

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
 Data File : BG038362.D
 Acq On : 5 Dec 2018 16:18
 Operator : JU/SJ
 Sample : PB115249BL
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 05 16:55:43 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

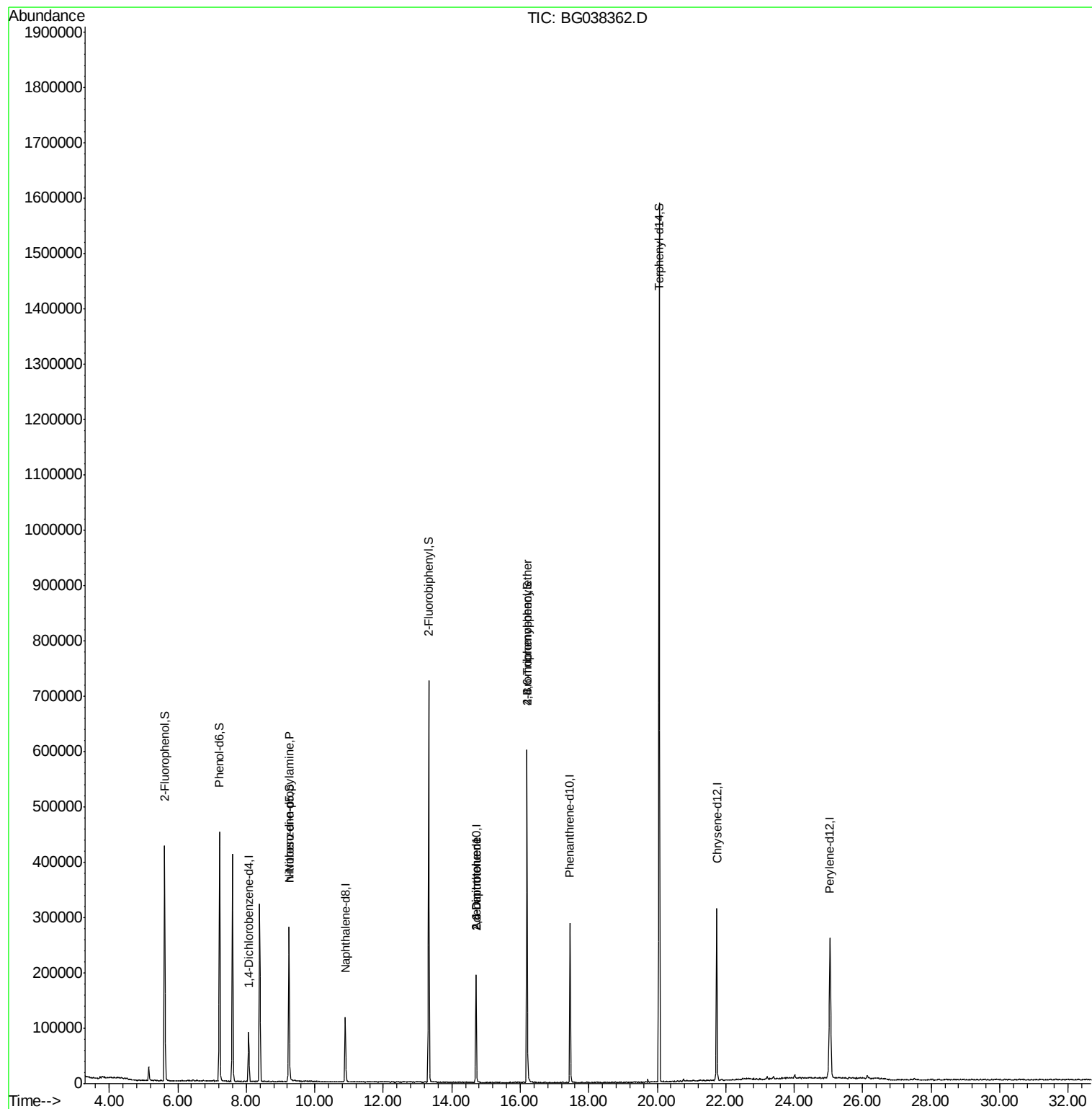
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	25286	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	108412	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	72205	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	192882	20.00	ng	0.00
76) Chrysene-d12	21.74	240	193246	20.00	ng	0.00
87) Perylene-d12	25.04	264	281138	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	188960	132.24	ng	0.00
7) Phenol-d6	7.22	99	267089	129.33	ng	0.00
23) Nitrobenzene-d5	9.25	82	183346	83.96	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	114983	129.72	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	397026	78.35	ng	0.00
79) Terphenyl-d14	20.06	244	771378	85.51	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.25	70	23810	14.428	ng	# 73
51) 2,6-Dinitrotoluene	14.70	165	9394	7.101	ng	# 23
57) 2,4-Dinitrotoluene	14.70	165	9394	5.148	ng	# 23
67) 4-Bromophenyl-phenylether	16.20	248	7817	3.753	ng	# 1

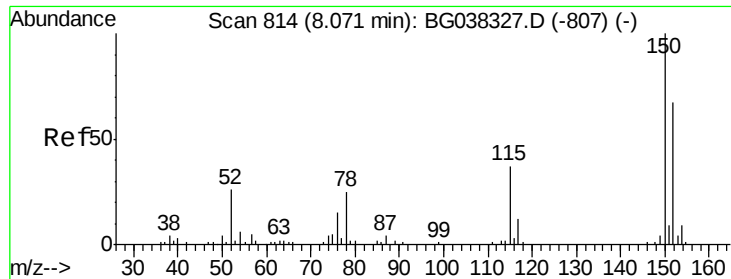
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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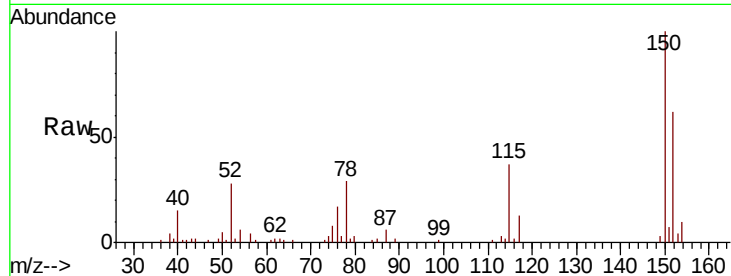


