

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
 Data File : BG036897.D
 Acq On : 22 Sep 2018 16:50
 Operator : JU/SJ
 Sample : J5019-07
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 24 03:55:54 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

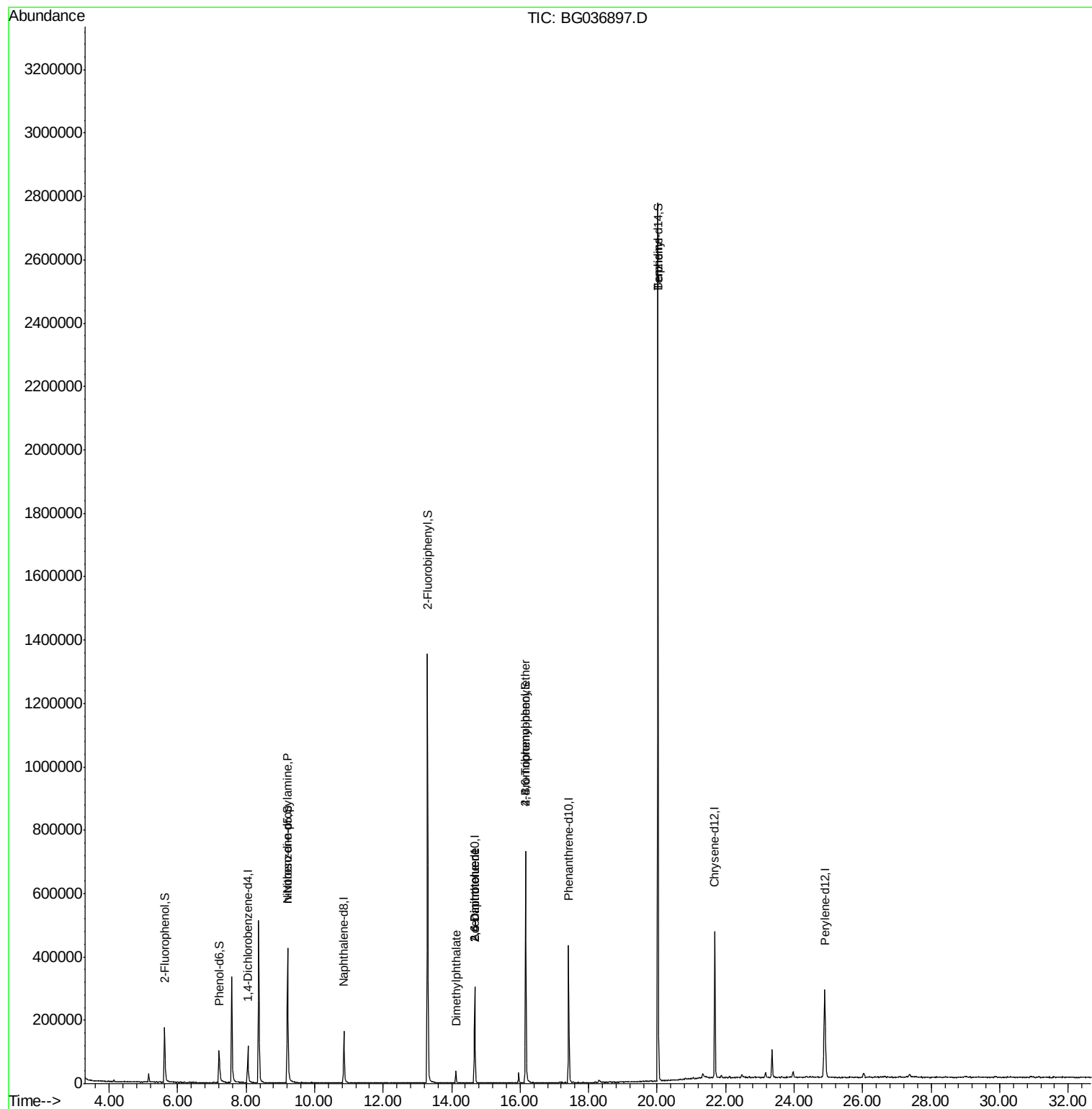
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	38142	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	160114	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	113195	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	291282	20.00	ng	0.00
75) Chrysene-d12	21.68	240	307202	20.00	ng	0.00
86) Perylene-d12	24.89	264	305067	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	87812	44.15	ng	0.00
7) Phenol-d6	7.20	99	79879	25.96	ng	0.00
23) Nitrobenzene-d5	9.21	82	304798	101.94	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	142289	105.06	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	761934	100.25	ng	0.00
78) Terphenyl-d14	20.02	244	1364390	116.78	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	41484	16.206	ng	# 71
49) Dimethylphthalate	14.12	163	28271	3.103	ng	# 97
50) 2,6-Dinitrotoluene	14.67	165	14580	7.334	ng	# 23
56) 2,4-Dinitrotoluene	14.67	165	14580	5.256	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	9932	2.998	ng	# 1
76) Benzidine	20.02	184	23673	2.549	ng	# 95

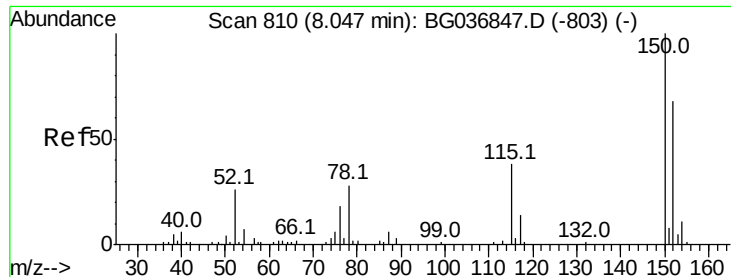
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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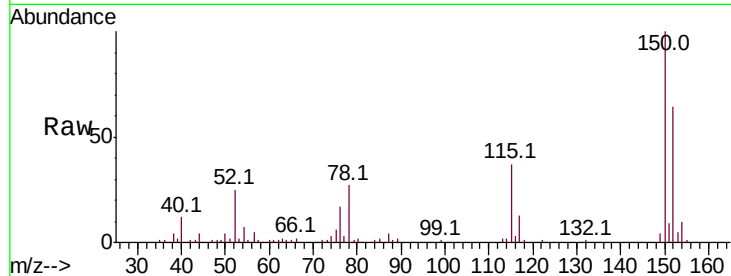


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG036897.D
Acq: 22 Sep 2018 16:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	119.5	179.3
115	57.9	44.5	66.7

