

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
 Data File : BG029350.D
 Acq On : 19 Oct 2017 3:09
 Operator : SJ/JU
 Sample : I5836-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 19 16:33:47 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

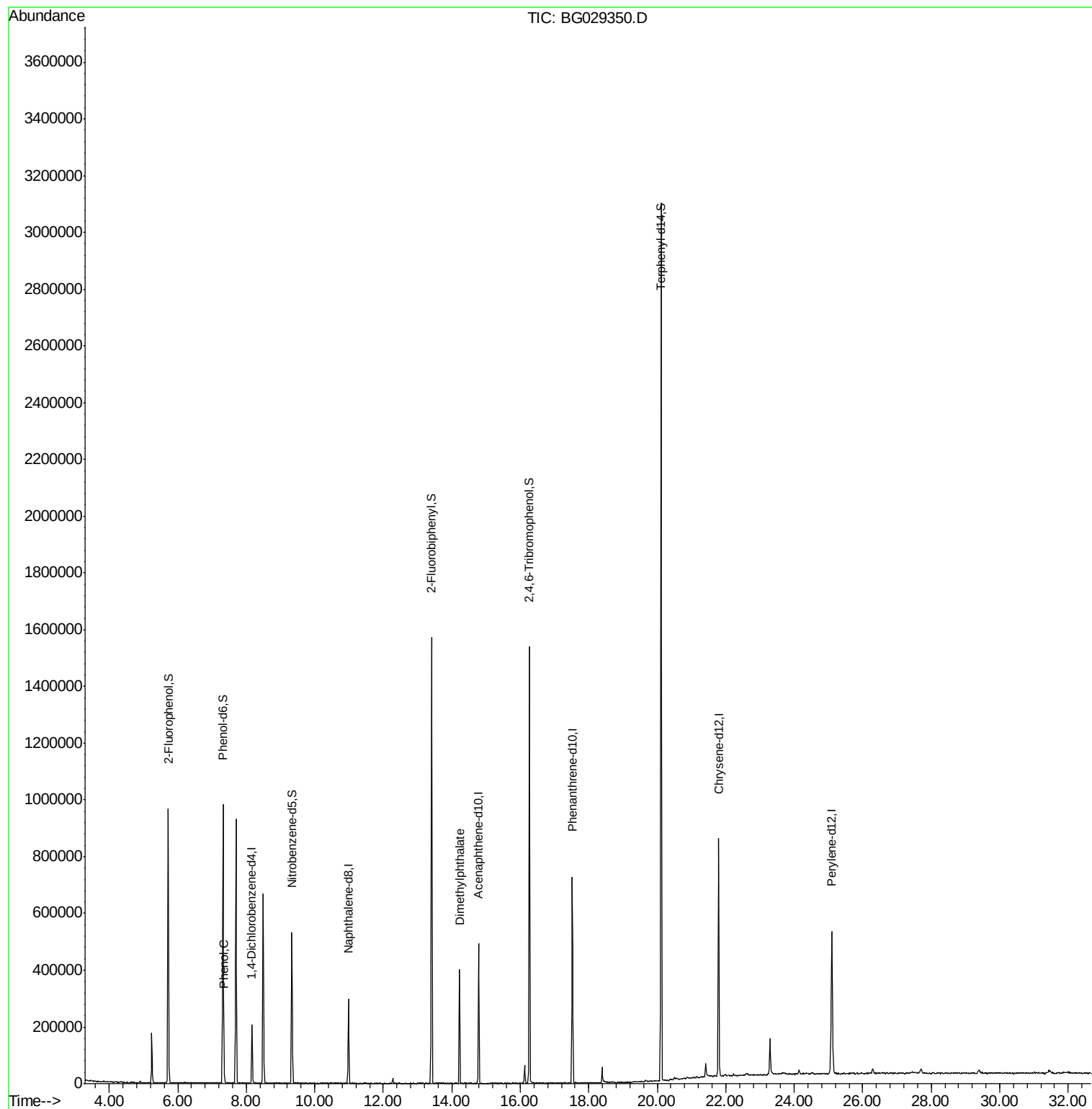
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	59963	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	263141	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	174563	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	450368	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	528877	20.00	ng	-0.01
86) Perylene-d12	25.10	264	535608	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	439410	122.42	ng	0.00
7) Phenol-d6	7.32	99	580812	115.28	ng	0.00
23) Nitrobenzene-d5	9.33	82	325823	78.68	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	305865	135.71	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	833075	69.99	ng	0.00
78) Terphenyl-d14	20.11	244	1427881	61.42	ng	-0.01
Target Compounds						
10) Phenol	7.35	94	33415	6.152	ng	89
49) Dimethylphthalate	14.23	163	287130	21.082	ng	99

