

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039052.D
 Acq On : 10 Jan 2019 12:48
 Operator : JU/SJ
 Sample : K1073-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RICH-REC-ROAD-STONE-9RE

Quant Time: Jan 10 13:50:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

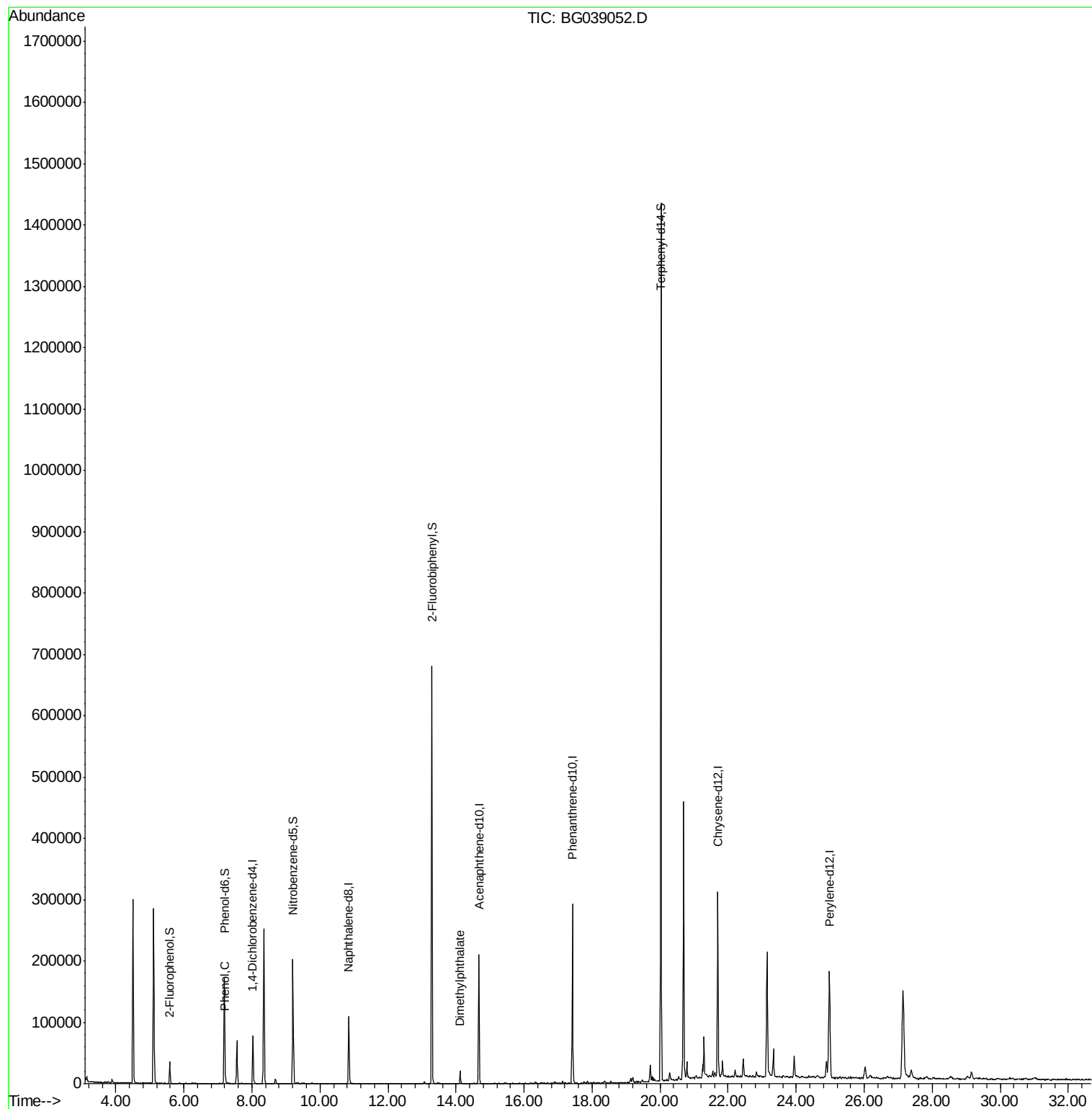
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	24227	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	101021	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	74994	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	193614	20.00	ng	0.00
76) Chrysene-d12	21.70	240	196173	20.00	ng	0.00
87) Perylene-d12	24.97	264	211318	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	17625	13.80	ng	0.00
7) Phenol-d6	7.18	99	108511	59.04	ng	0.00
23) Nitrobenzene-d5	9.21	82	124694	67.54	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	63	0.05	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	383266	69.94	ng	0.00
79) Terphenyl-d14	20.02	244	711491	67.09	ng	0.00
Target Compounds						
10) Phenol	7.21	94	4471	2.426	ng	93
50) Dimethylphthalate	14.12	163	16167	2.551	ng	98

