

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092718\
 Data File : BG037045.D
 Acq On : 28 Sep 2018 11:29
 Operator : JU/SJ
 Sample : J5090-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 28 13:26:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

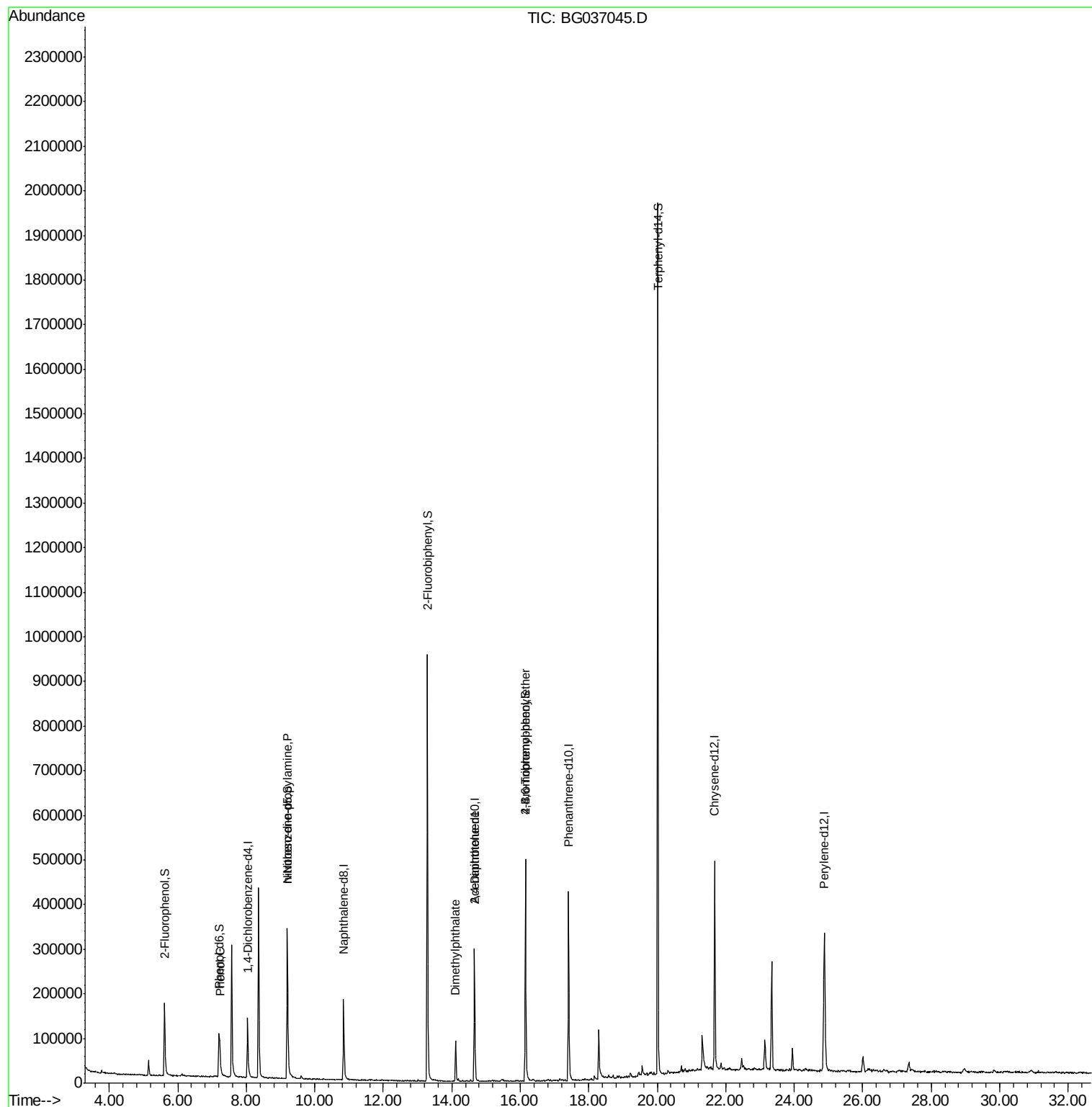
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	42355	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	176023	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	113813	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	293745	20.00	ng	0.00
75) Chrysene-d12	21.68	240	311454	20.00	ng	-0.01
86) Perylene-d12	24.87	264	314862	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	82493	37.35	ng	0.00
7) Phenol-d6	7.20	99	72892	21.33	ng	-0.01
23) Nitrobenzene-d5	9.20	82	256483	78.03	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	98491	72.33	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	541483	70.86	ng	-0.01
78) Terphenyl-d14	20.02	244	969207	81.83	ng	-0.01
Target Compounds						
10) Phenol	7.23	94	37543	10.646	ng	96
19) n-Nitroso-di-n-propylamine	9.20	70	34093	11.994	ng	# 68
49) Dimethylphthalate	14.11	163	70886	7.738	ng	97
56) 2,4-Dinitrotoluene	14.66	165	14516	5.205	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	6727	2.013	ng	# 1

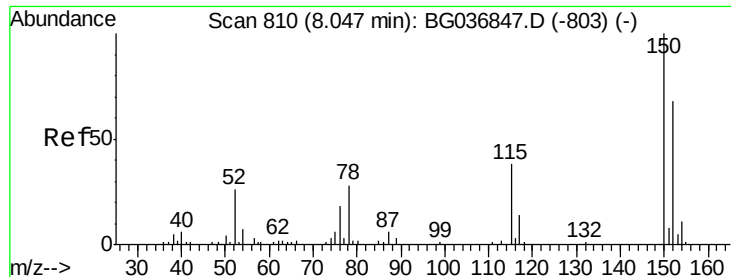
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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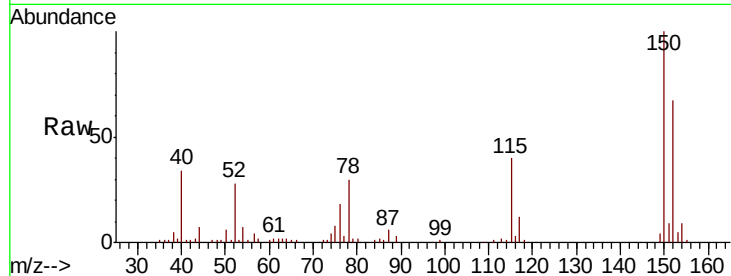


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037045.D
Acq: 28 Sep 2018 11:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.2	119.5	179.3
115	60.6	44.5	66.7

