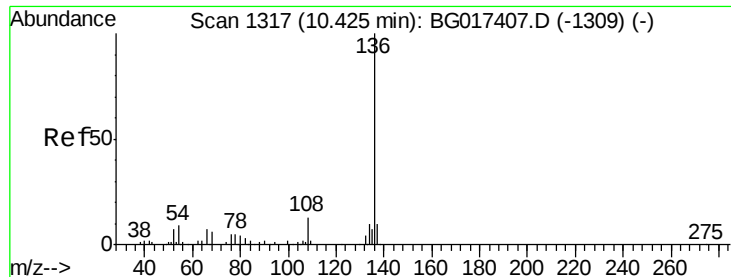
108 45.4 53.7 80.5#

77 89.5 53.0 79.4#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

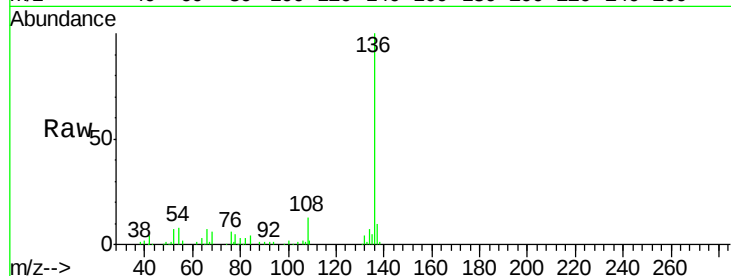




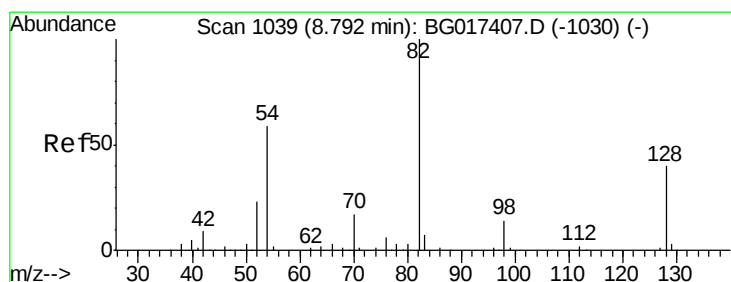
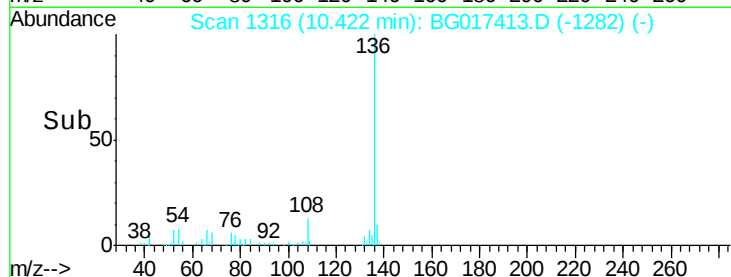
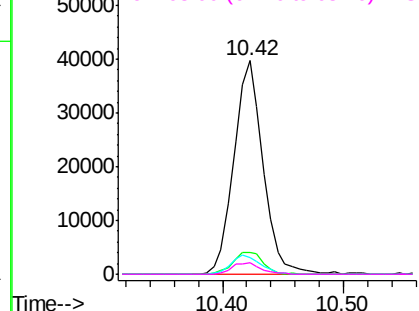
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.42 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG017413.D
Acq: 3 Jun 2015 19:16

Instrument :
BNA_G
ClientSampleId :
PB83662BL

Tgt Ion:	136	Resp:	66791
Ion	Ratio	Lower	Upper
136	100		
137	10.1	7.9	11.9
54	7.9	7.2	10.8
68	5.7	4.5	6.7

