

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\
 Data File : BG038468.D
 Acq On : 11 Dec 2018 12:41
 Operator : JU/SJ
 Sample : PB115480BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 11 14:40:31 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

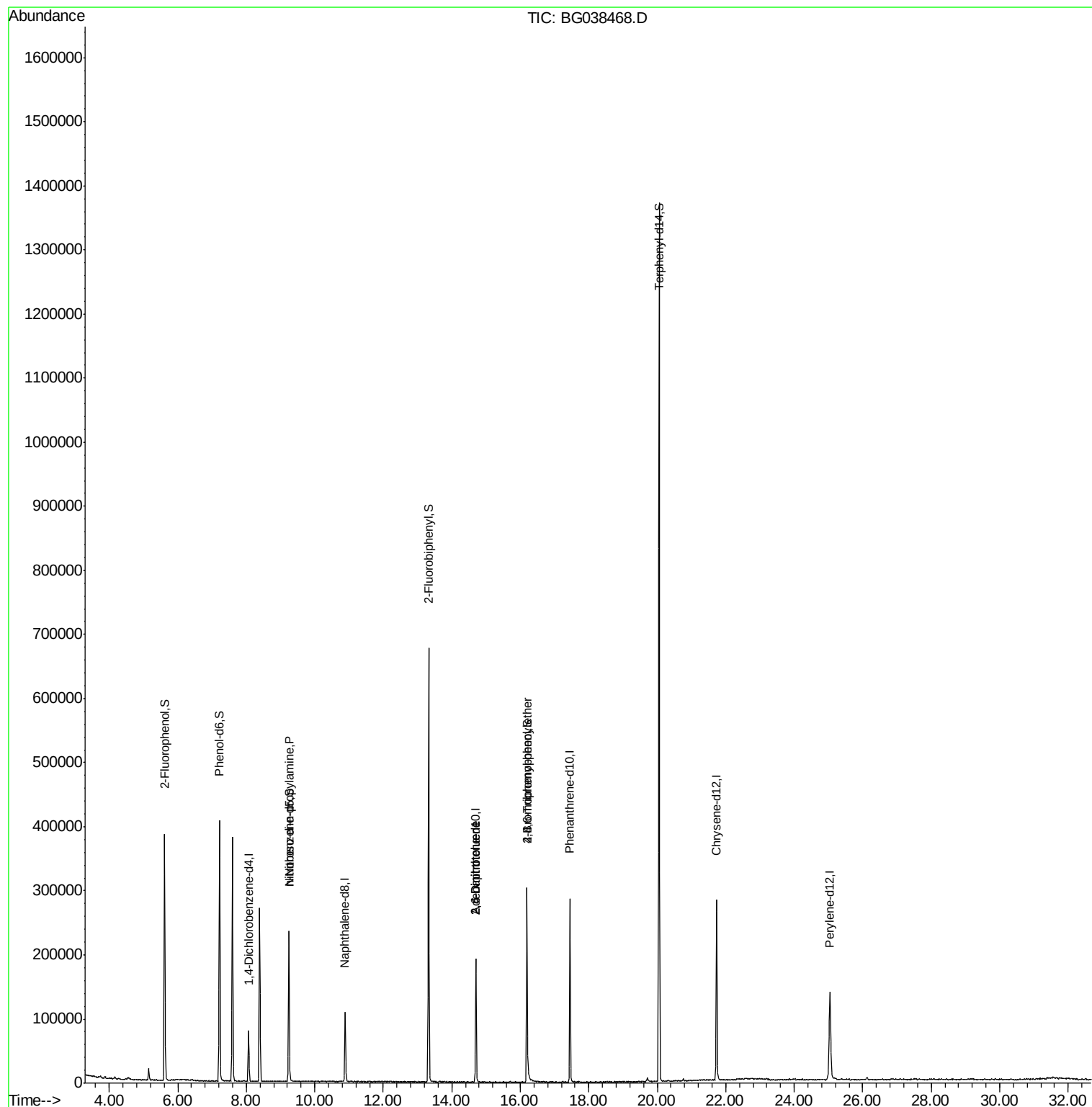
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	23392	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	100187	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	69934	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	186075	20.00	ng	0.00
76) Chrysene-d12	21.73	240	187445	20.00	ng	-0.01
87) Perylene-d12	25.04	264	187298	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	163508	123.70	ng	0.00
7) Phenol-d6	7.22	99	230843	120.83	ng	0.00
23) Nitrobenzene-d5	9.24	82	144778	71.75	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	69887	81.40	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	365168	74.40	ng	0.00
79) Terphenyl-d14	20.06	244	697473	79.71	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.24	70	19151	12.255	ng	# 79
51) 2,6-Dinitrotoluene	14.70	165	8768	6.843	ng	# 23
57) 2,4-Dinitrotoluene	14.70	165	8768	4.961	ng	# 23
67) 4-Bromophenyl-phenylether	16.20	248	4336	2.158	ng	# 1

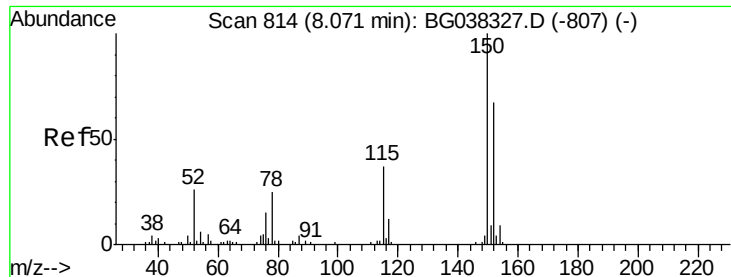
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



