

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
 Data File : BG038671.D
 Acq On : 17 Dec 2018 20:21
 Operator : JU/SJ
 Sample : J6347-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SD001-0612-01

Quant Time: Dec 18 03:37:34 2018
 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

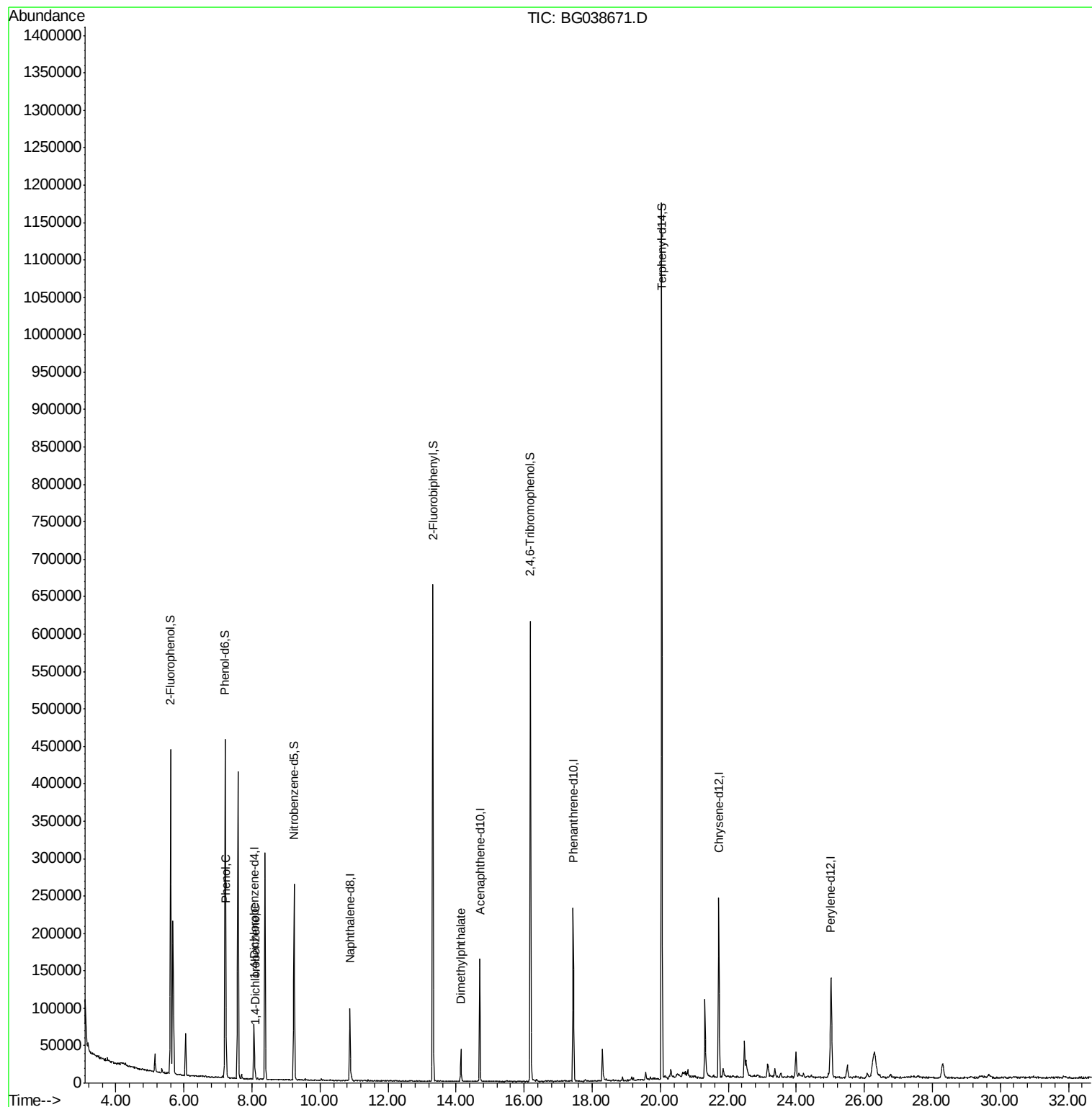
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	20608	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	85811	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	57786	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	150904	20.00	ng	0.00
76) Chrysene-d12	21.72	240	149094	20.00	ng	0.00
87) Perylene-d12	25.02	264	163461	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	175946	151.43	ng	0.00
7) Phenol-d6	7.21	99	236975	148.57	ng	0.00
23) Nitrobenzene-d5	9.24	82	155965	92.85	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	117309	147.30	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	348965	82.84	ng	0.00
79) Terphenyl-d14	20.04	244	571244	83.38	ng	0.00
Target Compounds						
10) Phenol	7.23	94	14196	8.377	ng	90
13) 1,4-Dichlorobenzene	8.09	146	3854	2.367	ng	91
50) Dimethylphthalate	14.14	163	30177	6.395	ng	97

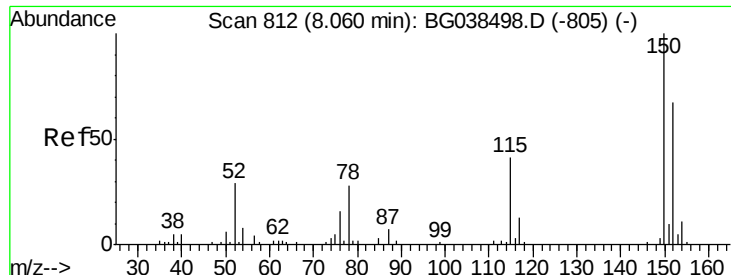
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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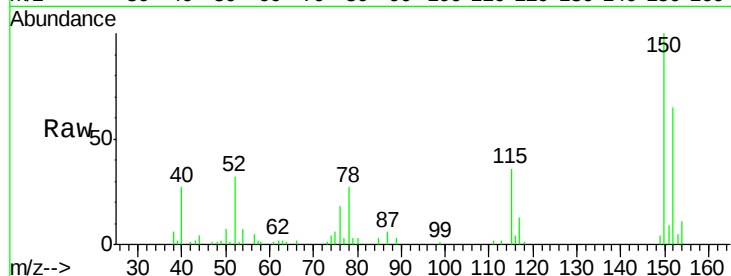