#1

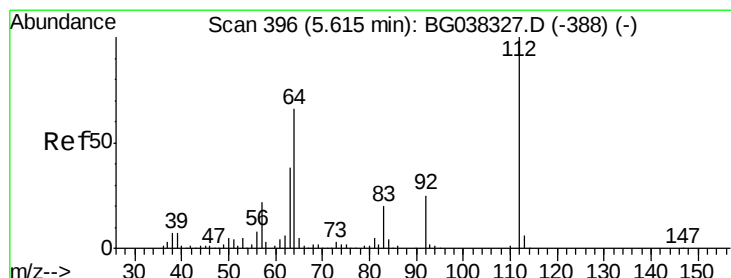
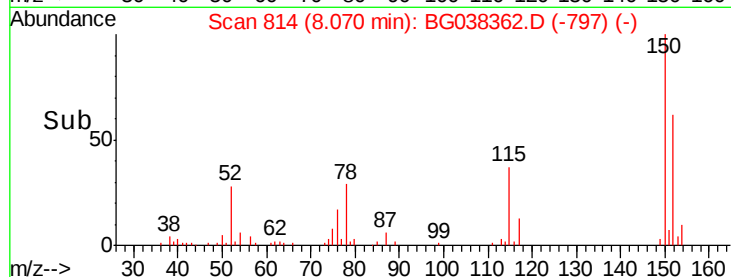
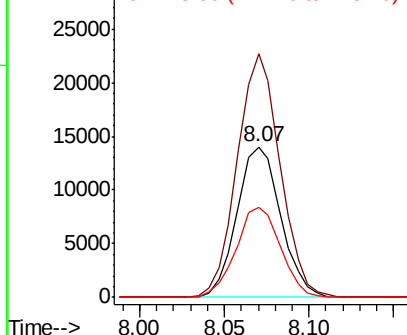
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038362.D
Acq: 5 Dec 2018 16:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 25286
Ion Ratio Lower Upper
152 100
150 161.5 126.0 189.0
115 59.5 45.5 68.3



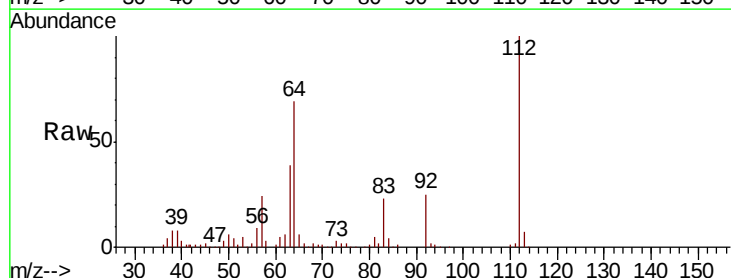
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



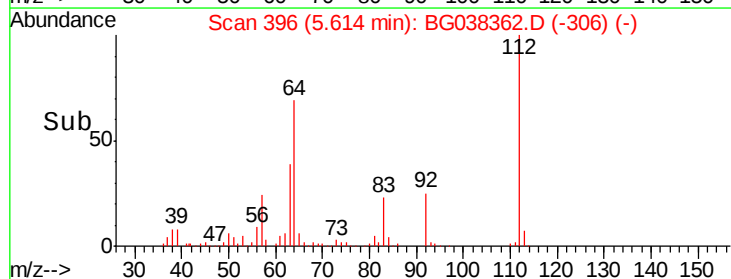
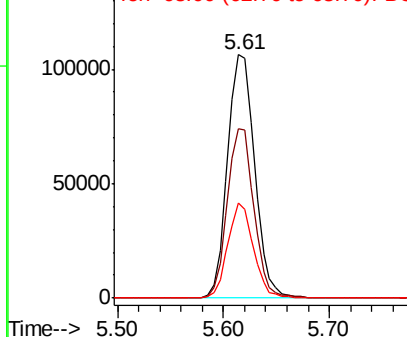
#5

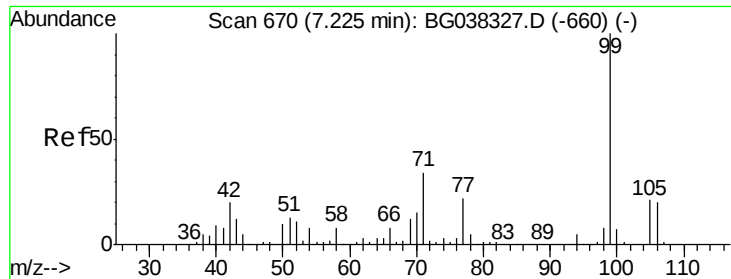
2-Fluorophenol
Concen: 132.244 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG038362.D
Acq: 5 Dec 2018 16:18

Tgt Ion:112 Resp: 188960
Ion Ratio Lower Upper
112 100
64 69.5 53.1 79.7
63 39.3 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: 129.328 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038362.D

Acq: 5 Dec 2018 16:18

Instrument :

BNA_G

ClientSampleId :