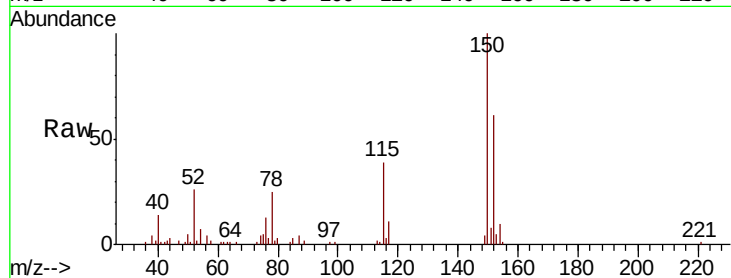


#1

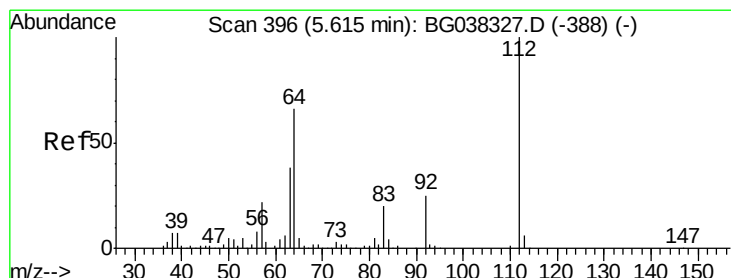
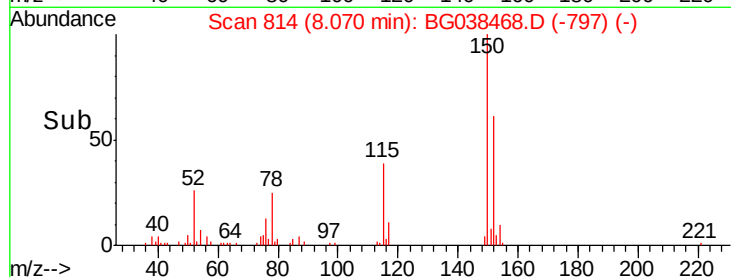
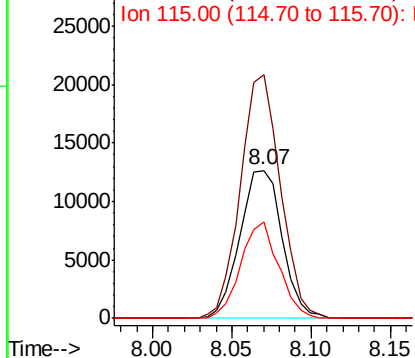
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038468.D
Acq: 11 Dec 2018 12:41

Instrument :
BNA_G
ClientSampled :

Tot Ion	152	Resp	23392
Ion Ratio	Lower	Upper	
152	100		
150	164.5	126.0	189.0
115	64.8	45.5	68.3



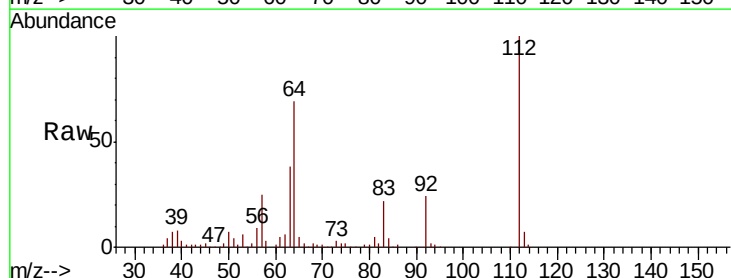
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



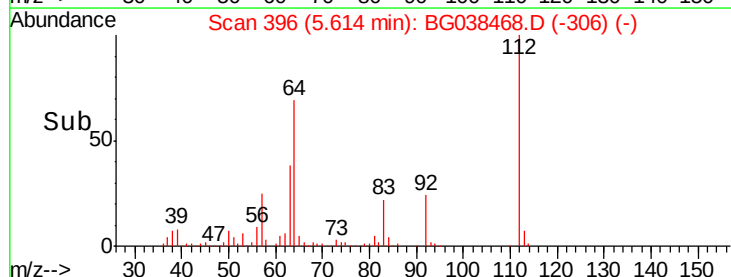
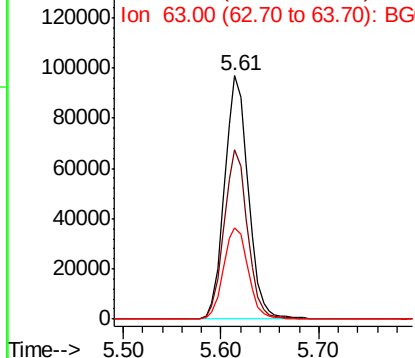
#5

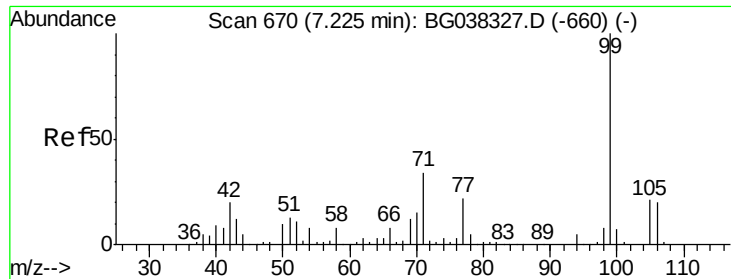
2-Fluorophenol
Concen: 123.696 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG038468.D
Acq: 11 Dec 2018 12:41

Tgt Ion	112	Resp	163508
Ion Ratio	Lower	Upper	
112	100		
64	69.4	53.1	79.7
63	37.5	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: 120.828 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038468.D

Acq: 11 Dec 2018 12:41

Instrument :

BNA_G

ClientSampleId :