#1

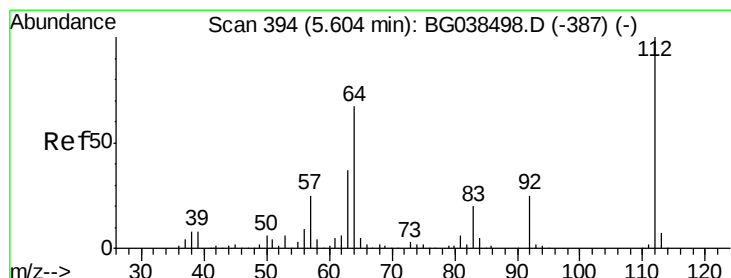
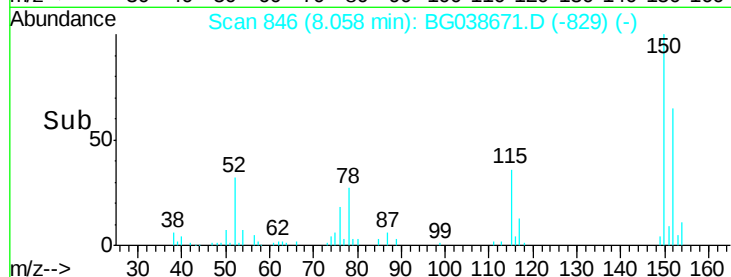
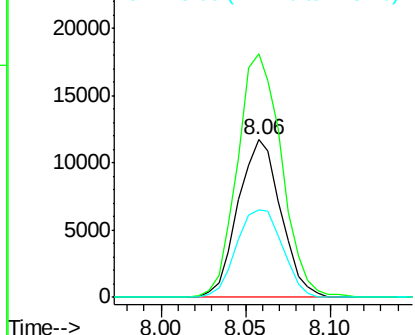
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038671.D
Acq: 17 Dec 2018 20:21

Instrument :
BNA_G
ClientSampleId :
P001-SD001-0612-01

Tgt Ion:152 Resp: 20608
Ion Ratio Lower Upper
152 100
150 154.6 119.5 179.3
115 55.5 49.6 74.4



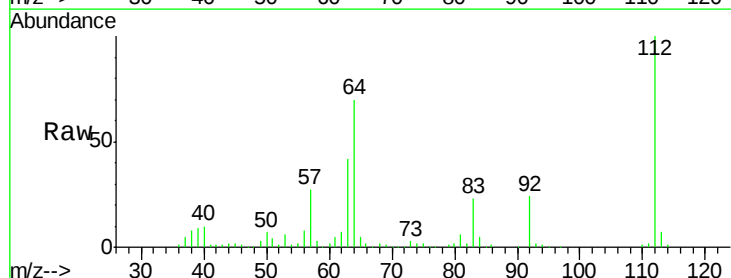
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



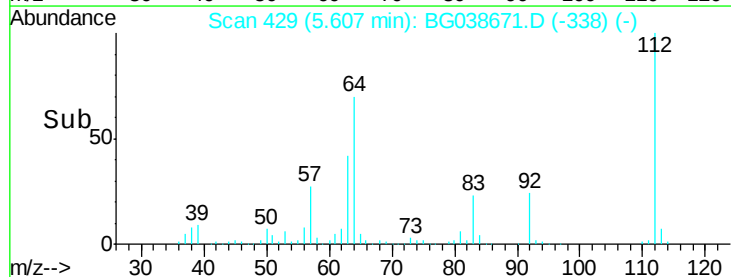
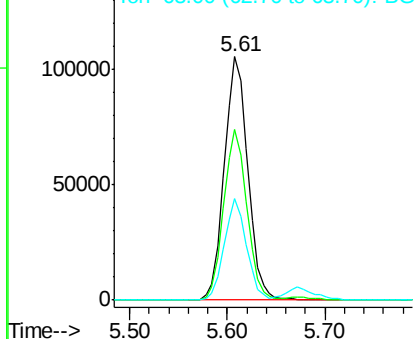
#5

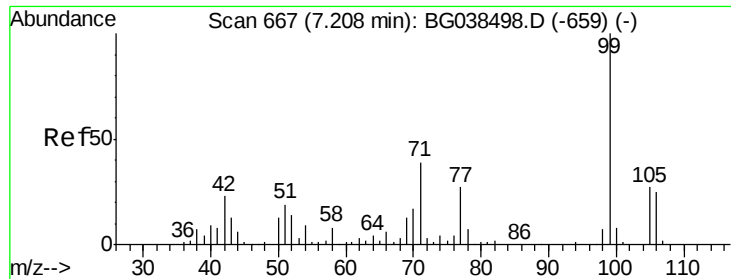
2-Fluorophenol
Concen: 151.430 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG038671.D
Acq: 17 Dec 2018 20:21

Tgt Ion:112 Resp: 175946
Ion Ratio Lower Upper
112 100
64 69.8 53.4 80.2
63 41.9 29.3 43.9



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: 148.568 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038671.D

Acq: 17 Dec 2018 20:21

Instrument :

BNA_G

ClientSampleId :

