

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
 Data File : BG036880.D
 Acq On : 22 Sep 2018 5:08
 Operator : JU/SJ
 Sample : PB113112TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 24 05:26:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 20:07:11 2018
 Response via : Initial Calibration

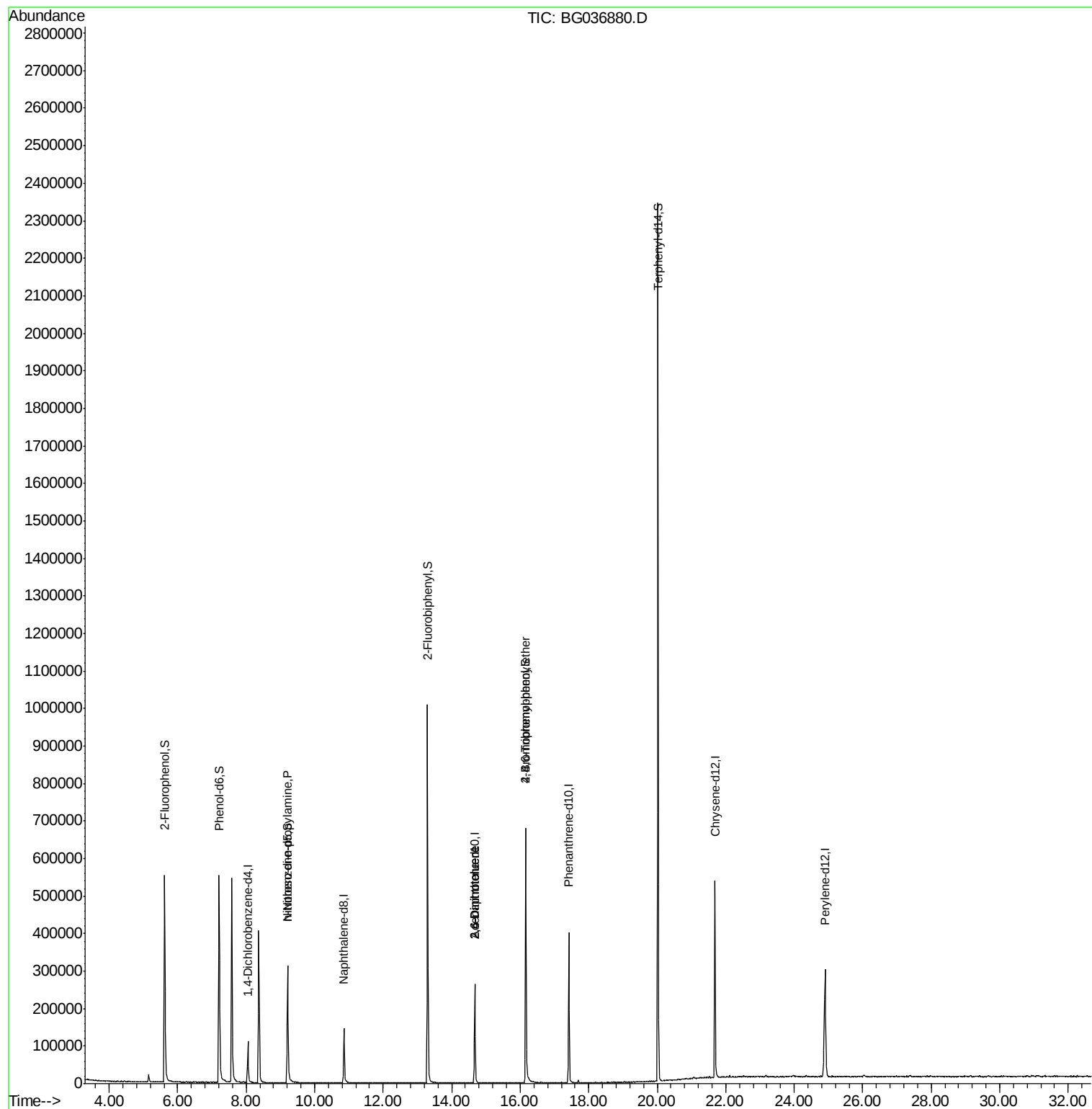
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	35110	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	148849	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	100884	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	287767	20.00	ng	0.00
75) Chrysene-d12	21.69	240	335098	20.00	ng	0.00
86) Perylene-d12	24.90	264	326574	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	271388	148.24	ng	0.00
7) Phenol-d6	7.21	99	365663	129.10	ng	0.00
23) Nitrobenzene-d5	9.21	82	236067	84.93	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	149290	123.69	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	575676	84.99	ng	0.00
78) Terphenyl-d14	20.02	244	1169406	91.76	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	30586	12.980	ng	# 71
50) 2,6-Dinitrotoluene	14.67	165	13077	7.381	ng	# 24
56) 2,4-Dinitrotoluene	14.67	165	13077	5.289	ng	# 22
66) 4-Bromophenyl-phenylether	16.16	248	9454	2.888	ng	# 1

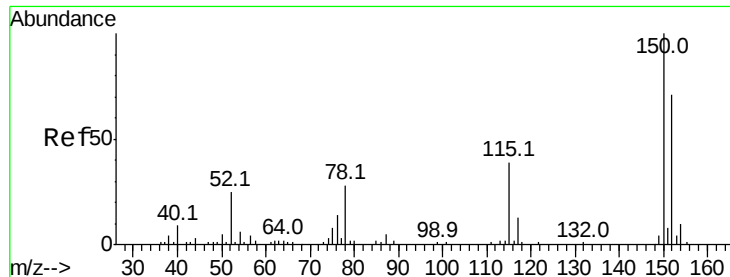
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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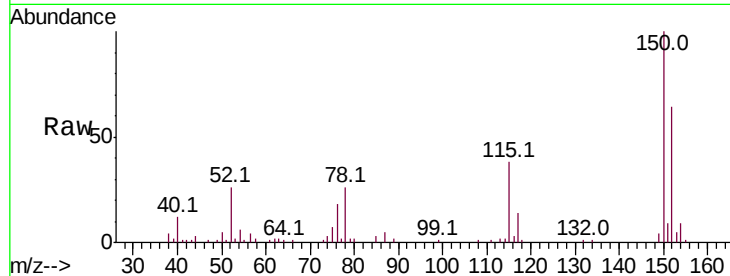