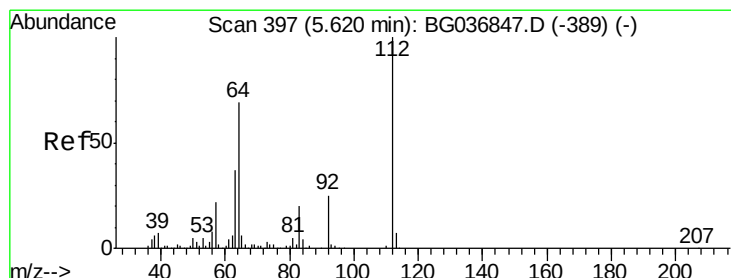
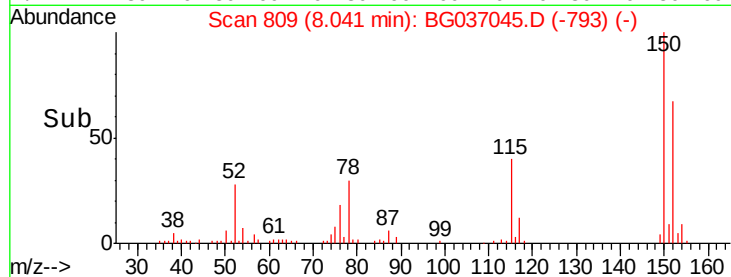
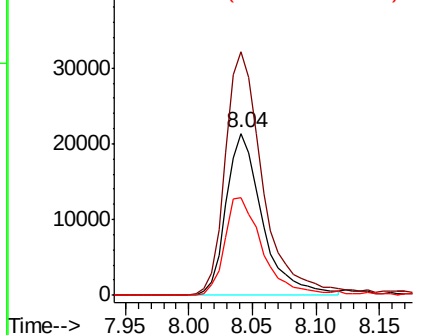


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

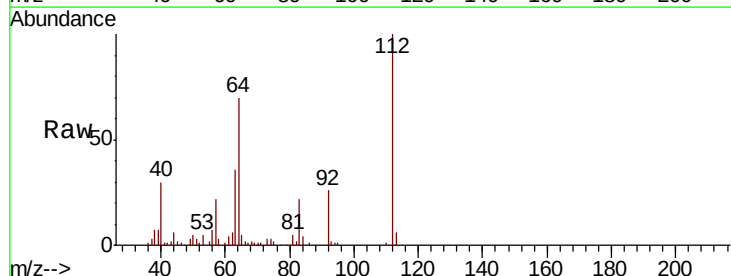
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 37.352 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG037045.D
Acq: 28 Sep 2018 11:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.7	57.2	85.8
63	35.7	30.8	46.2

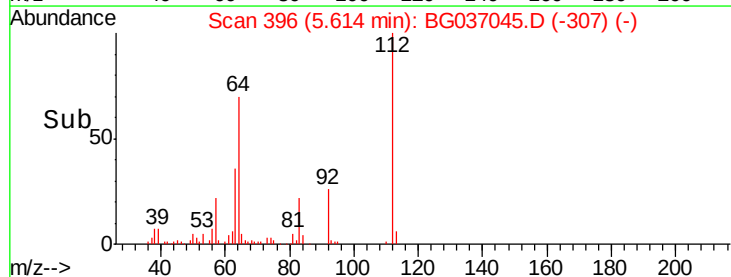
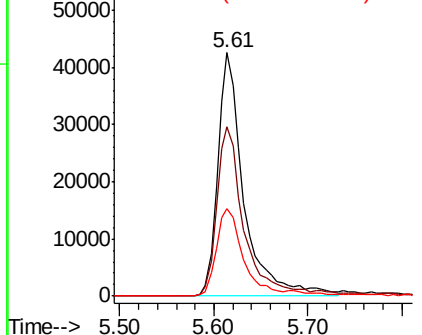


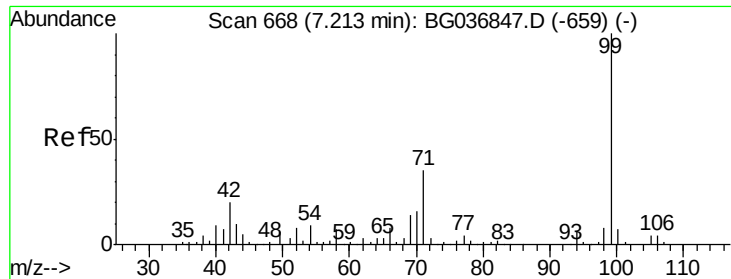
Abundance

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





#7

Phenol-d6

Concen: 21.332 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037045.D

Acq: 28 Sep 2018 11:29

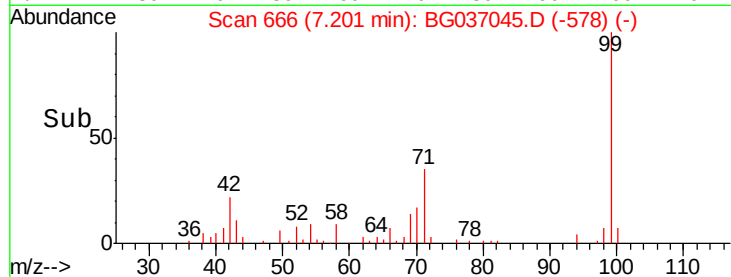
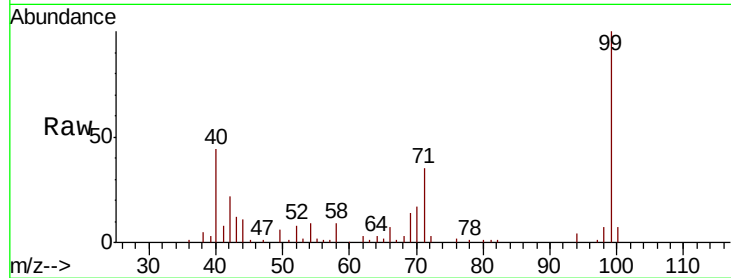
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 72892