P001-SD001-0612-01

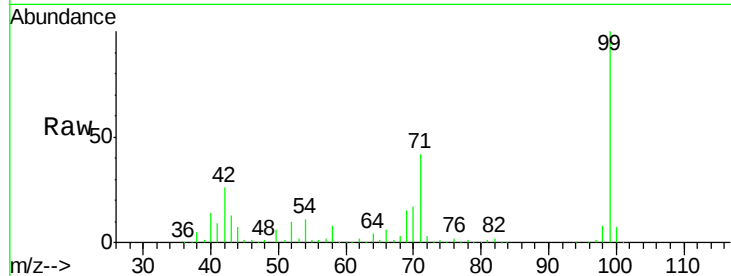
Tgt Ion: 99 Resp: 236975

Ion Ratio Lower Upper

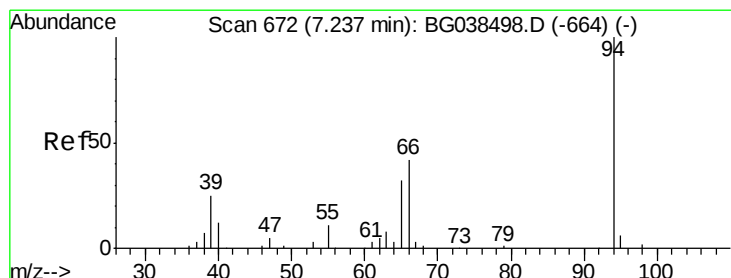
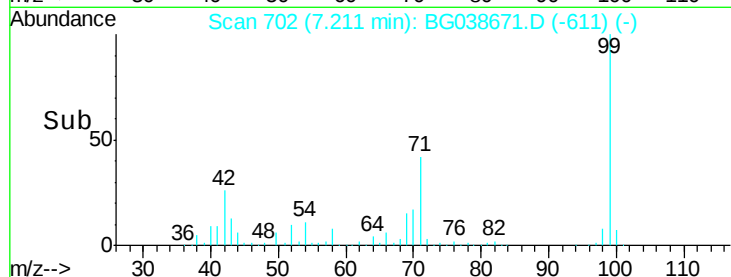
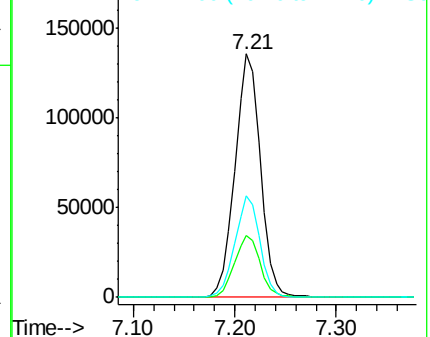
99 100

42 25.5 18.5 27.7

71 41.8 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: 8.377 ng

RT: 7.23 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038671.D

Acq: 17 Dec 2018 20:21

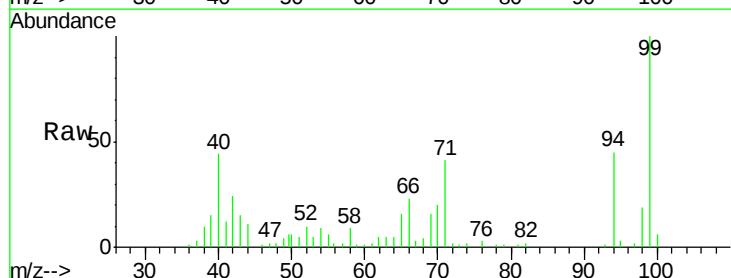
Tgt Ion: 94 Resp: 14196

Ion Ratio Lower Upper

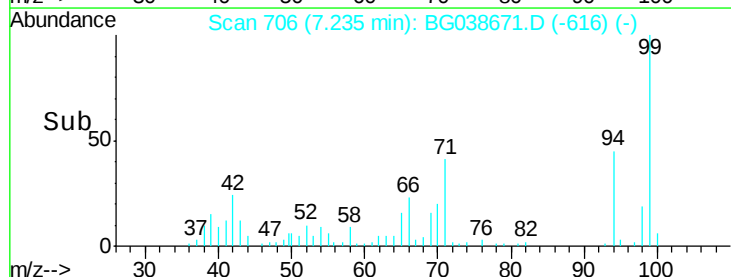
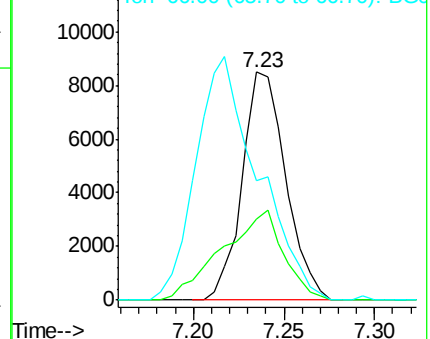
94 100

