

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\
 Data File : BG038441.D
 Acq On : 10 Dec 2018 16:20
 Operator : JU/SJ
 Sample : J6296-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 10 17:59:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

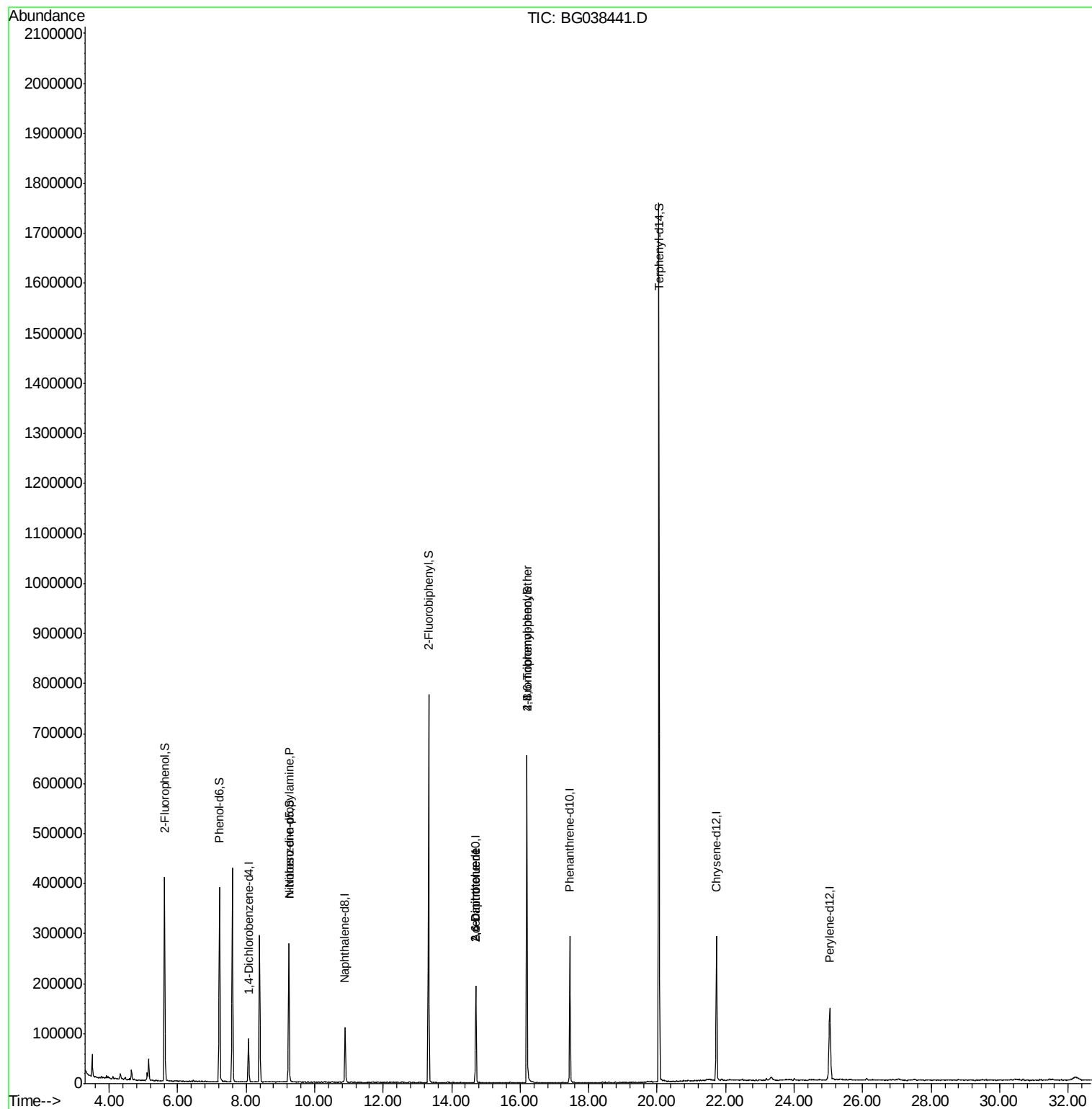
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	24932	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	102213	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	68979	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	183263	20.00	ng	0.00
76) Chrysene-d12	21.73	240	182533	20.00	ng	0.00
87) Perylene-d12	25.04	264	182642	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	173378	123.06	ng	0.00
7) Phenol-d6	7.22	99	228045	111.99	ng	0.00
23) Nitrobenzene-d5	9.25	82	171344	83.23	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	131104	154.82	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	419755	86.71	ng	0.00
79) Terphenyl-d14	20.05	244	832832	97.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.25	70	22628	13.826	ng	# 76
51) 2,6-Dinitrotoluene	14.71	165	8885	7.030	ng	# 23
57) 2,4-Dinitrotoluene	14.71	165	8885	5.097	ng	# 23
67) 4-Bromophenyl-phenylether	16.19	248	8736	4.414	ng	# 1

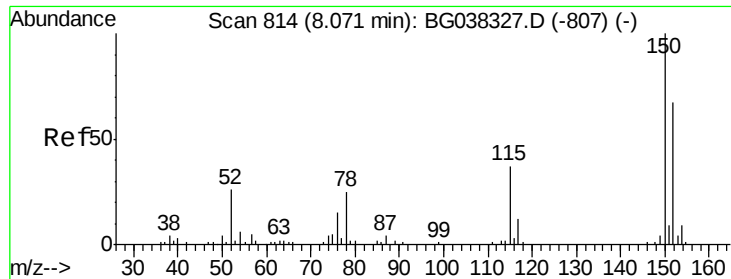
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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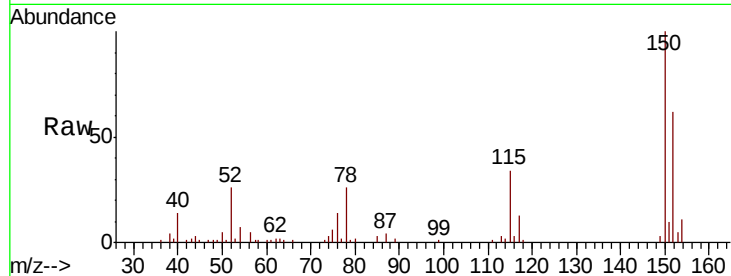


