

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037564.D
 Acq On : 26 Oct 2018 4:07
 Operator : JU/SJ
 Sample : J5633-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Quant Time: Oct 26 08:42:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

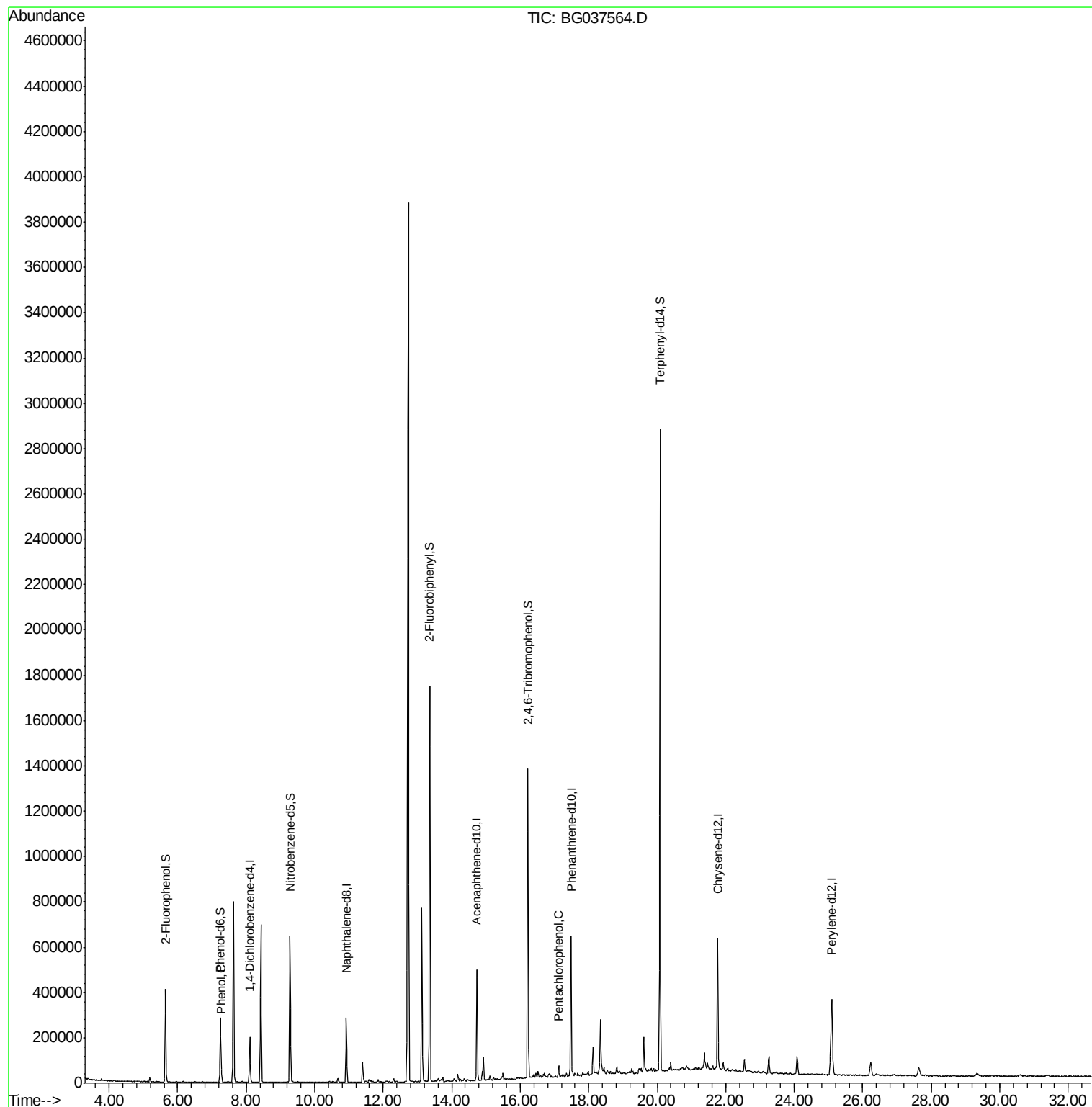
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	59135	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	261986	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	173282	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	393717	20.00	ng	0.00
76) Chrysene-d12	21.77	240	354457	20.00	ng	0.00
87) Perylene-d12	25.10	264	367251	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	200800	56.77	ng	0.00
7) Phenol-d6	7.24	99	180142	33.68	ng	0.00
23) Nitrobenzene-d5	9.28	82	410675	87.81	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	246069	130.20	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	928091	80.76	ng	0.00
79) Terphenyl-d14	20.08	244	1302851	78.54	ng	0.00
Target Compounds						
10) Phenol	7.27	94	39597	7.017	ng	96
70) Pentachlorophenol	17.12	266	8668	2.888	ng	# 87

