

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011718\
 Data File : BG032112.D
 Acq On : 17 Jan 2018 22:21
 Operator : SJ/JU
 Sample : J1166-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2A-15

Quant Time: Jan 18 06:38:54 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

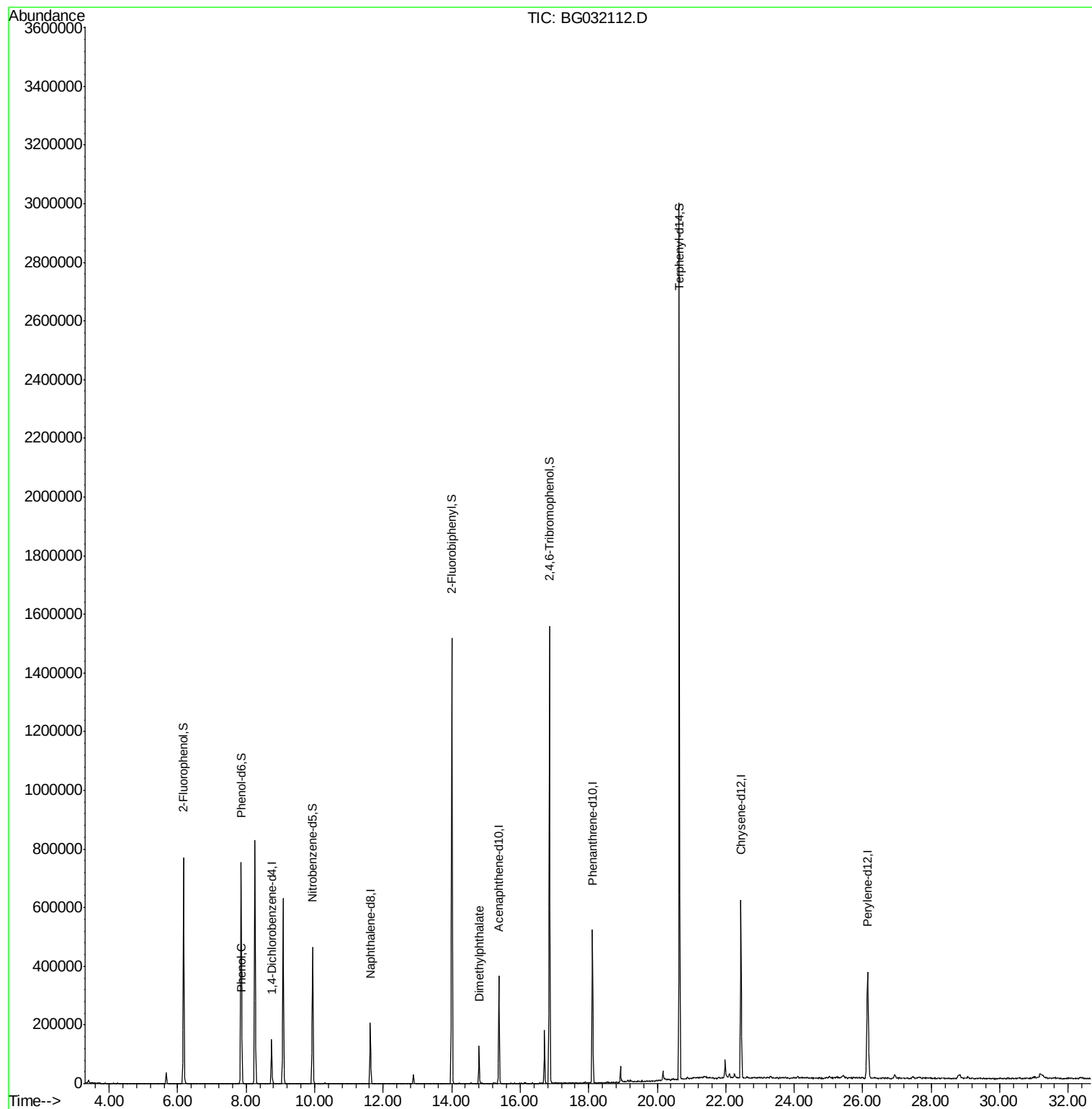
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	50012	20.00	ng	-0.03
21) Naphthalene-d8	11.62	136	202239	20.00	ng	-0.04
38) Acenaphthene-d10	15.38	164	144829	20.00	ng	-0.03
63) Phenanthrene-d10	18.11	188	383177	20.00	ng	-0.03
75) Chrysene-d12	22.45	240	470645	20.00	ng	-0.03
86) Perylene-d12	26.15	264	496170	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	393597	143.94	ng	-0.03
7) Phenol-d6	7.85	99	490636	142.46	ng	-0.03
23) Nitrobenzene-d5	9.94	82	296181	99.08	ng	-0.03
41) 2,4,6-Tribromophenol	16.86	330	365479	152.50	ng	-0.02
44) 2-Fluorobiphenyl	14.01	172	897354	76.83	ng	-0.03
78) Terphenyl-d14	20.65	244	1630084	76.48	ng	-0.03
Target Compounds						
10) Phenol	7.88	94	18216	5.369	ng	Qvalue 93
49) Dimethylphthalate	14.80	163	98074	7.738	ng	# 99