#1

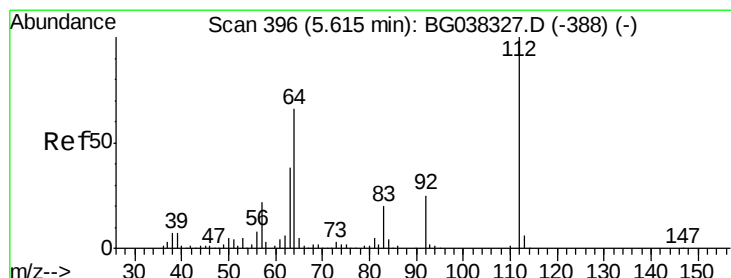
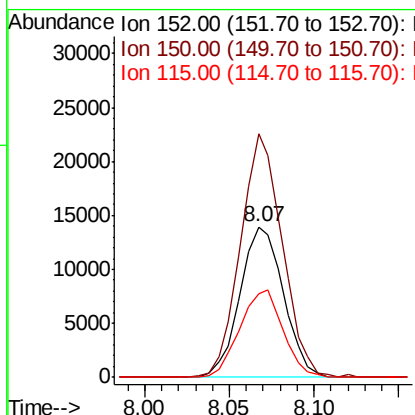
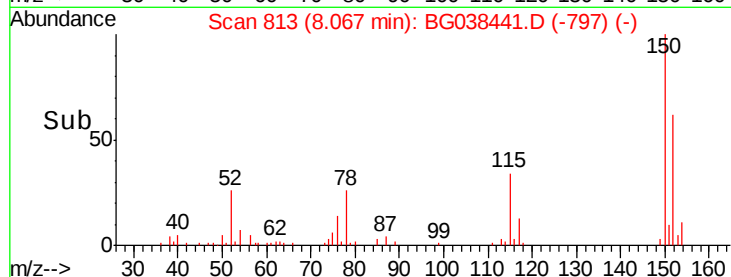
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BG038441.D
 Acq: 10 Dec 2018 16:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.9	126.0	189.0
115	55.7	45.5	68.3



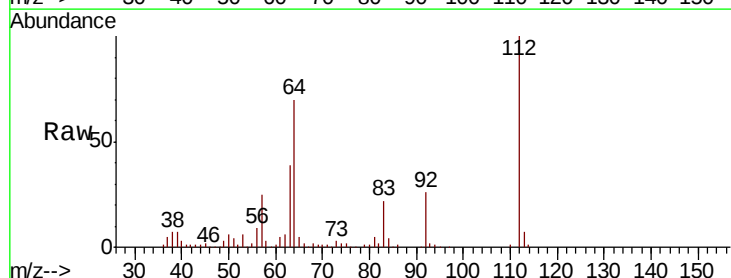
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



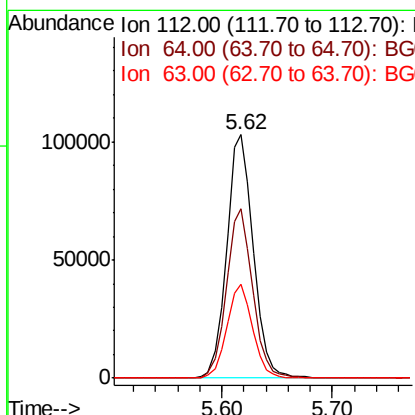
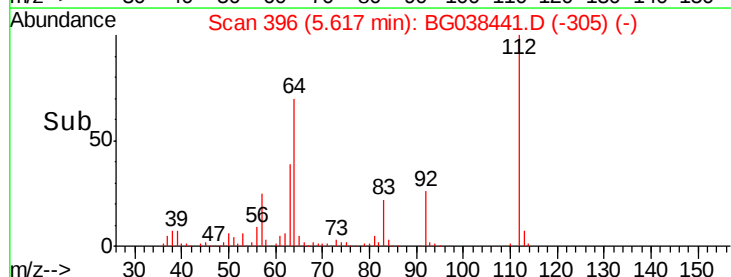
#5

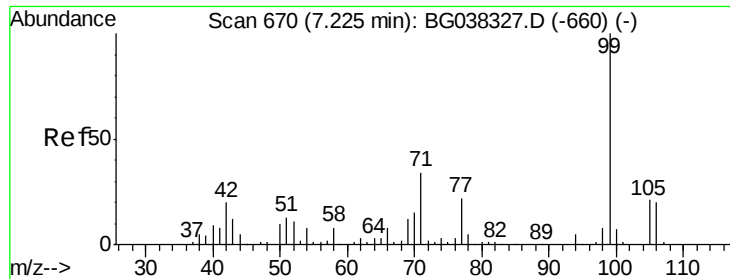
2-Fluorophenol
 Concen: 123.062 ng
 RT: 5.62 min Scan# 396
 Delta R.T. 0.00 min
 Lab File: BG038441.D
 Acq: 10 Dec 2018 16:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.6	53.1	79.7
63	38.7	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: 111.990 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG038441.D

Acq: 10 Dec 2018 16:20

Instrument :

BNA_G

ClientSampleId :

