

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
 Data File : BG036984.D
 Acq On : 26 Sep 2018 16:35
 Operator : JU/SJ
 Sample : J5068-25
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-WALL

Quant Time: Sep 26 19:04:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

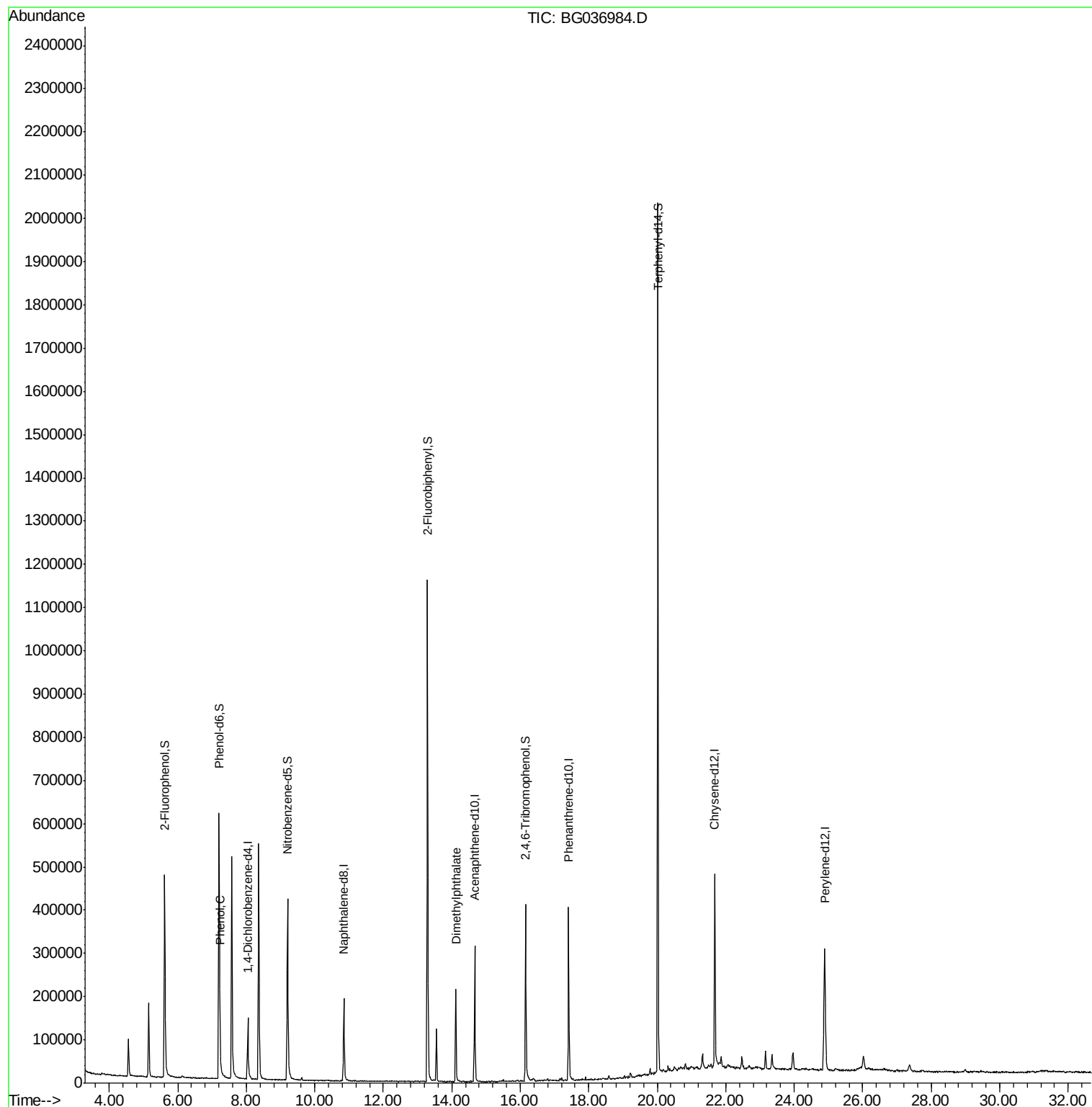
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	46204	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	185648	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	114950	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	272327	20.00	ng	0.00
75) Chrysene-d12	21.68	240	286824	20.00	ng	-0.01
86) Perylene-d12	24.89	264	297016	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	226664	94.08	ng	0.00
7) Phenol-d6	7.21	99	392770	105.37	ng	0.00
23) Nitrobenzene-d5	9.20	82	300997	86.82	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	83791	60.93	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	666951	86.42	ng	0.00
78) Terphenyl-d14	20.02	244	1003634	92.01	ng	0.00
Target Compounds						
10) Phenol	7.23	94	14377	3.737	ng	Qvalue # 66
49) Dimethylphthalate	14.12	163	156235	16.885	ng	98