Ion	Ratio	Lower	Upper
99	100		
42	22.2	16.5	24.7
71	35.5	29.4	44.2

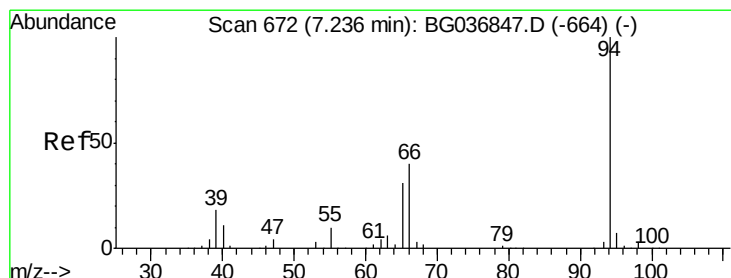
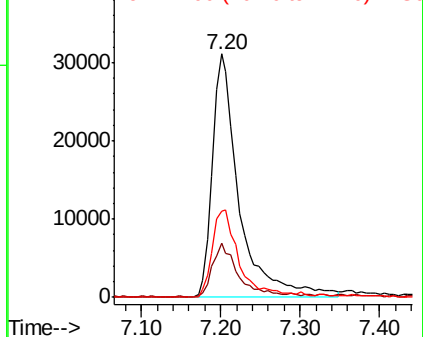


Abundance

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



#10

Phenol

Concen: 10.646 ng

RT: 7.23 min Scan# 671

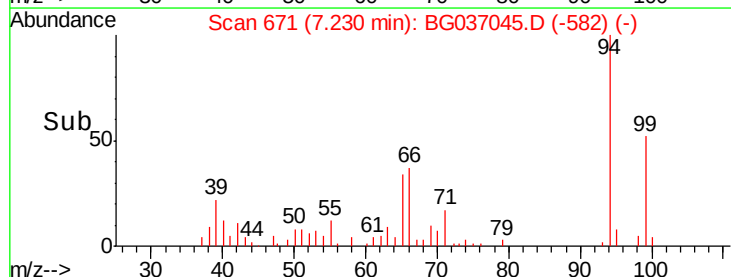
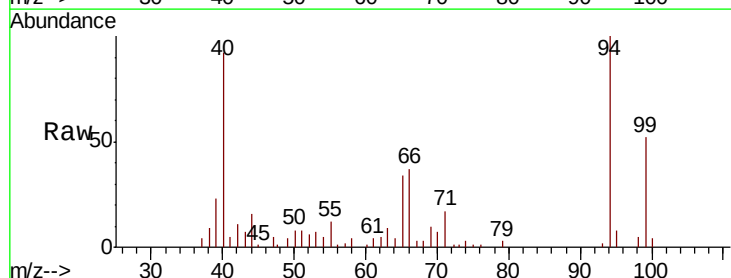
Delta R.T. -0.01 min

Lab File: BG037045.D

Acq: 28 Sep 2018 11:29

Tgt Ion: 94 Resp: 37543

Ion	Ratio	Lower	Upper
94	100		
65	33.9	11.5	51.5
66	36.7	19.5	59.5

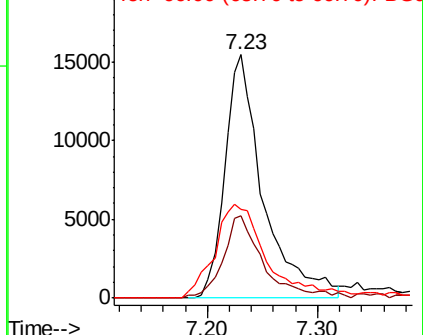


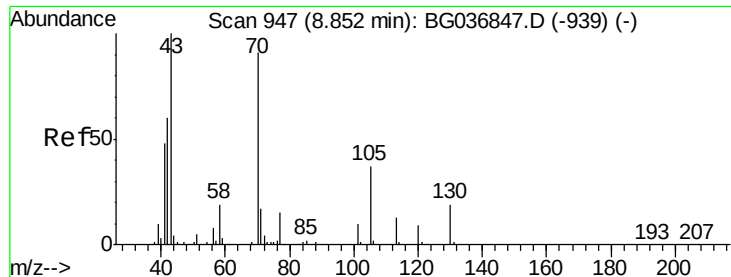
Abundance

Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

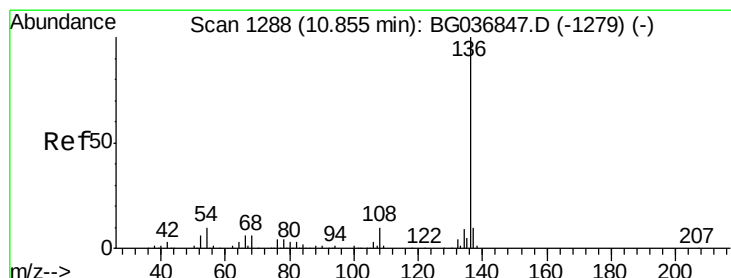
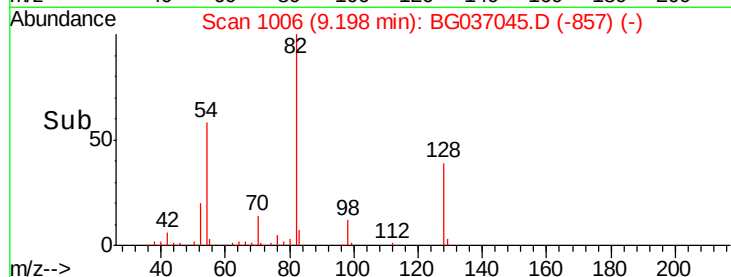
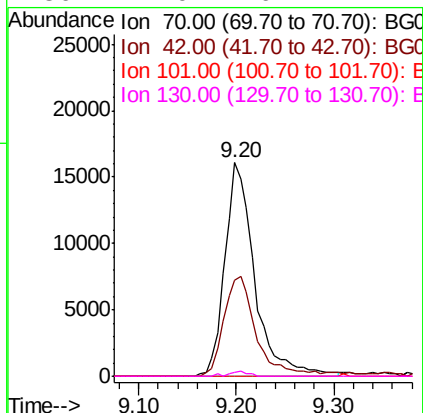
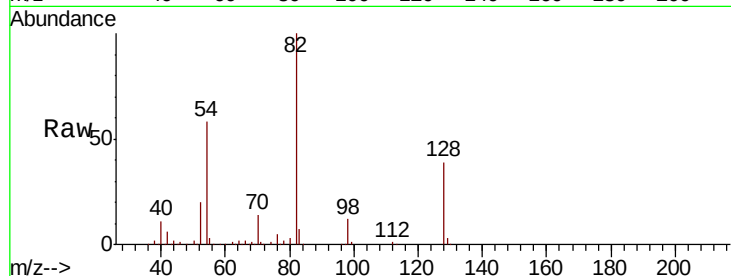




#19
n-Nitroso-di-n-propylamine
Concen: 11.994 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.35 min
Lab File: BG037045.D
Acq: 28 Sep 2018 11:29