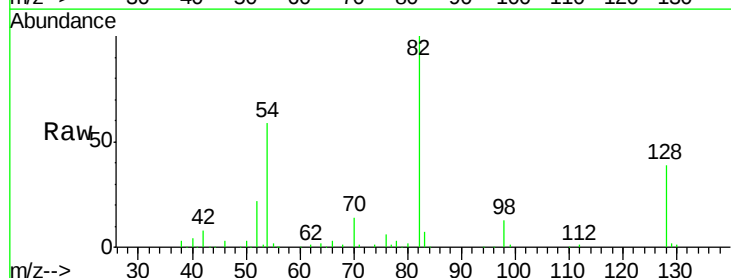


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

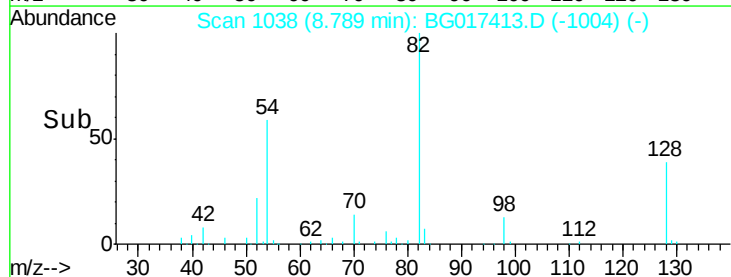
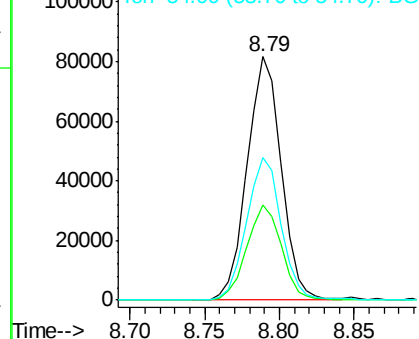


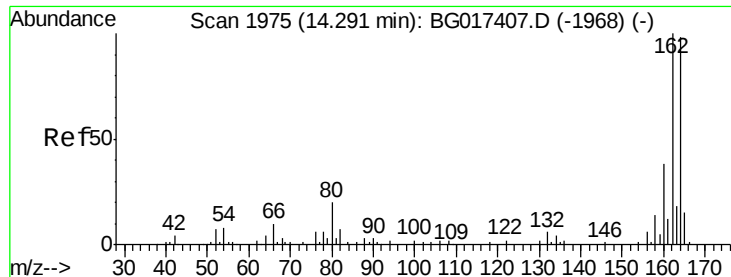
#23
Nitrobenzene-d5
Concen: 96.52 ng
RT: 8.79 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG017413.D
Acq: 3 Jun 2015 19:16

Tgt Ion:	82	Resp:	129135
Ion	Ratio	Lower	Upper
82	100		
128	39.2	32.2	48.4
54	58.6	47.4	71.2



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: 14.29 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BG017413.D

Acq: 3 Jun 2015 19:16

Instrument :

BNA_G

ClientSampleId :

