

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
 Data File : BG038726.D
 Acq On : 19 Dec 2018 13:05
 Operator : JU/SJ
 Sample : J6398-10
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 19 14:23:28 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

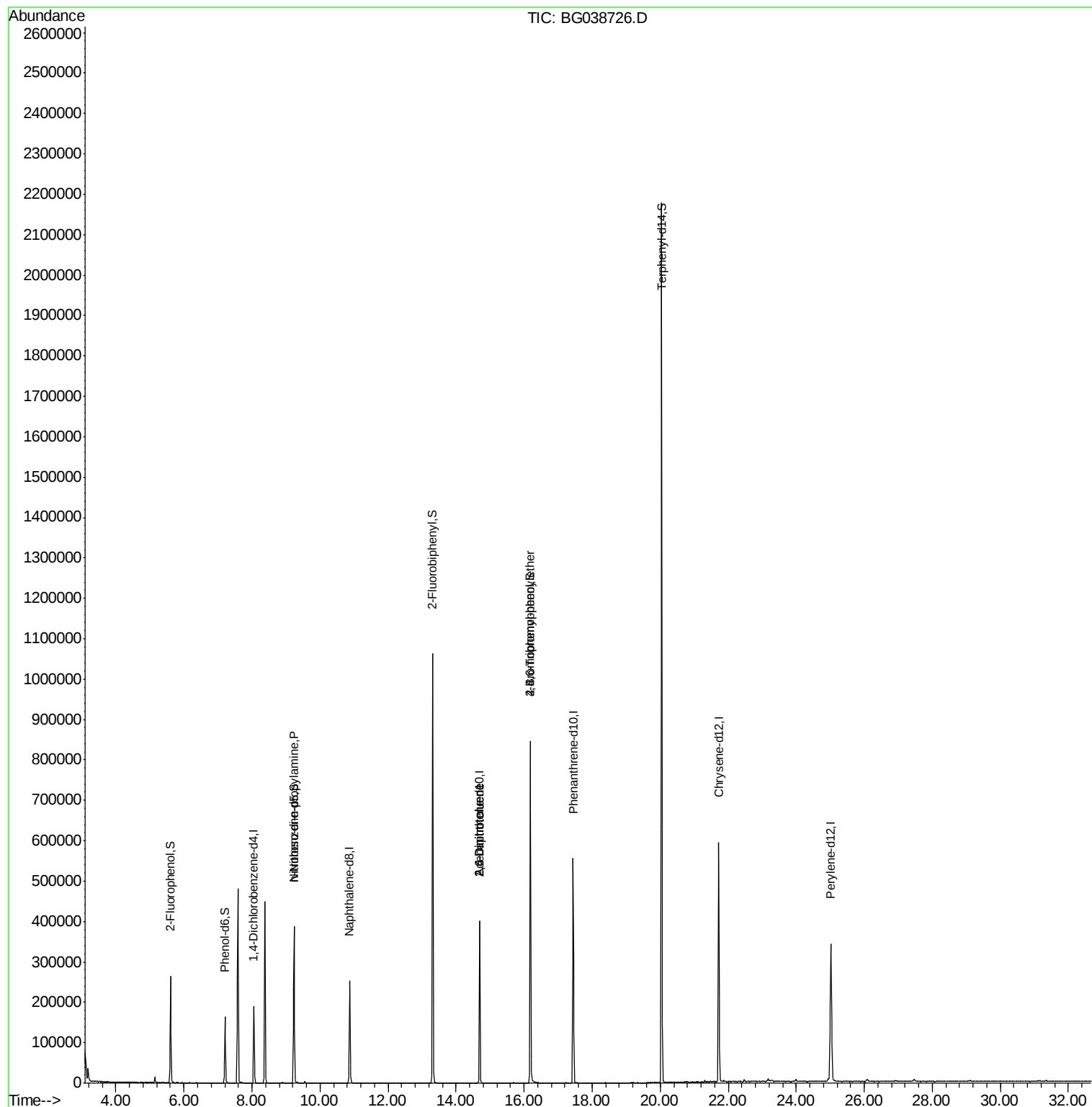
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	55905	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	226730	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	150468	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	369230	20.00	ng	0.00
76) Chrysene-d12	21.72	240	390616	20.00	ng	0.00
87) Perylene-d12	25.02	264	410774	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	116077	36.83	ng	0.00
7) Phenol-d6	7.21	99	95239	22.01	ng	0.00
23) Nitrobenzene-d5	9.23	82	226428	51.02	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	176055	84.90	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	574128	52.34	ng	0.00
79) Terphenyl-d14	20.04	244	1025184	57.12	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	30984	10.195	ng	# 68
51) 2,6-Dinitrotoluene	14.69	165	19781	7.104	ng	# 23
57) 2,4-Dinitrotoluene	14.69	165	19781	5.044	ng	# 24
67) 4-Bromophenyl-phenylether	16.18	248	11506	2.552	ng	# 1

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

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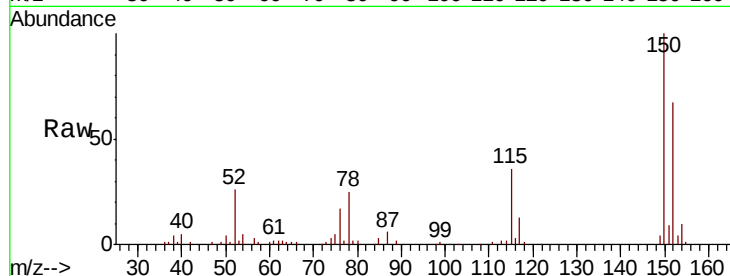