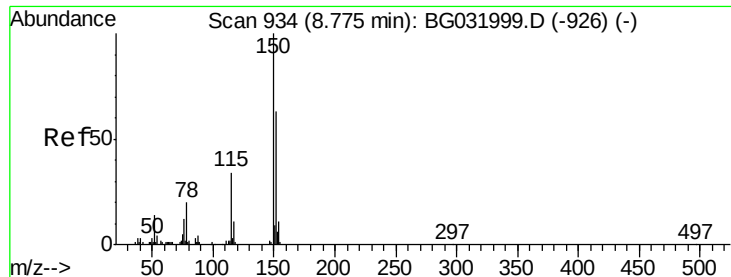
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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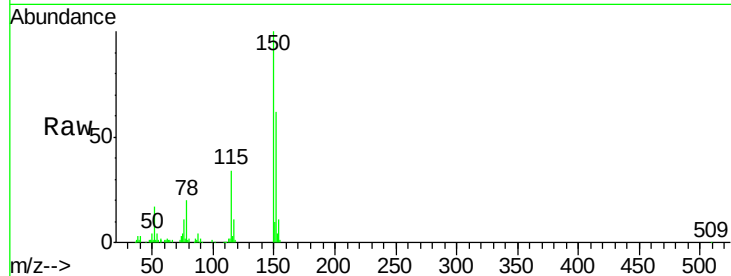


#1

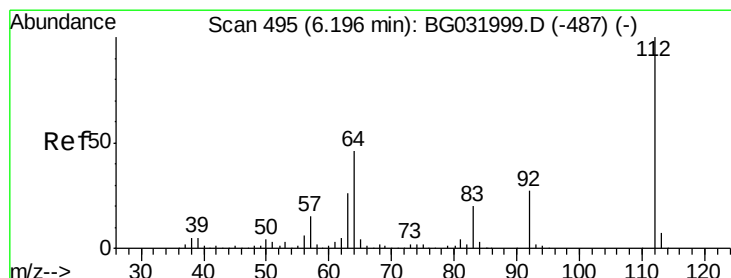
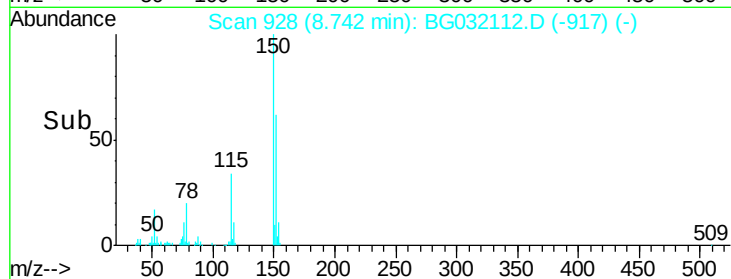
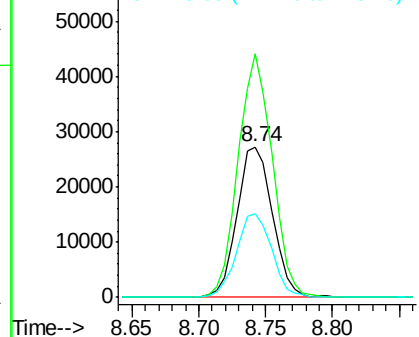
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. -0.03 min
Lab File: BG032112.D
Acq: 17 Jan 2018 22:21

Instrument :
BNA_G
ClientSampleId :
2A-15

Tgt Ion:152 Resp: 50012
Ion Ratio Lower Upper
152 100
150 161.8 126.6 189.8
115 55.6 53.0 79.4



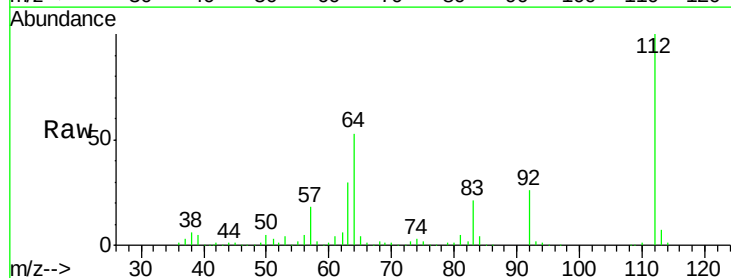
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



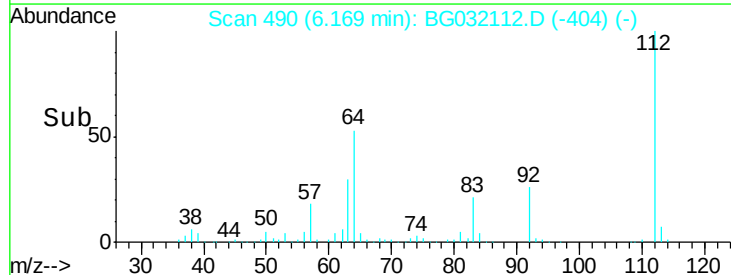
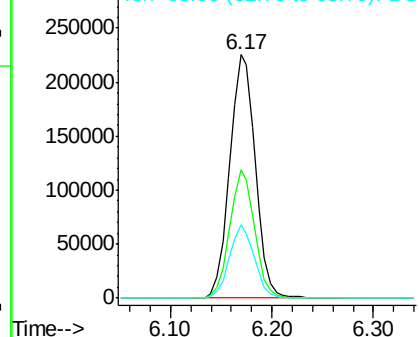
#5

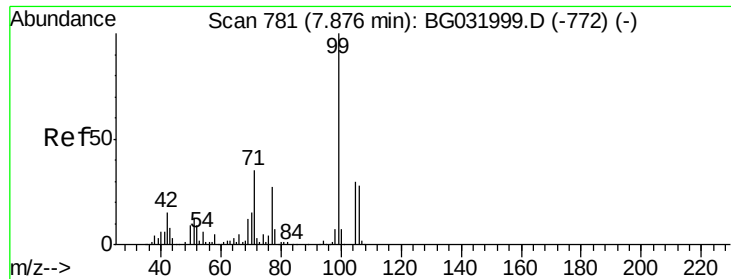
2-Fluorophenol
Concen: 143.938 ng
RT: 6.17 min Scan# 490
Delta R.T. -0.03 min
Lab File: BG032112.D
Acq: 17 Jan 2018 22:21

