

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012518\
 Data File : BG032316.D
 Acq On : 26 Jan 2018 6:01
 Operator : SJ/JU
 Sample : J1267-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IGW-5

Quant Time: Jan 26 07:30:34 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

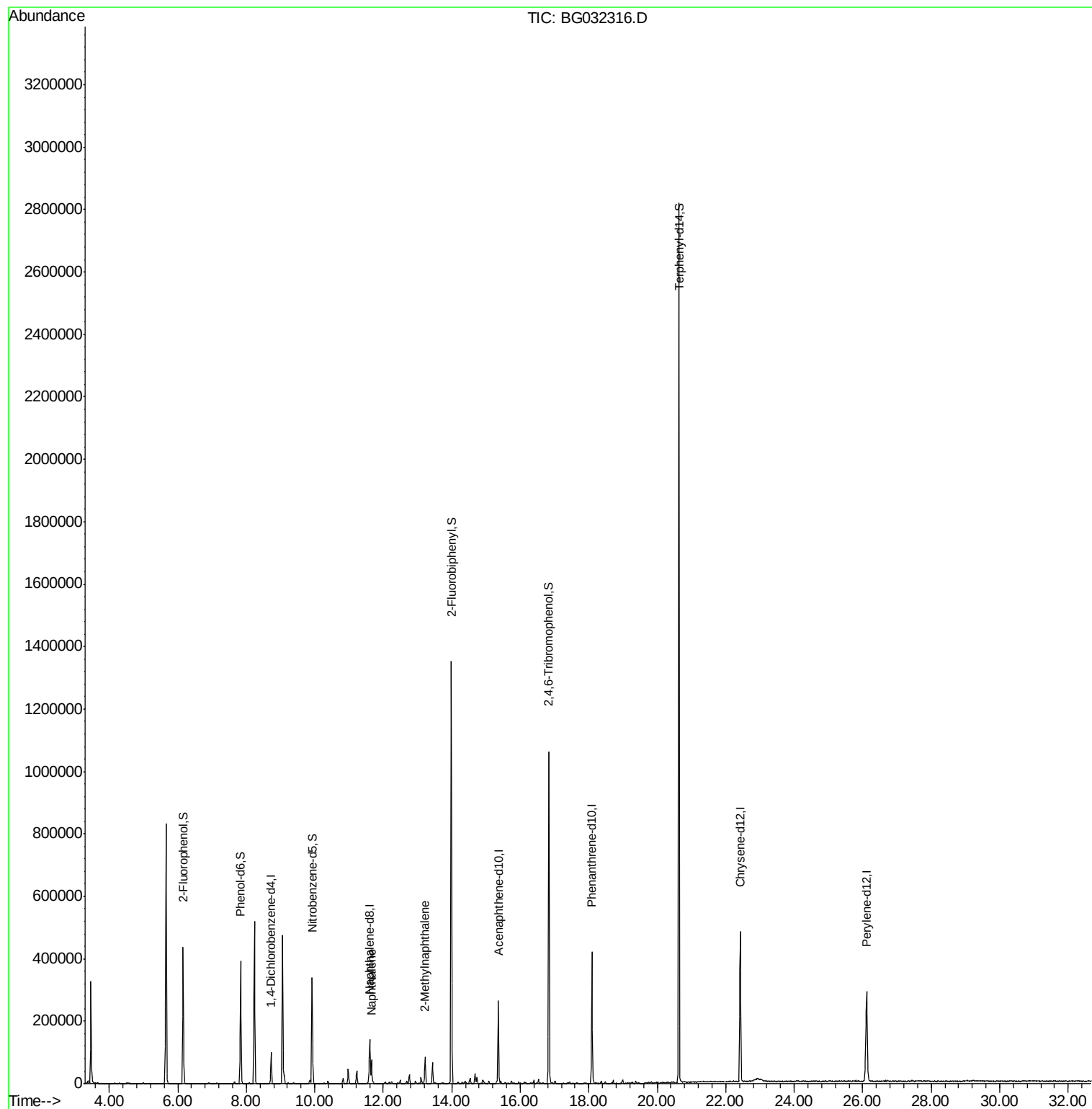
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	33351	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	134833	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	101606	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	291176	20.00	ng	0.00
75) Chrysene-d12	22.42	240	364674	20.00	ng	0.00
86) Perylene-d12	26.11	264	395322	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	208229	114.19	ng	0.00
7) Phenol-d6	7.84	99	235083	102.36	ng	0.00
23) Nitrobenzene-d5	9.92	82	212026	106.39	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	254289	151.24	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	788625	96.24	ng	0.00
78) Terphenyl-d14	20.63	244	1515547	91.76	ng	0.00
Target Compounds						
31) Naphthalene	11.65	128	68792	10.299	ng	98
37) 2-Methylnaphthalene	13.22	142	45921	8.660	ng	93