PB83662BL

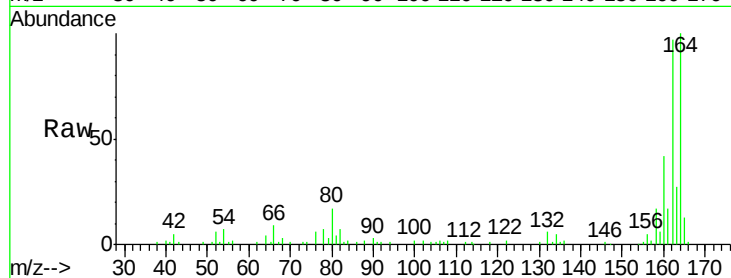
Tgt Ion:164 Resp: 46170

Ion Ratio Lower Upper

164 100

162 96.9 81.8 122.6

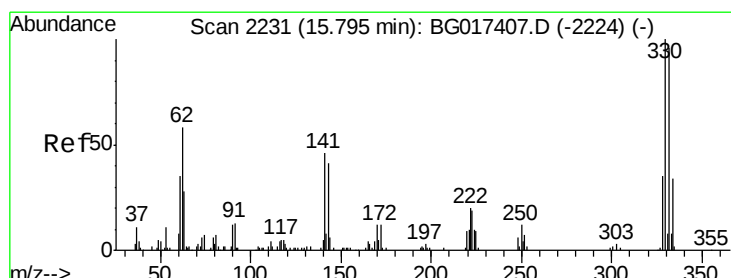
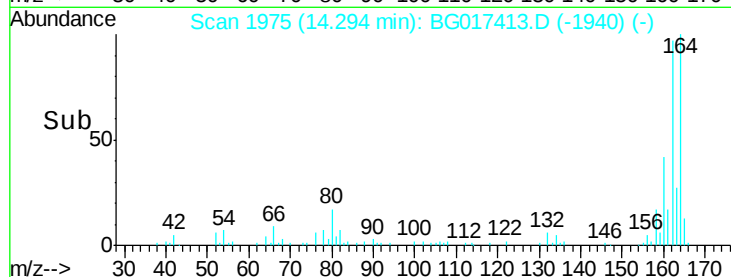
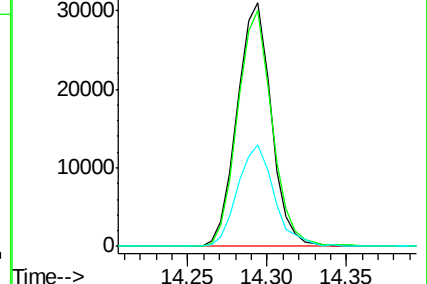
160 41.7 31.0 46.4



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: 145.03 ng

RT: 15.79 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG017413.D

Acq: 3 Jun 2015 19:16

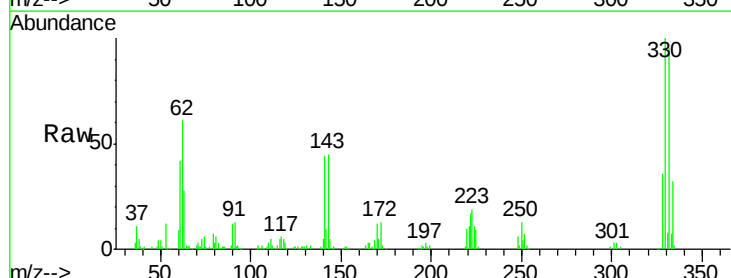
Tgt Ion:330 Resp: 93007

Ion Ratio Lower Upper

330 100

332 96.6 75.9 113.9

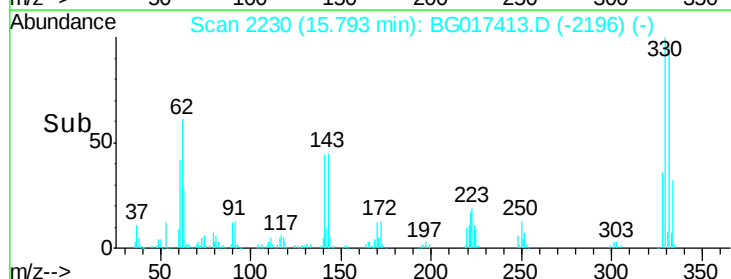
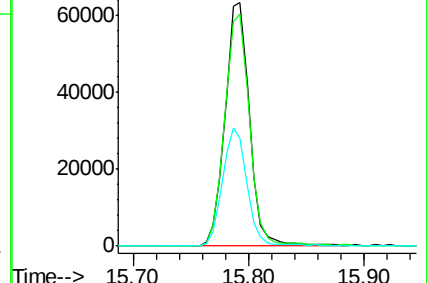
141 48.8 40.2 60.4