Tgt Ion:112 Resp: 393597
Ion Ratio Lower Upper
112 100
64 52.6 56.3 84.5#
63 30.2 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 142.464 ng

RT: 7.85 min Scan# 776

Delta R.T. -0.03 min

Lab File: BG032112.D

Acq: 17 Jan 2018 22:21

Instrument :

BNA_G

ClientSampleId :

2A-15

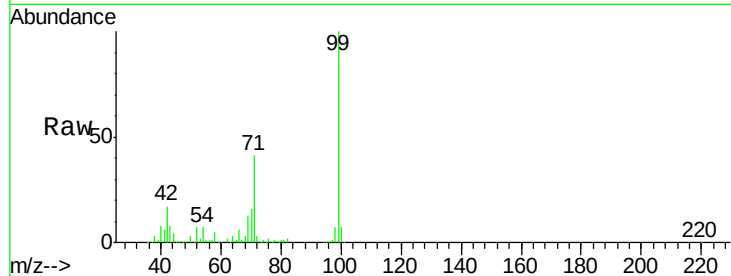
Tgt Ion: 99 Resp: 490636

Ion Ratio Lower Upper

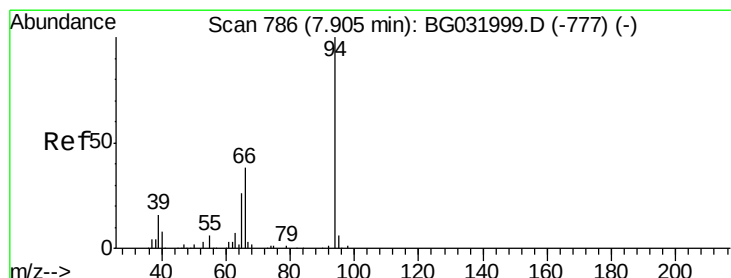
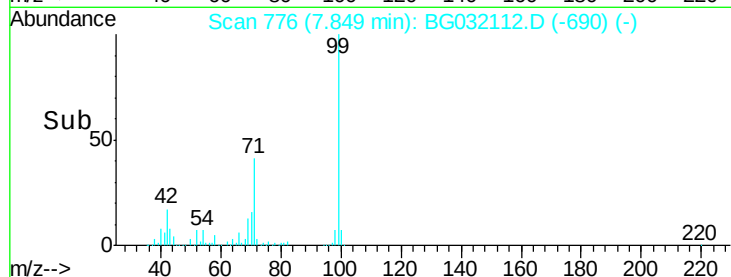
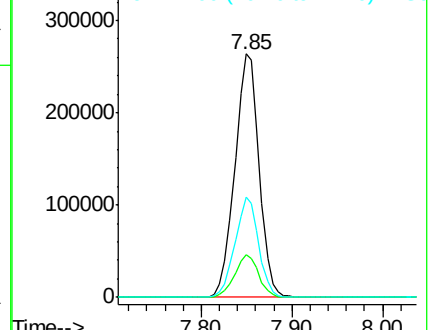
99 100

42 17.4 14.1 21.1

71 41.0 26.1 39.1#



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: 5.369 ng

RT: 7.88 min Scan# 781

Delta R.T. -0.03 min

Lab File: BG032112.D

Acq: 17 Jan 2018 22:21

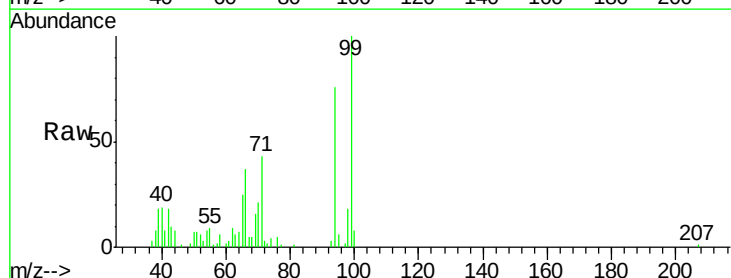
Tgt Ion: 94 Resp: 18216

Ion Ratio Lower Upper

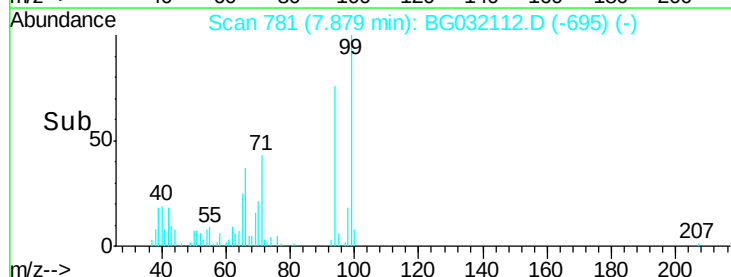
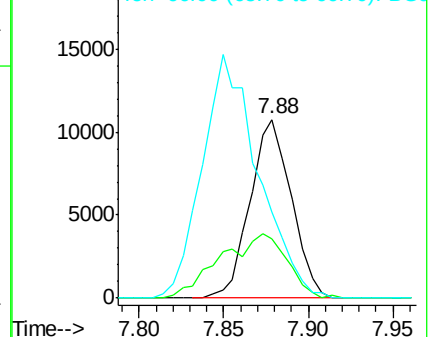
94 100

