

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060617\
 Data File : BG027264.D
 Acq On : 7 Jun 2017 00:44
 Operator : SJ/MA
 Sample : I3466-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-RO-230-060217

Quant Time: Jun 07 05:19:02 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

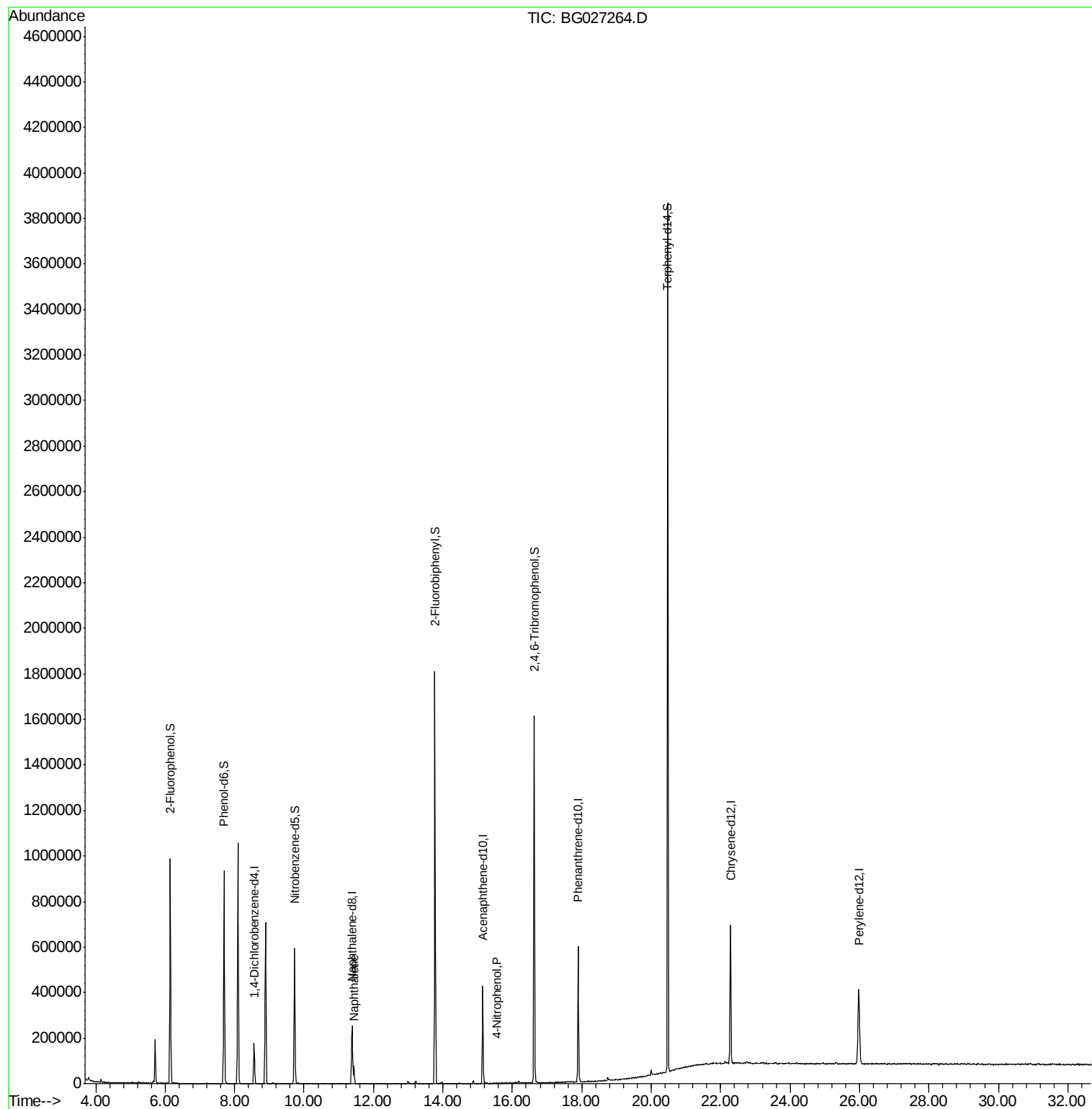
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	52563	20.00	ng	-0.01
21) Naphthalene-d8	11.39	136	235570	20.00	ng	-0.01
38) Acenaphthene-d10	15.15	164	152643	20.00	ng	-0.01
63) Phenanthrene-d10	17.90	188	383023	20.00	ng	-0.02
75) Chrysene-d12	22.28	240	433236	20.00	ng	-0.03
86) Perylene-d12	25.98	264	404801	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	480791	139.58	ng	0.00
7) Phenol-d6	7.70	99	613531	121.34	ng	0.00
23) Nitrobenzene-d5	9.73	82	395904	105.69	ng	-0.01
41) 2,4,6-Tribromophenol	16.63	330	336378	167.35	ng	-0.01
44) 2-Fluorobiphenyl	13.77	172	984348	90.22	ng	-0.02
78) Terphenyl-d14	20.47	244	1686576	99.31	ng	-0.02
Target Compounds						
31) Naphthalene	11.43	128	73266	5.69	ng	Qvalue 98
55) 4-Nitrophenol	15.54	139	811	6.45	ng	# 1

