

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
 Data File : BG038990.D
 Acq On : 8 Jan 2019 10:55
 Operator : JU/SJ
 Sample : K1034-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONTROL-HOUSE-WALL-1-1

Quant Time: Jan 08 11:40:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

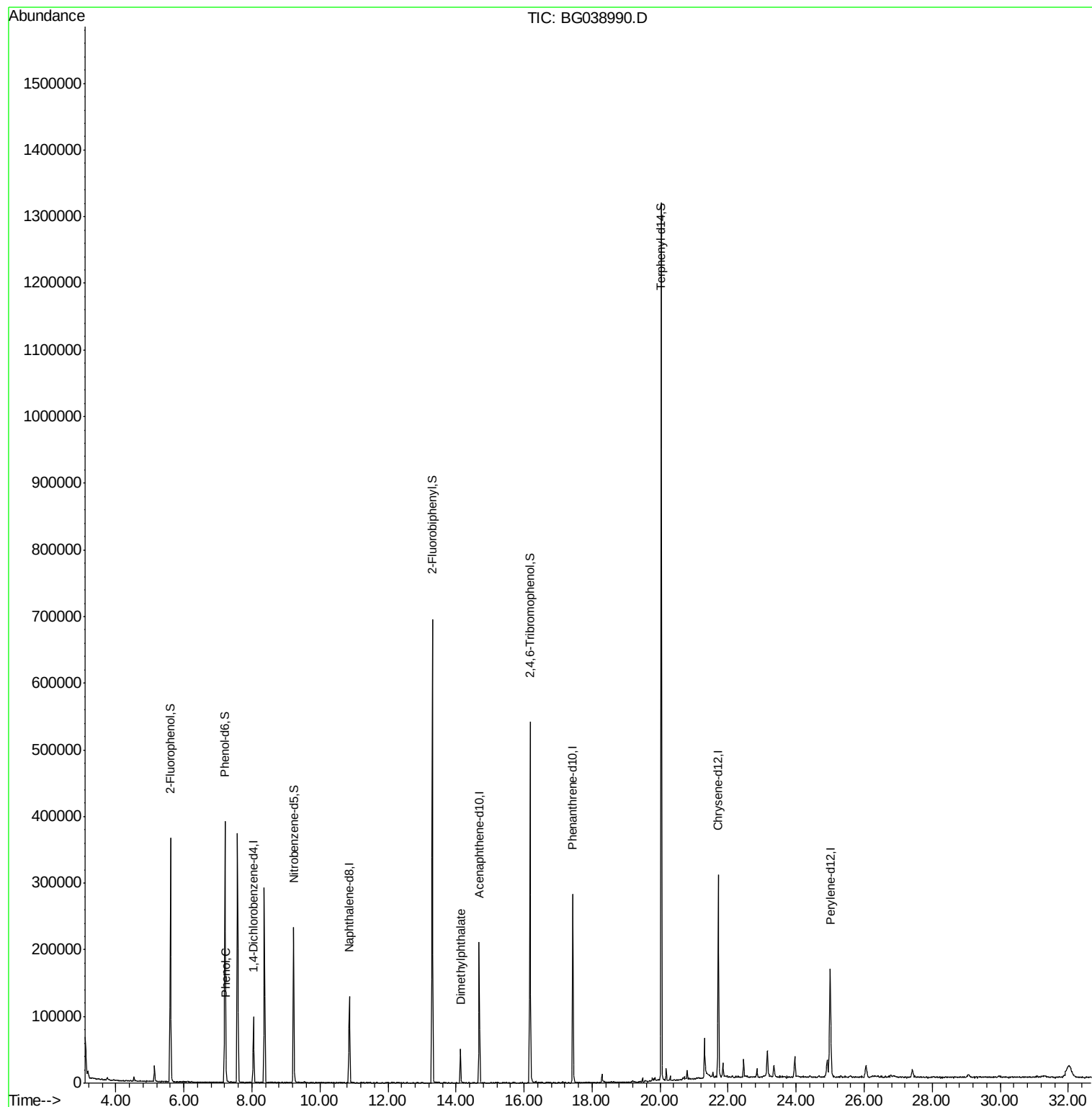
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	29116	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	117933	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	80645	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	195657	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	197560	20.00	ng	-0.02
87) Perylene-d12	25.00	264	204020	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	160499	97.77	ng	0.00
7) Phenol-d6	7.21	99	224030	99.41	ng	0.00
23) Nitrobenzene-d5	9.22	82	137142	59.41	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	119150	107.20	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	388176	66.03	ng	-0.02
79) Terphenyl-d14	20.03	244	677880	74.68	ng	-0.01
Target Compounds						
10) Phenol	7.24	94	6903	2.883	ng	95
50) Dimethylphthalate	14.13	163	37766	5.735	ng	99