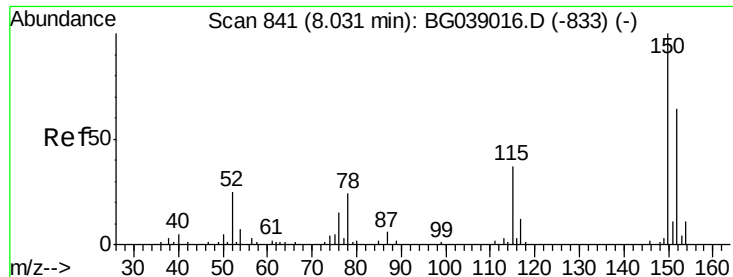
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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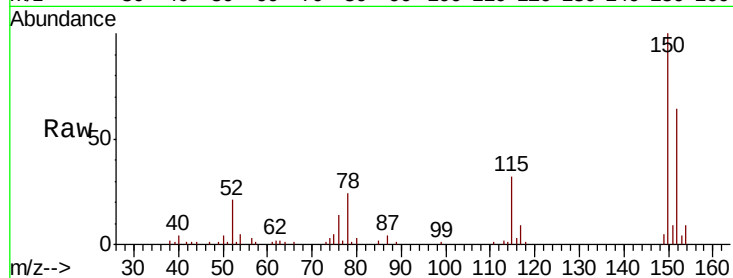


#1

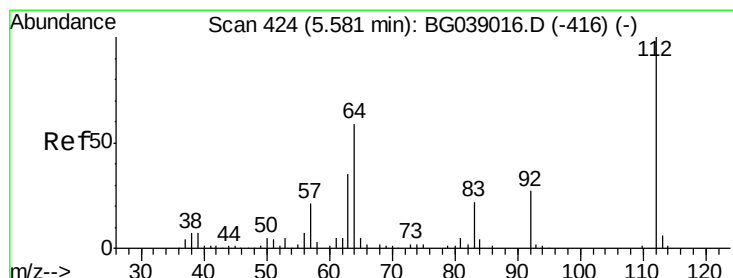
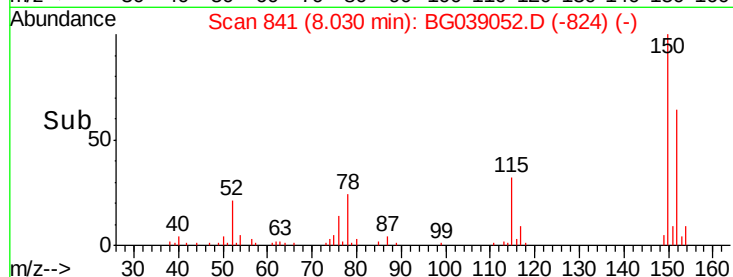
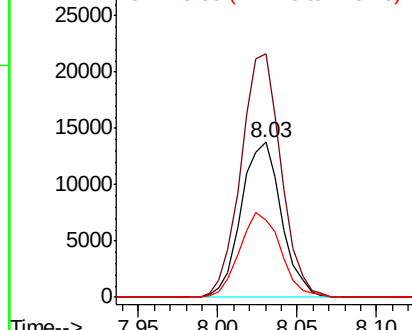
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039052.D
Acq: 10 Jan 2019 12:48

Instrument :
BNA_G
ClientSampleId :
RICH-REC-ROAD-STONE-9RE

Tot Ion:152 Resp: 24227
Ion Ratio Lower Upper
152 100
150 157.0 124.7 187.1
115 50.1 46.5 69.7



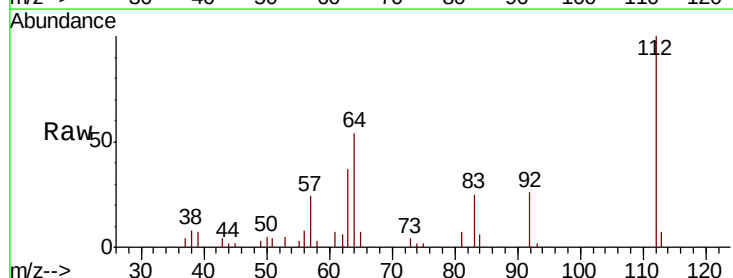
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



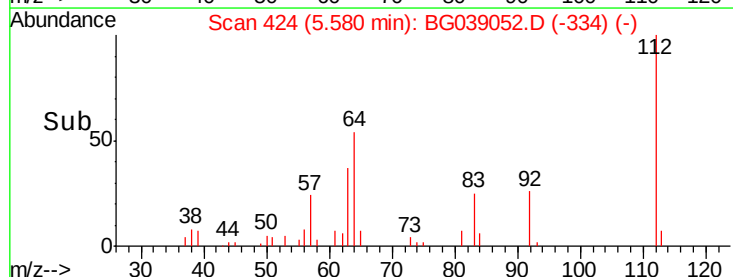
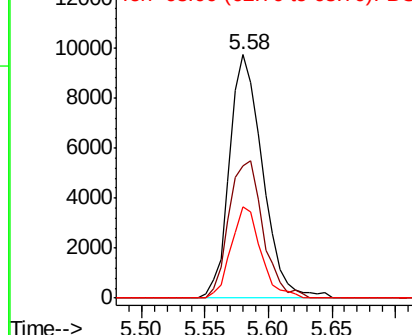
#5

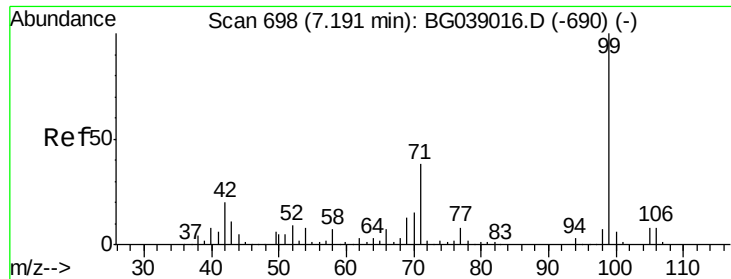
2-Fluorophenol
Concen: 13.800 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039052.D
Acq: 10 Jan 2019 12:48