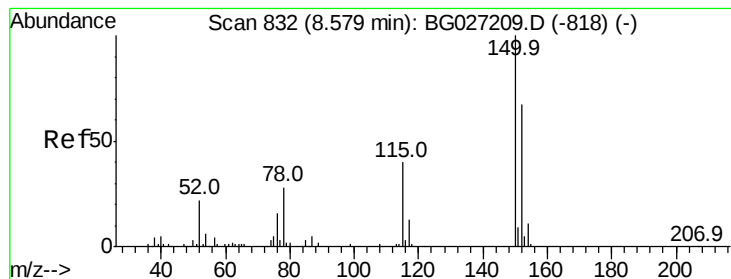
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060617\
Data File : BG027264.D
Acq On : 7 Jun 2017 00:44
Operator : SJ/MA
Sample : I3466-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-RO-230-060217

Quant Time: Jun 07 05:19:02 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration



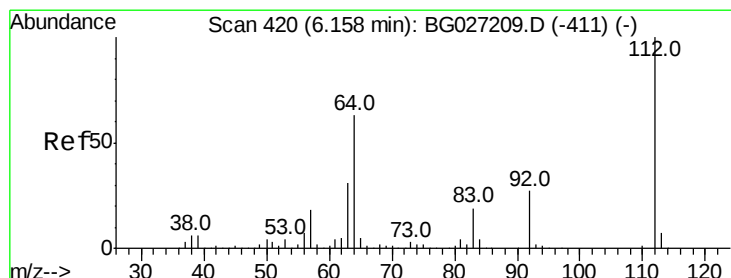
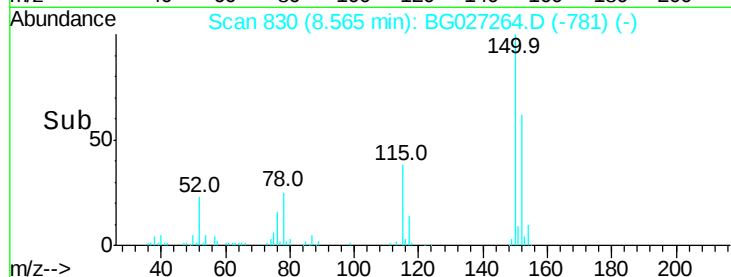
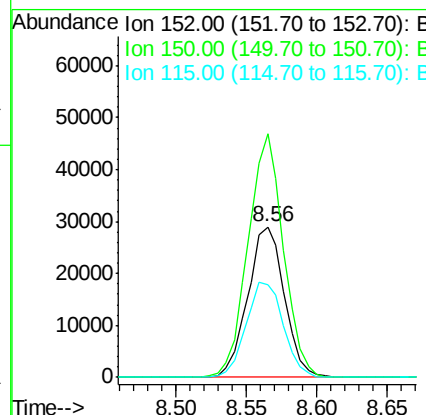
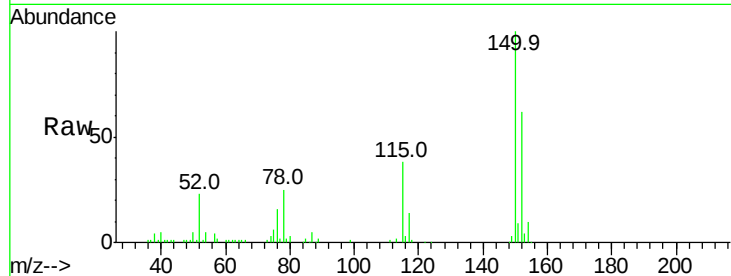


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.56 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG027264.D
Acq: 7 Jun 2017 00:44

Instrument :
BNA_G
ClientSampleId :
SU-RO-230-060217

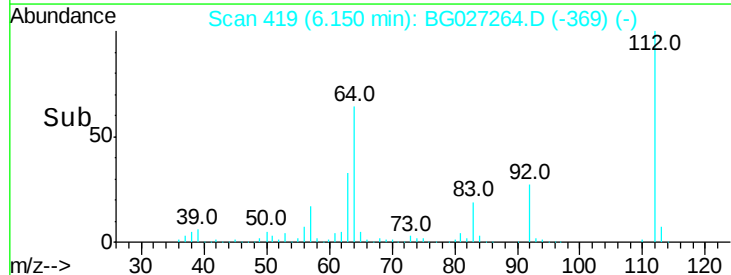
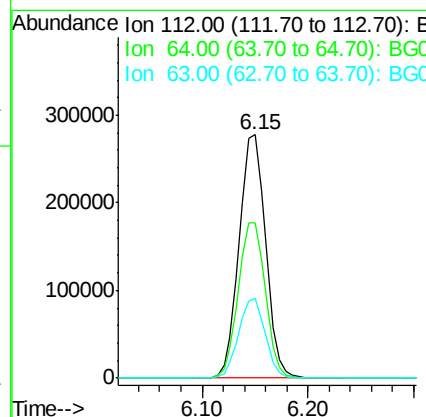
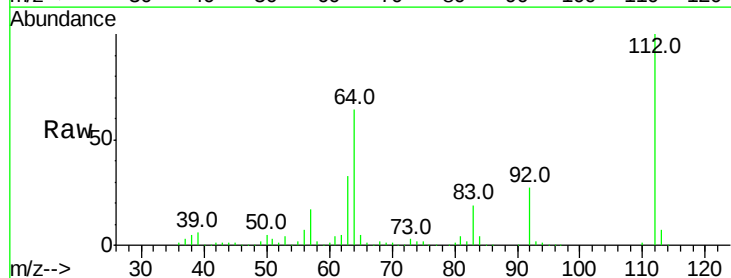
Tot Ion:152 Resp: 52563
Ion Ratio Lower Upper
152 100
150 162.0 114.0 171.0
115 62.0 48.1 72.1