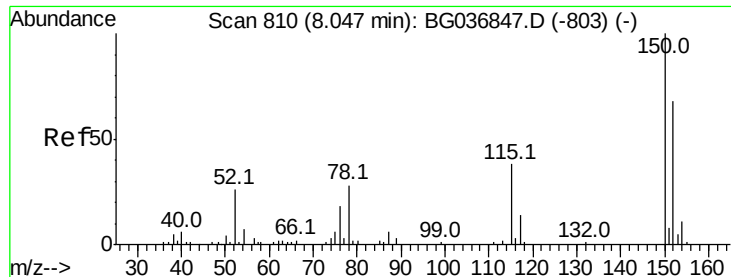
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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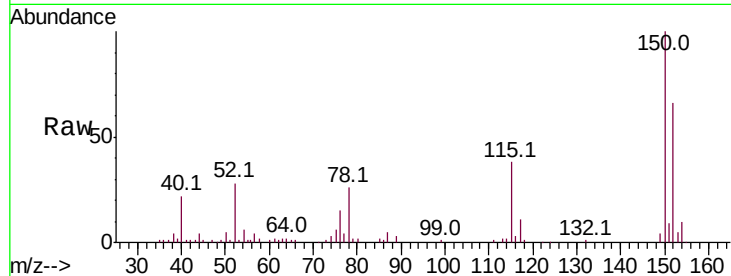


#1

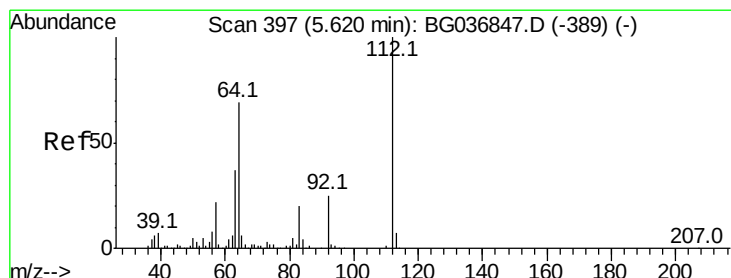
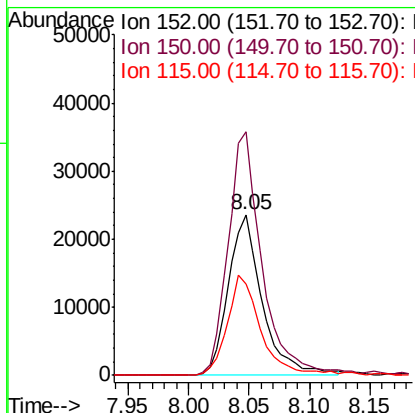
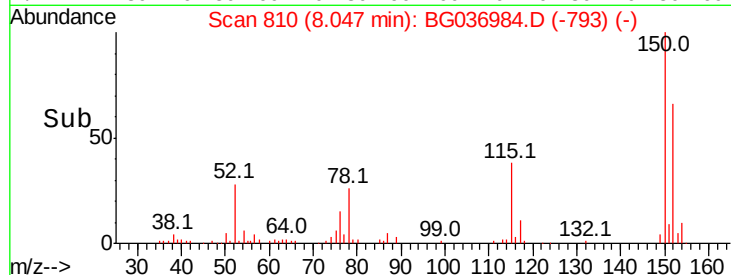
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG036984.D
Acq: 26 Sep 2018 16:35

Instrument :
BNA_G
ClientSampleId :
CONCRETE-WALL

Tot Ion:152 Resp: 46204
Ion Ratio Lower Upper
152 100
150 151.3 119.5 179.3
115 56.9 44.5 66.7



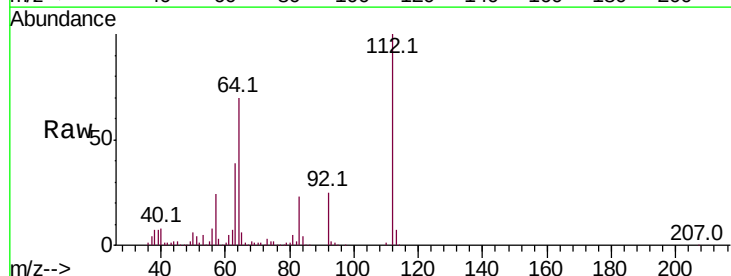
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



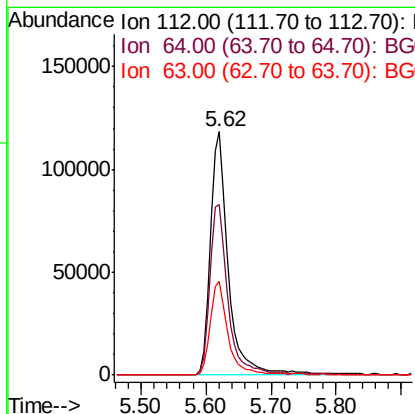
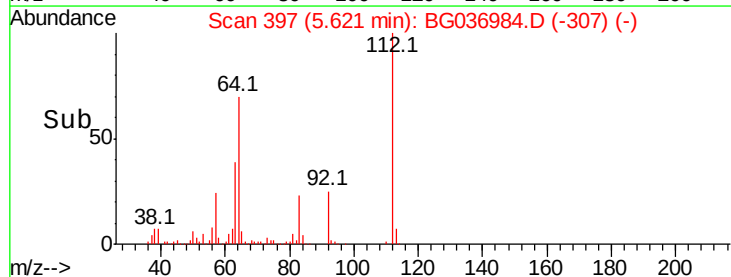
#5

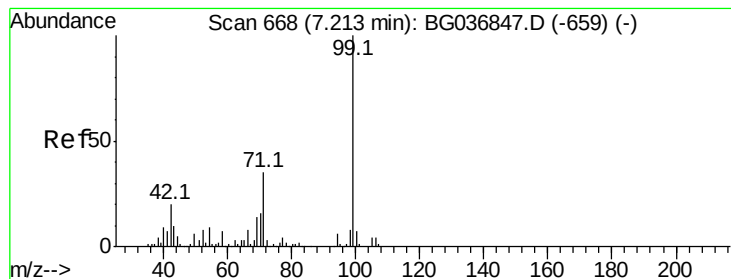
2-Fluorophenol
Concen: 94.081 ng
RT: 5.62 min Scan# 397
Delta R.T. 0.00 min
Lab File: BG036984.D
Acq: 26 Sep 2018 16:35