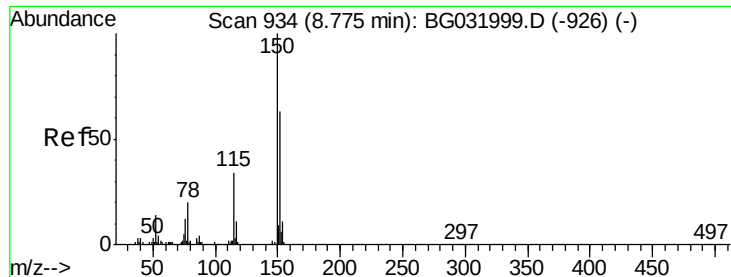
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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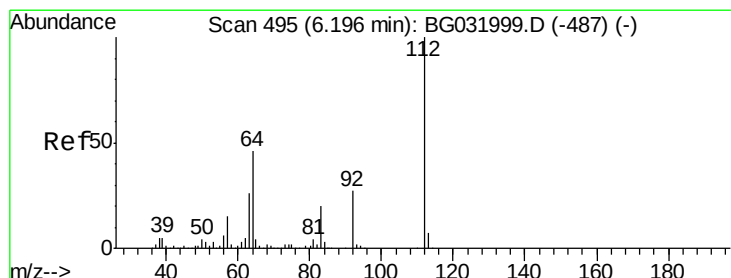
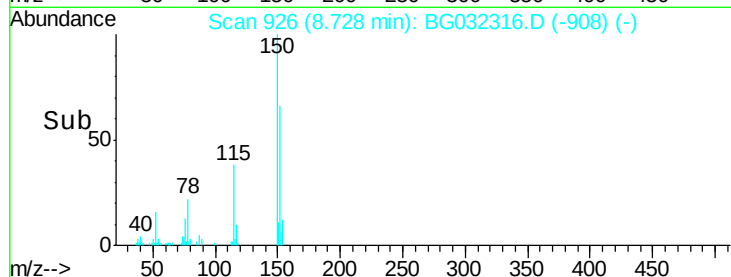
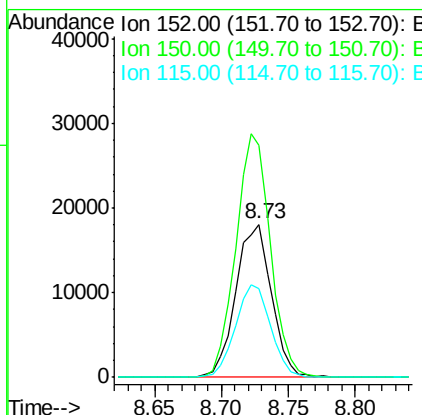
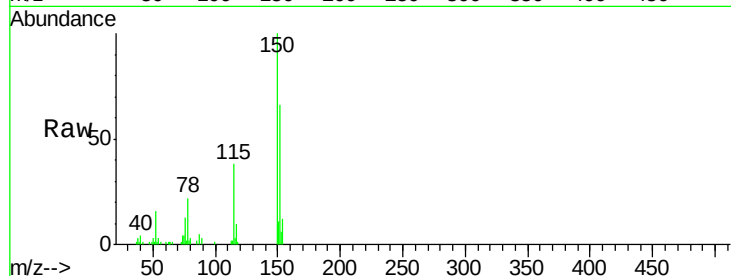


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.73 min Scan# 926
Delta R.T. 0.01 min
Lab File: BG032316.D
Acq: 26 Jan 2018 6:01

Instrument :
BNA_G
ClientSampleId :
IGW-5

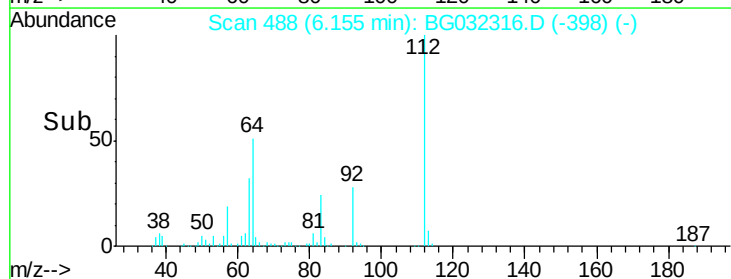
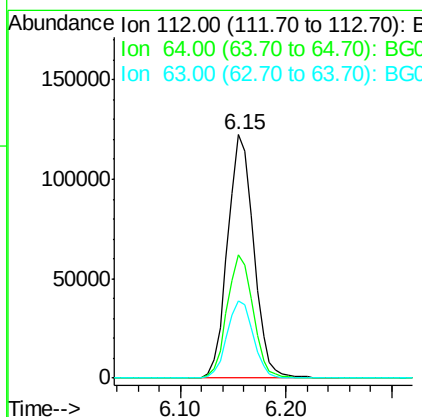
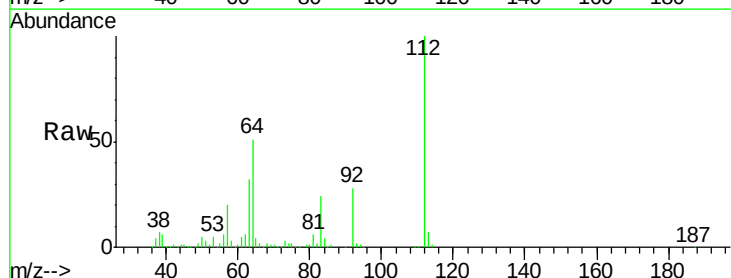
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	126.6	189.8
115	58.0	53.0	79.4

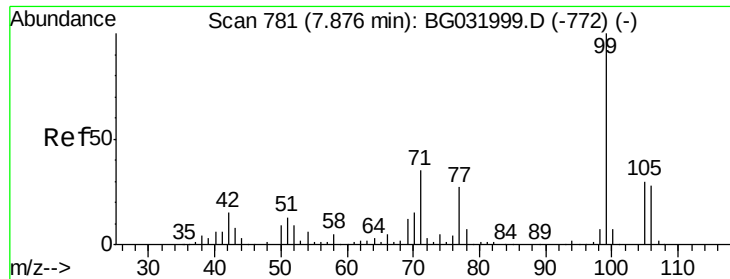


#5

2-Fluorophenol
Concen: 114.191 ng
RT: 6.15 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG032316.D
Acq: 26 Jan 2018 6:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.9	56.3	84.5#
63	31.7	30.1	45.1