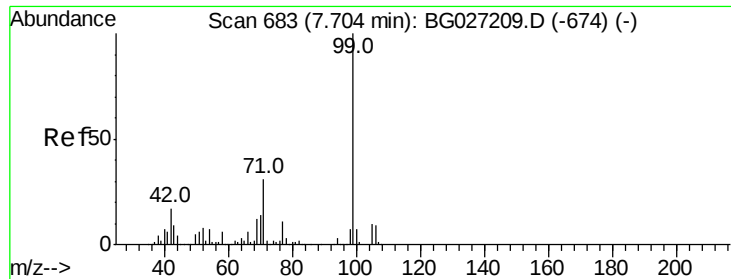


#5

2-Fluorophenol
Concen: 139.58 ng
RT: 6.15 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG027264.D
Acq: 7 Jun 2017 00:44

Tgt Ion:112 Resp: 480791
Ion Ratio Lower Upper
112 100
64 63.6 61.8 92.6
63 33.0 37.2 55.8#





#7

Phenol-d6

Concen: 121.34 ng

RT: 7.70 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG027264.D

Acq: 7 Jun 2017 00:44

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217

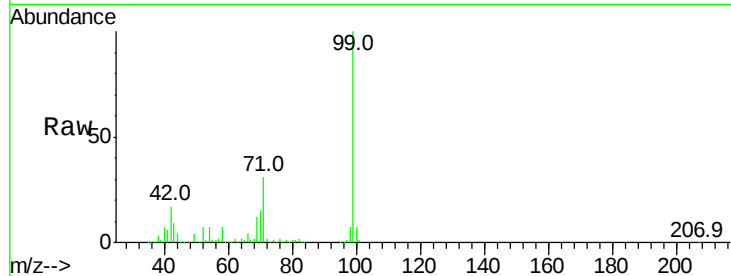
Tot Ion: 99 Resp: 613531

Ion Ratio Lower Upper

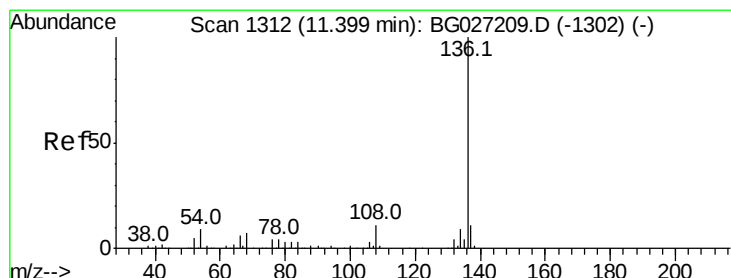
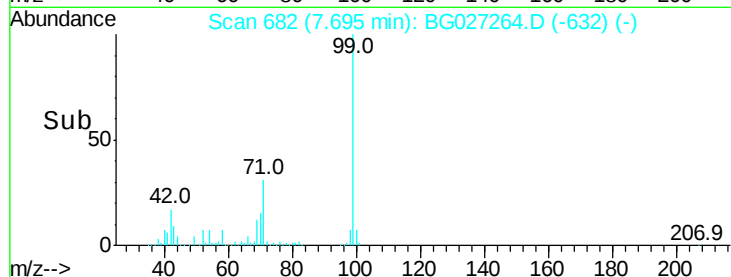
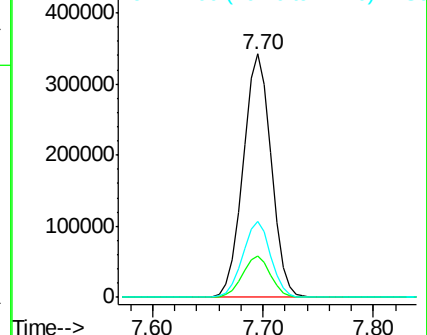
99 100

42 16.9 20.5 30.7#

71 31.0 37.6 56.4#



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: 20.00 ng

RT: 11.39 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG027264.D

Acq: 7 Jun 2017 00:44

Tgt Ion: 136 Resp: 235570

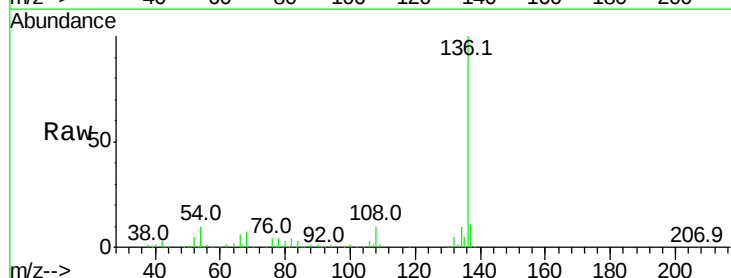
Ion Ratio Lower Upper

136 100

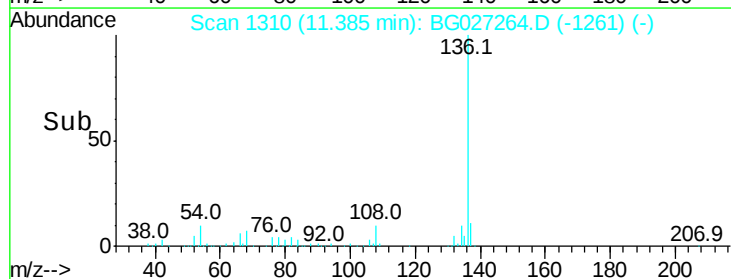
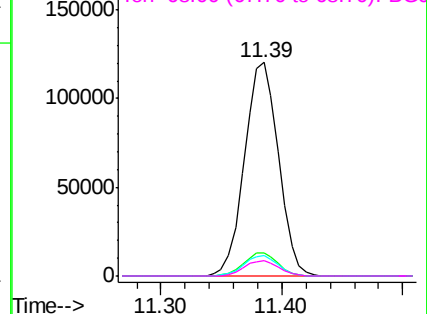
137 10.9 8.9 13.3