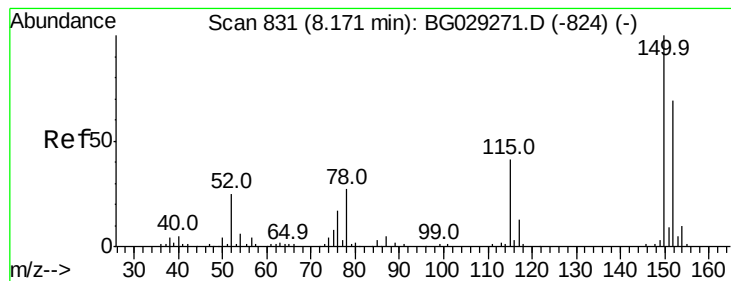
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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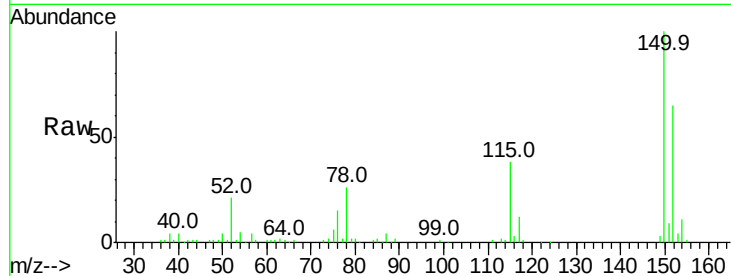


#1

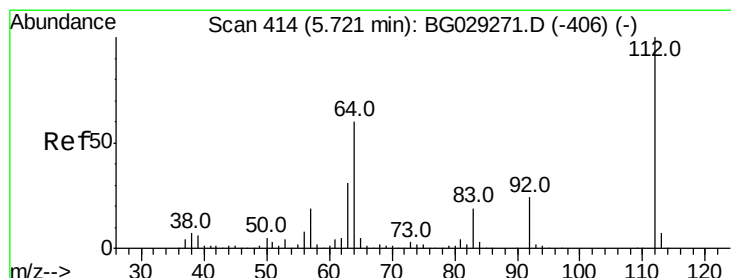
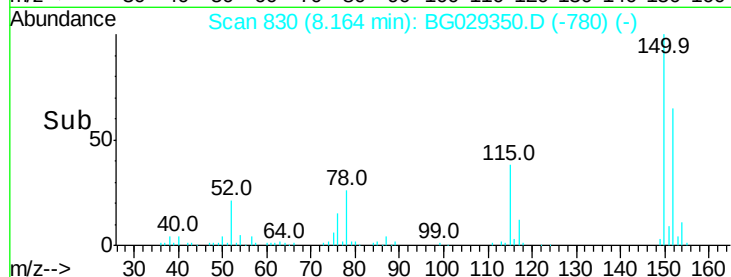
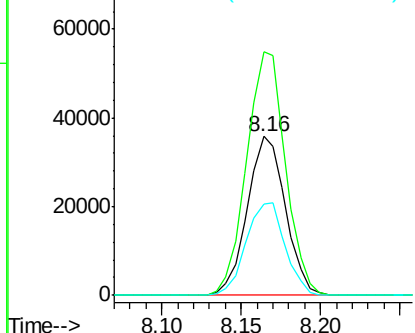
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG029350.D
Acq: 19 Oct 2017 3:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 59963
Ion Ratio Lower Upper
152 100
150 153.5 126.6 189.8
115 57.9 53.0 79.4



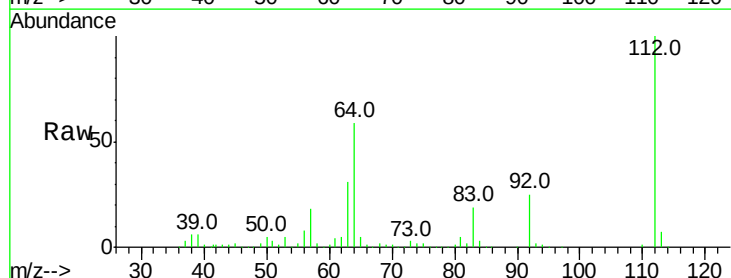
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



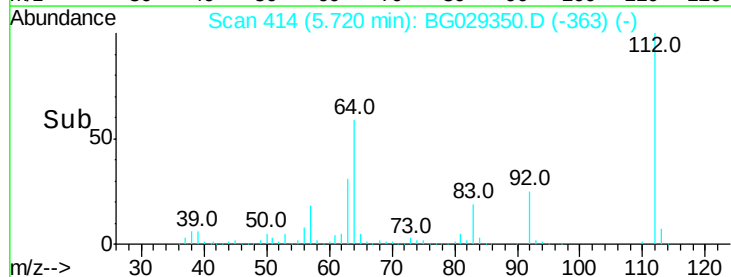
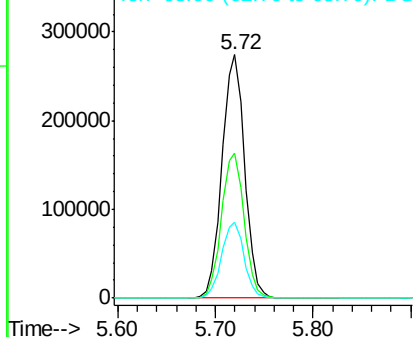
#5

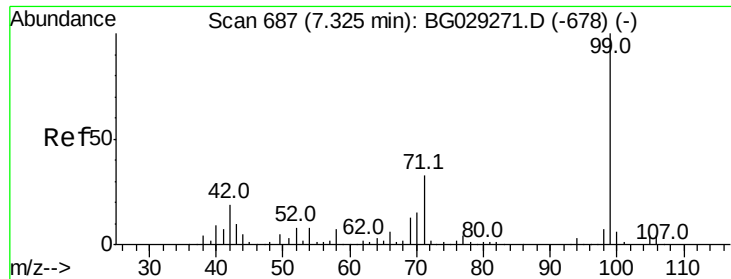
2-Fluorophenol
Concen: 122.418 ng
RT: 5.72 min Scan# 414
Delta R.T. -0.00 min
Lab File: BG029350.D
Acq: 19 Oct 2017 3:09