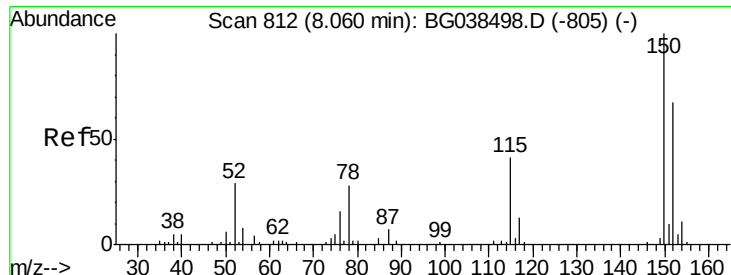
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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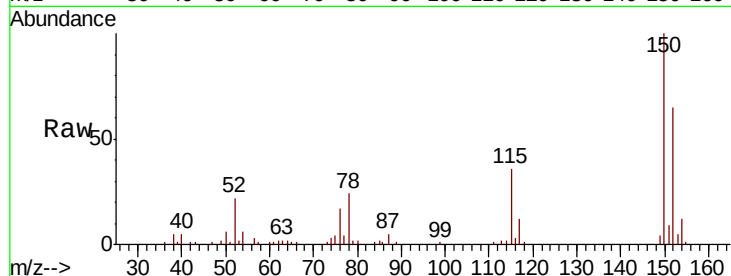


#1

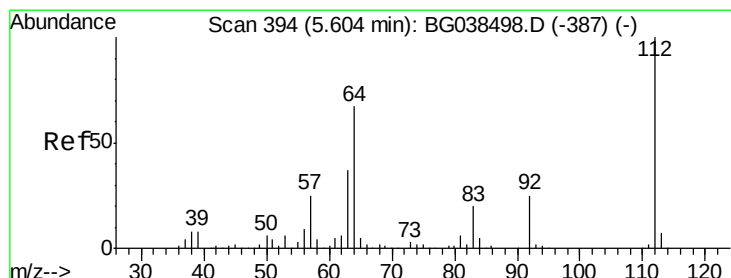
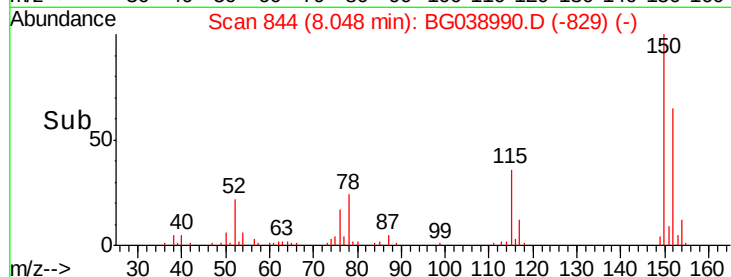
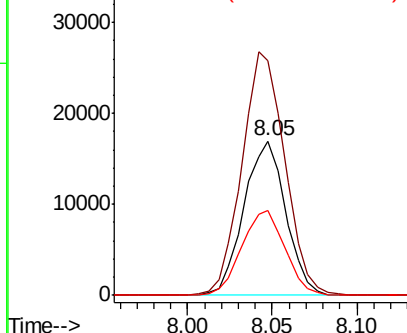
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038990.D
Acq: 8 Jan 2019 10:55

Instrument :
BNA_G
ClientSampleId :
CONTROL-HOUSE-WALL-1-1

Tot Ion:152 Resp: 29116
Ion Ratio Lower Upper
152 100
150 152.7 119.5 179.3
115 54.8 49.6 74.4



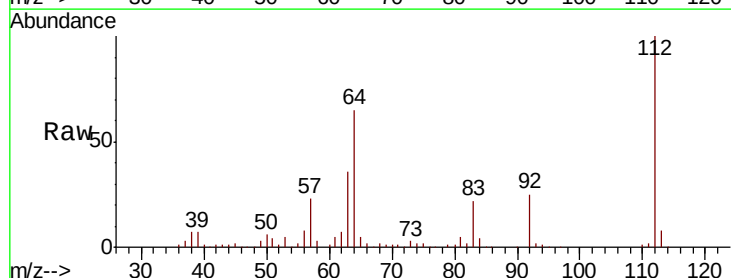
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



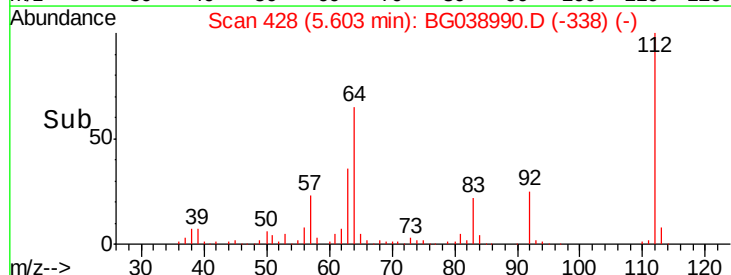
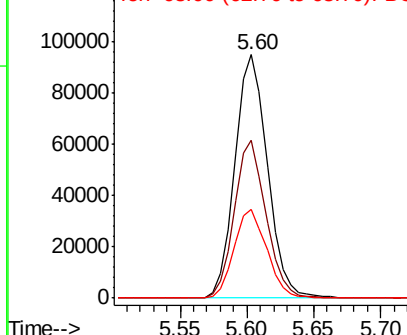
#5

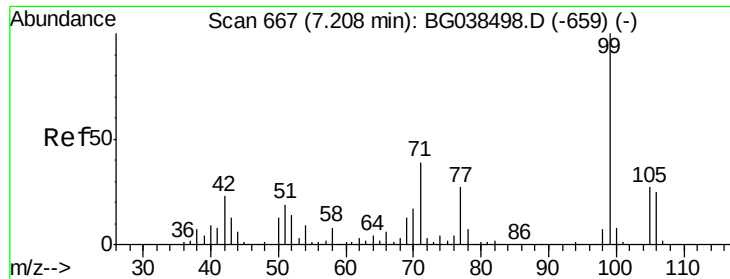
2-Fluorophenol
Concen: 97.771 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038990.D
Acq: 8 Jan 2019 10:55