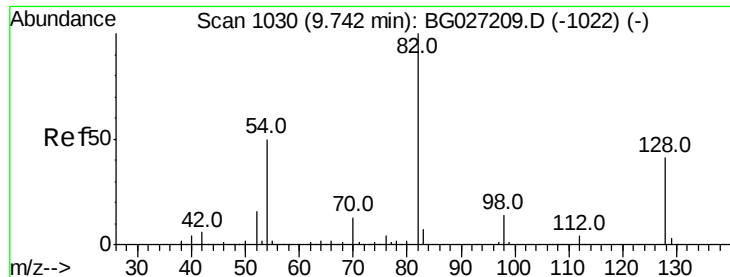
54 9.7 9.3 13.9

68 7.5 5.1 7.7



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: 105.69 ng

RT: 9.73 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BG027264.D

Acq: 7 Jun 2017 00:44

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217

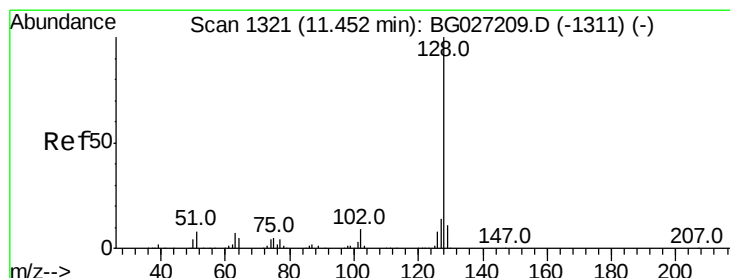
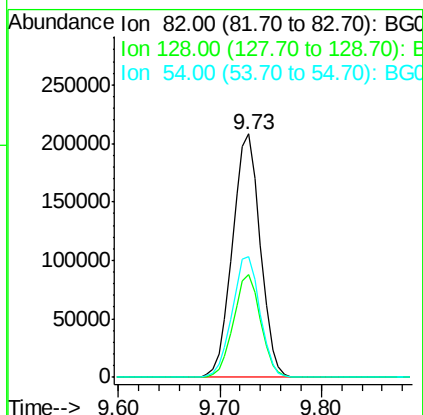
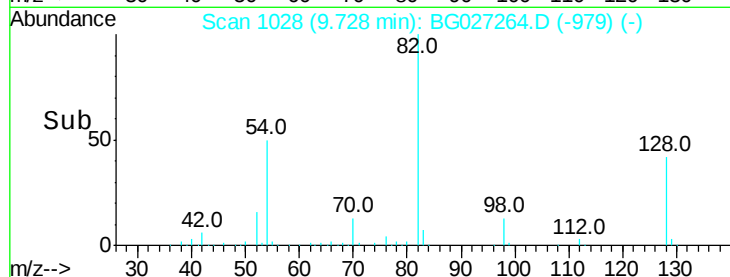
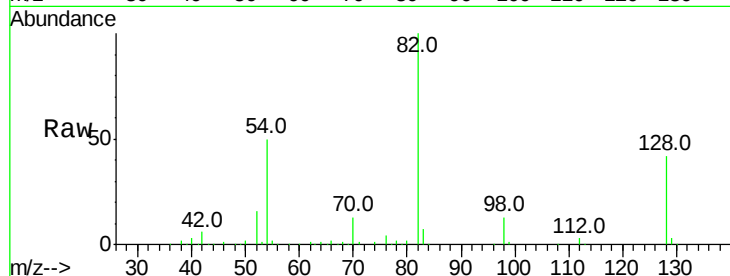
Tot Ion: 82 Resp: 395904

Ion Ratio Lower Upper

82 100

128 42.3 26.4 39.6#

54 49.8 49.4 74.2



#31

Naphthalene

Concen: 5.69 ng

RT: 11.43 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BG027264.D

Acq: 7 Jun 2017 00:44

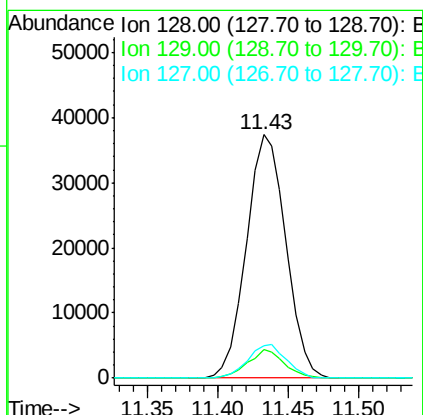
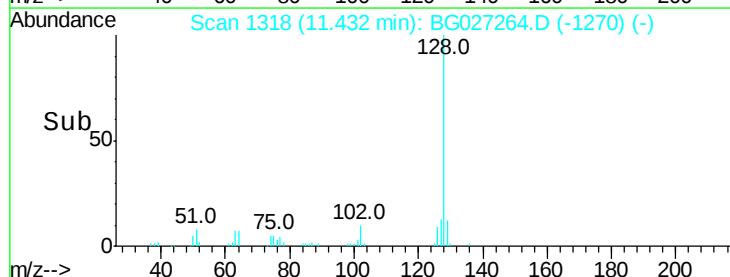
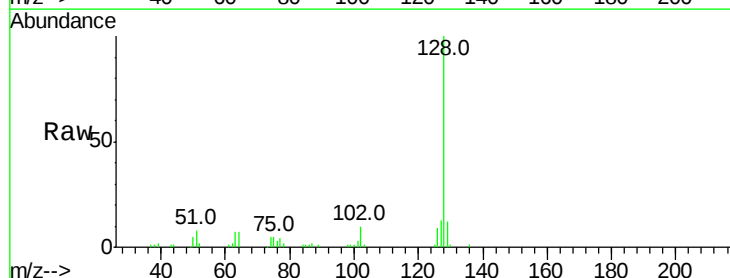
Tgt Ion:128 Resp: 73266