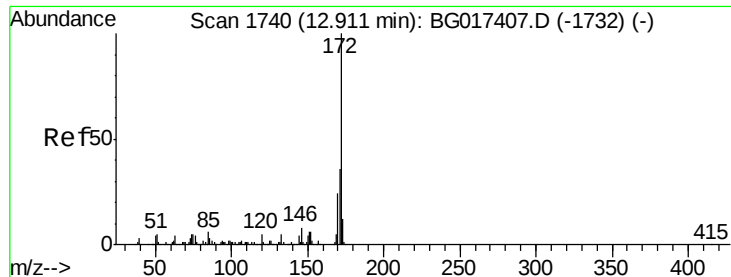


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

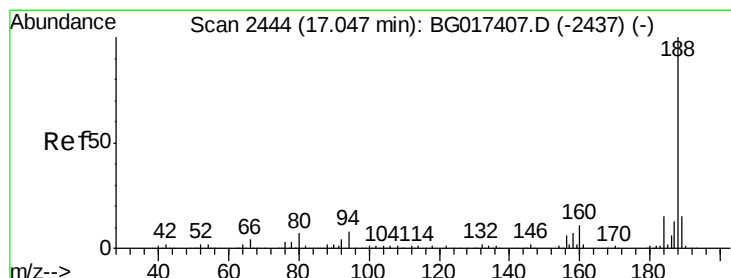
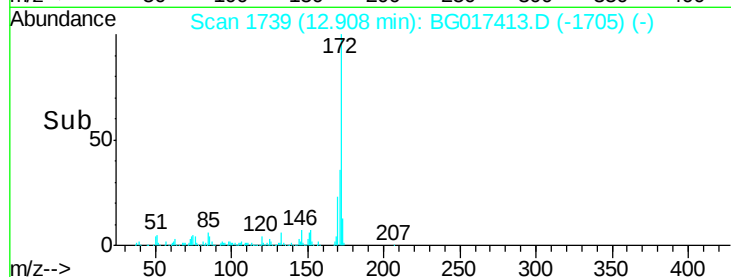
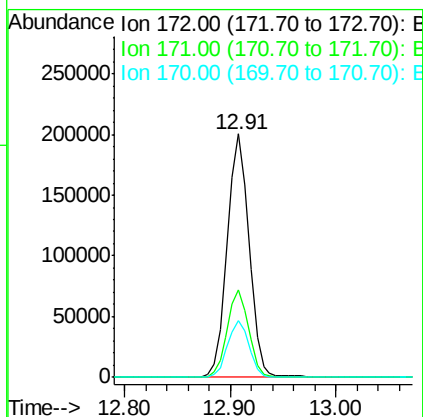
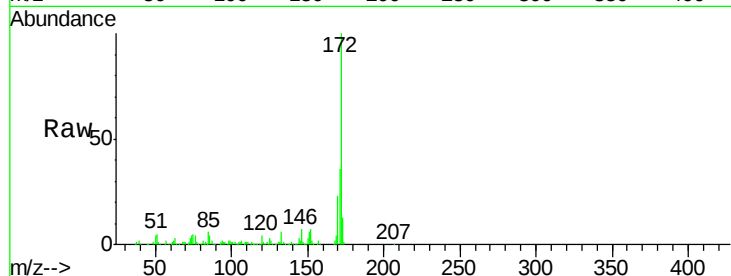




#44
 2-Fluorobiphenyl
 Concen: 93.81 ng
 RT: 12.91 min Scan# 1739
 Delta R.T. -0.00 min
 Lab File: BG017413.D
 Acq: 3 Jun 2015 19:16