Tgt Ion:112 Resp: 439410
Ion Ratio Lower Upper
112 100
64 59.5 56.3 84.5
63 31.0 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 115.279 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029350.D

Acq: 19 Oct 2017 3:09

Instrument :

BNA_G

ClientSampleId :

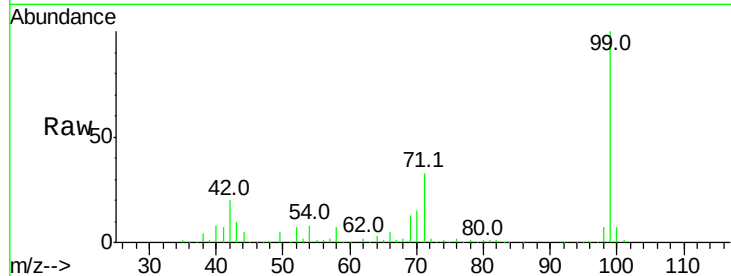
Tot Ion: 99 Resp: 580812

Ion Ratio Lower Upper

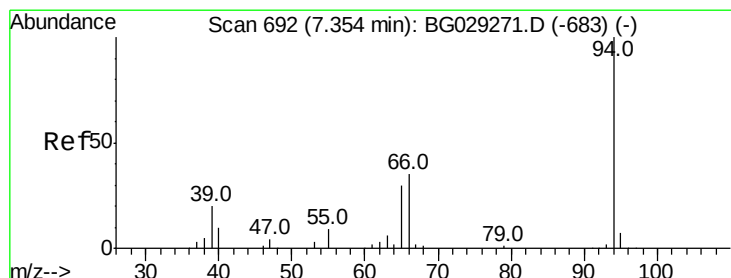
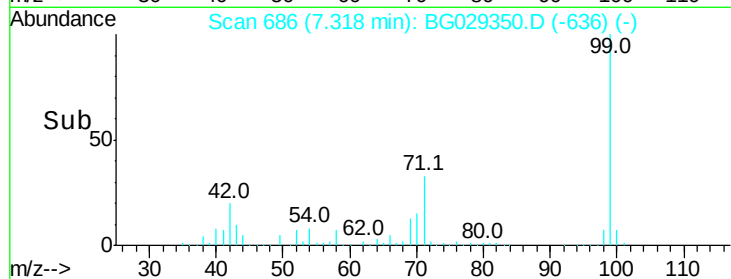
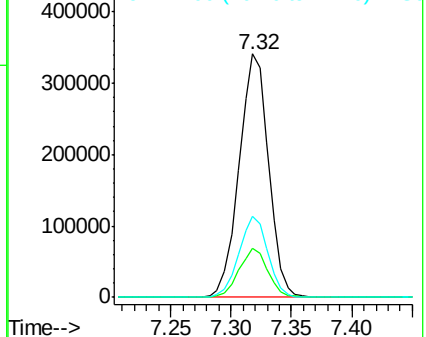
99 100

42 20.1 14.1 21.1

71 33.5 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: 6.152 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG029350.D

Acq: 19 Oct 2017 3:09

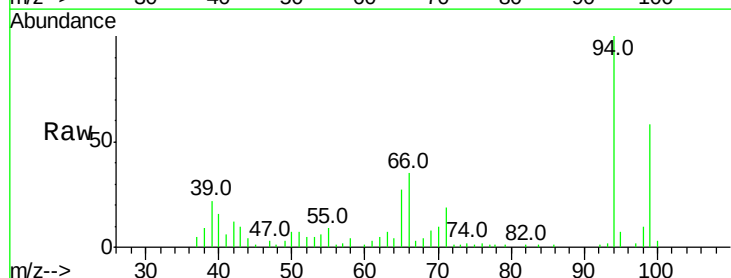
Tgt Ion: 94 Resp: 33415

Ion Ratio Lower Upper

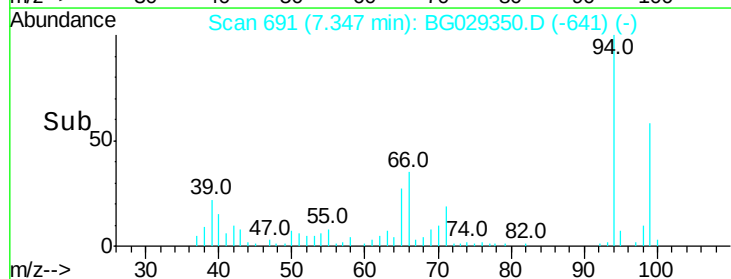
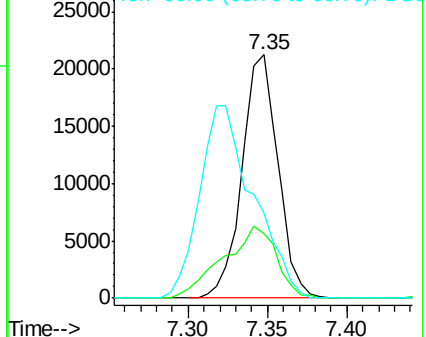
94 100