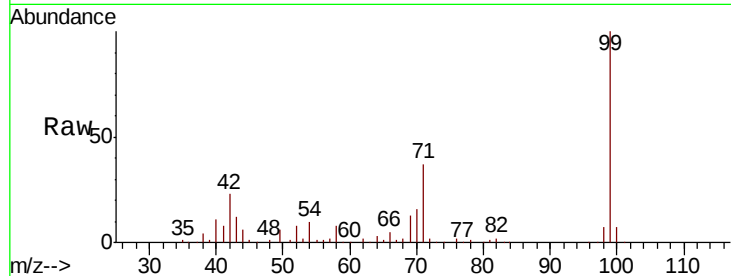
Tot Ion: 99 Resp: 267089

Ion Ratio Lower Upper

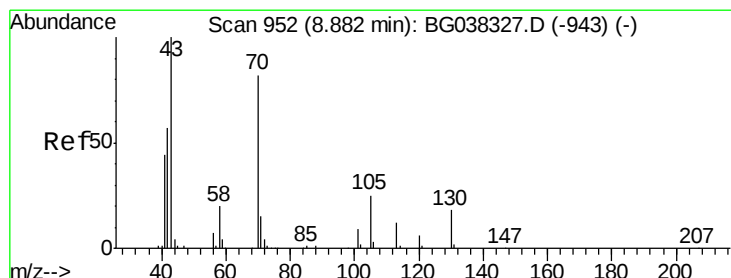
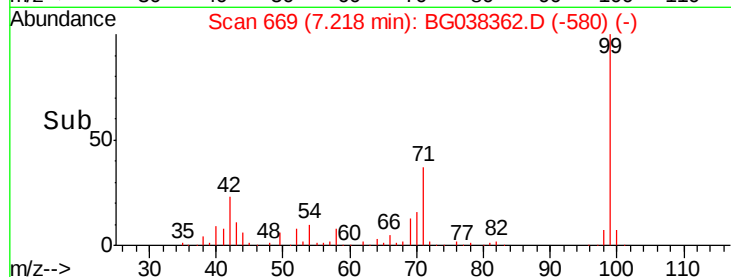
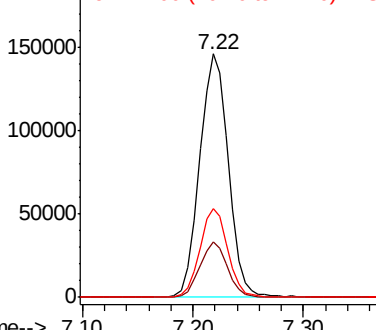
99 100

42 23.0 15.0 22.4#

71 36.7 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: 14.428 ng

RT: 9.25 min Scan# 1014

Delta R.T. 0.36 min

Lab File: BG038362.D

Acq: 5 Dec 2018 16:18

Tgt Ion: 70 Resp: 23810

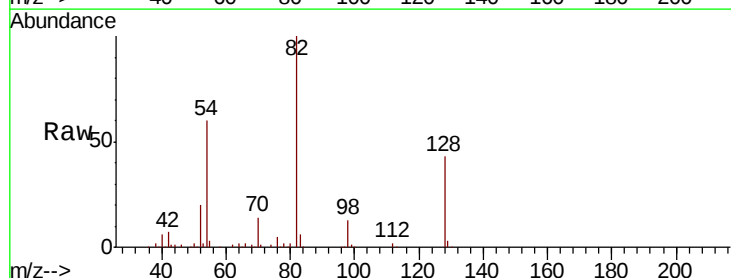
Ion Ratio Lower Upper

70 100

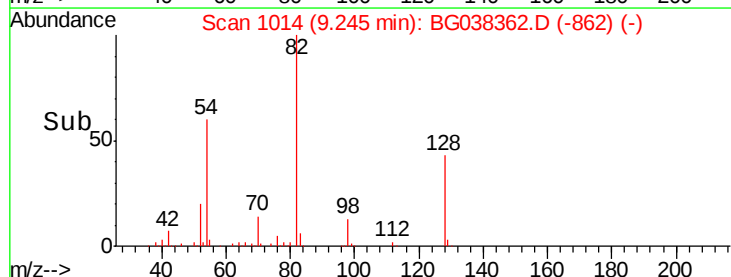
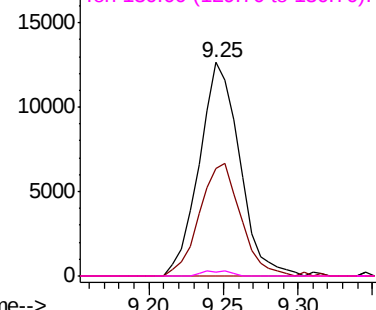
42 50.6 53.9 80.9#