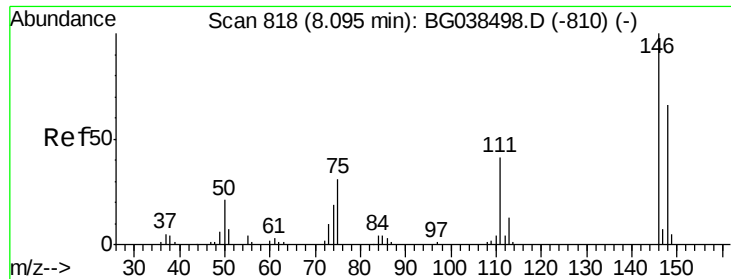
65 35.7 12.6 52.6

66 52.2 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

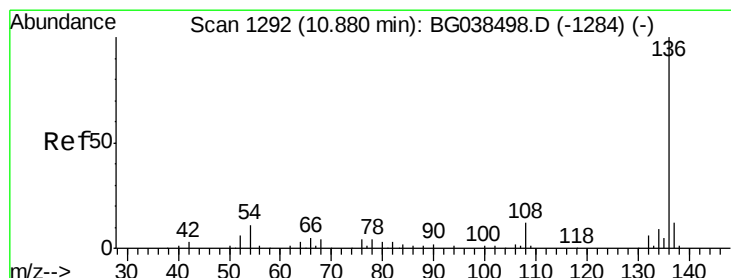
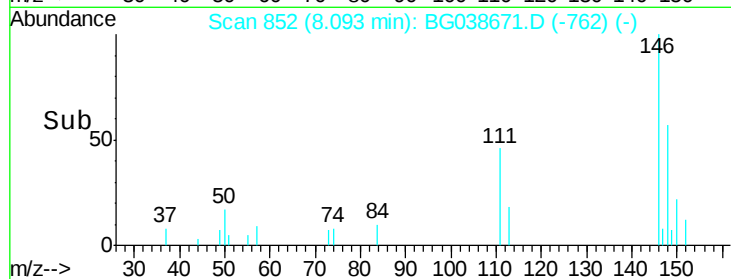
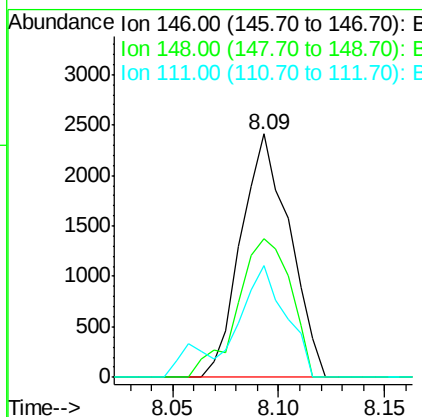
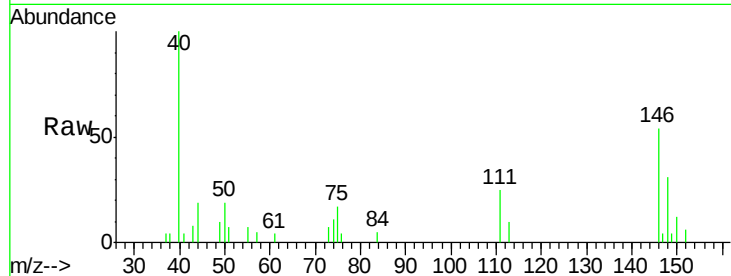




#13
 1,4-Dichlorobenzene
 Concen: 2.367 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG038671.D
 Acq: 17 Dec 2018 20:21

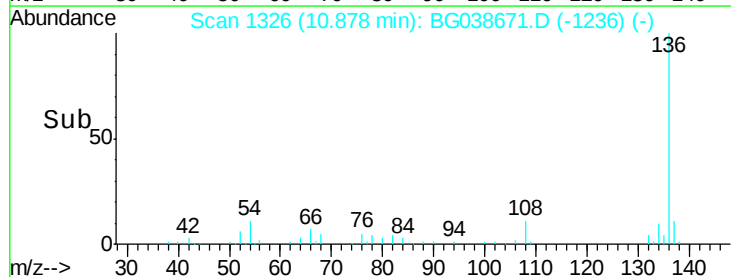
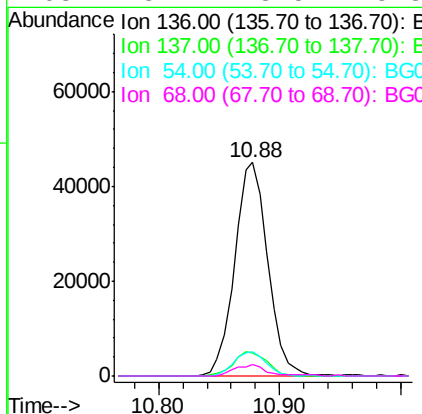
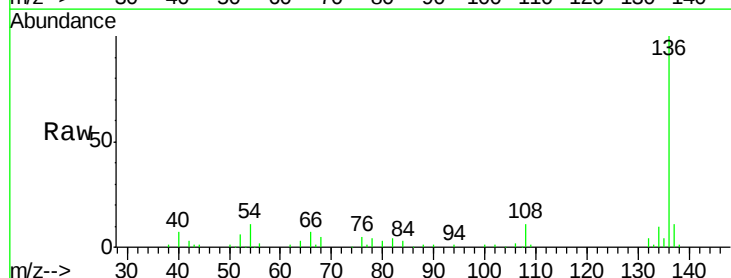
Instrument :
 BNA_G
 ClientSampleId :
 P001-SD001-0612-01

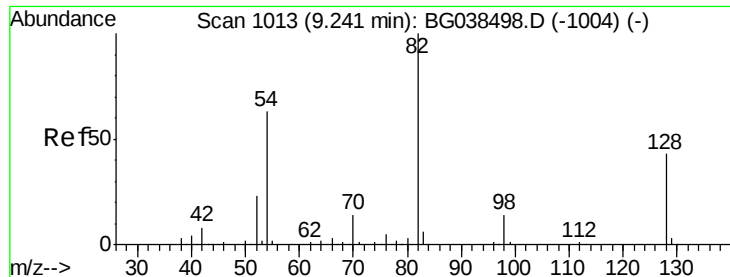
Tgt Ion:146 Resp: 3854
 Ion Ratio Lower Upper
 146 100
 148 57.1 52.4 78.6
 111 45.9 33.0 49.4



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.88 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BG038671.D
 Acq: 17 Dec 2018 20:21

Tgt Ion:136 Resp: 85811
 Ion Ratio Lower Upper
 136 100
 137 11.1 9.3 13.9
 54 11.5 8.5 12.7
 68 5.2 3.5 5.3