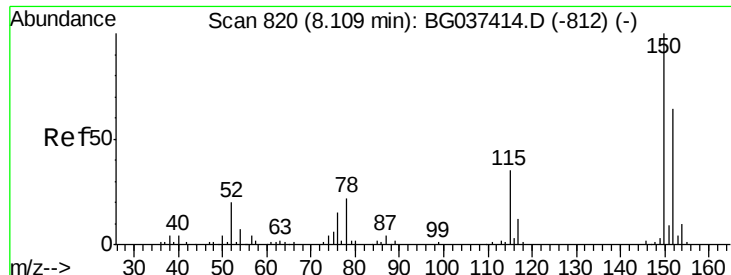
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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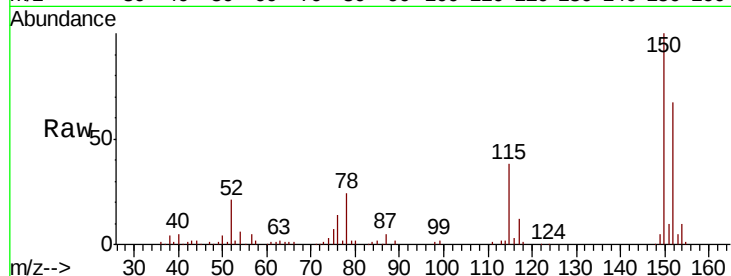


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037564.D
Acq: 26 Oct 2018 4:07

Instrument :
BNA_G
ClientSampleId :
MW-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.8	126.0	189.0
115	56.2	45.5	68.3

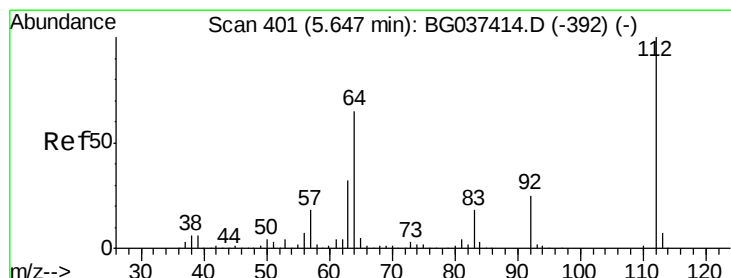
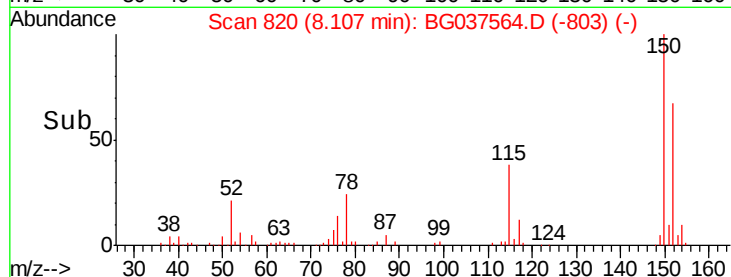
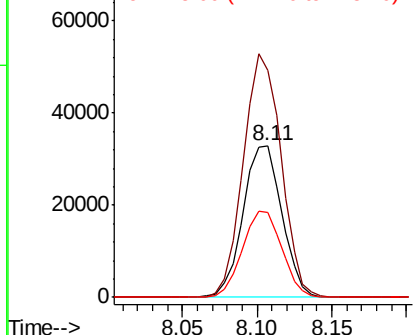


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

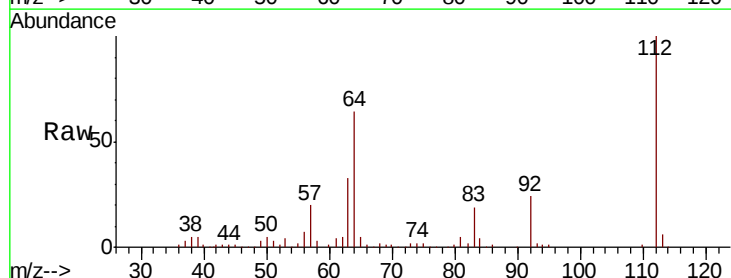
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 56.770 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037564.D
Acq: 26 Oct 2018 4:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.0	53.1	79.7
63	32.6	27.3	40.9

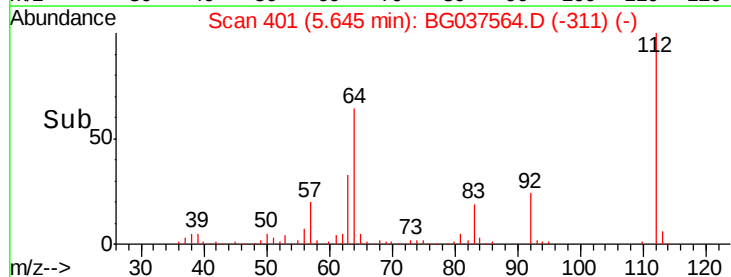
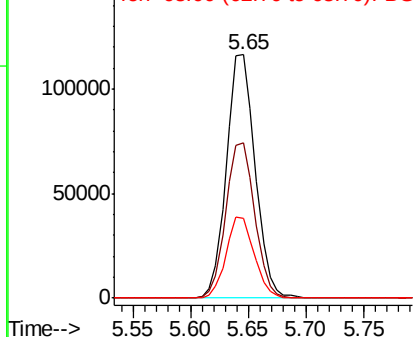


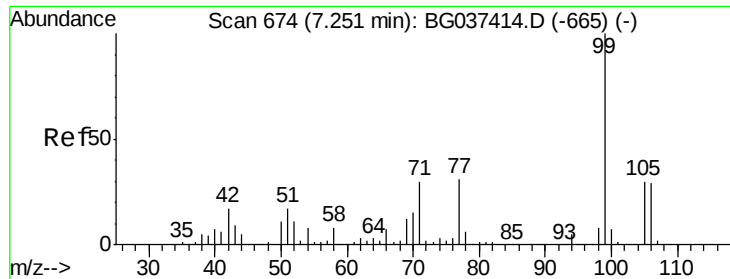
Abundance

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: 33.681 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037564.D