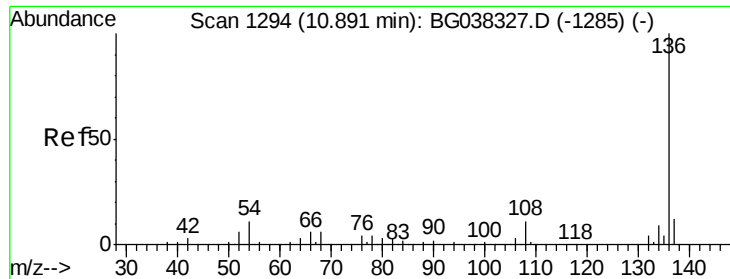
101 0.0 8.2 12.2#

130 2.0 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

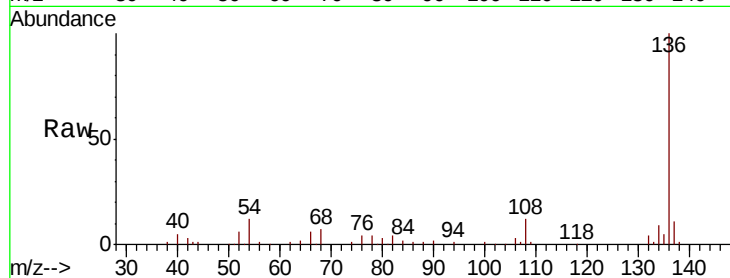




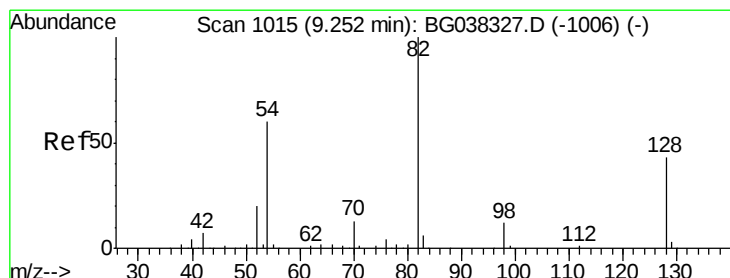
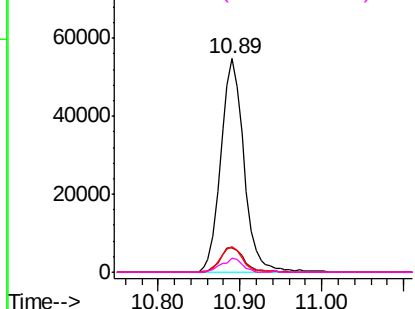
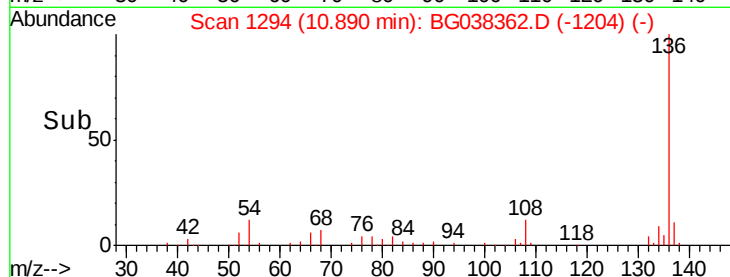
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG038362.D
Acq: 5 Dec 2018 16:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	108412
Ion	Ratio	Lower Upper
136	100	
137	11.2	9.6 14.4
54	11.8	7.9 11.9
68	6.5	4.8 7.2

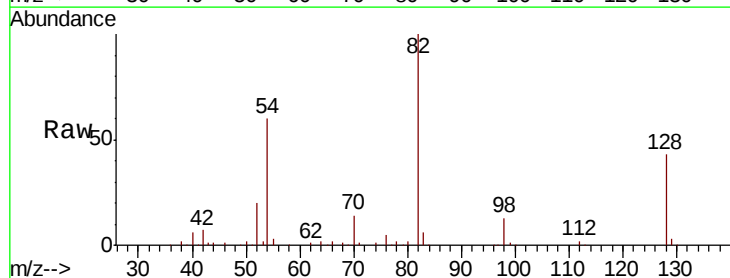


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

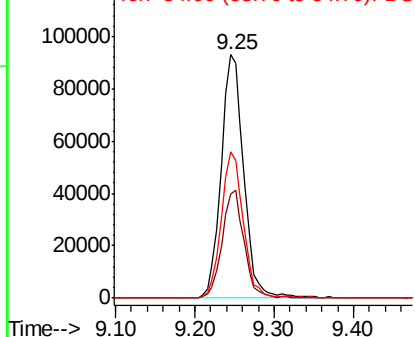
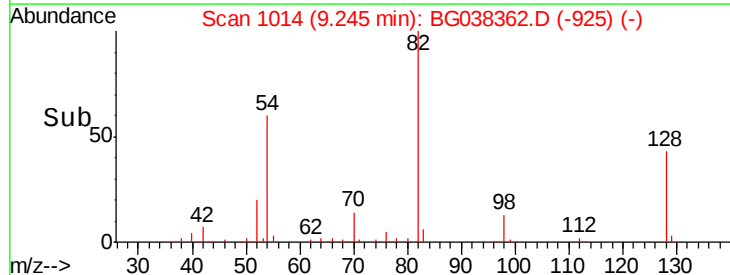


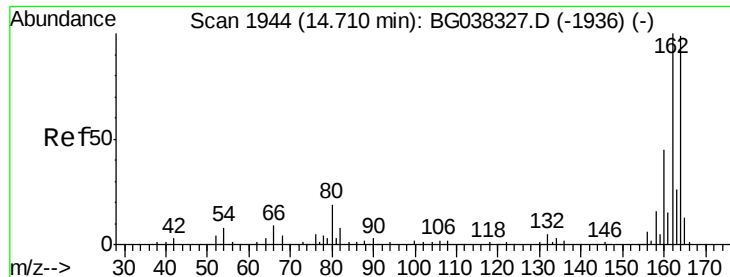
#23
Nitrobenzene-d5
Concen: 83.964 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038362.D
Acq: 5 Dec 2018 16:18

Tgt Ion: 82	Resp:	183346
Ion	Ratio	Lower Upper
82	100	
128	42.6	34.6 51.8
54	60.0	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. -0.00 min

Lab File: BG038362.D

Acq: 5 Dec 2018 16:18

Instrument :

BNA_G

ClientSampled :