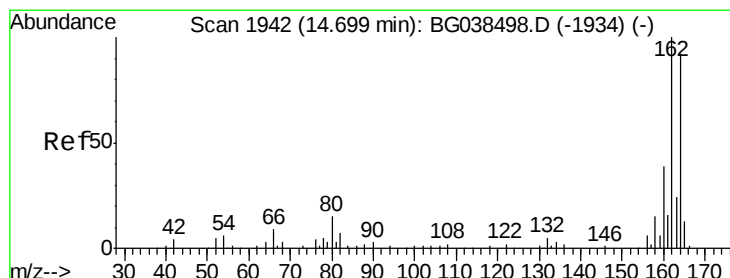
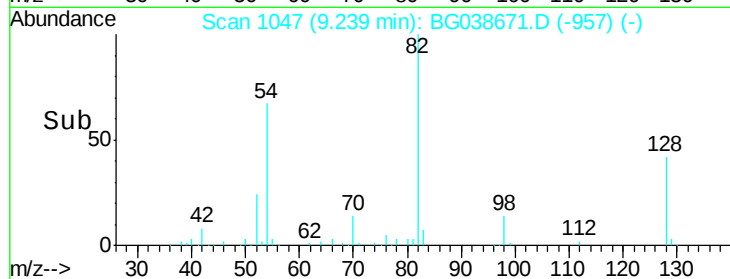
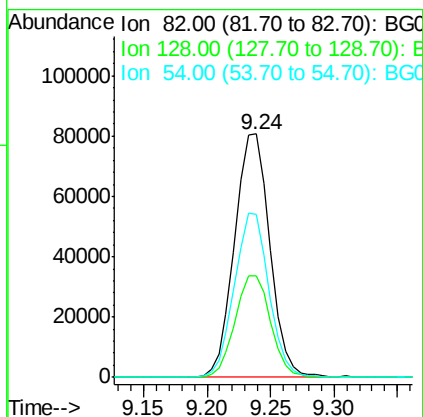
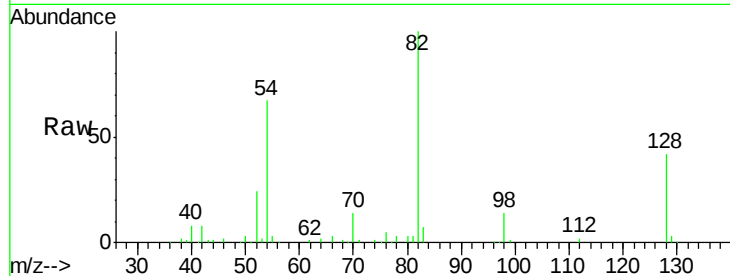




#23
Nitrobenzene-d5
Concen: 92.853 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038671.D
Acq: 17 Dec 2018 20:21

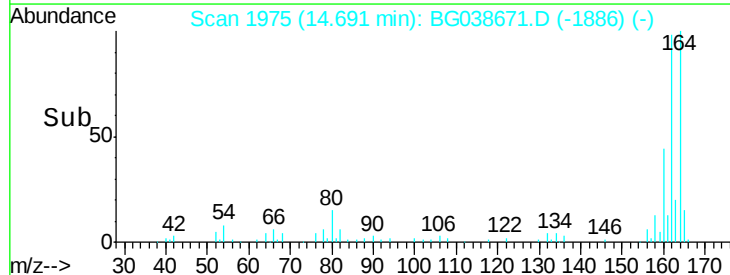
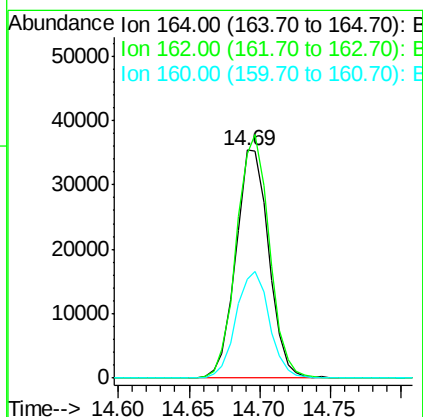
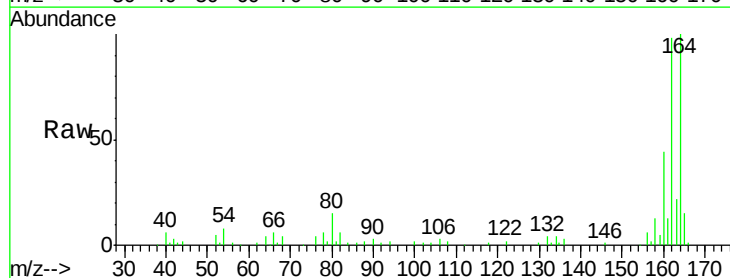
Instrument :
BNA_G
ClientSampleId :
P001-SD001-0612-01

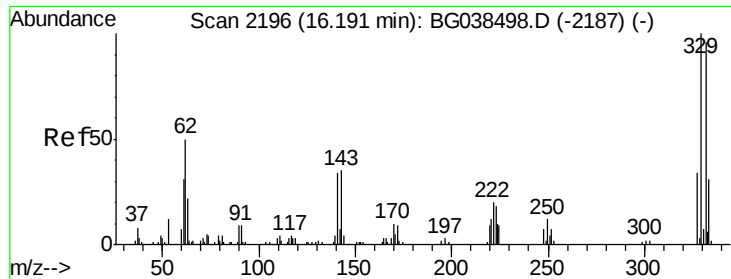
Tgt Ion: 82 Resp: 155965
Ion Ratio Lower Upper
82 100
128 41.8 34.6 52.0
54 67.0 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038671.D
Acq: 17 Dec 2018 20:21

Tgt Ion: 164 Resp: 57786
Ion Ratio Lower Upper
164 100
162 98.4 86.6 130.0
160 43.6 34.2 51.2

