

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121318\
 Data File : BG038538.D
 Acq On : 13 Dec 2018 18:45
 Operator : JU/SJ
 Sample : J6157-10RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-5-DISSOLVEDRE

Quant Time: Dec 13 22:36:24 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

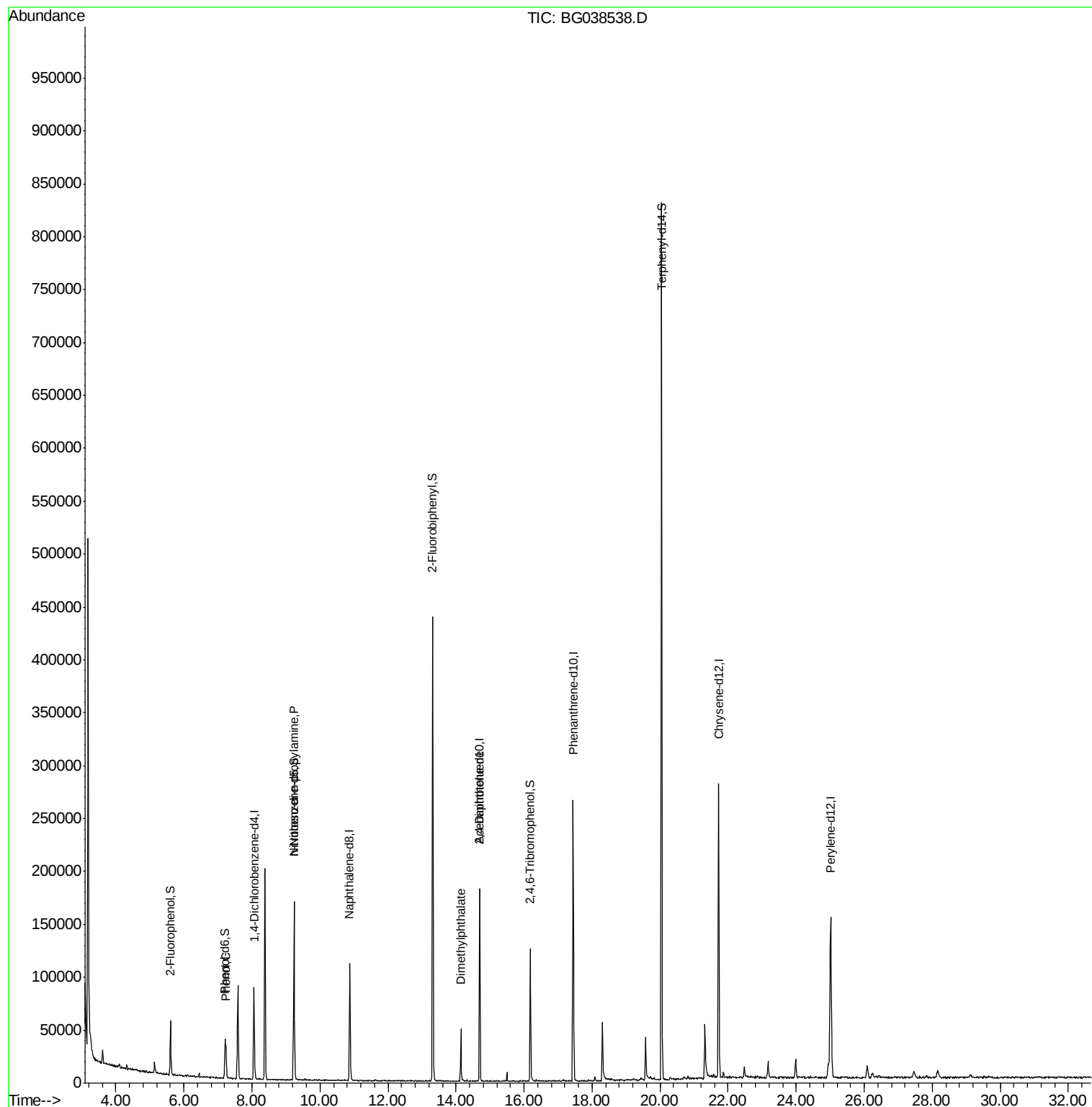
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	24911	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	100353	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	64459	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	167937	20.00	ng	0.00
76) Chrysene-d12	21.72	240	174374	20.00	ng	0.00
87) Perylene-d12	25.01	264	184248	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	22874	16.29	ng	0.00
7) Phenol-d6	7.21	99	20158	10.45	ng	0.00
23) Nitrobenzene-d5	9.23	82	102031	51.94	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	27173	30.59	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	239913	51.06	ng	0.00
79) Terphenyl-d14	20.05	244	423401	52.84	ng	0.00
Target Compounds						
10) Phenol	7.24	94	15153	7.397	ng	95
19) n-Nitroso-di-n-propylamine	9.23	70	14214	10.496	ng	# 69
50) Dimethylphthalate	14.14	163	36010	6.841	ng	# 97
57) 2,4-Dinitrotoluene	14.69	165	8296	4.938	ng	# 21

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121318\
Data File : BG038538.D
Acq On : 13 Dec 2018 18:45
Operator : JU/SJ
Sample : J6157-10RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-5-DISSOLVEDRE

Quant Time: Dec 13 22:36:24 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