Tgt Ion:112 Resp: 17625
Ion Ratio Lower Upper
112 100
64 54.5 47.0 70.6
63 37.4 28.0 42.0



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: 59.039 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039052.D

Acq: 10 Jan 2019 12:48

Instrument :

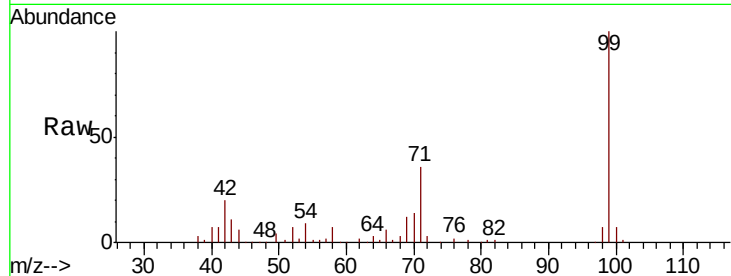
BNA_G

ClientSampleId :

RICH-REC-ROAD-STONE-9RE

Tot Ion: 99 Resp: 108511

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.8	23.6
71	36.4	30.2	45.4

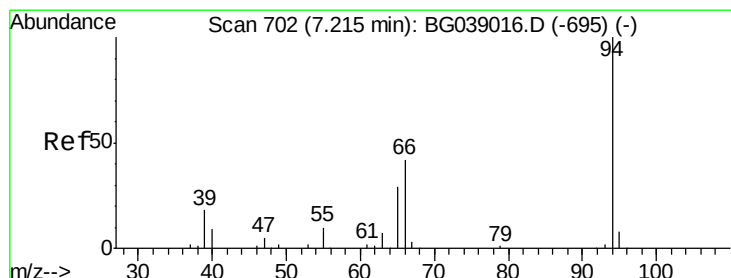
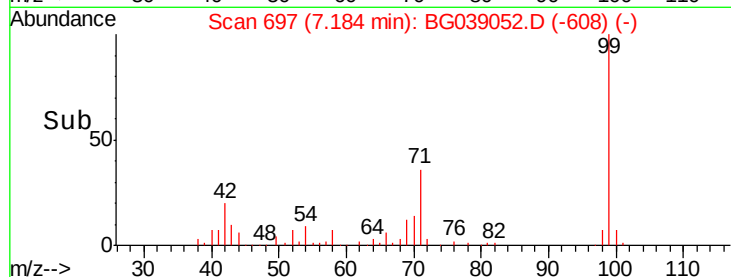
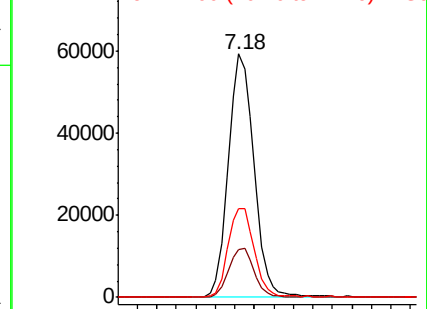


Abundance

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



#10

Phenol

Concen: 2.426 ng

RT: 7.21 min Scan# 702

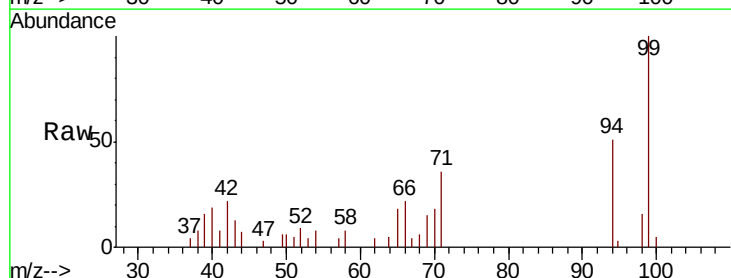
Delta R.T. -0.00 min

Lab File: BG039052.D

Acq: 10 Jan 2019 12:48

Tgt Ion: 94 Resp: 4471

Ion	Ratio	Lower	Upper
94	100		
65	36.0	10.3	50.3
66	42.5	25.1	65.1

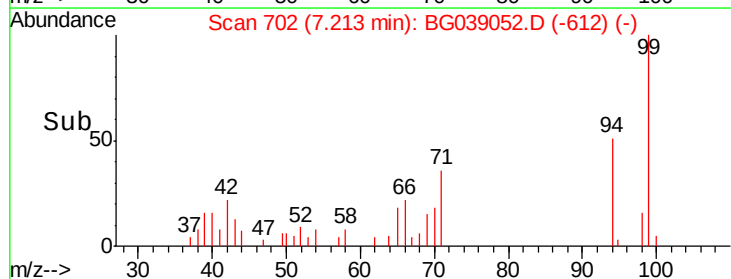
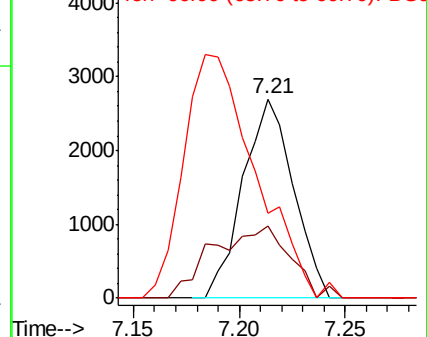