#1

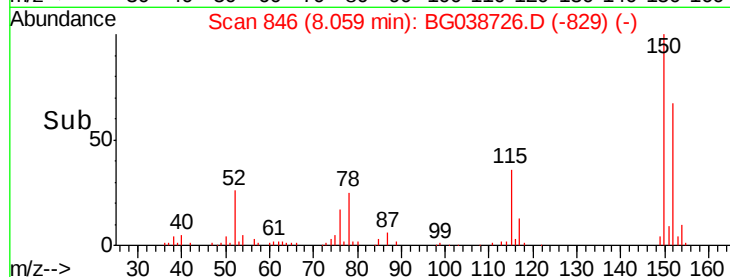
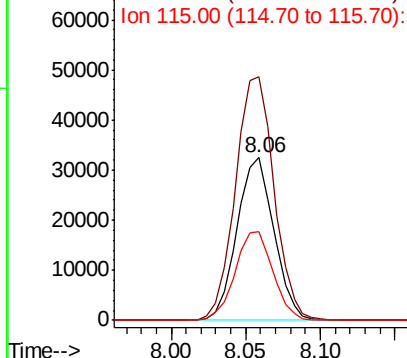
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038726.D
Acq: 19 Dec 2018 13:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 55905
Ion Ratio Lower Upper
152 100
150 149.7 119.5 179.3
115 54.3 49.6 74.4



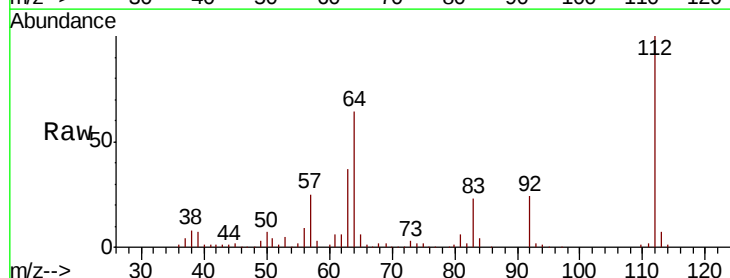
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



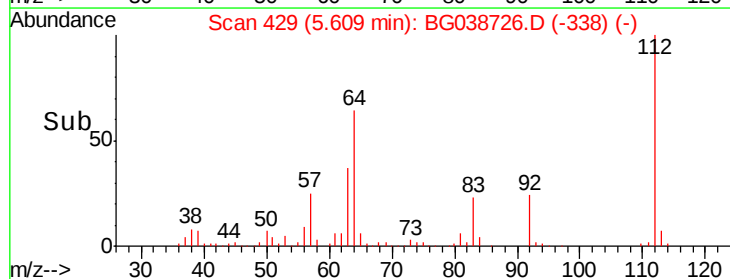
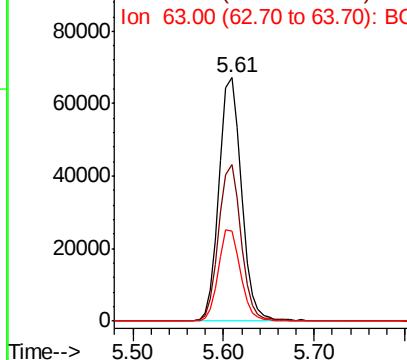
#5

2-Fluorophenol
Concen: 36.827 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038726.D
Acq: 19 Dec 2018 13:05

Tgt Ion:112 Resp: 116077
Ion Ratio Lower Upper
112 100
64 64.1 53.4 80.2
63 36.9 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: 22.010 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038726.D

Acq: 19 Dec 2018 13:05

Instrument :

BNA_G

ClientSampleId :

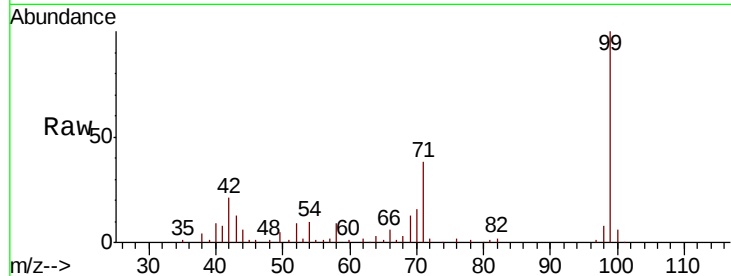
Tot Ion: 99 Resp: 95239

Ion Ratio Lower Upper

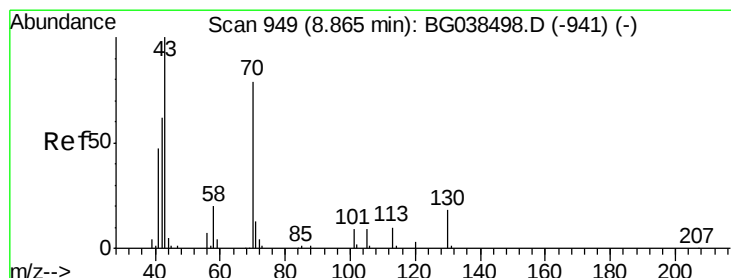
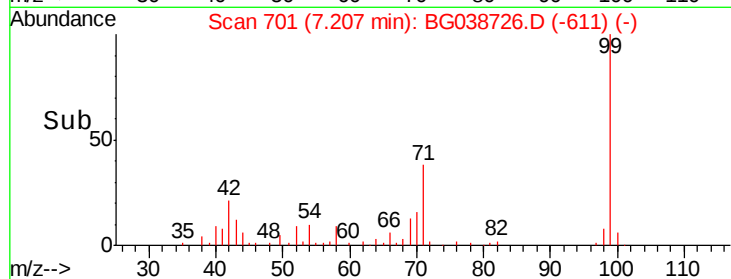
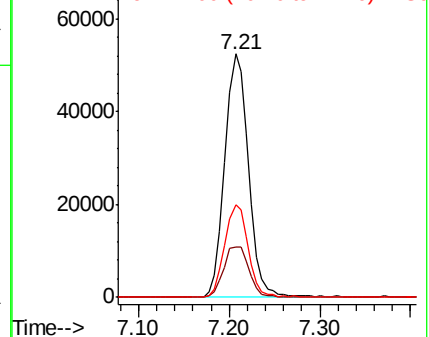
99 100

