

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120318\
 Data File : BG038306.D
 Acq On : 3 Dec 2018 19:01
 Operator : JU/SJ
 Sample : J6179-11
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SVOC-FIELD-BLANK

Quant Time: Dec 04 05:03:10 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

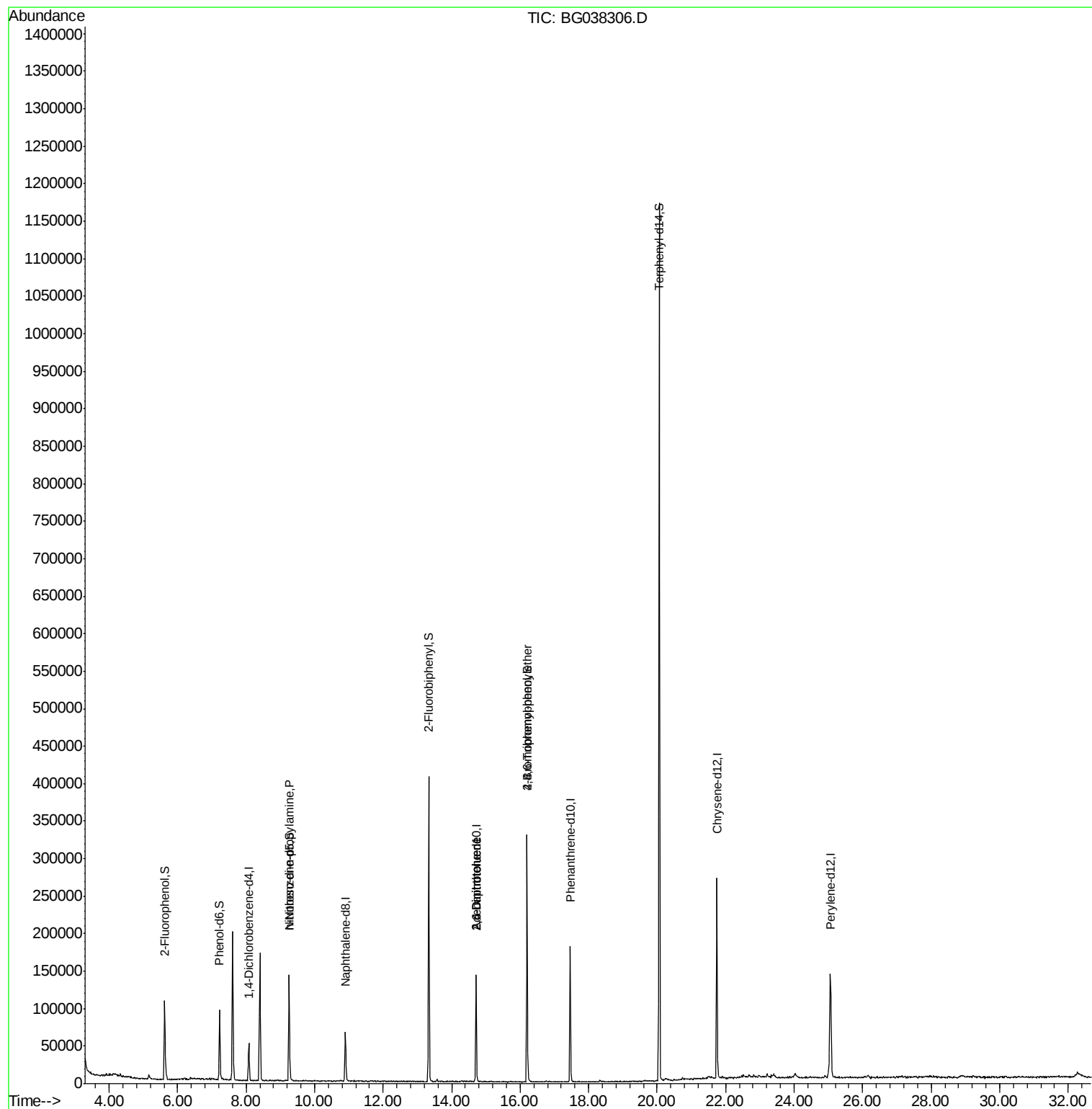
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	15726	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	65550	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	50896	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	117739	20.00	ng	0.00
76) Chrysene-d12	21.75	240	165351	20.00	ng	0.00
87) Perylene-d12	25.06	264	165174	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	55426	60.85	ng	-0.02
7) Phenol-d6	7.22	99	60040	46.18	ng	0.00
23) Nitrobenzene-d5	9.25	82	97006	79.22	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	60828	104.79	ng	-0.02
45) 2-Fluorobiphenyl	13.33	172	225073	64.43	ng	-0.02
79) Terphenyl-d14	20.06	244	595119	84.69	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.25	70	11770	12.511	ng	# 80
51) 2,6-Dinitrotoluene	14.71	165	6774	7.418	ng	# 23
57) 2,4-Dinitrotoluene	14.71	165	6774	5.452	ng	# 23
67) 4-Bromophenyl-phenylether	16.20	248	4183	3.237	ng	# 1

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

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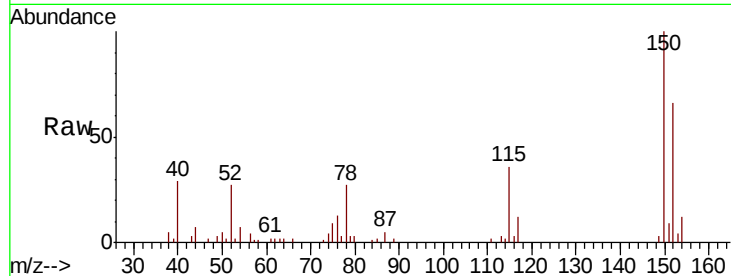