Tgt Ion:112 Resp: 226664
Ion Ratio Lower Upper
112 100
64 70.3 57.2 85.8
63 38.5 30.8 46.2



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





#7

Phenol-d6

Concen: 105.371 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036984.D

Acq: 26 Sep 2018 16:35

Instrument :

BNA_G

ClientSampleId :

CONCRETE-WALL

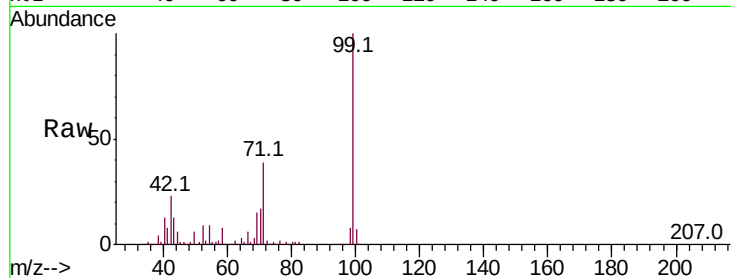
Tot Ion: 99 Resp: 392770

Ion Ratio Lower Upper

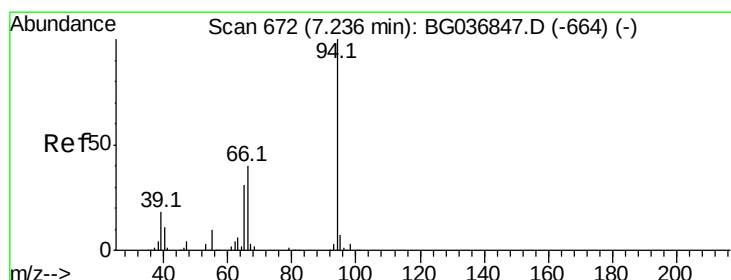
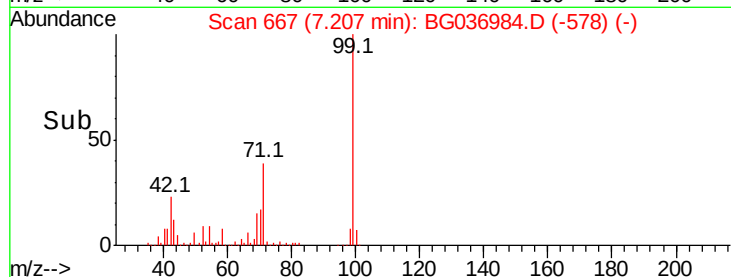
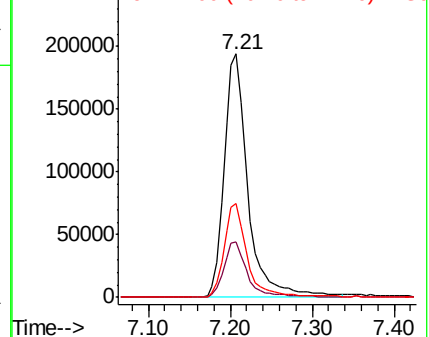
99 100

42 22.7 16.5 24.7

71 38.6 29.4 44.2



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: 3.737 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG036984.D

Acq: 26 Sep 2018 16:35

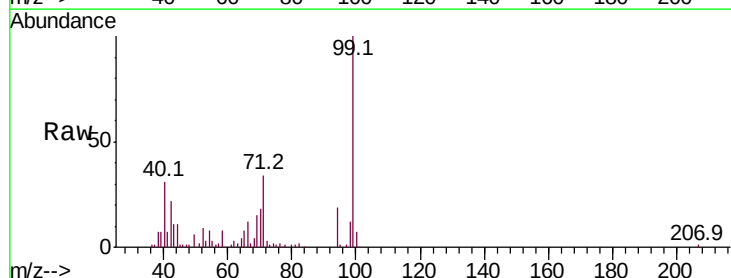
Tgt Ion: 94 Resp: 14377

Ion Ratio Lower Upper

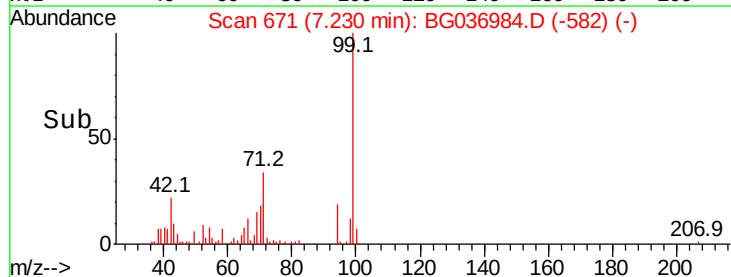
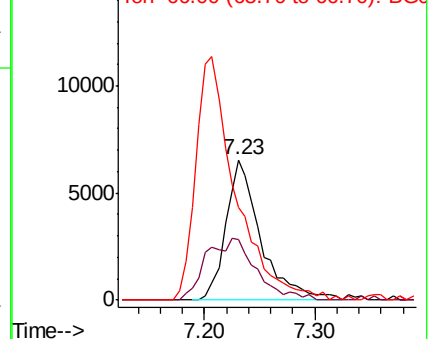
94 100

