

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120318\
 Data File : BG038312.D
 Acq On : 3 Dec 2018 22:58
 Operator : JU/SJ
 Sample : J6179-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S3-0-0.5-BGS

Quant Time: Dec 04 06:06:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

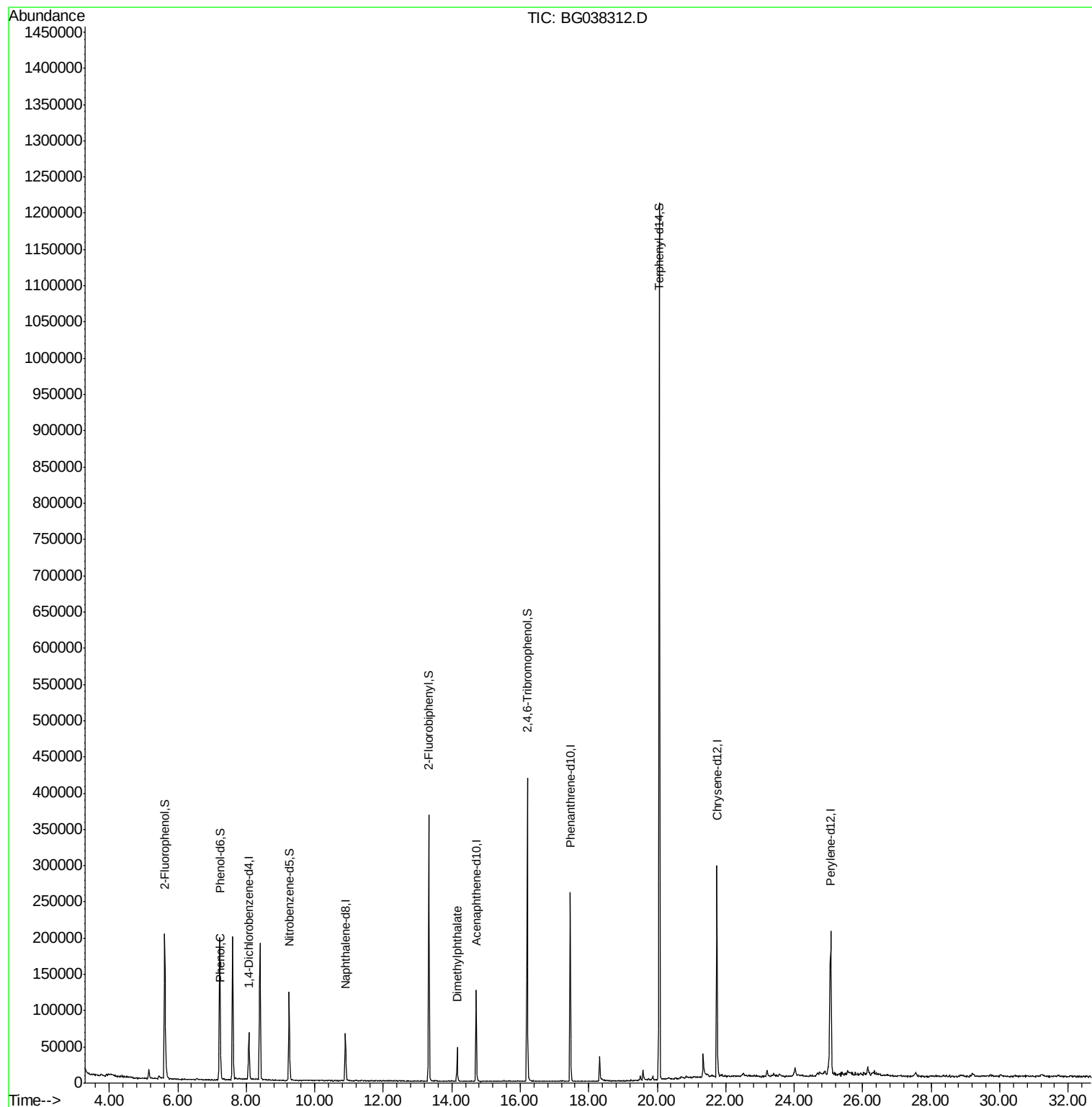
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	20390	20.00	ng	-0.01
21) Naphthalene-d8	10.90	136	63097	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	46646	20.00	ng	-0.01
64) Phenanthrene-d10	17.46	188	161644	20.00	ng	-0.01
76) Chrysene-d12	21.74	240	180805	20.00	ng	-0.01
87) Perylene-d12	25.07	264	213965	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	112937	95.63	ng	-0.01
7) Phenol-d6	7.23	99	127753	75.78	ng	0.00
23) Nitrobenzene-d5	9.25	82	81724	69.33	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	78346	147.27	ng	-0.01
45) 2-Fluorobiphenyl	13.33	172	204266	63.80	ng	-0.02
79) Terphenyl-d14	20.06	244	592952	77.17	ng	0.00
Target Compounds						
10) Phenol	7.25	94	9392	5.260	ng	86
50) Dimethylphthalate	14.16	163	35621	9.633	ng	# 99