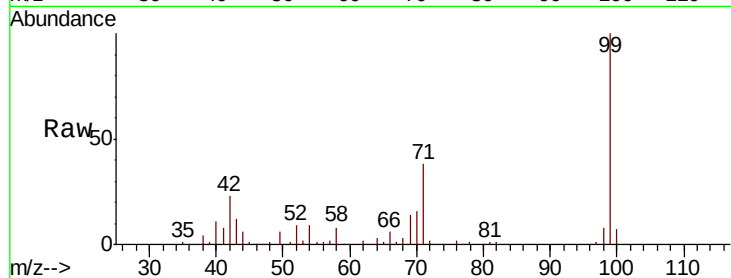
Tot Ion: 99 Resp: 230843

Ion Ratio Lower Upper

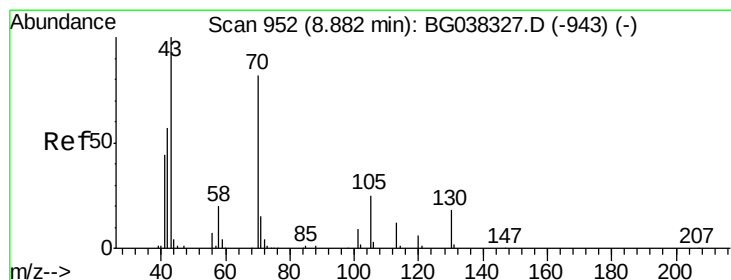
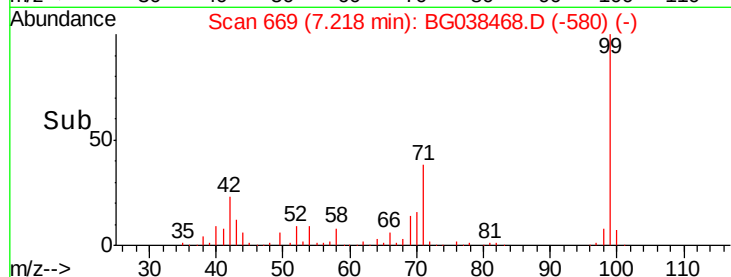
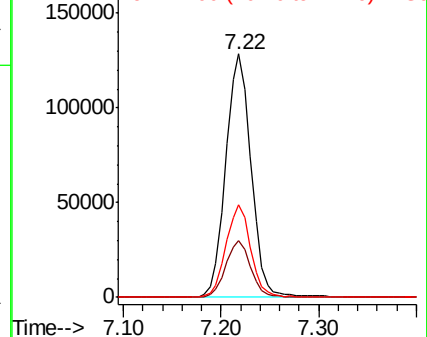
99 100

42 23.4 15.0 22.4#

71 37.8 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: 12.255 ng

RT: 9.24 min Scan# 1014

Delta R.T. 0.36 min

Lab File: BG038468.D

Acq: 11 Dec 2018 12:41

Tgt Ion: 70 Resp: 19151

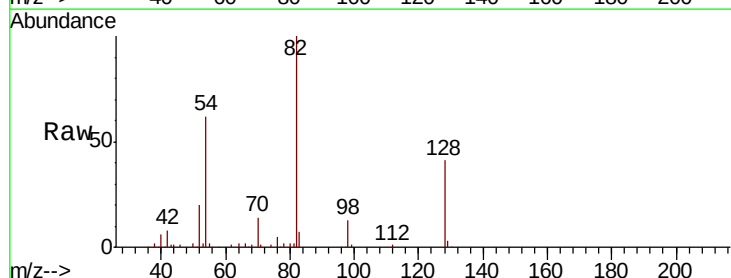
Ion Ratio Lower Upper

70 100

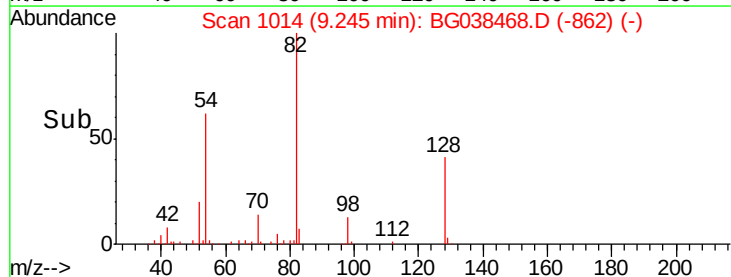
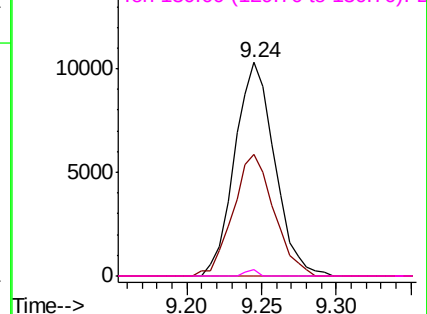
42 56.9 53.9 80.9