#7

Phenol-d6

Concen: 102.361 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032316.D

Acq: 26 Jan 2018 6:01

Instrument :

BNA_G

ClientSampleId :

IGW-5

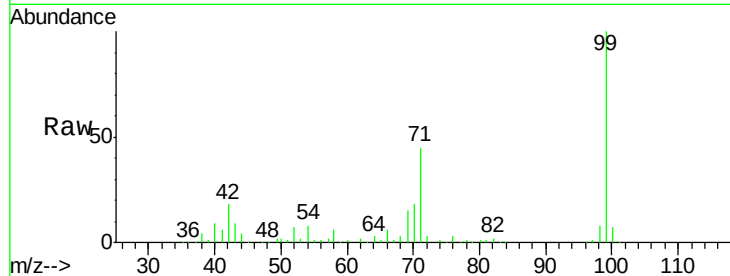
Tot Ion: 99 Resp: 235083

Ion Ratio Lower Upper

99 100

42 17.6 14.1 21.1

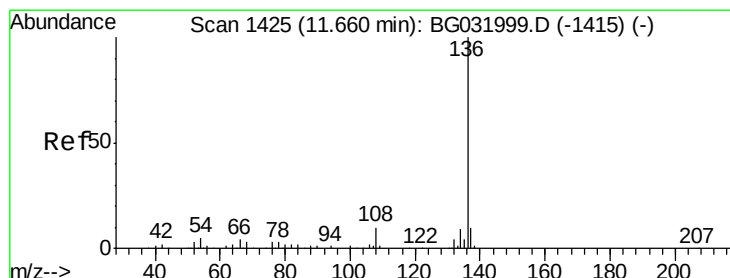
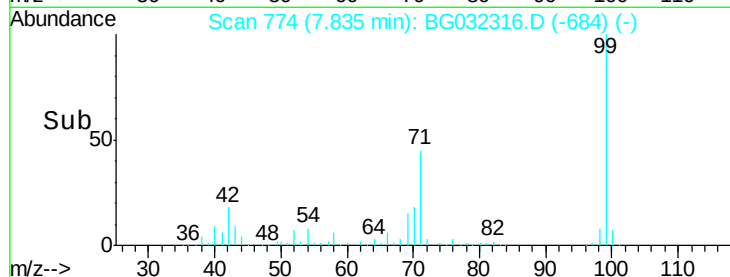
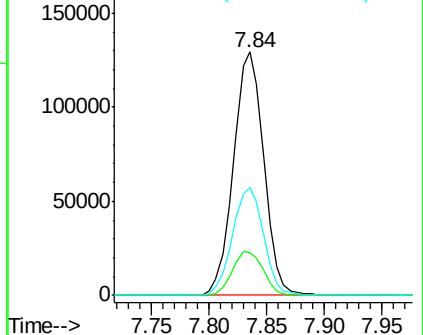
71 44.6 26.1 39.1#



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.60 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BG032316.D

Acq: 26 Jan 2018 6:01

Tgt Ion: 136 Resp: 134833

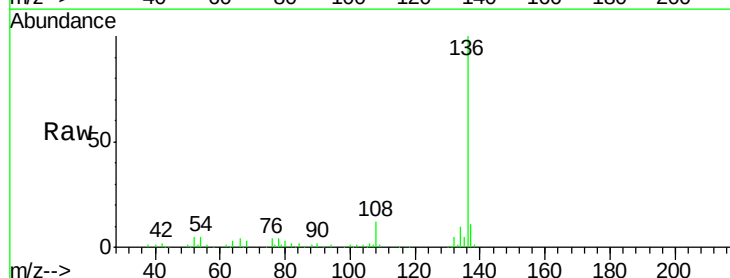
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 4.9 10.3 15.5#

68 2.5 4.5 6.7#

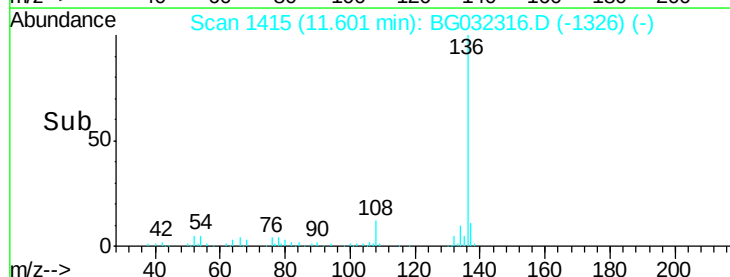
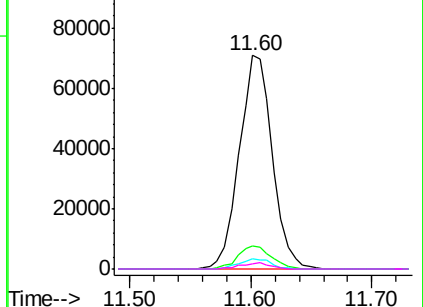