42 20.9 18.5 27.7

71 38.3 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



#19

n-Nitroso-di-n-propylamine

Concen: 10.195 ng

RT: 9.23 min Scan# 1046

Delta R.T. 0.37 min

Lab File: BG038726.D

Acq: 19 Dec 2018 13:05

Tgt Ion: 70 Resp: 30984

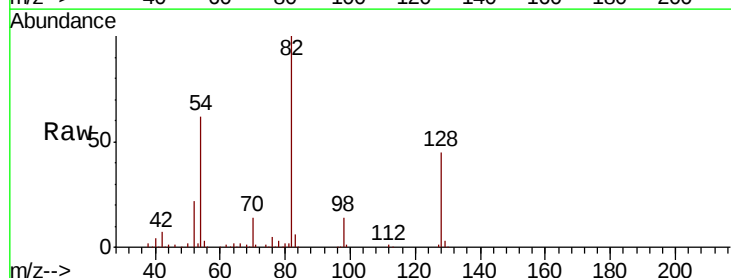
Ion Ratio Lower Upper

70 100

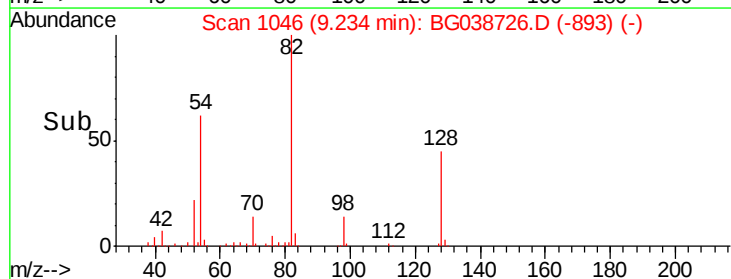
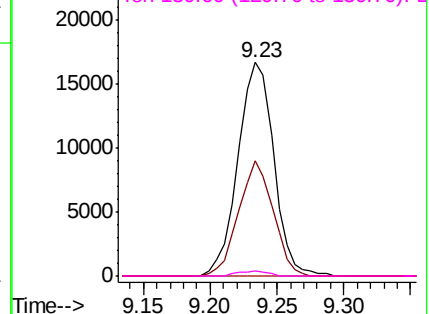
42 54.1 63.6 95.4#

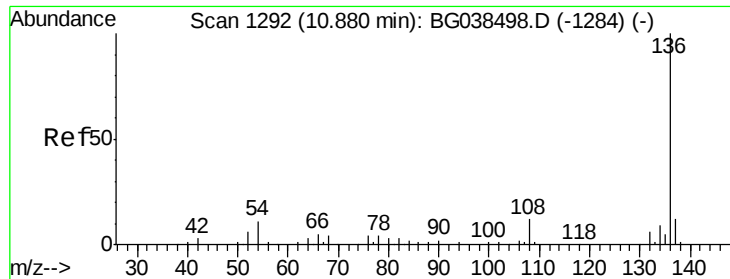
101 0.0 9.2 13.8#

130 2.4 18.5 27.7#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

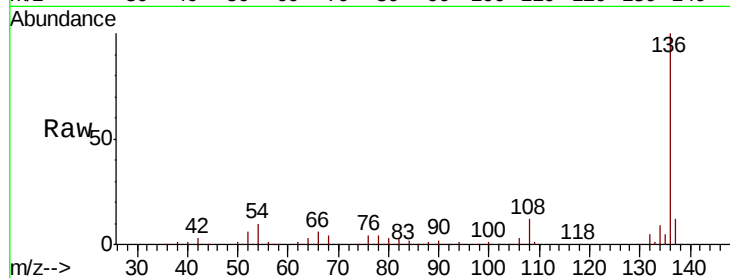




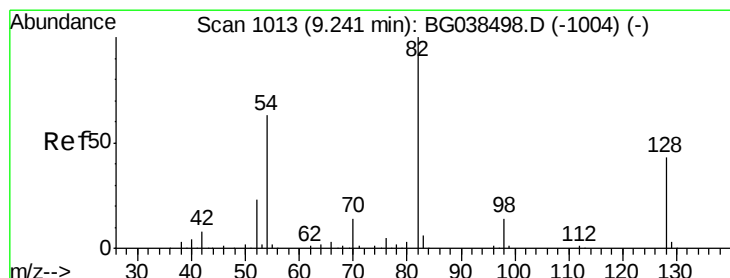
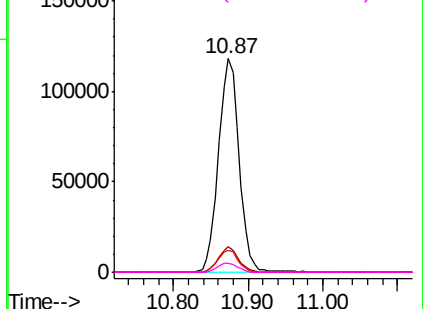
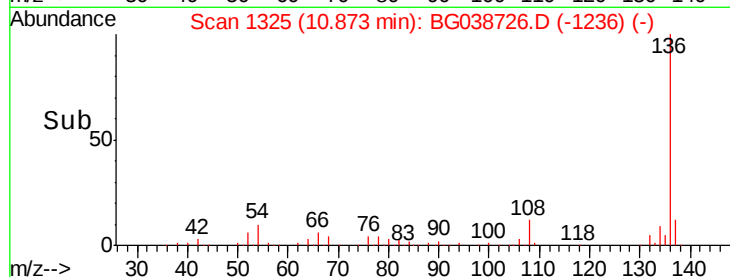
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038726.D
Acq: 19 Dec 2018 13:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	226730
Ion	Ratio	Lower Upper
136	100	
137	11.8	9.3 13.9
54	10.2	8.5 12.7
68	4.3	3.5 5.3