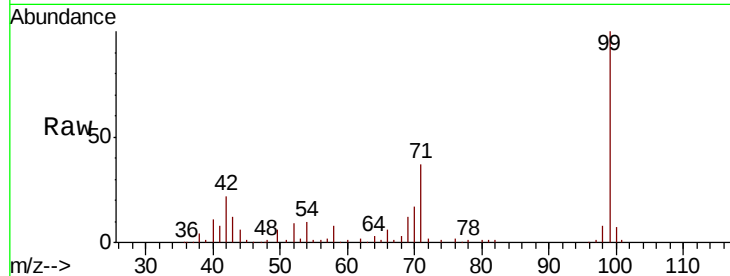
Tot Ion: 99 Resp: 228045

Ion Ratio Lower Upper

99 100

42 22.3 15.0 22.4

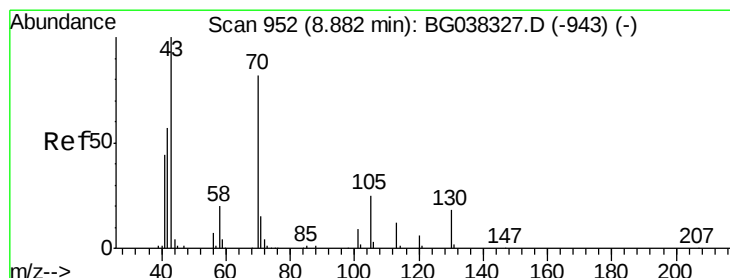
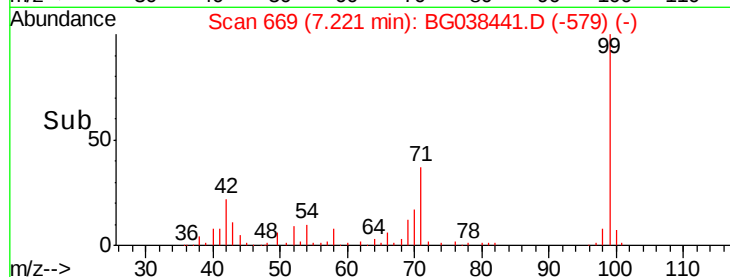
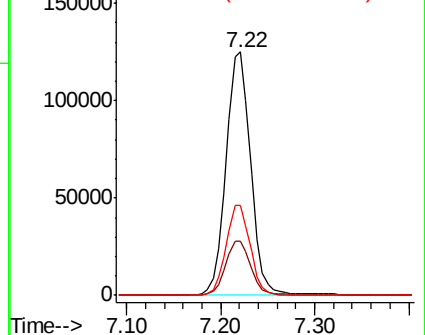
71 37.1 25.5 38.3



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: 13.826 ng

RT: 9.25 min Scan# 1014

Delta R.T. 0.37 min

Lab File: BG038441.D

Acq: 10 Dec 2018 16:20

Tgt Ion: 70 Resp: 22628

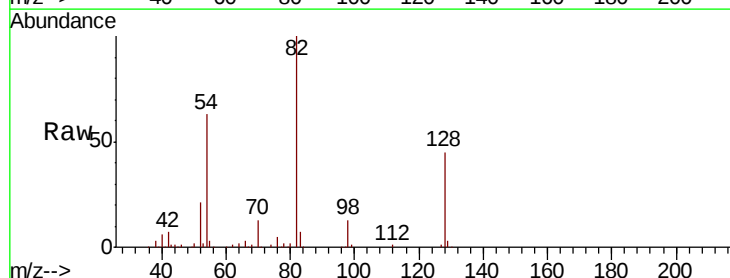
Ion Ratio Lower Upper

70 100

42 53.2 53.9 80.9#

101 0.0 8.2 12.2#

130 2.7 18.2 27.4#

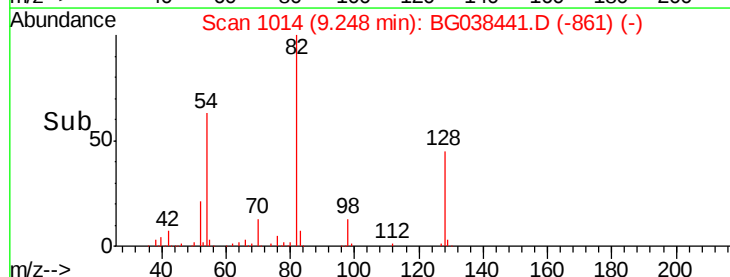
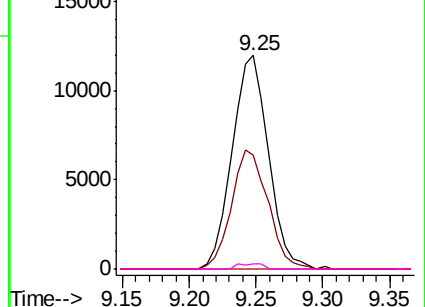


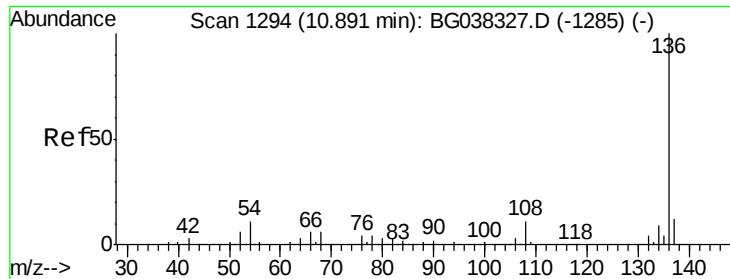
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