Acq: 26 Oct 2018 4:07

Instrument :

BNA_G

ClientSampleId :

MW-3

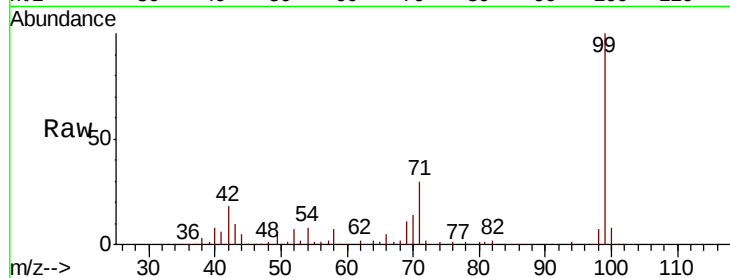
Tot Ion: 99 Resp: 180142

Ion Ratio Lower Upper

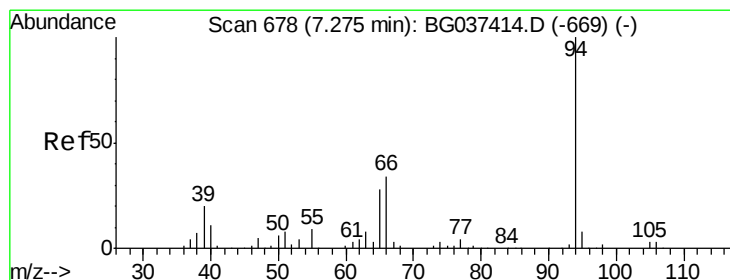
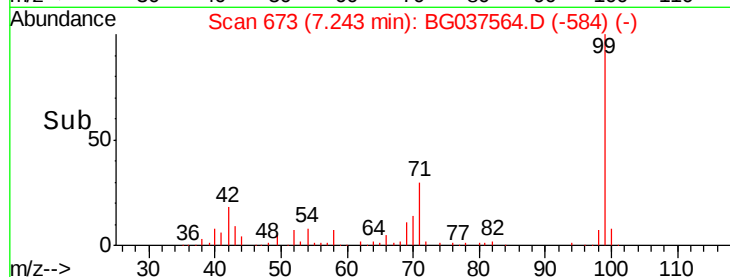
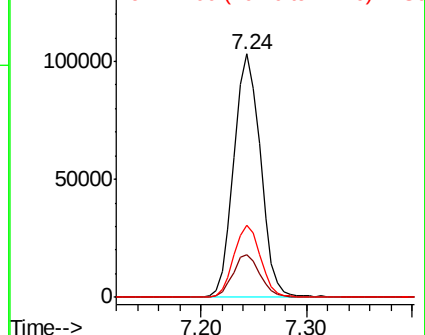
99 100

42 17.7 15.0 22.4

71 29.8 25.5 38.3



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: 7.017 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037564.D

Acq: 26 Oct 2018 4:07

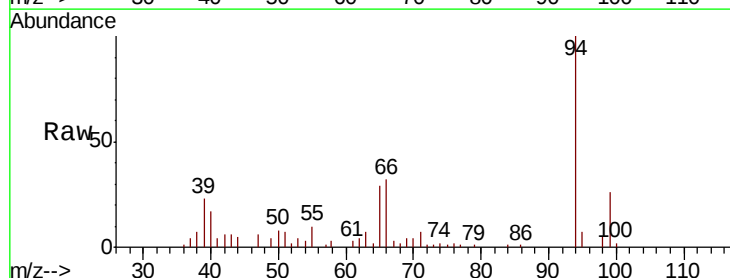
Tgt Ion: 94 Resp: 39597

Ion Ratio Lower Upper

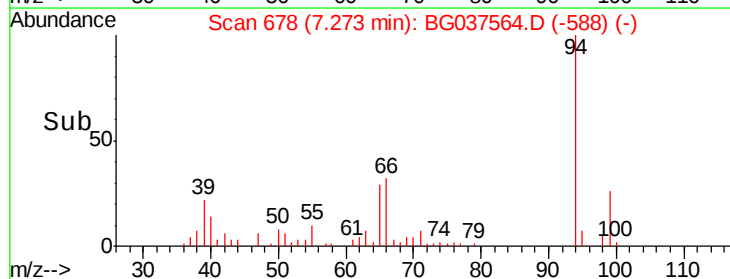
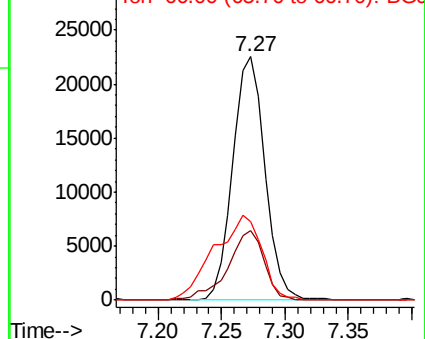
94 100