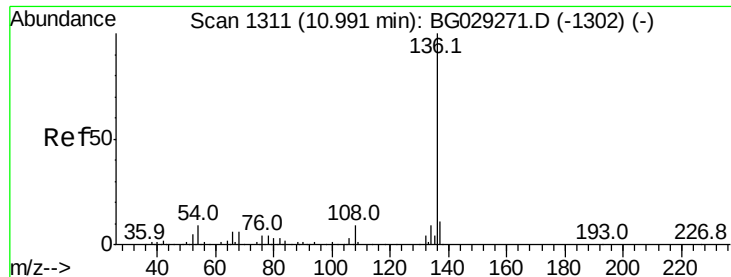
65 26.6 11.9 51.9

66 34.7 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

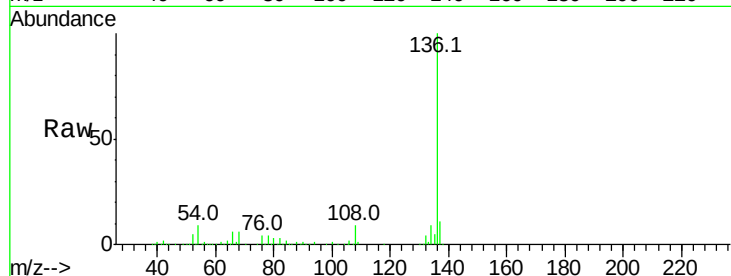




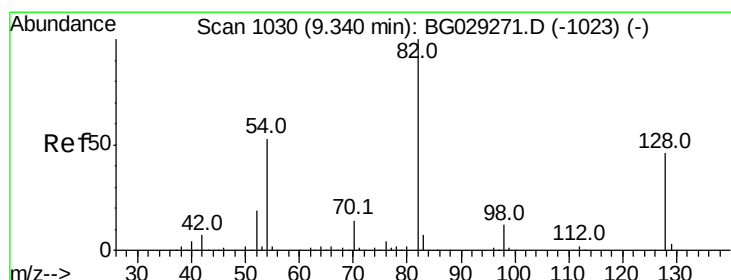
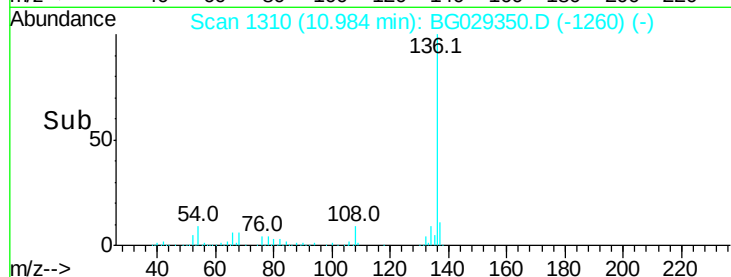
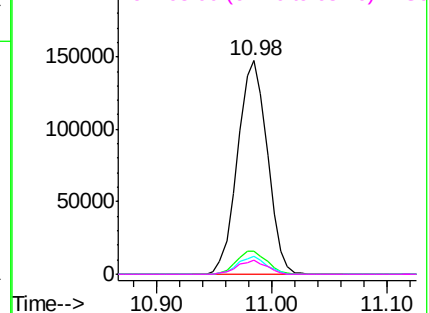
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG029350.D
Acq: 19 Oct 2017 3:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	263141
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	8.7	10.3	15.5#
68	6.5	4.5	6.7

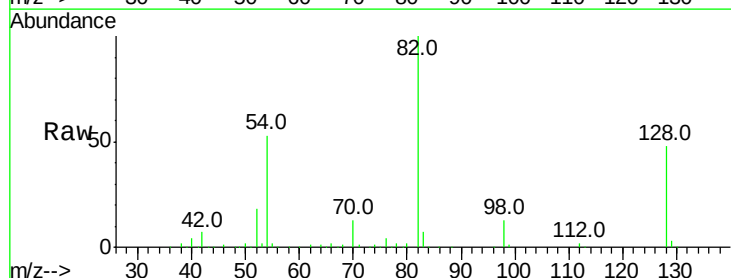


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

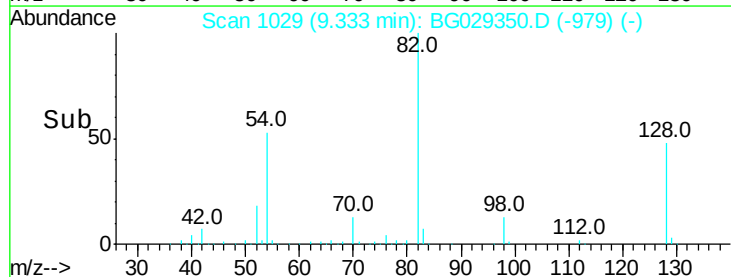
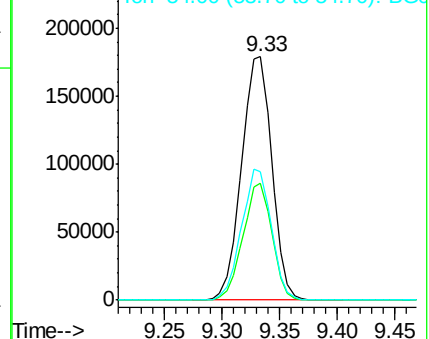