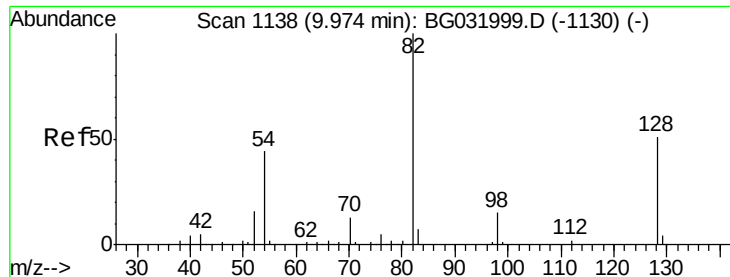
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

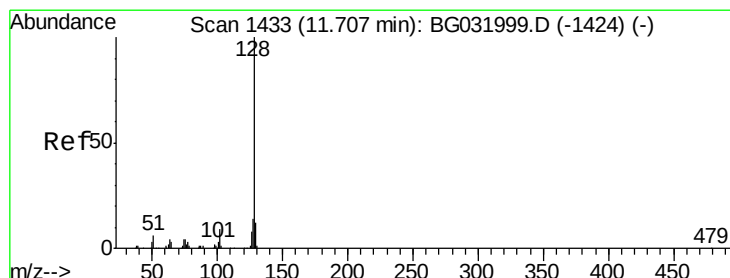
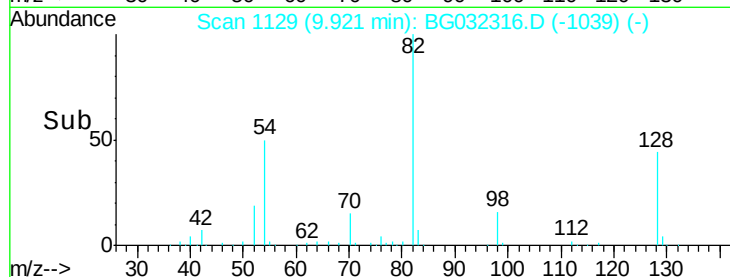
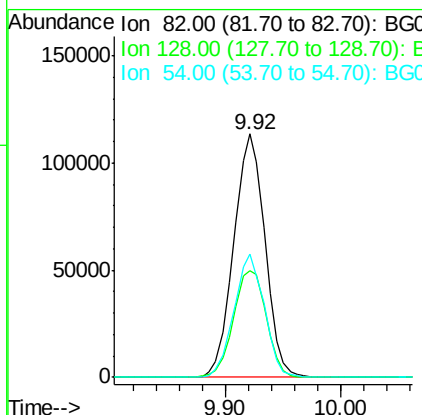
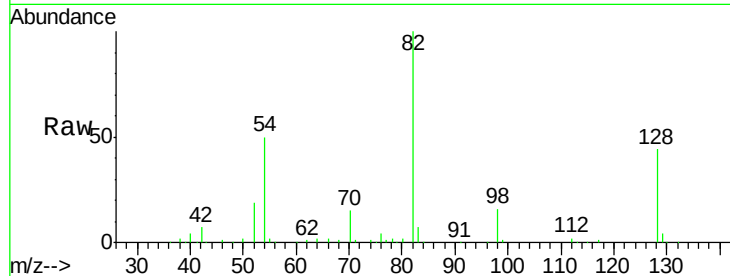




#23
 Nitrobenzene-d5
 Concen: 106.387 ng
 RT: 9.92 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: BG032316.D
 Acq: 26 Jan 2018 6:01

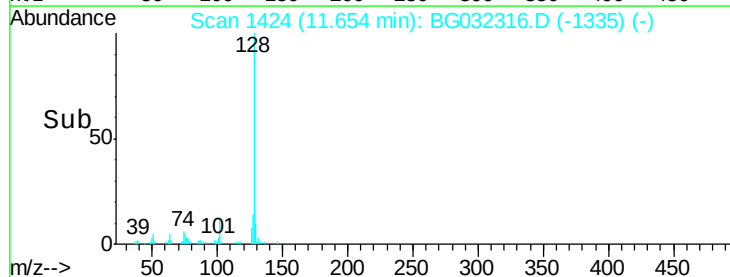
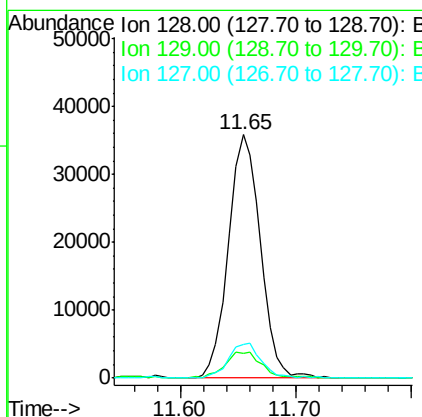
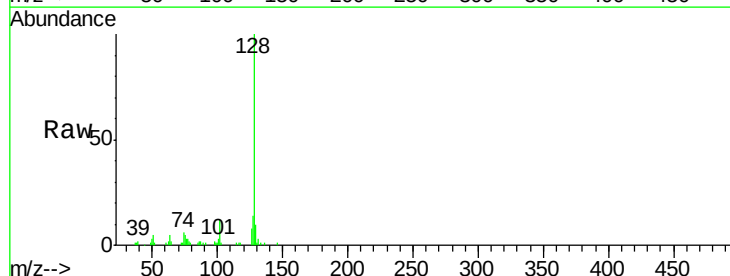
Instrument :
 BNA_G
 ClientSampled :
 IGW-5