#1

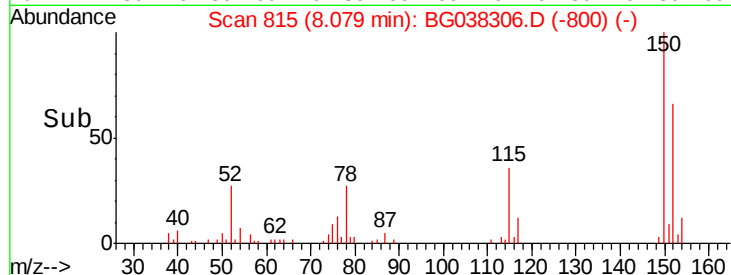
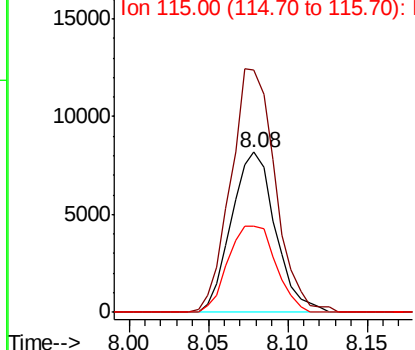
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG038306.D
Acq: 3 Dec 2018 19:01

Instrument :
BNA_G
ClientSampleId :
SVOC-FIELD-BLANK

Tgt Ion:152 Resp: 15726
Ion Ratio Lower Upper
152 100
150 151.5 126.0 189.0
115 53.9 45.5 68.3



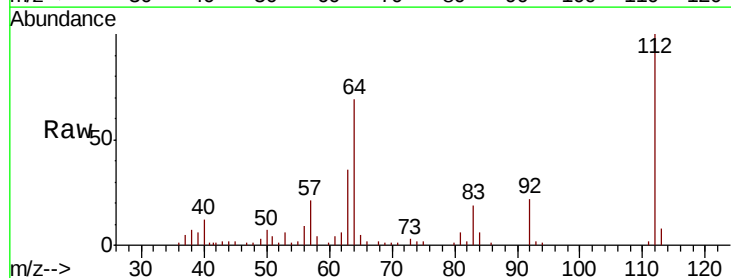
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



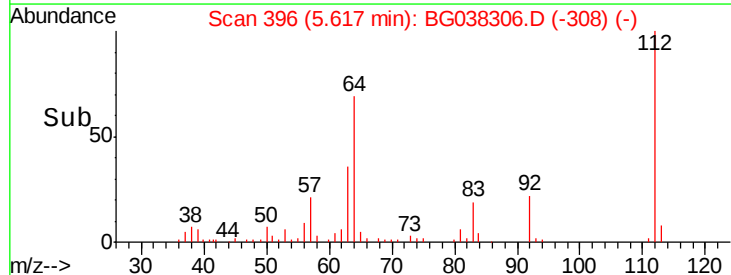
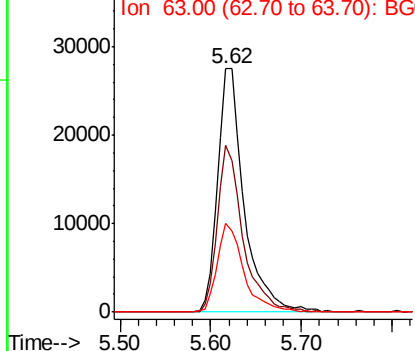
#5

2-Fluorophenol
Concen: 60.852 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.02 min
Lab File: BG038306.D
Acq: 3 Dec 2018 19:01

Tgt Ion:112 Resp: 55426
Ion Ratio Lower Upper
112 100
64 68.5 53.1 79.7
63 36.3 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: 46.179 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038306.D

Acq: 3 Dec 2018 19:01

Instrument :

BNA_G

ClientSampleId :

SVOC-FIELD-BLANK

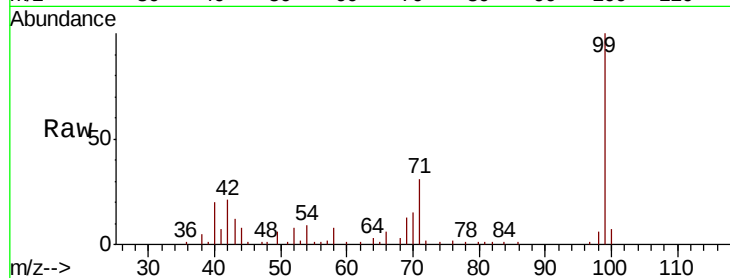
Tgt Ion: 99 Resp: 60040

Ion Ratio Lower Upper

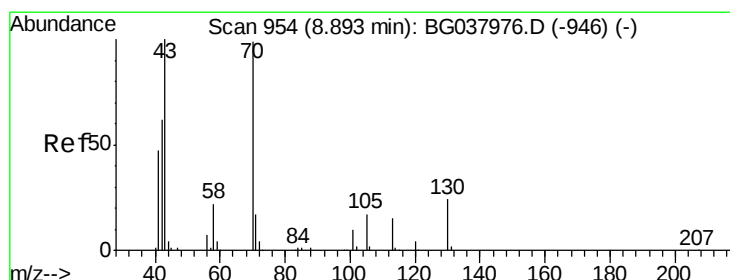
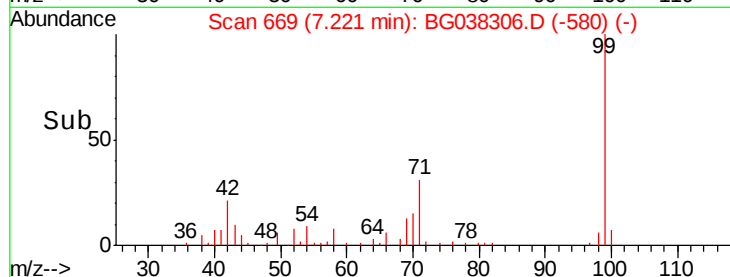
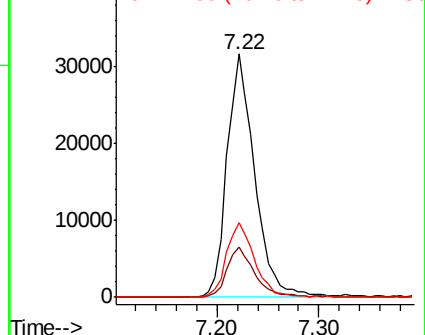
99 100