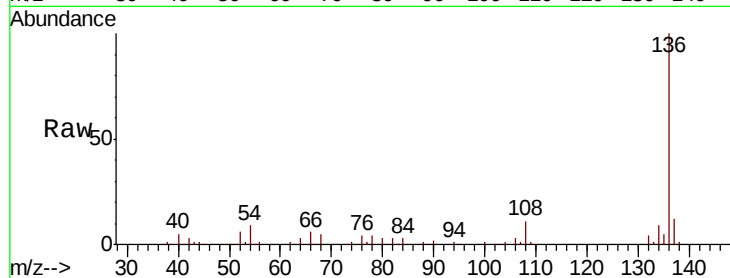




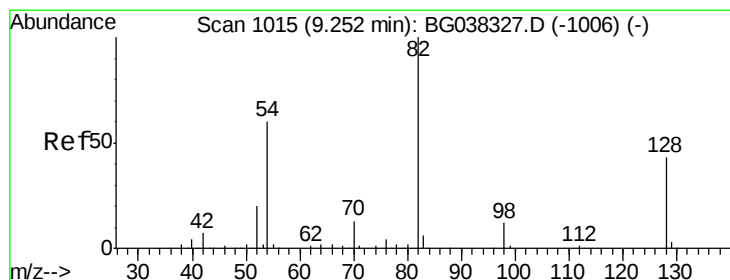
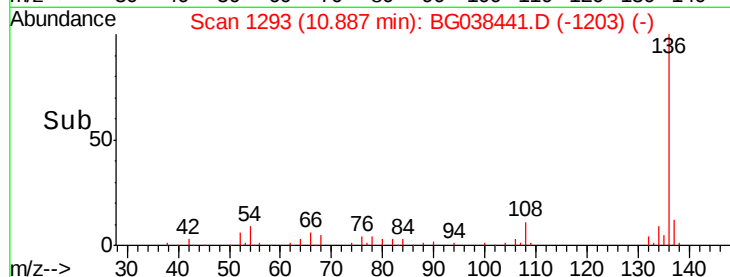
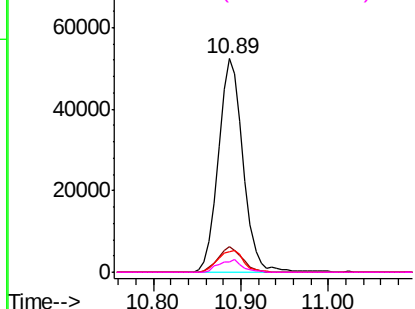
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG038441.D
Acq: 10 Dec 2018 16:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	102213
Ion	Ratio	Lower Upper
136	100	
137	12.0	9.6 14.4
54	9.4	7.9 11.9
68	5.1	4.8 7.2

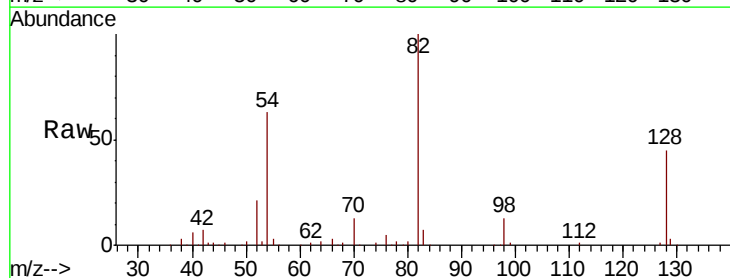


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

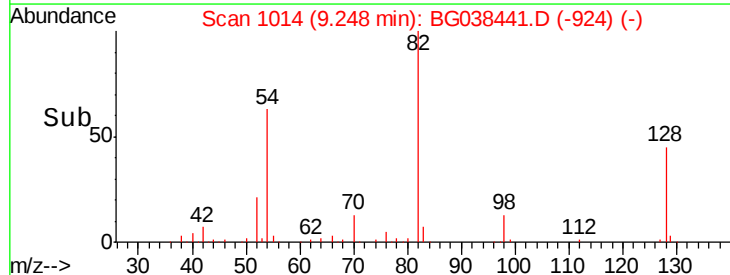
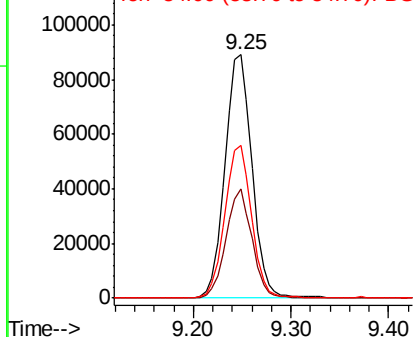


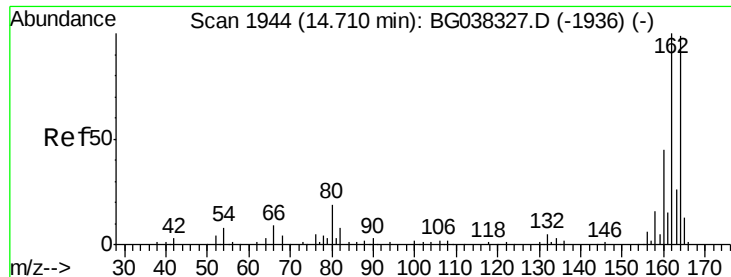
#23
Nitrobenzene-d5
Concen: 83.227 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG038441.D
Acq: 10 Dec 2018 16:20

Tgt Ion: 82	Resp:	171344
Ion	Ratio	Lower Upper
82	100	
128	44.9	34.6 51.8
54	62.7	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# 1943

Delta R.T. -0.00 min

Lab File: BG038441.D

Acq: 10 Dec 2018 16:20

Instrument :

BNA_G

ClientSampleId :

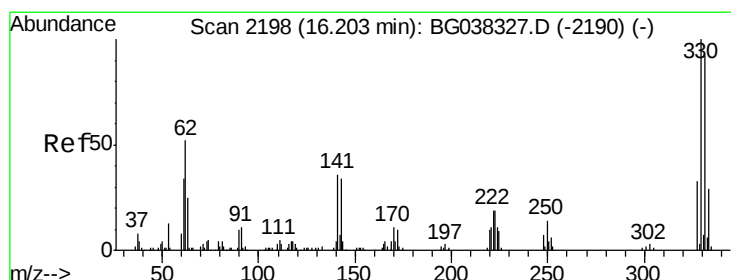
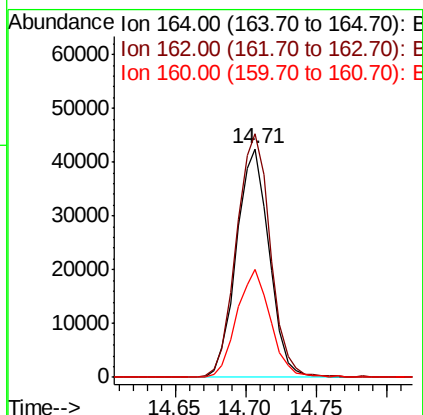
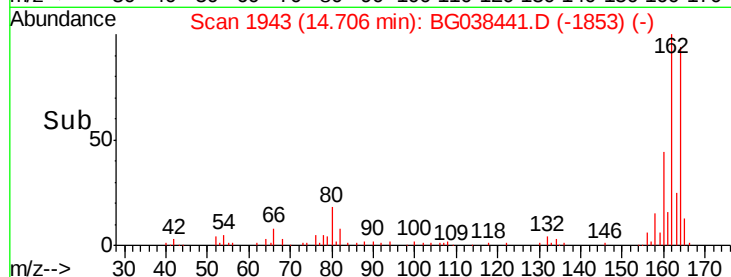
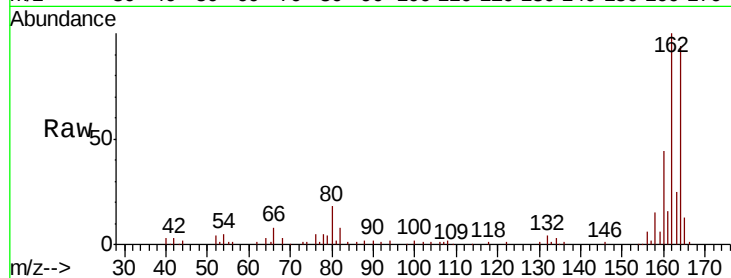
Tot Ion:164 Resp: 68979