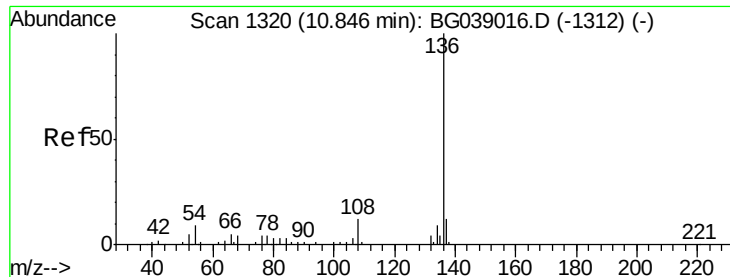
Abundance

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

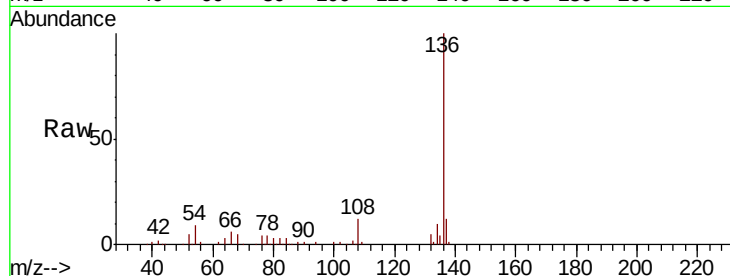




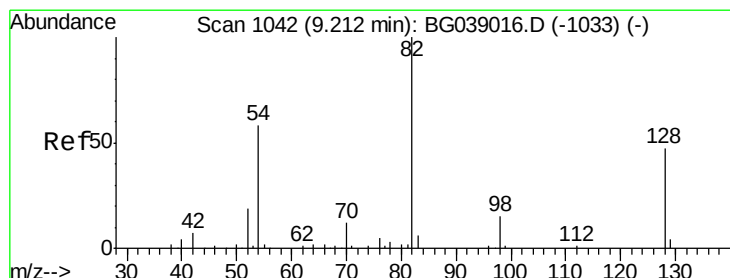
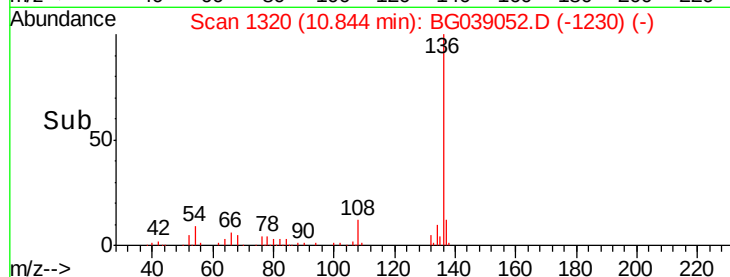
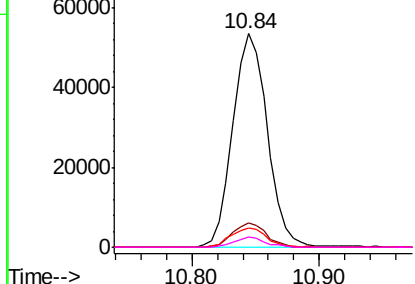
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039052.D
Acq: 10 Jan 2019 12:48

Instrument :
BNA_G
ClientSampleId :
RICH-REC-ROAD-STONE-9RE

Tot Ion:136	Resp:	101021
Ion	Ratio	Lower Upper
136	100	
137	11.6	9.4 14.2
54	8.7	7.2 10.8
68	4.6	3.5 5.3

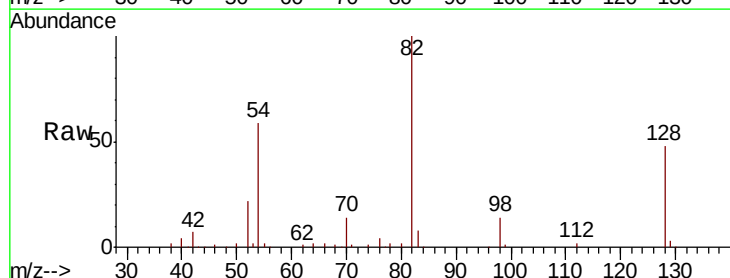


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

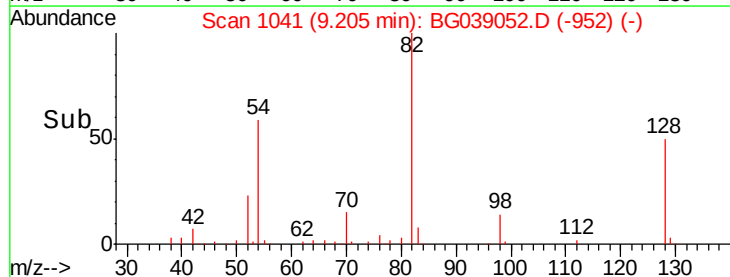
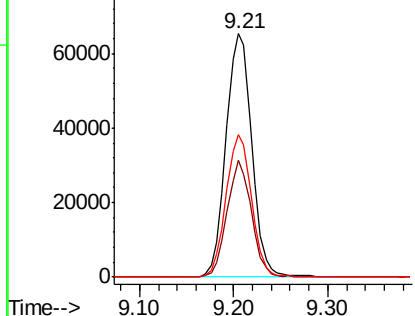