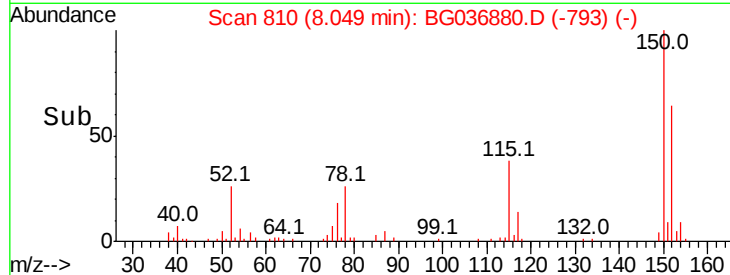
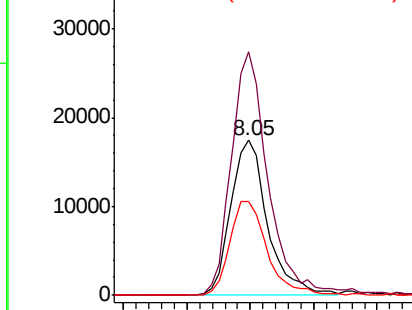
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BG036880.D
 Acq: 22 Sep 2018 5:08

Instrument :
 BNA_G
 ClientSampleId :

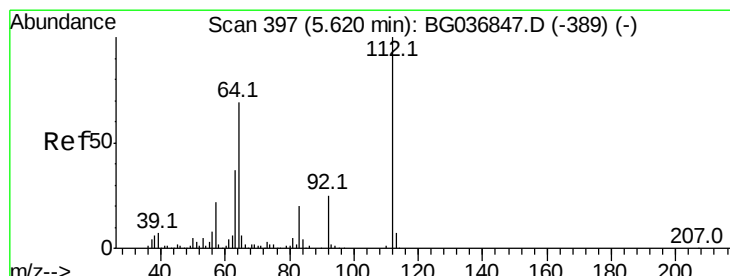
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	119.5	179.3
115	60.1	44.5	66.7



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

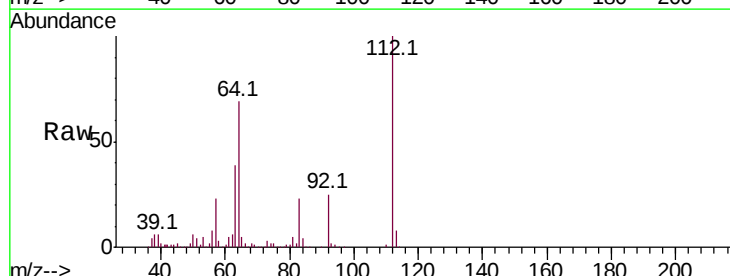


Scan 810 (8.049 min): BG036880.D (-793) (-)

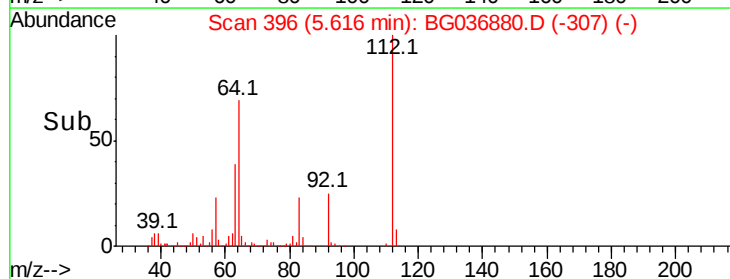
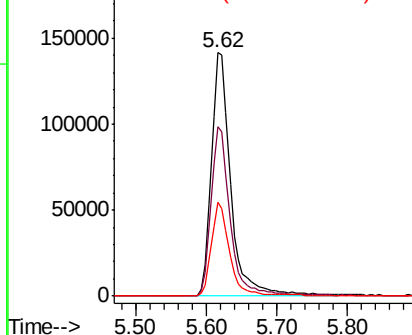


#5
 2-Fluorophenol
 Concen: 148.238 ng
 RT: 5.62 min Scan# 396
 Delta R.T. -0.00 min
 Lab File: BG036880.D
 Acq: 22 Sep 2018 5:08

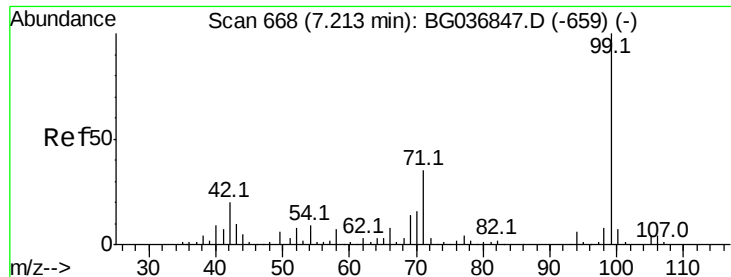
Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.4	57.2	85.8
63	38.5	30.8	46.2



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



Scan 396 (5.616 min): BG036880.D (-307) (-)



#7

Phenol-d6

Concen: 129.096 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG036880.D

Acq: 22 Sep 2018 5:08

Instrument :

BNA_G

ClientSampleId :