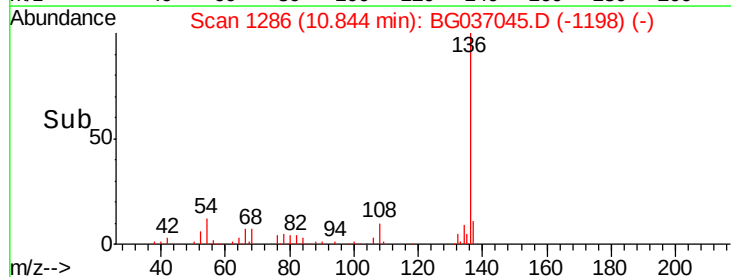
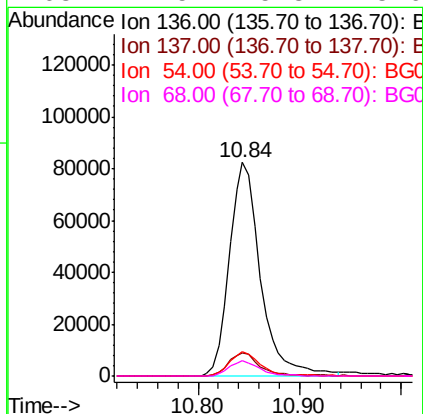
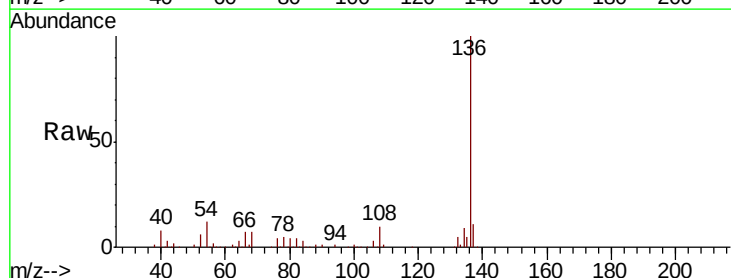
Instrument :
BNA_G
ClientSampled :

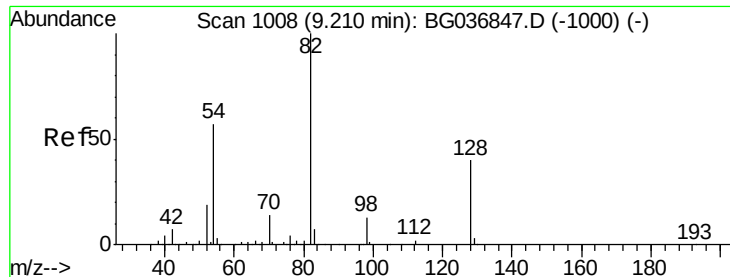
Tot Ion: 70 Resp: 34093
Ion Ratio Lower Upper
70 100
42 45.1 56.2 84.4#
101 0.0 7.8 11.6#
130 2.0 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037045.D
Acq: 28 Sep 2018 11:29

Tgt Ion: 136 Resp: 176023
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 11.5 9.2 13.8
68 7.5 5.8 8.6

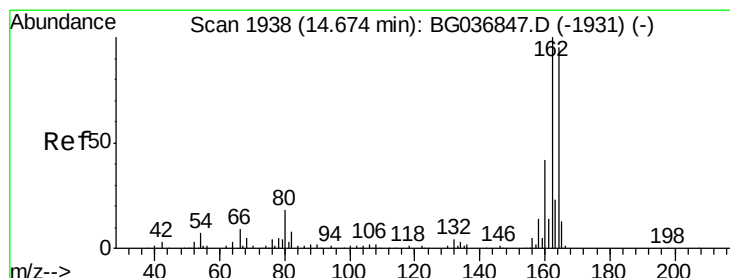
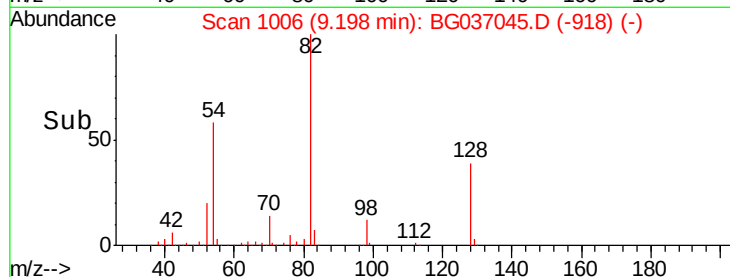
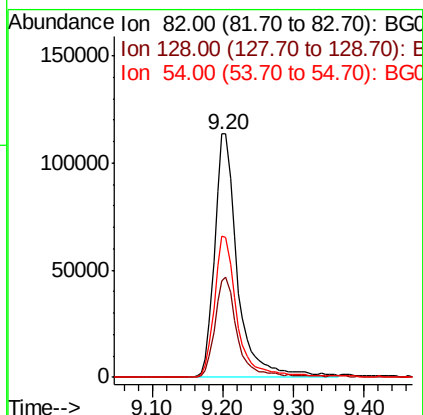
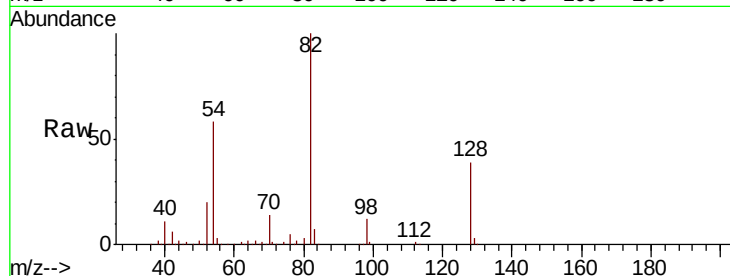




#23
 Nitrobenzene-d5
 Concen: 78.029 ng
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG037045.D
 Acq: 28 Sep 2018 11:29