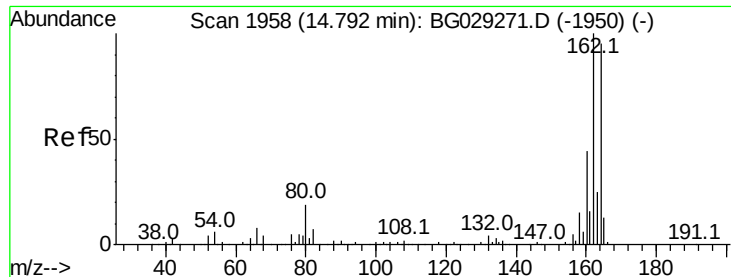
#23
Nitrobenzene-d5
Concen: 78.685 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG029350.D
Acq: 19 Oct 2017 3:09

Tgt Ion:	82	Resp:	325823
Ion	Ratio	Lower	Upper
82	100		
128	48.1	29.7	44.5#
54	52.5	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: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG029350.D

Acq: 19 Oct 2017 3:09

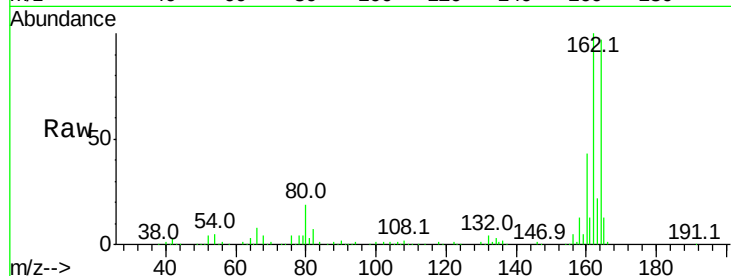
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 174563

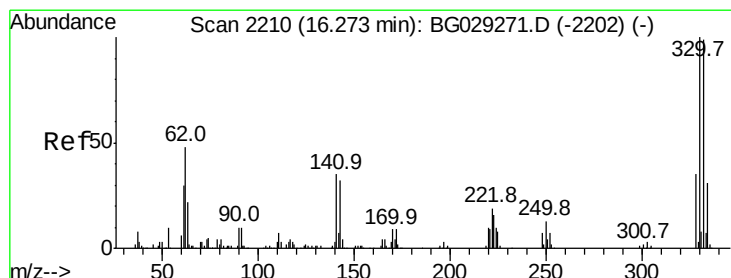
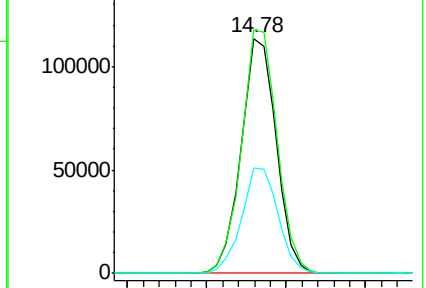
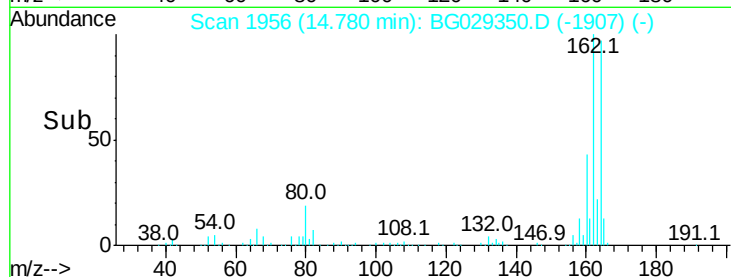
Ion	Ratio	Lower	Upper
164	100		
162	103.6	78.8	118.2
160	44.9	35.4	53.0



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: 135.712 ng

RT: 16.27 min Scan# 2209

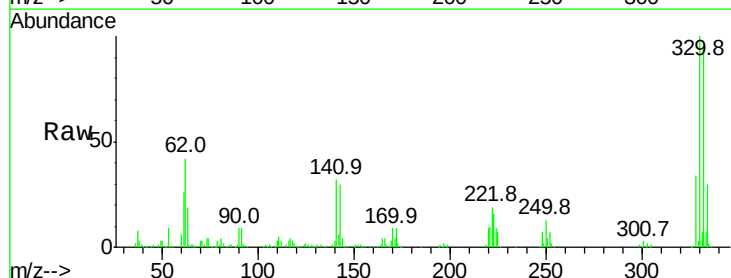
Delta R.T. -0.01 min

Lab File: BG029350.D

Acq: 19 Oct 2017 3:09

Tgt Ion:330 Resp: 305865

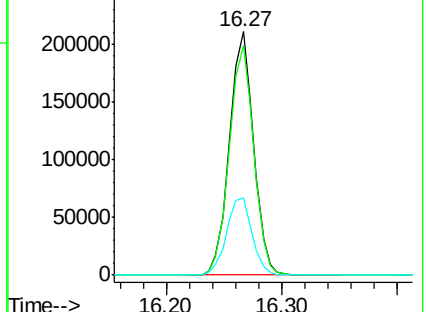
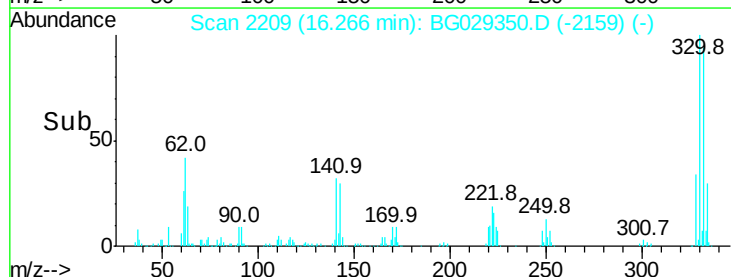
Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	33.7	25.2	37.8