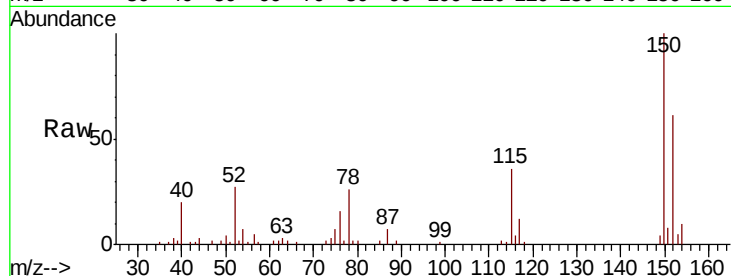




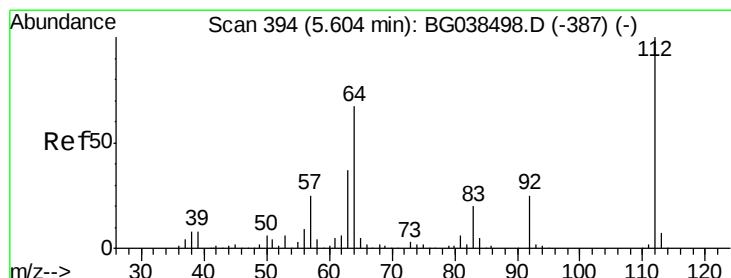
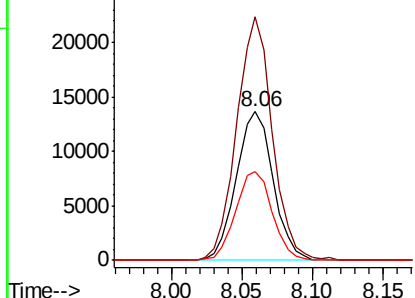
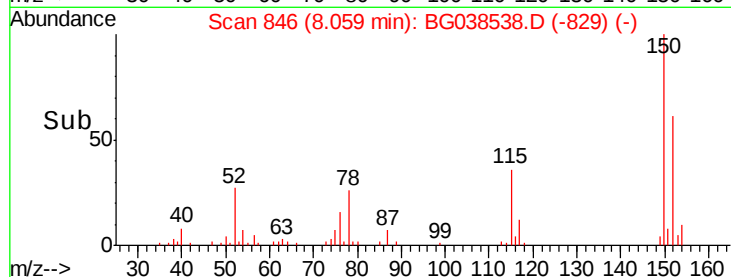
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG038538.D
 Acq: 13 Dec 2018 18:45

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-5-DISSOLVEDRE

Tgt Ion:152 Resp: 24911
 Ion Ratio Lower Upper
 152 100
 150 164.1 119.5 179.3
 115 59.6 49.6 74.4

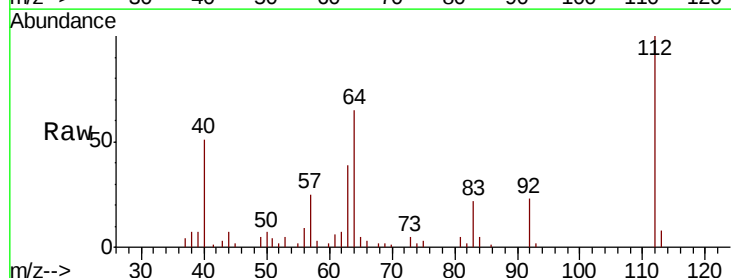


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

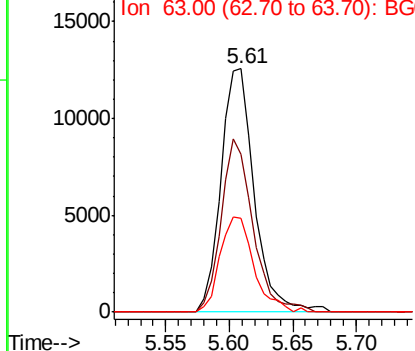
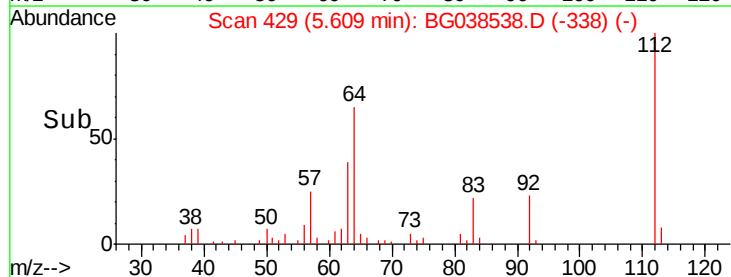


#5
 2-Fluorophenol
 Concen: 16.286 ng
 RT: 5.61 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BG038538.D
 Acq: 13 Dec 2018 18:45

Tgt Ion:112 Resp: 22874
 Ion Ratio Lower Upper
 112 100
 64 65.1 53.4 80.2
 63 38.7 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: 10.455 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038538.D