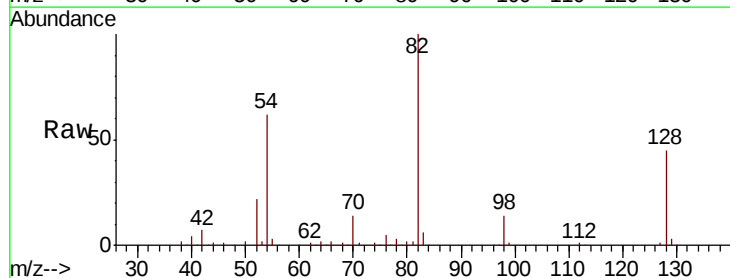


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

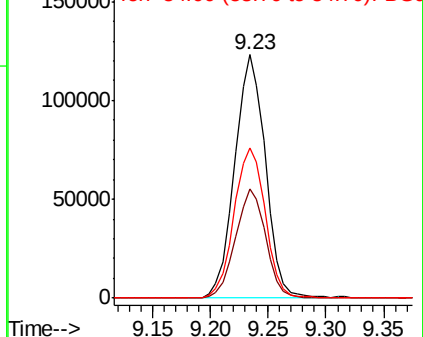
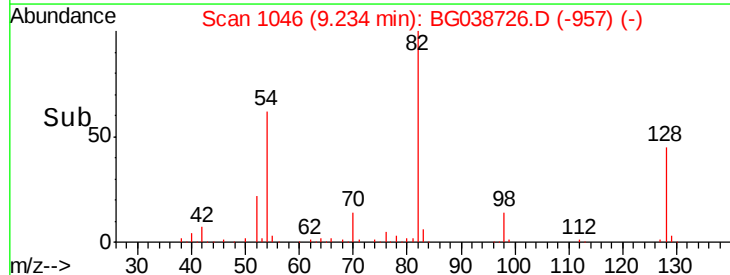


#23
Nitrobenzene-d5
Concen: 51.019 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038726.D
Acq: 19 Dec 2018 13:05

Tgt Ion: 82	Resp:	226428
Ion	Ratio	Lower Upper
82	100	
128	45.0	34.6 52.0
54	61.8	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: BG038726.D

Acq: 19 Dec 2018 13:05

Instrument :

BNA_G

ClientSampleId :

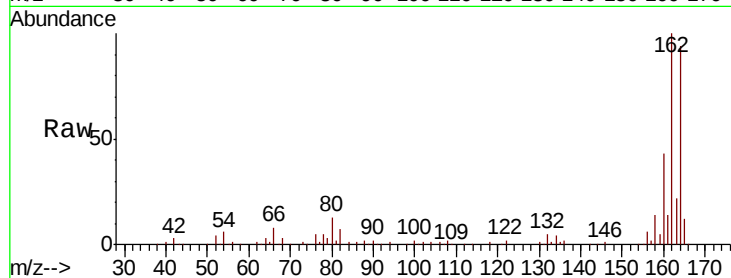
Tot Ion:164 Resp: 150468

Ion Ratio Lower Upper

164 100

162 106.8 86.6 130.0

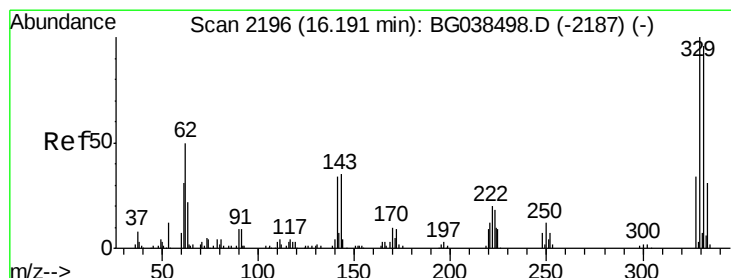
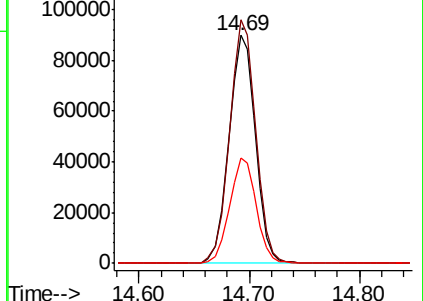
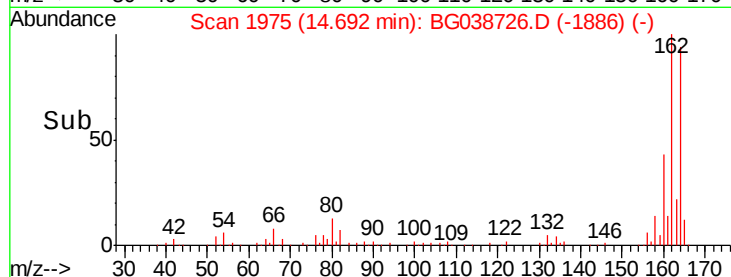
160 46.2 34.2 51.2



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: 84.898 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038726.D