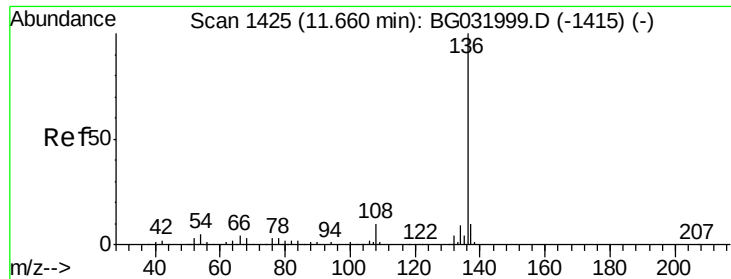
65 33.2 11.9 51.9

66 48.3 22.2 62.2



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

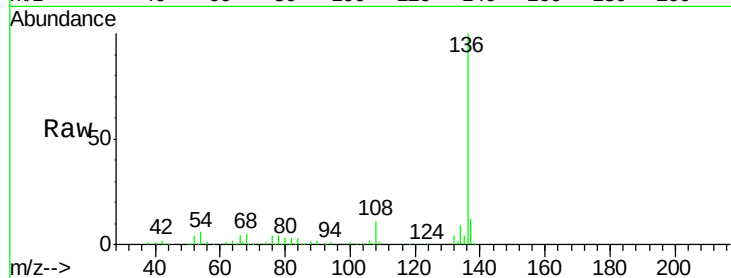




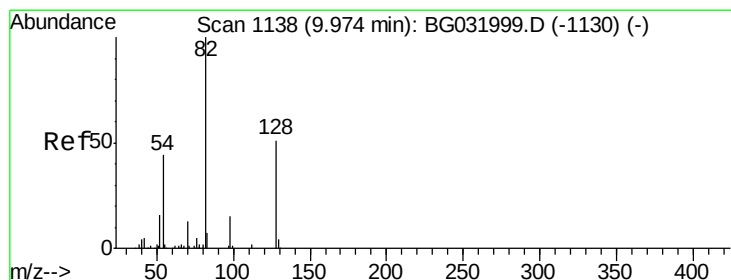
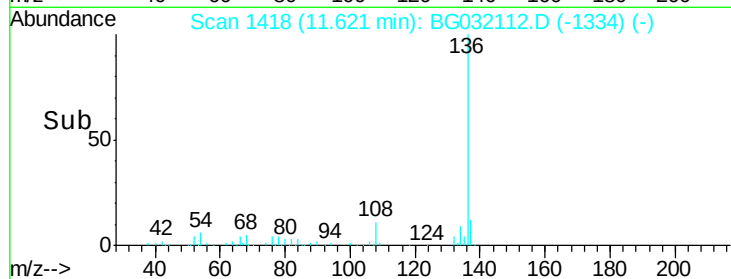
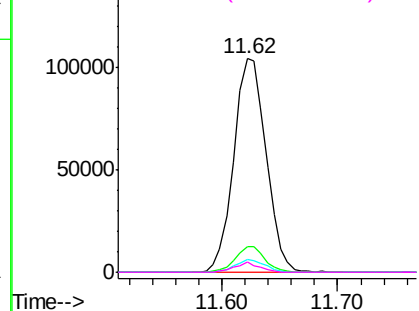
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.62 min Scan# 1418
Delta R.T. -0.04 min
Lab File: BG032112.D
Acq: 17 Jan 2018 22:21

Instrument :
BNA_G
ClientSampleId :
2A-15

Tgt Ion:	136	Resp:	202239
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	6.0	10.3	15.5#
68	4.9	4.5	6.7

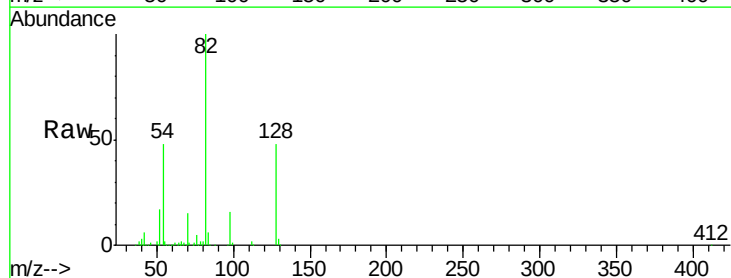


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

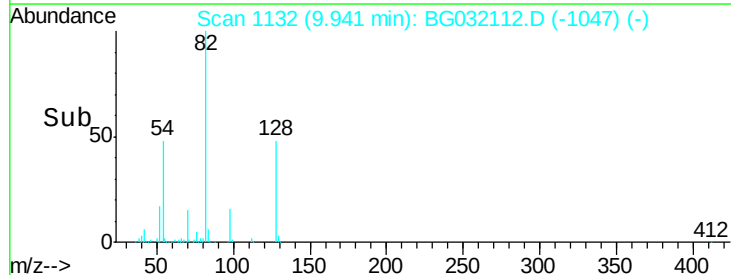
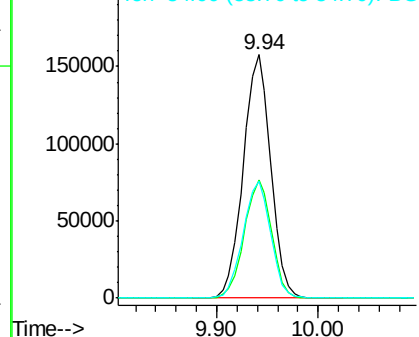