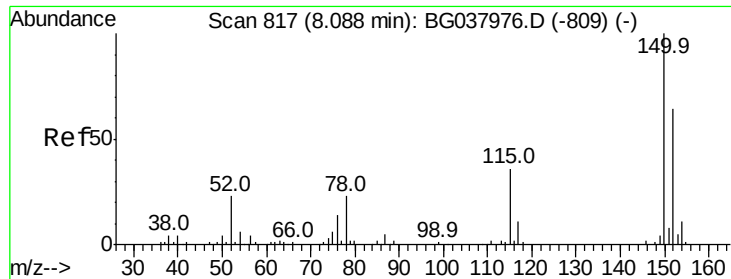
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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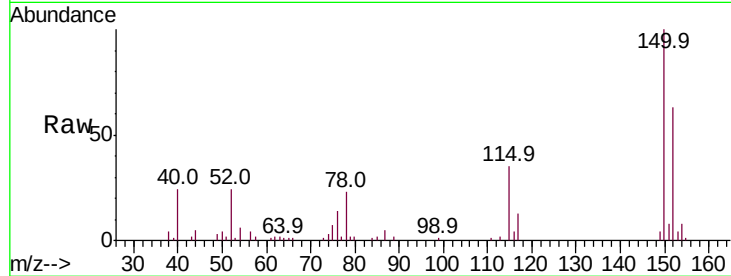


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BG038312.D
 Acq: 3 Dec 2018 22:58

Instrument :
 BNA_G
 ClientSampleId :
 S3-0-0.5-BGS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.0	189.0
115	55.7	45.5	68.3

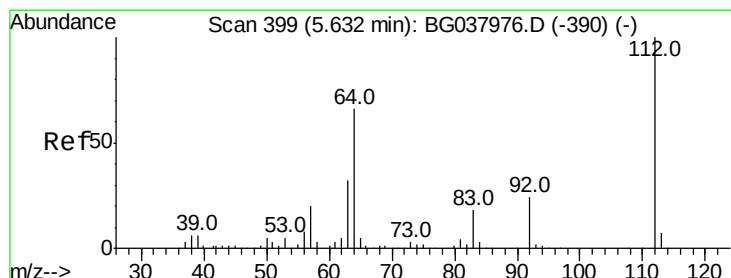
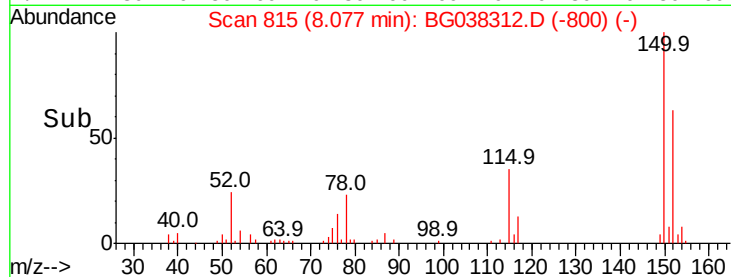
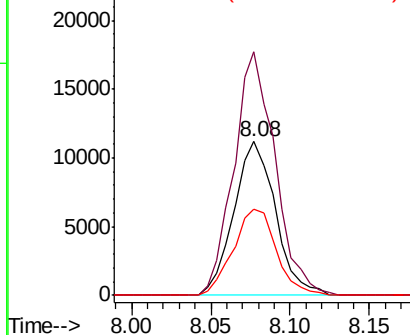


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

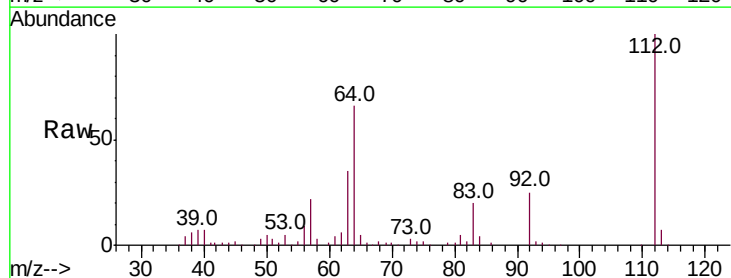
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 95.632 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BG038312.D
 Acq: 3 Dec 2018 22:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.9	53.1	79.7
63	34.7	27.3	40.9

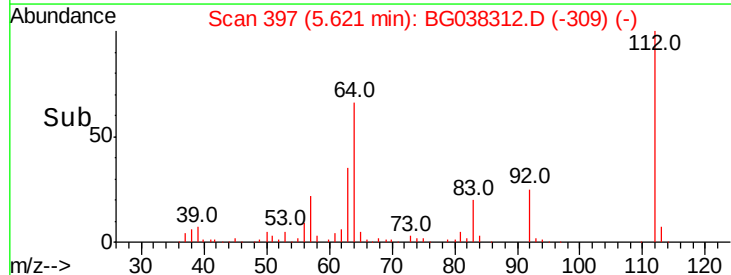
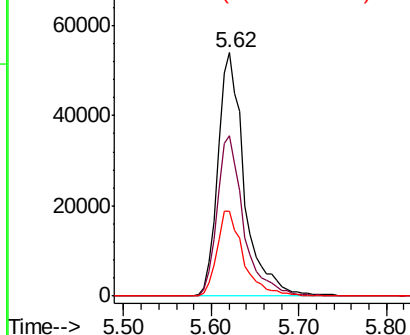


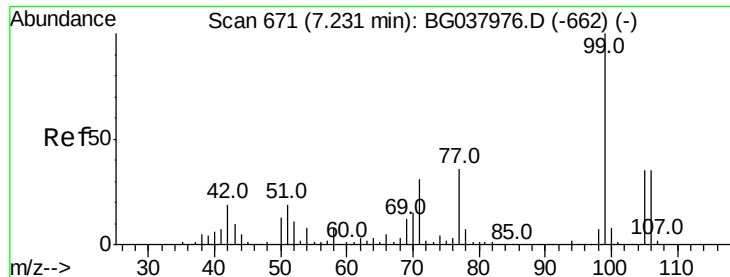
Abundance

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: 75.784 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038312.D