Acq: 13 Dec 2018 18:45

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-5-DISSOLVEDRE

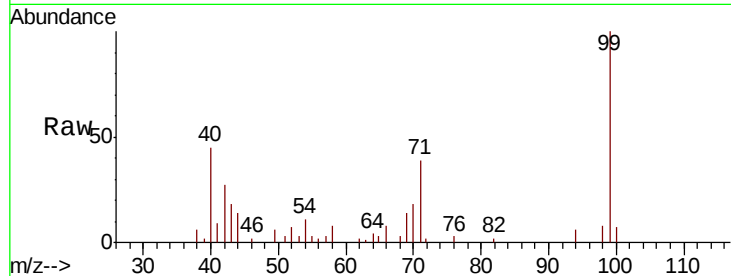
Tgt Ion: 99 Resp: 20158

Ion Ratio Lower Upper

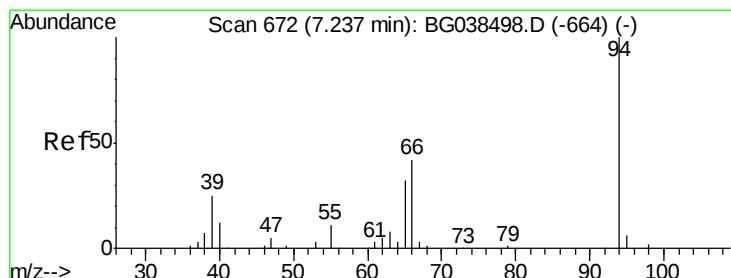
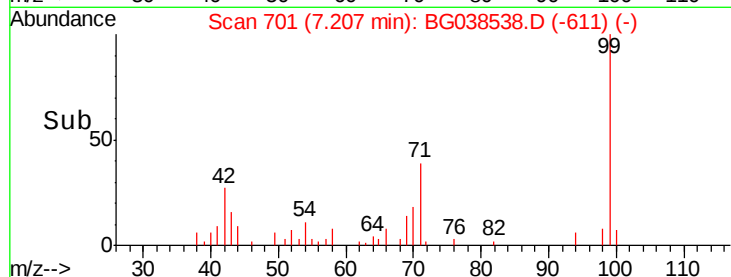
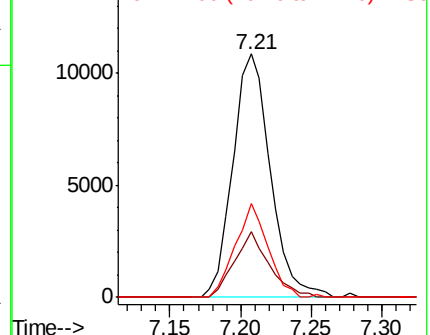
99 100

42 27.0 18.5 27.7

71 38.6 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: 7.397 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038538.D

Acq: 13 Dec 2018 18:45

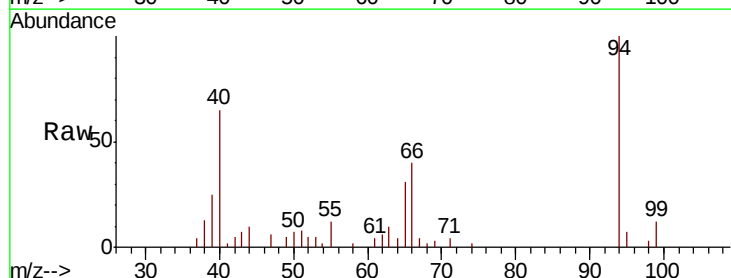
Tgt Ion: 94 Resp: 15153

Ion Ratio Lower Upper

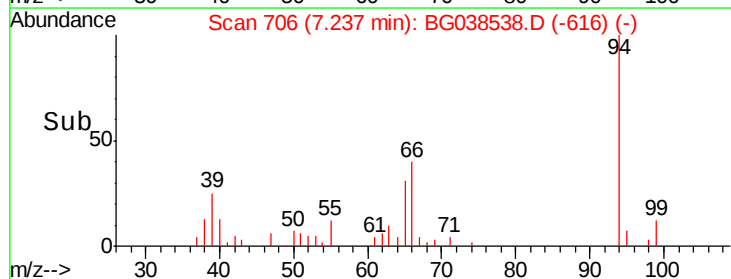
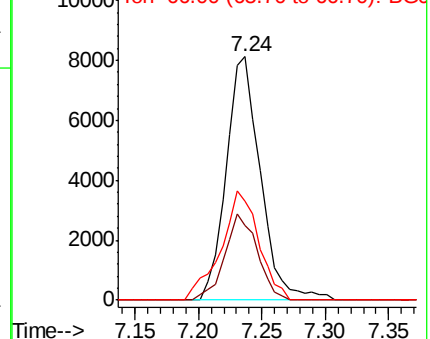
94 100

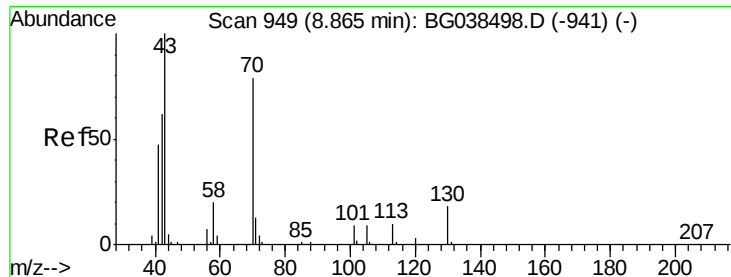
65 30.7 12.6 52.6

66 40.4 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

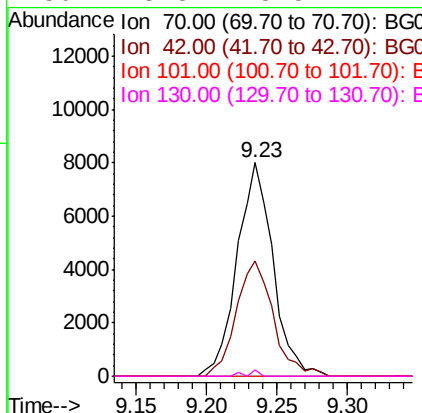
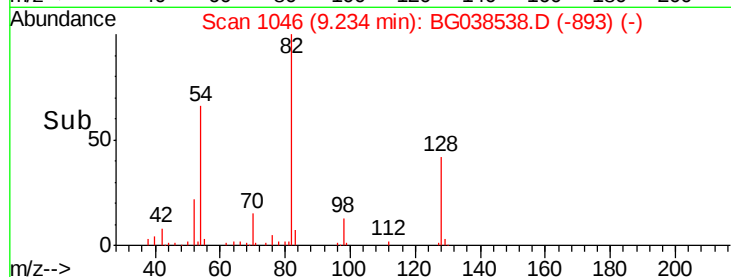
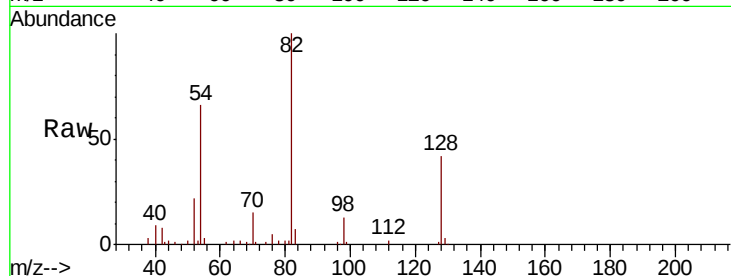