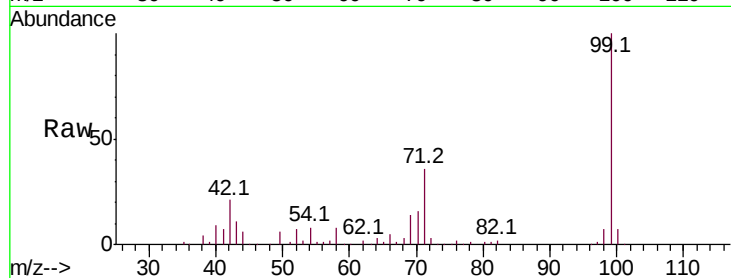
Tot Ion: 99 Resp: 365663

Ion Ratio Lower Upper

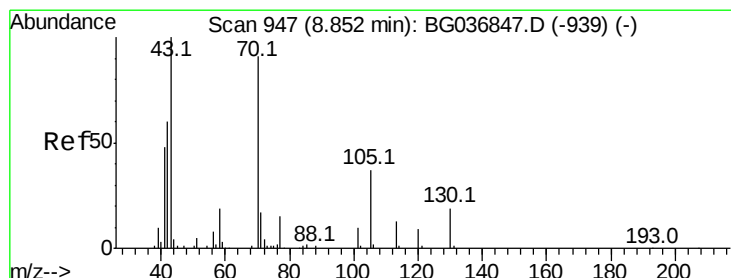
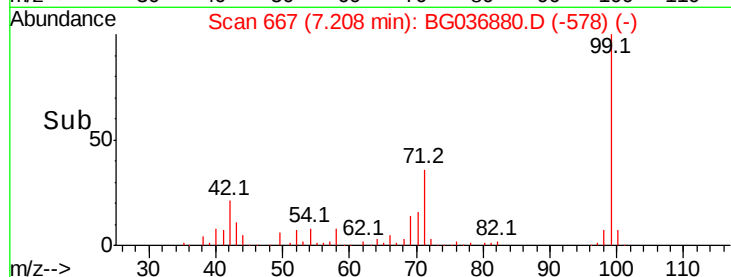
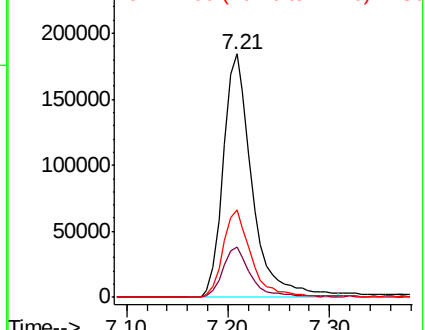
99 100

42 20.5 16.5 24.7

71 35.8 29.4 44.2



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: 12.980 ng

RT: 9.21 min Scan# 1007

Delta R.T. 0.35 min

Lab File: BG036880.D

Acq: 22 Sep 2018 5:08

Tgt Ion: 70 Resp: 30586

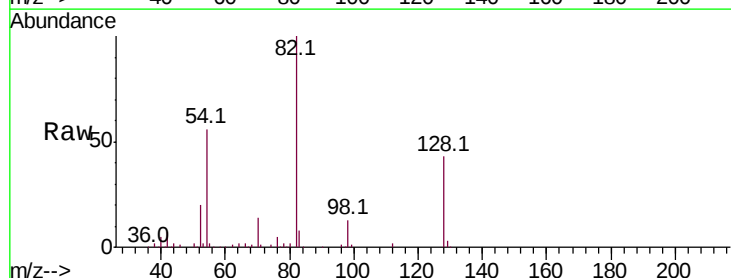
Ion Ratio Lower Upper

70 100

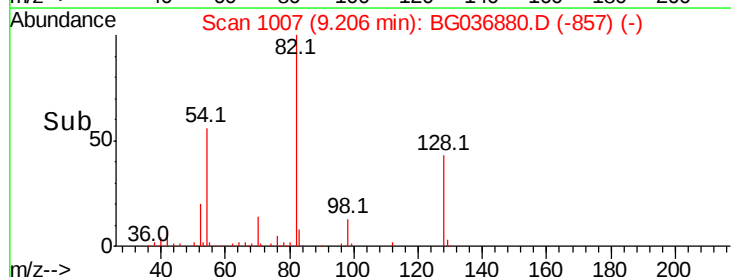
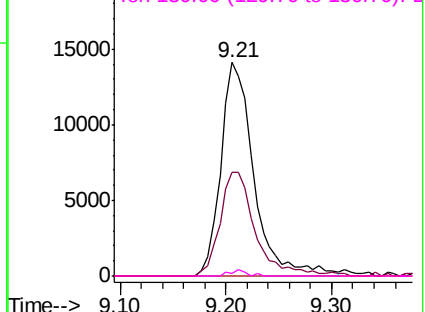
42 48.8 56.2 84.4#