Acq: 3 Dec 2018 22:58

Instrument :

BNA_G

ClientSampleId :

S3-0-0.5-BGS

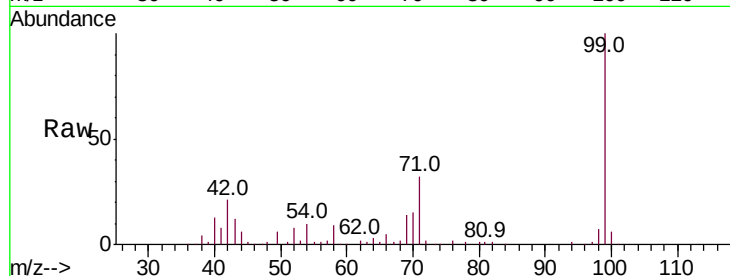
Tot Ion: 99 Resp: 127753

Ion Ratio Lower Upper

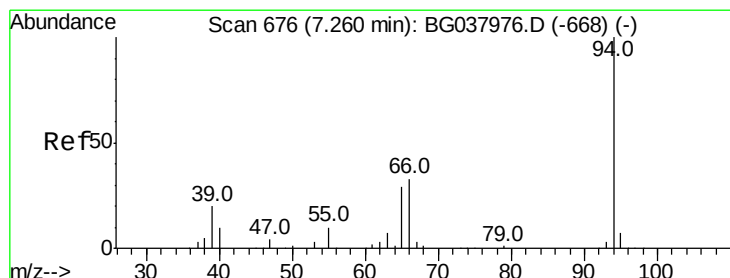
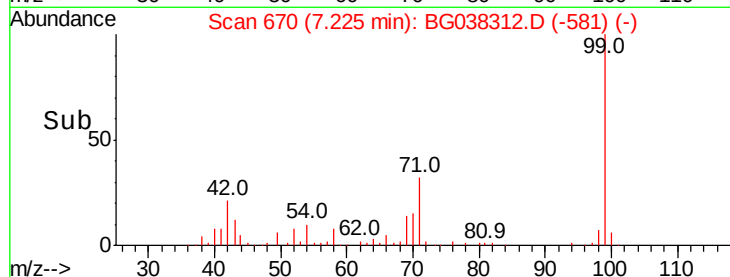
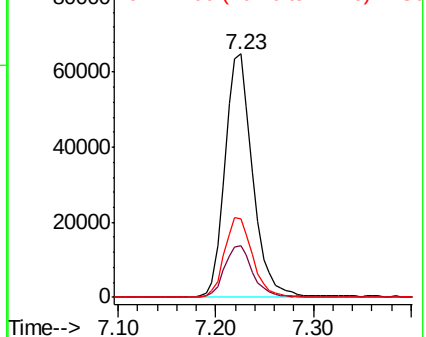
99 100

42 21.0 15.0 22.4

71 32.1 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: 5.260 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG038312.D

Acq: 3 Dec 2018 22:58

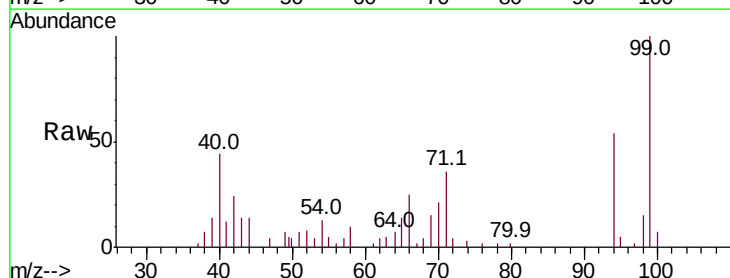
Tgt Ion: 94 Resp: 9392

Ion Ratio Lower Upper

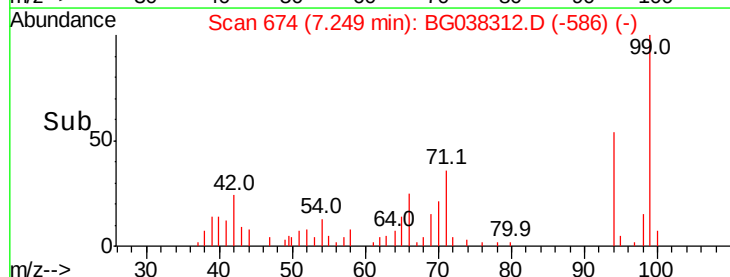
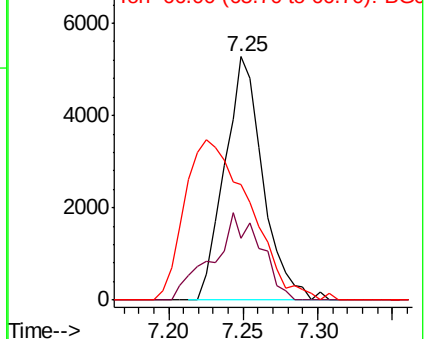
94 100