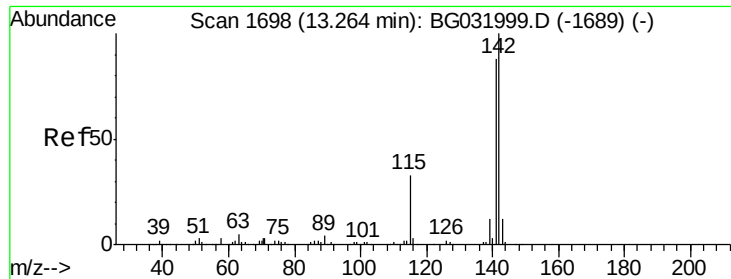
Tot Ion	82	Resp	212026
Ion Ratio	Lower	Upper	
82	100		
128	44.1	29.7	44.5
54	50.5	43.1	64.7



#31
 Naphthalene
 Concen: 10.299 ng
 RT: 11.65 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BG032316.D
 Acq: 26 Jan 2018 6:01

Tgt Ion	128	Resp	68792
Ion Ratio	Lower	Upper	
128	100		
129	10.3	8.6	12.8
127	13.6	11.6	17.4

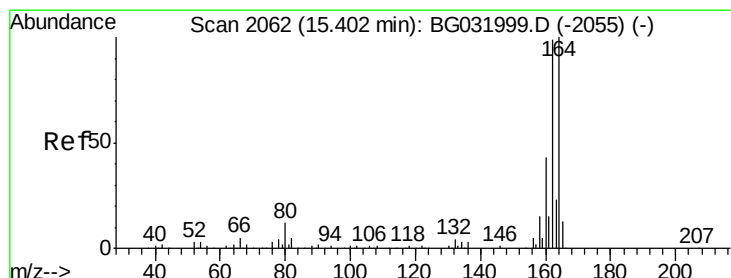
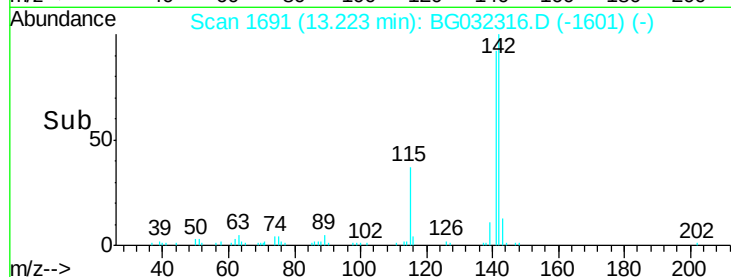
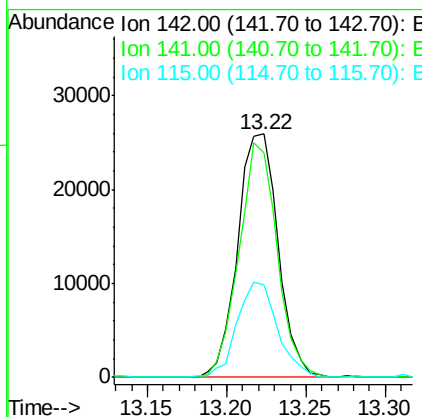
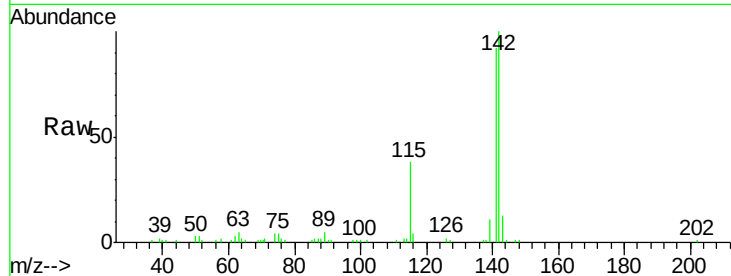




#37
2-Methylnaphthalene
Concen: 8.660 ng
RT: 13.22 min Scan# 1691
Delta R.T. -0.00 min
Lab File: BG032316.D
Acq: 26 Jan 2018 6:01

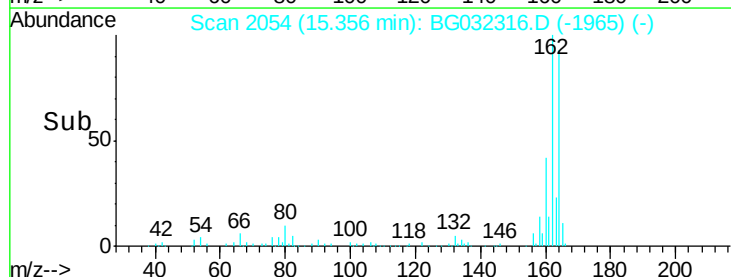
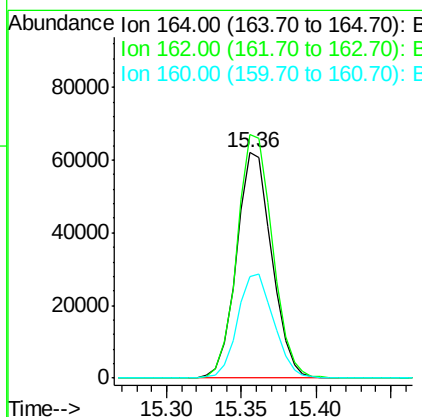
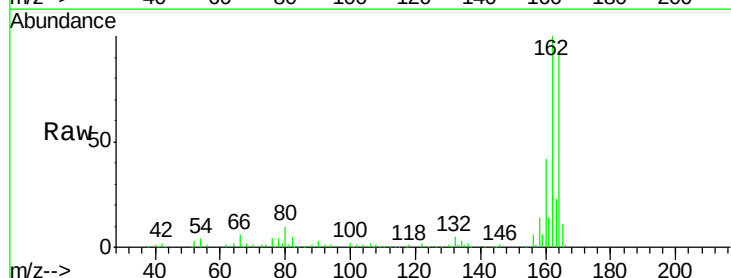
Instrument :
BNA_G
ClientSampleId :
IGW-5