Tgt Ion:112 Resp: 160499
Ion Ratio Lower Upper
112 100
64 64.9 53.4 80.2
63 36.3 29.3 43.9



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: 99.411 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038990.D

Acq: 8 Jan 2019 10:55

Instrument :

BNA_G

ClientSampleId :

CONTROL-HOUSE-WALL-1-1

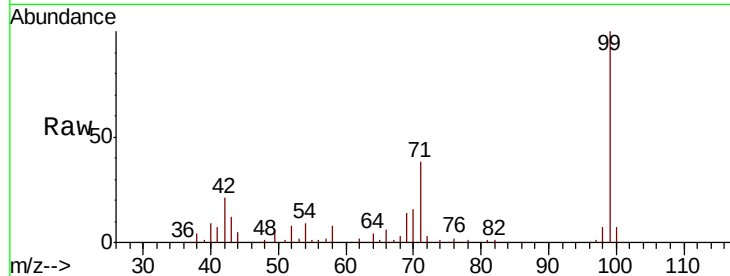
Tot Ion: 99 Resp: 224030

Ion Ratio Lower Upper

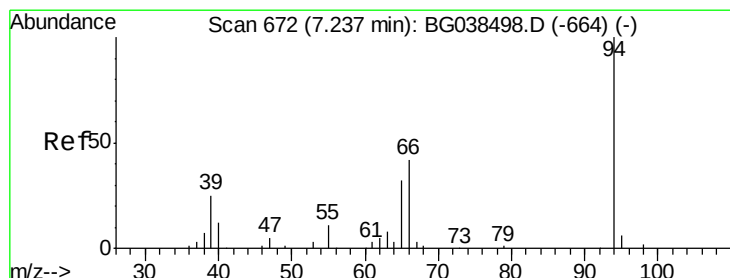
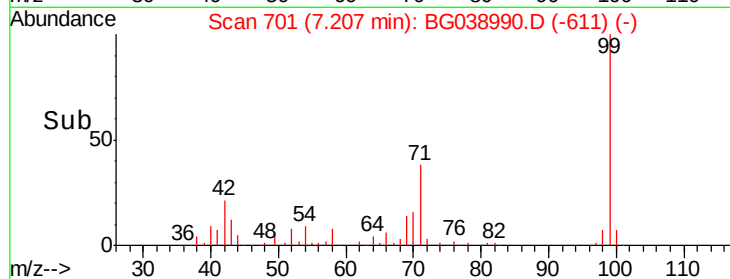
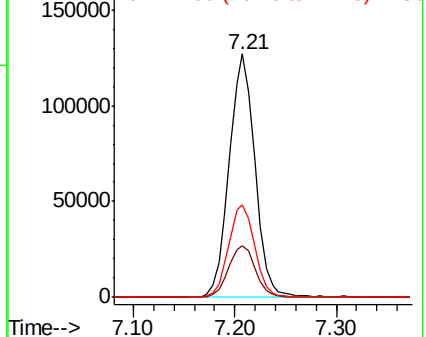
99 100

42 21.2 18.5 27.7

71 37.8 31.1 46.7



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: 2.883 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038990.D

Acq: 8 Jan 2019 10:55

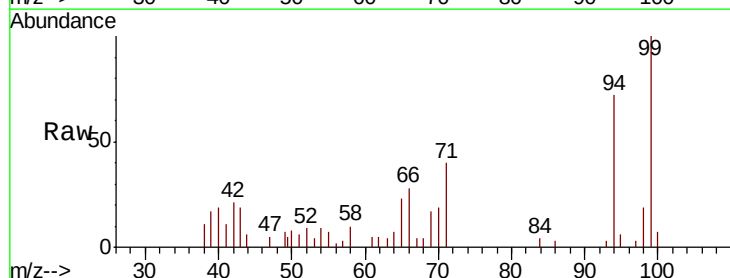
Tgt Ion: 94 Resp: 6903

Ion Ratio Lower Upper

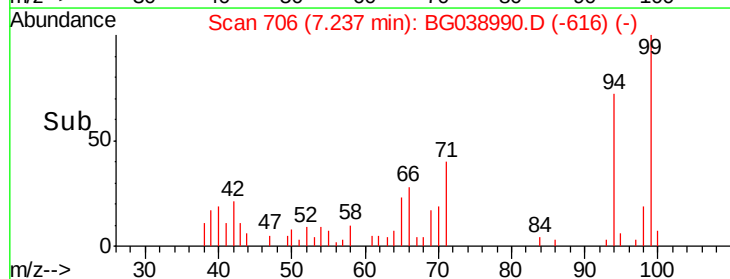
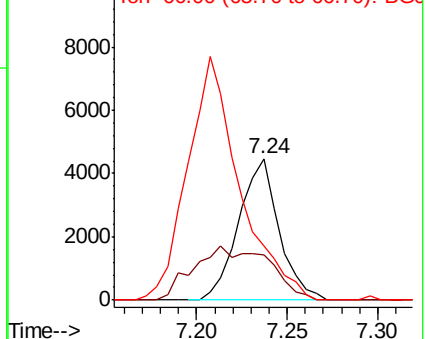
94 100