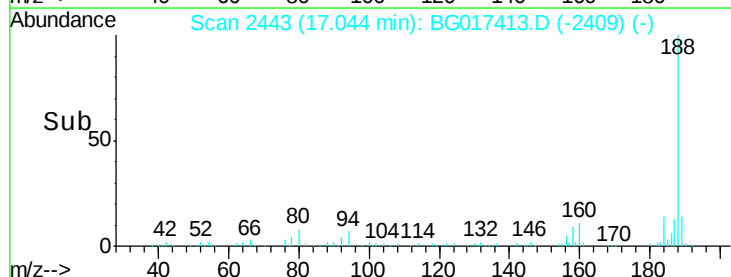
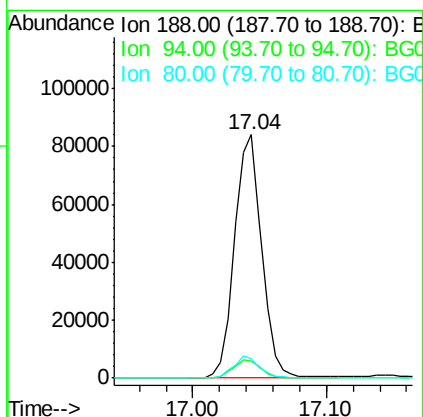
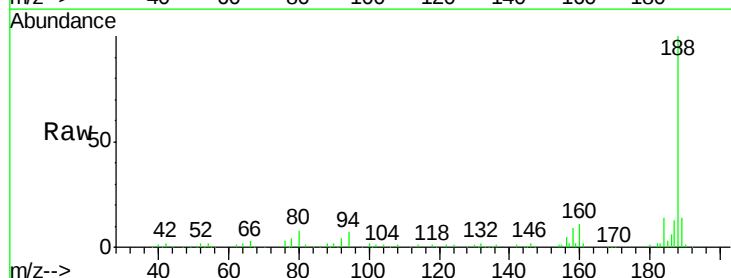
Instrument :
 BNA_G
 ClientSampleId :
 PB83662BL

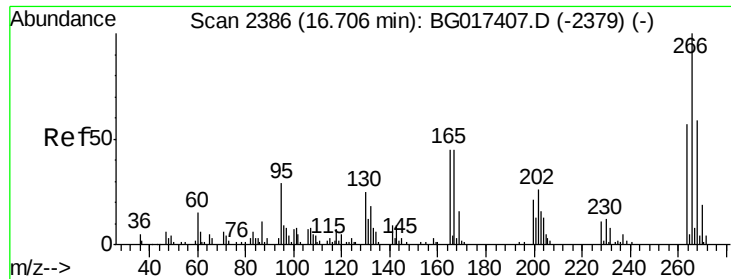
Tgt Ion:172 Resp: 287111
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.6
 170 23.1 18.9 28.3



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.04 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG017413.D
 Acq: 3 Jun 2015 19:16

Tgt Ion:188 Resp: 119465
 Ion Ratio Lower Upper
 188 100
 94 7.0 6.3 9.5
 80 8.0 5.2 7.8#





#69

Pentachlorophenol

Concen: 5.56 ng

RT: 16.73 min Scan# 2390

Delta R.T. 0.03 min

Lab File: BG017413.D

Acq: 3 Jun 2015 19:16

Instrument :

BNA_G

ClientSampleId :