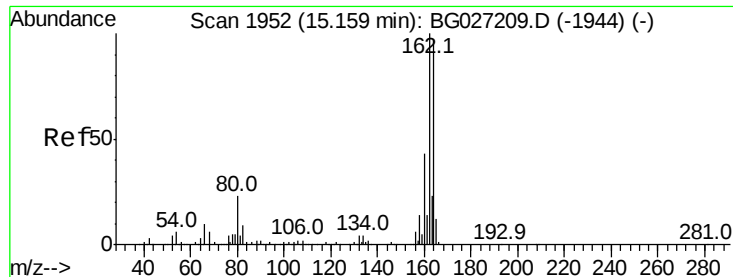
Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

127 13.1 11.4 17.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.15 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG027264.D

Acq: 7 Jun 2017 00:44

Instrument :

BNA_G

ClientSampleId :

SU-RO-230-060217

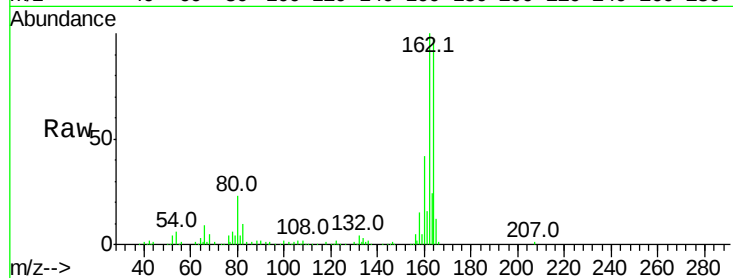
Tot Ion:164 Resp: 152643

Ion Ratio Lower Upper

164 100

162 102.7 85.1 127.7

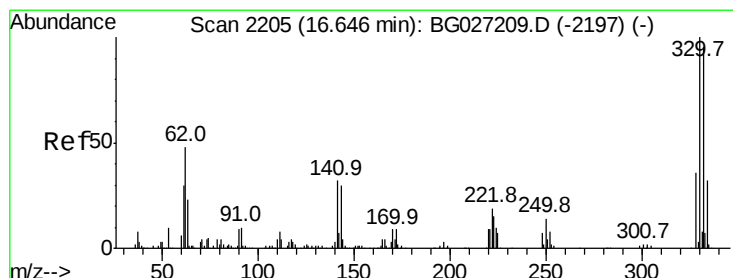
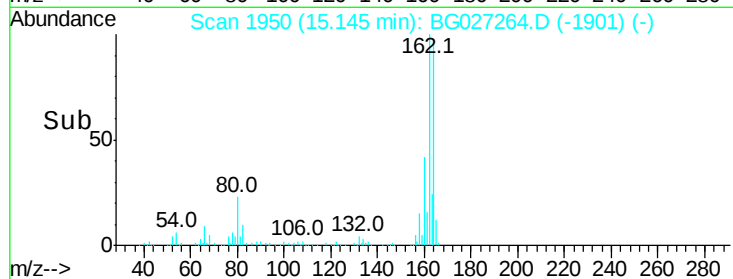
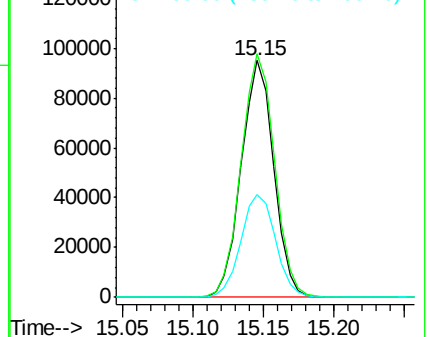
160 43.4 34.7 52.1



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: 167.35 ng

RT: 16.63 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG027264.D

Acq: 7 Jun 2017 00:44

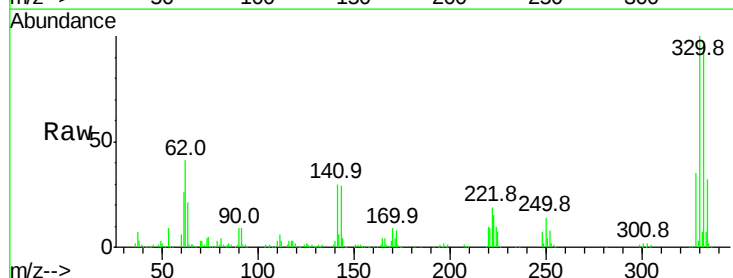
Tgt Ion:330 Resp: 336378

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

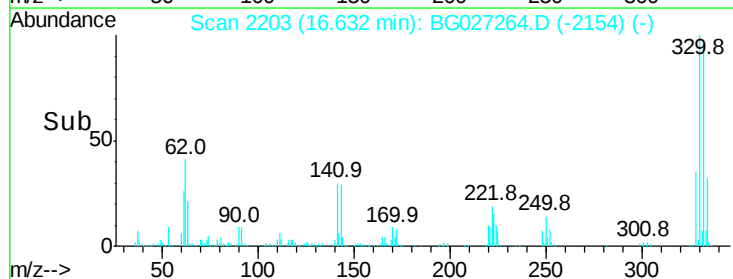
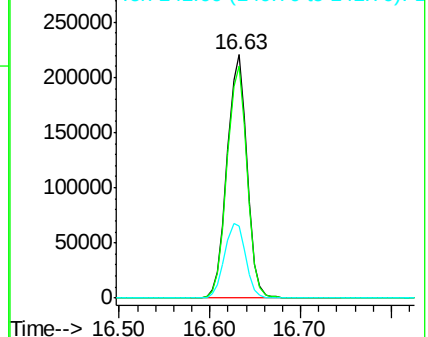
141 32.7 32.1 48.1