Acq: 19 Dec 2018 13:05

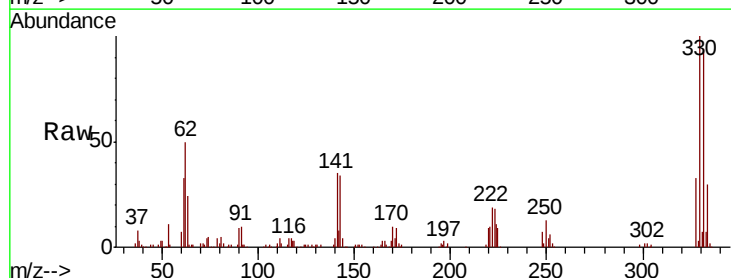
Tgt Ion:330 Resp: 176055

Ion Ratio Lower Upper

330 100

332 96.3 76.9 115.3

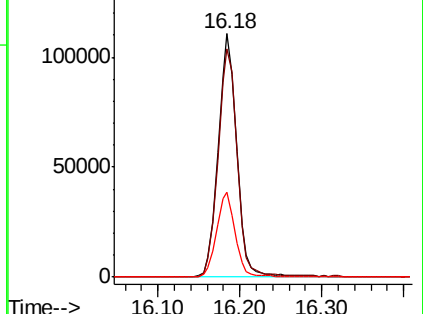
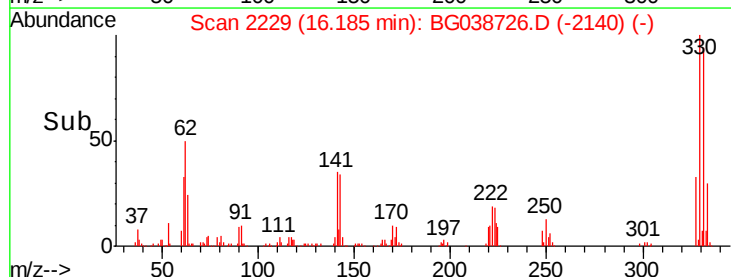
141 34.7 28.8 43.2



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

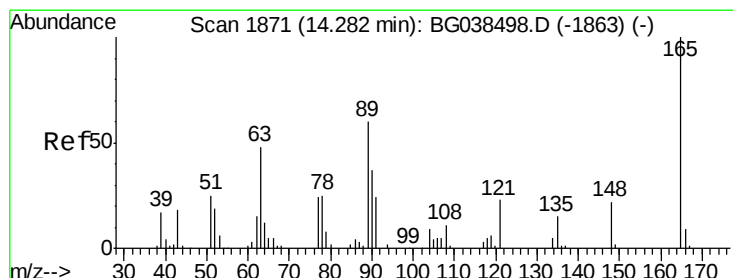
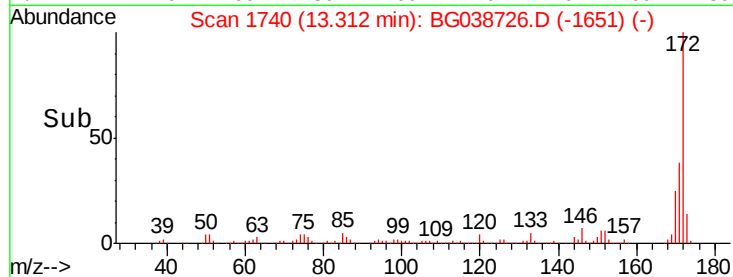
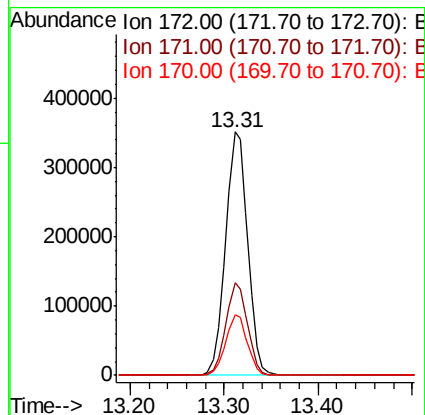
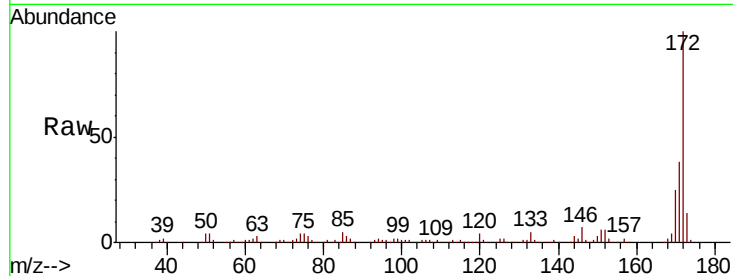




#45
2-Fluorobiphenyl
Concen: 52.344 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038726.D
Acq: 19 Dec 2018 13:05