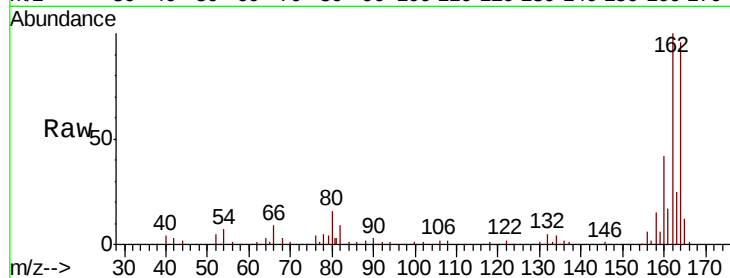
Tot Ion:164 Resp: 72205

Ion Ratio Lower Upper

164 100

162 103.8 81.3 121.9

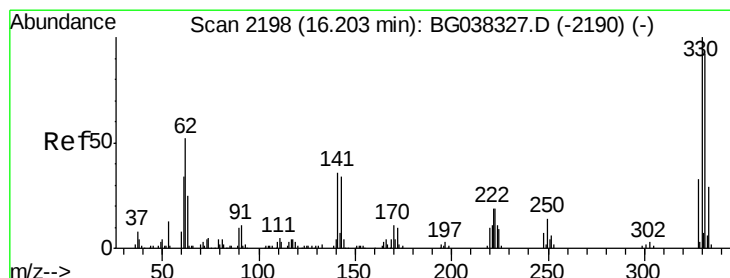
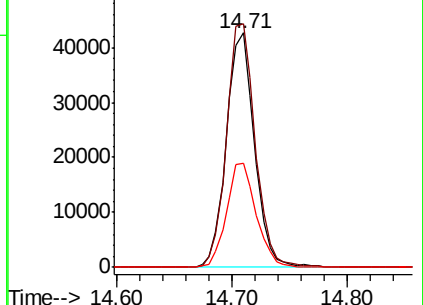
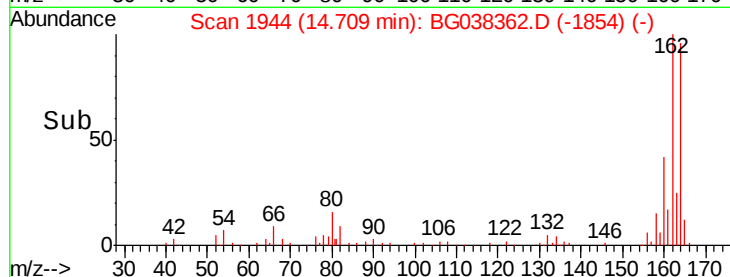
160 44.1 36.3 54.5



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: 129.718 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038362.D

Acq: 5 Dec 2018 16:18

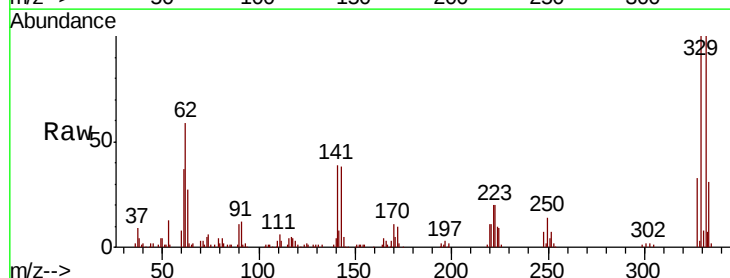
Tgt Ion:330 Resp: 114983

Ion Ratio Lower Upper

330 100

332 96.7 78.4 117.6

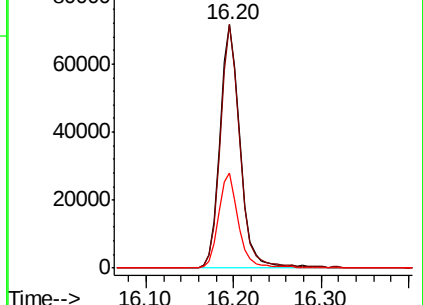
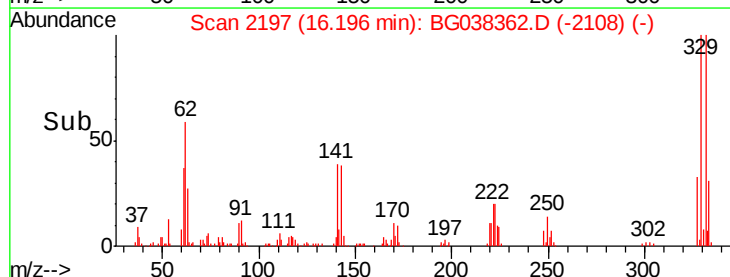
141 38.3 32.2 48.2

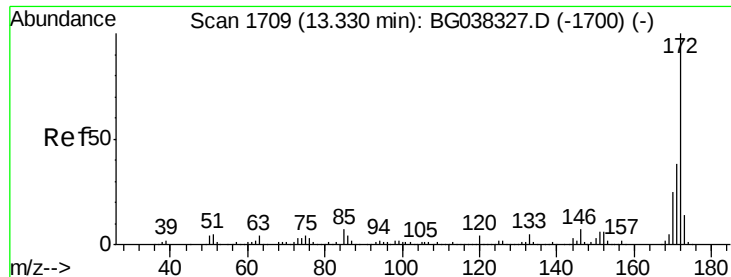


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

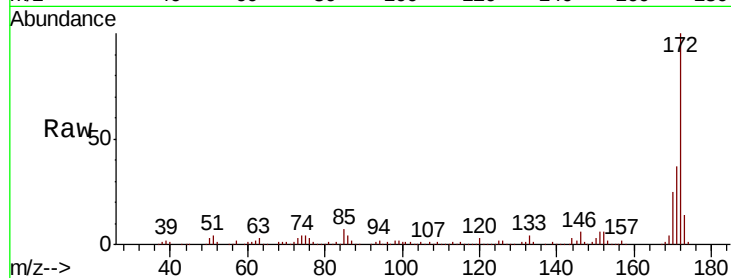




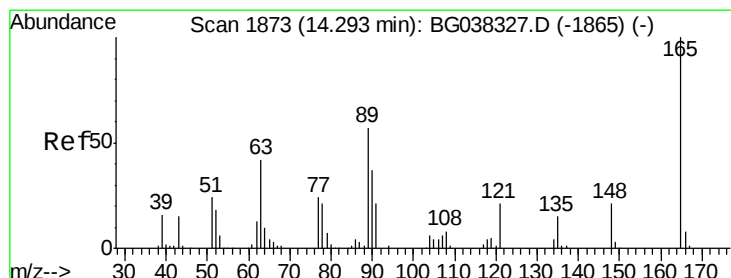
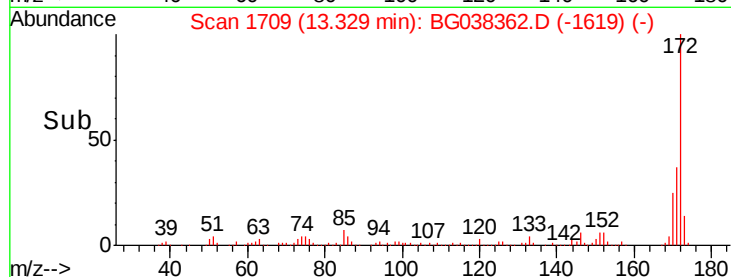
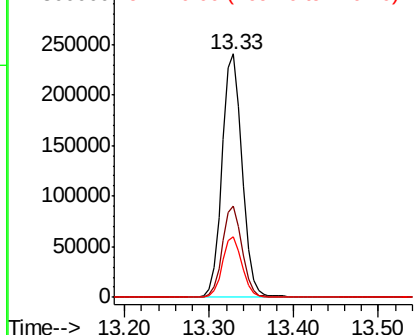
#45
 2-Fluorobiphenyl
 Concen: 78.350 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038362.D
 Acq: 5 Dec 2018 16:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 397026
 Ion Ratio Lower Upper
 172 100
 171 37.4 31.0 46.4
 170 25.0 20.2 30.2