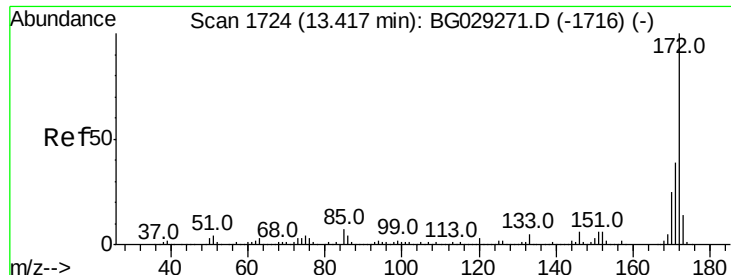


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

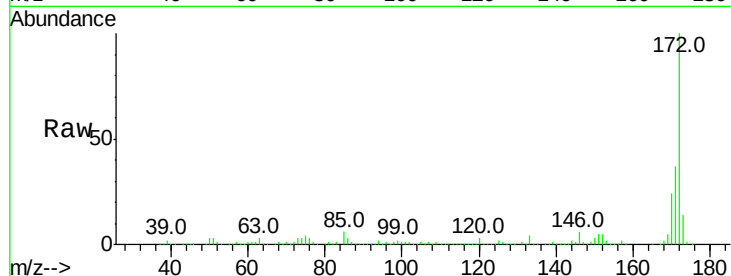




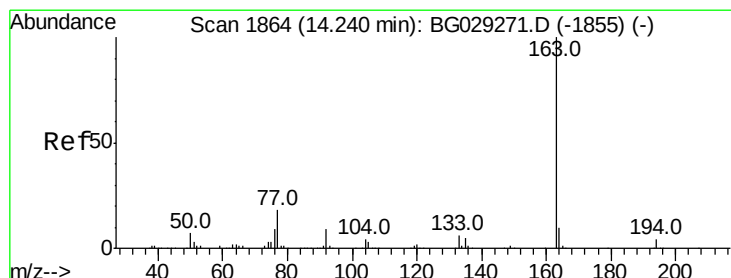
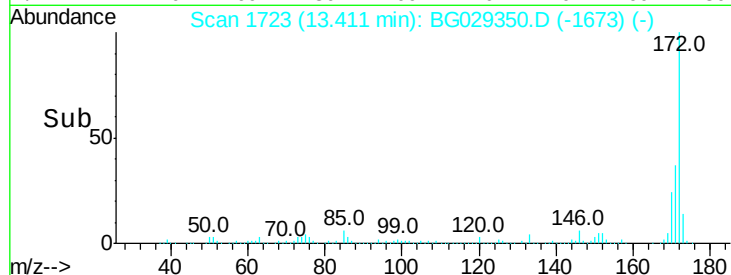
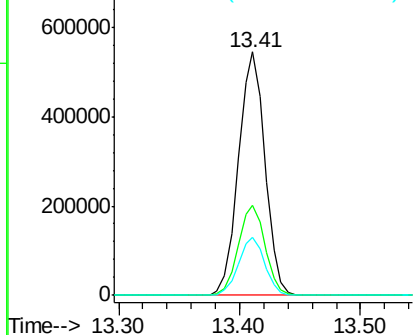
#44
 2-Fluorobiphenyl
 Concen: 69.994 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG029350.D
 Acq: 19 Oct 2017 3:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 833075
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.0 45.0
 170 24.0 19.5 29.3

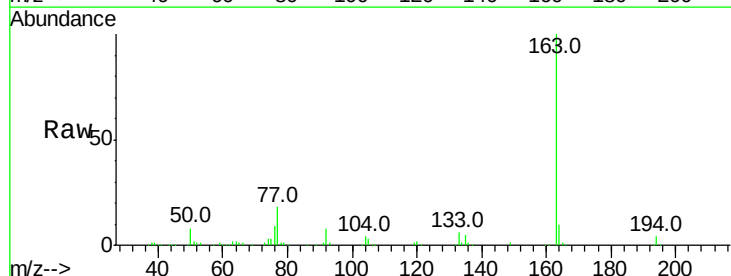


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

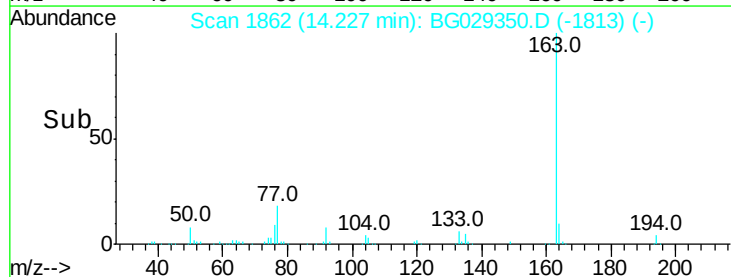
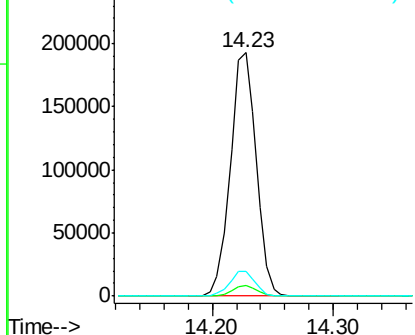