42 20.7 15.0 22.4

71 30.9 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



#19

n-Nitroso-di-n-propylamine

Concen: 12.511 ng

RT: 9.25 min Scan# 1015

Delta R.T. 0.36 min

Lab File: BG038306.D

Acq: 3 Dec 2018 19:01

Tgt Ion: 70 Resp: 11770

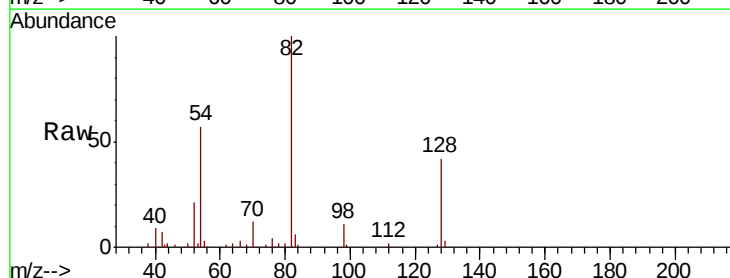
Ion Ratio Lower Upper

70 100

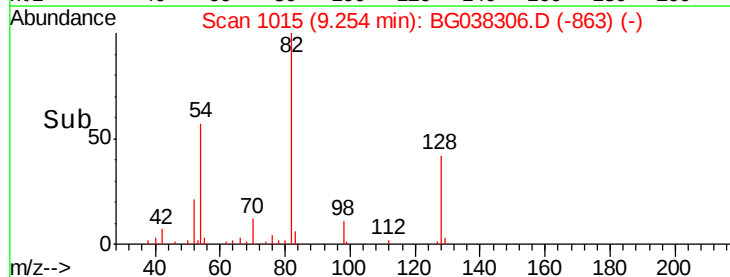
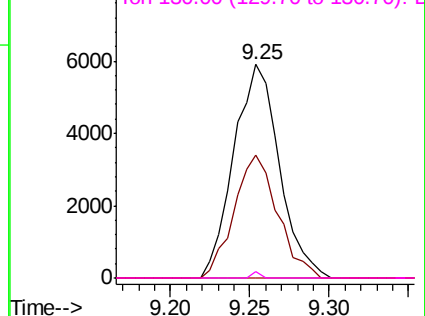
42 57.5 53.9 80.9

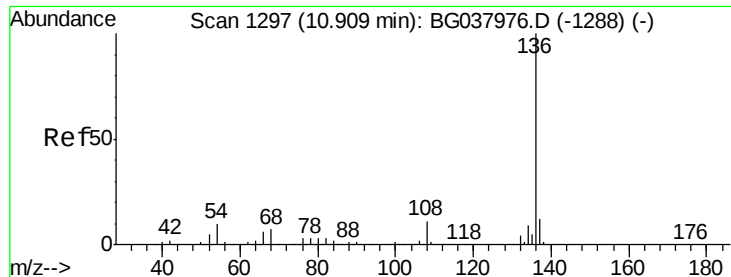
101 0.0 8.2 12.2#

130 3.1 18.2 27.4#



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: 10.90 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BG038306.D

Acq: 3 Dec 2018 19:01

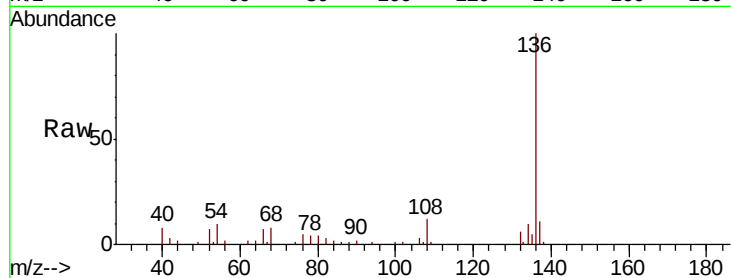
Instrument :

BNA_G

ClientSampleId :

SVOC-FIELD-BLANK

Tgt Ion:	136	Resp:	65550
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	10.0	7.9	11.9
68	7.9	4.8	7.2#

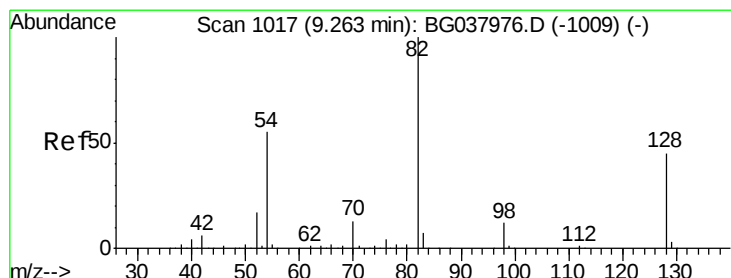
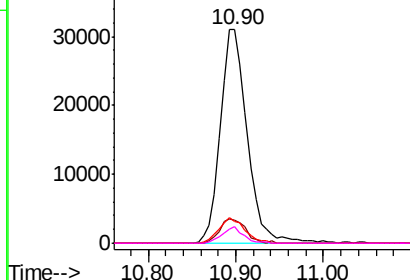
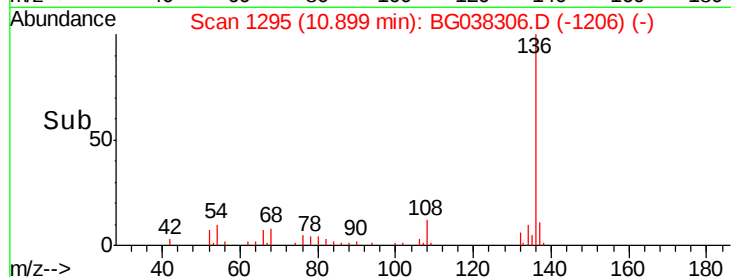