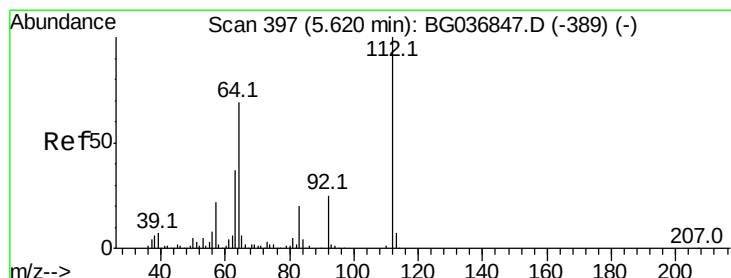
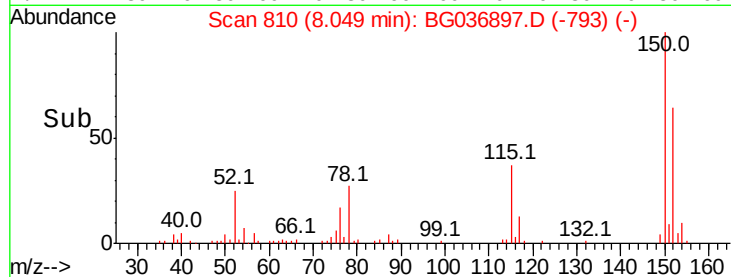
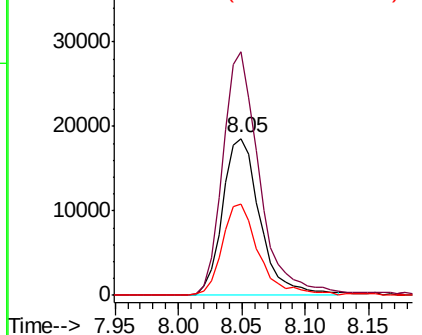


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

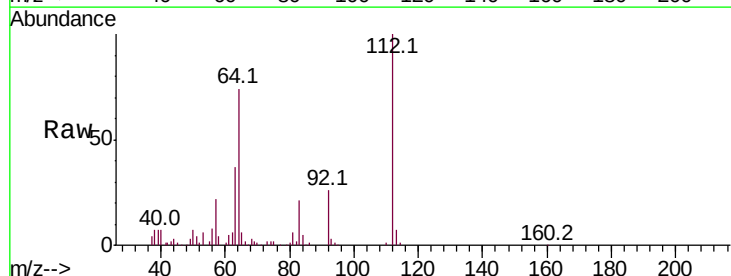
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 44.152 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG036897.D
Acq: 22 Sep 2018 16:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.2	57.2	85.8
63	36.7	30.8	46.2

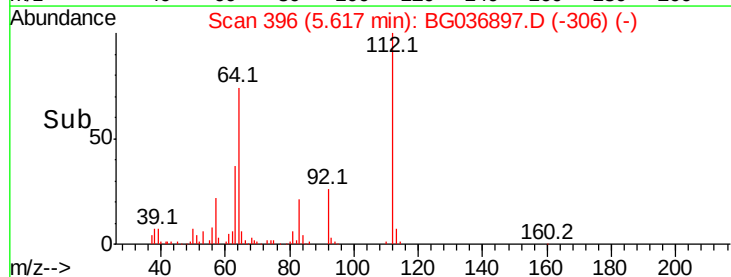
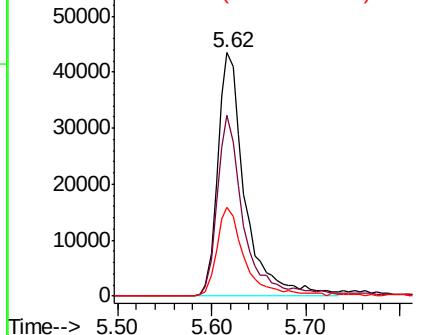


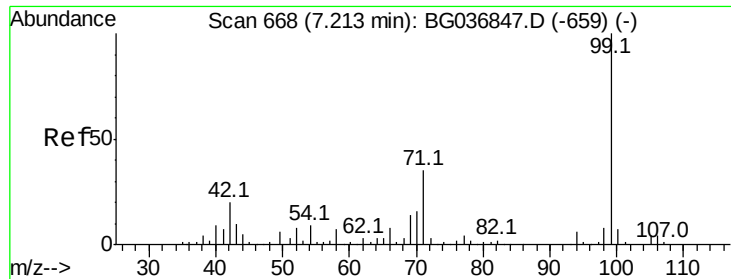
Abundance

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: 25.959 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036897.D

Acq: 22 Sep 2018 16:50

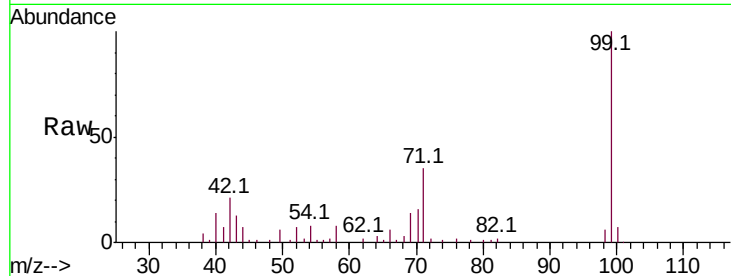
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 79879

Ion	Ratio	Lower	Upper
99	100		
42	21.4	16.5	24.7
71	35.4	29.4	44.2

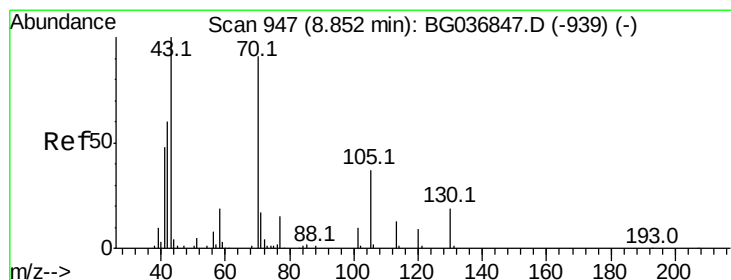
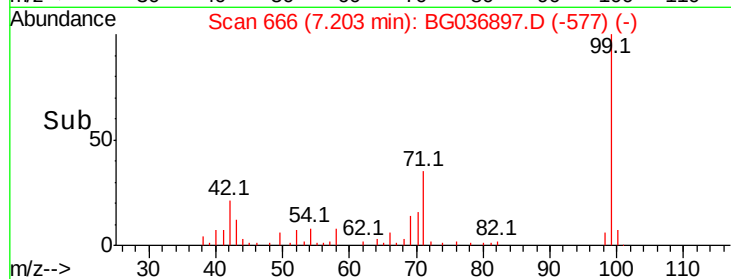
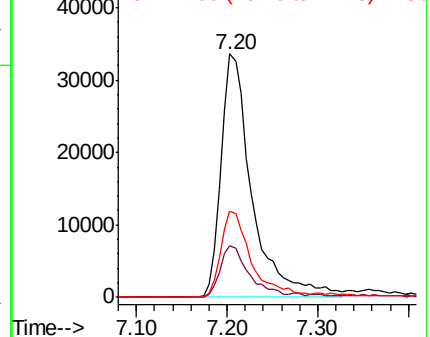