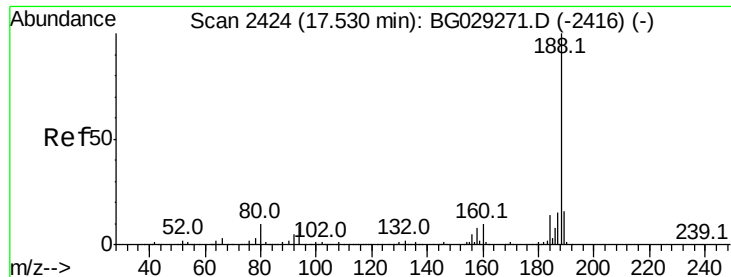
#49
 Dimethylphthalate
 Concen: 21.082 ng
 RT: 14.23 min Scan# 1862
 Delta R.T. -0.01 min
 Lab File: BG029350.D
 Acq: 19 Oct 2017 3:09

Tgt Ion:163 Resp: 287130
 Ion Ratio Lower Upper
 163 100
 194 4.4 3.4 5.2
 164 10.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

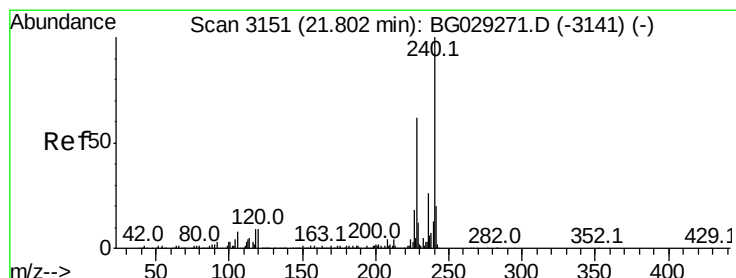
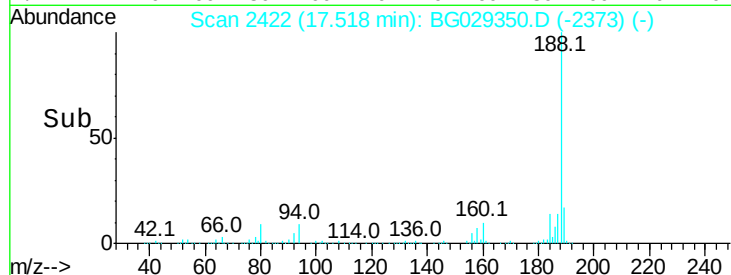
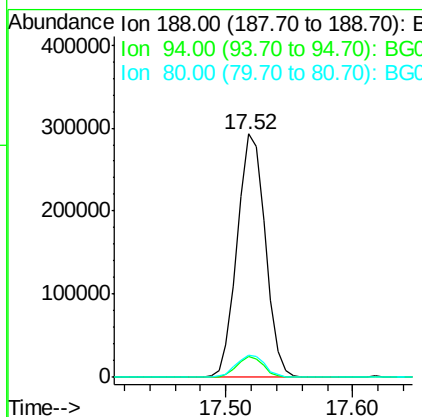
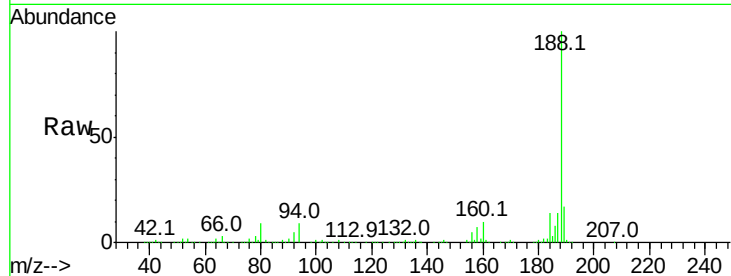




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029350.D
Acq: 19 Oct 2017 3:09

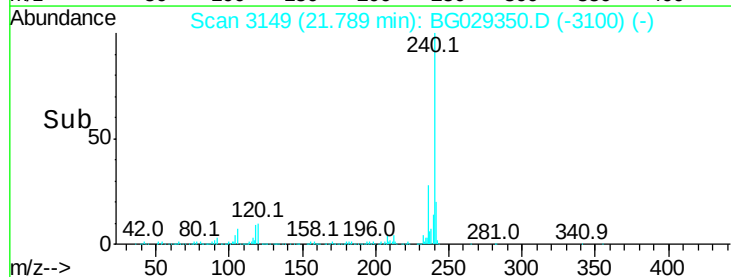
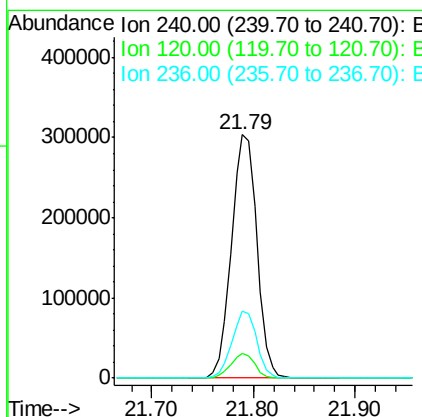
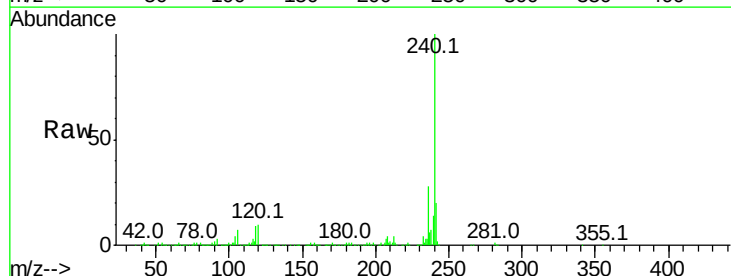
Instrument :
BNA_G
ClientSampleId :