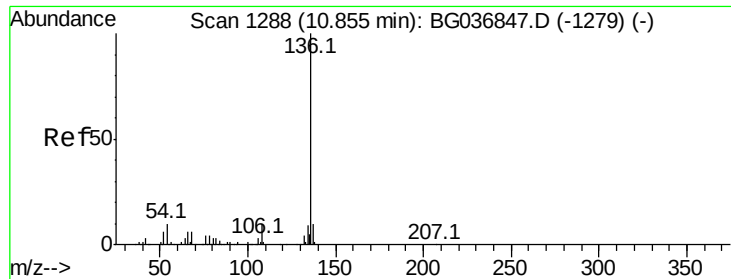
65 43.2 11.5 51.5

66 66.4 19.5 59.5#



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

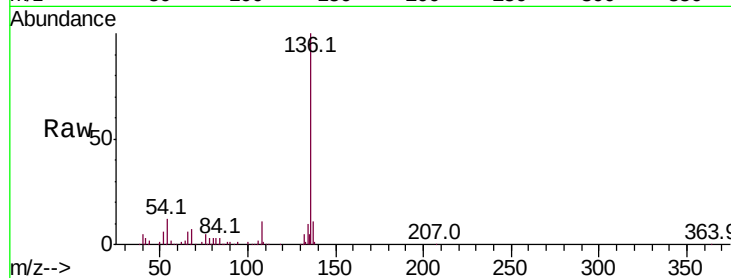




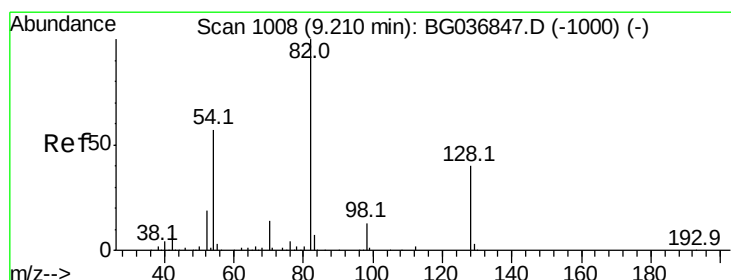
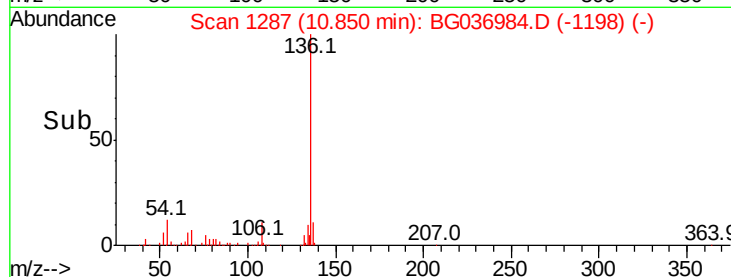
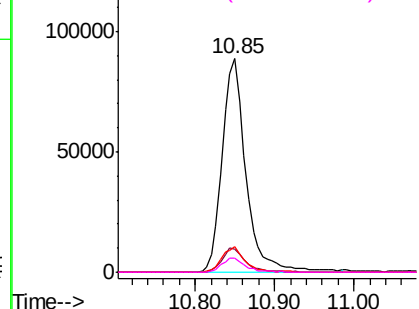
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036984.D
Acq: 26 Sep 2018 16:35

Instrument :
BNA_G
ClientSampleId :
CONCRETE-WALL

Tot Ion:	136	Resp:	185648
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	11.8	9.2	13.8
68	6.7	5.8	8.6

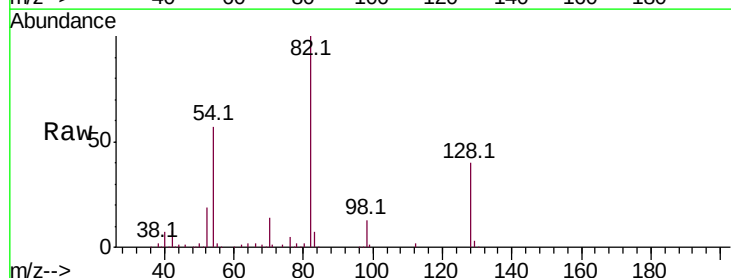


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

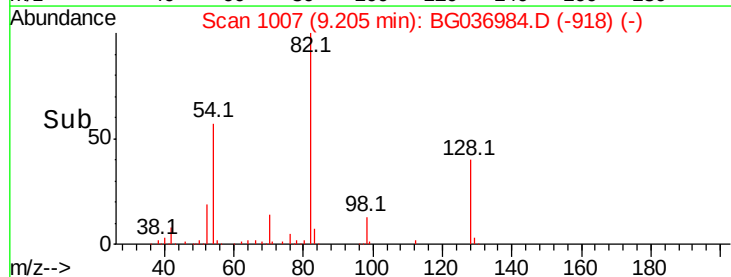
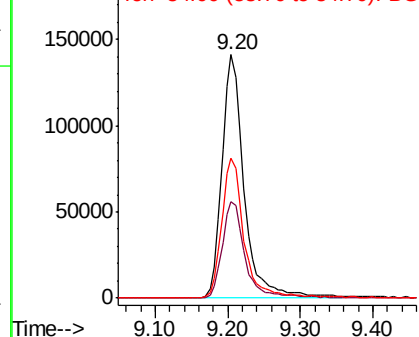