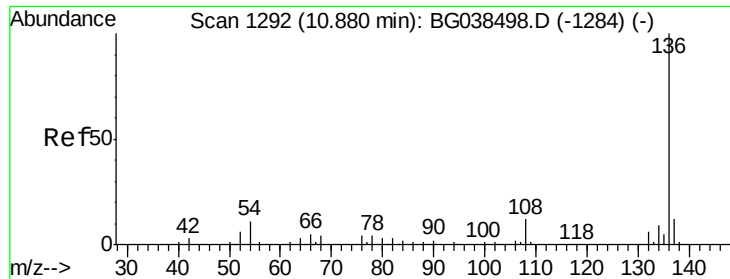
65 31.9 12.6 52.6

66 38.5 24.1 64.1



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

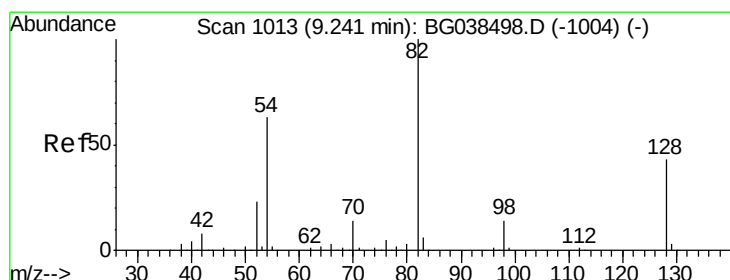
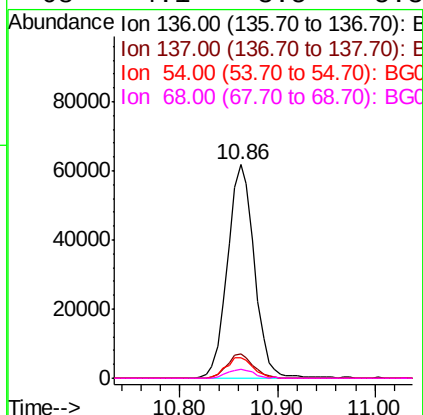
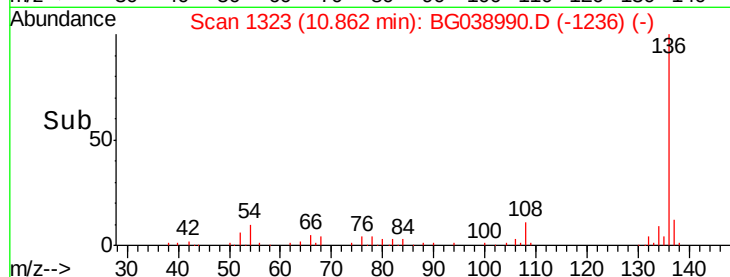
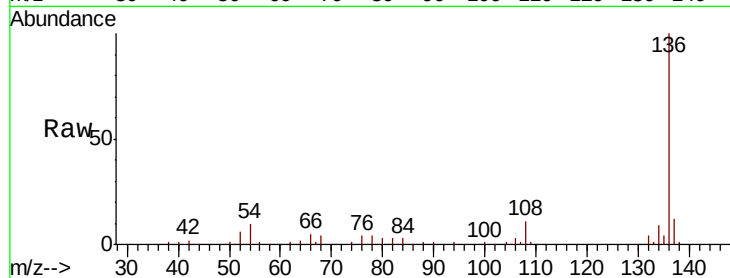




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038990.D
Acq: 8 Jan 2019 10:55

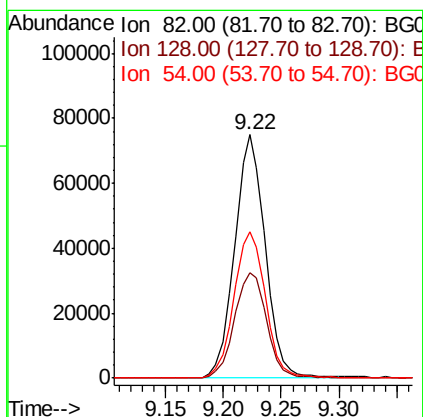
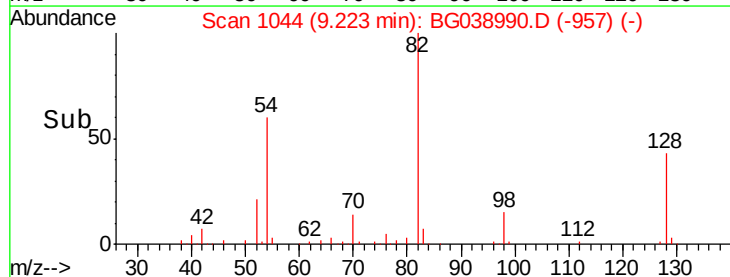
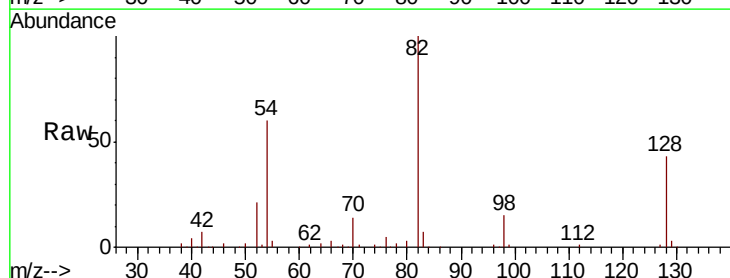
Instrument :
BNA_G
ClientSampleId :
CONTROL-HOUSE-WALL-1-1