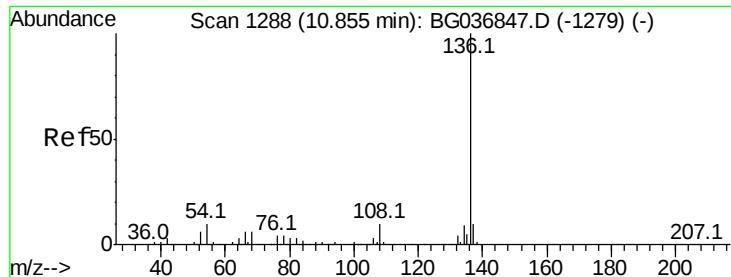
101 0.0 7.8 11.6#

130 1.1 16.2 24.2#



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

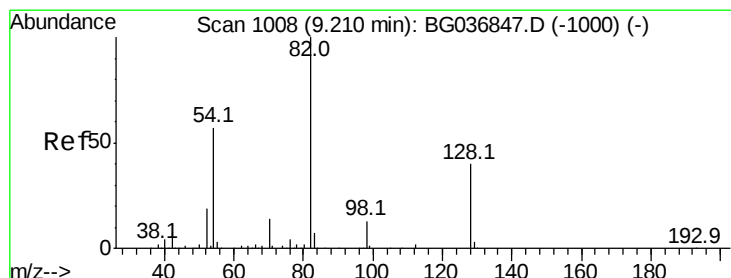
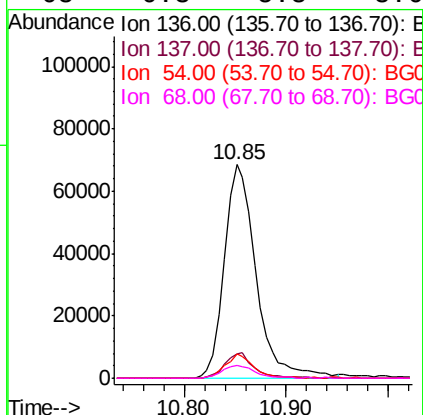
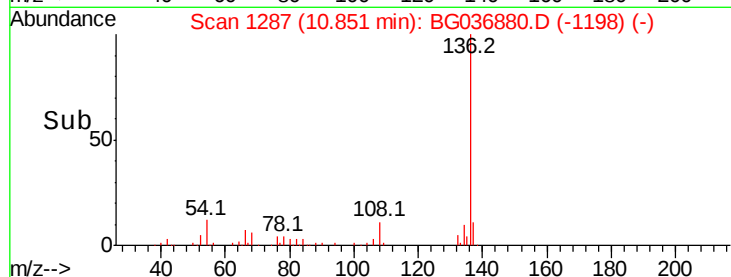
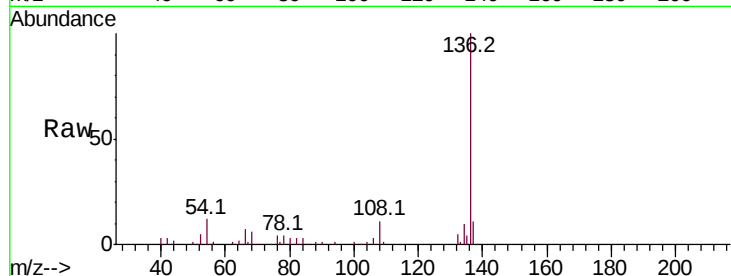




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG036880.D
Acq: 22 Sep 2018 5:08

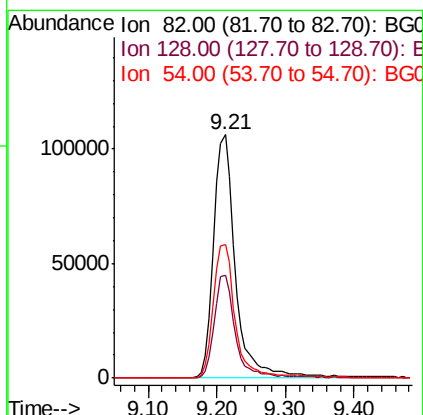
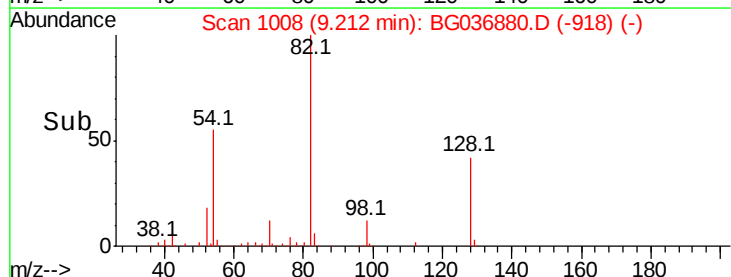
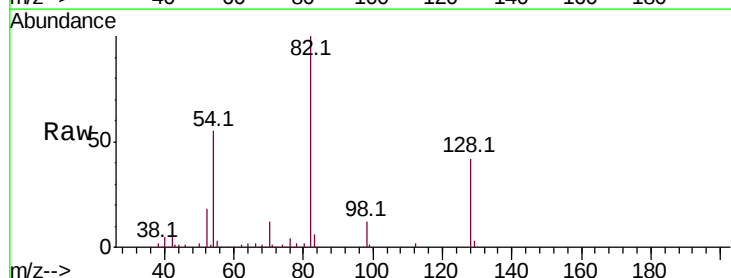
Instrument :
BNA_G
ClientSampleId :

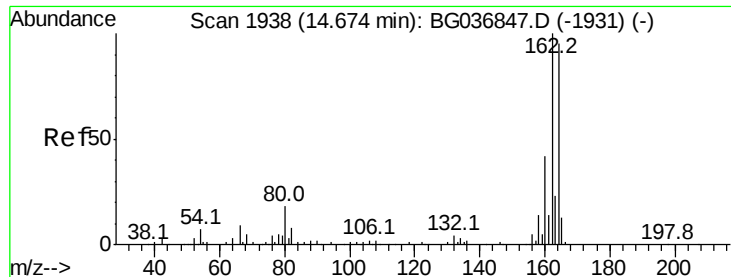
Tot Ion:	136	Resp:	148849
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	11.6	9.2	13.8
68	6.3	5.8	8.6



#23
Nitrobenzene-d5
Concen: 84.929 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BG036880.D
Acq: 22 Sep 2018 5:08

Tgt Ion:	82	Resp:	236067
Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.3	49.9
54	54.7	45.1	67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.00 min

Lab File: BG036880.D

Acq: 22 Sep 2018 5:08

Instrument :

BNA_G

ClientSampleId :