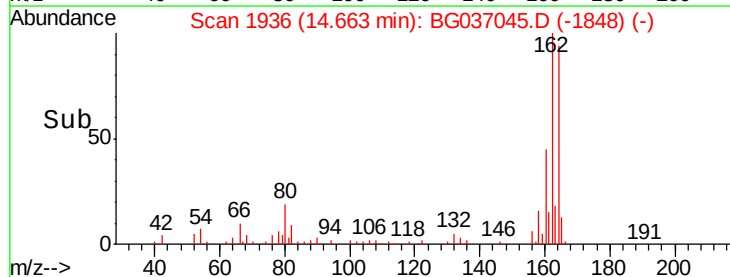
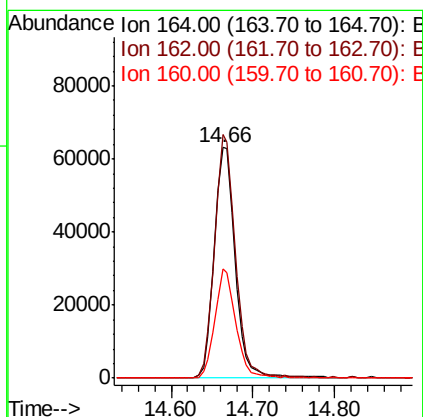
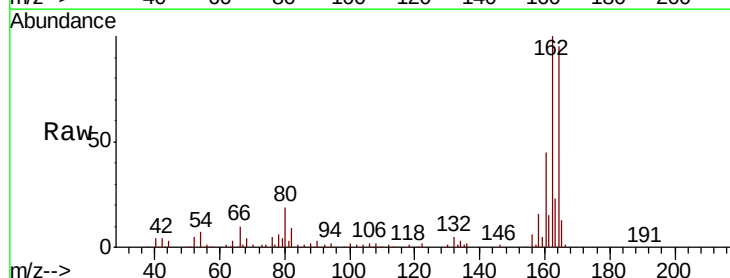
Instrument :
 BNA_G
 ClientSampled :

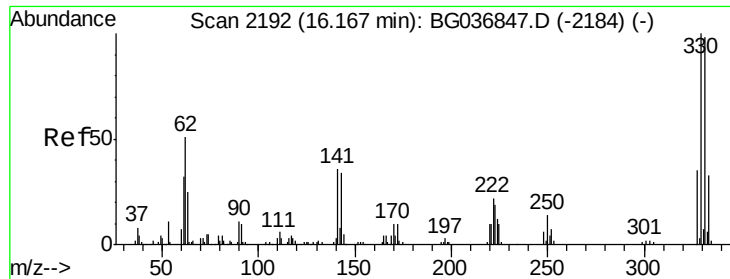
Tot Ion	82	Resp	256483
Ion Ratio	Lower	Upper	
82	100		
128	39.5	33.3	49.9
54	57.8	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BG037045.D
 Acq: 28 Sep 2018 11:29

Tgt Ion	164	Resp	113813
Ion Ratio	Lower	Upper	
164	100		
162	105.5	80.7	121.1
160	47.5	35.3	52.9

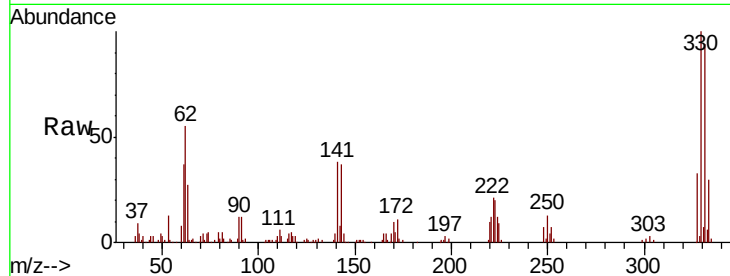




#41
 2,4,6-Tribromophenol
 Concen: 72.329 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG037045.D
 Acq: 28 Sep 2018 11:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.4	113.2
141	41.1	30.7	46.1

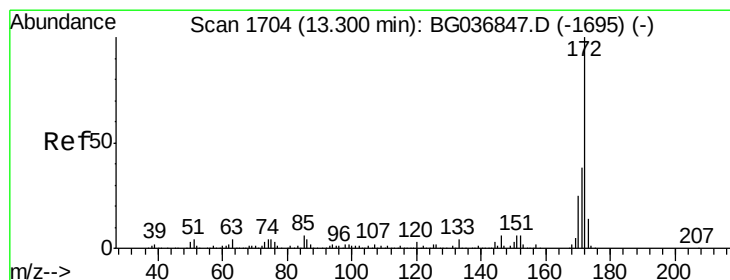
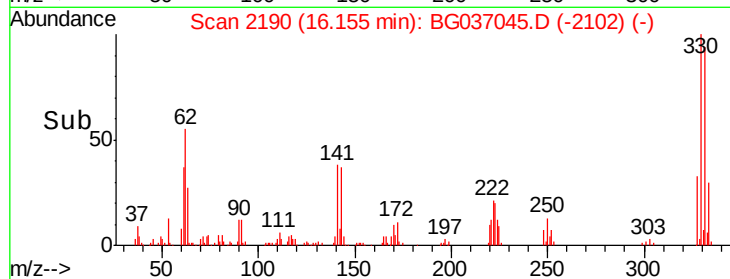
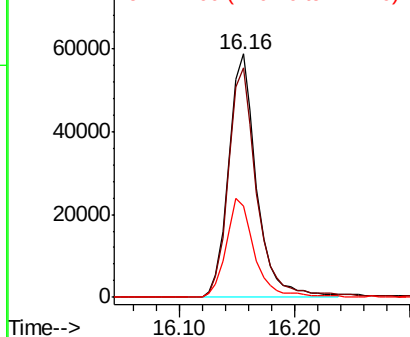


Abundance

Ion 329.80 (329.50 to 330.50): E

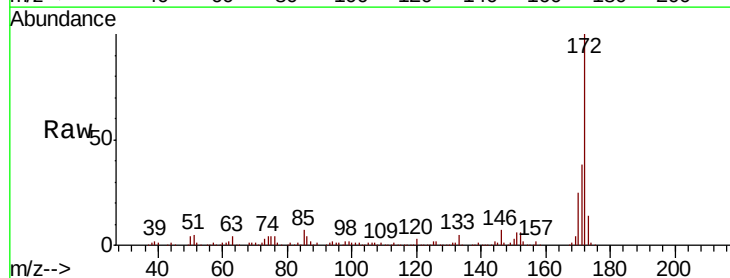
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 70.860 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037045.D
 Acq: 28 Sep 2018 11:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.3	46.9
170	25.4	21.0	31.6