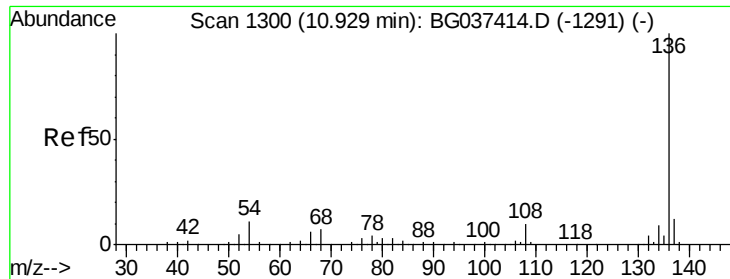
65 28.7 9.7 49.7

66 32.0 15.9 55.9



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

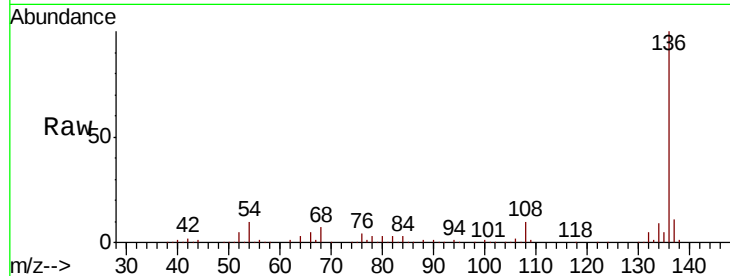




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037564.D
Acq: 26 Oct 2018 4:07

Instrument :
BNA_G
ClientSampleId :
MW-3

Tot Ion:136	Resp:	261986
Ion	Ratio	Lower Upper
136	100	
137	10.6	9.6 14.4
54	9.9	7.9 11.9
68	6.6	4.8 7.2



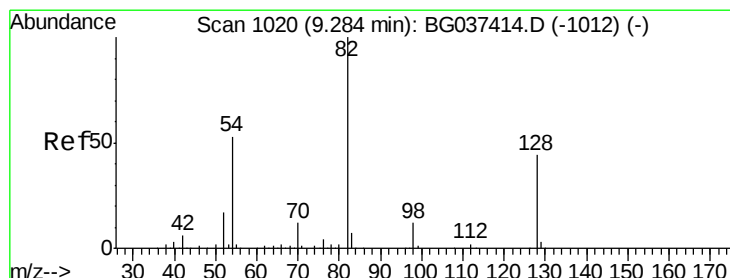
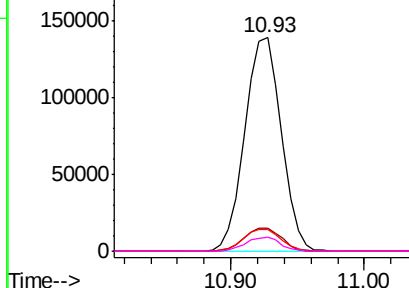
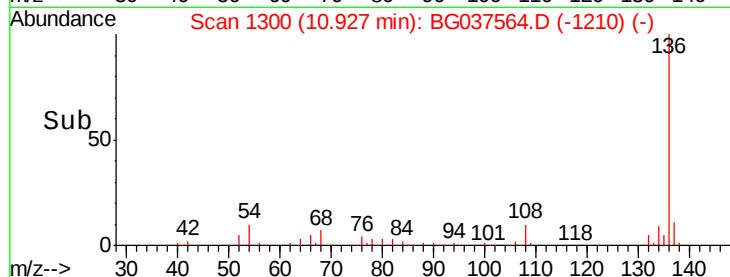
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

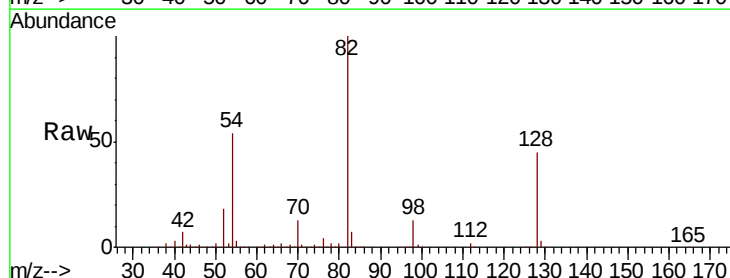
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 87.812 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037564.D
Acq: 26 Oct 2018 4:07

Tgt Ion: 82	Resp:	410675
Ion	Ratio	Lower Upper
82	100	
128	45.3	34.6 51.8
54	53.8	45.3 67.9

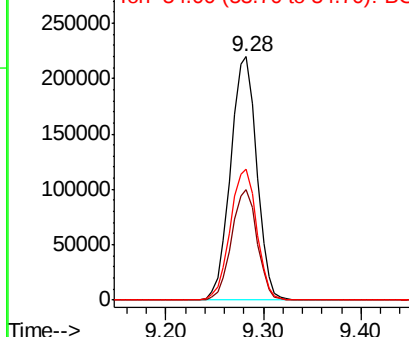
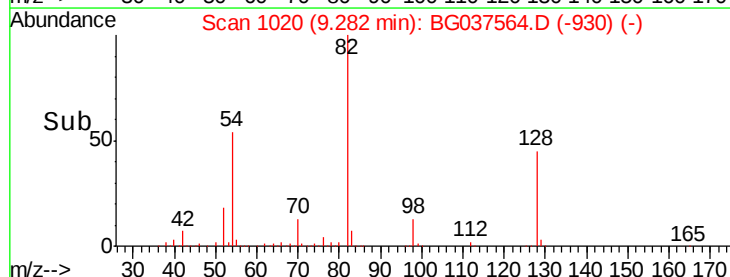