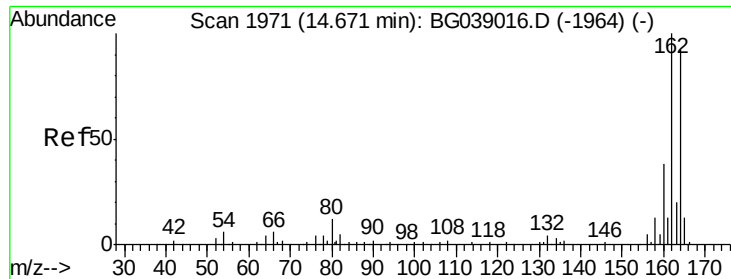
#23
Nitrobenzene-d5
Concen: 67.542 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039052.D
Acq: 10 Jan 2019 12:48

Tgt Ion: 82	Resp:	124694
Ion	Ratio	Lower Upper
82	100	
128	48.0	37.3 55.9
54	58.6	46.4 69.6



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG039052.D

Acq: 10 Jan 2019 12:48

Instrument :

BNA_G

ClientSampleId :

RICH-REC-ROAD-STONE-9RE

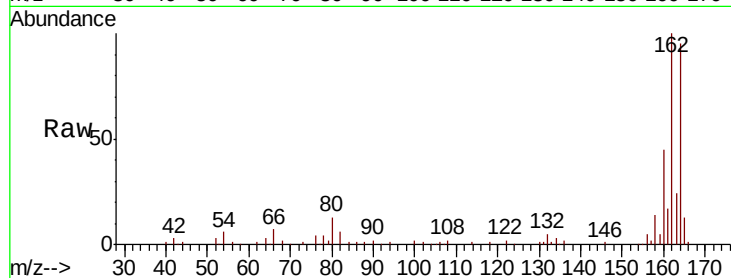
Tot Ion:164 Resp: 74994

Ion Ratio Lower Upper

164 100

162 105.1 87.2 130.8

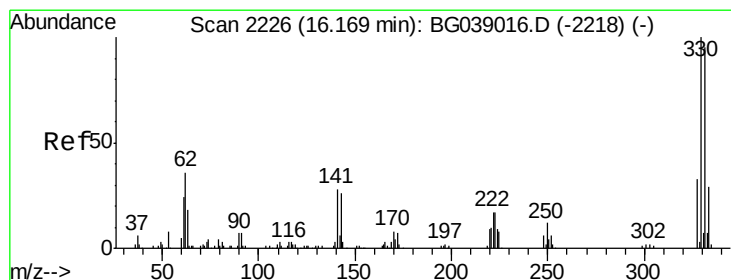
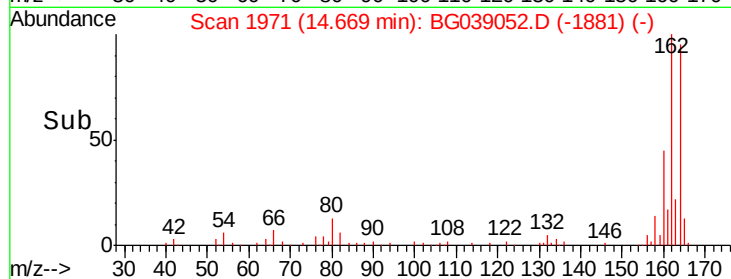
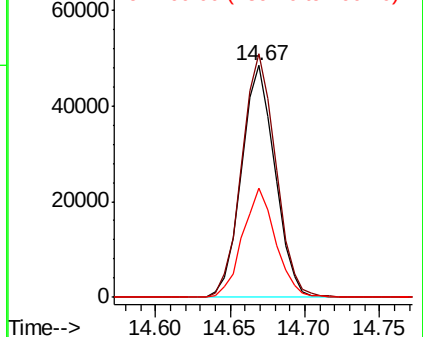
160 47.3 33.3 49.9



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



#42

2,4,6-Tribromophenol

Concen: 0.050 ng

RT: 16.17 min Scan# 2227

Delta R.T. 0.00 min

Lab File: BG039052.D

Acq: 10 Jan 2019 12:48

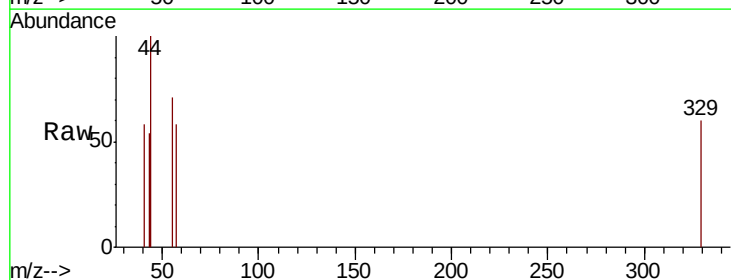
Tgt Ion:330 Resp: 63

Ion Ratio Lower Upper

330 100

332 147.6 75.7 113.5#

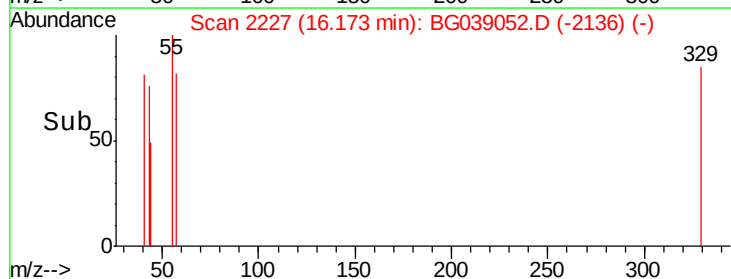
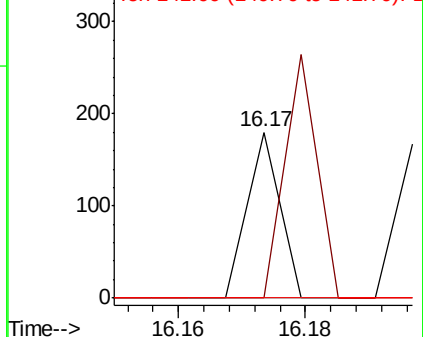
141 0.0 24.9 37.3#