Abundance

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: 16.206 ng

RT: 9.21 min Scan# 1007

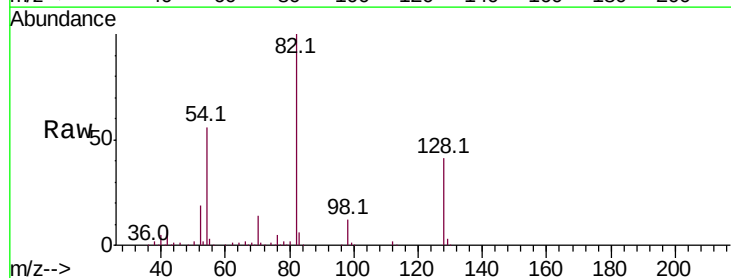
Delta R.T. 0.35 min

Lab File: BG036897.D

Acq: 22 Sep 2018 16:50

Tgt Ion: 70 Resp: 41484

Ion	Ratio	Lower	Upper
70	100		
42	49.1	56.2	84.4#
101	0.0	7.8	11.6#
130	2.1	16.2	24.2#



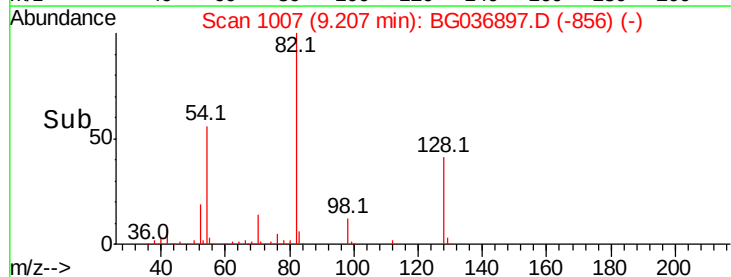
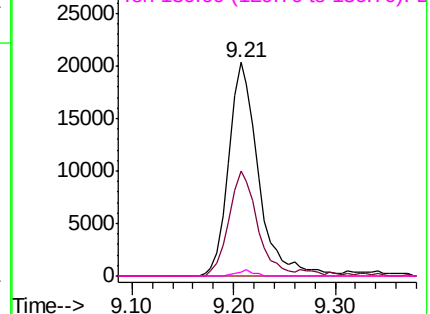
Abundance

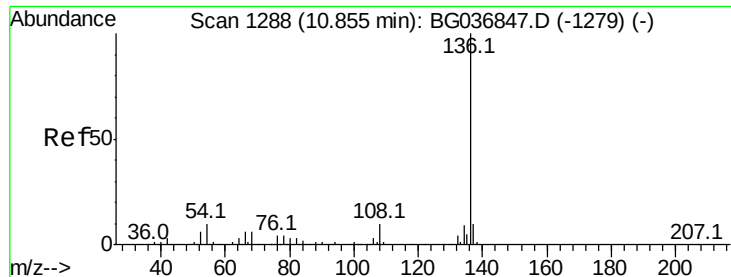
Ion 70.00 (69.70 to 70.70): BGC

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

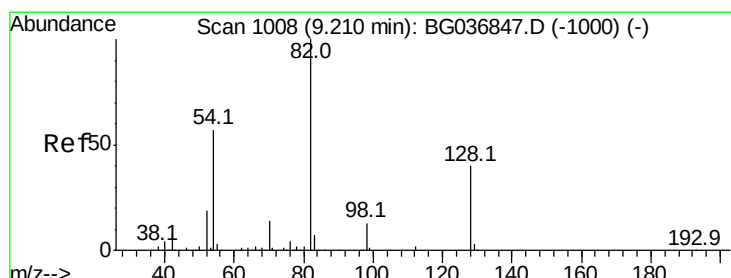
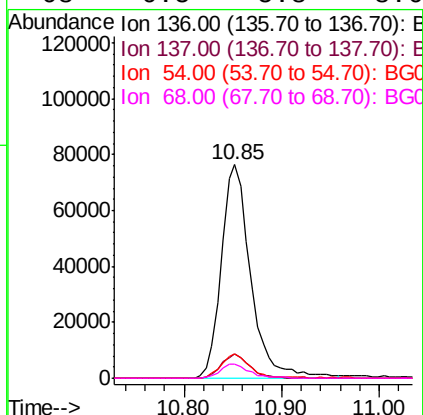
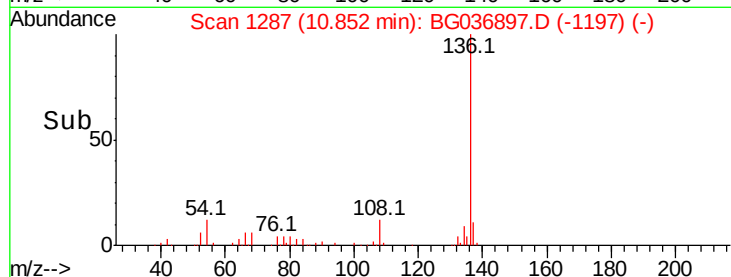
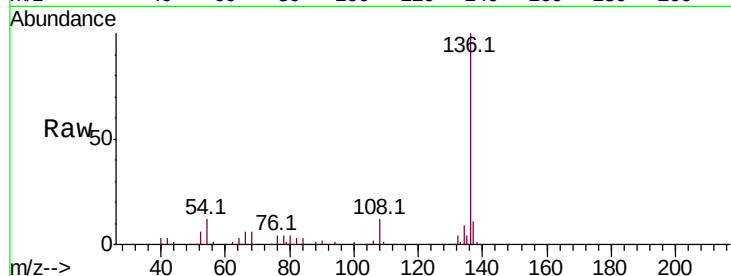




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG036897.D
Acq: 22 Sep 2018 16:50