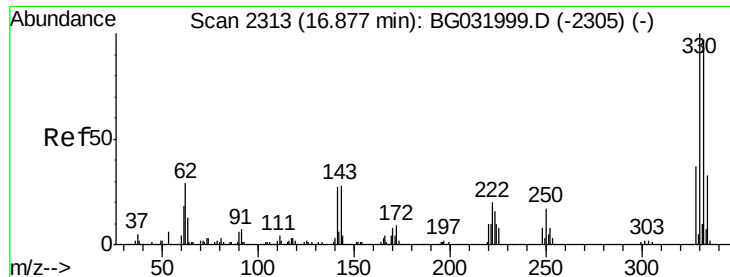
Tot Ion:142 Resp: 45921
Ion Ratio Lower Upper
142 100
141 92.3 67.1 100.7
115 37.9 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG032316.D
Acq: 26 Jan 2018 6:01

Tgt Ion:164 Resp: 101606
Ion Ratio Lower Upper
164 100
162 107.9 78.8 118.2
160 44.9 35.4 53.0

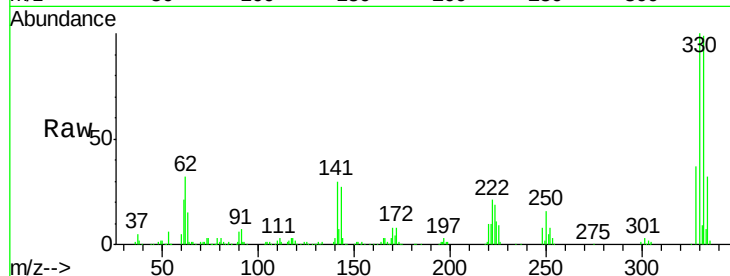




#41
 2,4,6-Tribromophenol
 Concen: 151.242 ng
 RT: 16.84 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: BG032316.D
 Acq: 26 Jan 2018 6:01

Instrument :
 BNA_G
 ClientSampleId :
 IGW-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	29.3	25.2	37.8

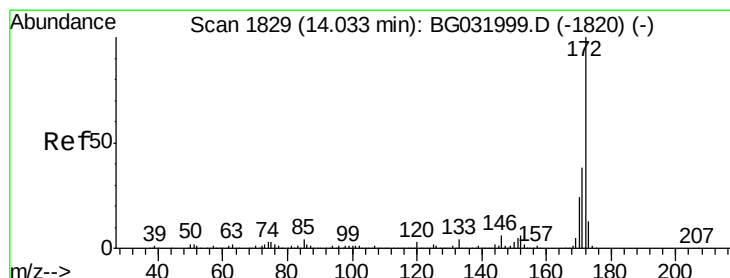
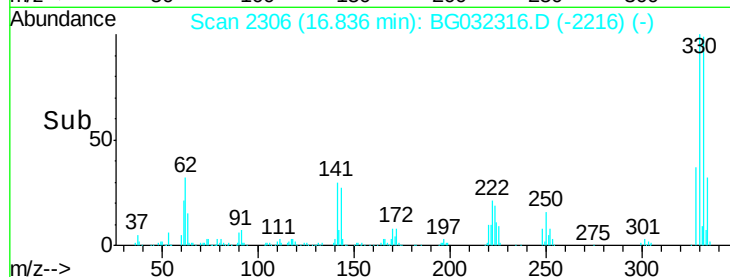
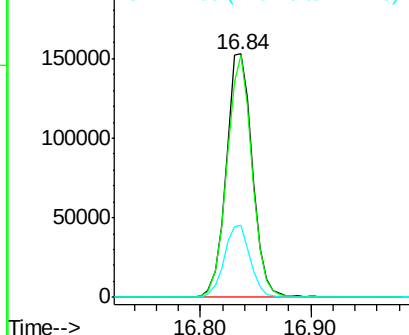


Abundance

Ion 329.80 (329.50 to 330.50): E

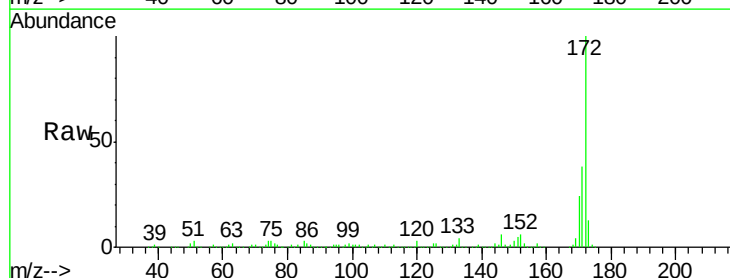
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 96.240 ng
 RT: 13.99 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG032316.D
 Acq: 26 Jan 2018 6:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	23.9	19.5	29.3