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

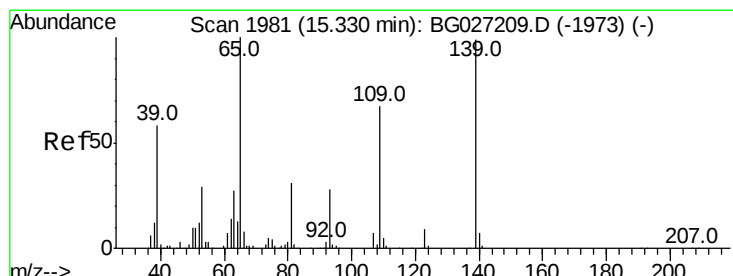
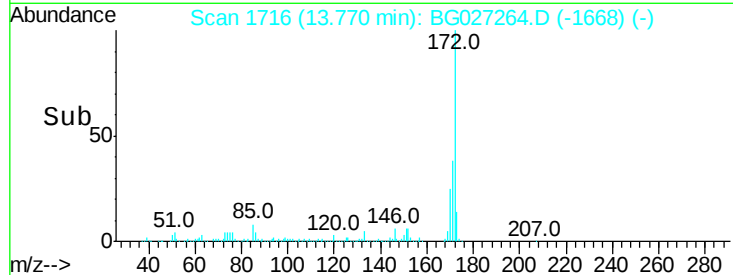
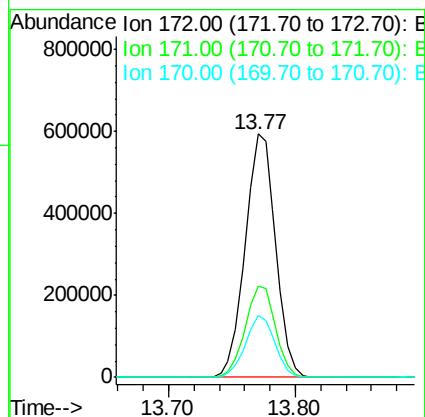
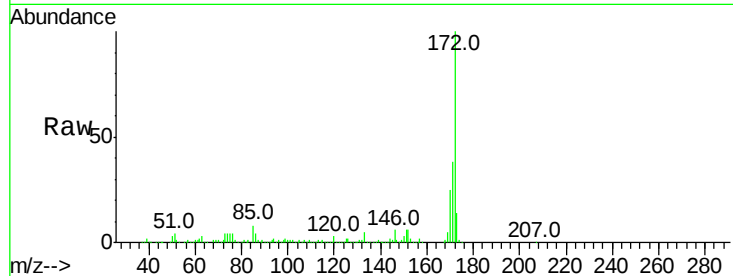




#44
 2-Fluorobiphenyl
 Concen: 90.22 ng
 RT: 13.77 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BG027264.D
 Acq: 7 Jun 2017 00:44

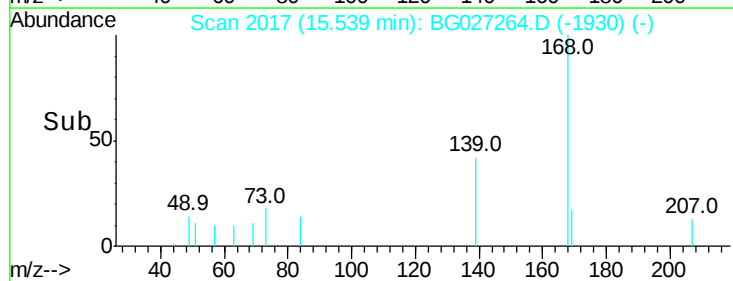
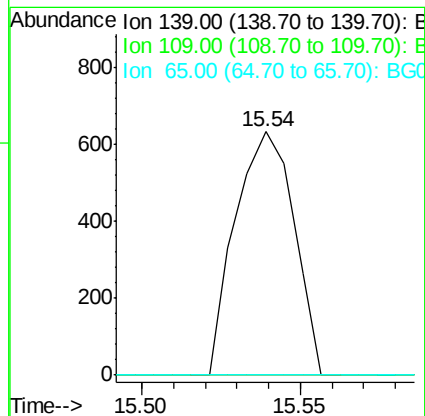
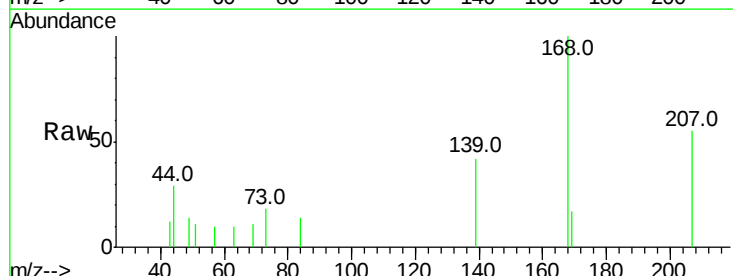
Instrument :
 BNA_G
 ClientSampleId :
 SU-RO-230-060217