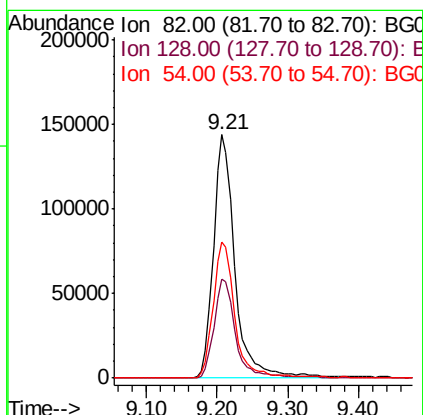
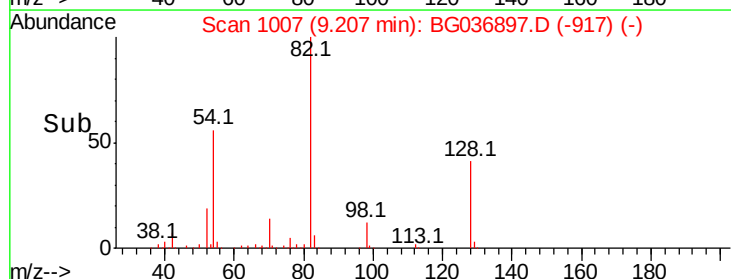
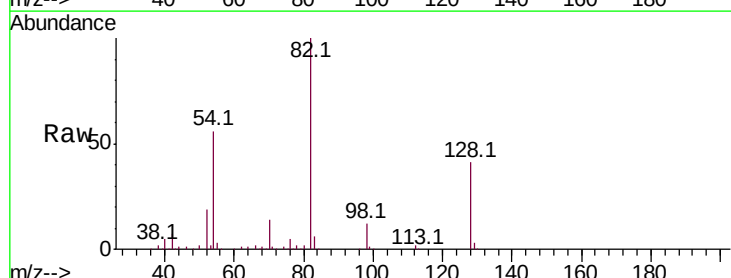
Instrument :
BNA_G
ClientSampled :

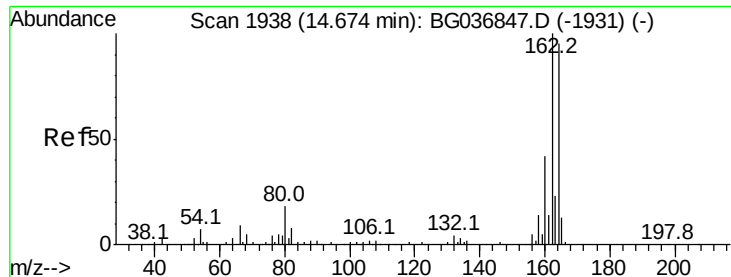
Tot Ion:	136	Resp:	160114
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	11.6	9.2	13.8
68	6.5	5.8	8.6



#23
Nitrobenzene-d5
Concen: 101.941 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG036897.D
Acq: 22 Sep 2018 16:50

Tgt Ion:	82	Resp:	304798
Ion	Ratio	Lower	Upper
82	100		
128	40.6	33.3	49.9
54	56.2	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: BG036897.D

Acq: 22 Sep 2018 16:50

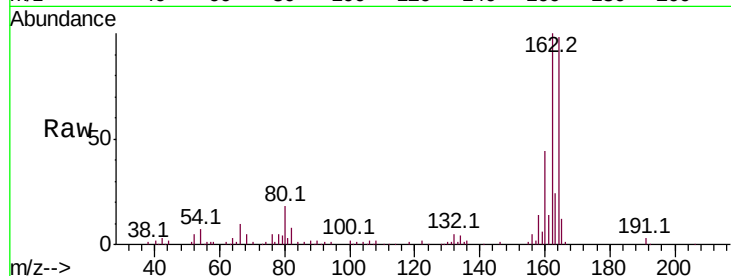
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 113195

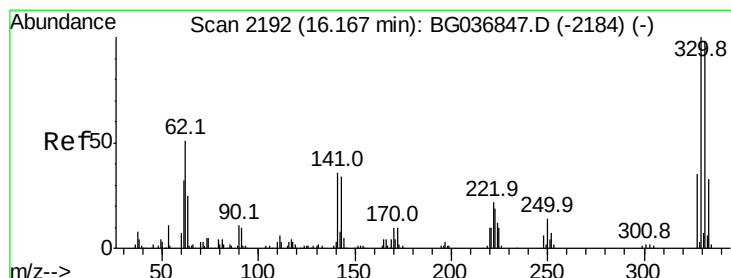
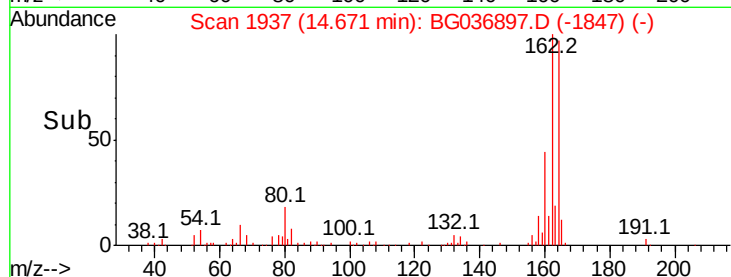
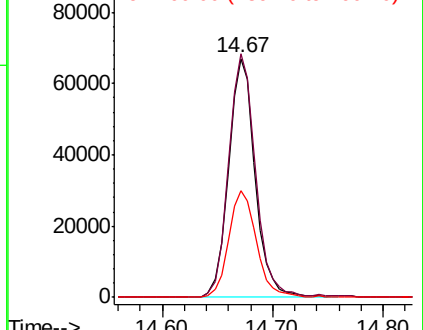
Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.7	121.1
160	44.6	35.3	52.9



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: 105.064 ng

RT: 16.16 min Scan# 2190

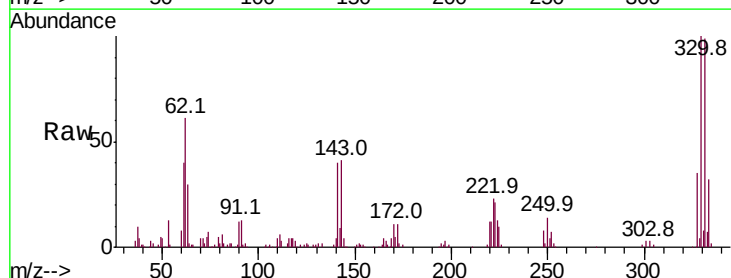
Delta R.T. -0.01 min

Lab File: BG036897.D

Acq: 22 Sep 2018 16:50

Tgt Ion:330 Resp: 142289

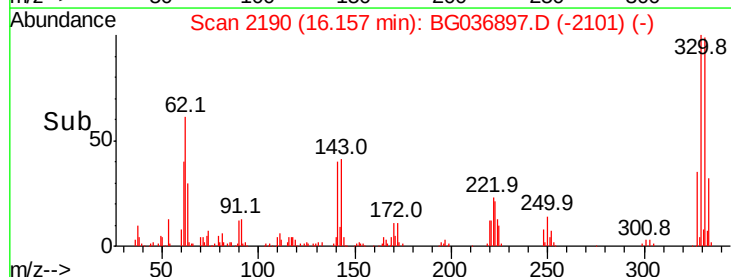
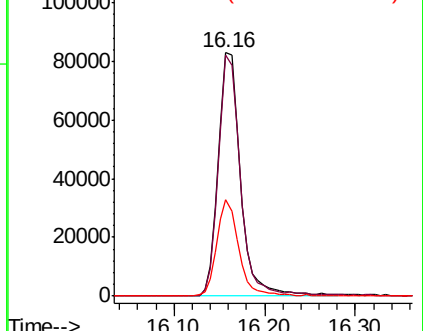
Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.4	113.2
141	38.5	30.7	46.1