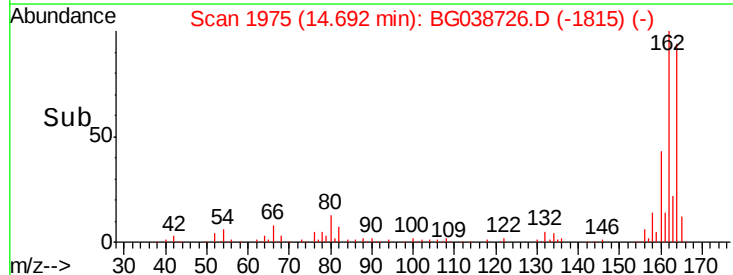
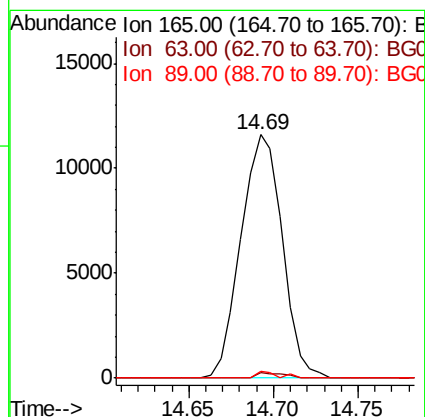
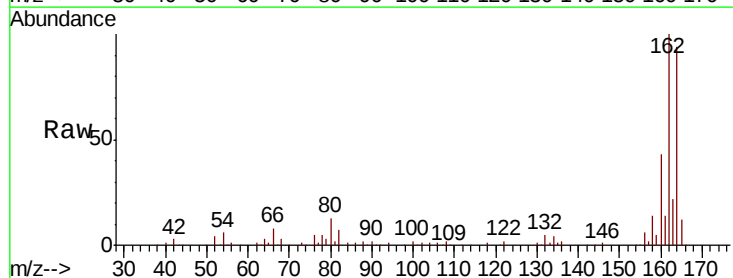
Instrument :
BNA_G
ClientSampleId :

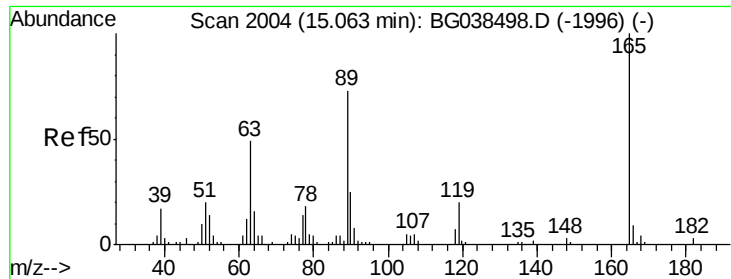
Tot Ion:172 Resp: 574128
Ion Ratio Lower Upper
172 100
171 38.1 29.8 44.6
170 24.8 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.104 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.41 min
Lab File: BG038726.D
Acq: 19 Dec 2018 13:05

Tgt Ion:165 Resp: 19781
Ion Ratio Lower Upper
165 100
63 2.4 51.8 77.6#
89 2.8 47.9 71.9#

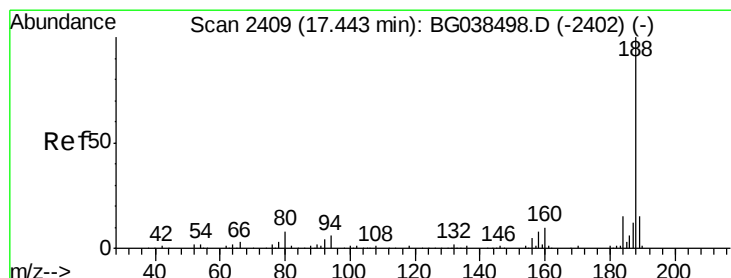
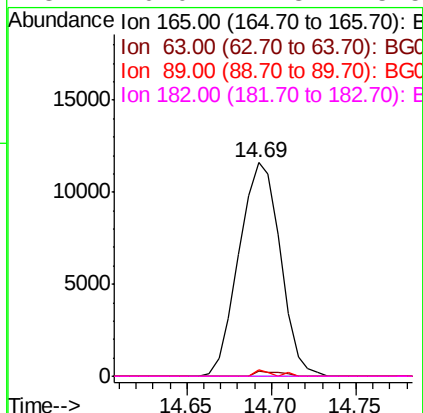
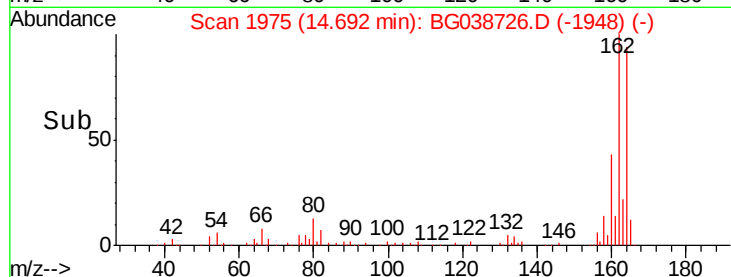
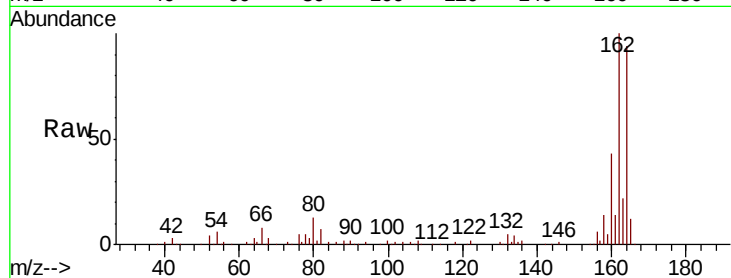




#57
 2,4-Dinitrotoluene
 Concen: 5.044 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038726.D
 Acq: 19 Dec 2018 13:05