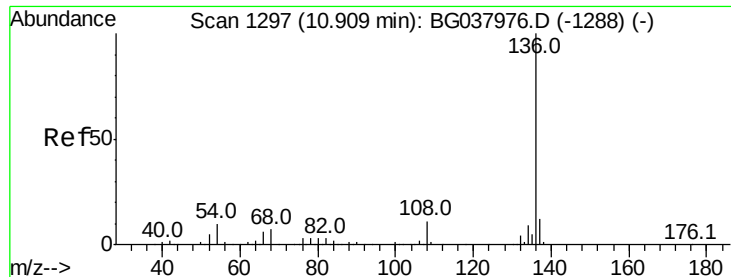
65 25.6 9.7 49.7

66 47.6 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

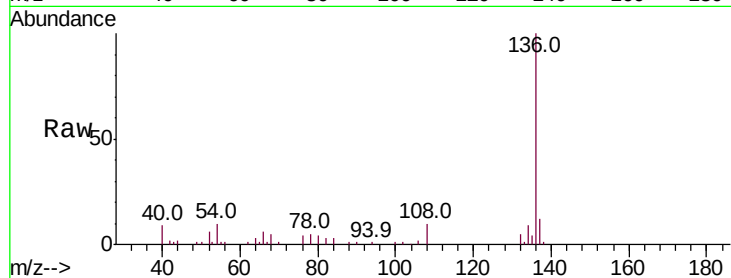




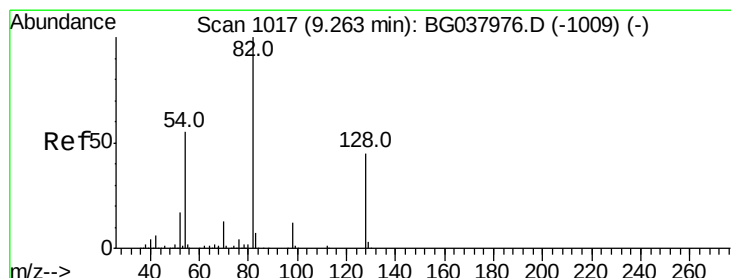
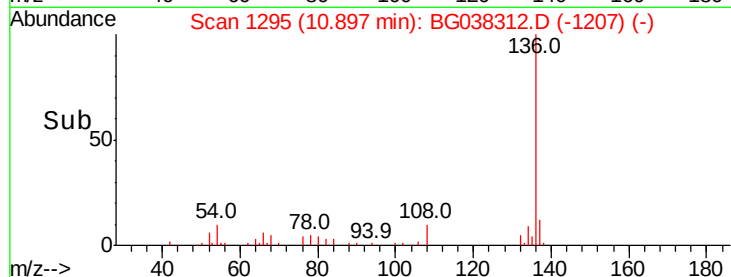
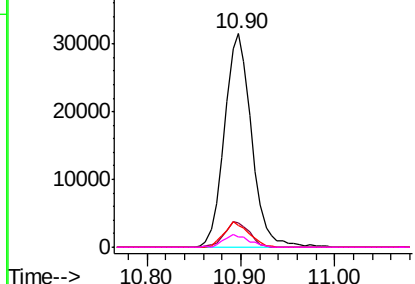
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038312.D
Acq: 3 Dec 2018 22:58

Instrument :
BNA_G
ClientSampleId :
S3-0-0.5-BGS

Tot Ion:	136	Resp:	63097
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	10.5	7.9	11.9
68	5.1	4.8	7.2

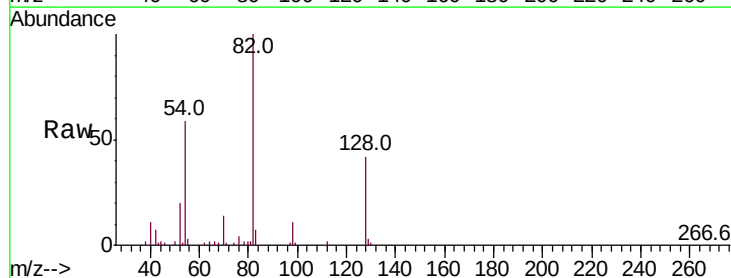


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

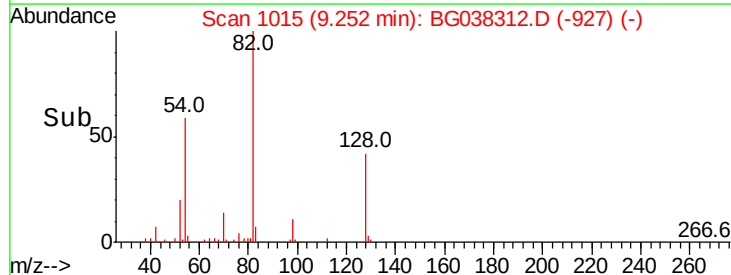
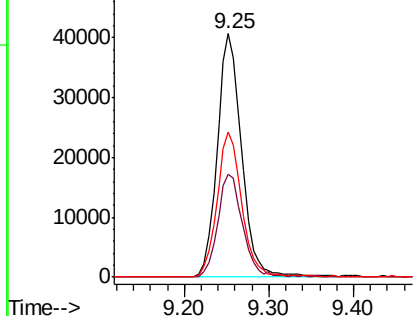