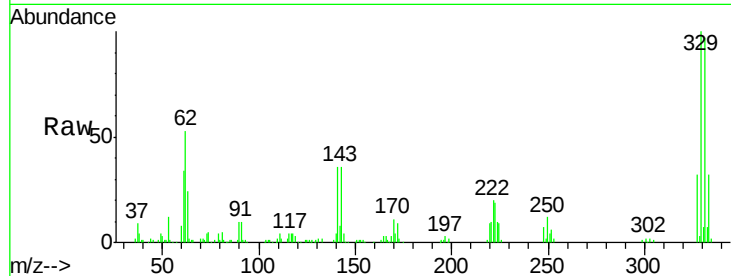




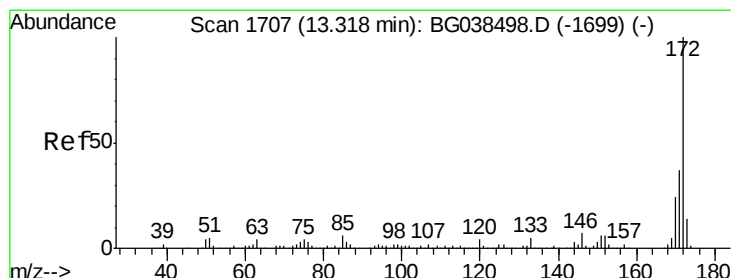
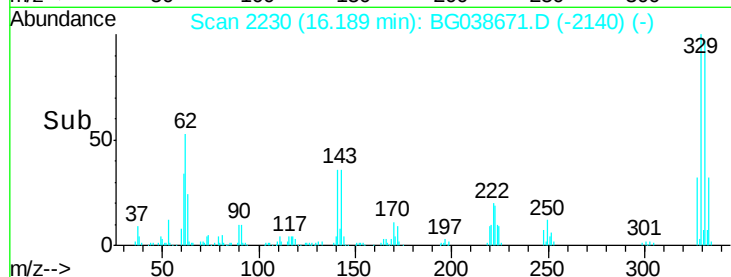
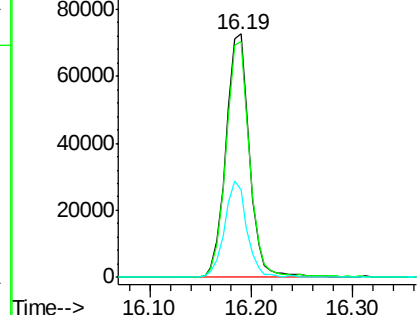
#42
 2,4,6-Tribromophenol
 Concen: 147.300 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BG038671.D
 Acq: 17 Dec 2018 20:21

Instrument :
 BNA_G
 ClientSampleId :
 P001-SD001-0612-01

Tgt Ion:330 Resp: 117309
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.9 115.3
 141 37.5 28.8 43.2

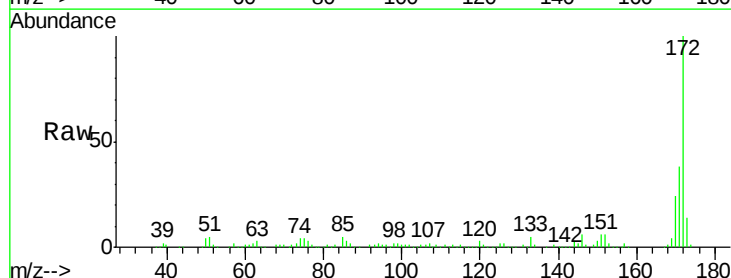


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

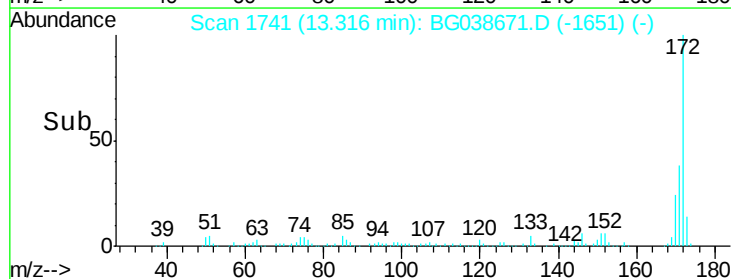
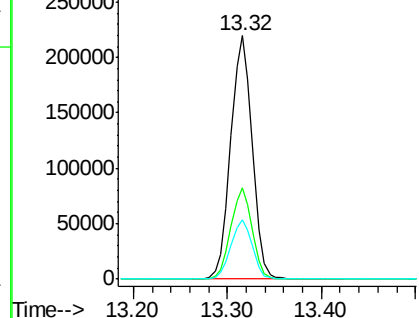


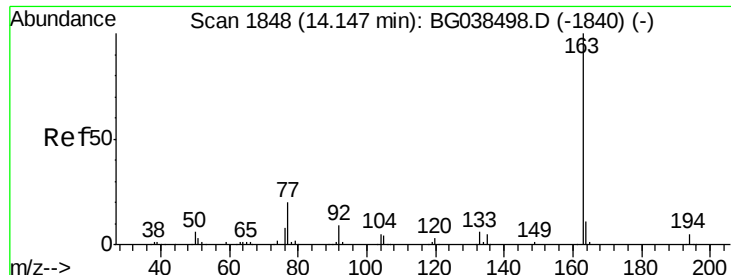
#45
 2-Fluorobiphenyl
 Concen: 82.845 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038671.D
 Acq: 17 Dec 2018 20:21

Tgt Ion:172 Resp: 348965
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.8 44.6
 170 24.3 19.5 29.3



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





#50

Dimethylphthalate

Concen: 6.395 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG038671.D

Acq: 17 Dec 2018 20:21

Instrument :

BNA_G

ClientSampleId :