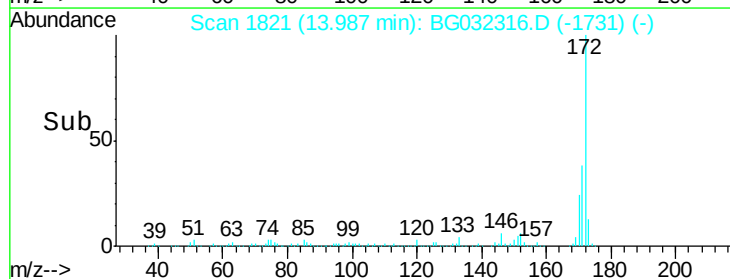
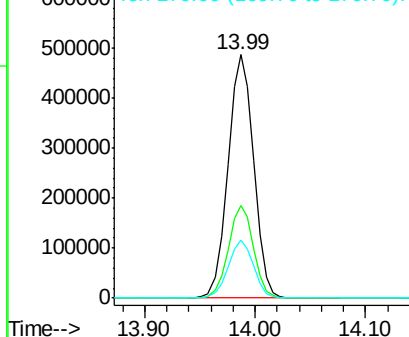


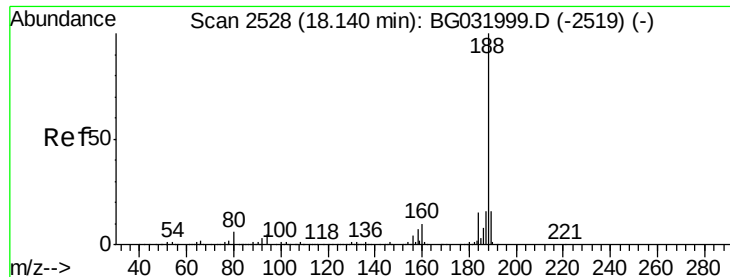
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

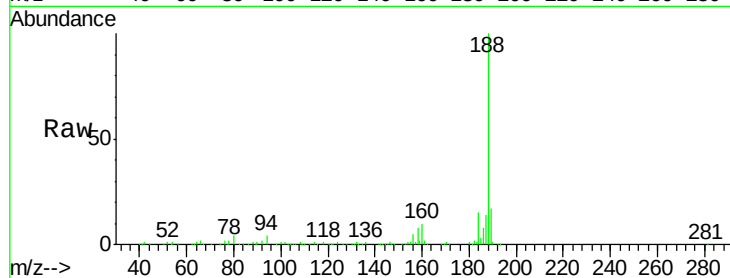




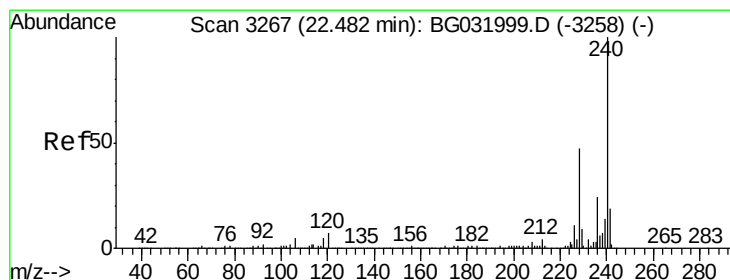
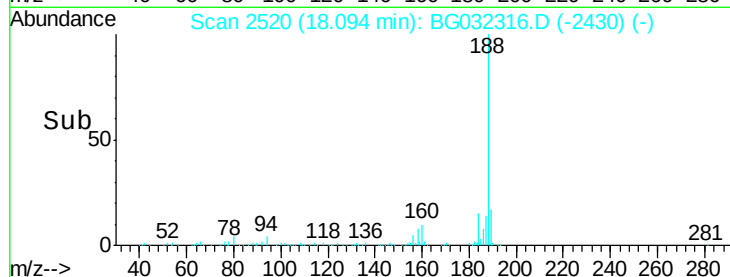
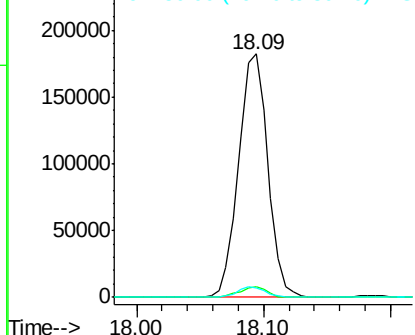
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2520
Delta R.T. -0.00 min
Lab File: BG032316.D
Acq: 26 Jan 2018 6:01

Instrument :
BNA_G
ClientSampleId :
IGW-5

Tot Ion:188 Resp: 291176
Ion Ratio Lower Upper
188 100
94 4.4 6.9 10.3#
80 3.9 7.7 11.5#

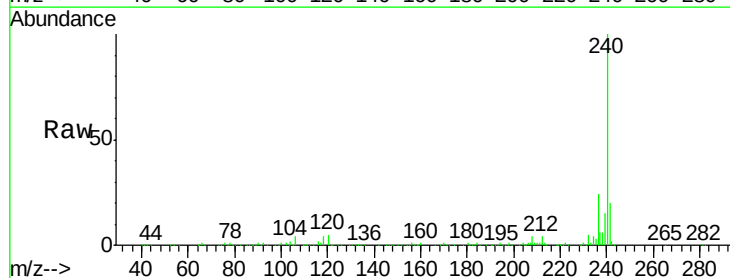


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

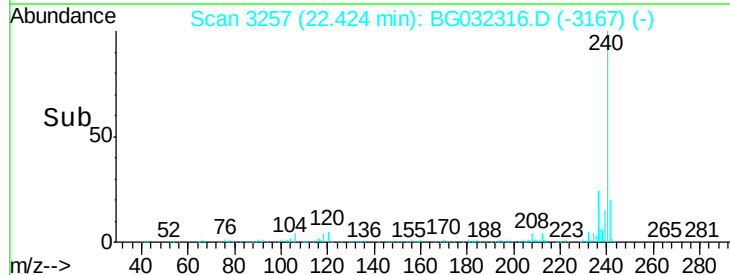
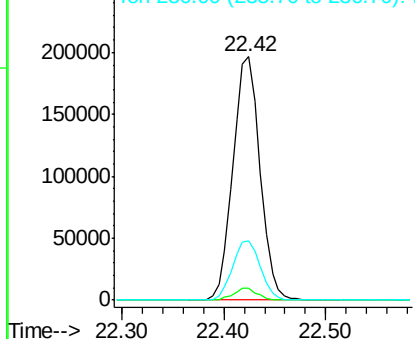