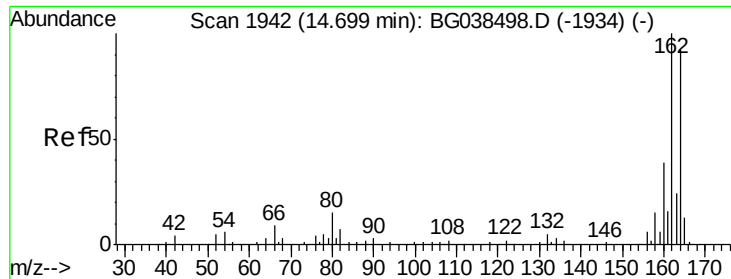
Tot Ion:136 Resp: 117933
Ion Ratio Lower Upper
136 100
137 11.5 9.3 13.9
54 9.6 8.5 12.7
68 4.1 3.5 5.3



#23
Nitrobenzene-d5
Concen: 59.408 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038990.D
Acq: 8 Jan 2019 10:55

Tgt Ion: 82 Resp: 137142
Ion Ratio Lower Upper
82 100
128 43.5 34.6 52.0
54 60.2 50.6 76.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG038990.D

Acq: 8 Jan 2019 10:55

Instrument :

BNA_G

ClientSampleId :

CONTROL-HOUSE-WALL-1-1

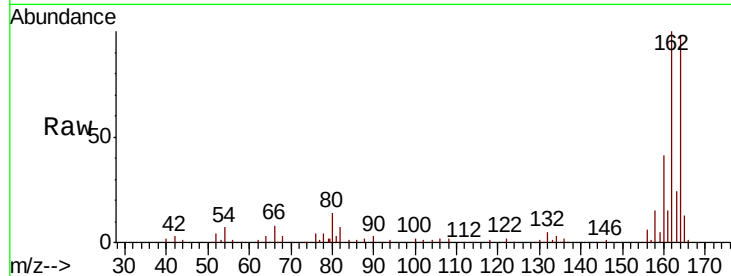
Tot Ion:164 Resp: 80645

Ion Ratio Lower Upper

164 100

162 101.7 86.6 130.0

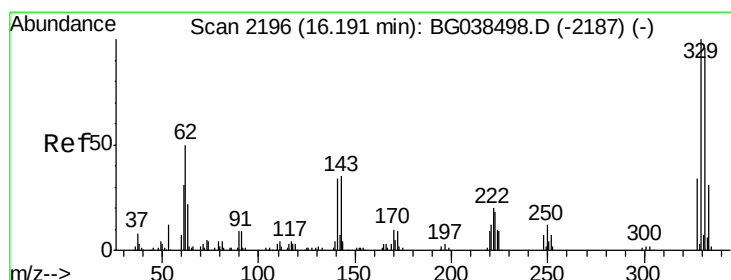
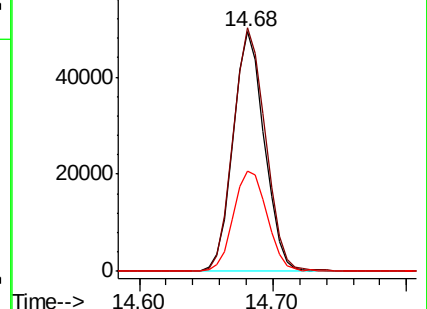
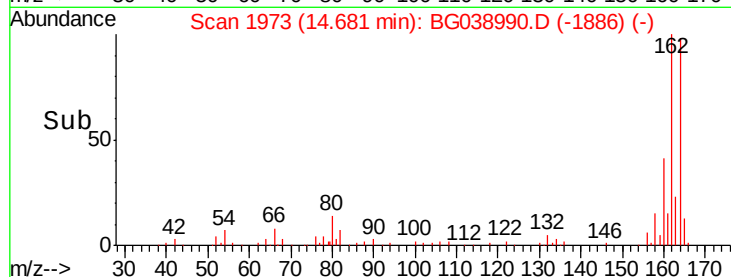
160 41.6 34.2 51.2



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: 107.204 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG038990.D

Acq: 8 Jan 2019 10:55

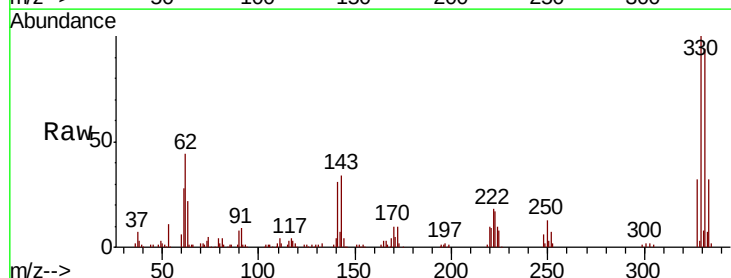
Tgt Ion:330 Resp: 119150

Ion Ratio Lower Upper

330 100

332 95.3 76.9 115.3

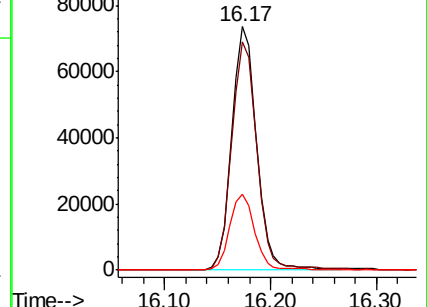
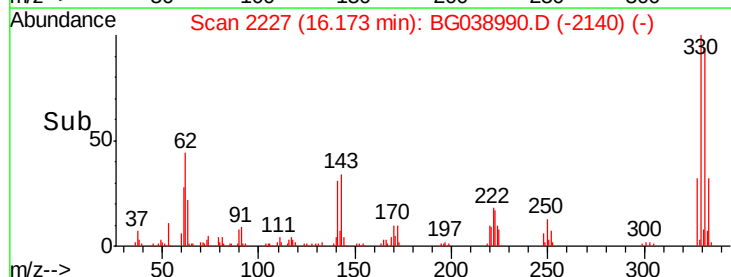
141 31.6 28.8 43.2