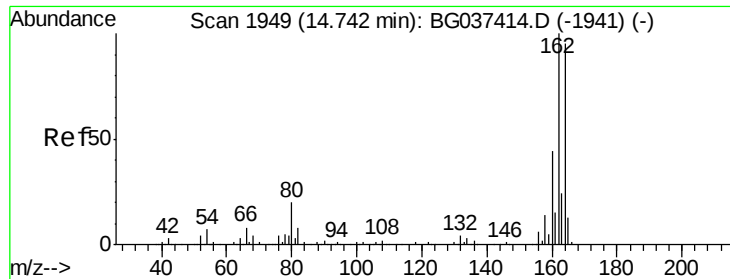
Abundance

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: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037564.D

Acq: 26 Oct 2018 4:07

Instrument :

BNA_G

ClientSampleId :

MW-3

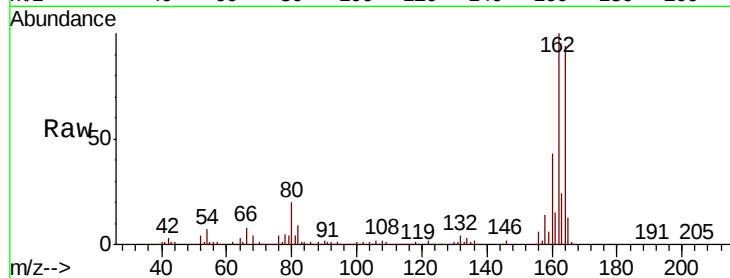
Tot Ion:164 Resp: 173282

Ion Ratio Lower Upper

164 100

162 106.7 81.3 121.9

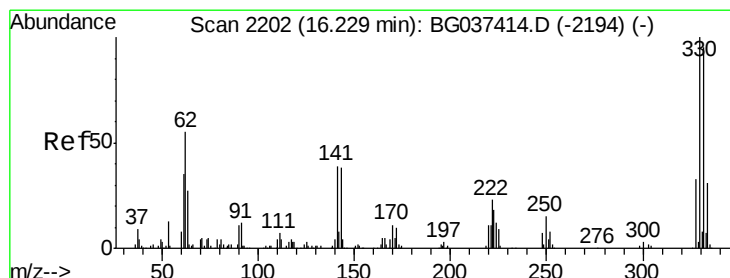
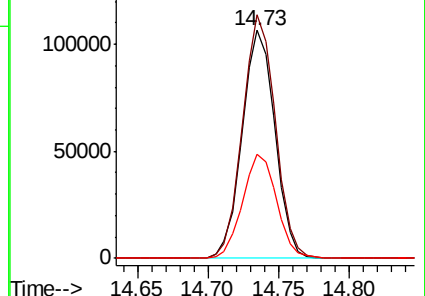
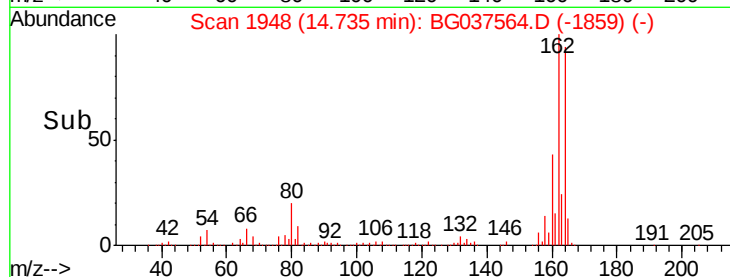
160 45.5 36.3 54.5



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: 130.197 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037564.D

Acq: 26 Oct 2018 4:07

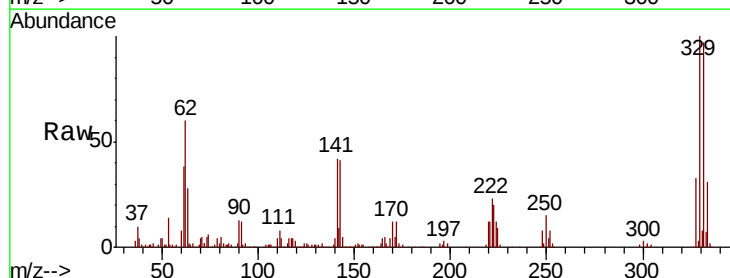
Tgt Ion:330 Resp: 246069

Ion Ratio Lower Upper

330 100

332 96.8 78.4 117.6

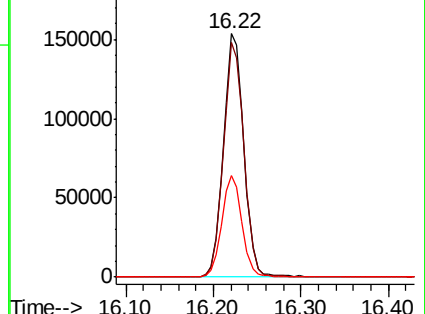
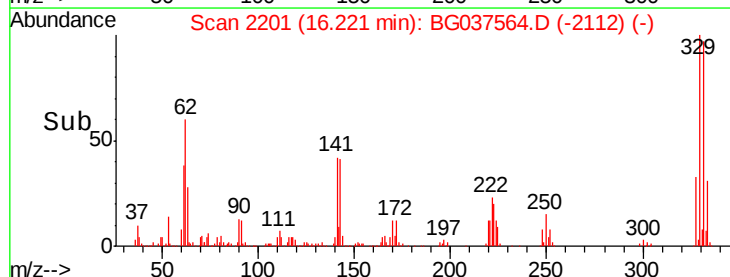
141 41.4 32.2 48.2