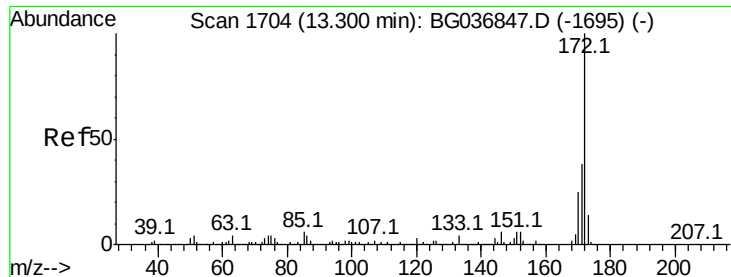


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

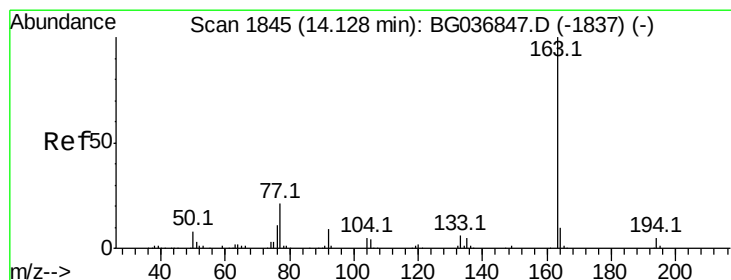
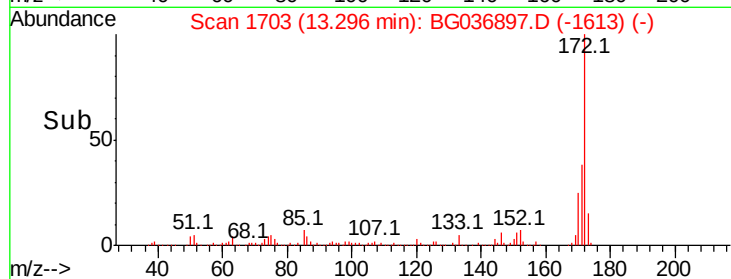
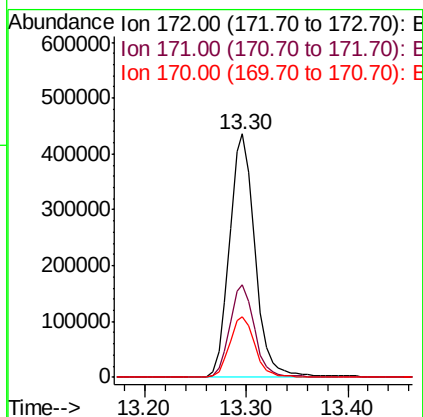
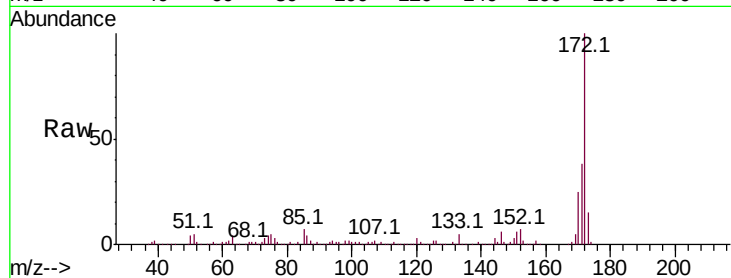




#44
2-Fluorobiphenyl
Concen: 100.253 ng
RT: 13.30 min Scan# 1703
Delta R.T. -0.00 min
Lab File: BG036897.D
Acq: 22 Sep 2018 16:50

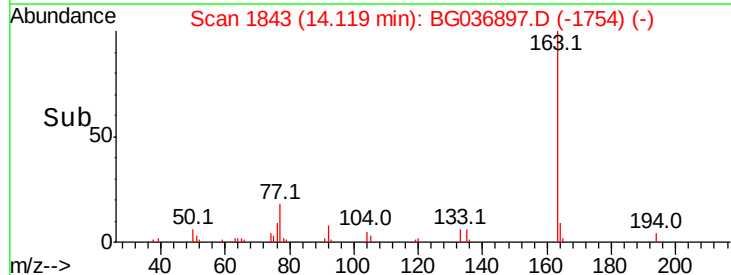
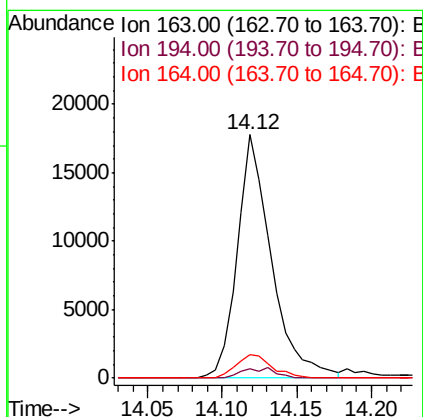
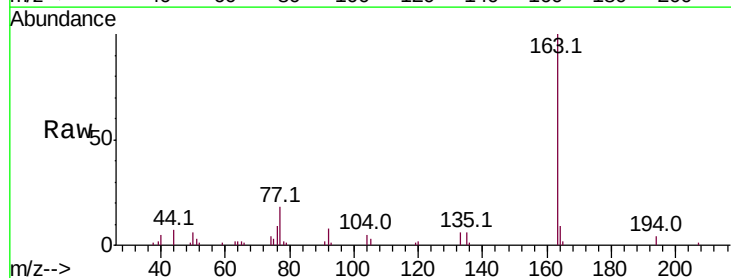
Instrument :
BNA_G
ClientSampled :

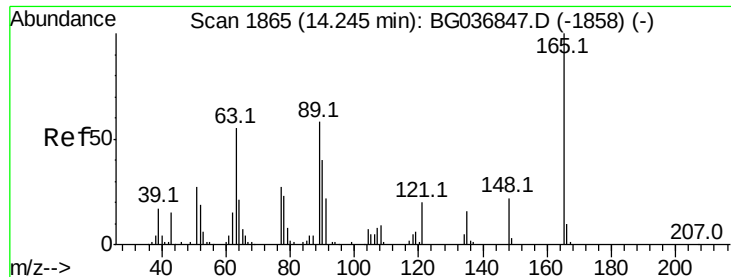
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.3	46.9
170	25.1	21.0	31.6



#49
Dimethylphthalate
Concen: 3.103 ng
RT: 14.12 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BG036897.D
Acq: 22 Sep 2018 16:50