PB83662BL

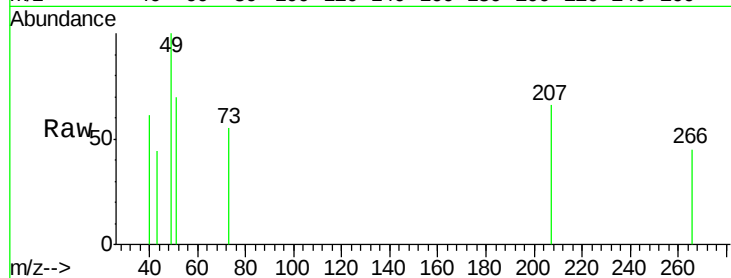
Tgt Ion:266 Resp: 56

Ion Ratio Lower Upper

266 100

268 0.0 47.0 70.6#

264 0.0 45.7 68.5#



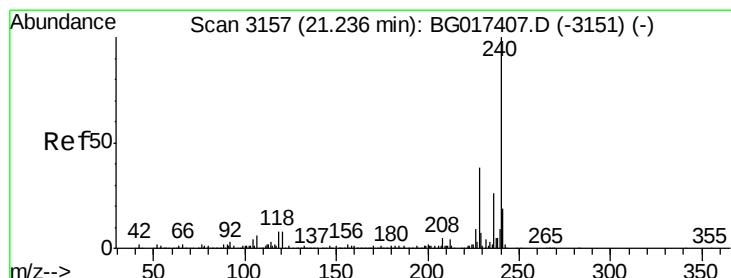
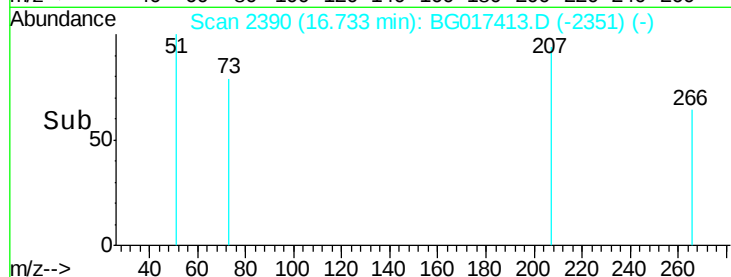
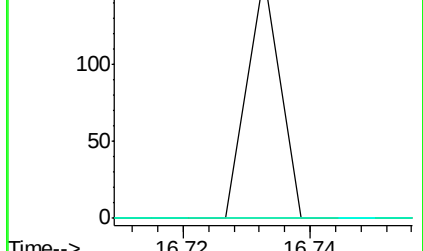
Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

16.73

16.72 16.74



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.23 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG017413.D

Acq: 3 Jun 2015 19:16

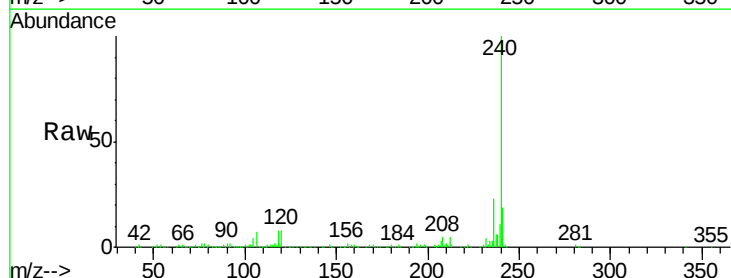
Tgt Ion:240 Resp: 154368

Ion Ratio Lower Upper

240 100

120 8.3 6.5 9.7

236 23.2 20.8 31.2



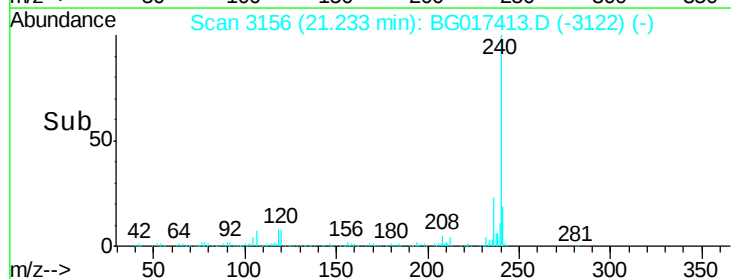
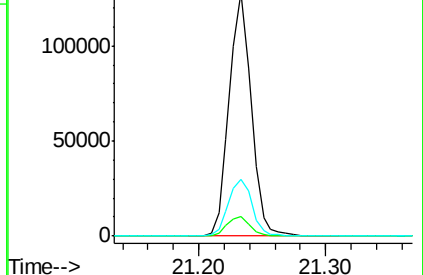
Abundance Ion 240.00 (239.70 to 240.70): E

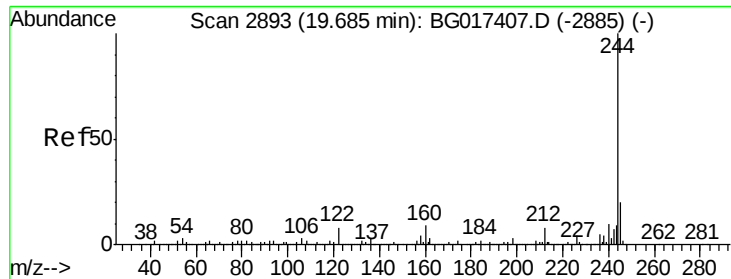
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.23