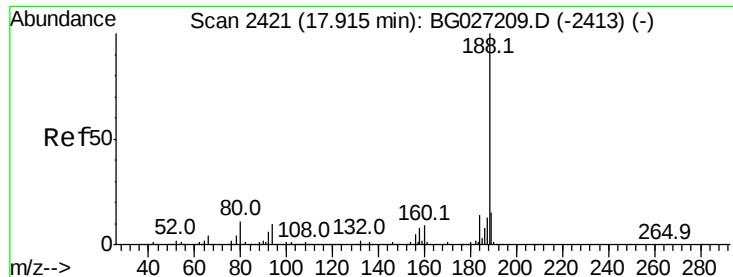
Tot Ion:172 Resp: 984348
 Ion Ratio Lower Upper
 172 100
 171 37.7 32.2 48.2
 170 25.2 21.8 32.6



#55
 4-Nitrophenol
 Concen: 6.45 ng
 RT: 15.54 min Scan# 2017
 Delta R.T. 0.21 min
 Lab File: BG027264.D
 Acq: 7 Jun 2017 00:44

Tgt Ion:139 Resp: 811
 Ion Ratio Lower Upper
 139 100
 109 0.0 101.2 141.2#
 65 0.0 135.3 175.3#

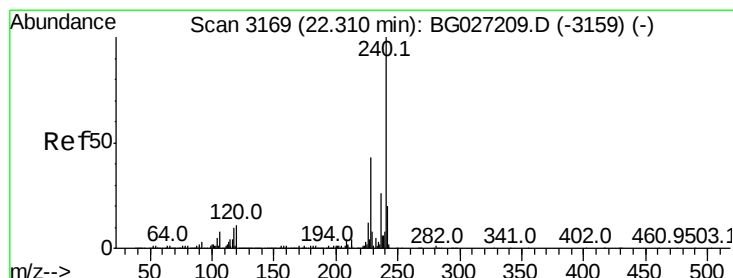
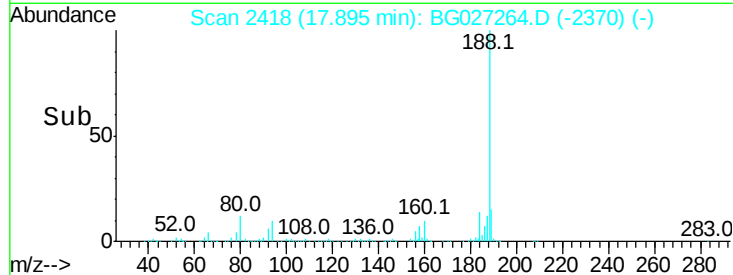
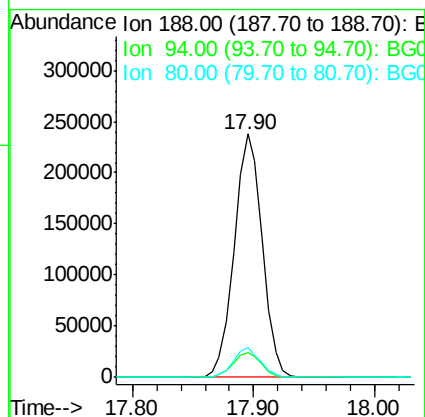
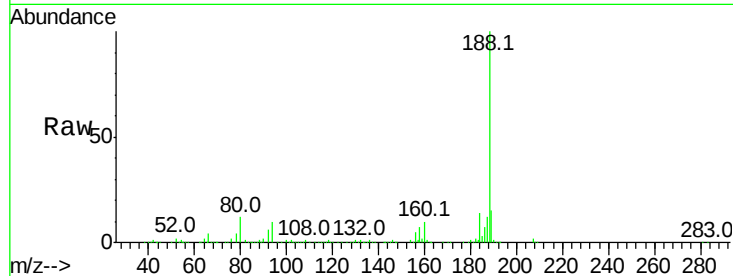




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.90 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG027264.D
Acq: 7 Jun 2017 00:44

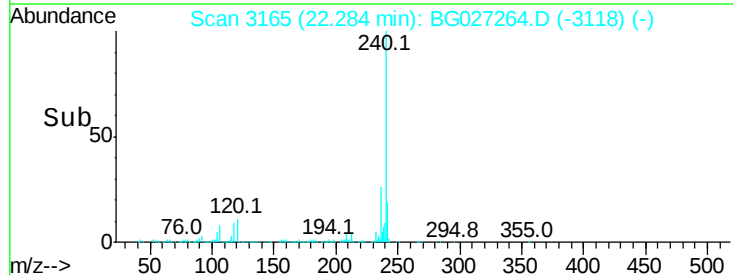
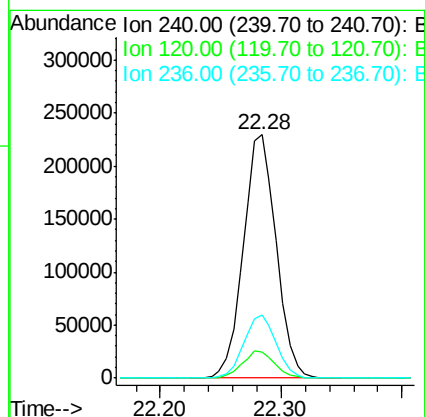
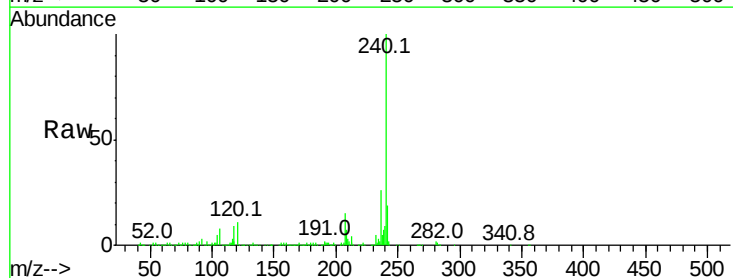
Instrument :
BNA_G
ClientSampleId :
SU-RO-230-060217