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	4.0	6.0#
164	9.5	8.1	12.1

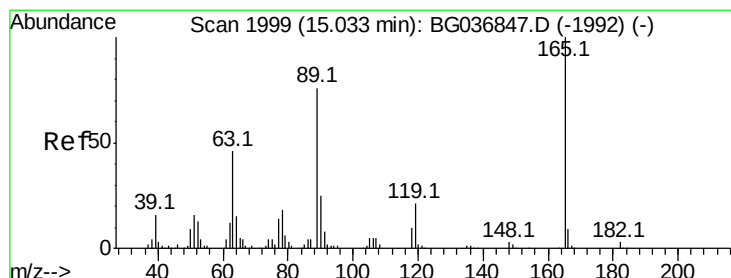
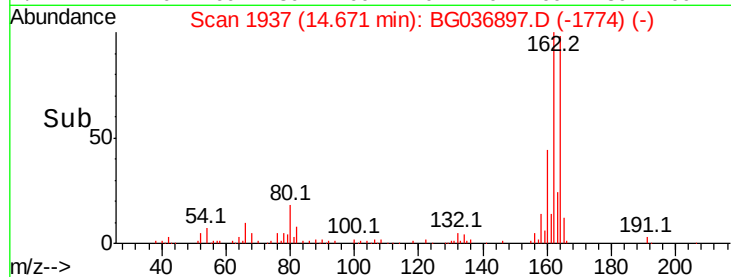
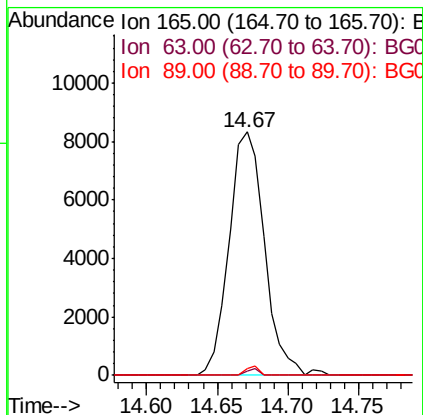
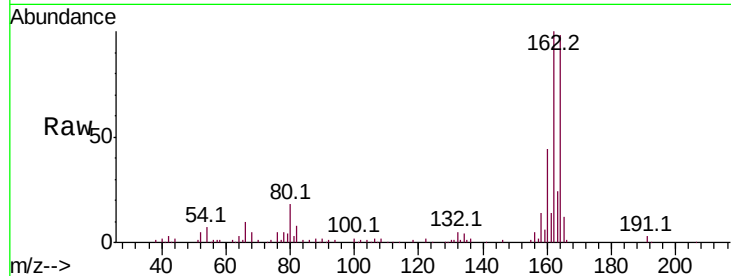




#50
 2,6-Dinitrotoluene
 Concen: 7.334 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.43 min
 Lab File: BG036897.D
 Acq: 22 Sep 2018 16:50

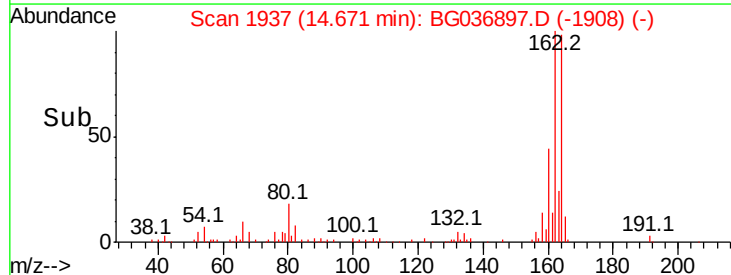
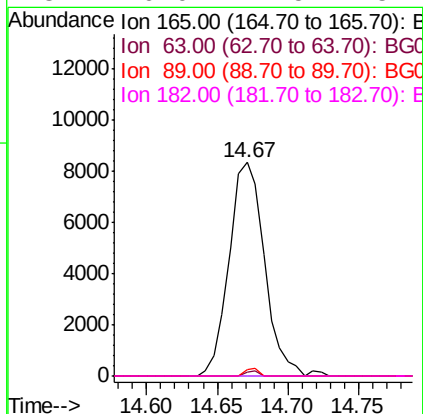
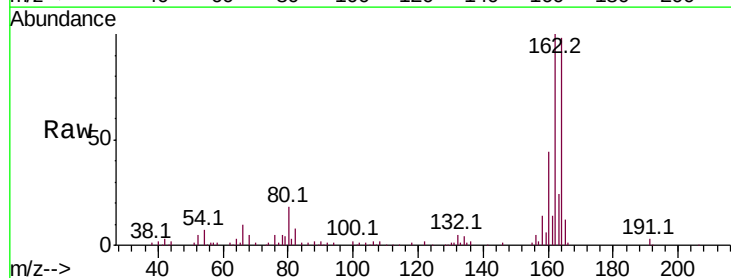
Instrument :
 BNA_G
 ClientSampleId :

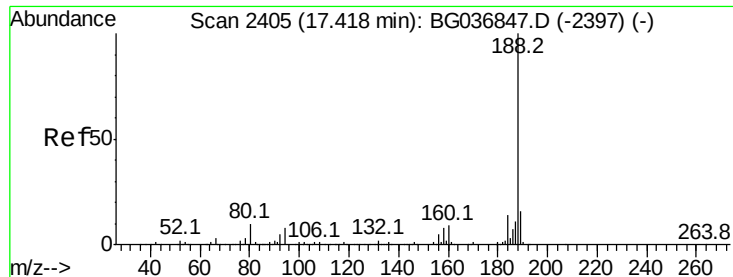
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	50.1	75.1#
89	3.1	47.8	71.6#



#56
 2,4-Dinitrotoluene
 Concen: 5.256 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.36 min
 Lab File: BG036897.D
 Acq: 22 Sep 2018 16:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	40.1	60.1#
89	3.1	63.7	95.5#
182	0.0	2.5	3.7#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2404

Delta R.T. -0.00 min

Lab File: BG036897.D

Acq: 22 Sep 2018 16:50

Instrument :

BNA_G

ClientSampleId :