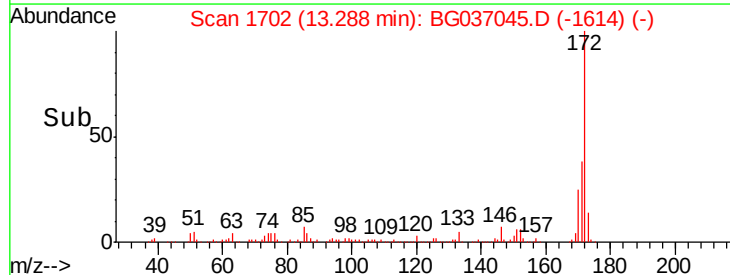
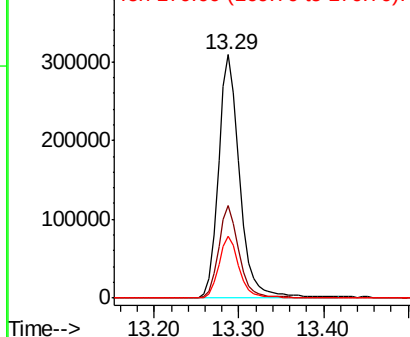


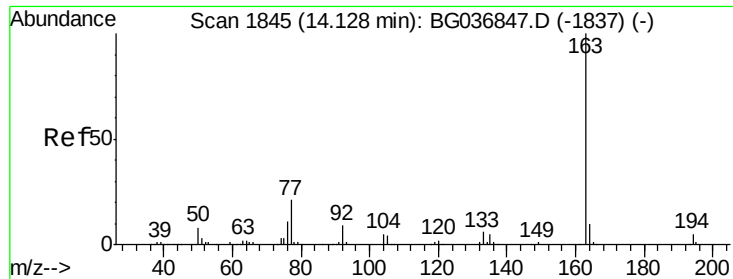
Abundance

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

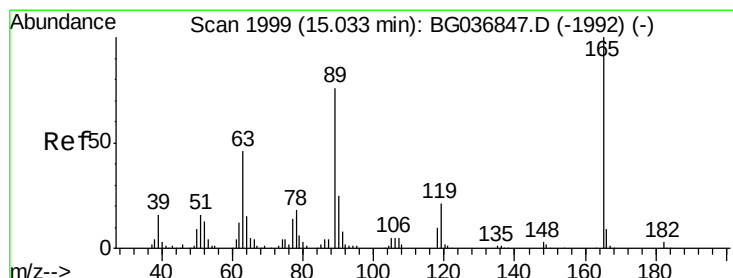
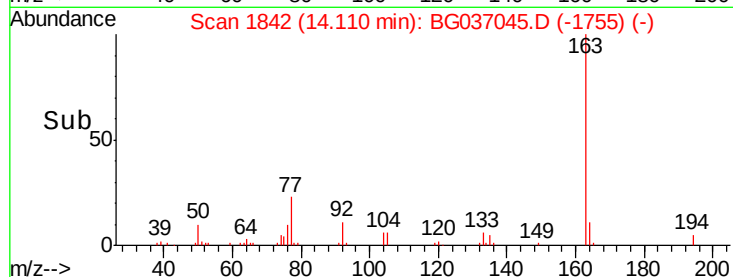
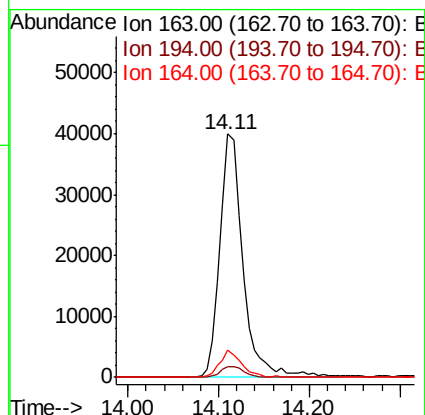
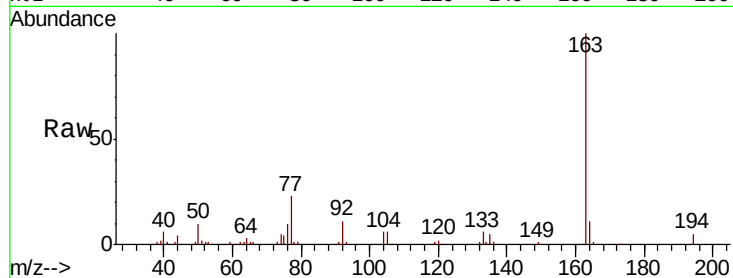




#49
Dimethylphthalate
Concen: 7.738 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.02 min
Lab File: BG037045.D
Acq: 28 Sep 2018 11:29

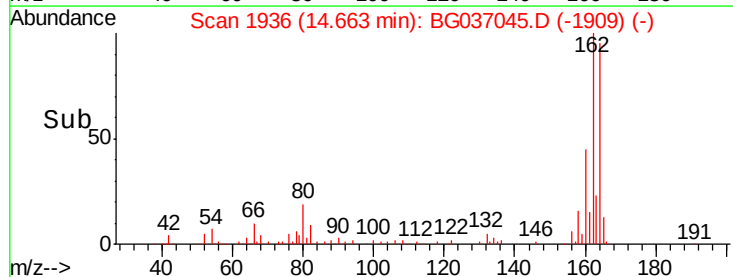
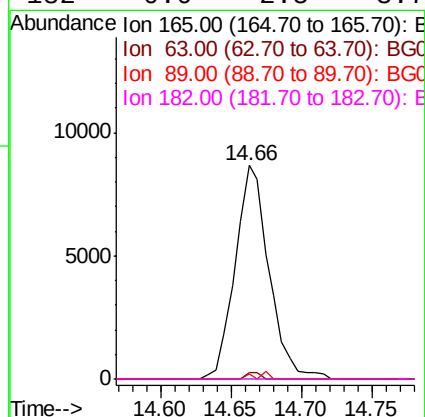
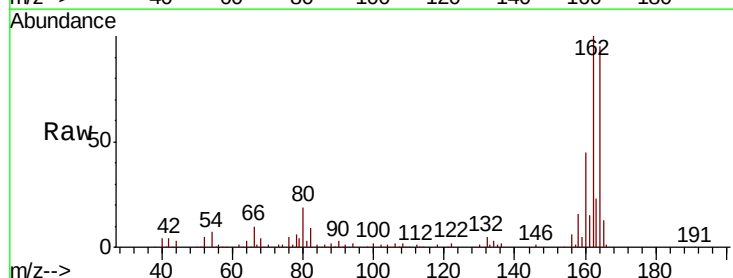
Instrument :
BNA_G
ClientSampled :