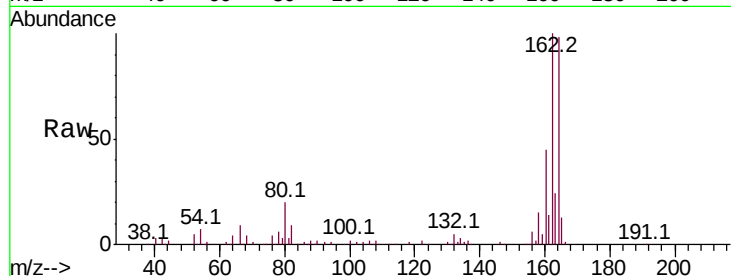
Tot Ion:164 Resp: 100884

Ion Ratio Lower Upper

164 100

162 102.4 80.7 121.1

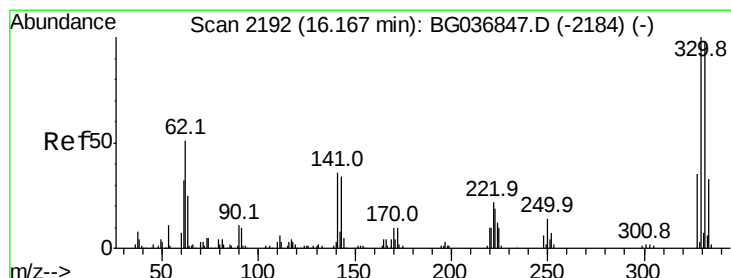
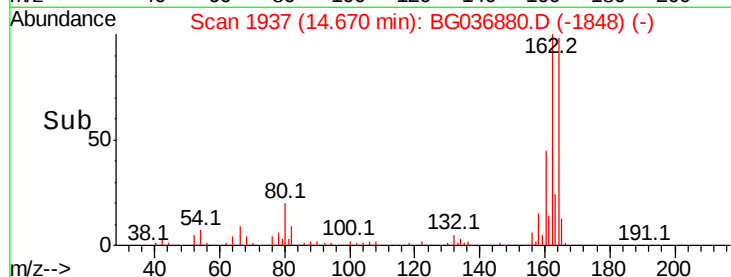
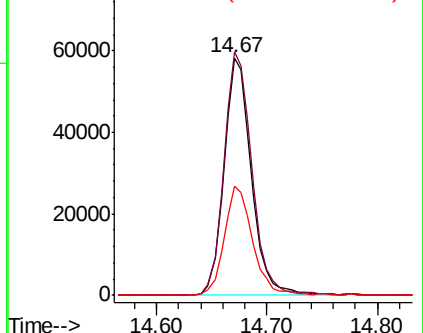
160 45.7 35.3 52.9



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



#41

2,4,6-Tribromophenol

Concen: 123.685 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BG036880.D

Acq: 22 Sep 2018 5:08

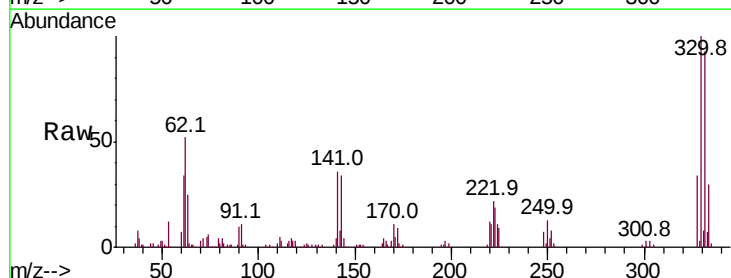
Tgt Ion:330 Resp: 149290

Ion Ratio Lower Upper

330 100

332 95.6 75.4 113.2

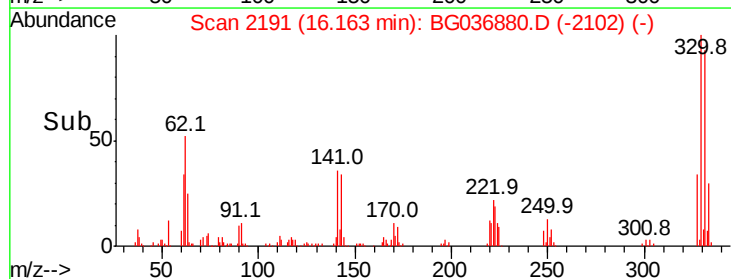
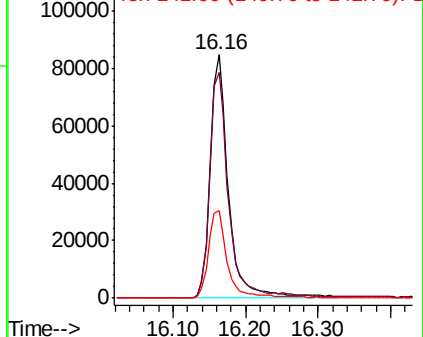
141 36.6 30.7 46.1

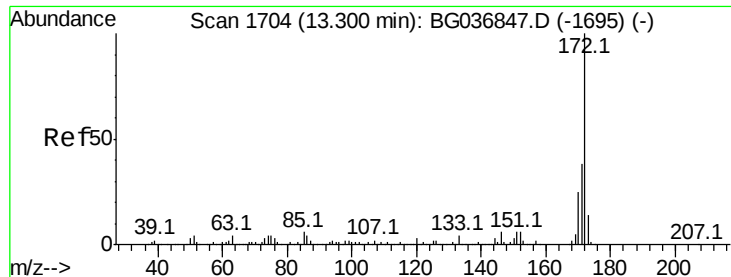


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

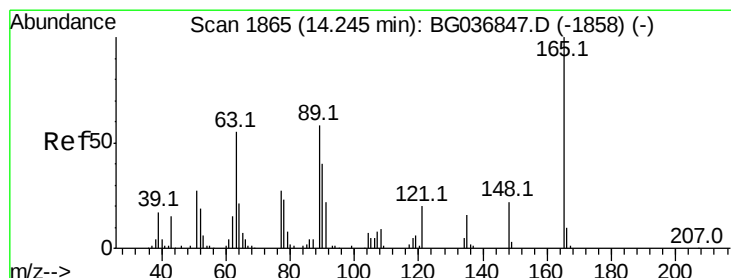
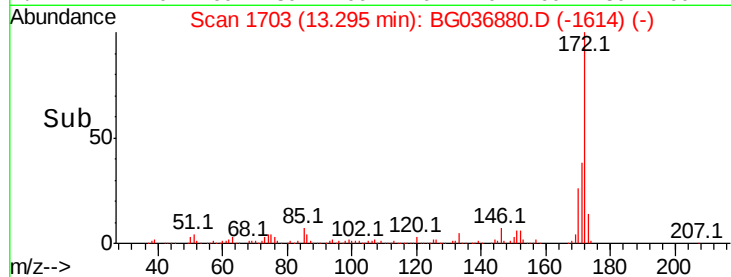
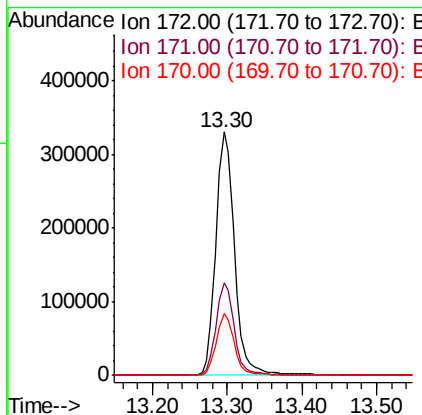
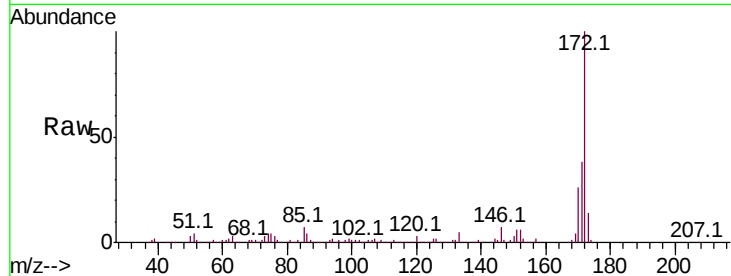