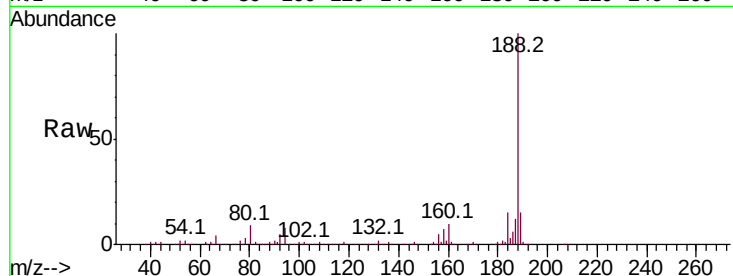
Tot Ion:188 Resp: 291282

Ion Ratio Lower Upper

188 100

94 7.8 6.7 10.1

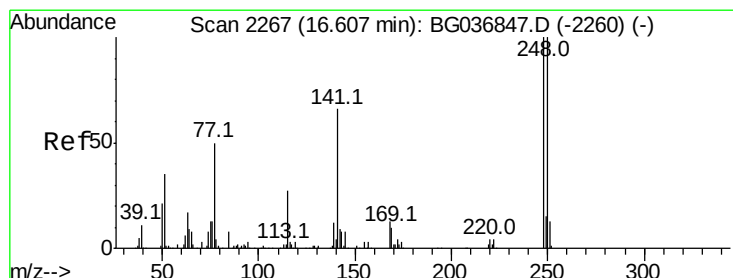
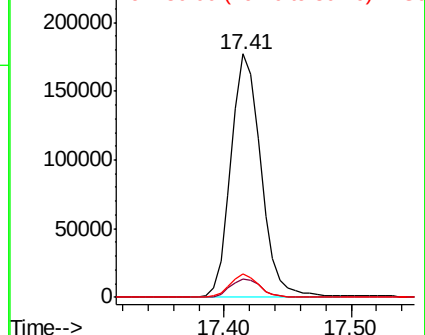
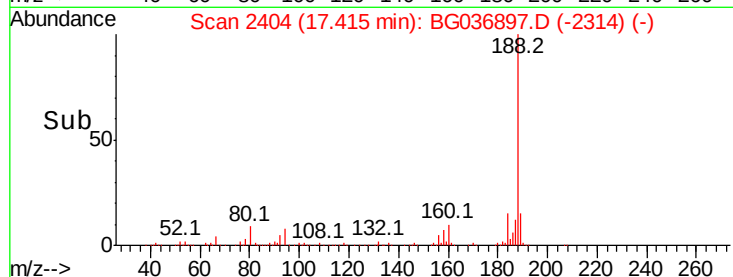
80 9.5 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#66

4-Bromophenyl-phenylether

Concen: 2.998 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.45 min

Lab File: BG036897.D

Acq: 22 Sep 2018 16:50

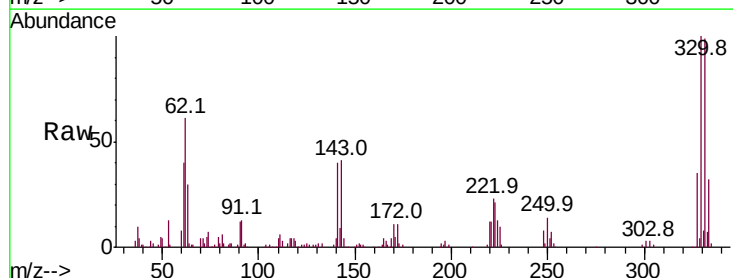
Tgt Ion:248 Resp: 9932

Ion Ratio Lower Upper

248 100

250 182.4 78.1 117.1#

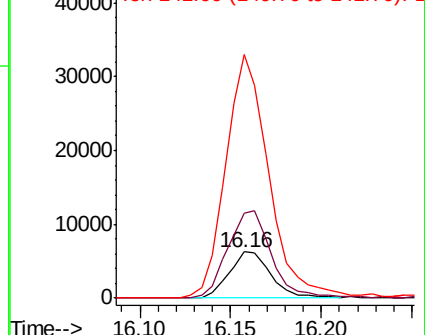
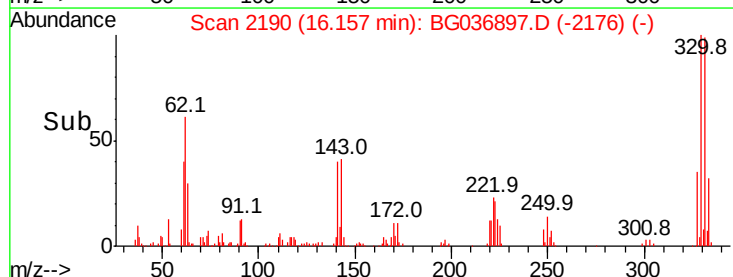
141 526.1 53.7 80.5#

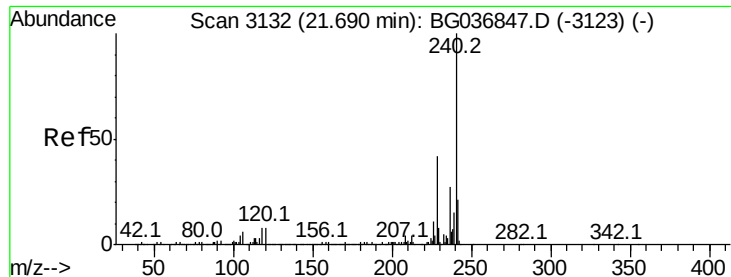


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG036897.D

Acq: 22 Sep 2018 16:50

Instrument :

BNA_G

ClientSampled :

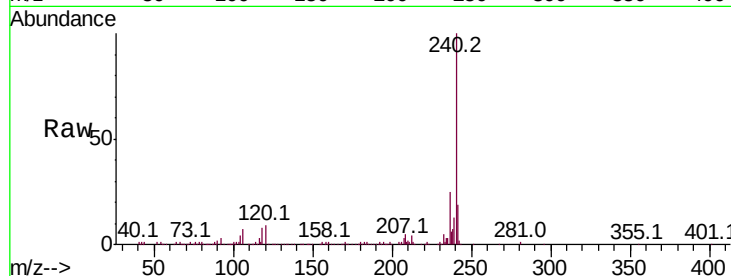
Tot Ion:240 Resp: 307202

Ion Ratio Lower Upper

240 100

120 8.5 6.9 10.3

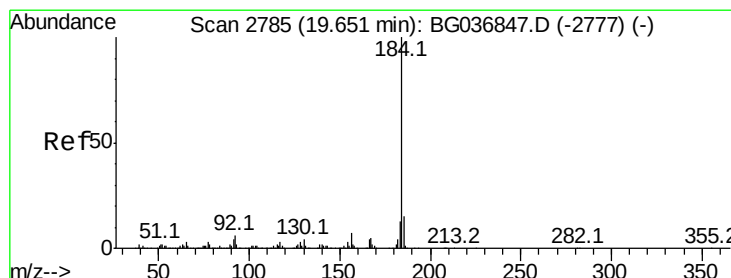
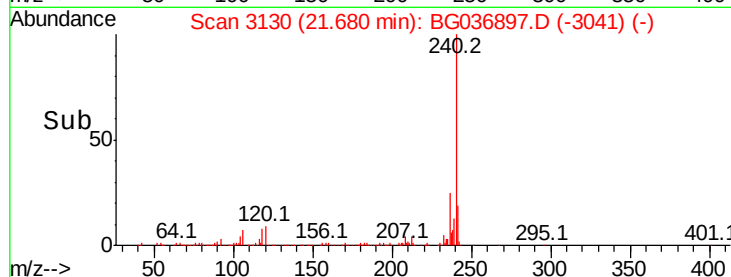
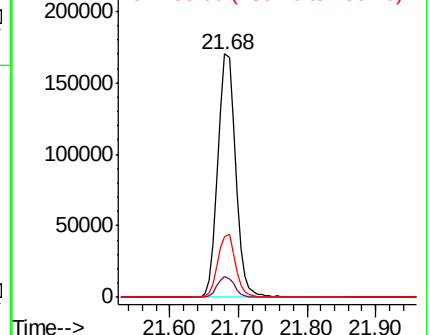
236 25.0 21.2 31.8