Ion Ratio Lower Upper

164 100

162 106.6 81.3 121.9

160 47.2 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 154.823 ng

RT: 16.19 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG038441.D

Acq: 10 Dec 2018 16:20

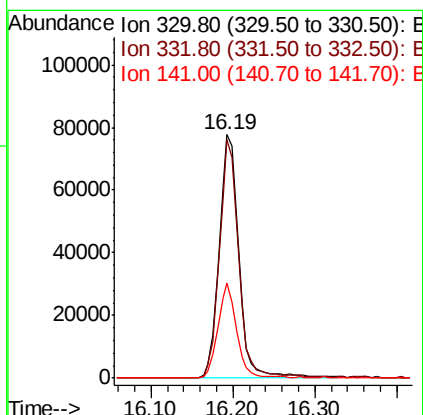
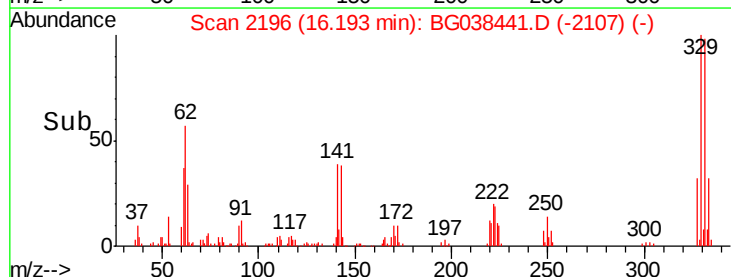
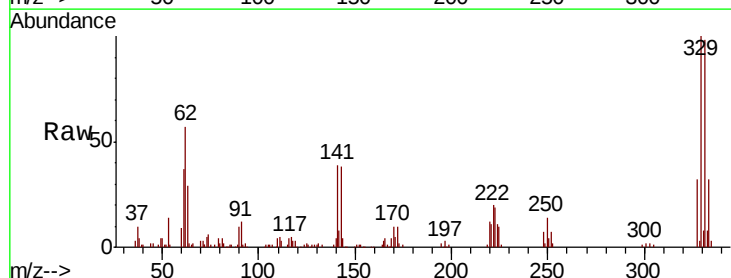
Tgt Ion:330 Resp: 131104

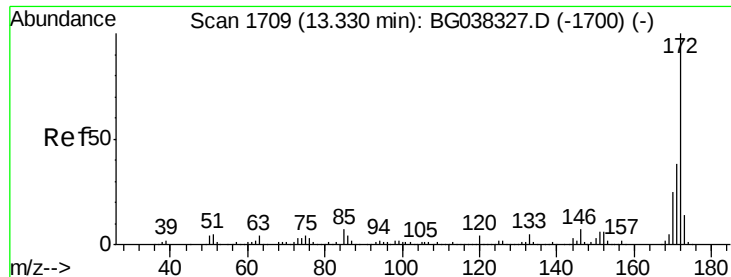
Ion Ratio Lower Upper

330 100

332 95.1 78.4 117.6

141 36.8 32.2 48.2

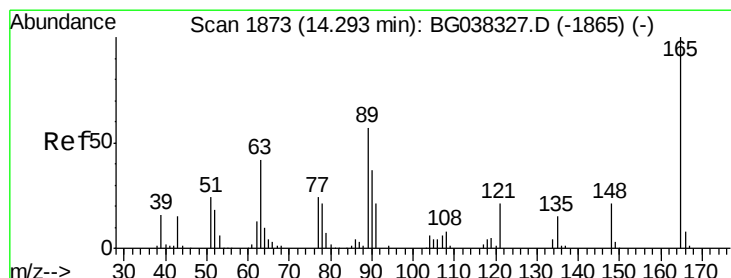
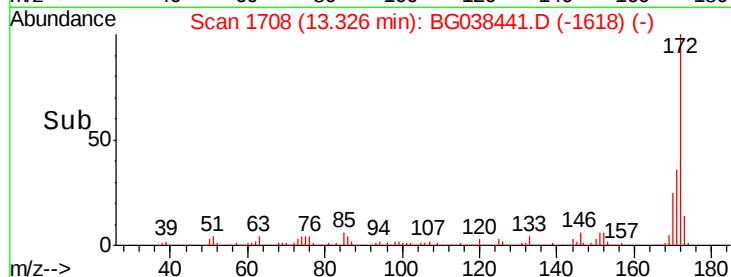
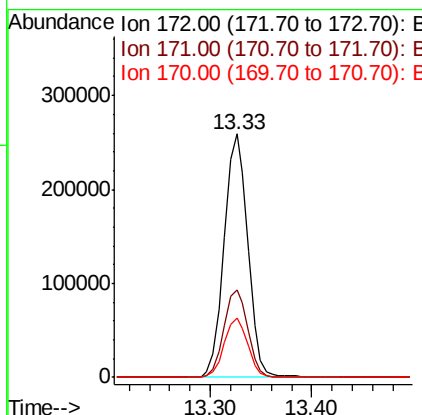
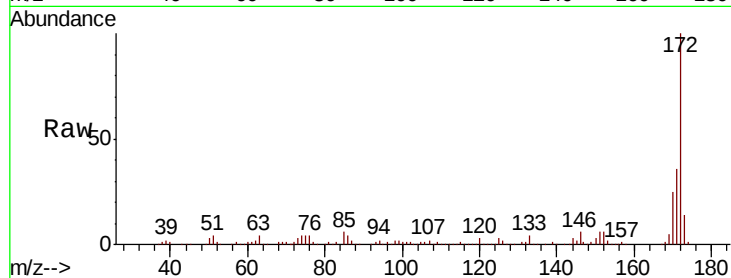