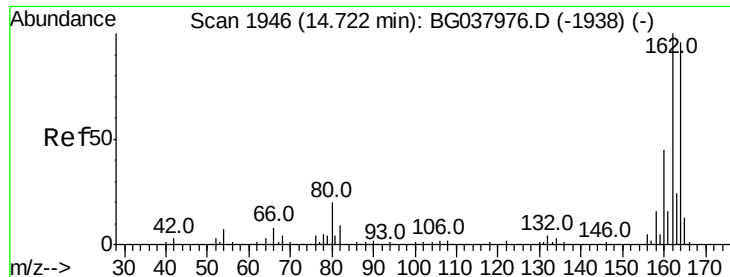
#23
Nitrobenzene-d5
Concen: 69.333 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG038312.D
Acq: 3 Dec 2018 22:58

Tgt Ion:	82	Resp:	81724
Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.6	51.8
54	59.5	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: 14.71 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG038312.D

Acq: 3 Dec 2018 22:58

Instrument :

BNA_G

ClientSampleId :

S3-0-0.5-BGS

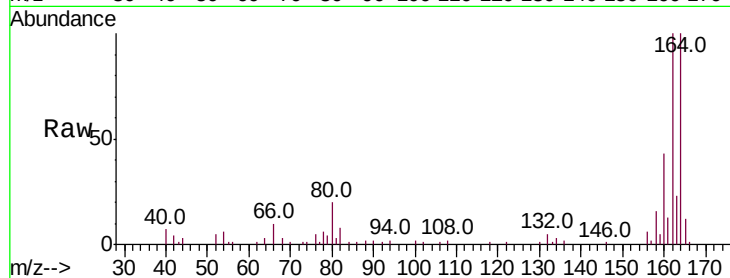
Tot Ion:164 Resp: 46646

Ion Ratio Lower Upper

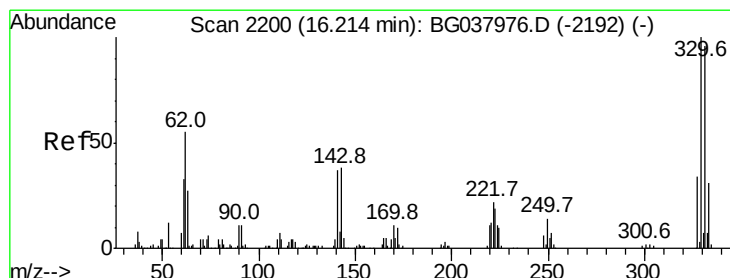
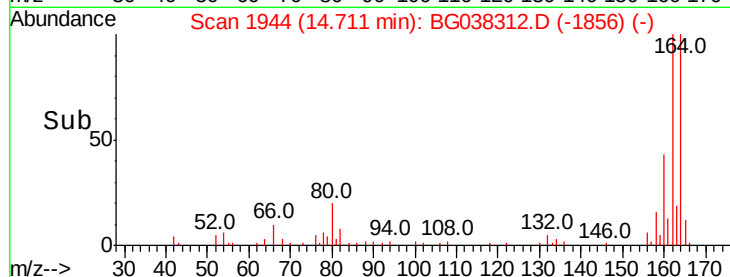
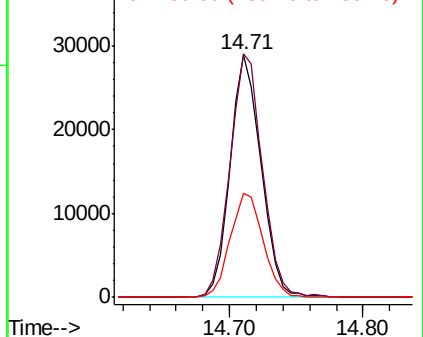
164 100

162 100.4 81.3 121.9

160 42.7 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: 147.271 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG038312.D

Acq: 3 Dec 2018 22:58

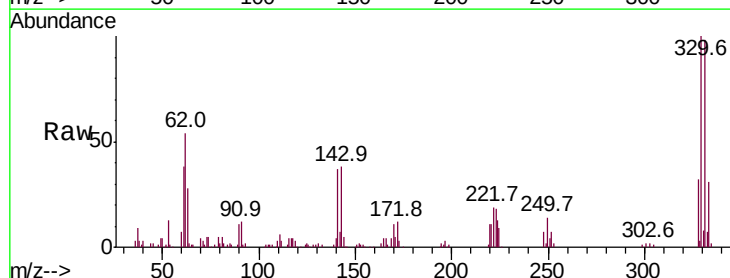
Tgt Ion:330 Resp: 78346

Ion Ratio Lower Upper

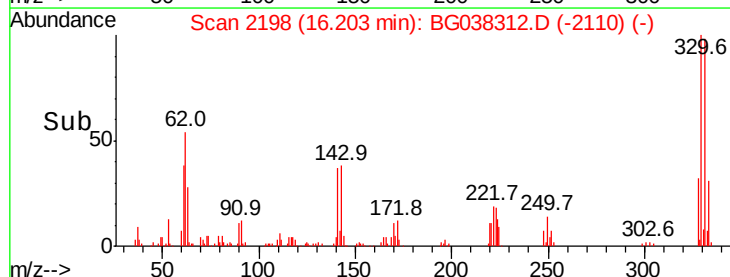
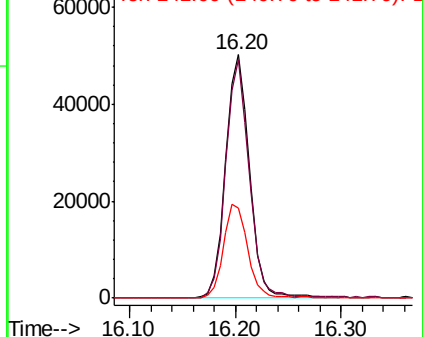
330 100