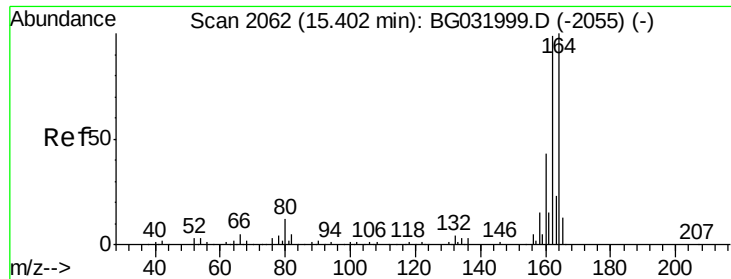
#23
Nitrobenzene-d5
Concen: 99.080 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.03 min
Lab File: BG032112.D
Acq: 17 Jan 2018 22:21

Tgt Ion:	82	Resp:	296181
Ion	Ratio	Lower	Upper
82	100		
128	48.5	29.7	44.5#
54	48.2	43.1	64.7



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: 20.000 ng

RT: 15.38 min Scan# 2057

Delta R.T. -0.03 min

Lab File: BG032112.D

Acq: 17 Jan 2018 22:21

Instrument :

BNA_G

ClientSampleId :

2A-15

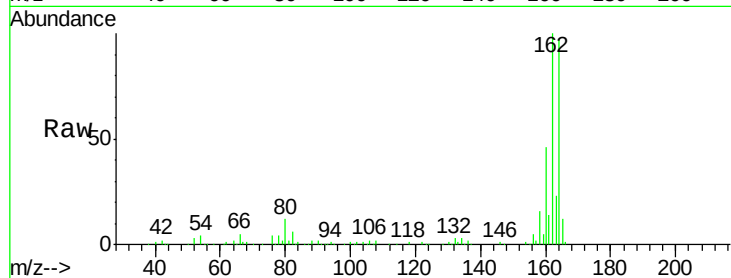
Tgt Ion:164 Resp: 144829

Ion Ratio Lower Upper

164 100

162 103.3 78.8 118.2

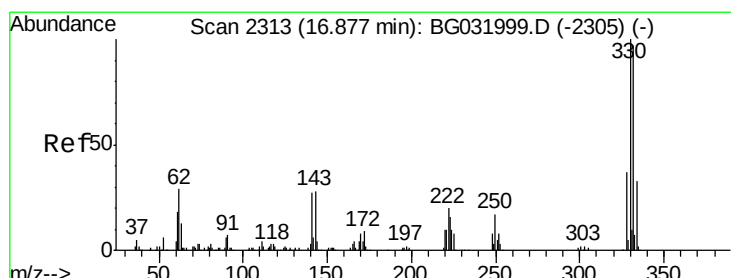
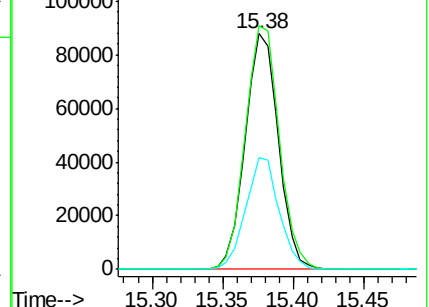
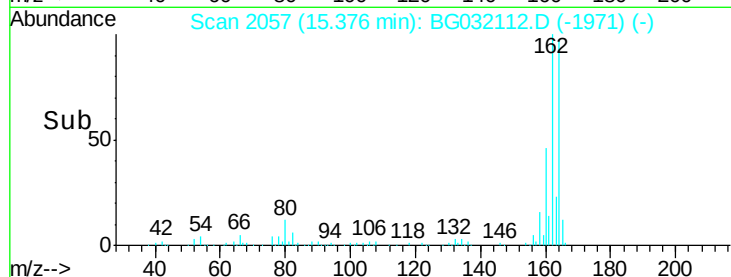
160 47.4 35.4 53.0



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: 152.500 ng

RT: 16.86 min Scan# 2309

Delta R.T. -0.02 min

Lab File: BG032112.D

Acq: 17 Jan 2018 22:21

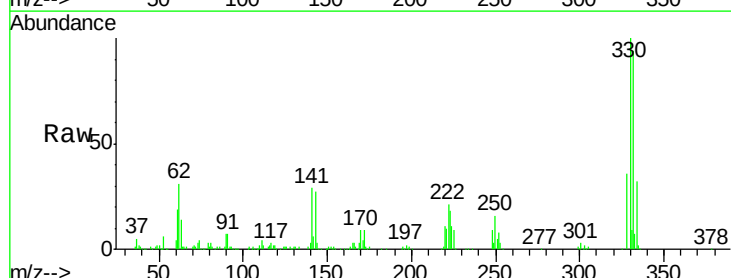
Tgt Ion:330 Resp: 365479

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

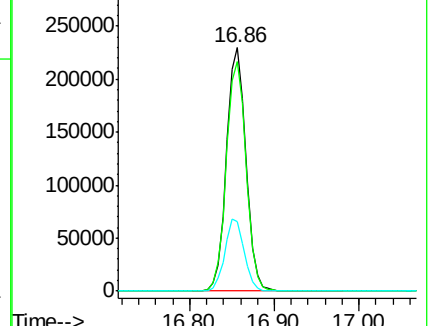
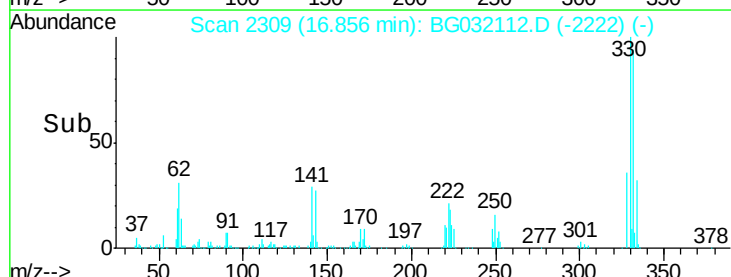
141 29.7 25.2 37.8