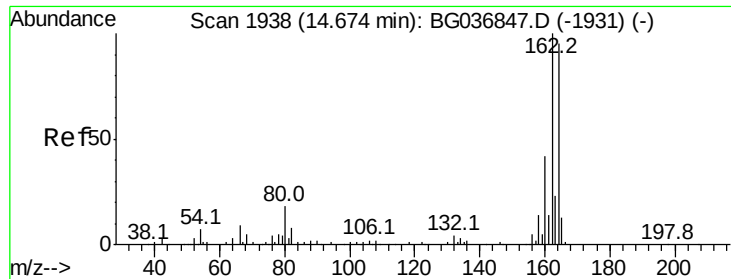
#23
Nitrobenzene-d5
Concen: 86.824 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036984.D
Acq: 26 Sep 2018 16:35

Tgt Ion:	82	Resp:	300997
Ion	Ratio	Lower	Upper
82	100		
128	39.7	33.3	49.9
54	57.5	45.1	67.7



Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG036984.D

Acq: 26 Sep 2018 16:35

Instrument :

BNA_G

ClientSampleId :

CONCRETE-WALL

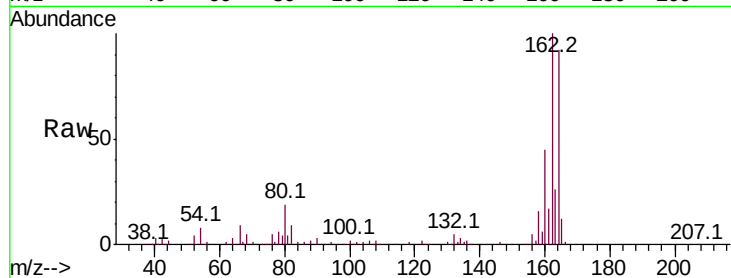
Tot Ion:164 Resp: 114950

Ion Ratio Lower Upper

164 100

162 108.9 80.7 121.1

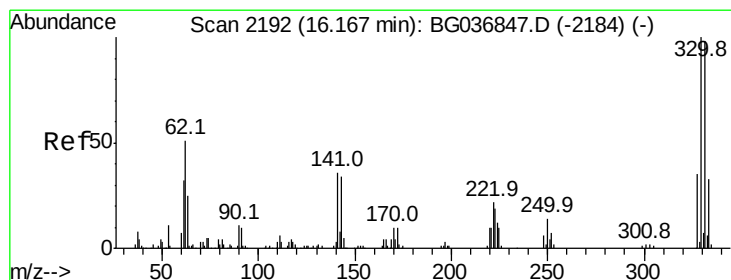
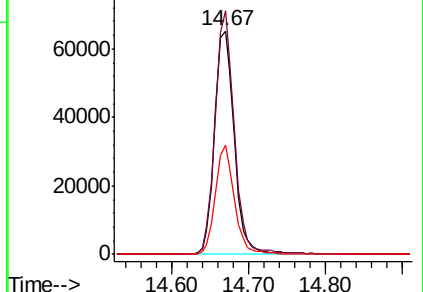
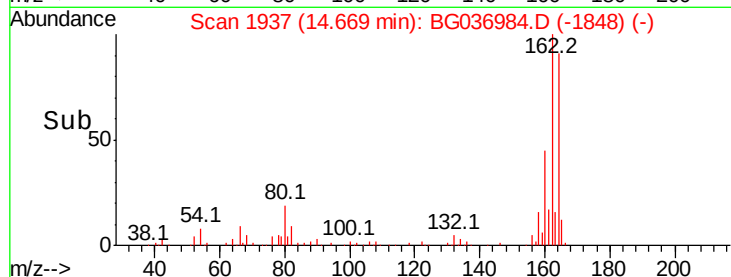
160 48.8 35.3 52.9



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



#41

2,4,6-Tribromophenol

Concen: 60.925 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG036984.D

Acq: 26 Sep 2018 16:35

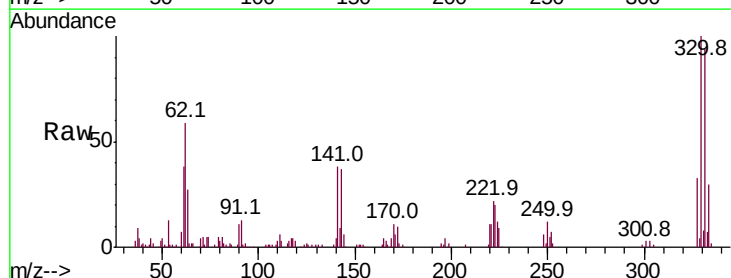
Tgt Ion:330 Resp: 83791

Ion Ratio Lower Upper

330 100

332 96.9 75.4 113.2

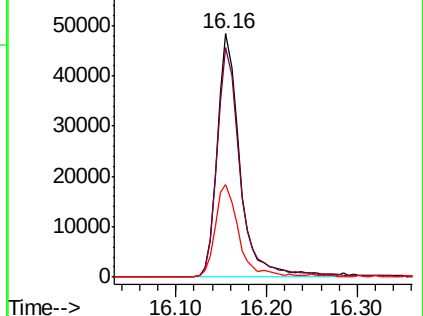
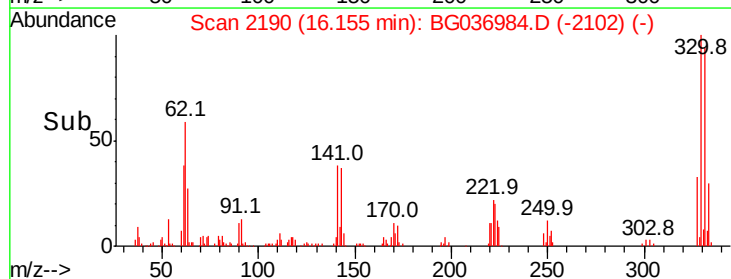
141 39.3 30.7 46.1