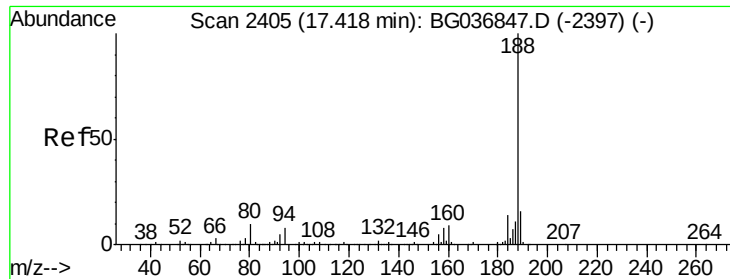
Tot Ion:163 Resp: 70886
Ion Ratio Lower Upper
163 100
194 4.6 4.0 6.0
164 11.3 8.1 12.1



#56
2,4-Dinitrotoluene
Concen: 5.205 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.37 min
Lab File: BG037045.D
Acq: 28 Sep 2018 11:29

Tgt Ion:165 Resp: 14516
Ion Ratio Lower Upper
165 100
63 2.9 40.1 60.1#
89 2.5 63.7 95.5#
182 0.0 2.5 3.7#

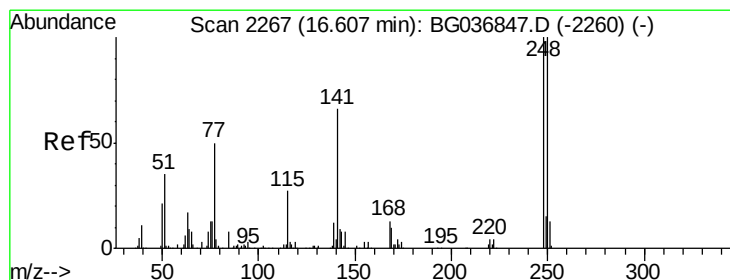
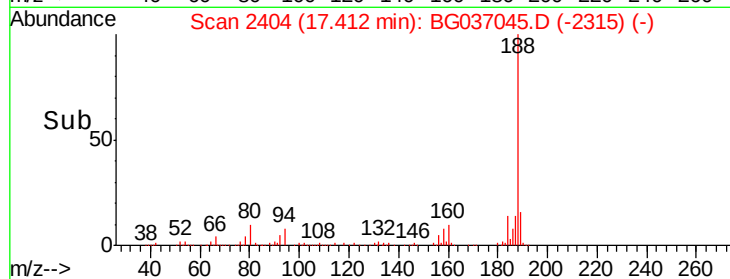
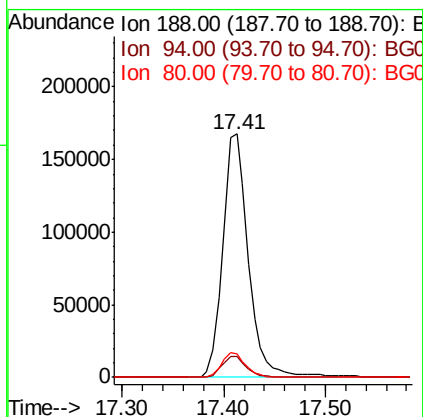
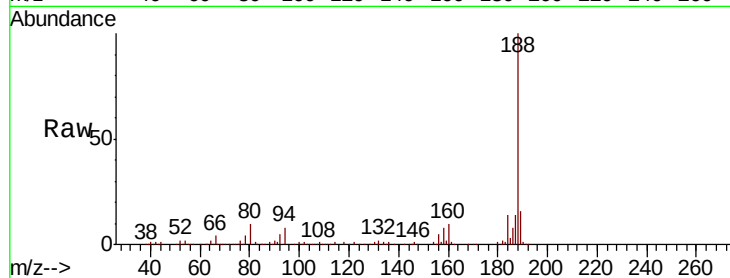




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG037045.D
Acq: 28 Sep 2018 11:29

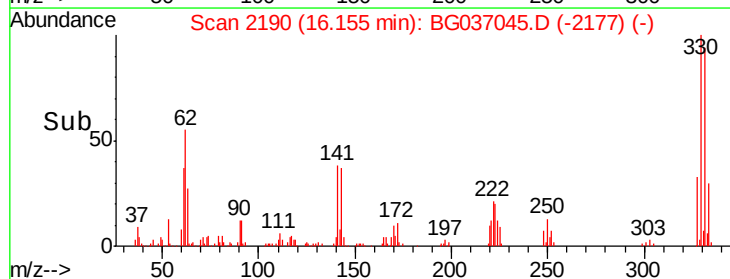
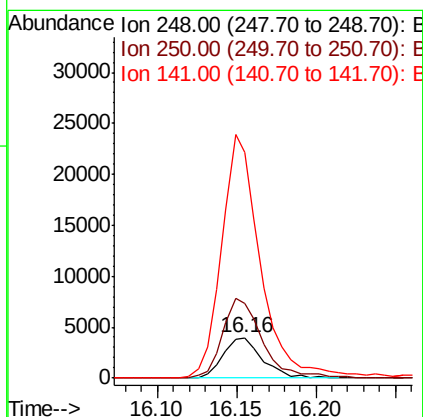
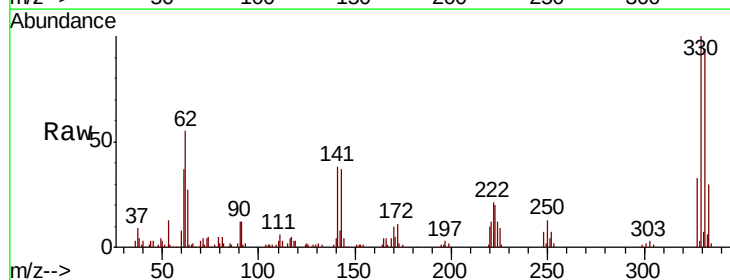
Instrument :
BNA_G
ClientSampleId :

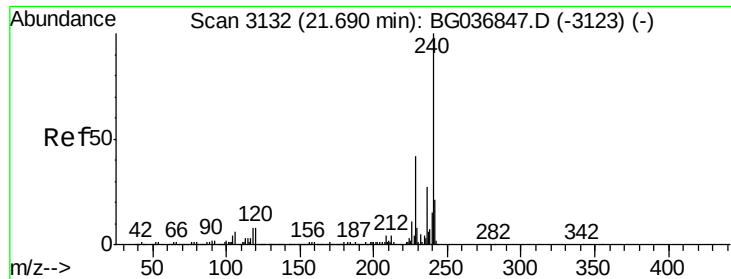
Tot Ion:188 Resp: 293745
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 9.7 8.1 12.1



#66
4-Bromophenyl-phenylether
Concen: 2.013 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.45 min
Lab File: BG037045.D
Acq: 28 Sep 2018 11:29