#44
 2-Fluorobiphenyl
 Concen: 84.989 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG036880.D
 Acq: 22 Sep 2018 5:08

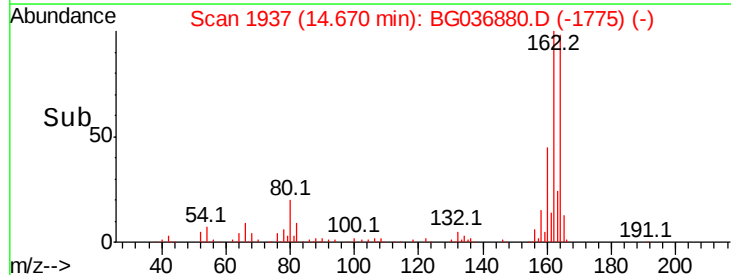
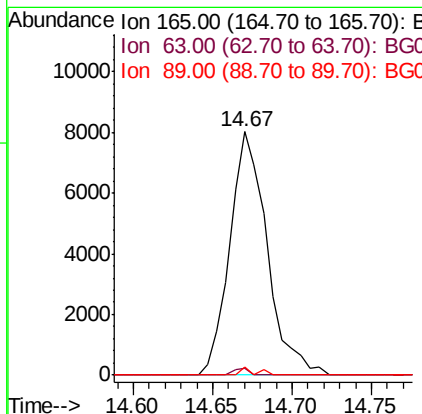
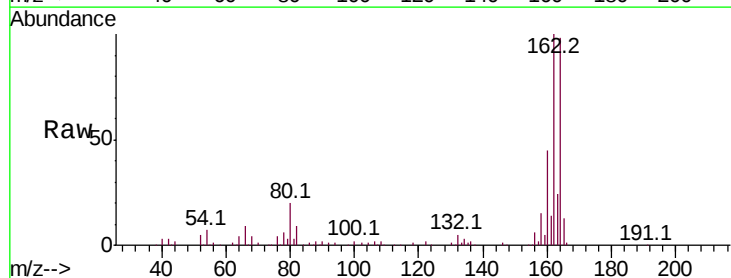
Instrument :
 BNA_G
 ClientSampleId :

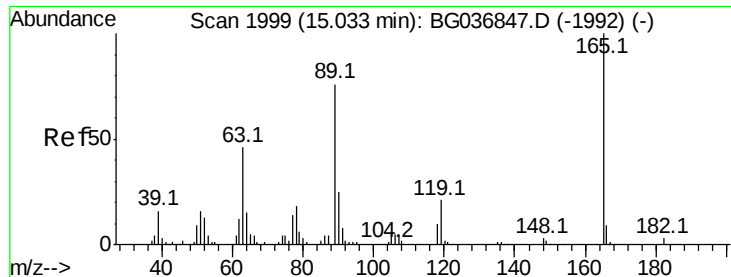
Tot Ion:172 Resp: 575676
 Ion Ratio Lower Upper
 172 100
 171 38.3 31.3 46.9
 170 25.5 21.0 31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.381 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.42 min
 Lab File: BG036880.D
 Acq: 22 Sep 2018 5:08

Tgt Ion:165 Resp: 13077
 Ion Ratio Lower Upper
 165 100
 63 2.7 50.1 75.1#
 89 3.5 47.8 71.6#

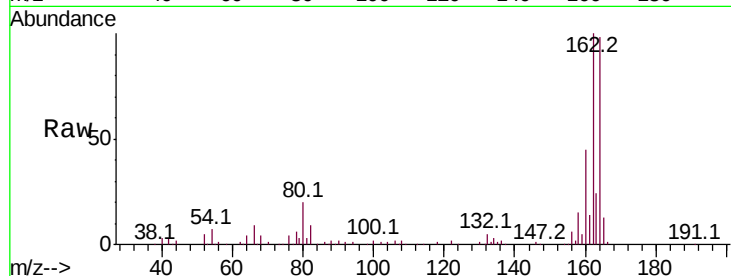




#56
 2,4-Dinitrotoluene
 Concen: 5.289 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.36 min
 Lab File: BG036880.D
 Acq: 22 Sep 2018 5:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.7	40.1	60.1#
89	3.5	63.7	95.5#
182	0.0	2.5	3.7#



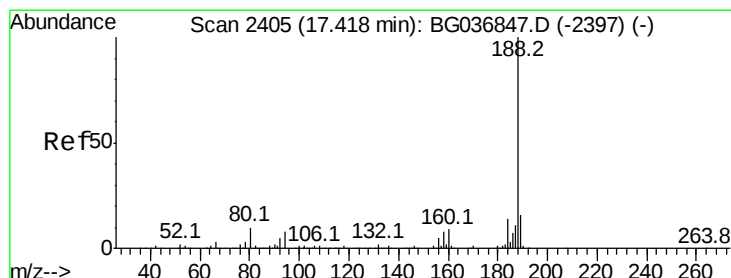
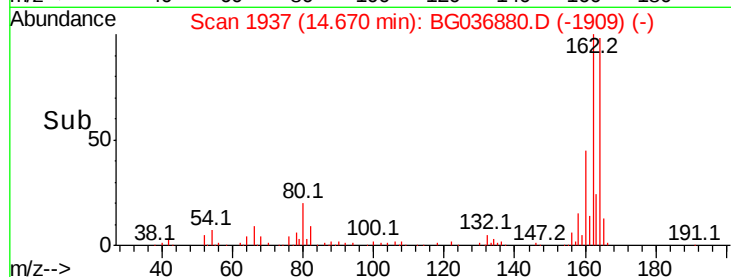
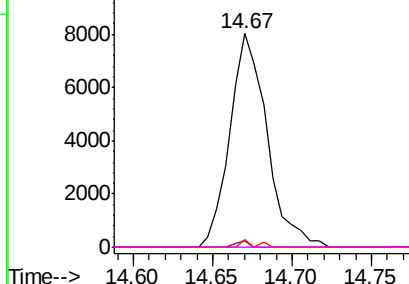
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