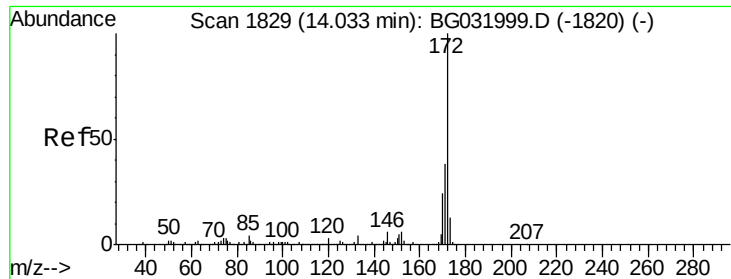


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

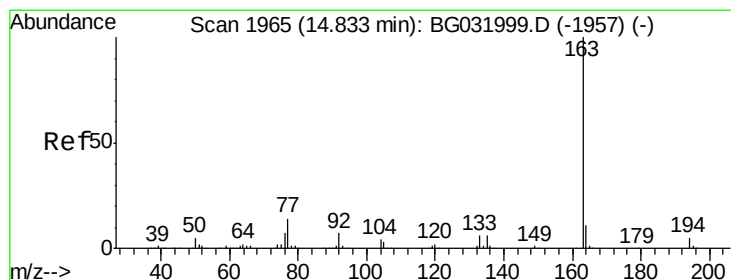
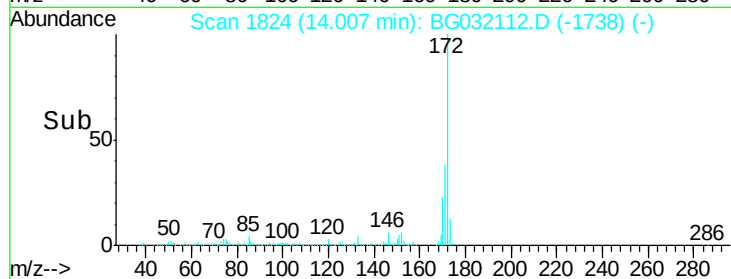
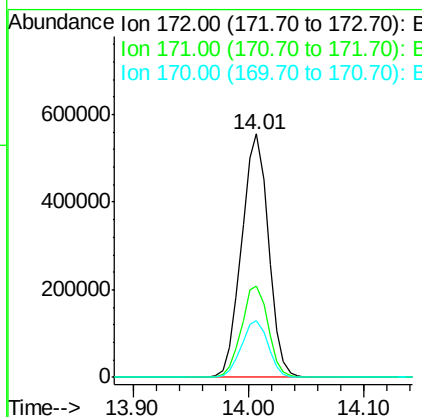
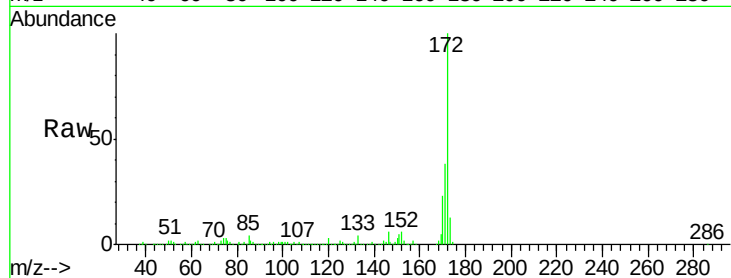




#44
2-Fluorobiphenyl
Concen: 76.827 ng
RT: 14.01 min Scan# 1824
Delta R.T. -0.03 min
Lab File: BG032112.D
Acq: 17 Jan 2018 22:21

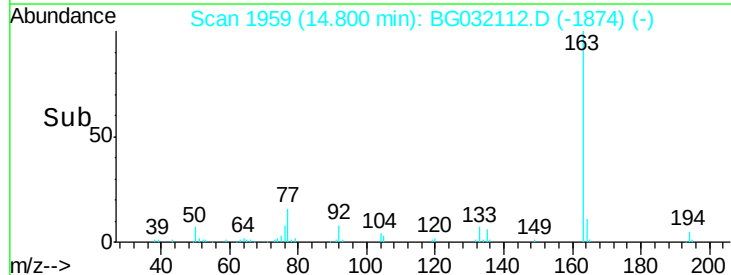
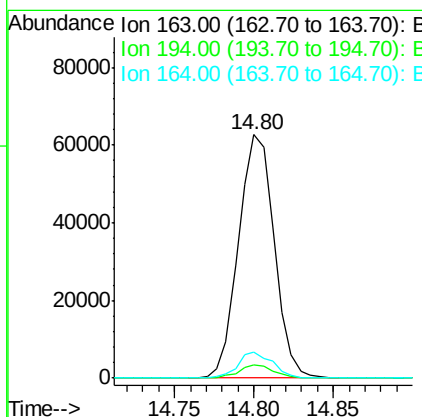
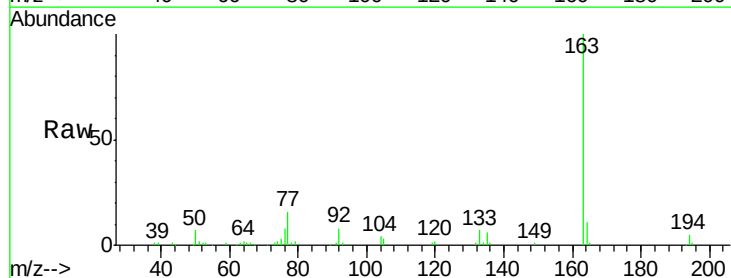
Instrument :
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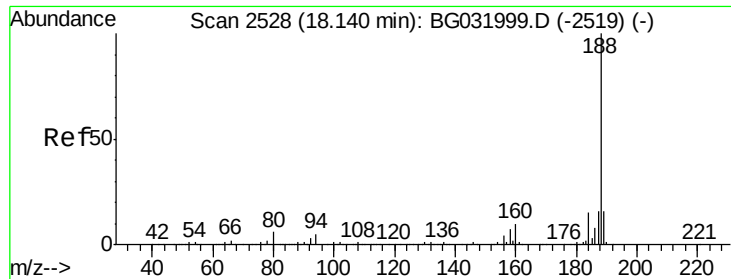
Tgt Ion:172 Resp: 897354
Ion Ratio Lower Upper
172 100
171 37.7 30.0 45.0
170 23.4 19.5 29.3