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.218 ng

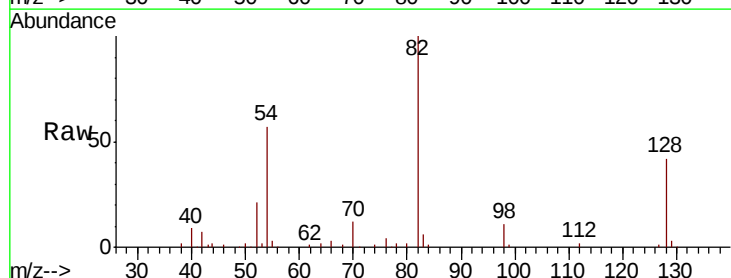
RT: 9.25 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BG038306.D

Acq: 3 Dec 2018 19:01

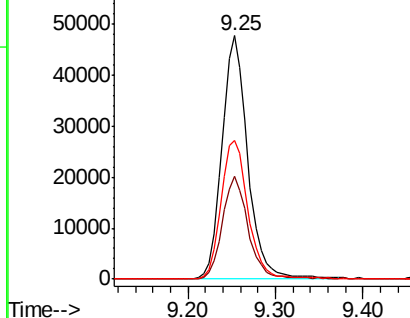
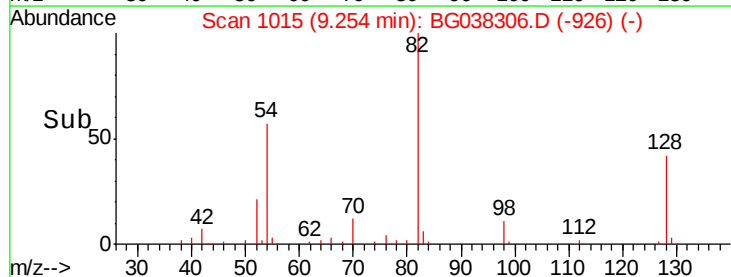
Tgt Ion:	82	Resp:	97006
Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.6	51.8
54	56.8	45.3	67.9

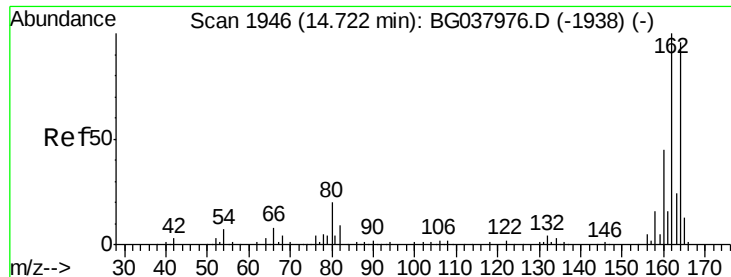


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: BG038306.D

Acq: 3 Dec 2018 19:01

Instrument :

BNA_G

ClientSampleId :

SVOC-FIELD-BLANK

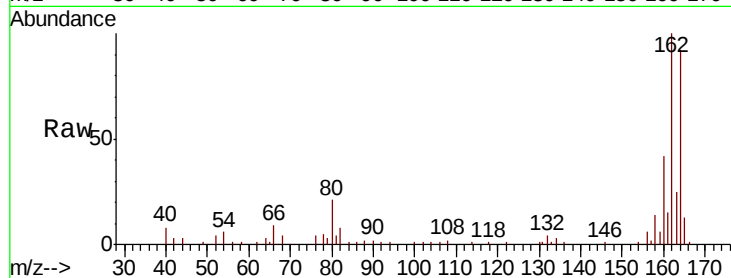
Tgt Ion:164 Resp: 50896

Ion Ratio Lower Upper

164 100

162 109.0 81.3 121.9

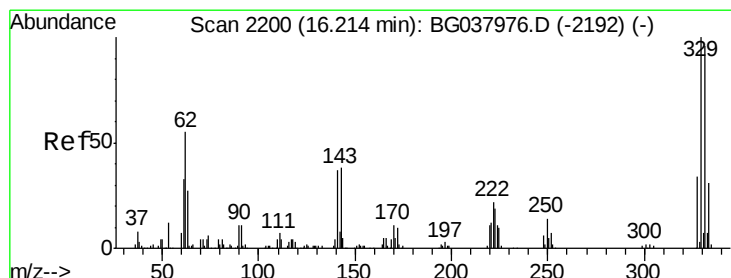
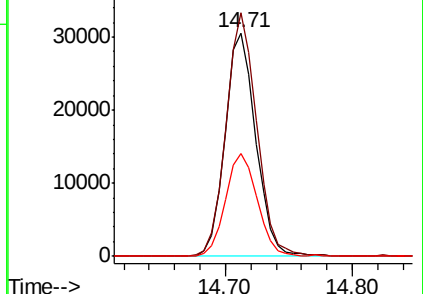
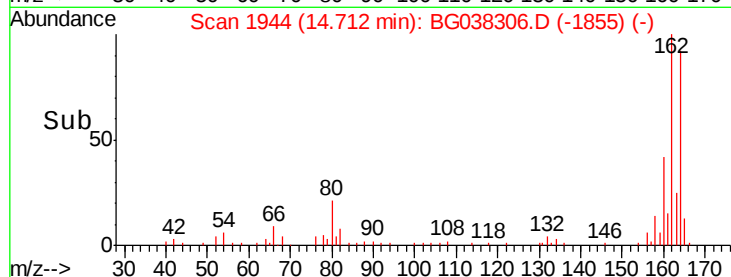
160 46.0 36.3 54.5