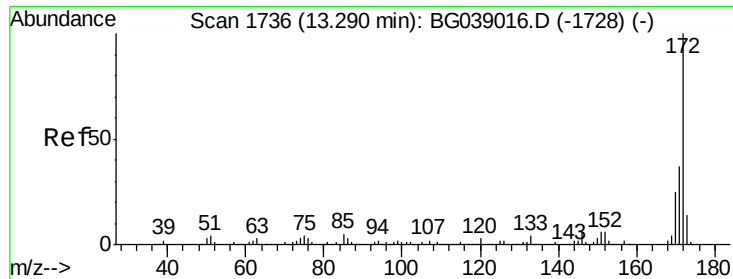


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

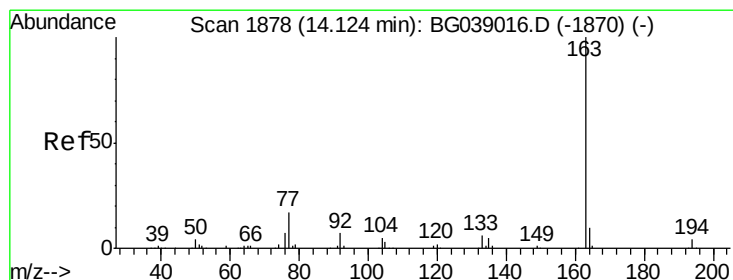
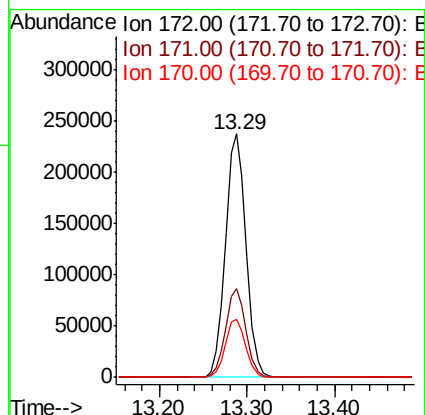
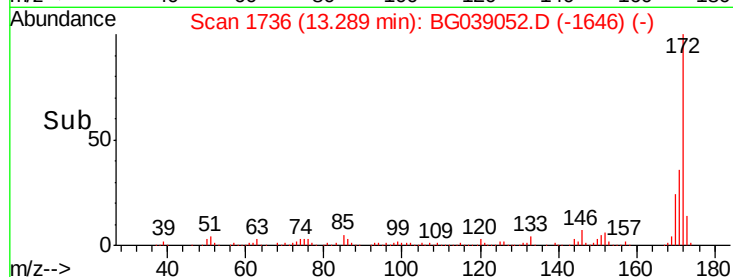
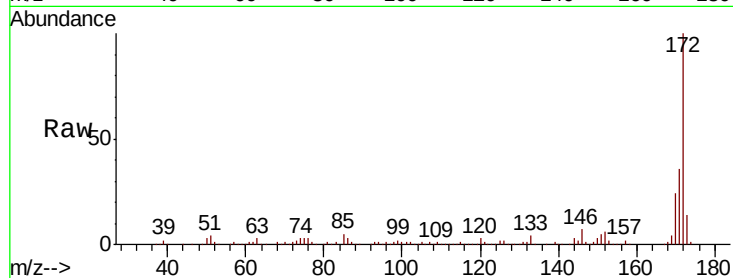




#45
2-Fluorobiphenyl
Concen: 69.942 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BG039052.D
Acq: 10 Jan 2019 12:48

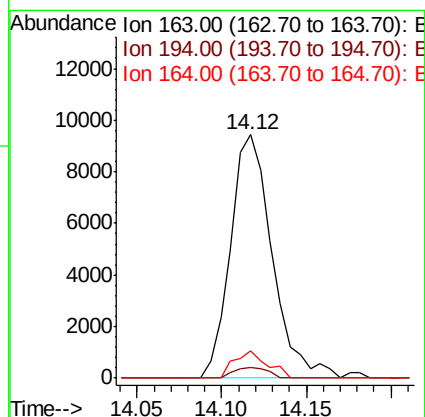
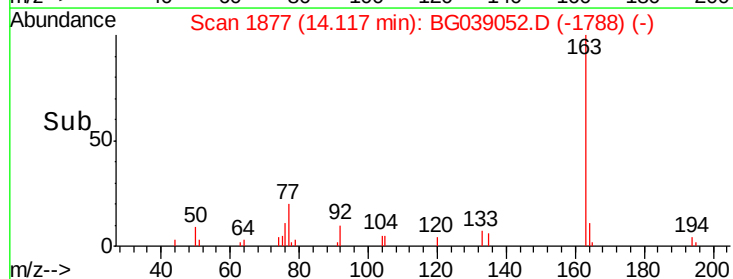
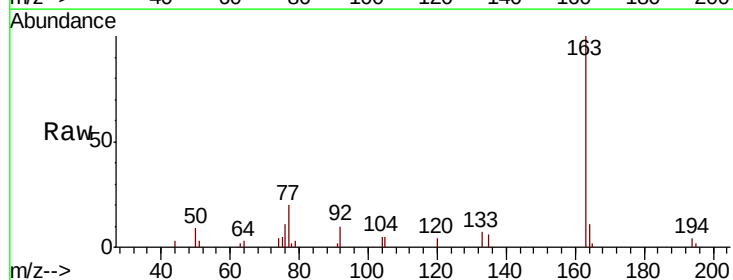
Instrument :
BNA_G
ClientSampleId :
RICH-REC-ROAD-STONE-9RE