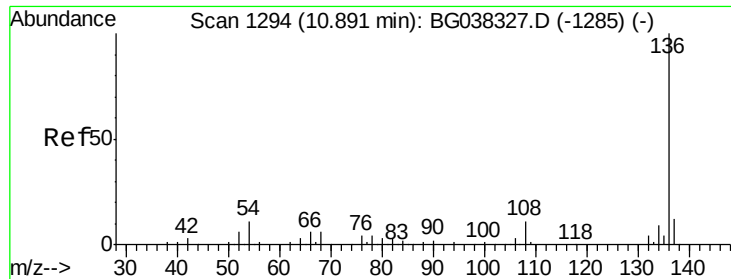
101 0.0 8.2 12.2#

130 2.9 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

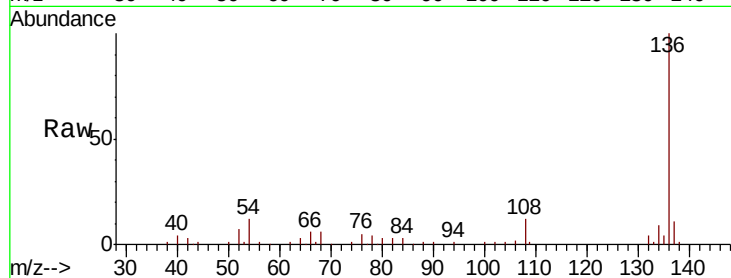




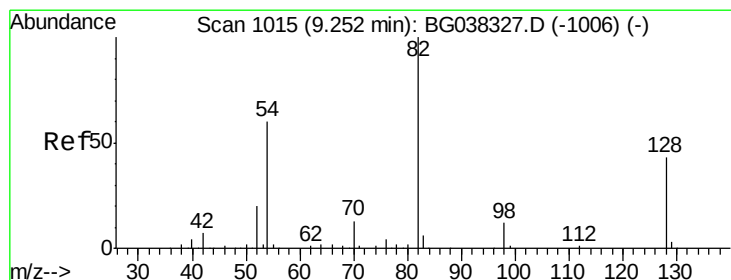
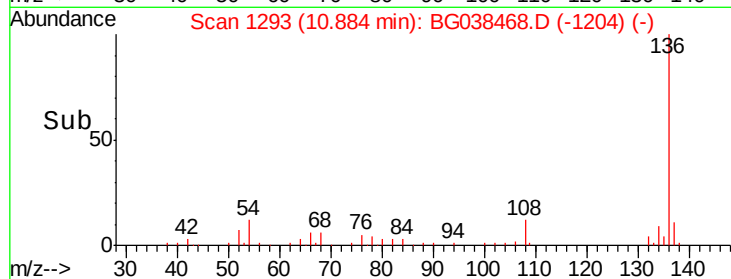
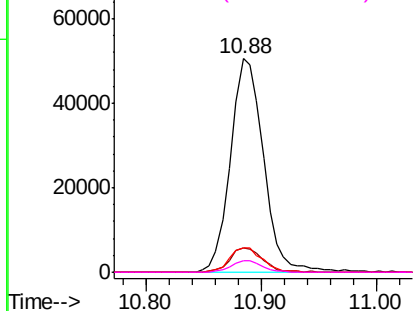
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG038468.D
Acq: 11 Dec 2018 12:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	100187
Ion	Ratio	Lower Upper
136	100	
137	11.5	9.6 14.4
54	11.7	7.9 11.9
68	5.6	4.8 7.2

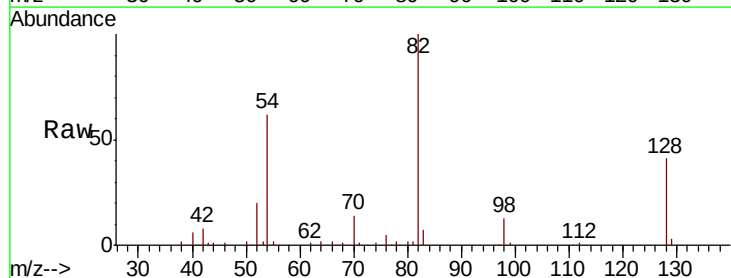


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

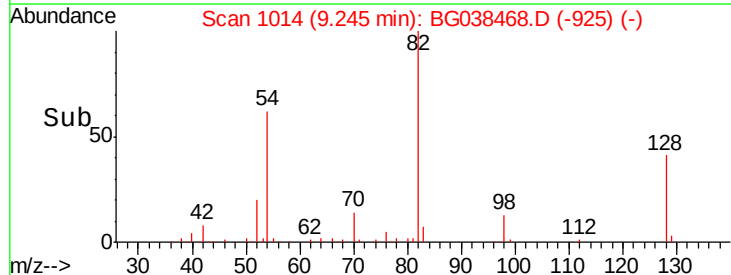
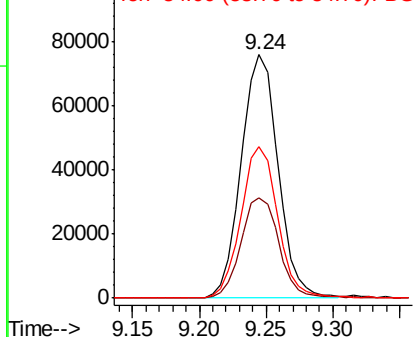


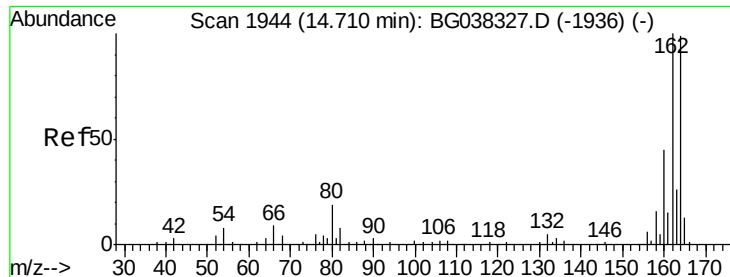
#23
Nitrobenzene-d5
Concen: 71.745 ng
RT: 9.24 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038468.D
Acq: 11 Dec 2018 12:41

Tgt Ion: 82	Resp:	144778
Ion	Ratio	Lower Upper
82	100	
128	41.3	34.6 51.8
54	62.2	45.3 67.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG038468.D

Acq: 11 Dec 2018 12:41

Instrument :

BNA_G

ClientSampleId :

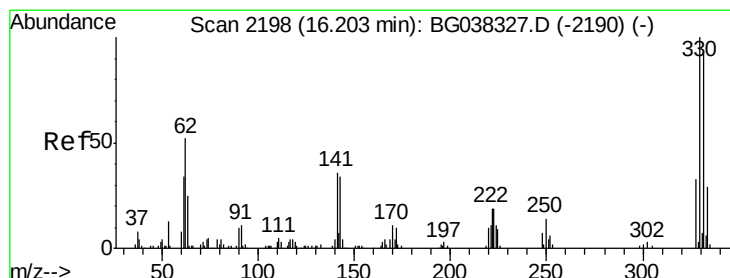
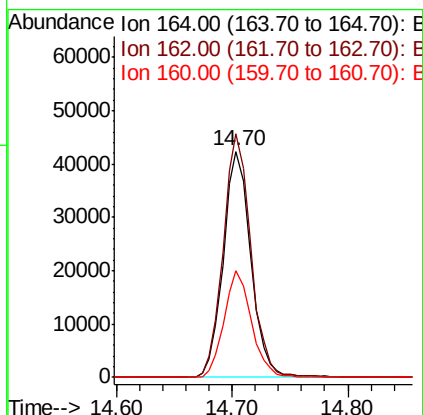
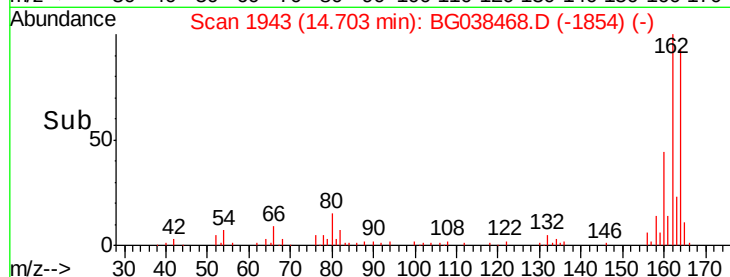
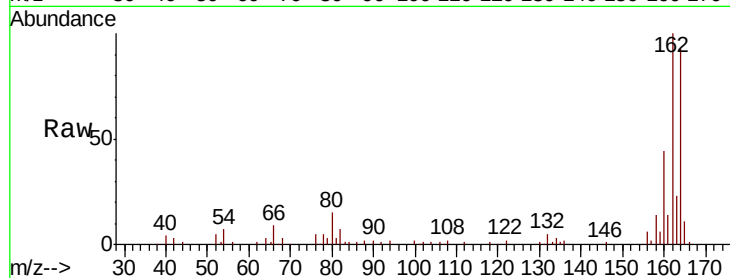
Tot Ion:164 Resp: 69934