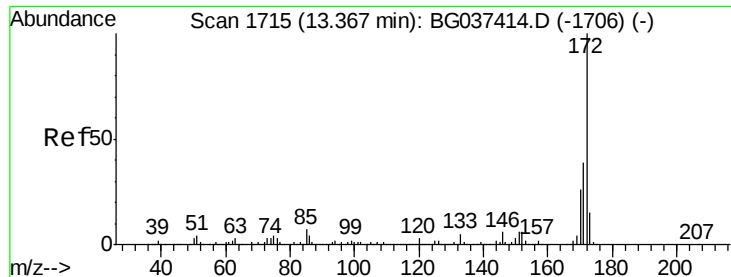


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

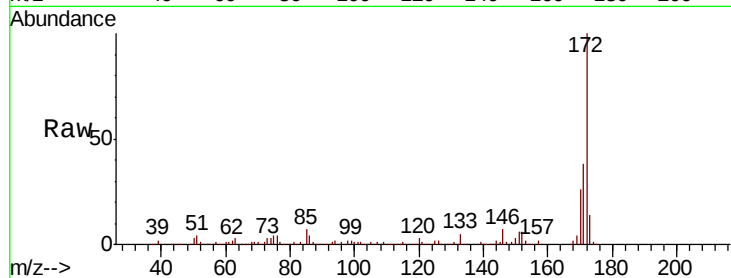




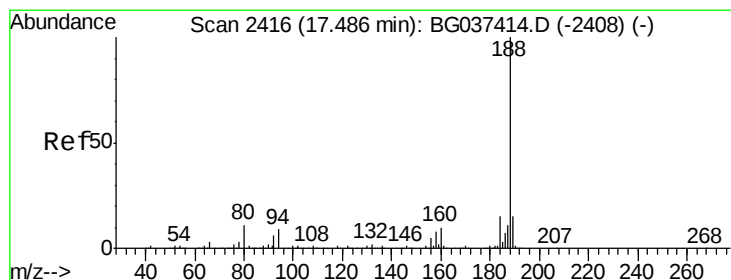
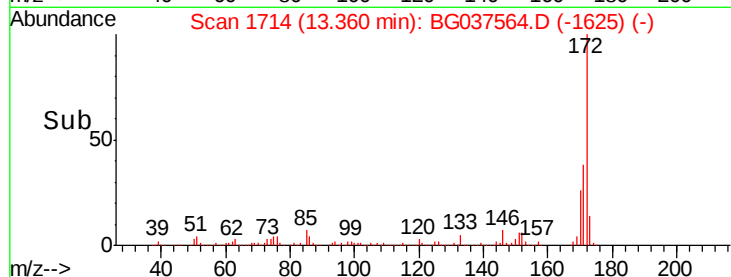
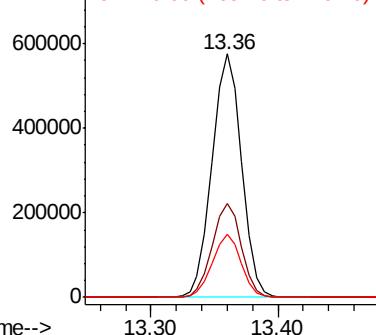
#45
 2-Fluorobiphenyl
 Concen: 80.765 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037564.D
 Acq: 26 Oct 2018 4:07

Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Tot Ion:172	Resp:	928091
Ion	Ratio	Lower Upper
172	100	
171	38.4	31.0 46.4
170	25.7	20.2 30.2

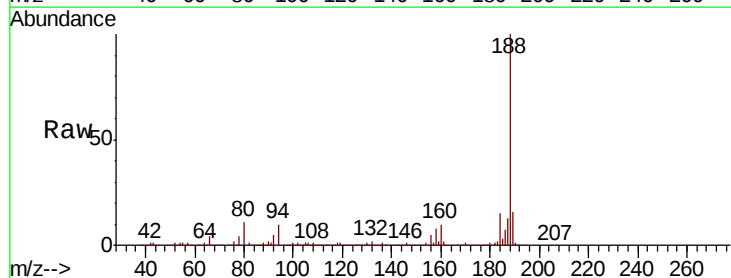


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

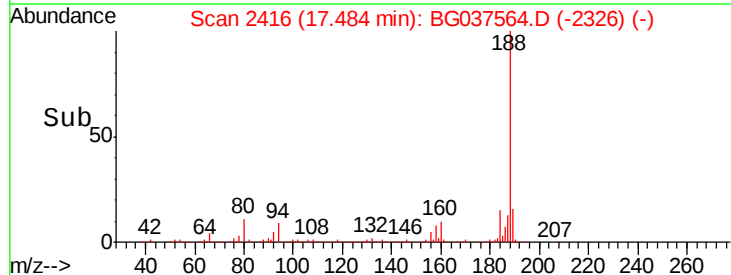
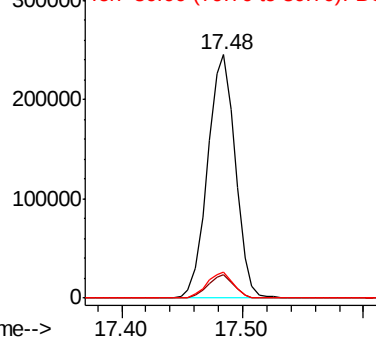