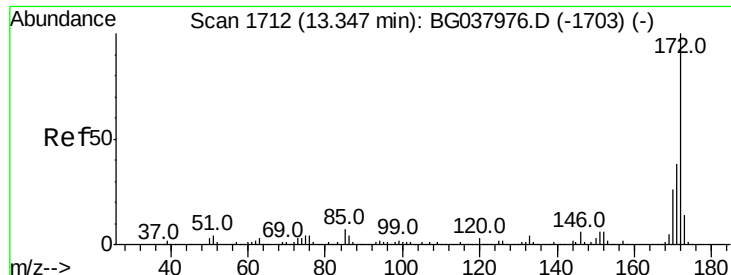
332 96.2 78.4 117.6

141 39.6 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

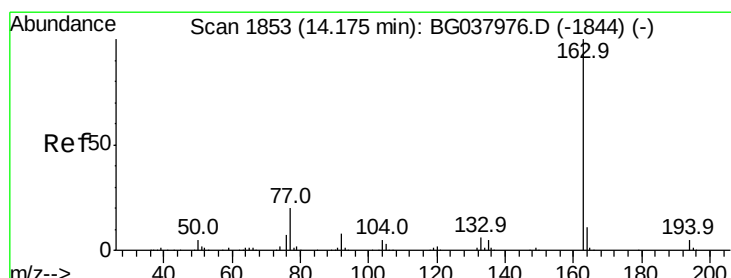
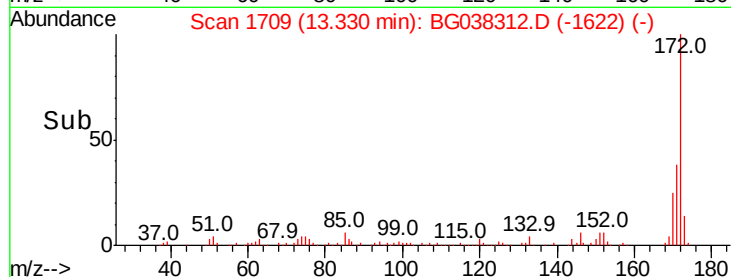
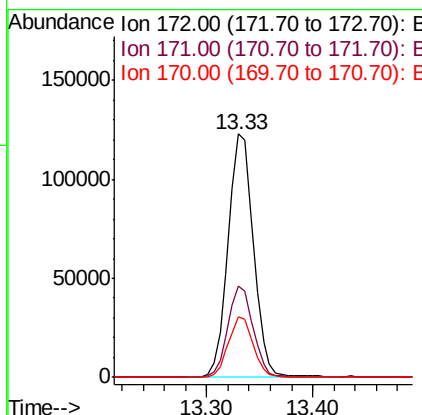
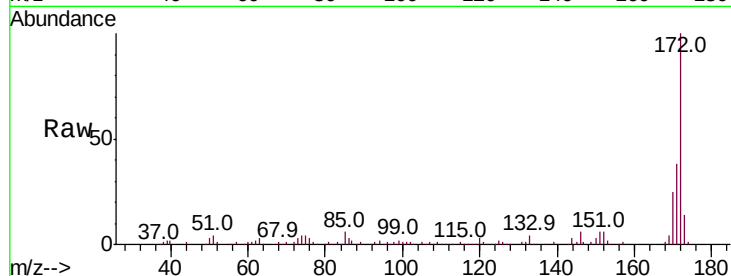




#45
 2-Fluorobiphenyl
 Concen: 63.796 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BG038312.D
 Acq: 3 Dec 2018 22:58

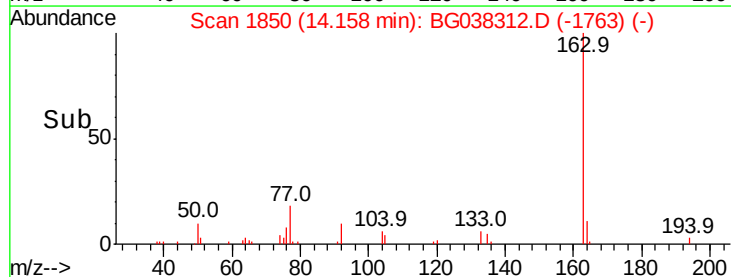
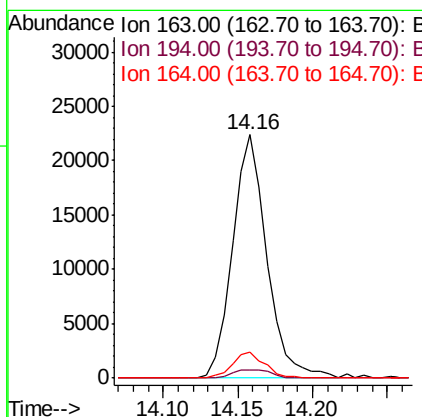
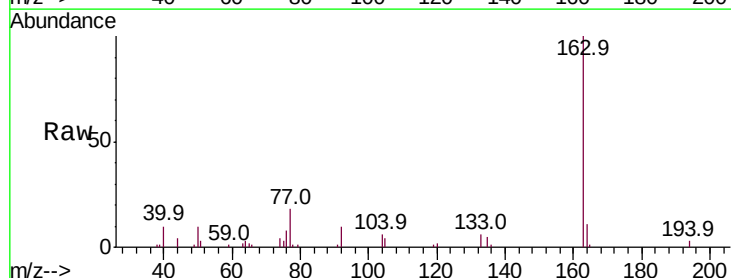
Instrument :
 BNA_G
 ClientSampleId :
 S3-0-0.5-BGS