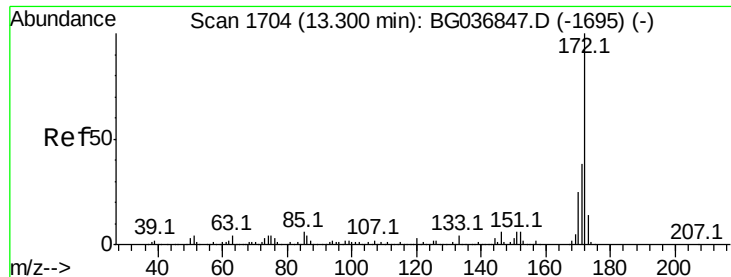


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

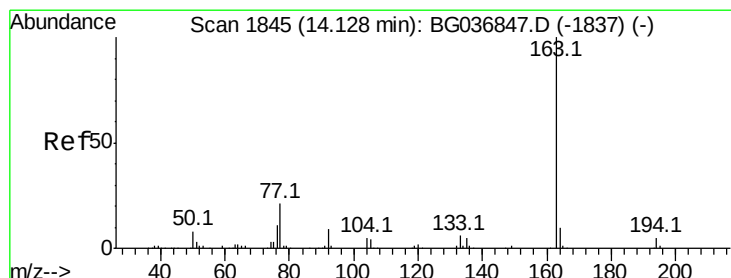
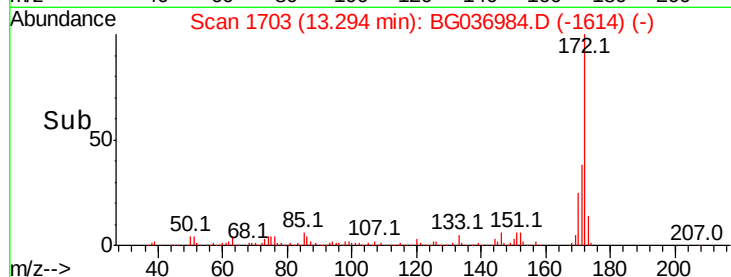
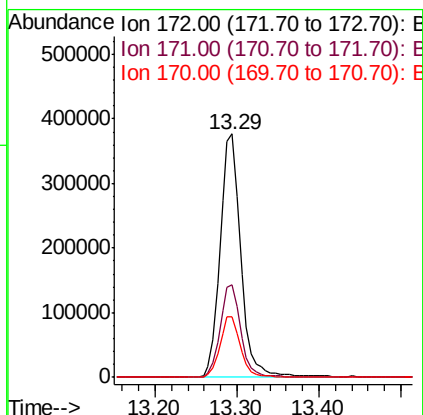
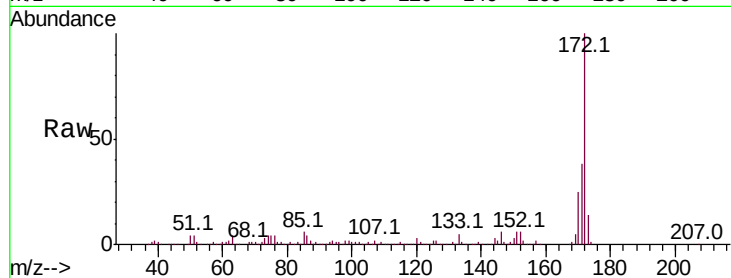




#44
2-Fluorobiphenyl
Concen: 86.416 ng
RT: 13.29 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG036984.D
Acq: 26 Sep 2018 16:35

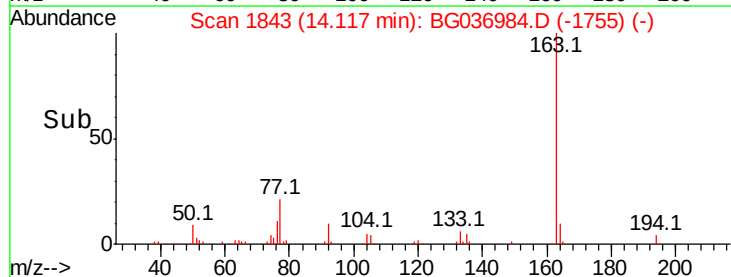
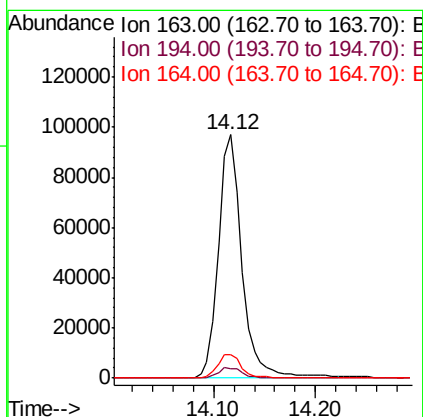
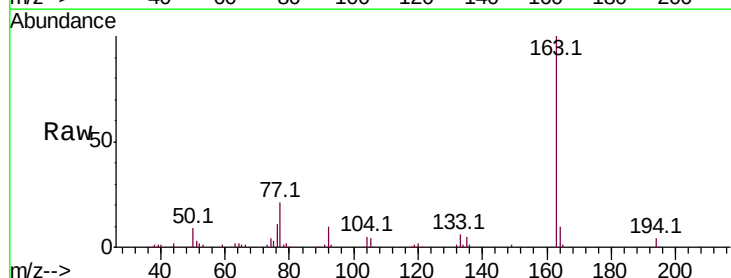
Instrument :
BNA_G
ClientSampleId :
CONCRETE-WALL