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: 104.793 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.02 min

Lab File: BG038306.D

Acq: 3 Dec 2018 19:01

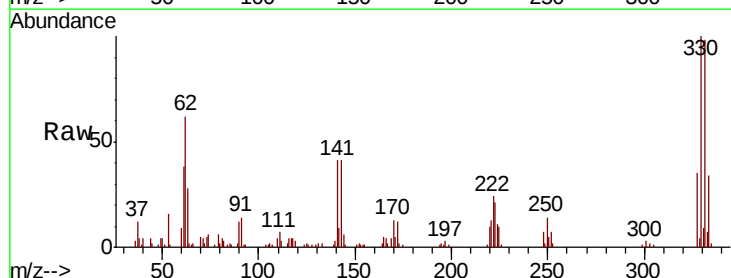
Tgt Ion:330 Resp: 60828

Ion Ratio Lower Upper

330 100

332 95.9 78.4 117.6

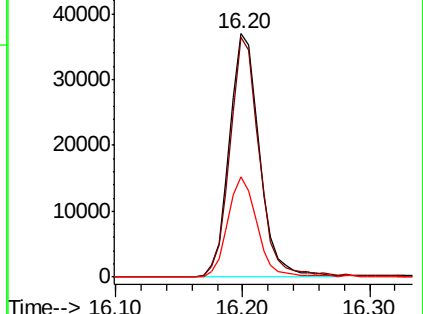
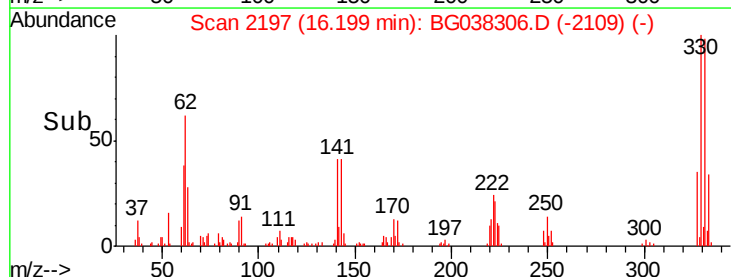
141 39.3 32.2 48.2



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

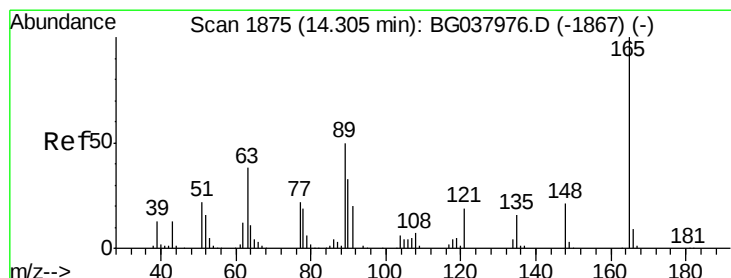
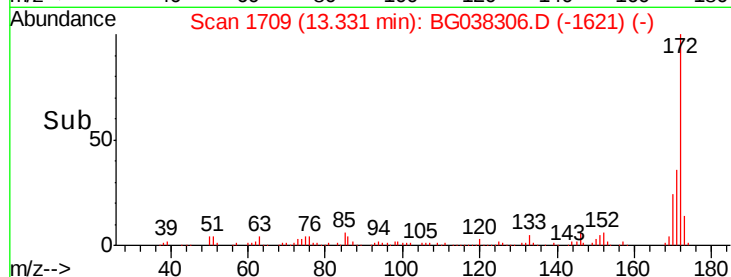
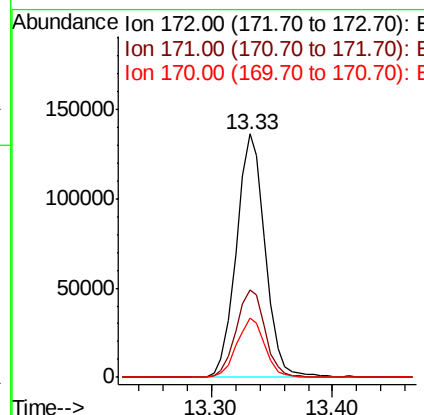
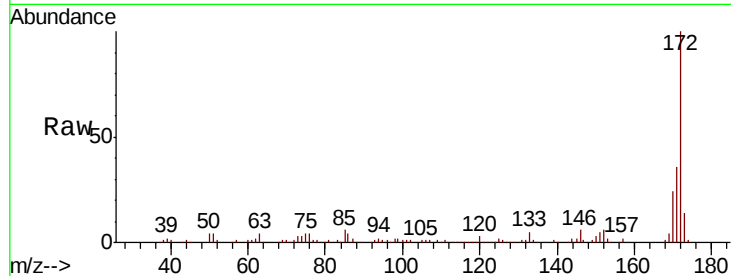




#45
 2-Fluorobiphenyl
 Concen: 64.425 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BG038306.D
 Acq: 3 Dec 2018 19:01