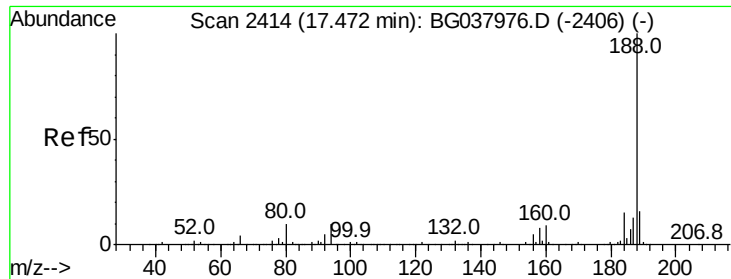
Tot Ion:172 Resp: 204266
 Ion Ratio Lower Upper
 172 100
 171 37.6 31.0 46.4
 170 24.6 20.2 30.2



#50
 Dimethylphthalate
 Concen: 9.633 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. -0.02 min
 Lab File: BG038312.D
 Acq: 3 Dec 2018 22:58

Tgt Ion:163 Resp: 35621
 Ion Ratio Lower Upper
 163 100
 194 3.4 3.5 5.3#
 164 10.6 8.5 12.7

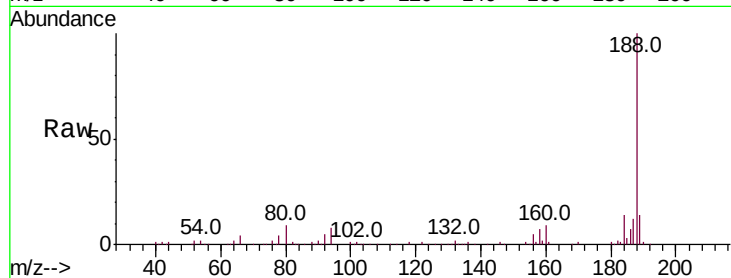




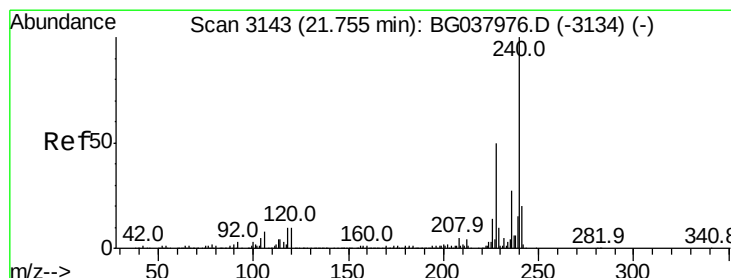
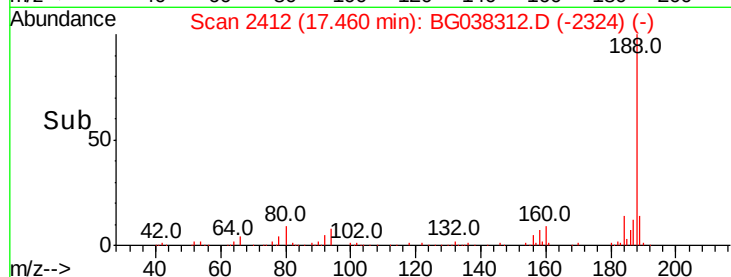
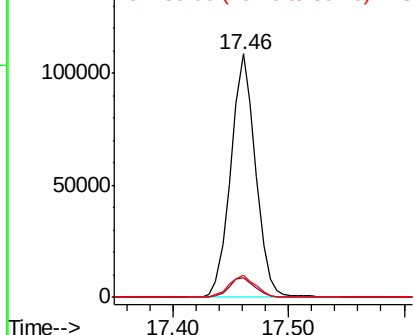
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG038312.D
Acq: 3 Dec 2018 22:58

Instrument :
BNA_G
ClientSampleId :
S3-0-0.5-BGS

Tot Ion:188 Resp: 161644
Ion Ratio Lower Upper
188 100
94 7.8 7.2 10.8
80 9.0 7.7 11.5

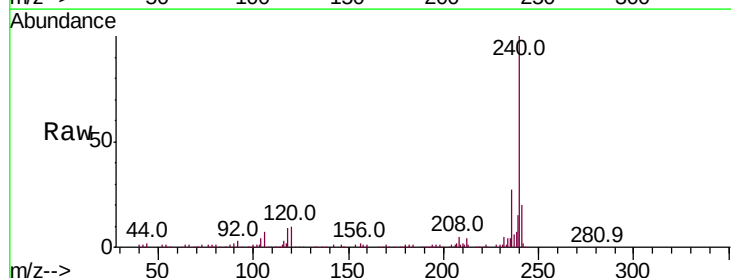


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

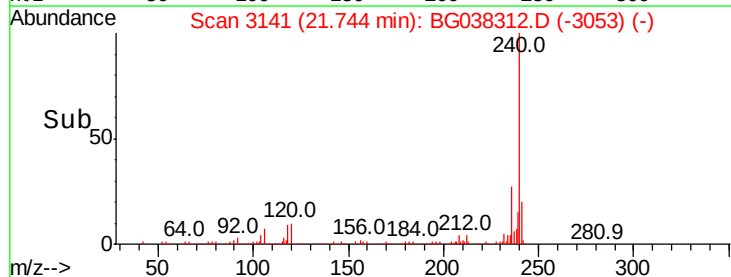
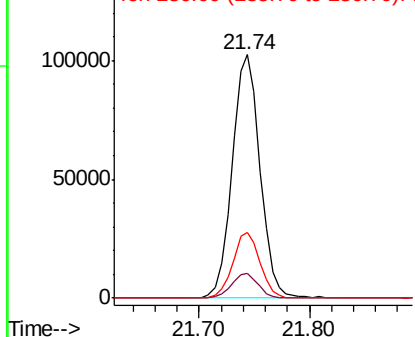