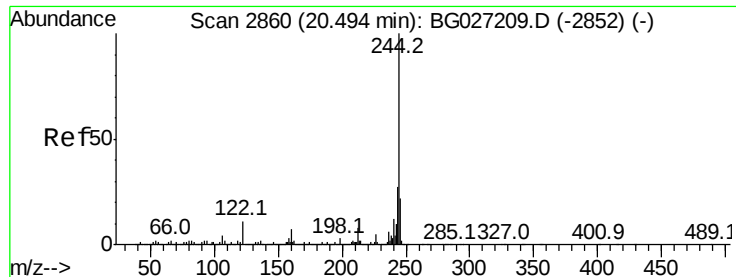
Tot Ion:188 Resp: 383023
Ion Ratio Lower Upper
188 100
94 10.4 5.8 8.8#
80 12.0 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.28 min Scan# 3165
Delta R.T. -0.03 min
Lab File: BG027264.D
Acq: 7 Jun 2017 00:44

Tgt Ion:240 Resp: 433236
Ion Ratio Lower Upper
240 100
120 10.5 5.7 8.5#
236 26.0 22.2 33.4





#78

Terphenyl-d14

Concen: 99.31 ng

RT: 20.47 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG027264.D

Acq: 7 Jun 2017 00:44

Instrument :

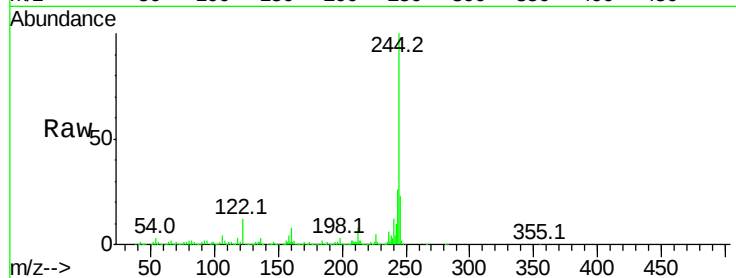
BNA_G

ClientSampleId :

SU-RO-230-060217

Tot Ion:244 Resp: 1686576

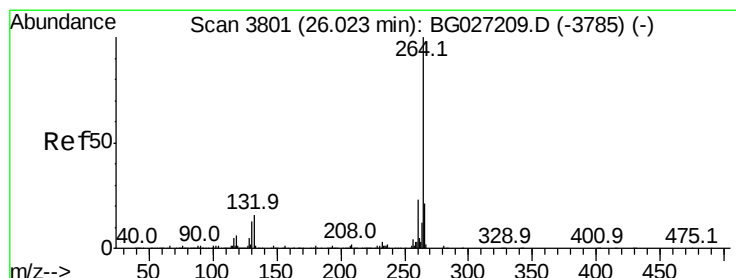
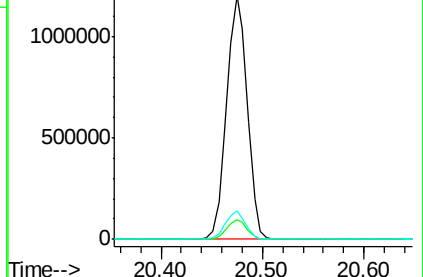
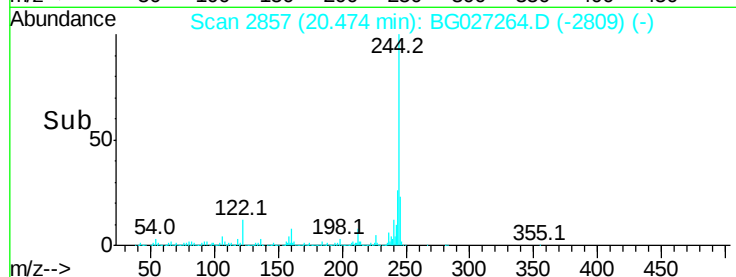
Ion	Ratio	Lower	Upper
244	100		
212	8.2	10.0	15.0#
122	11.7	8.6	12.8



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: 25.98 min Scan# 3794

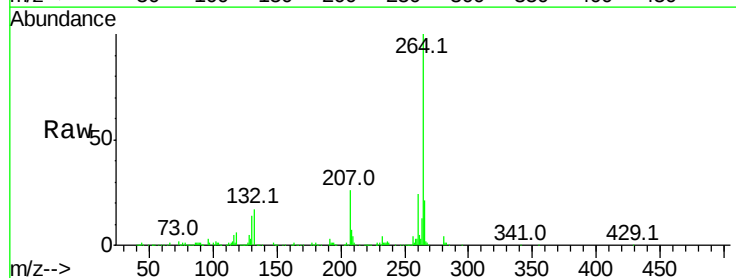
Delta R.T. -0.04 min

Lab File: BG027264.D

Acq: 7 Jun 2017 00:44

Tgt Ion:264 Resp: 404801

Ion	Ratio	Lower	Upper
264	100		
260	23.9	21.8	32.8
265	21.0	18.2	27.4



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