#49
Dimethylphthalate
Concen: 7.738 ng
RT: 14.80 min Scan# 1959
Delta R.T. -0.03 min
Lab File: BG032112.D
Acq: 17 Jan 2018 22:21

Tgt Ion:163 Resp: 98074
Ion Ratio Lower Upper
163 100
194 5.3 3.4 5.2#
164 10.6 8.2 12.4

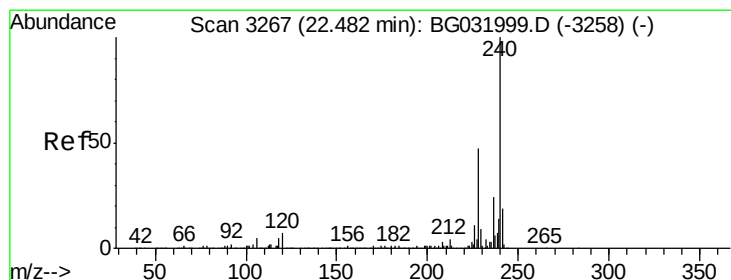
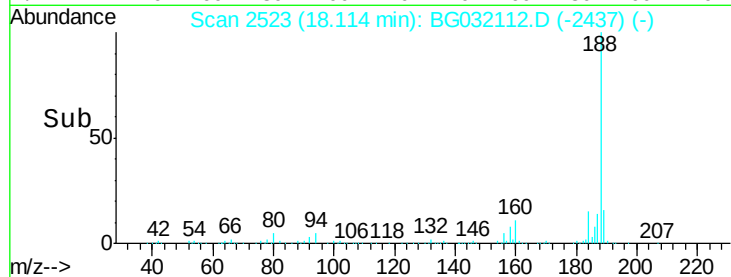
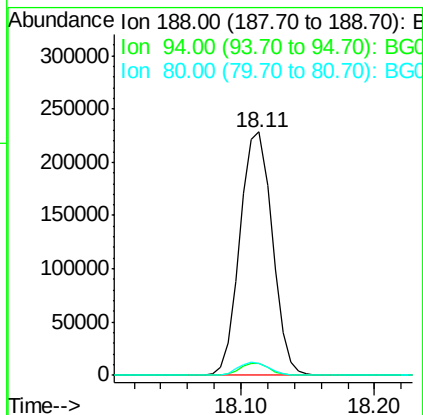
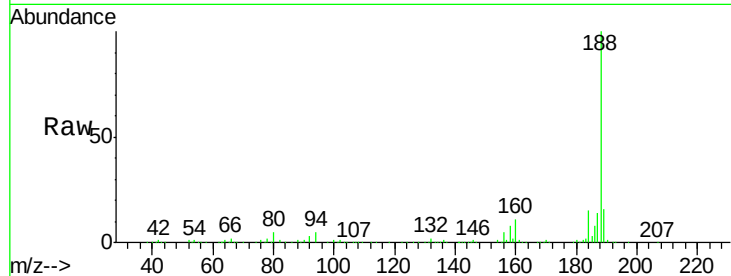




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. -0.03 min
Lab File: BG032112.D
Acq: 17 Jan 2018 22:21

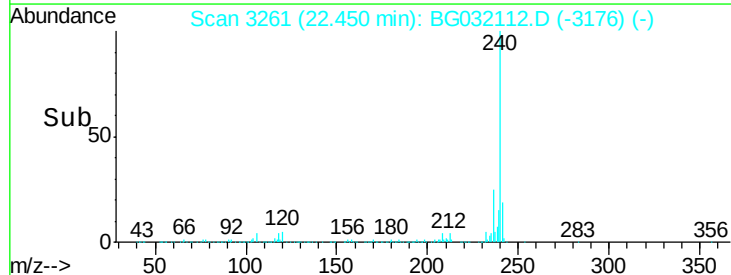
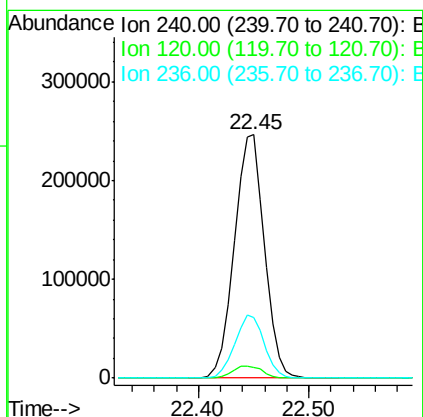
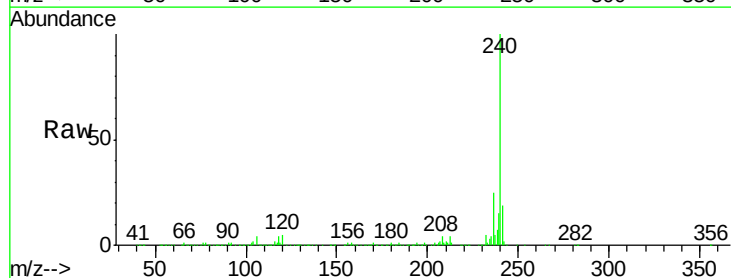
Instrument :
BNA_G
ClientSampleId :
2A-15