P001-SD001-0612-01

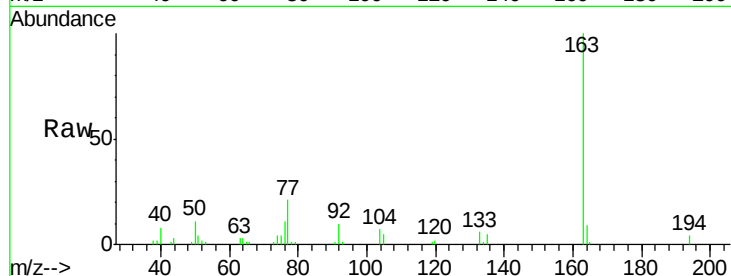
Tgt Ion:163 Resp: 30177

Ion Ratio Lower Upper

163 100

194 4.2 3.7 5.5

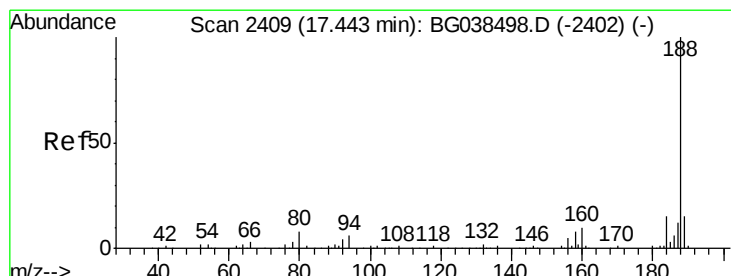
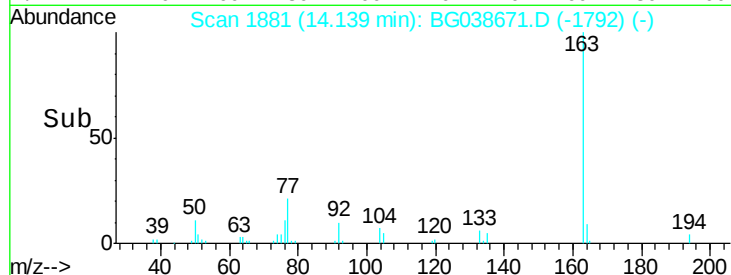
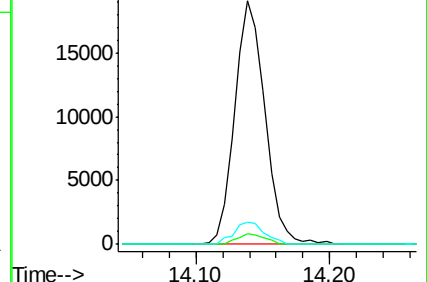
164 9.3 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG038671.D

Acq: 17 Dec 2018 20:21

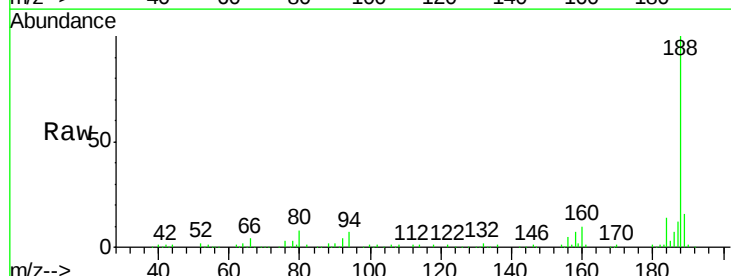
Tgt Ion:188 Resp: 150904

Ion Ratio Lower Upper

188 100

94 7.2 5.1 7.7

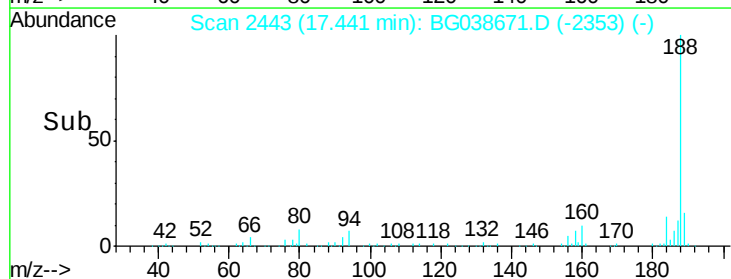
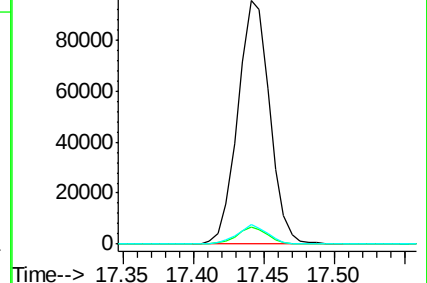
80 7.8 6.1 9.1

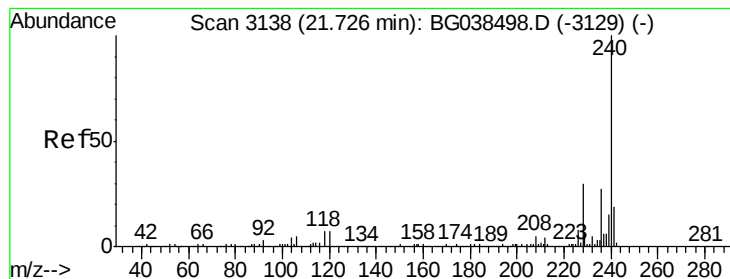


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3172

Delta R.T. -0.00 min

Lab File: BG038671.D

Acq: 17 Dec 2018 20:21

Instrument :

BNA_G

ClientSampleId :