21.20 21.30





#78

Terphenyl-d14

Concen: 88.48 ng

RT: 19.68 min Scan# 2892

Delta R.T. -0.00 min

Lab File: BG017413.D

Acq: 3 Jun 2015 19:16

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PB83662BL

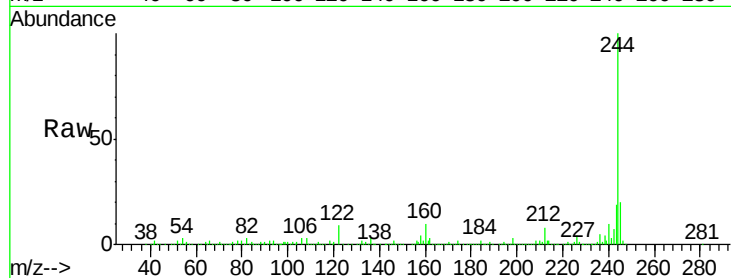
Tgt Ion:244 Resp: 660858

Ion Ratio Lower Upper

244 100

212 8.3 6.4 9.6

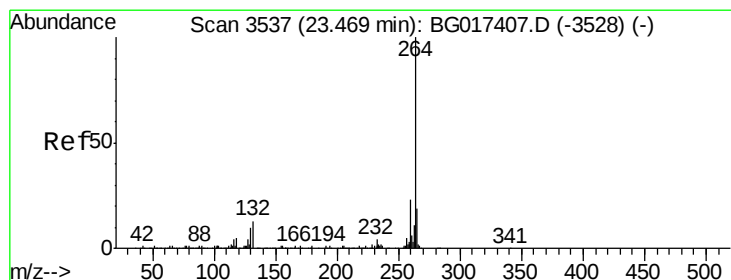
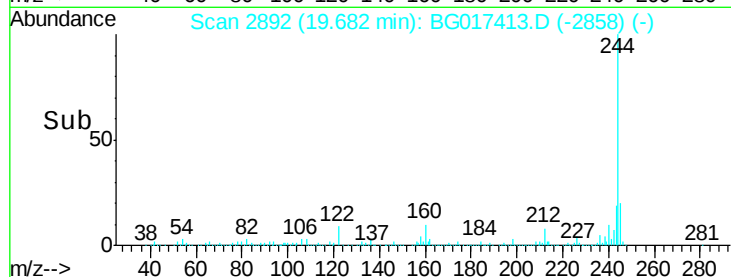
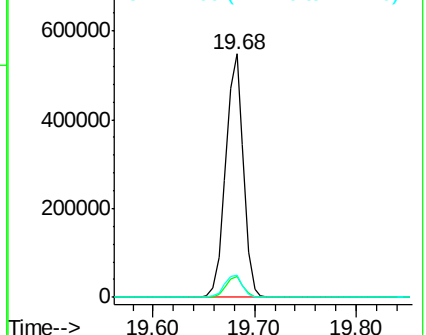
122 9.2 6.6 10.0



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.47 min Scan# 3536

Delta R.T. -0.00 min

Lab File: BG017413.D

Acq: 3 Jun 2015 19:16

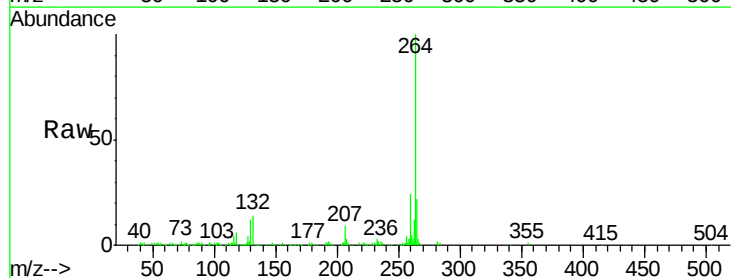
Tgt Ion:264 Resp: 147178

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.4

265 21.6 15.8 23.6



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