Tgt Ion:248 Resp: 6727
Ion Ratio Lower Upper
248 100
250 184.8 78.1 117.1#
141 554.5 53.7 80.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG037045.D

Acq: 28 Sep 2018 11:29

Instrument :

BNA_G

ClientSampleId :

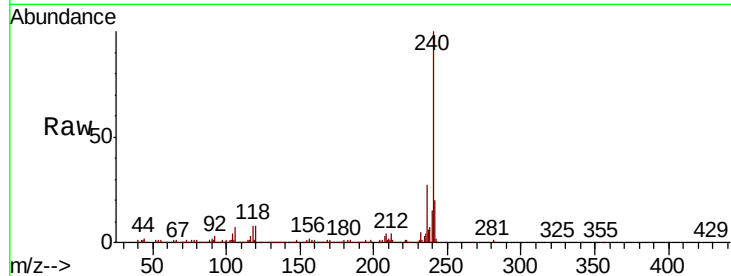
Tot Ion:240 Resp: 311454

Ion Ratio Lower Upper

240 100

120 8.2 6.9 10.3

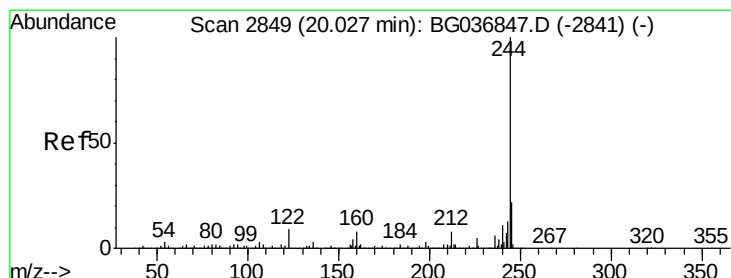
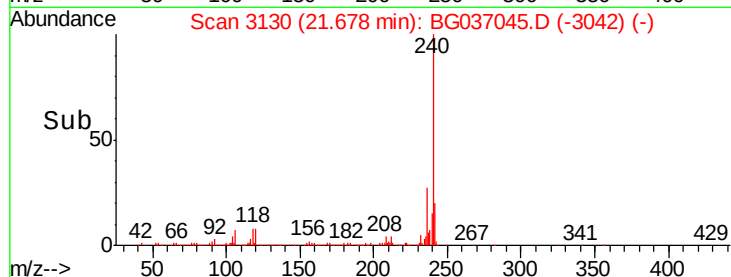
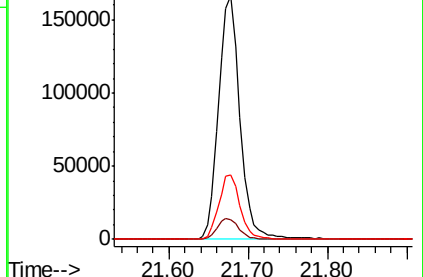
236 26.7 21.2 31.8



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: 81.827 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037045.D

Acq: 28 Sep 2018 11:29

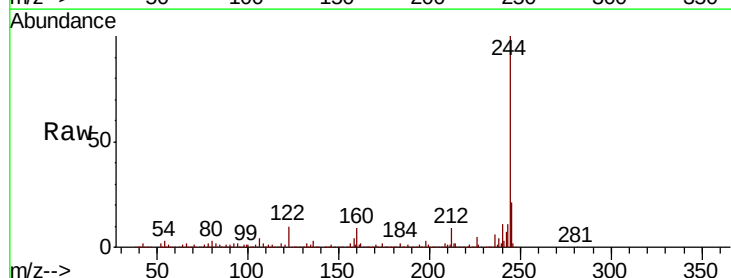
Tgt Ion:244 Resp: 969207

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

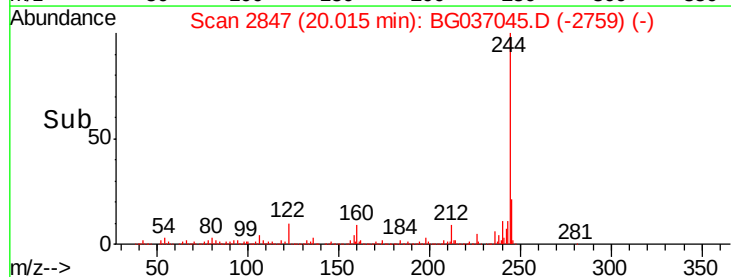
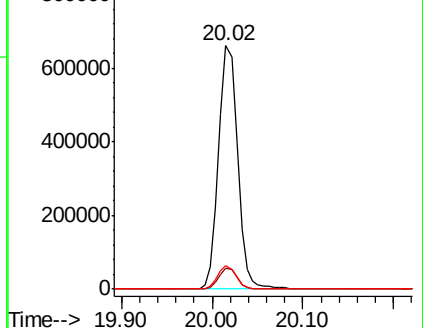
122 9.6 7.1 10.7

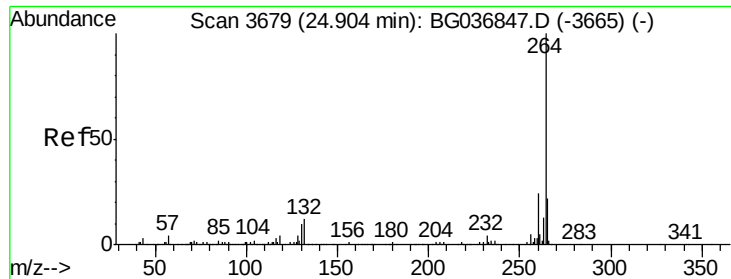


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

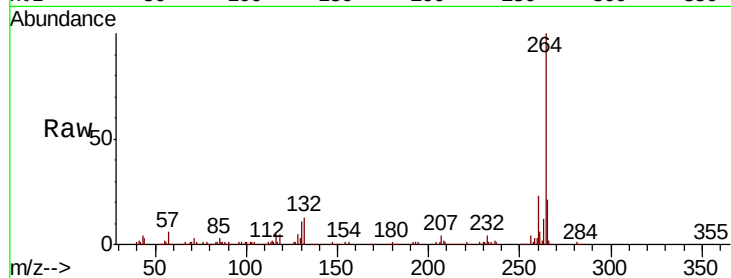




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.87 min Scan# 3674
Delta R.T. -0.03 min
Lab File: BG037045.D
Acq: 28 Sep 2018 11:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	264	Resp:	314862
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	20.8	17.4	26.0



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