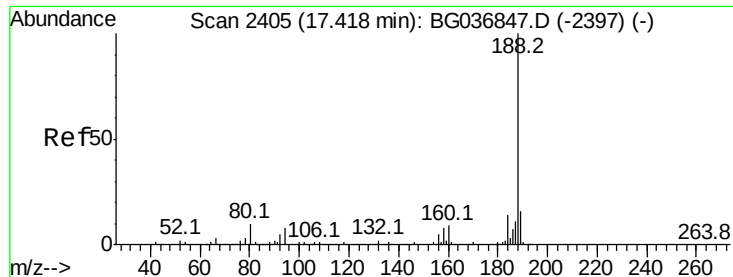
Tot Ion:172 Resp: 666951
Ion Ratio Lower Upper
172 100
171 38.0 31.3 46.9
170 24.7 21.0 31.6



#49
Dimethylphthalate
Concen: 16.885 ng
RT: 14.12 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BG036984.D
Acq: 26 Sep 2018 16:35

Tgt Ion:163 Resp: 156235
Ion Ratio Lower Upper
163 100
194 4.1 4.0 6.0
164 9.6 8.1 12.1

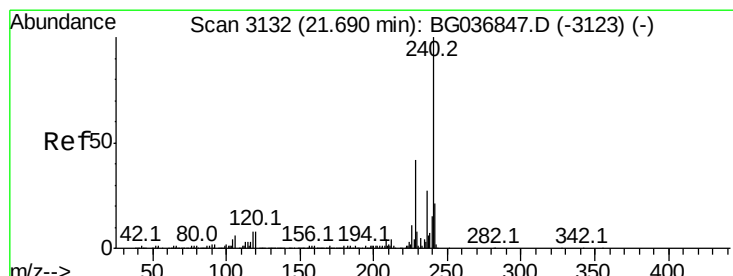
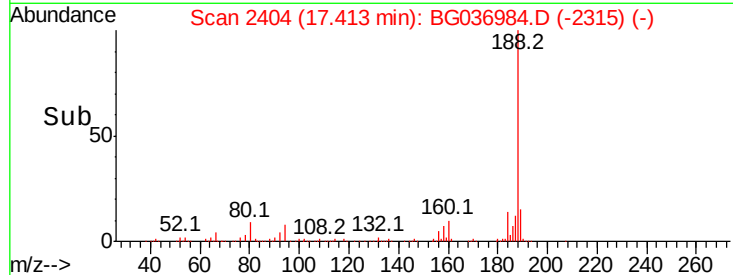
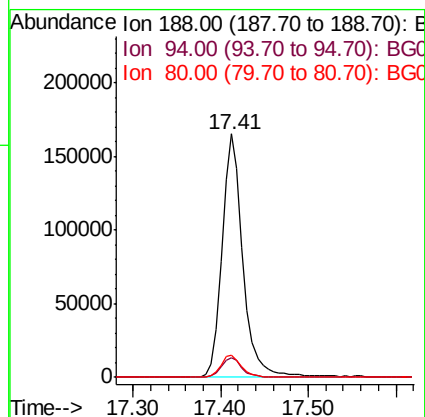
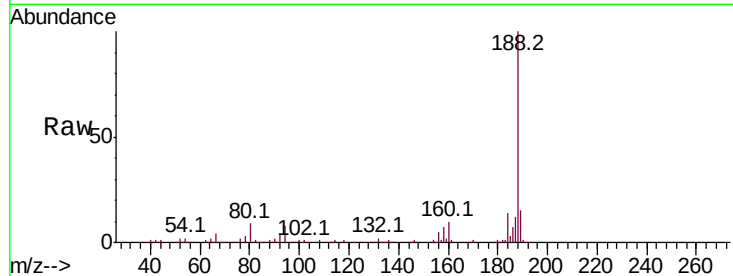




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG036984.D
Acq: 26 Sep 2018 16:35

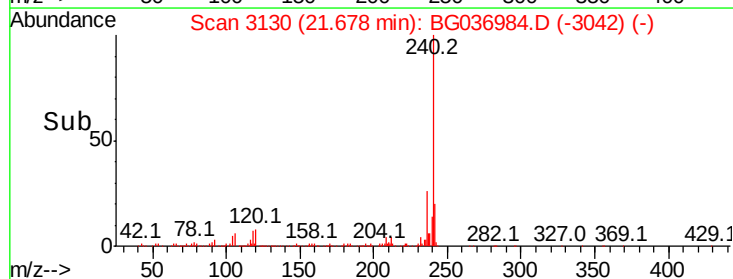
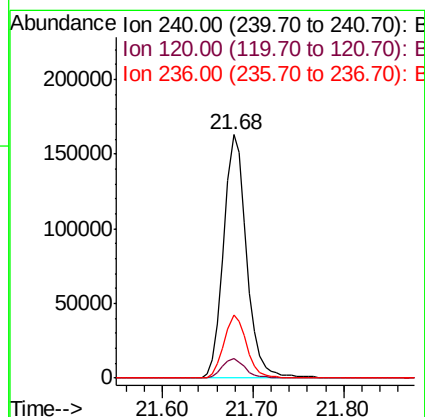
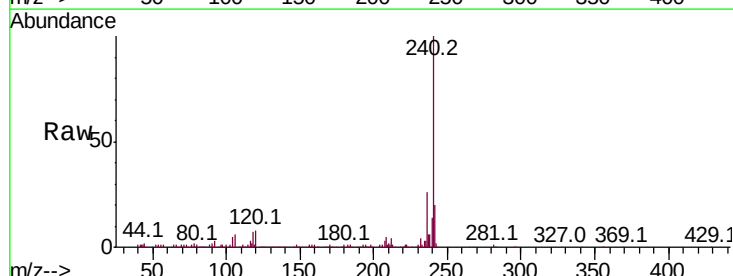
Instrument :
BNA_G
ClientSampleId :
CONCRETE-WALL