#19
n-Nitroso-di-n-propylamine
Concen: 10.496 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038538.D
Acq: 13 Dec 2018 18:45

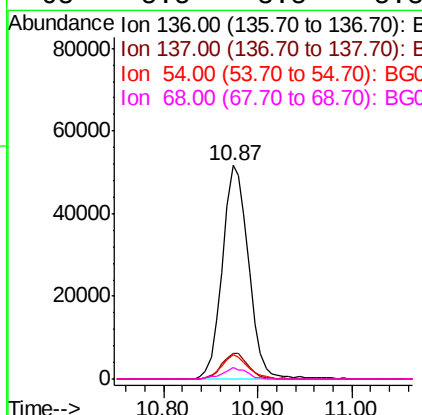
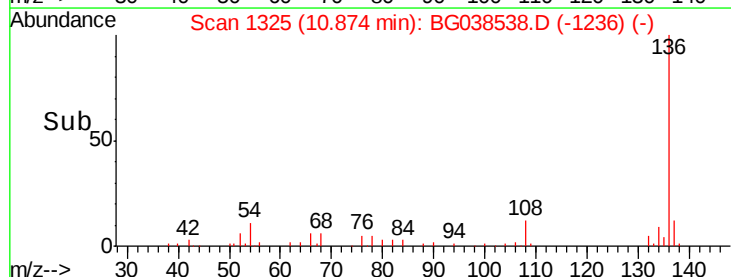
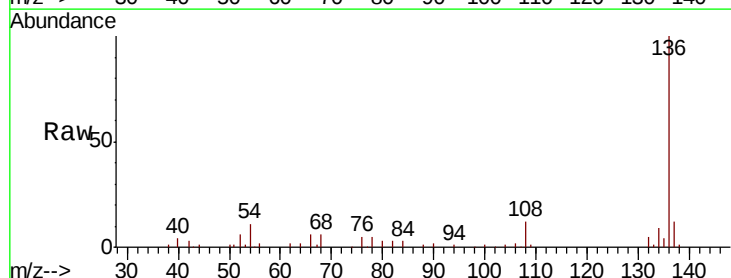
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-5-DISSOLVEDRE

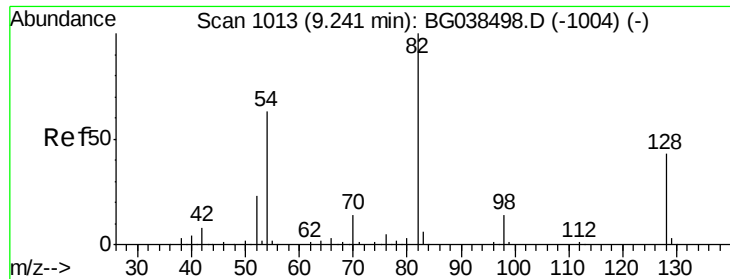
Tgt Ion: 70 Resp: 14214
Ion Ratio Lower Upper
70 100
42 54.2 63.6 95.4#
101 0.0 9.2 13.8#
130 3.3 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038538.D
Acq: 13 Dec 2018 18:45

Tgt Ion: 136 Resp: 100353
Ion Ratio Lower Upper
136 100
137 11.9 9.3 13.9
54 11.3 8.5 12.7
68 5.5 3.5 5.3#

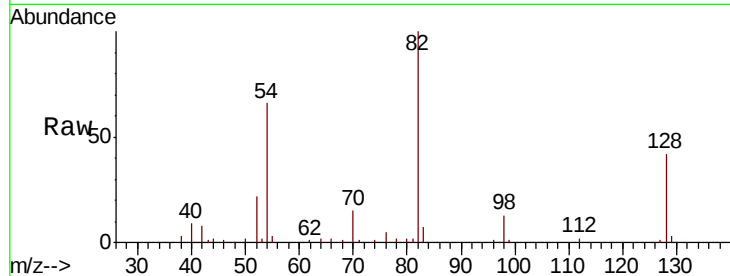




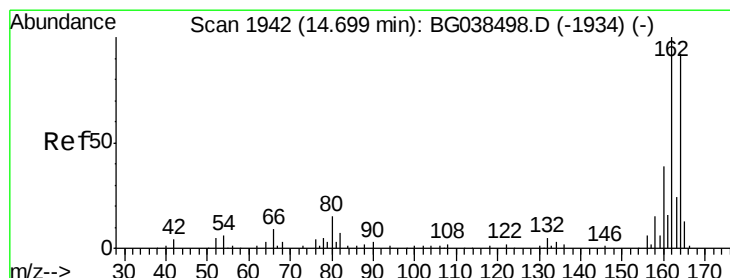
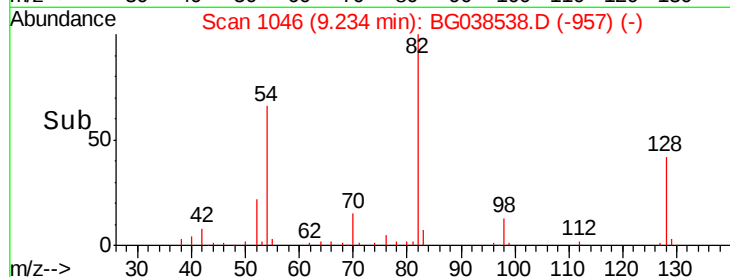
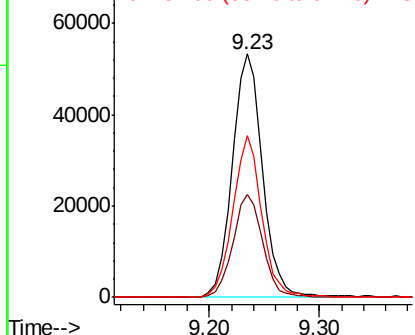
#23
 Nitrobenzene-d5
 Concen: 51.941 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038538.D
 Acq: 13 Dec 2018 18:45