Ion Ratio Lower Upper

164 100

162 107.6 81.3 121.9

160 47.0 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 81.404 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038468.D

Acq: 11 Dec 2018 12:41

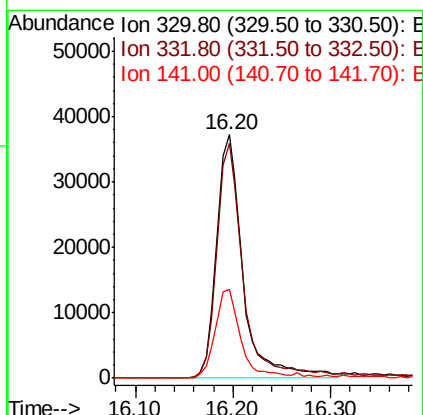
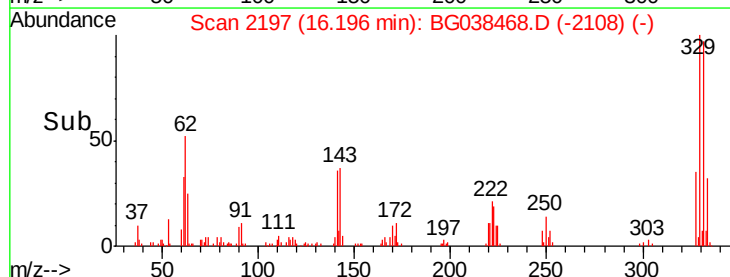
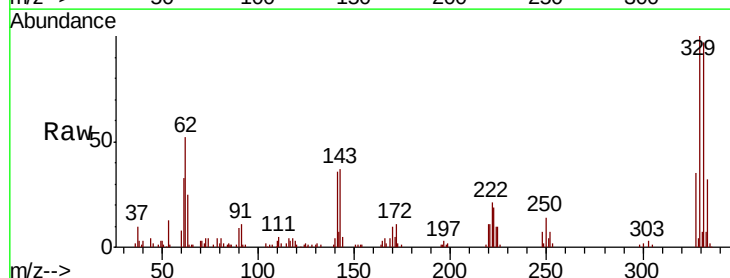
Tgt Ion:330 Resp: 69887

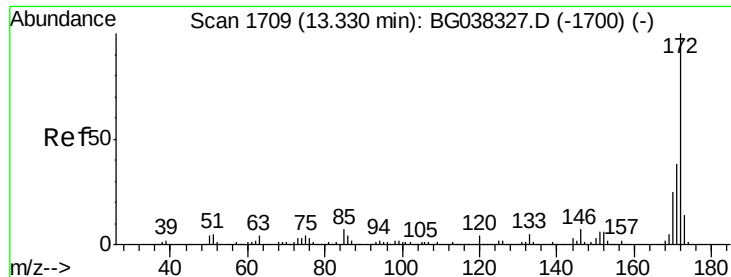
Ion Ratio Lower Upper

330 100

332 99.3 78.4 117.6

141 34.8 32.2 48.2

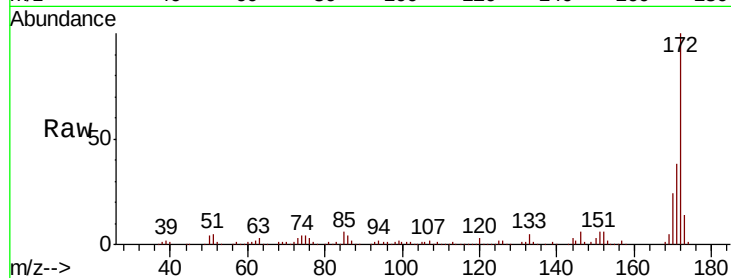




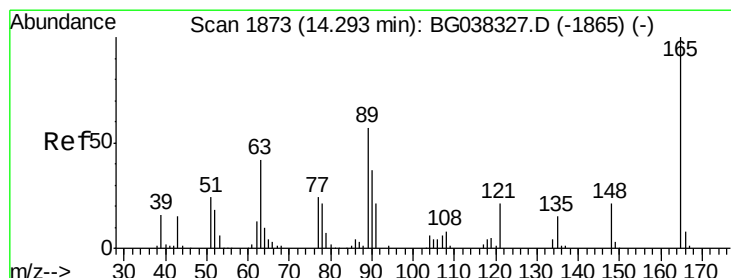
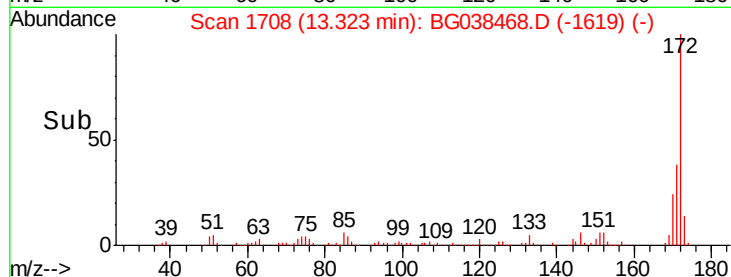
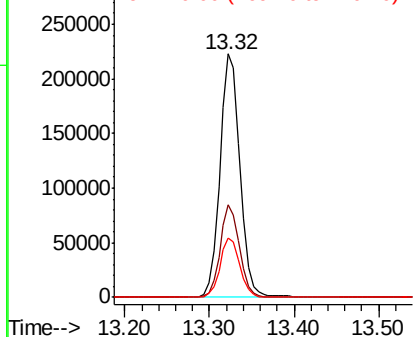
#45
 2-Fluorobiphenyl
 Concen: 74.403 ng
 RT: 13.32 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG038468.D
 Acq: 11 Dec 2018 12:41