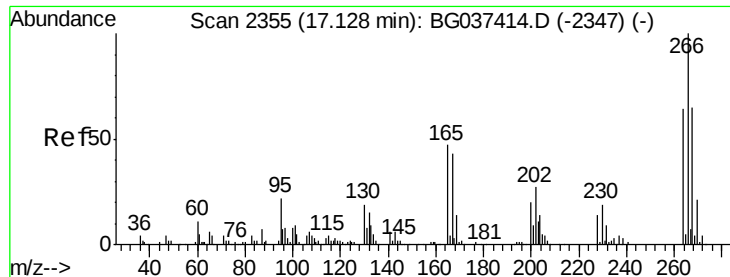
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037564.D
 Acq: 26 Oct 2018 4:07

Tgt Ion:188	Resp:	393717
Ion	Ratio	Lower Upper
188	100	
94	9.5	7.2 10.8
80	10.5	7.7 11.5



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

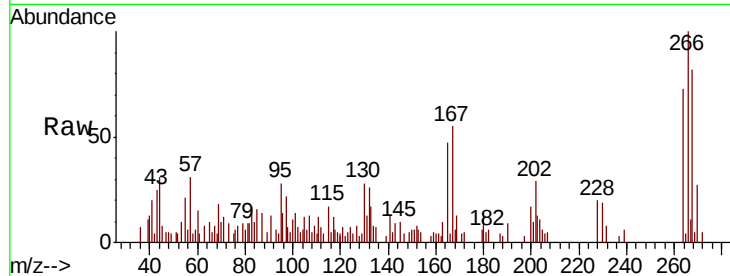




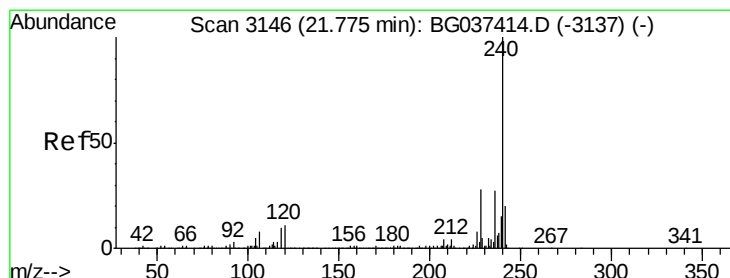
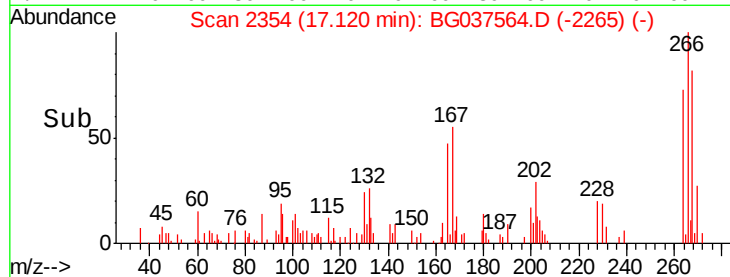
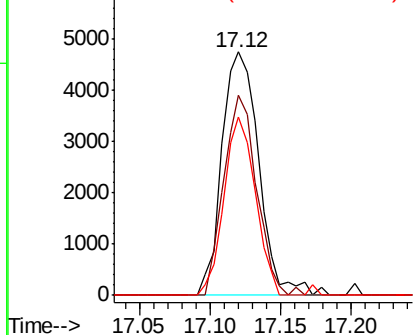
#70
 Pentachlorophenol
 Concen: 2.888 ng
 RT: 17.12 min Scan# 2354
 Delta R.T. -0.01 min
 Lab File: BG037564.D
 Acq: 26 Oct 2018 4:07

Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Tot Ion:266 Resp: 8668
 Ion Ratio Lower Upper
 266 100
 268 87.3 55.0 82.6#
 264 77.1 58.9 88.3