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-5-DISSOLVEDRE

Tgt Ion: 82 Resp: 102031
 Ion Ratio Lower Upper
 82 100
 128 42.1 34.6 52.0
 54 66.3 50.6 76.0

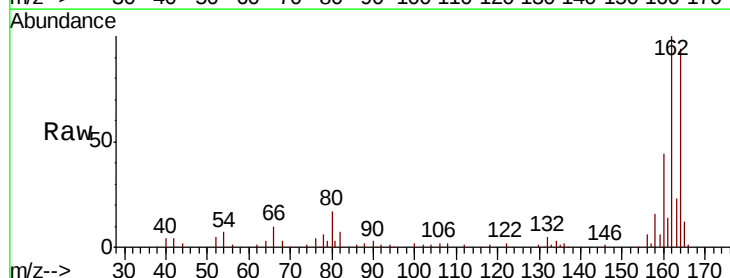


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

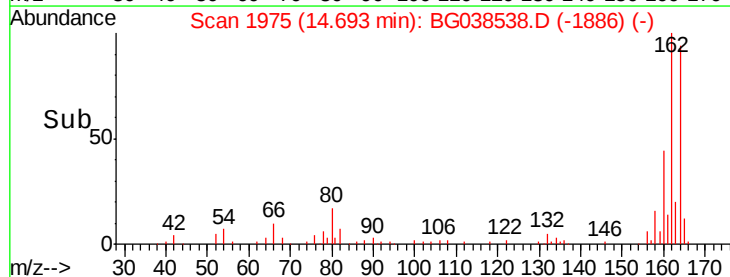
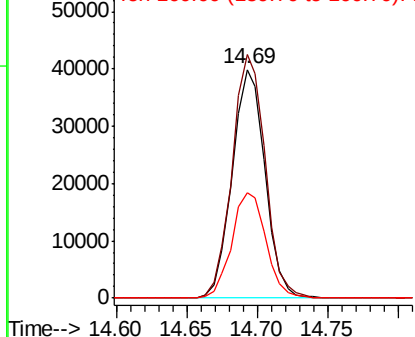


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG038538.D
 Acq: 13 Dec 2018 18:45

Tgt Ion: 164 Resp: 64459
 Ion Ratio Lower Upper
 164 100
 162 106.5 86.6 130.0
 160 46.3 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

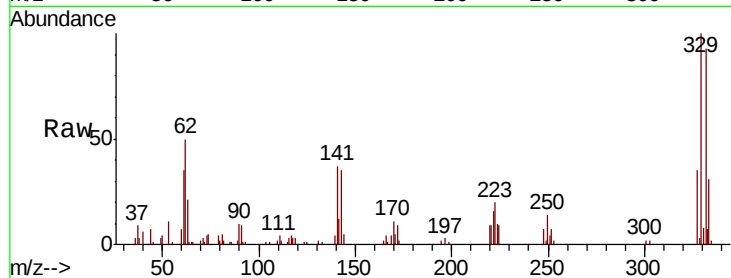




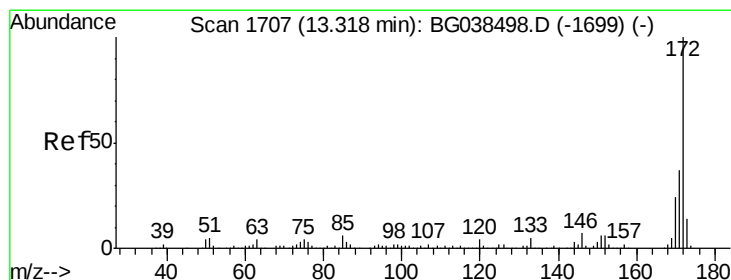
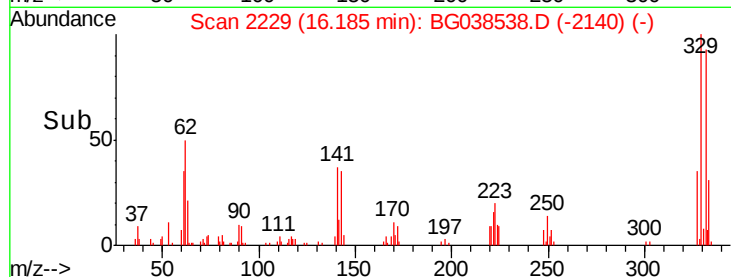
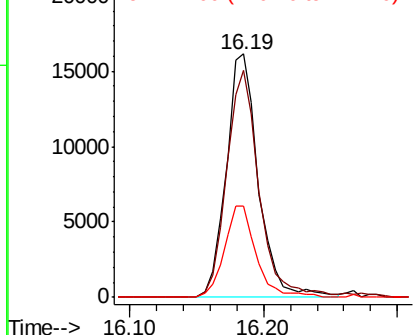
#42
 2,4,6-Tribromophenol
 Concen: 30.588 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038538.D
 Acq: 13 Dec 2018 18:45