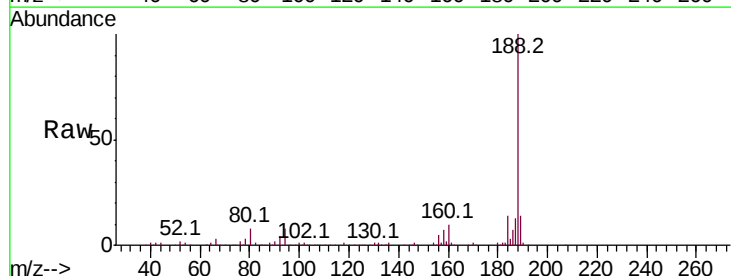
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. 0.00 min
 Lab File: BG036880.D
 Acq: 22 Sep 2018 5:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.7	10.1
80	8.2	8.1	12.1

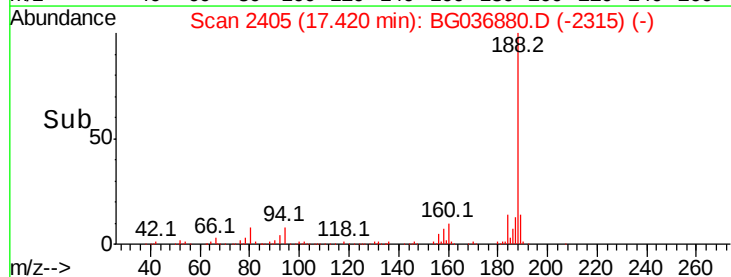
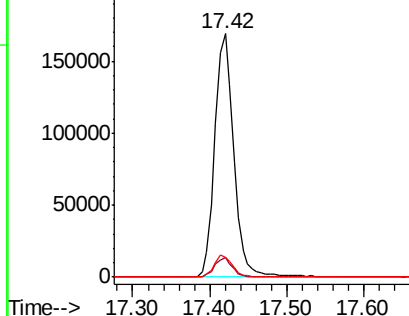


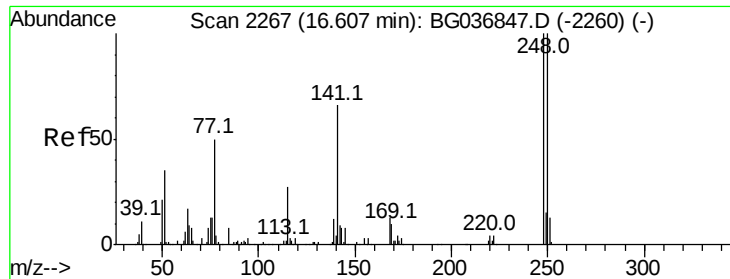
Abundance

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

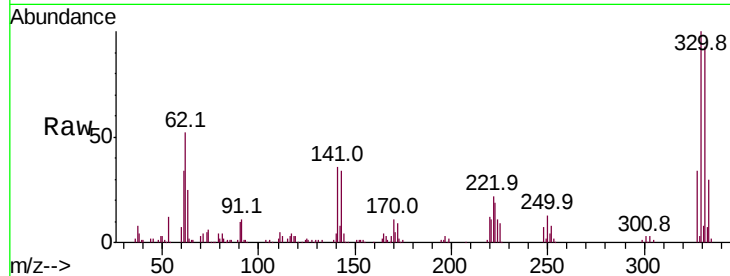




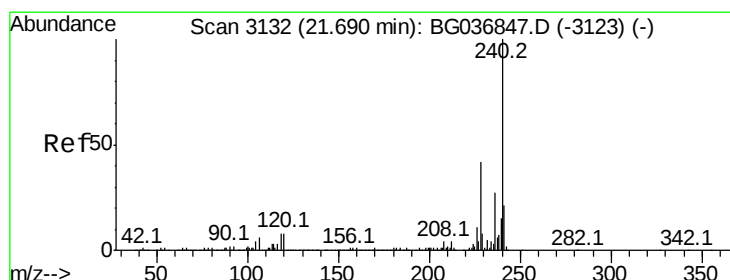
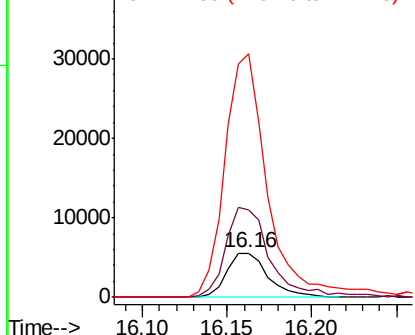
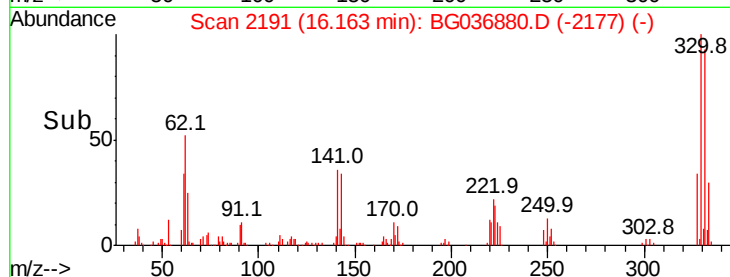
#66
 4-Bromophenyl-phenylether
 Concen: 2.888 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.44 min
 Lab File: BG036880.D
 Acq: 22 Sep 2018 5:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 9454
 Ion Ratio Lower Upper
 248 100
 250 196.2 78.1 117.1#
 141 548.3 53.7 80.5#