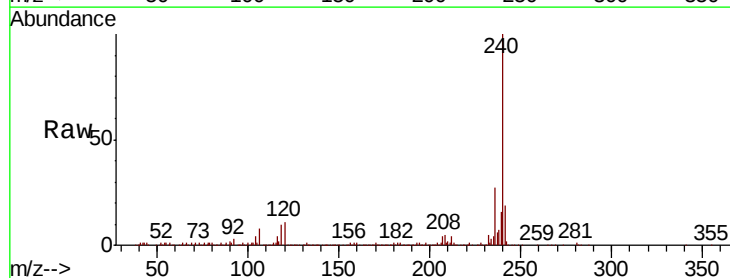


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

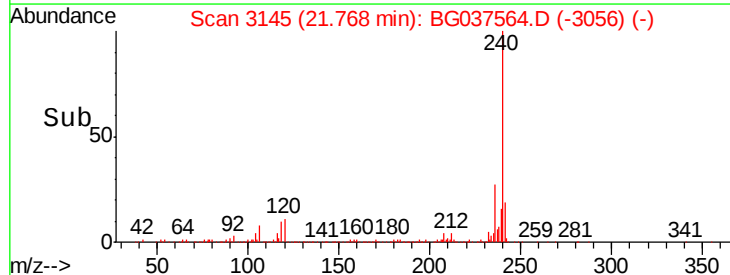
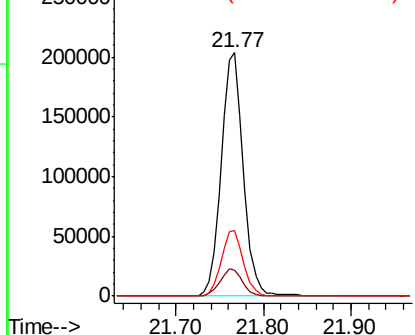


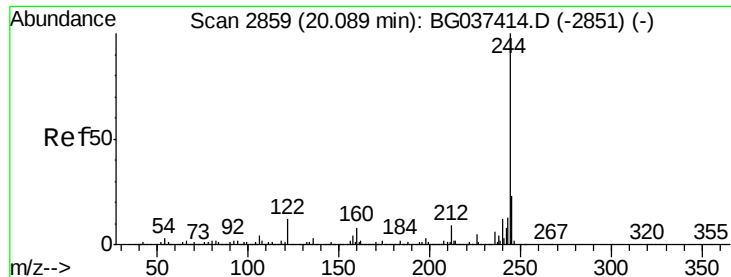
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037564.D
 Acq: 26 Oct 2018 4:07

Tgt Ion:240 Resp: 354457
 Ion Ratio Lower Upper
 240 100
 120 10.6 8.1 12.1
 236 27.2 21.4 32.0



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: 78.540 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037564.D

Acq: 26 Oct 2018 4:07

Instrument :

BNA_G

ClientSampleId :

MW-3

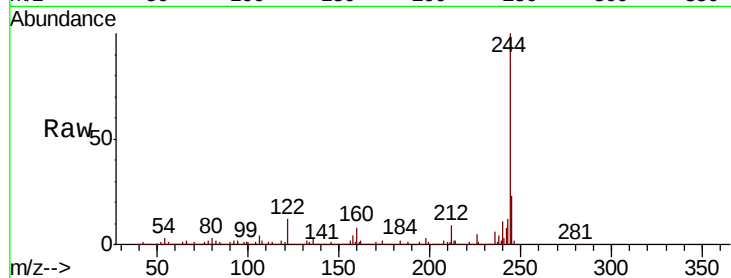
Tot Ion:244 Resp: 1302851

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

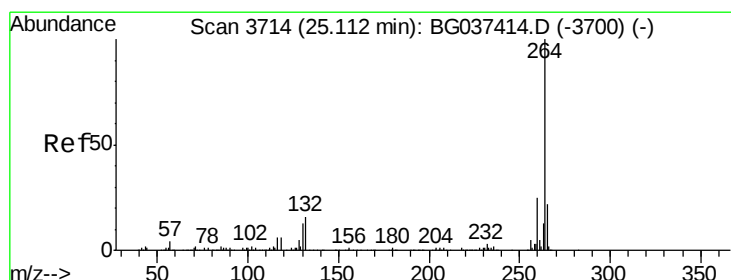
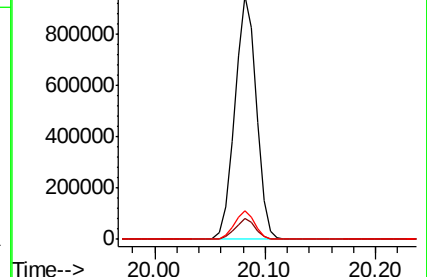
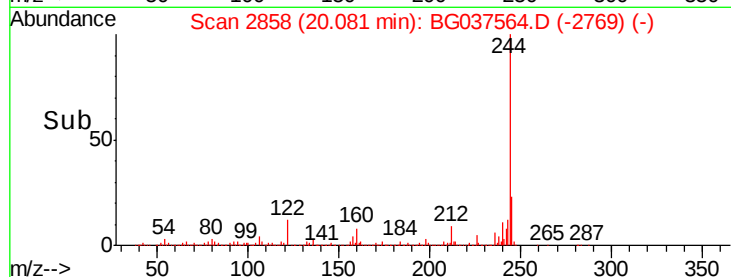
122 11.5 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037564.D

Acq: 26 Oct 2018 4:07

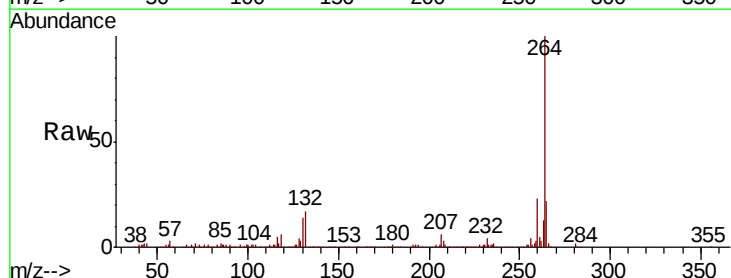
Tgt Ion:264 Resp: 367251

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.4

265 22.5 17.9 26.9



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