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-5-DISSOLVEDRE

Tgt Ion:330 Resp: 27173
 Ion Ratio Lower Upper
 330 100
 332 93.8 76.9 115.3
 141 36.9 28.8 43.2

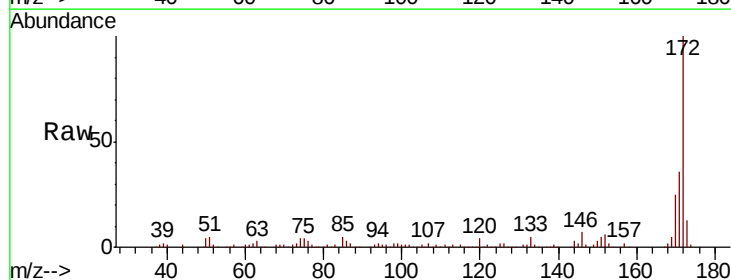


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

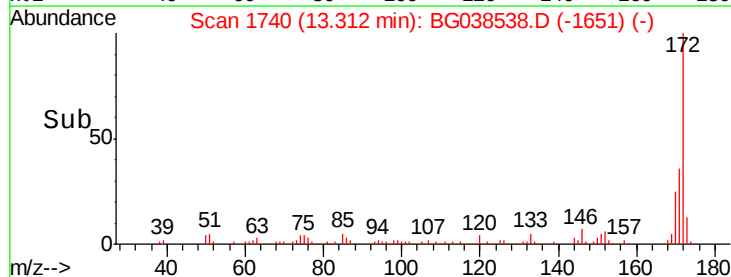
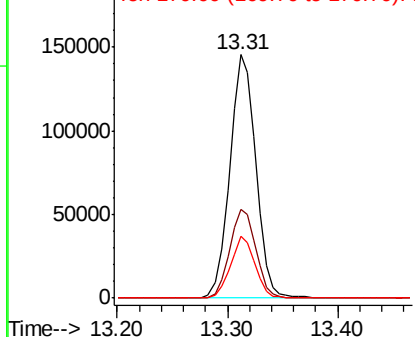


#45
 2-Fluorobiphenyl
 Concen: 51.059 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038538.D
 Acq: 13 Dec 2018 18:45

Tgt Ion:172 Resp: 239913
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.8 44.6
 170 25.2 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

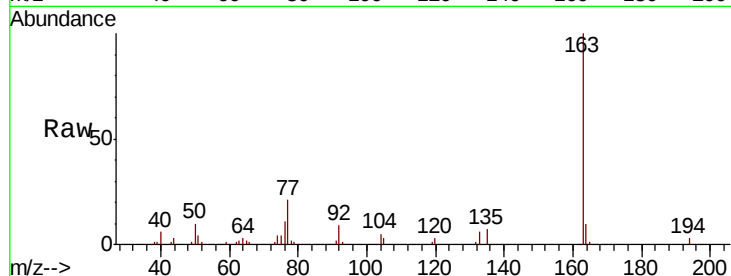




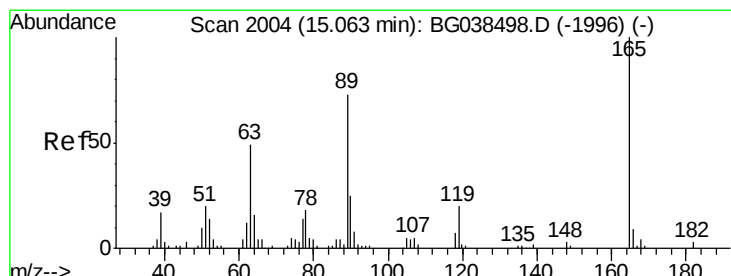
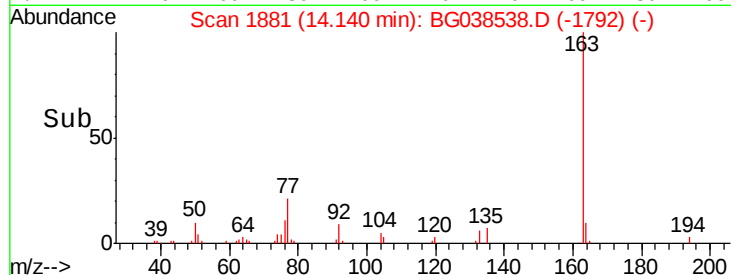
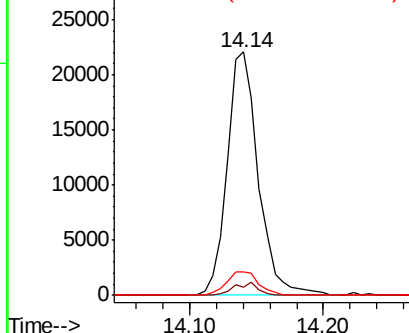
#50
Dimethylphthalate
Concen: 6.841 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG038538.D
Acq: 13 Dec 2018 18:45

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-5-DISSOLVEDRE

Tgt Ion:163 Resp: 36010
Ion Ratio Lower Upper
163 100
194 3.4 3.7 5.5#
164 9.9 8.6 12.8