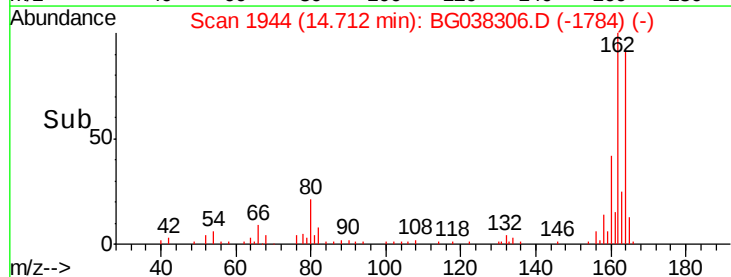
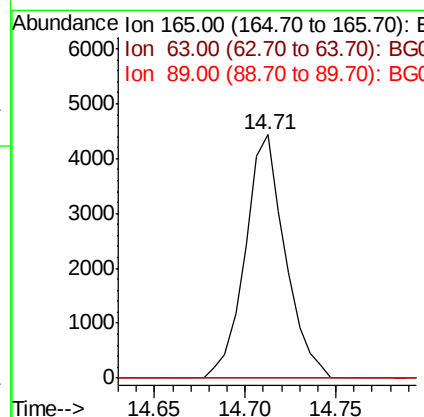
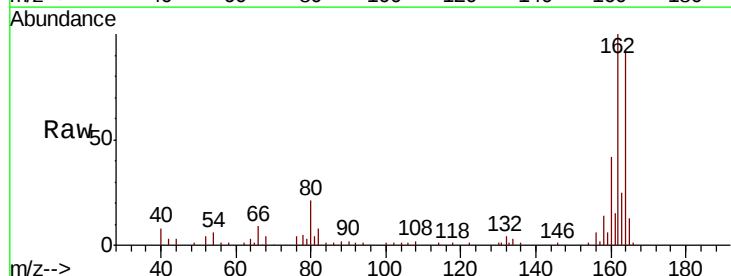
Instrument :
 BNA_G
 ClientSampleId :
 SVOC-FIELD-BLANK

Tgt Ion:172 Resp: 225073
 Ion Ratio Lower Upper
 172 100
 171 35.8 31.0 46.4
 170 24.4 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.418 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. 0.41 min
 Lab File: BG038306.D
 Acq: 3 Dec 2018 19:01

Tgt Ion:165 Resp: 6774
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.4 65.2#
 89 0.0 45.8 68.6#





#57

2,4-Dinitrotoluene

Concen: 5.452 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.37 min

Lab File: BG038306.D

Acq: 3 Dec 2018 19:01

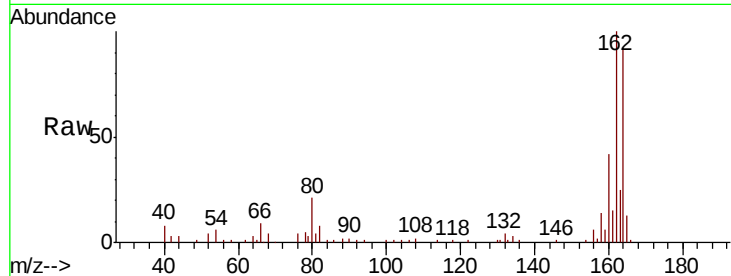
Instrument :

BNA_G

ClientSampleId :

SVOC-FIELD-BLANK

Tgt Ion:	165	Resp:	6774
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

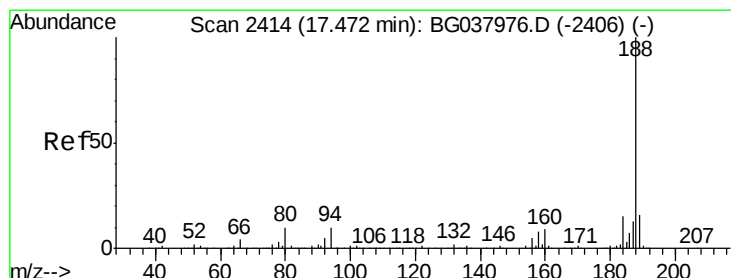
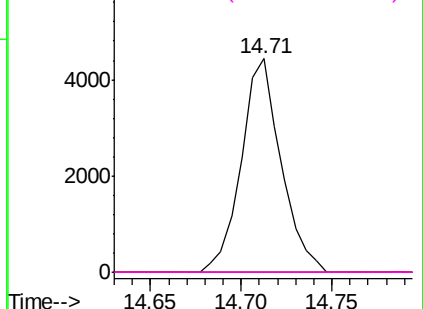
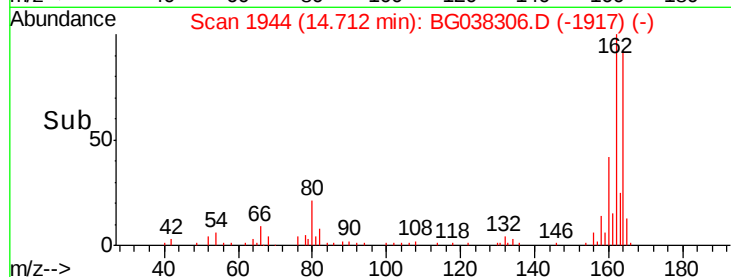


Abundance Ion 165.00 (164.70 to 165.70): E

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

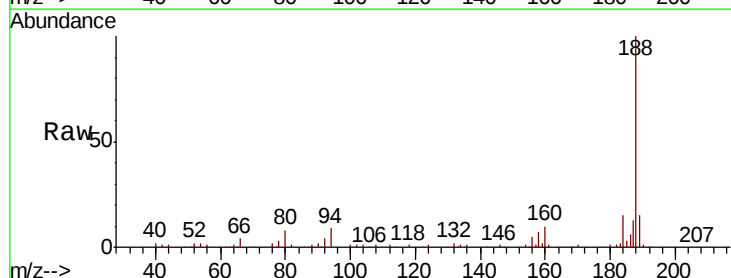
RT: 17.46 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BG038306.D