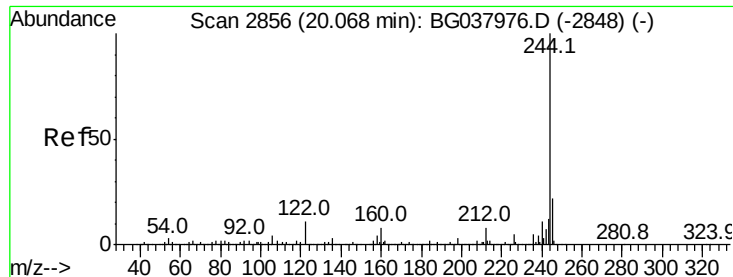
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG038312.D
Acq: 3 Dec 2018 22:58

Tgt Ion:240 Resp: 180805
Ion Ratio Lower Upper
240 100
120 9.9 8.1 12.1
236 26.9 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: 77.167 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038312.D

Acq: 3 Dec 2018 22:58

Instrument :

BNA_G

ClientSampleId :

S3-0-0.5-BGS

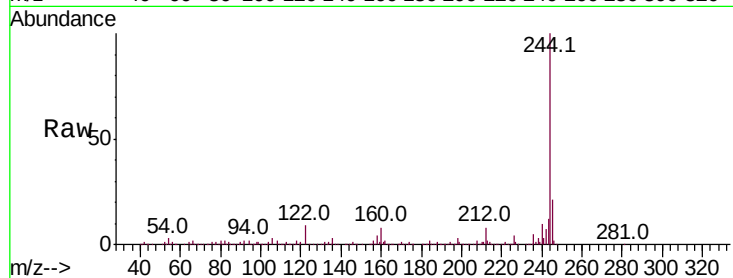
Tot Ion:244 Resp: 592952

Ion Ratio Lower Upper

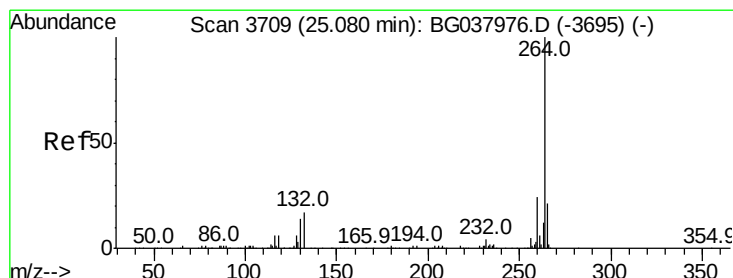
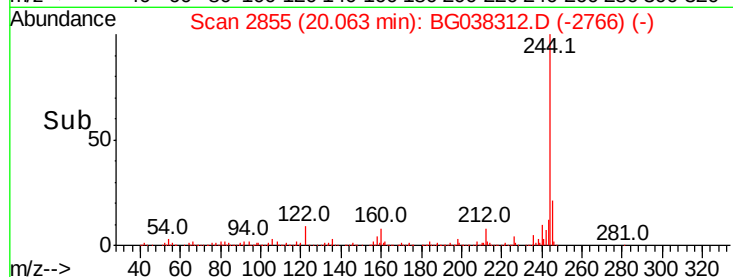
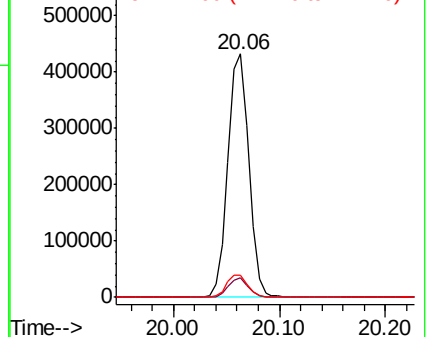
244 100

212 7.8 6.5 9.7

122 9.2 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: 25.07 min Scan# 3707

Delta R.T. -0.01 min

Lab File: BG038312.D

Acq: 3 Dec 2018 22:58

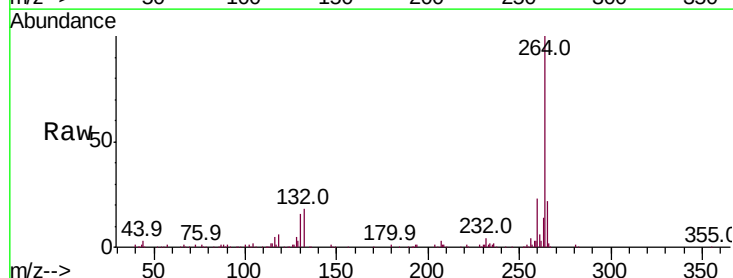
Tgt Ion:264 Resp: 213965

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.4

265 21.6 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