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



#76

Benzidine

Concen: 2.549 ng

RT: 20.02 min Scan# 2848

Delta R.T. 0.37 min

Lab File: BG036897.D

Acq: 22 Sep 2018 16:50

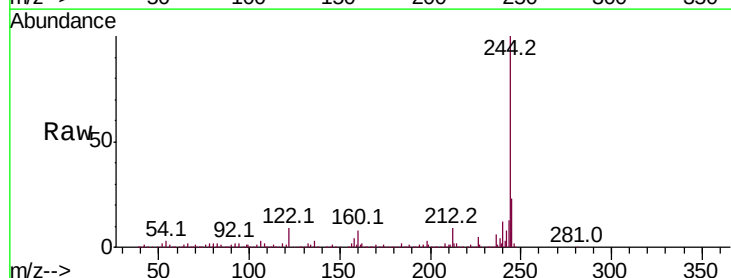
Tgt Ion:184 Resp: 23673

Ion Ratio Lower Upper

184 100

185 15.7 12.6 18.8

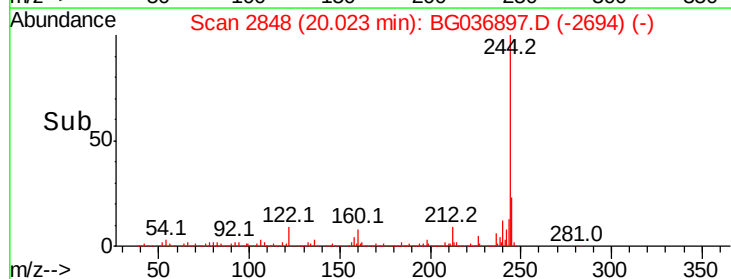
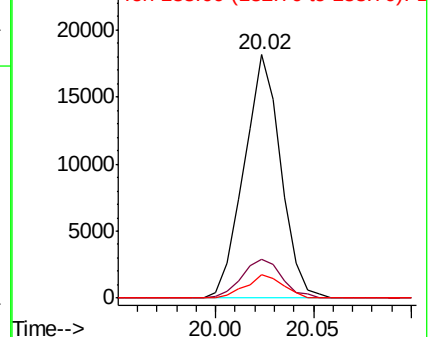
183 9.4 10.9 16.3#

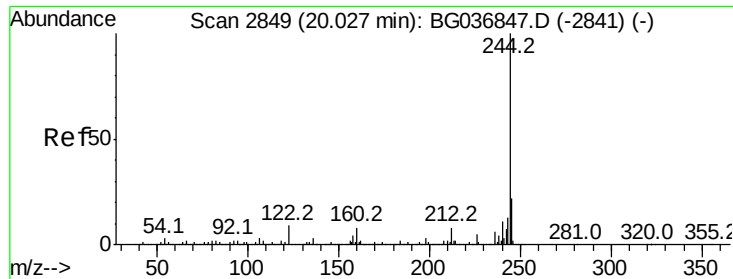


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



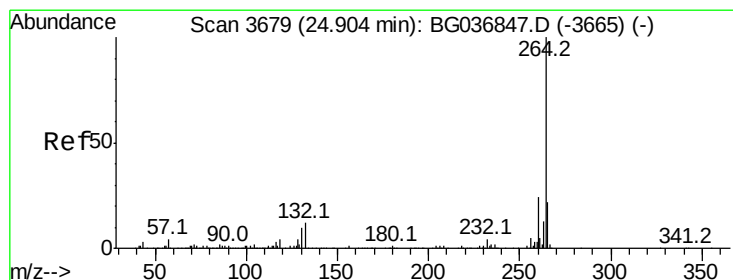
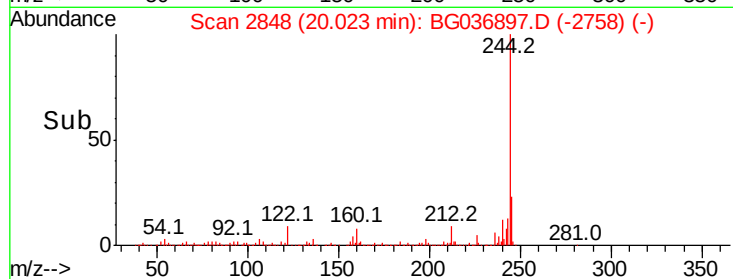
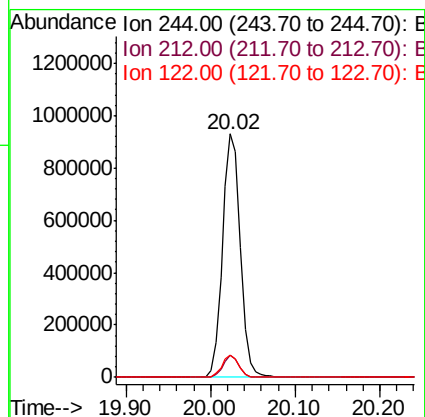
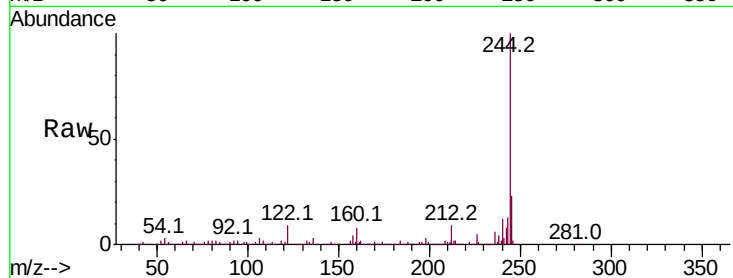


#78
 Terphenyl-d14
 Concen: 116.785 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.00 min
 Lab File: BG036897.D
 Acq: 22 Sep 2018 16:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1364390

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.6
122	9.3	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.02 min
 Lab File: BG036897.D
 Acq: 22 Sep 2018 16:50

Tgt Ion:264 Resp: 305067

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	21.3	17.4	26.0