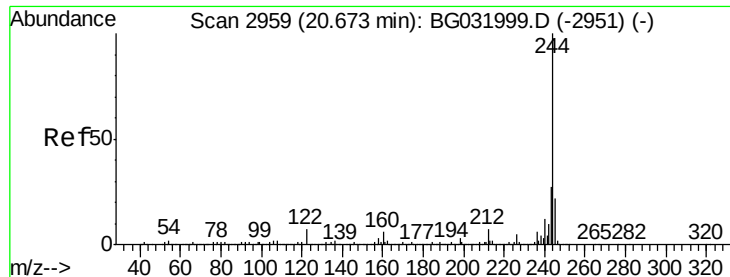
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3257
Delta R.T. -0.00 min
Lab File: BG032316.D
Acq: 26 Jan 2018 6:01

Tgt Ion:240 Resp: 364674
Ion Ratio Lower Upper
240 100
120 4.7 6.8 10.2#
236 24.3 20.9 31.3



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





#78

Terphenyl-d14

Concen: 91.764 ng

RT: 20.63 min Scan# 2952

Delta R.T. -0.00 min

Lab File: BG032316.D

Acq: 26 Jan 2018 6:01

Instrument :

BNA_G

ClientSampleId :

IGW-5

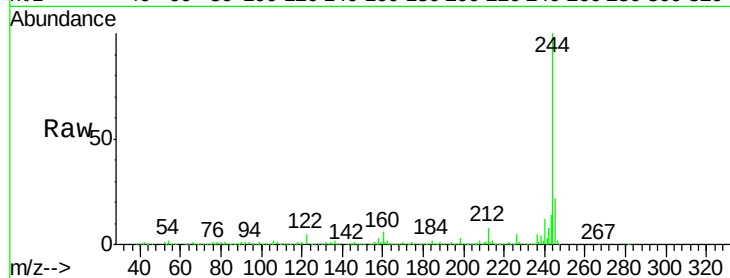
Tot Ion:244 Resp: 1515547

Ion Ratio Lower Upper

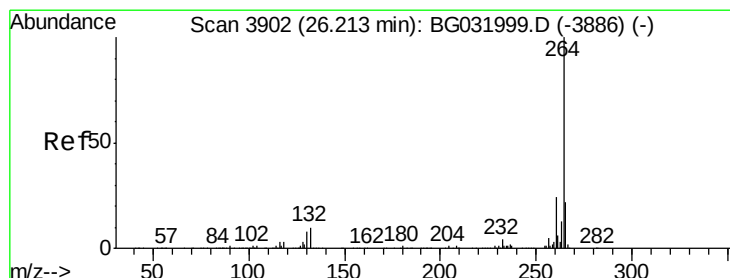
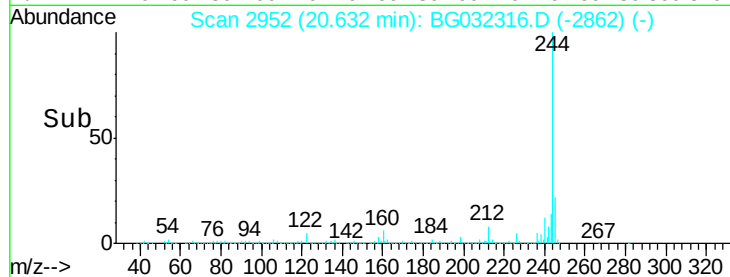
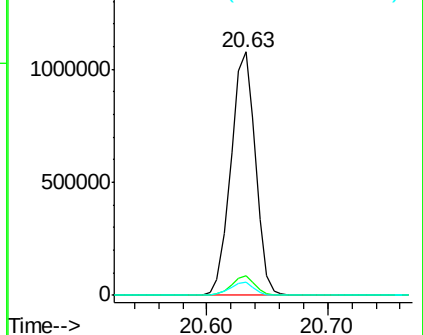
244 100

212 7.8 5.8 8.8

122 5.4 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: 26.11 min Scan# 3885

Delta R.T. 0.01 min

Lab File: BG032316.D

Acq: 26 Jan 2018 6:01

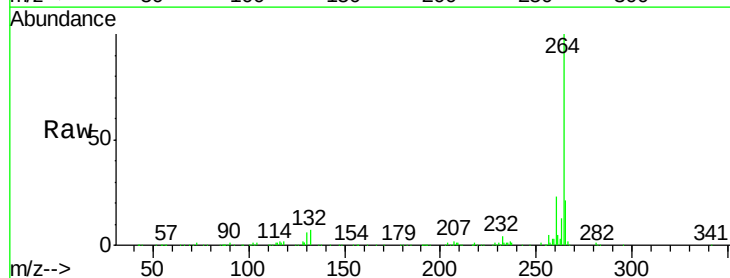
Tgt Ion:264 Resp: 395322

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 20.8 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