#45
 2-Fluorobiphenyl
 Concen: 86.710 ng
 RT: 13.33 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG038441.D
 Acq: 10 Dec 2018 16:20

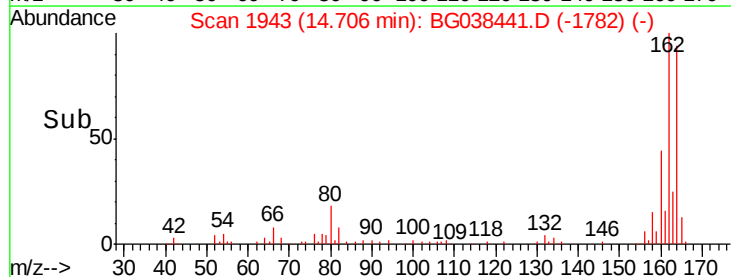
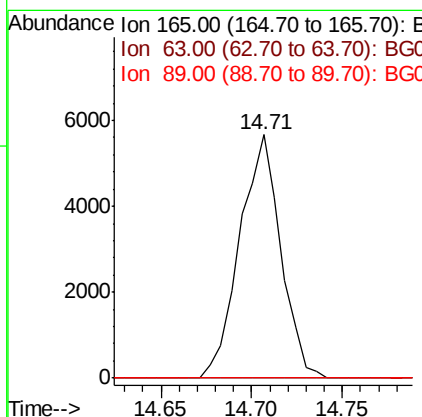
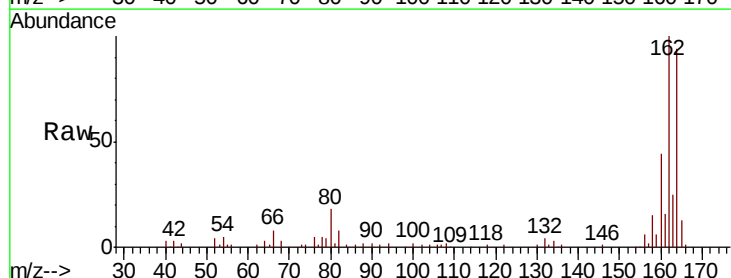
Instrument :
 BNA_G
 ClientSampleId :

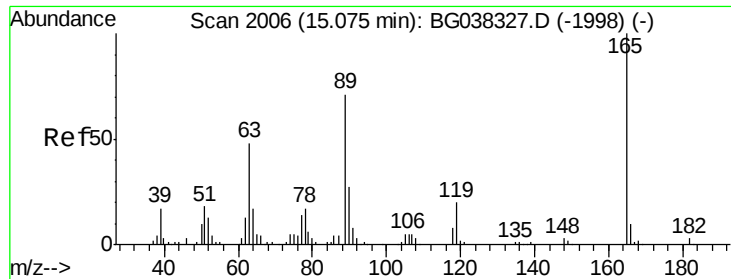
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	31.0	46.4
170	24.5	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.030 ng
 RT: 14.71 min Scan# 1943
 Delta R.T. 0.41 min
 Lab File: BG038441.D
 Acq: 10 Dec 2018 16:20

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

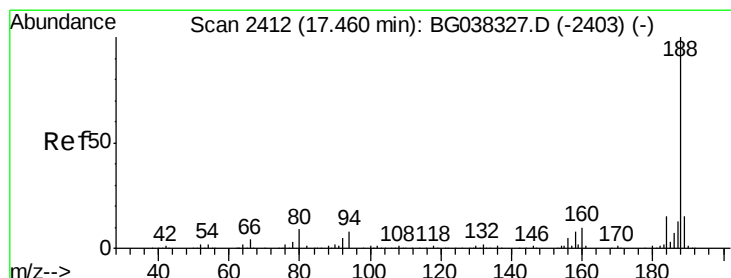
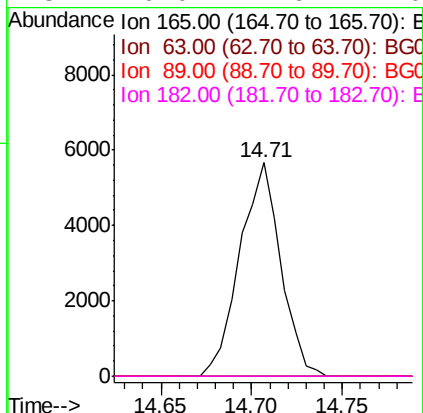
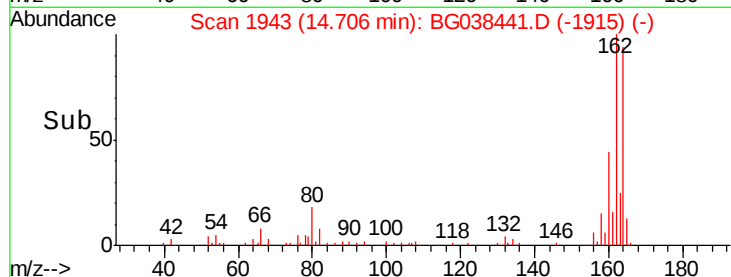
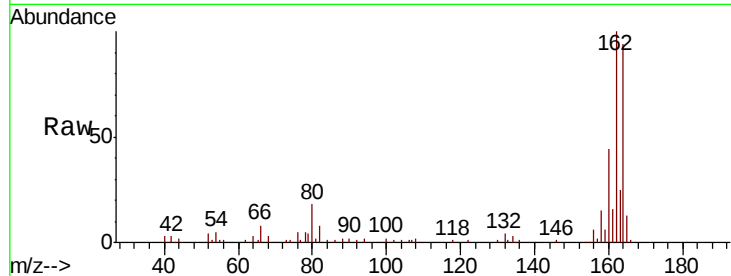




#57
 2,4-Dinitrotoluene
 Concen: 5.097 ng
 RT: 14.71 min Scan# 1943
 Delta R.T. -0.37 min
 Lab File: BG038441.D
 Acq: 10 Dec 2018 16:20