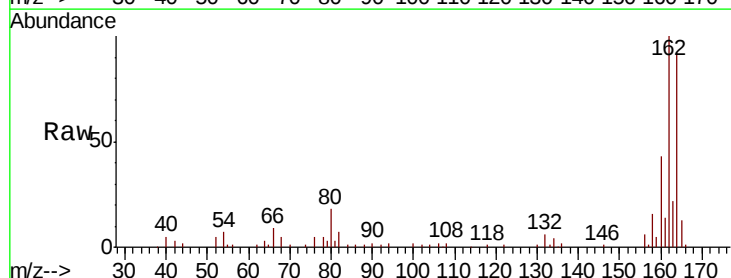


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

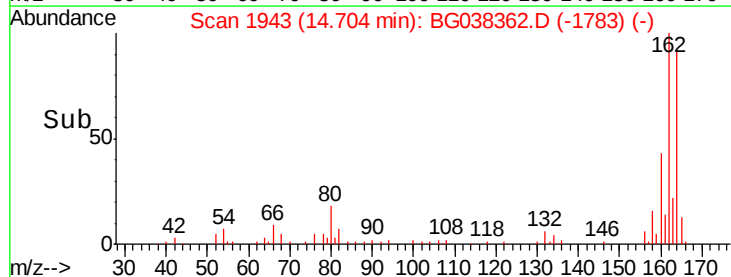
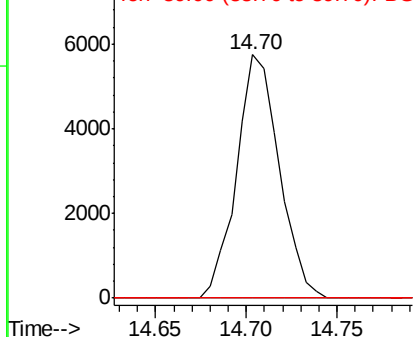


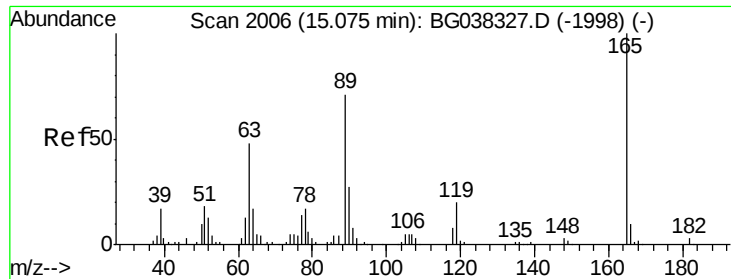
#51
 2,6-Dinitrotoluene
 Concen: 7.101 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. 0.41 min
 Lab File: BG038362.D
 Acq: 5 Dec 2018 16:18

Tgt Ion:165 Resp: 9394
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.4 65.2#
 89 0.0 45.8 68.6#



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

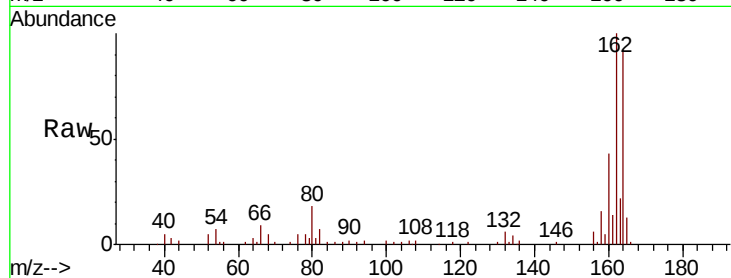




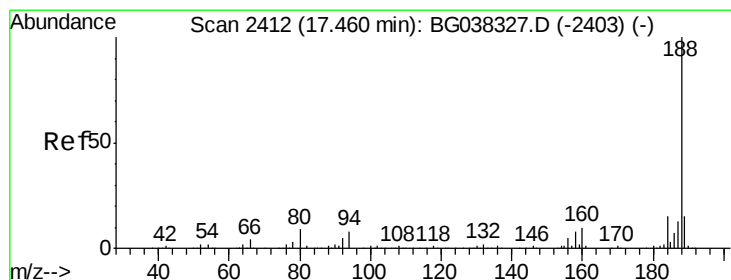
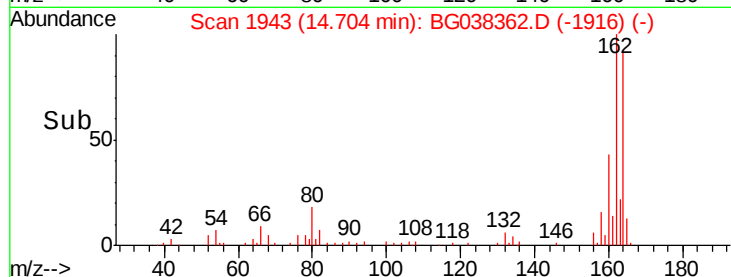
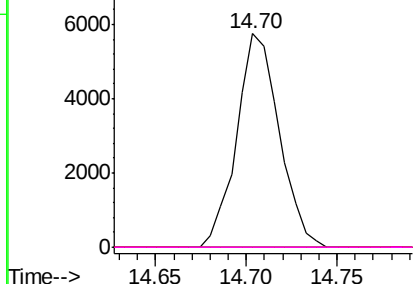
#57
 2,4-Dinitrotoluene
 Concen: 5.148 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. -0.37 min
 Lab File: BG038362.D
 Acq: 5 Dec 2018 16:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	165	Resp:	9394
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#