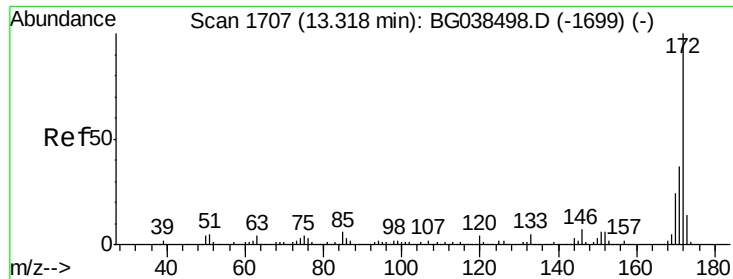


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

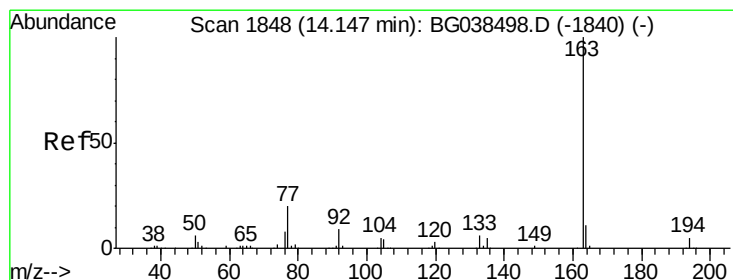
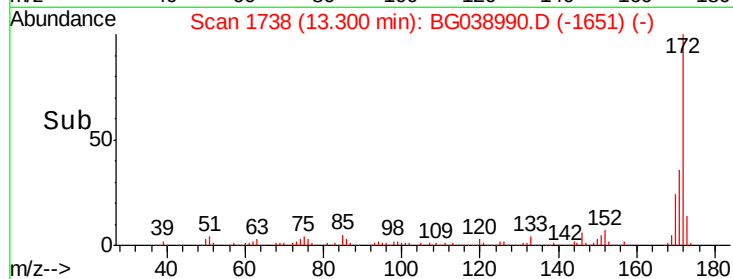
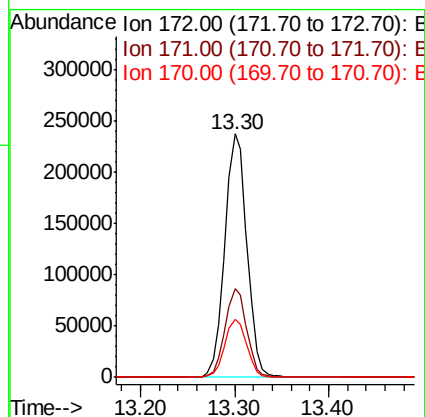
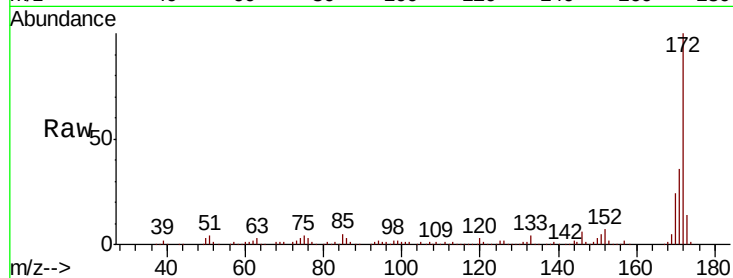




#45
2-Fluorobiphenyl
Concen: 66.032 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG038990.D
Acq: 8 Jan 2019 10:55

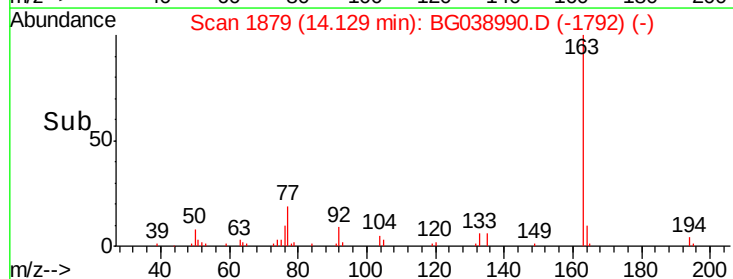
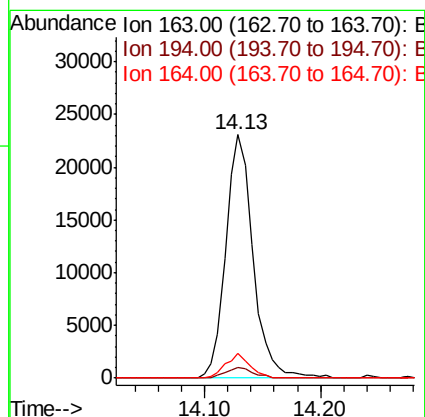
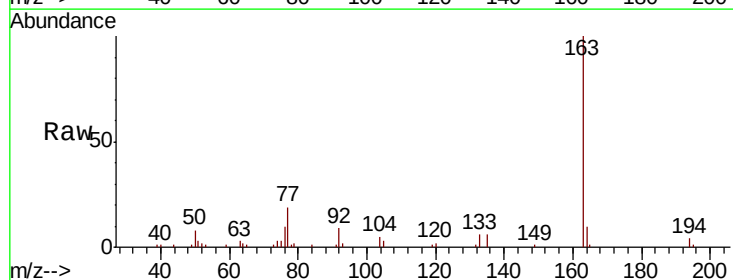
Instrument :
BNA_G
ClientSampleId :
CONTROL-HOUSE-WALL-1-1