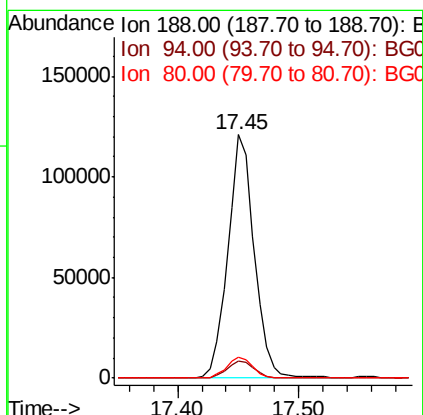
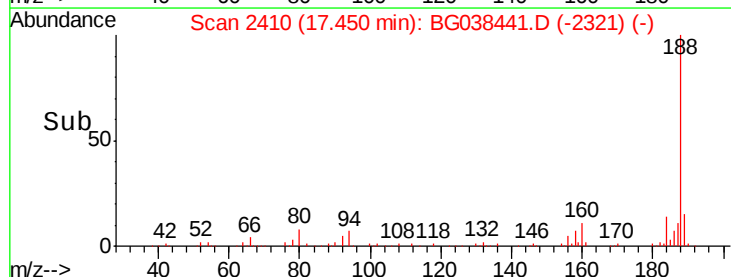
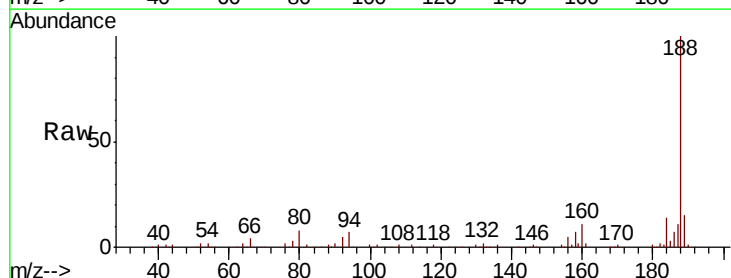
Instrument :
 BNA_G
 ClientSampleId :

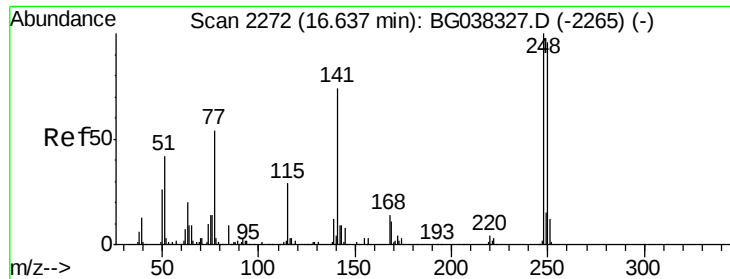
Tot Ion:	165	Resp:	8885
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2410
 Delta R.T. -0.01 min
 Lab File: BG038441.D
 Acq: 10 Dec 2018 16:20

Tgt Ion:	188	Resp:	183263
Ion	Ratio	Lower	Upper
188	100		
94	7.0	7.2	10.8#
80	8.3	7.7	11.5

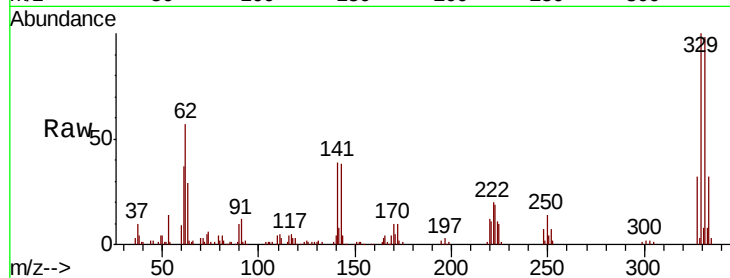




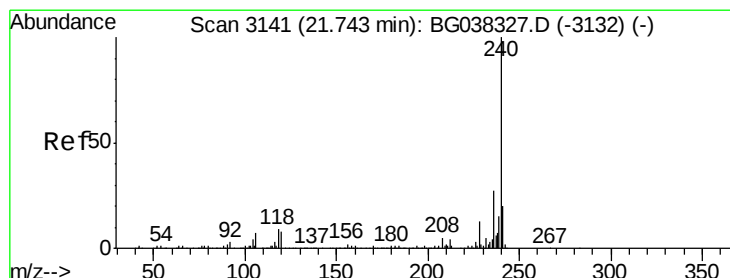
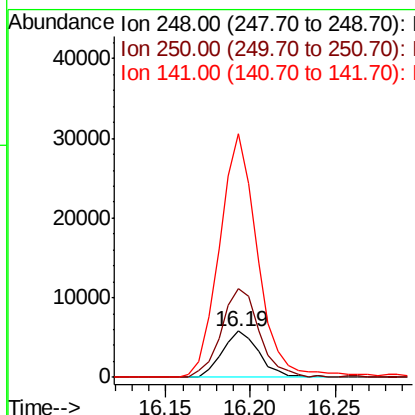
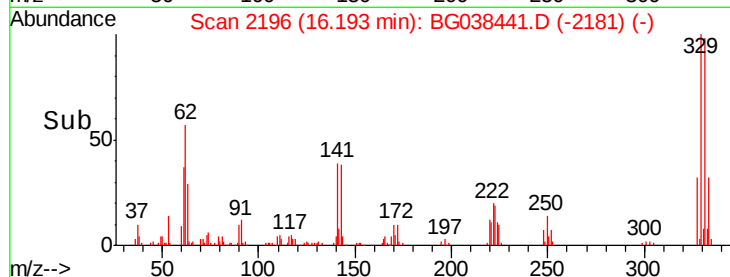
#67
4-Bromophenyl-phenylether
Concen: 4.414 ng
RT: 16.19 min Scan# 2196
Delta R.T. -0.44 min
Lab File: BG038441.D
Acq: 10 Dec 2018 16:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 8736
Ion Ratio Lower Upper
248 100
250 190.5 77.0 115.6#
141 403.3 55.5 83.3#