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 365168
 Ion Ratio Lower Upper
 172 100
 171 37.9 31.0 46.4
 170 24.3 20.2 30.2

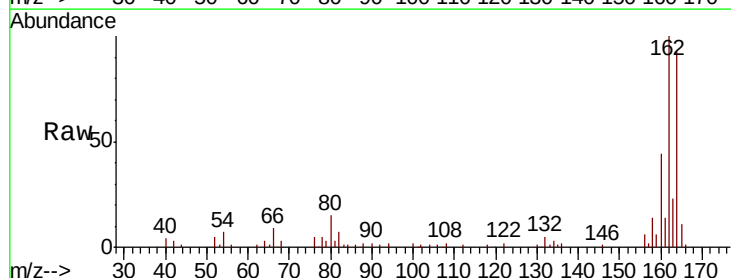


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

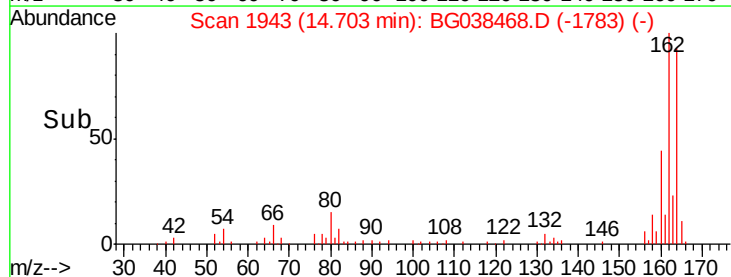
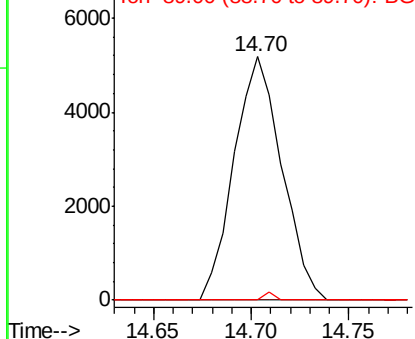


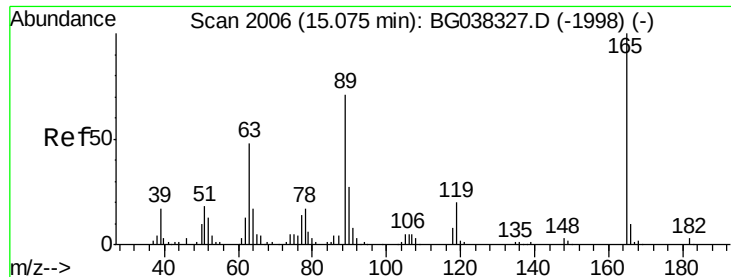
#51
 2,6-Dinitrotoluene
 Concen: 6.843 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. 0.41 min
 Lab File: BG038468.D
 Acq: 11 Dec 2018 12:41

Tgt Ion:165 Resp: 8768
 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

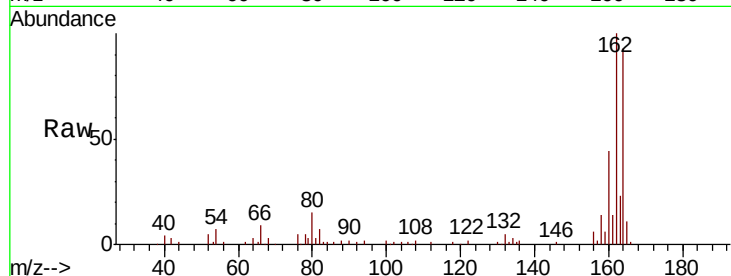




#57
 2,4-Dinitrotoluene
 Concen: 4.961 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. -0.37 min
 Lab File: BG038468.D
 Acq: 11 Dec 2018 12:41

Instrument :
 BNA_G
 ClientSampleId :

Tot 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#

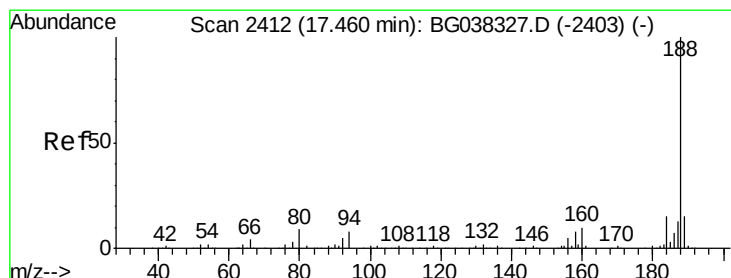
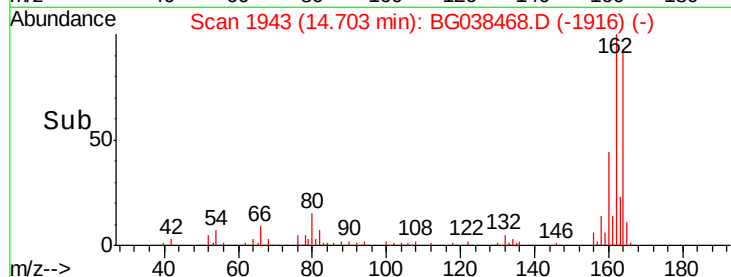
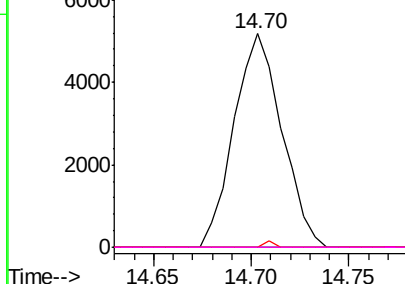