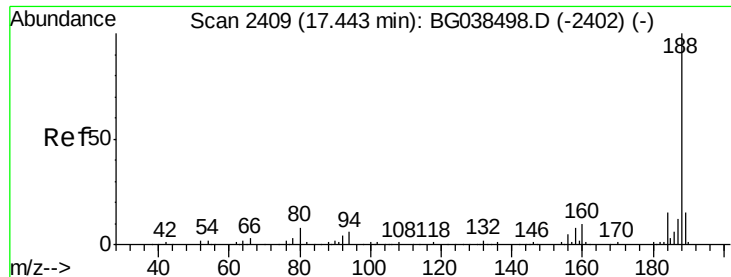
Tot Ion:172 Resp: 388176
Ion Ratio Lower Upper
172 100
171 36.3 29.8 44.6
170 23.7 19.5 29.3



#50
Dimethylphthalate
Concen: 5.735 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG038990.D
Acq: 8 Jan 2019 10:55

Tgt Ion:163 Resp: 37766
Ion Ratio Lower Upper
163 100
194 4.2 3.7 5.5
164 10.3 8.6 12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG038990.D

Acq: 8 Jan 2019 10:55

Instrument :

BNA_G

ClientSampleId :

CONTROL-HOUSE-WALL-1-1

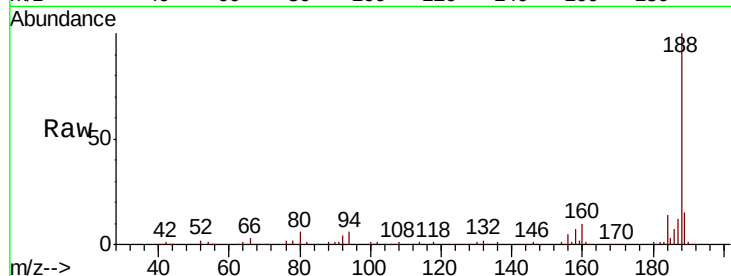
Tot Ion:188 Resp: 195657

Ion Ratio Lower Upper

188 100

94 5.8 5.1 7.7

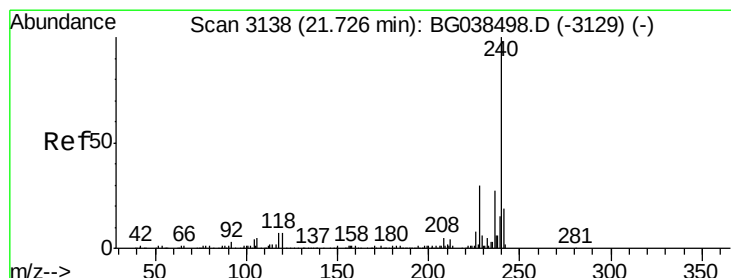
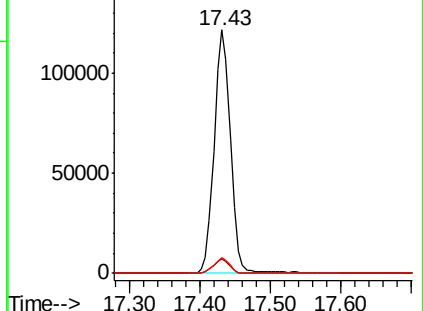
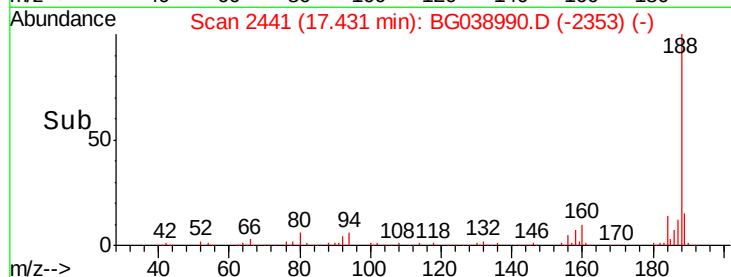
80 6.4 6.1 9.1