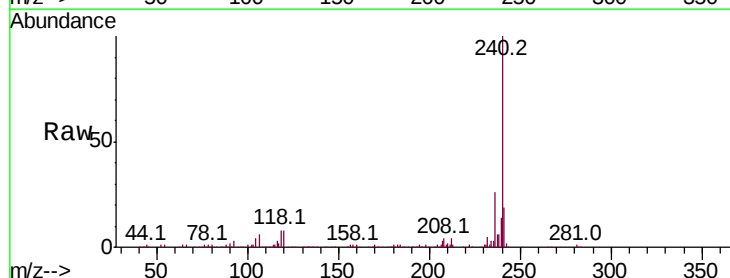


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

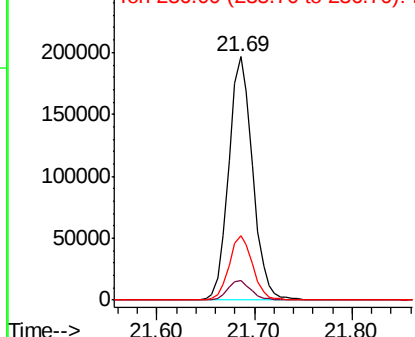
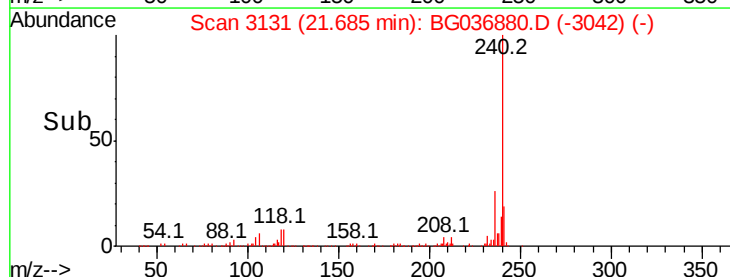


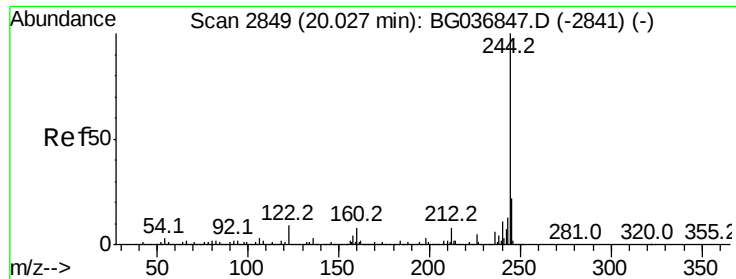
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3131
 Delta R.T. -0.00 min
 Lab File: BG036880.D
 Acq: 22 Sep 2018 5:08

Tgt Ion:240 Resp: 335098
 Ion Ratio Lower Upper
 240 100
 120 8.3 6.9 10.3
 236 26.3 21.2 31.8



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





#78

Terphenyl-d14

Concen: 91.762 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BG036880.D

Acq: 22 Sep 2018 5:08

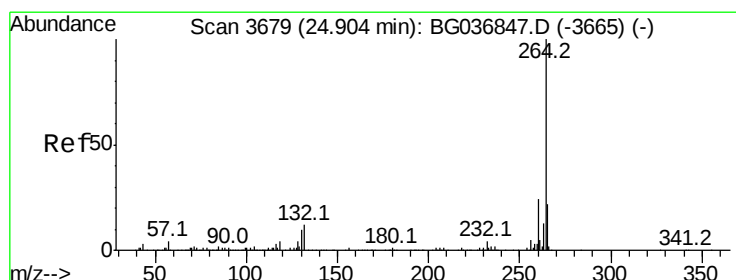
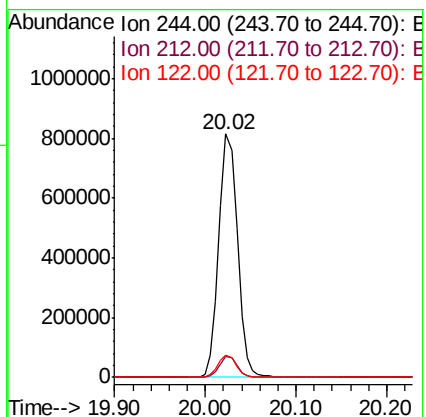
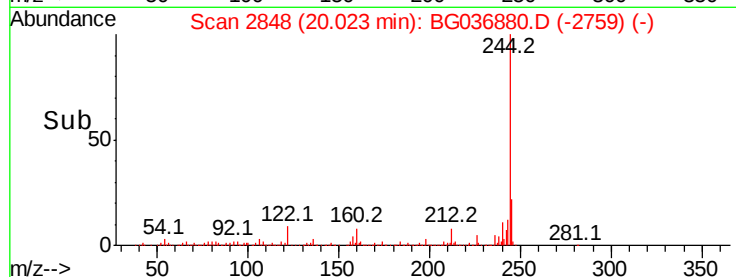
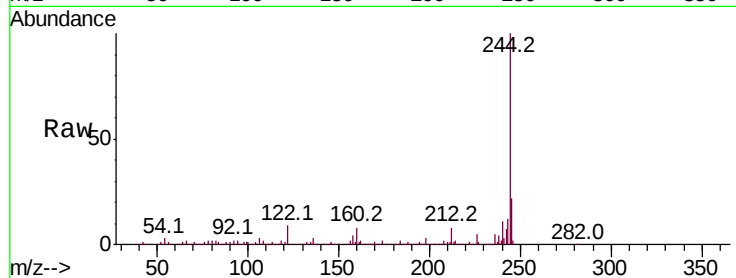
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1169406

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	9.0	7.1	10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BG036880.D

Acq: 22 Sep 2018 5:08

Tgt Ion:264 Resp: 326574

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	21.8	17.4	26.0