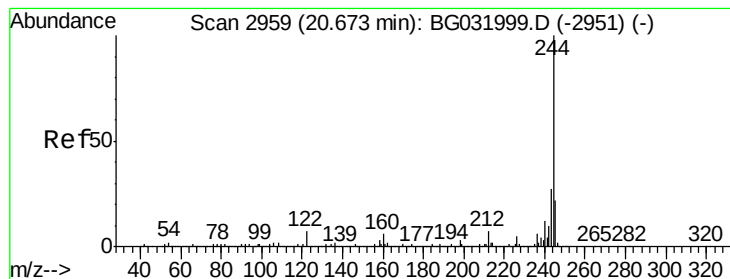
Tgt Ion:188 Resp: 383177
Ion Ratio Lower Upper
188 100
94 4.6 6.9 10.3#
80 4.8 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.45 min Scan# 3261
Delta R.T. -0.03 min
Lab File: BG032112.D
Acq: 17 Jan 2018 22:21

Tgt Ion:240 Resp: 470645
Ion Ratio Lower Upper
240 100
120 4.6 6.8 10.2#
236 24.7 20.9 31.3





#78

Terphenyl-d14

Concen: 76.476 ng

RT: 20.65 min Scan# 2954

Delta R.T. -0.03 min

Lab File: BG032112.D

Acq: 17 Jan 2018 22:21

Instrument :

BNA_G

ClientSampleId :

2A-15

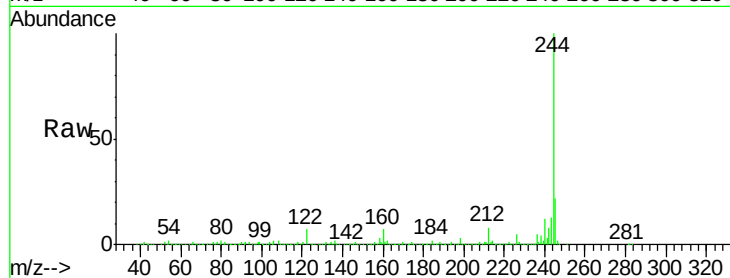
Tgt Ion:244 Resp: 1630084

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

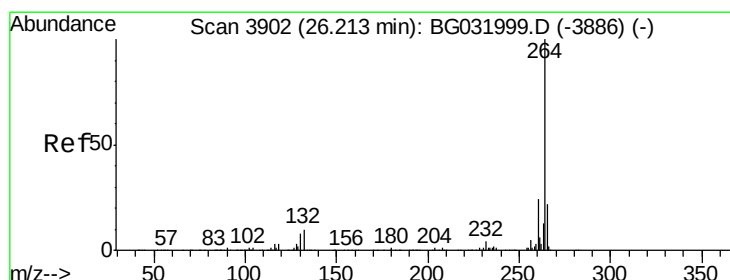
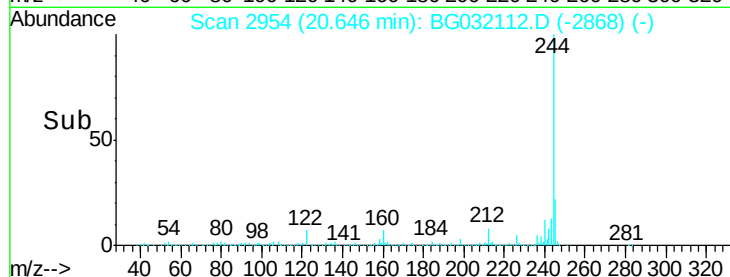
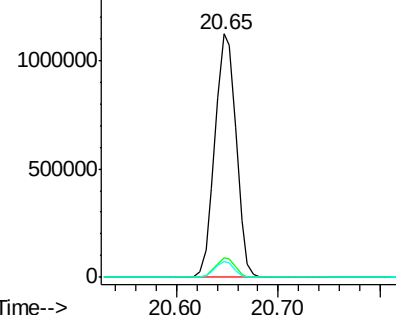
122 6.6 7.0 10.4#



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: 20.000 ng

RT: 26.15 min Scan# 3890

Delta R.T. -0.07 min

Lab File: BG032112.D

Acq: 17 Jan 2018 22:21

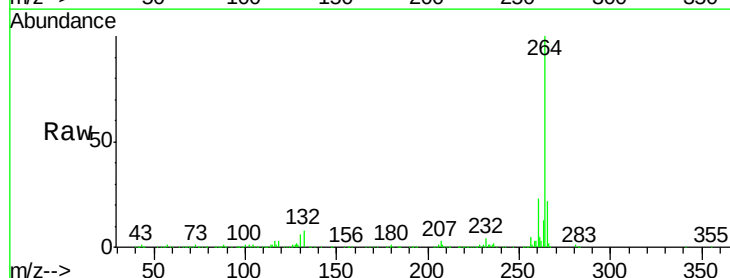
Tgt Ion:264 Resp: 496170

Ion Ratio Lower Upper

264 100

260 22.6 17.4 26.0

265 21.9 17.7 26.5



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