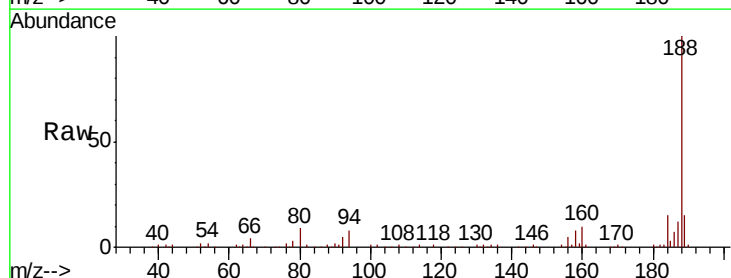


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

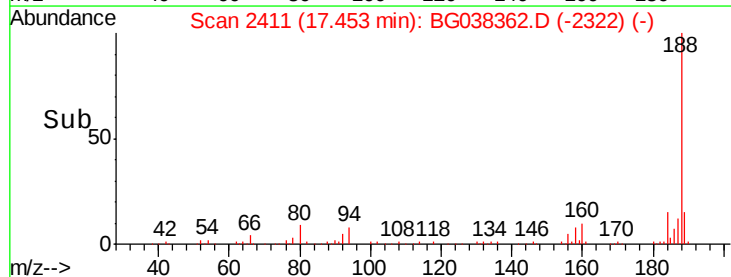
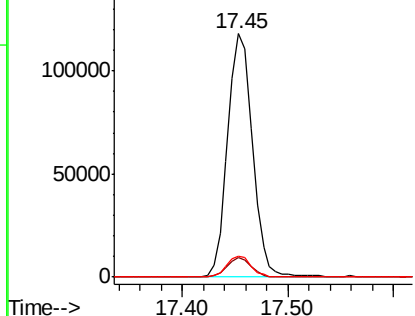


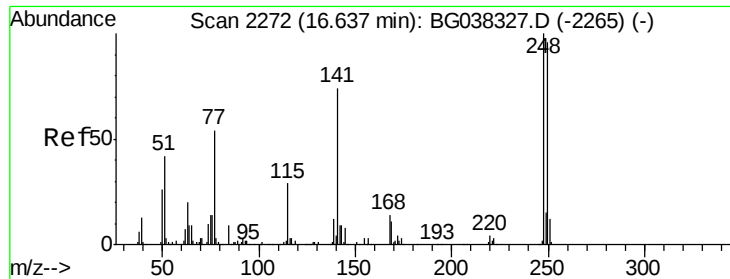
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG038362.D
 Acq: 5 Dec 2018 16:18

Tgt Ion:	188	Resp:	192882
Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.2	10.8
80	8.6	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

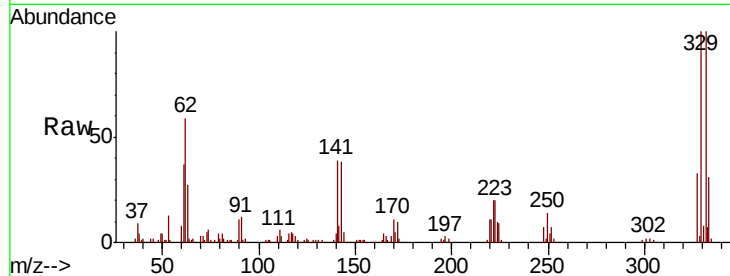




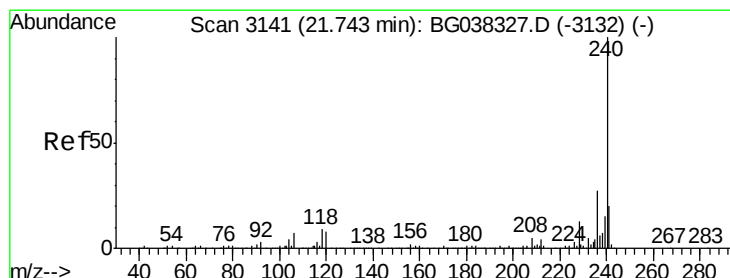
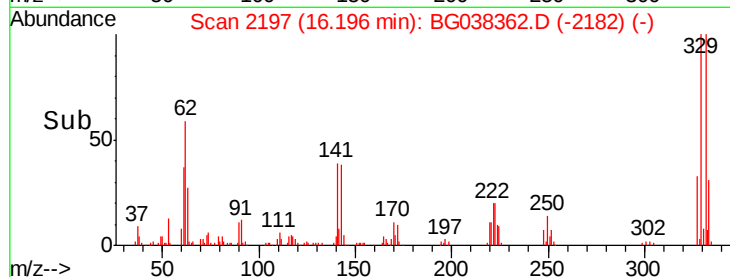
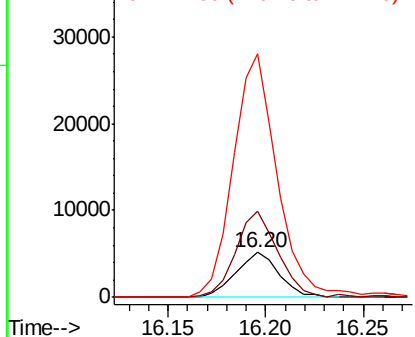
#67
4-Bromophenyl-phenylether
Concen: 3.753 ng
RT: 16.20 min Scan# 2197
Delta R.T. -0.44 min
Lab File: BG038362.D
Acq: 5 Dec 2018 16:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 7817
Ion Ratio Lower Upper
248 100
250 197.3 77.0 115.6#
141 437.0 55.5 83.3#