Acq: 3 Dec 2018 19:01

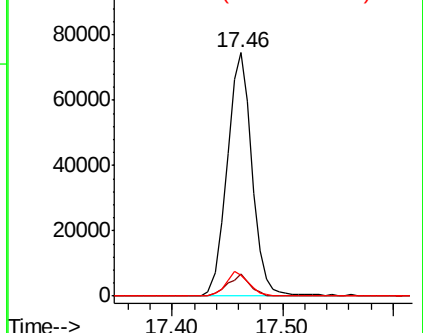
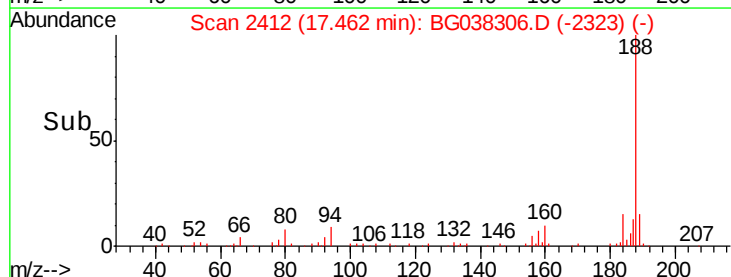
Tgt Ion:	188	Resp:	117739
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	8.5	7.7	11.5

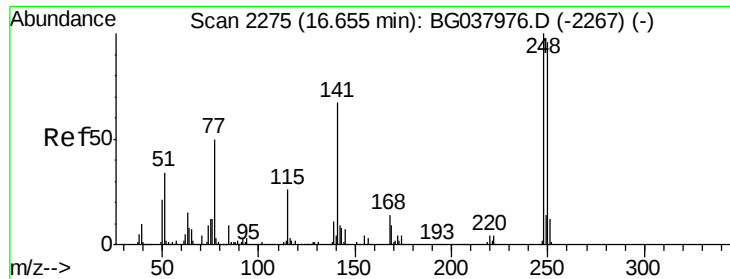


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

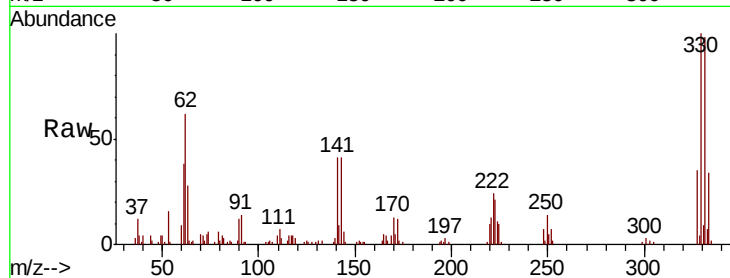




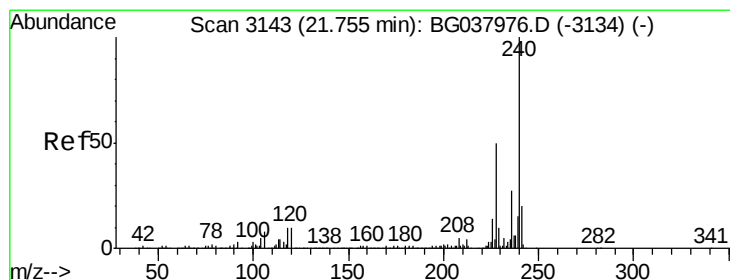
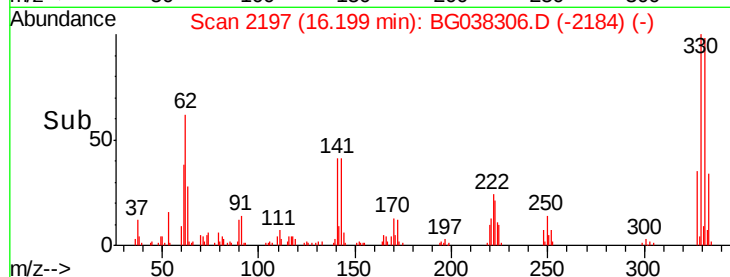
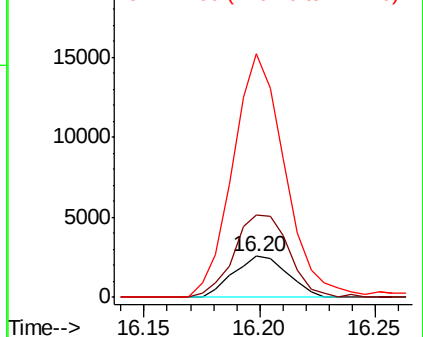
#67
 4-Bromophenyl-phenylether
 Concen: 3.237 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.46 min
 Lab File: BG038306.D
 Acq: 3 Dec 2018 19:01

Instrument :
 BNA_G
 ClientSampleId :
 SVOC-FIELD-BLANK

Tgt Ion:248 Resp: 4183
 Ion Ratio Lower Upper
 248 100
 250 207.9 77.0 115.6#
 141 457.2 55.5 83.3#