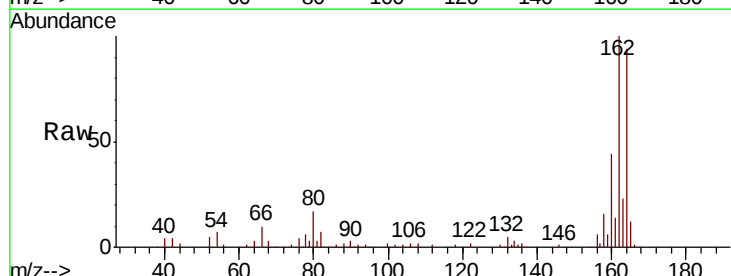


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

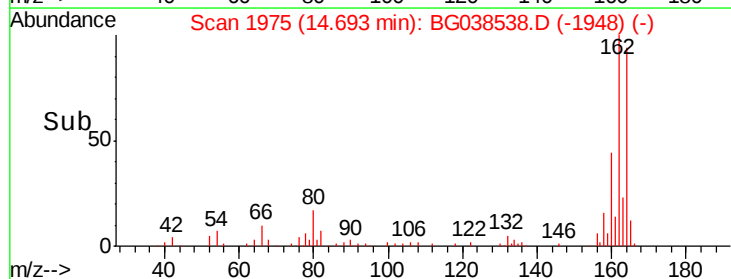
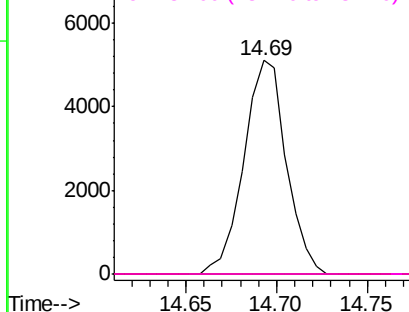


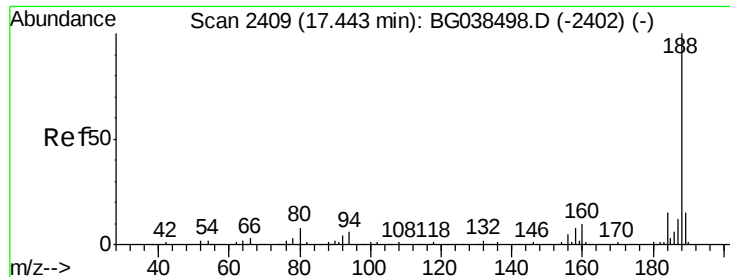
#57
2,4-Dinitrotoluene
Concen: 4.938 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.37 min
Lab File: BG038538.D
Acq: 13 Dec 2018 18:45

Tgt Ion:165 Resp: 8296
Ion Ratio Lower Upper
165 100
63 0.0 39.0 58.4#
89 0.0 58.0 87.0#
182 0.0 2.3 3.5#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG038538.D

Acq: 13 Dec 2018 18:45

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-5-DISSOLVEDRE

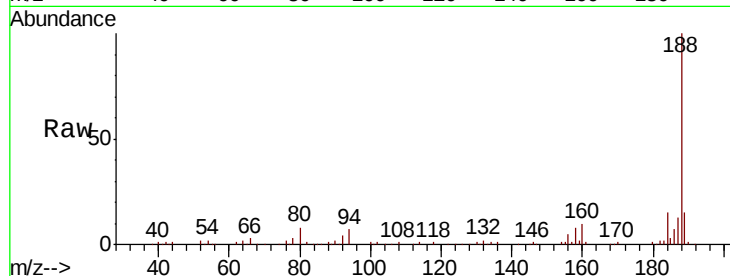
Tgt Ion:188 Resp: 167937

Ion Ratio Lower Upper

188 100

94 6.8 5.1 7.7

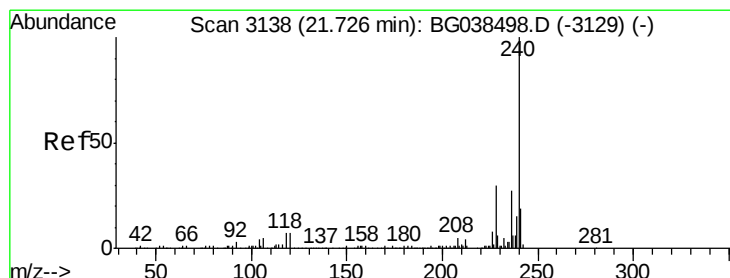
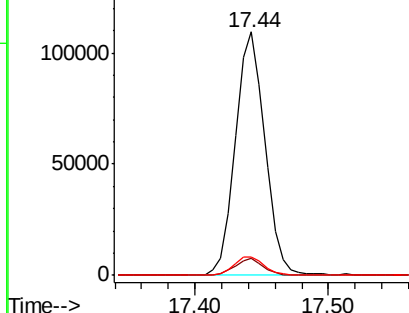
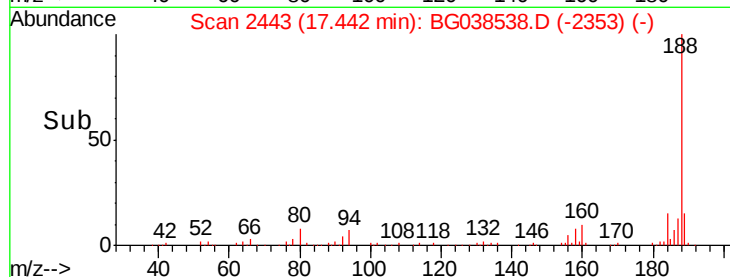
80 7.7 6.1 9.1



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: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG038538.D