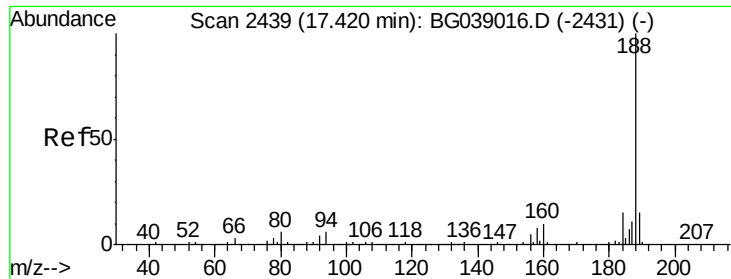
Tot Ion:172 Resp: 383266
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.0
170 24.1 20.1 30.1



#50
Dimethylphthalate
Concen: 2.551 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BG039052.D
Acq: 10 Jan 2019 12:48

Tgt Ion:163 Resp: 16167
Ion Ratio Lower Upper
163 100
194 4.3 3.6 5.4
164 11.0 8.2 12.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG039052.D

Acq: 10 Jan 2019 12:48

Instrument :

BNA_G

ClientSampleId :

RICH-REC-ROAD-STONE-9RE

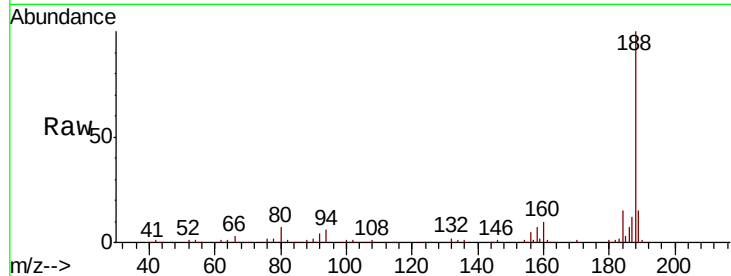
Tot Ion:188 Resp: 193614

Ion Ratio Lower Upper

188 100

94 6.0 5.0 7.4

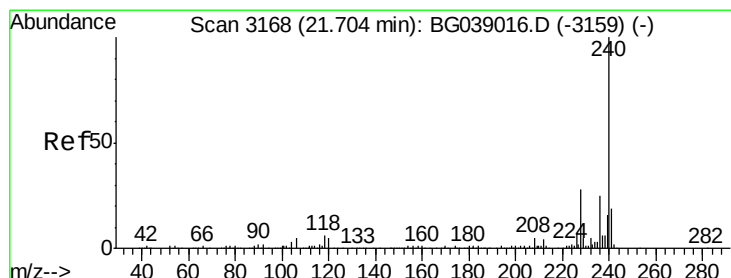
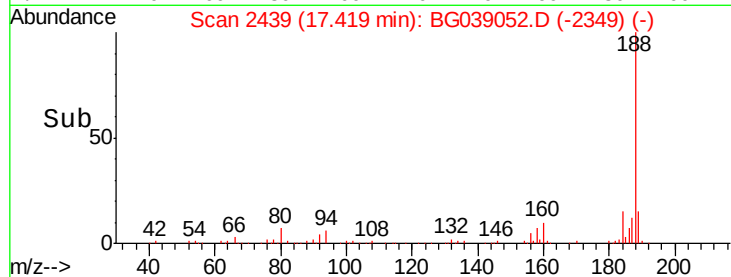
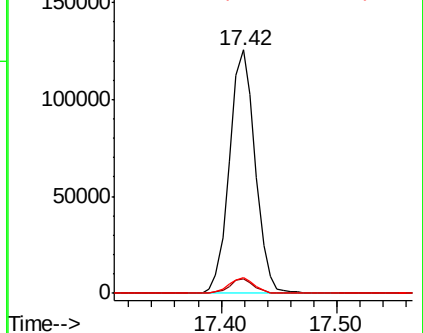
80 6.6 4.7 7.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG039052.D