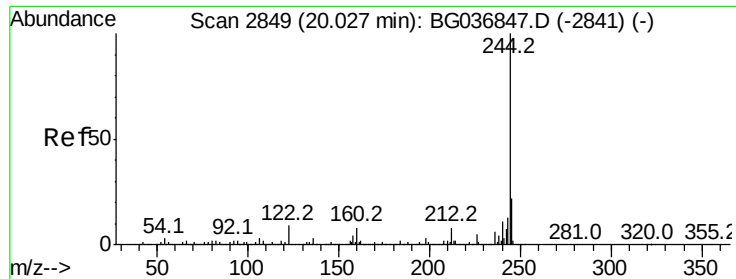
Tot Ion:188 Resp: 272327
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 9.3 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036984.D
Acq: 26 Sep 2018 16:35

Tgt Ion:240 Resp: 286824
Ion Ratio Lower Upper
240 100
120 8.1 6.9 10.3
236 25.7 21.2 31.8





#78

Terphenyl-d14

Concen: 92.009 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036984.D

Acq: 26 Sep 2018 16:35

Instrument :

BNA_G

ClientSampleId :

CONCRETE-WALL

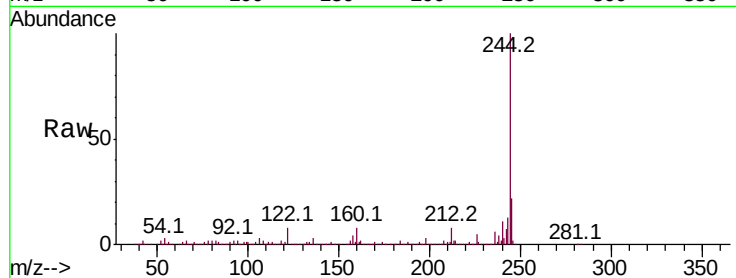
Tot Ion:244 Resp: 1003634

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

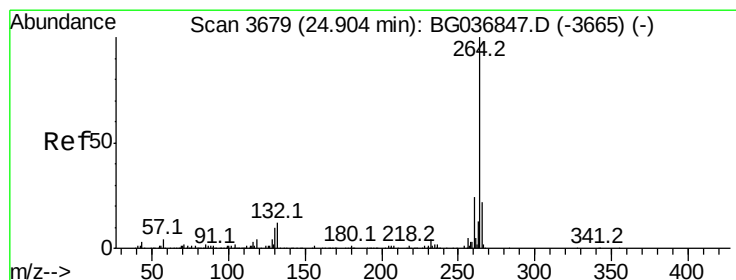
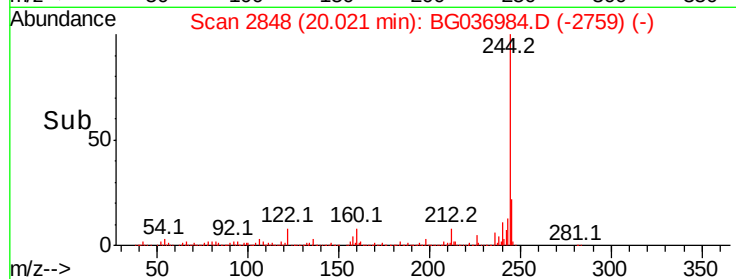
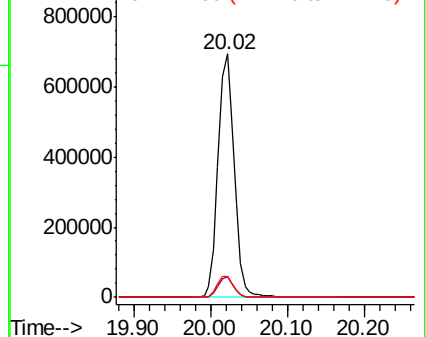
122 8.5 7.1 10.7



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: 24.89 min Scan# 3676

Delta R.T. -0.02 min

Lab File: BG036984.D

Acq: 26 Sep 2018 16:35

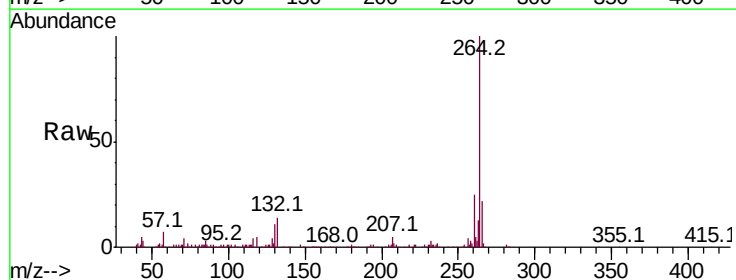
Tgt Ion:264 Resp: 297016

Ion Ratio Lower Upper

264 100

260 24.7 19.6 29.4

265 22.0 17.4 26.0



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