P001-SD001-0612-01

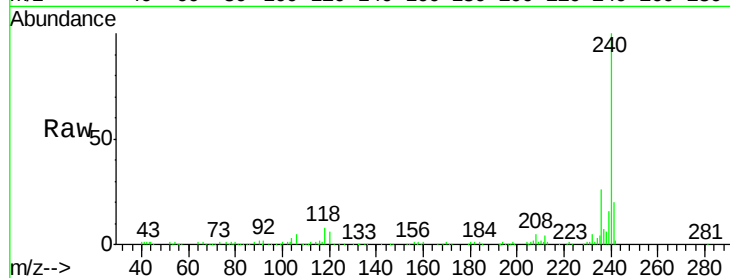
Tgt Ion:240 Resp: 149094

Ion Ratio Lower Upper

240 100

120 6.4 5.3 7.9

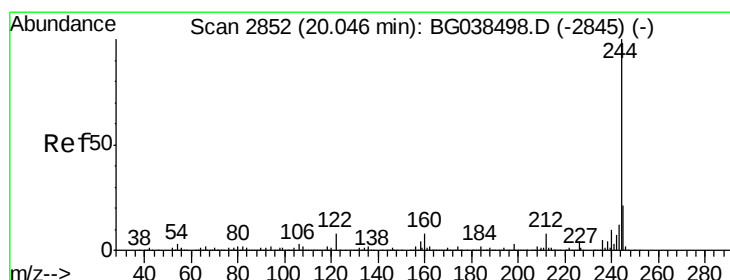
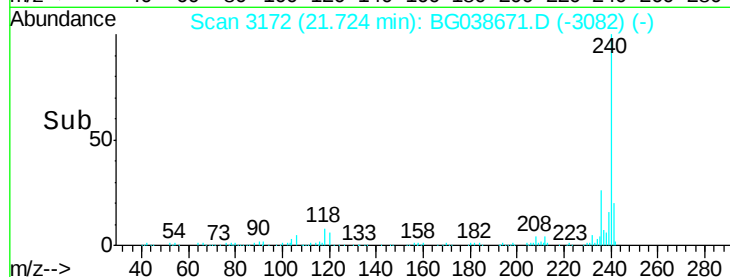
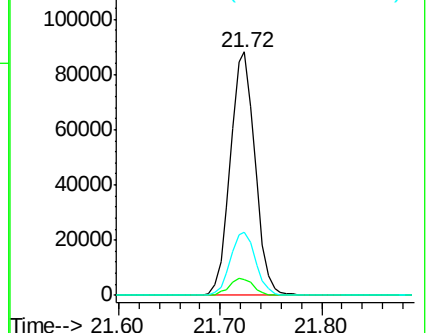
236 26.1 21.4 32.2



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: 83.385 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038671.D

Acq: 17 Dec 2018 20:21

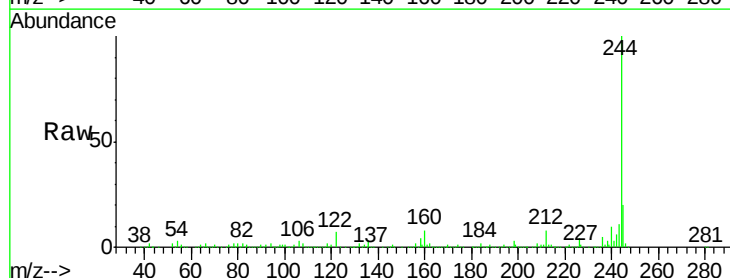
Tgt Ion:244 Resp: 571244

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

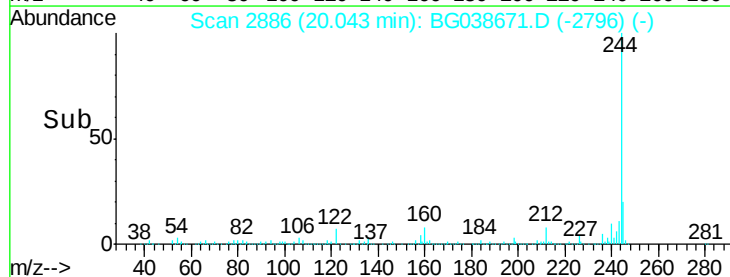
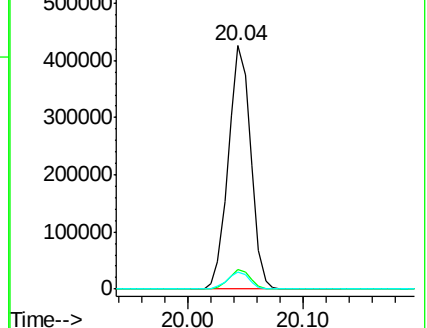
122 7.3 6.3 9.5

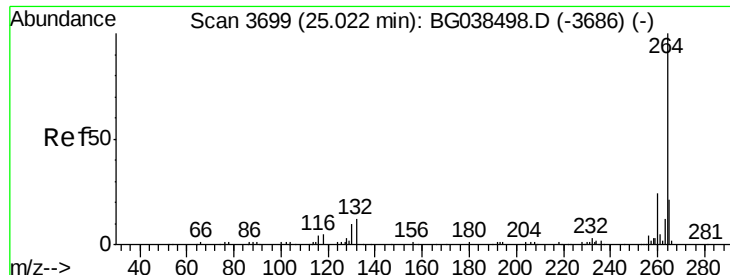


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.02 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG038671.D

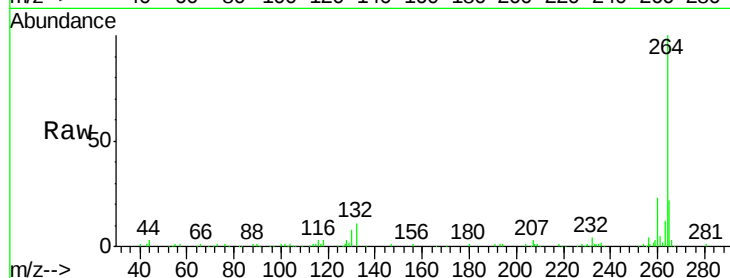
Acq: 17 Dec 2018 20:21

Instrument :

BNA_G

ClientSampleId :

P001-SD001-0612-01



Tgt Ion:264 Resp: 163461

Ion Ratio Lower Upper

264 100

260 22.9 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