Acq: 10 Jan 2019 12:48

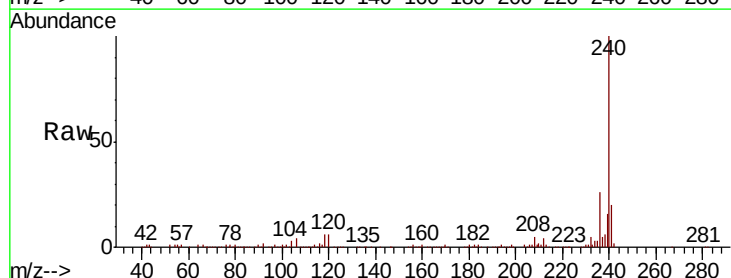
Tgt Ion:240 Resp: 196173

Ion Ratio Lower Upper

240 100

120 6.0 4.3 6.5

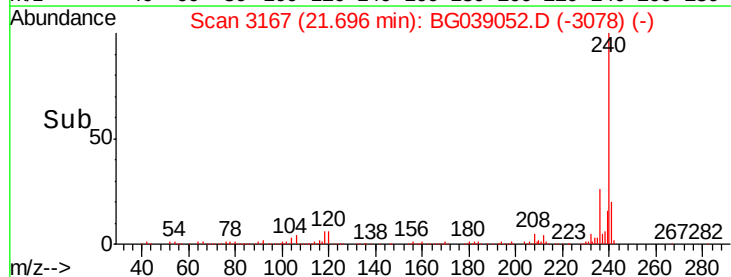
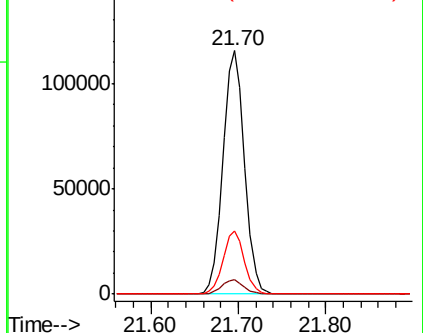
236 25.7 20.1 30.1

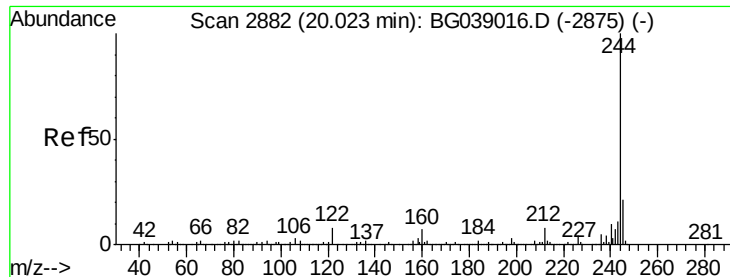


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 67.093 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039052.D

Acq: 10 Jan 2019 12:48

Instrument :

BNA_G

ClientSampleId :

RICH-REC-ROAD-STONE-9RE

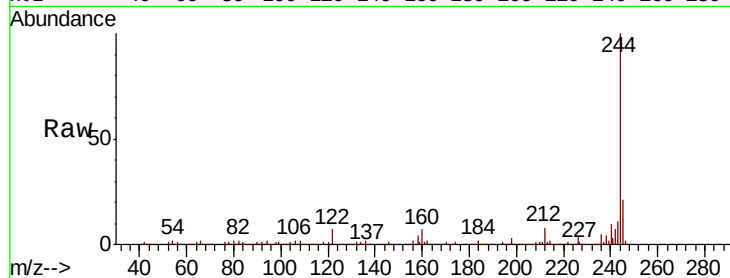
Tot Ion:244 Resp: 711491

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

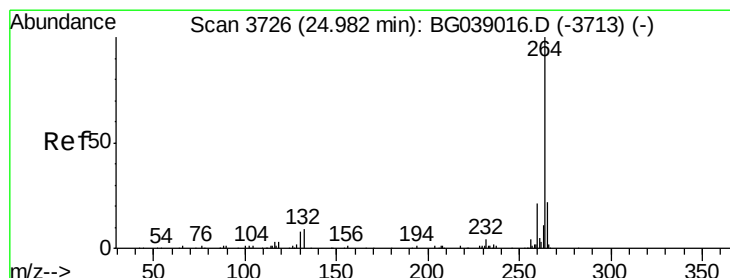
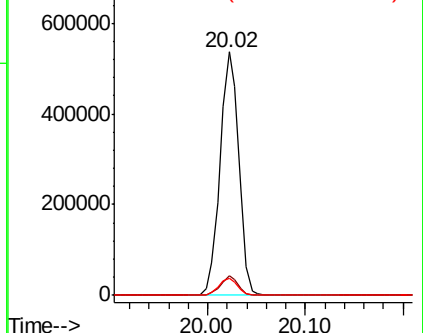
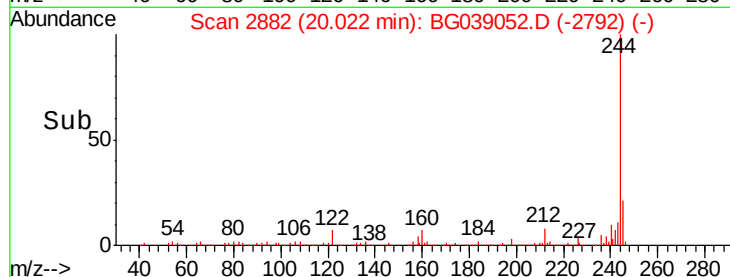
122 7.1 6.1 9.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3725

Delta R.T. -0.01 min

Lab File: BG039052.D

Acq: 10 Jan 2019 12:48

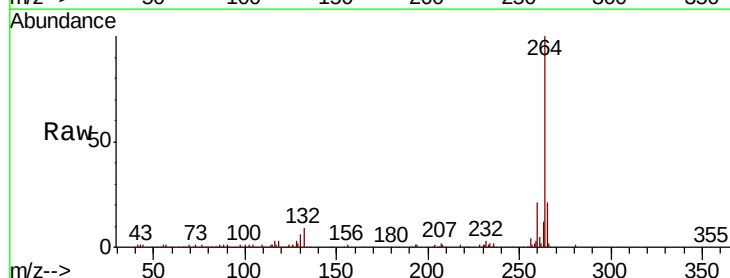
Tgt Ion:264 Resp: 211318

Ion Ratio Lower Upper

264 100

260 21.5 17.0 25.6

265 20.9 17.2 25.8



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