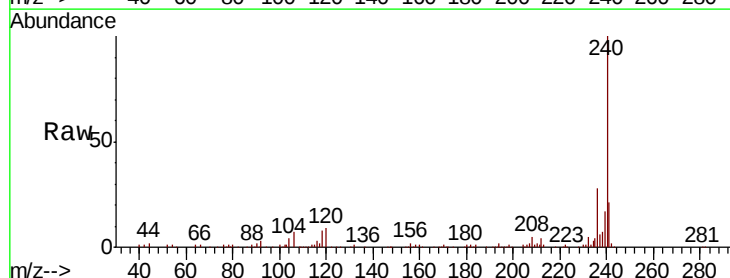


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

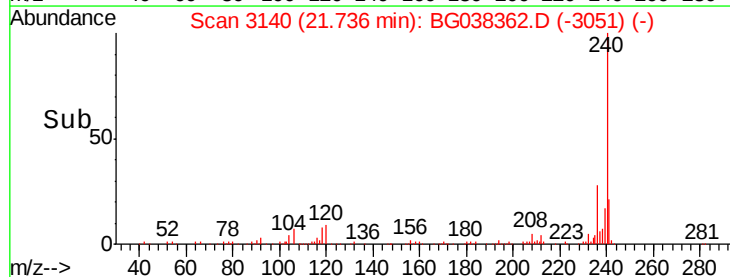
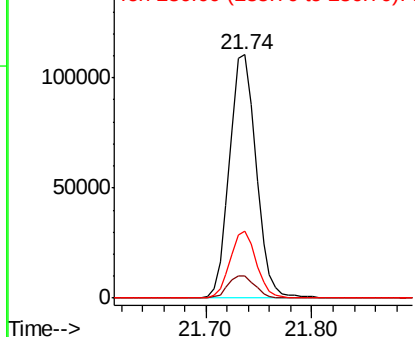


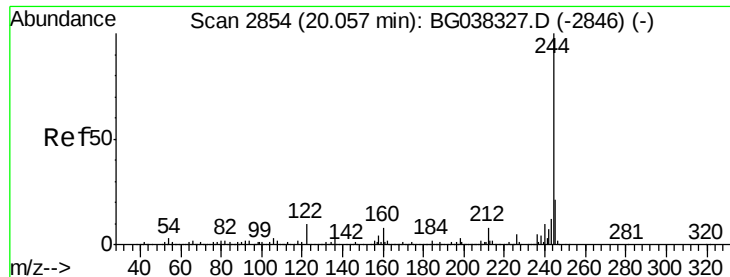
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG038362.D
Acq: 5 Dec 2018 16:18

Tgt Ion:240 Resp: 193246
Ion Ratio Lower Upper
240 100
120 9.3 8.1 12.1
236 27.6 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: 85.512 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038362.D

Acq: 5 Dec 2018 16:18

Instrument :

BNA_G

ClientSampleId :

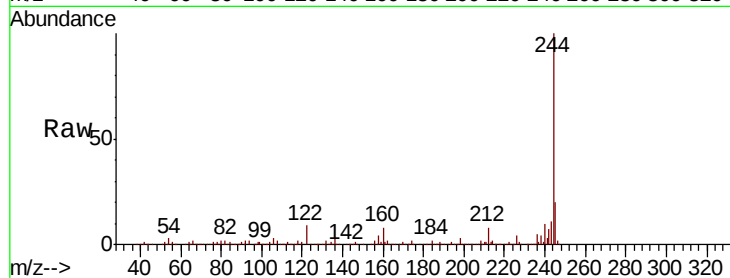
Tot Ion:244 Resp: 771378

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

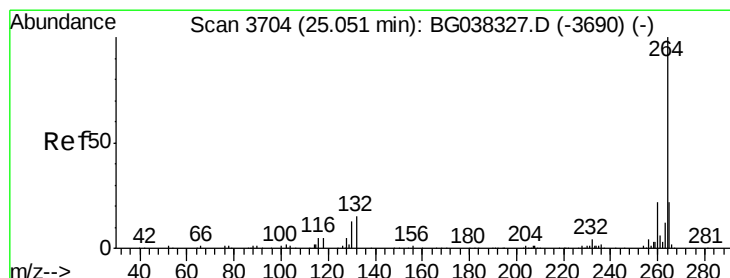
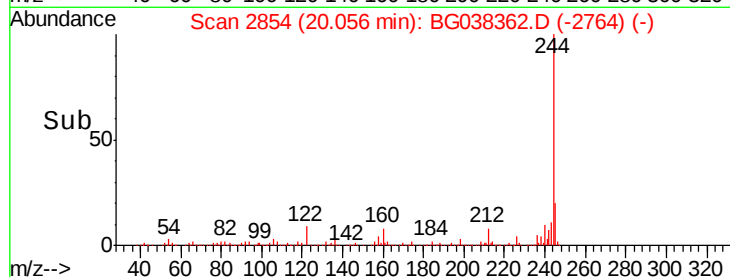
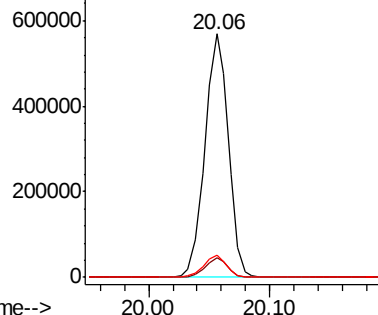
122 8.9 9.0 13.4#



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# 3703

Delta R.T. -0.01 min

Lab File: BG038362.D

Acq: 5 Dec 2018 16:18

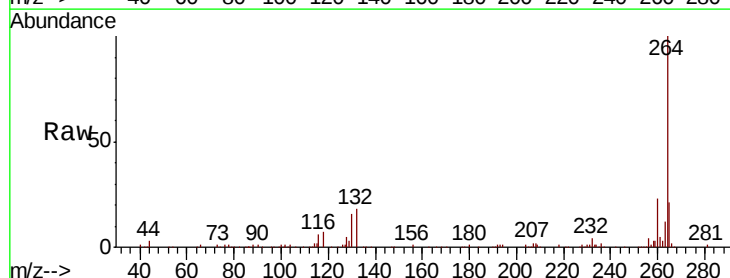
Tgt Ion:264 Resp: 281138

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.4

265 20.9 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