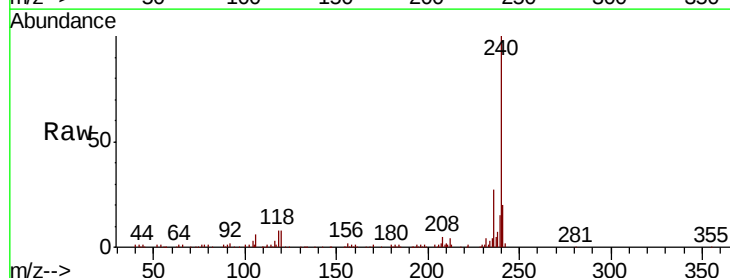


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

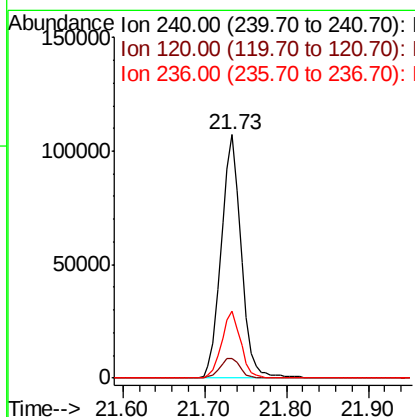
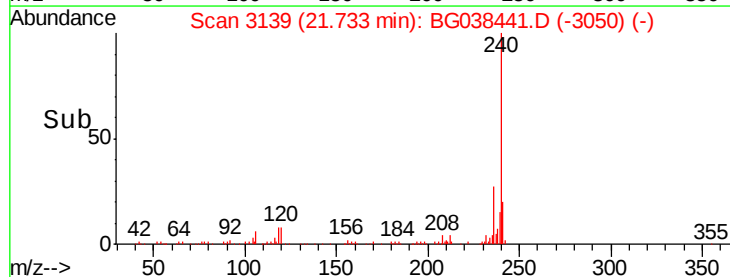


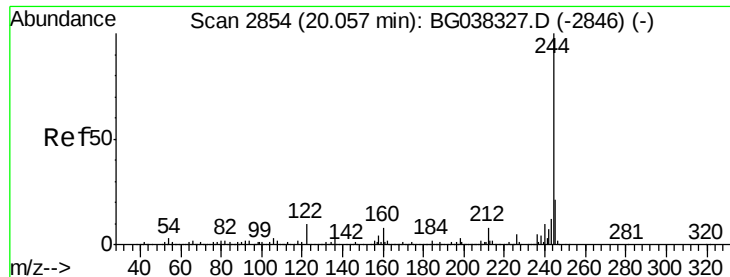
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038441.D
Acq: 10 Dec 2018 16:20

Tgt Ion:240 Resp: 182533
Ion Ratio Lower Upper
240 100
120 8.2 8.1 12.1
236 27.4 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: 97.743 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG038441.D

Acq: 10 Dec 2018 16:20

Instrument :

BNA_G

ClientSampleId :

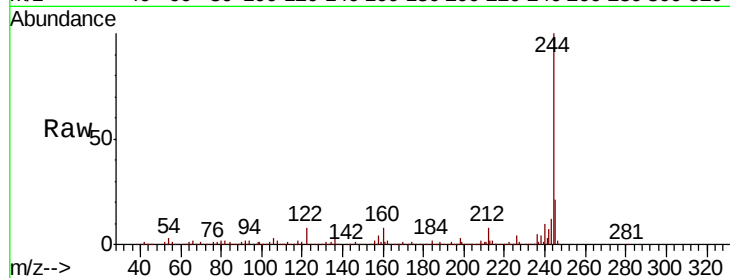
Tot Ion:244 Resp: 832832

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

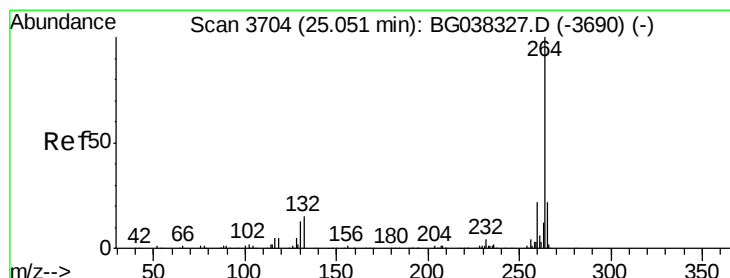
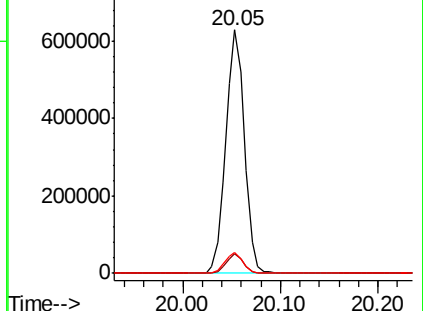
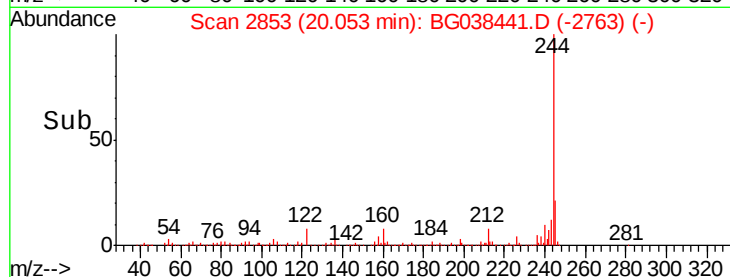
122 8.5 9.0 13.4#



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: 25.04 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG038441.D

Acq: 10 Dec 2018 16:20

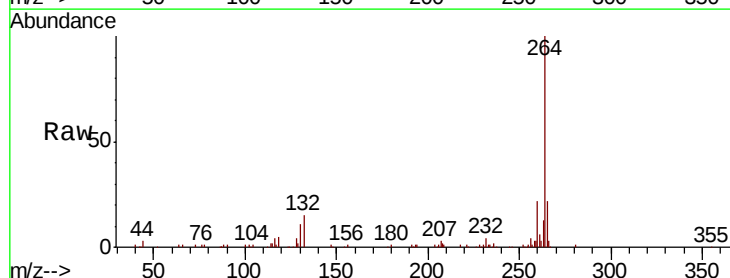
Tgt Ion:264 Resp: 182642

Ion Ratio Lower Upper

264 100

260 22.4 18.2 27.4

265 22.1 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