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

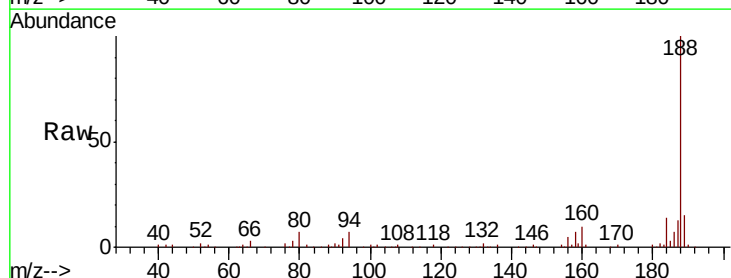
Ion 89.00 (88.70 to 89.70): BGC

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: BG038468.D
 Acq: 11 Dec 2018 12:41

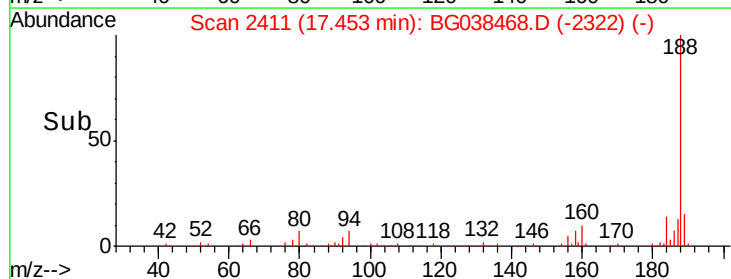
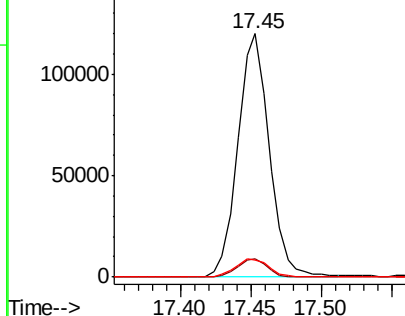
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.2	10.8
80	7.0	7.7	11.5#

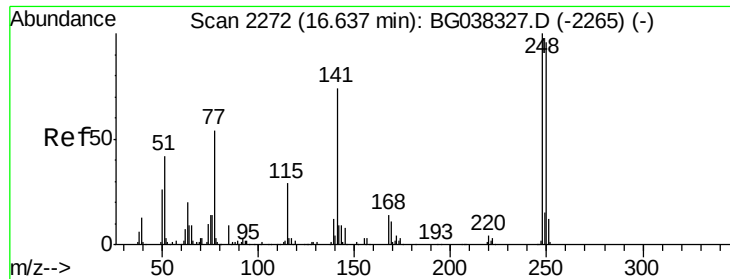


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

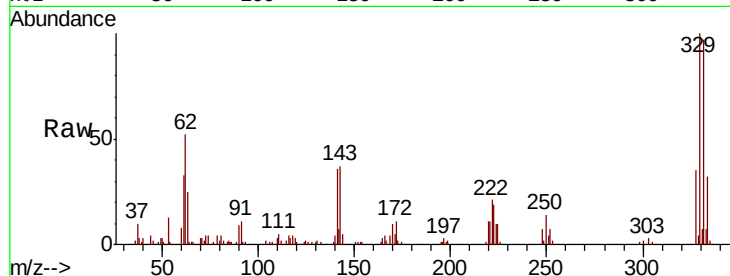




#67
 4-Bromophenyl-phenylether
 Concen: 2.158 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.44 min
 Lab File: BG038468.D
 Acq: 11 Dec 2018 12:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	183.4	77.0	115.6#
141	365.8	55.5	83.3#

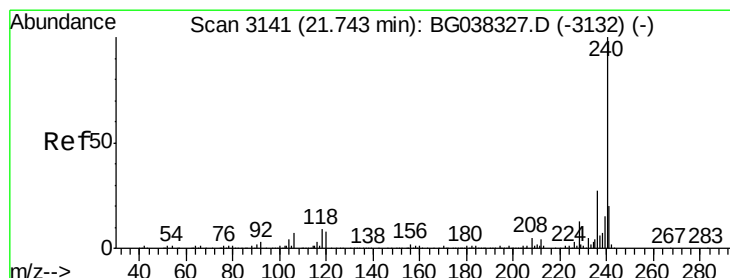
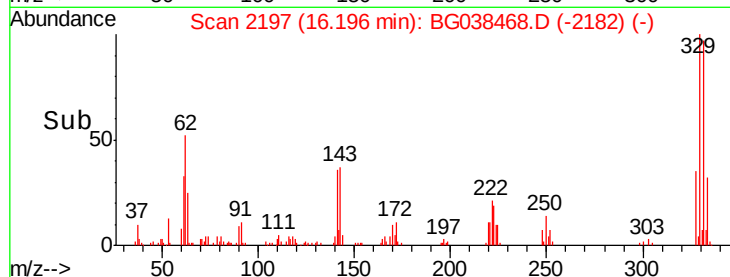
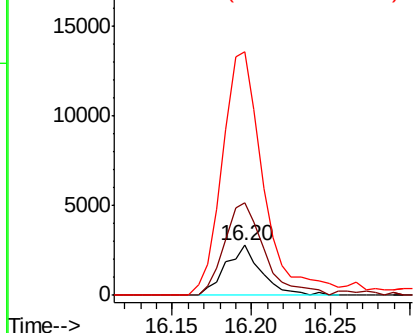