Acq: 13 Dec 2018 18:45

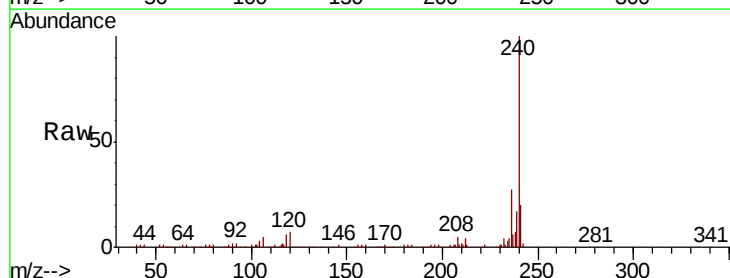
Tgt Ion:240 Resp: 174374

Ion Ratio Lower Upper

240 100

120 7.1 5.3 7.9

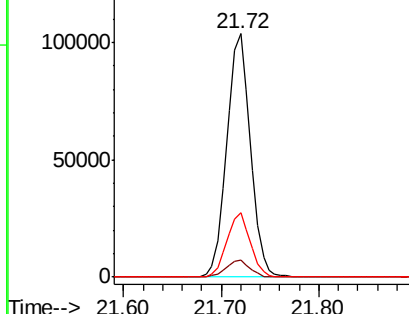
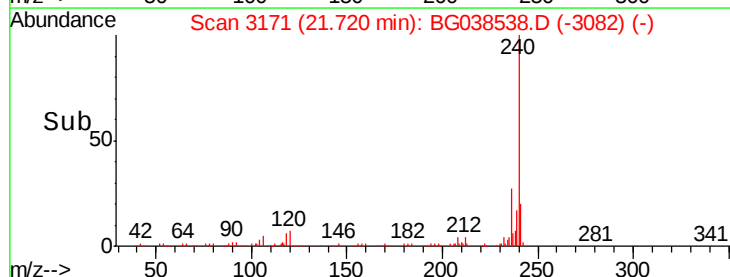
236 26.6 21.4 32.2

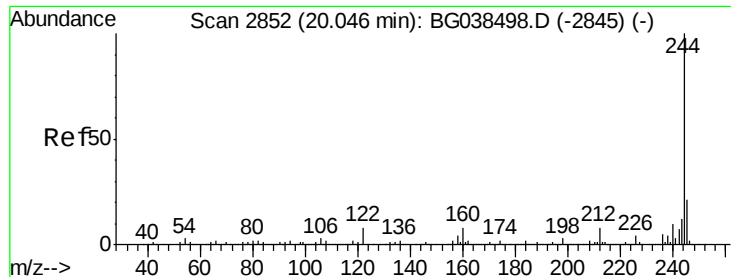


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 52.844 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038538.D

Acq: 13 Dec 2018 18:45

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-5-DISSOLVEDRE

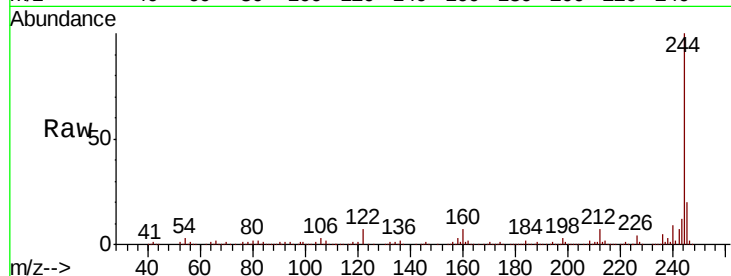
Tgt Ion:244 Resp: 423401

Ion Ratio Lower Upper

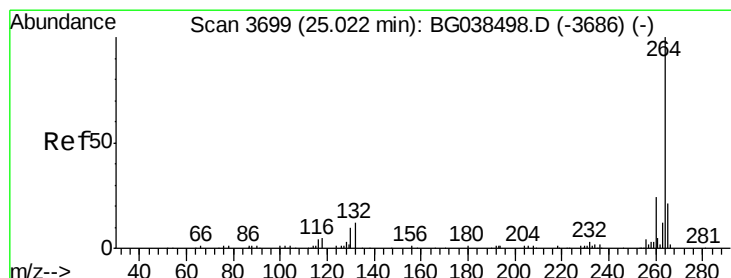
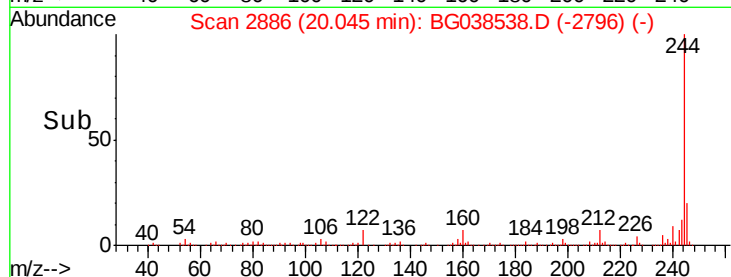
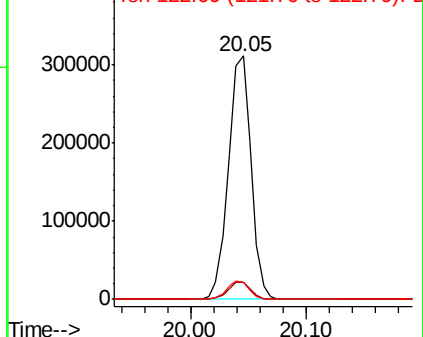
244 100

212 7.1 6.2 9.2

122 7.2 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: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038538.D

Acq: 13 Dec 2018 18:45

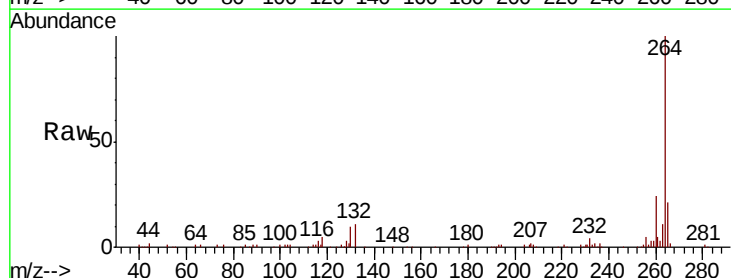
Tgt Ion:264 Resp: 184248

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

265 21.0 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