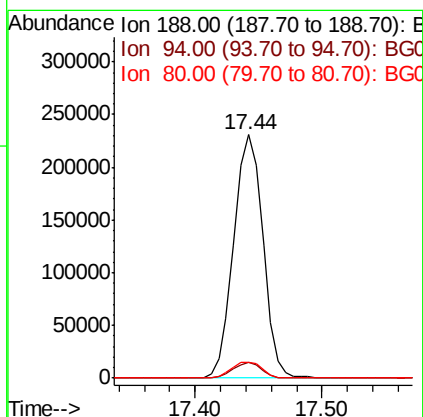
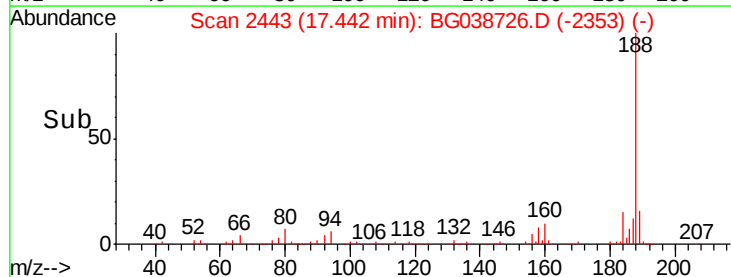
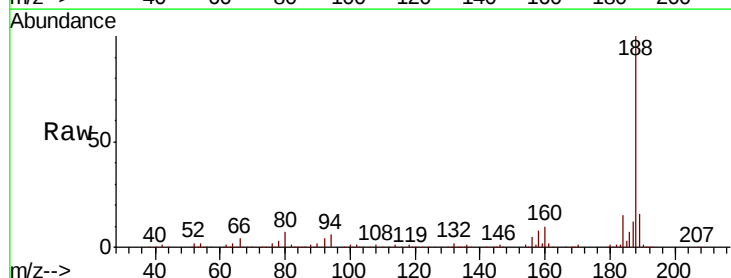
Instrument :
 BNA_G
 ClientSampleId :

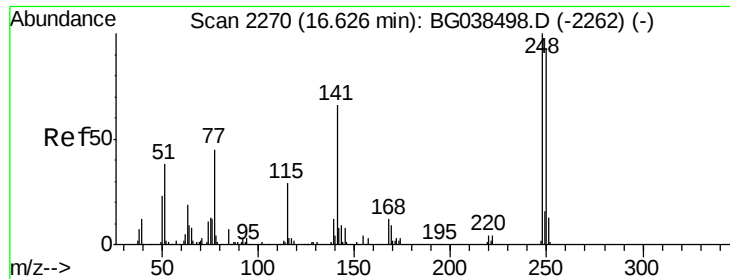
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.4	39.0	58.4#
89	2.8	58.0	87.0#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG038726.D
 Acq: 19 Dec 2018 13:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.1	7.7
80	6.6	6.1	9.1

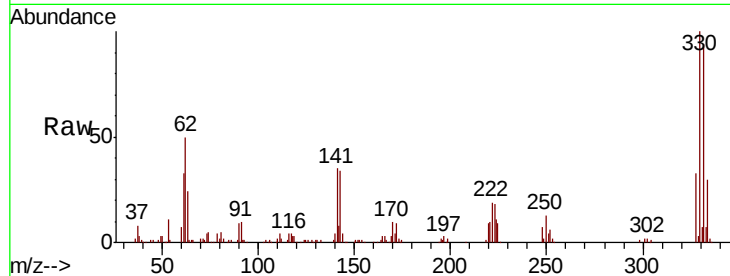




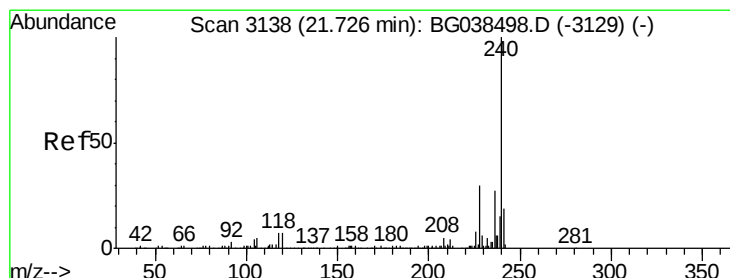
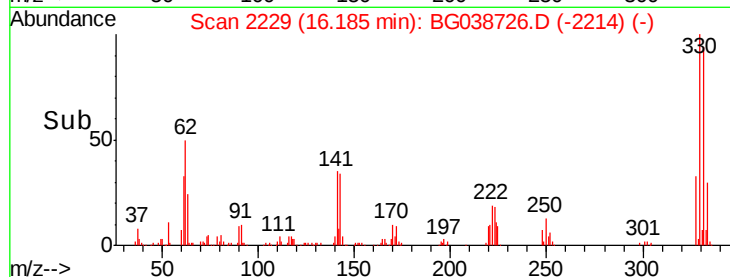
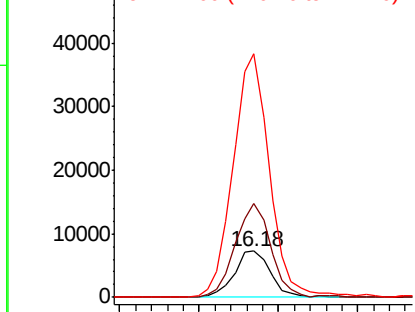
#67
4-Bromophenyl-phenylether
Concen: 2.552 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038726.D
Acq: 19 Dec 2018 13:05

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 11506
Ion Ratio Lower Upper
248 100
250 190.9 73.4 110.2#
141 388.4 52.9 79.3#