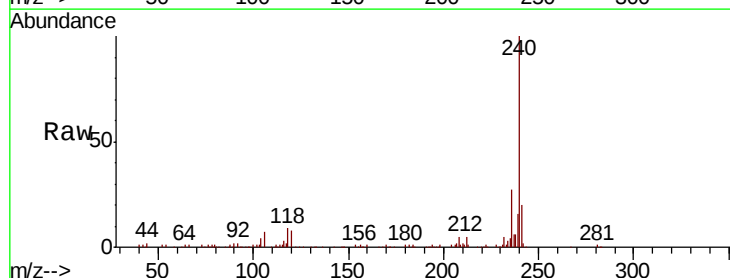


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

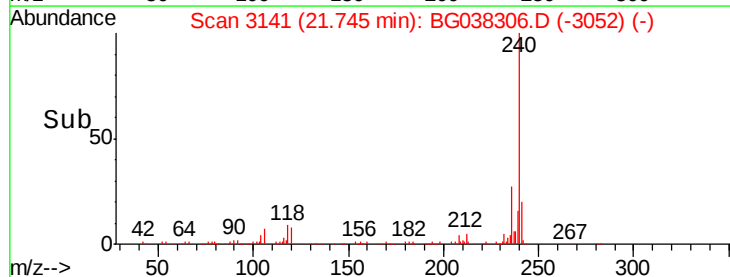
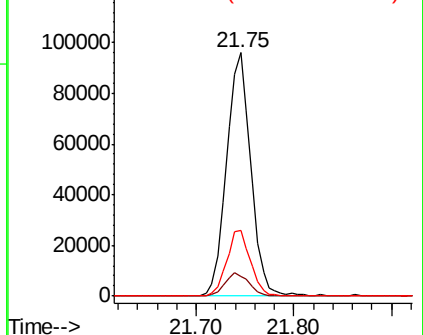


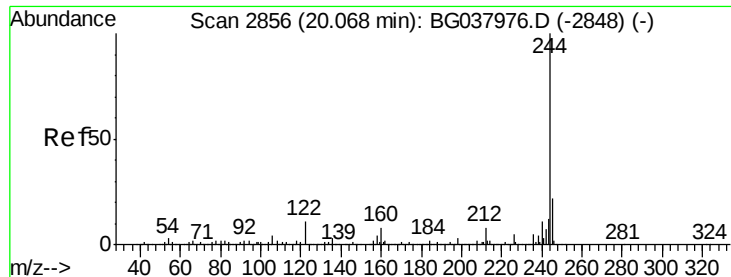
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG038306.D
 Acq: 3 Dec 2018 19:01

Tgt Ion:240 Resp: 165351
 Ion Ratio Lower Upper
 240 100
 120 8.1 8.1 12.1
 236 27.0 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: 84.688 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038306.D

Acq: 3 Dec 2018 19:01

Instrument :

BNA_G

ClientSampleId :

SVOC-FIELD-BLANK

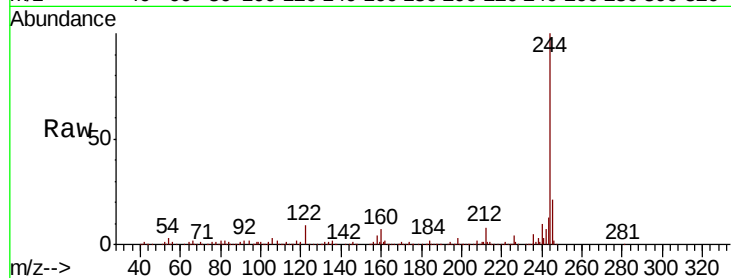
Tgt Ion:244 Resp: 595119

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

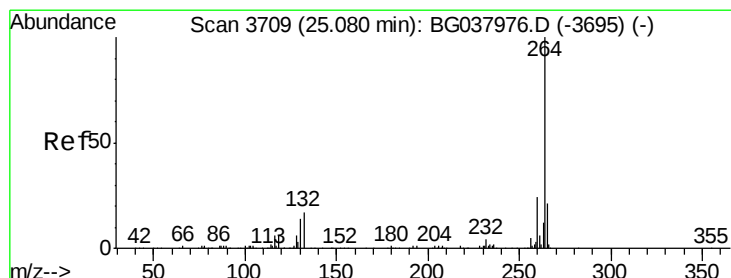
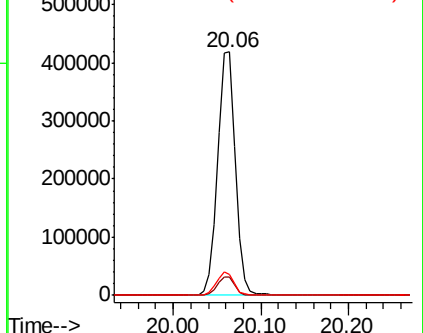
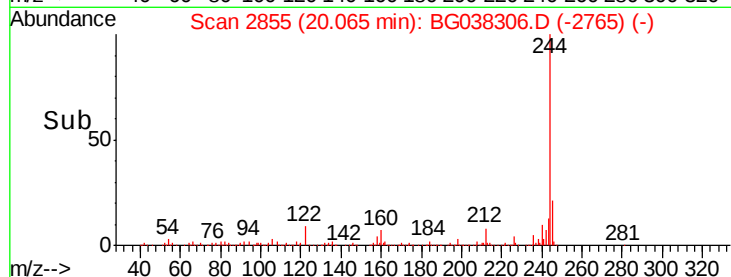
122 8.8 9.0 13.4#



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: 25.06 min Scan# 3705

Delta R.T. -0.02 min

Lab File: BG038306.D

Acq: 3 Dec 2018 19:01

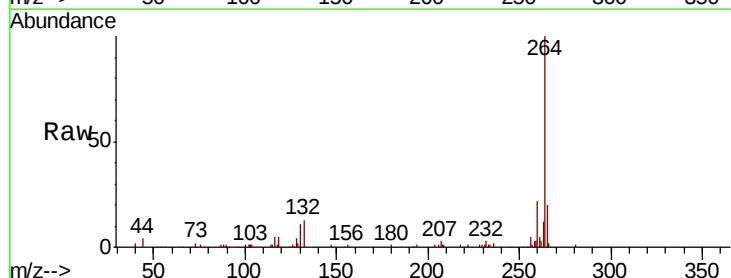
Tgt Ion:264 Resp: 165174

Ion Ratio Lower Upper

264 100

260 22.4 18.2 27.4

265 19.6 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