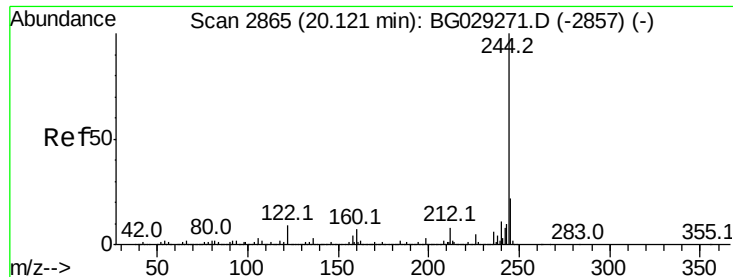
Tot Ion:188 Resp: 450368
Ion Ratio Lower Upper
188 100
94 8.8 6.9 10.3
80 9.3 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG029350.D
Acq: 19 Oct 2017 3:09

Tgt Ion:240 Resp: 528877
Ion Ratio Lower Upper
240 100
120 10.0 6.8 10.2
236 27.7 20.9 31.3





#78

Terphenyl-d14

Concen: 61.419 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG029350.D

Acq: 19 Oct 2017 3:09

Instrument :

BNA_G

ClientSampleId :

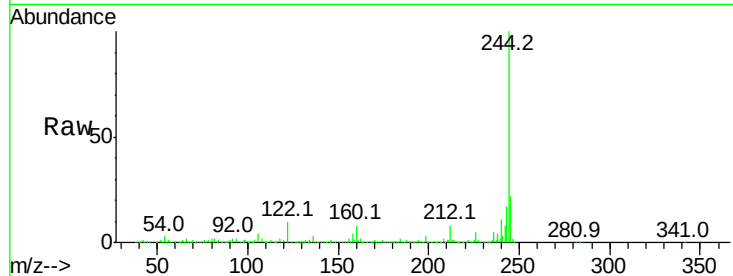
Tot Ion:244 Resp: 1427881

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

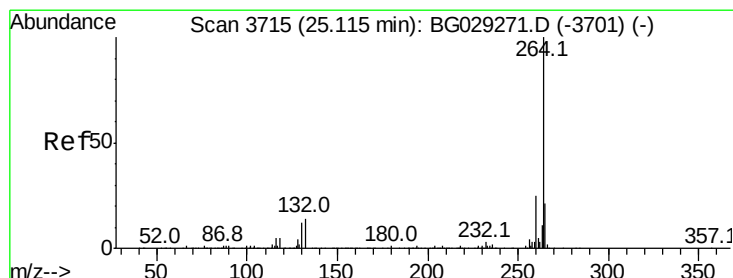
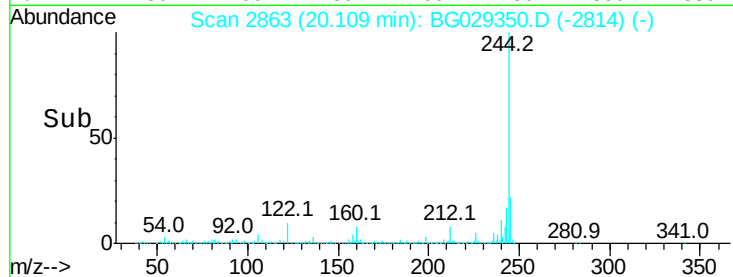
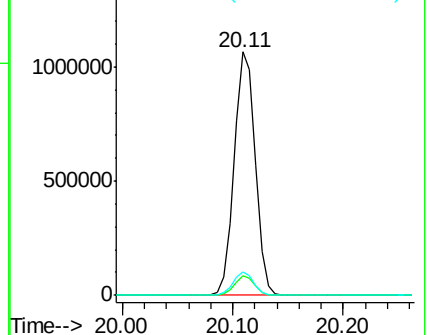
122 9.9 7.0 10.4



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: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG029350.D

Acq: 19 Oct 2017 3:09

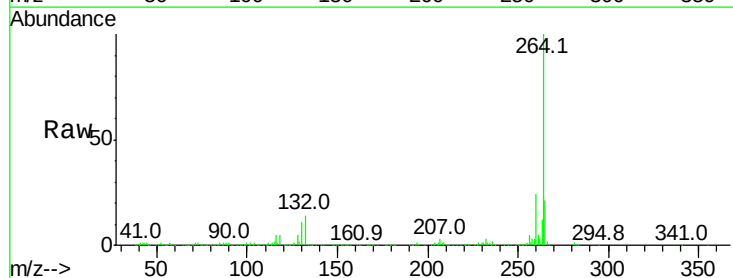
Tgt Ion:264 Resp: 535608

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 21.5 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