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: 21.71 min Scan# 3169

Delta R.T. -0.02 min

Lab File: BG038990.D

Acq: 8 Jan 2019 10:55

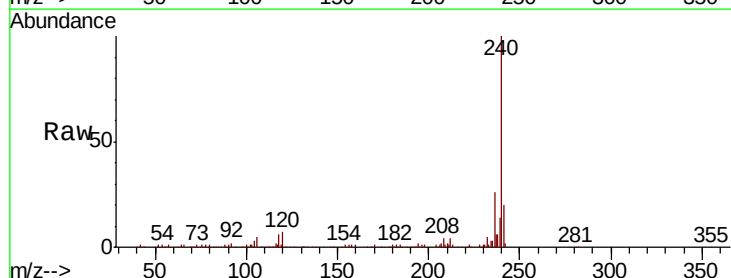
Tgt Ion:240 Resp: 197560

Ion Ratio Lower Upper

240 100

120 6.9 5.3 7.9

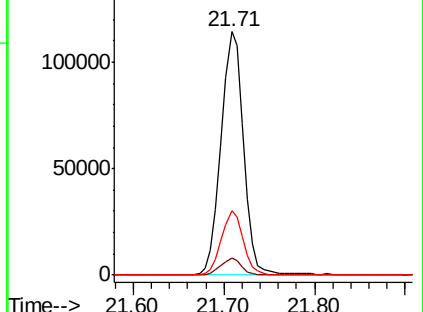
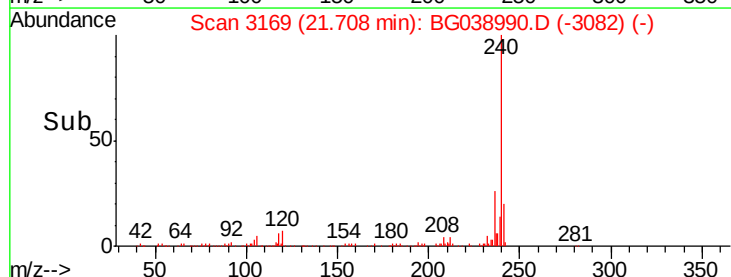
236 26.3 21.4 32.2

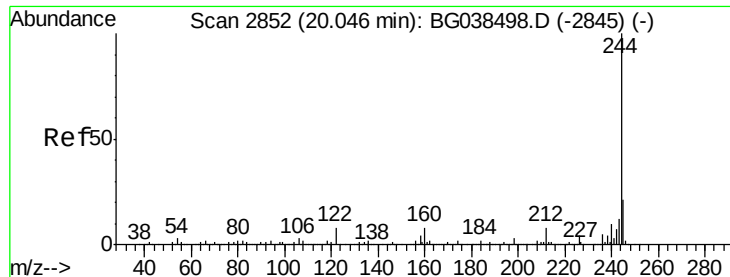


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 74.676 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038990.D

Acq: 8 Jan 2019 10:55

Instrument :

BNA_G

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CONTROL-HOUSE-WALL-1-1

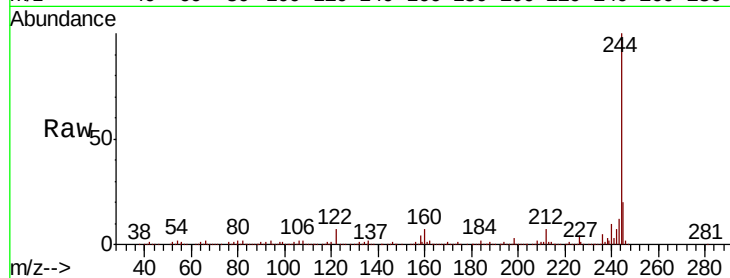
Tot Ion:244 Resp: 677880

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

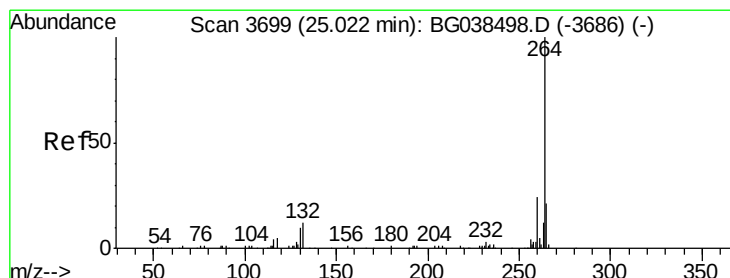
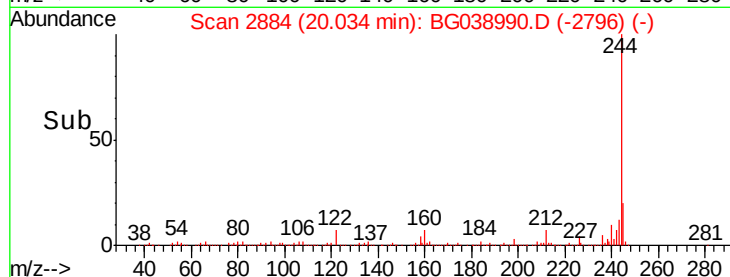
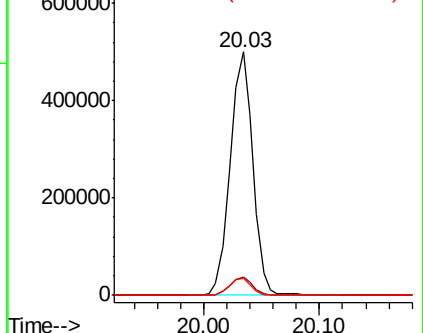
122 6.9 6.3 9.5



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: 25.00 min Scan# 3729

Delta R.T. -0.02 min

Lab File: BG038990.D

Acq: 8 Jan 2019 10:55

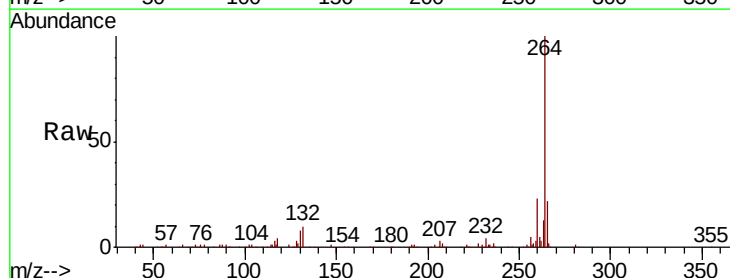
Tgt Ion:264 Resp: 204020

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 22.4 17.0 25.4



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