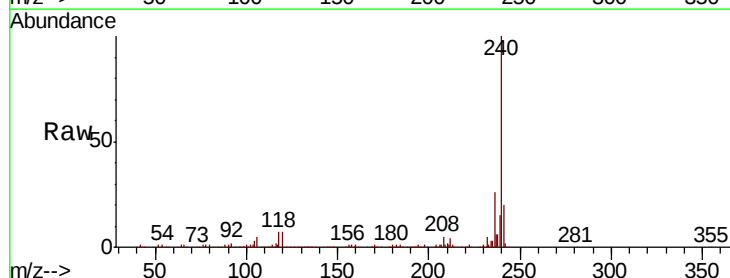


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

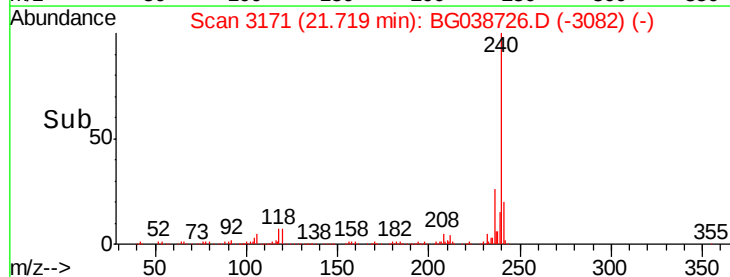
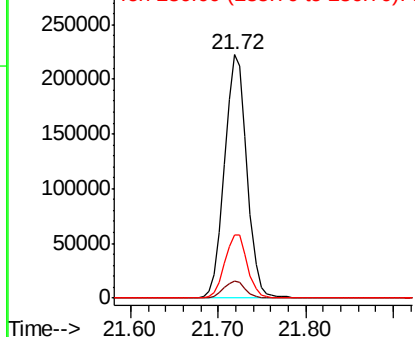


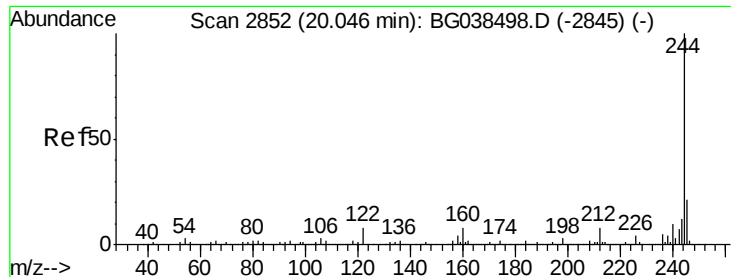
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038726.D
Acq: 19 Dec 2018 13:05

Tgt Ion:240 Resp: 390616
Ion Ratio Lower Upper
240 100
120 6.8 5.3 7.9
236 26.0 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: 57.119 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038726.D

Acq: 19 Dec 2018 13:05

Instrument :

BNA_G

ClientSampled :

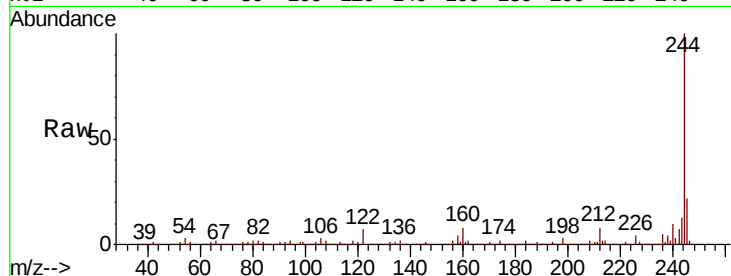
Tot Ion:244 Resp: 1025184

Ion Ratio Lower Upper

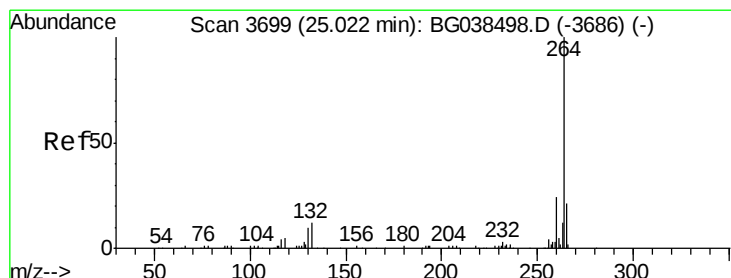
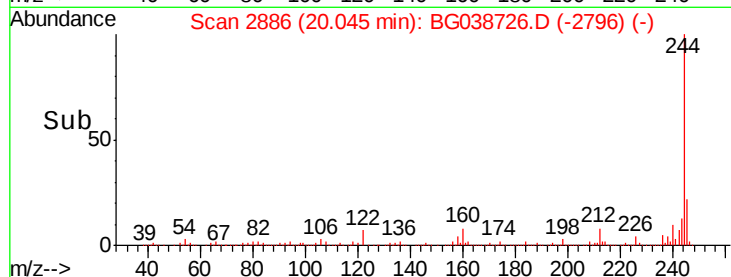
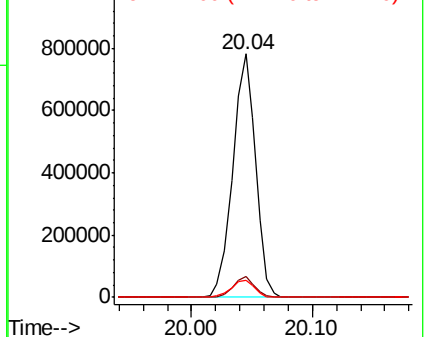
244 100

212 8.3 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: BG038726.D

Acq: 19 Dec 2018 13:05

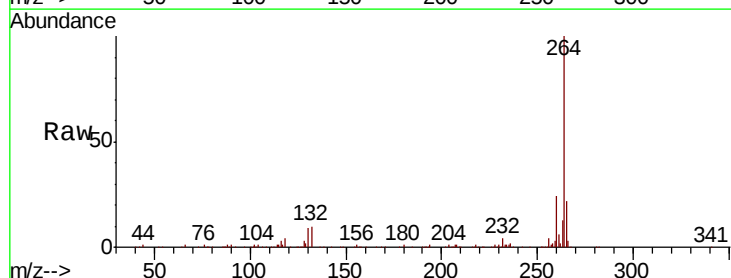
Tgt Ion:264 Resp: 410774

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.9 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