Abundance

Ion 248.00 (247.70 to 248.70): E

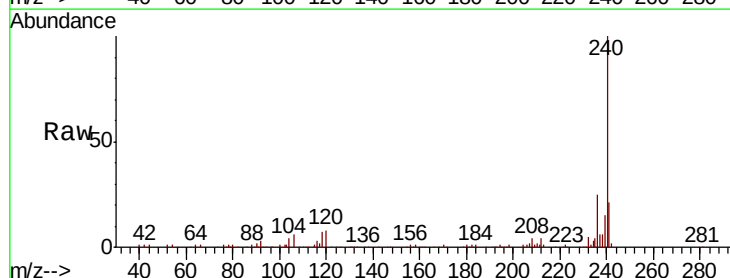
Ion 250.00 (249.70 to 250.70): E

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: BG038468.D
 Acq: 11 Dec 2018 12:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.1	8.1	12.1
236	25.0	21.4	32.0

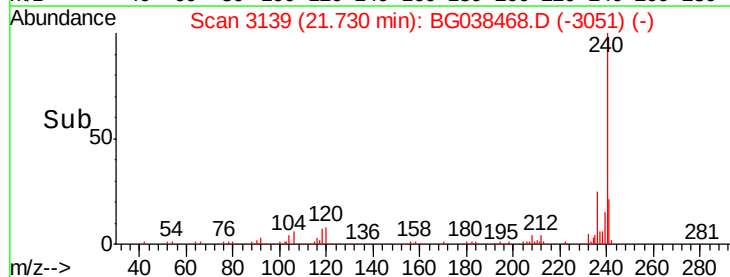
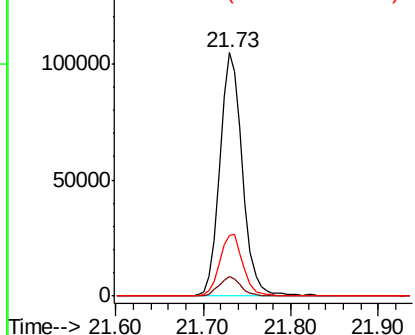


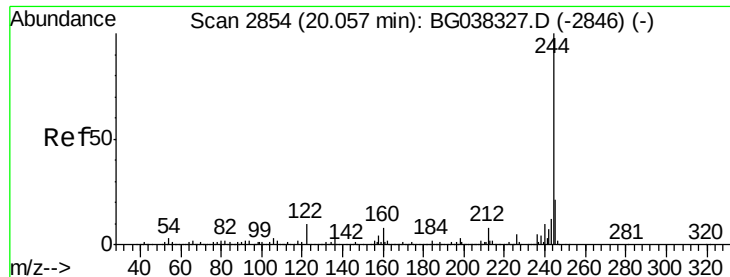
Abundance

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: 79.712 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038468.D

Acq: 11 Dec 2018 12:41

Instrument :

BNA_G

ClientSampleId :

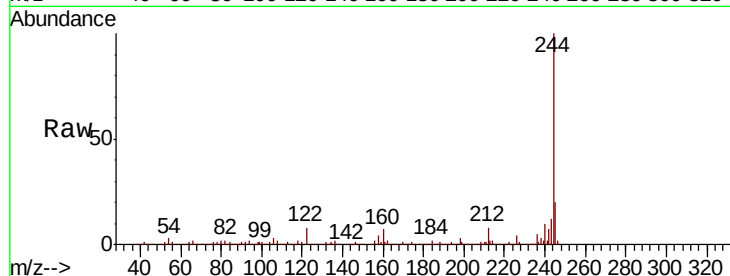
Tot Ion:244 Resp: 697473

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

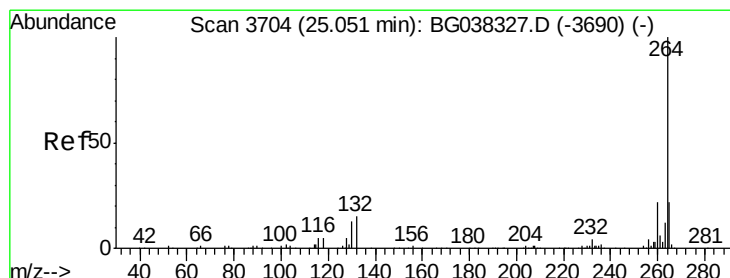
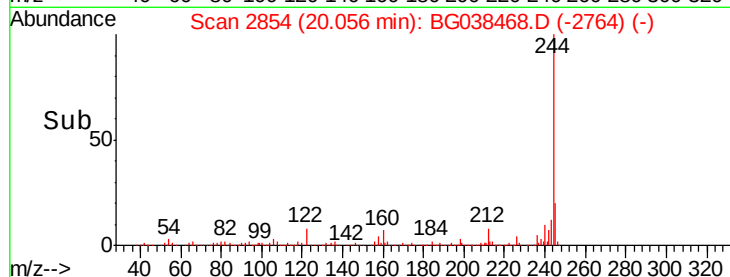
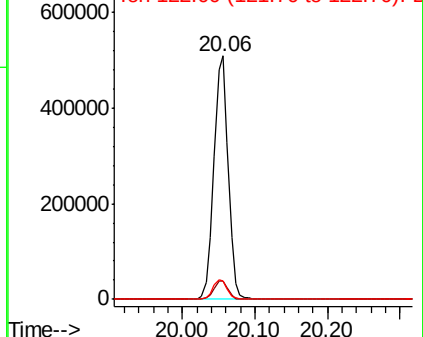
122 7.7 9.0 13.4#



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: BG038468.D

Acq: 11 Dec 2018 12:41

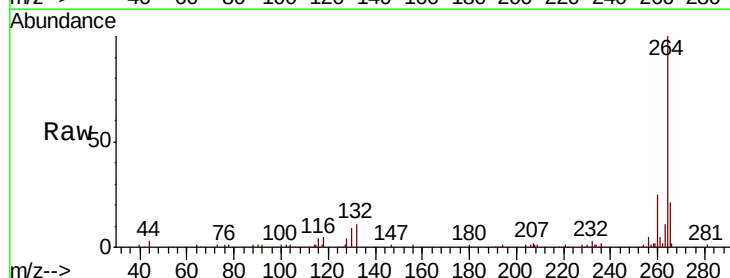
Tgt Ion:264 Resp: 187298

Ion Ratio Lower Upper

264 100

260 24.6 18.2 27.4

265 21.1 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

