

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110618\
 Data File : BG037845.D
 Acq On : 6 Nov 2018 19:23
 Operator : JU/SJ
 Sample : J5819-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 07 08:21:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

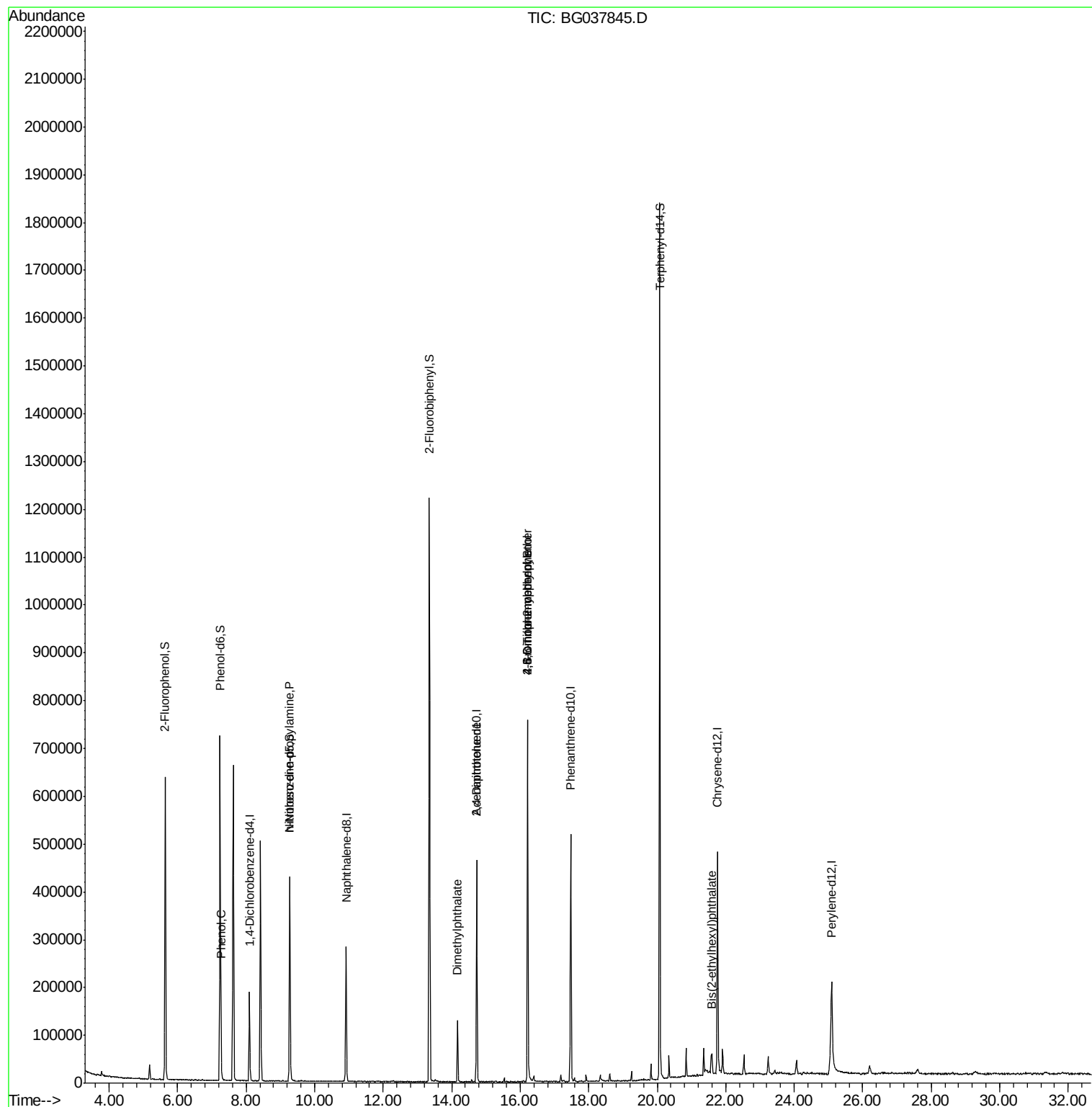
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	55863	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	255433	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	166559	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	355966	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	310965	20.00	ng	-0.01
87) Perylene-d12	25.09	264	285589	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	307367	91.99	ng	0.00
7) Phenol-d6	7.24	99	460108	91.06	ng	-0.01
23) Nitrobenzene-d5	9.27	82	274674	60.24	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	143735	79.12	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	686952	62.19	ng	-0.02
79) Terphenyl-d14	20.08	244	929598	63.88	ng	-0.01
Target Compounds						
10) Phenol	7.27	94	36562	6.86	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	9.27	70	34655	9.96	ng	# 68
50) Dimethylphthalate	14.17	163	95522	7.41	ng	99
57) 2,4-Dinitrotoluene	14.73	165	21165	5.66	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.22	198	335	8.66	ng	79
67) 4-Bromophenyl-phenylether	16.22	248	10566	2.70	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.59	149	41667	3.57	ng	# 95

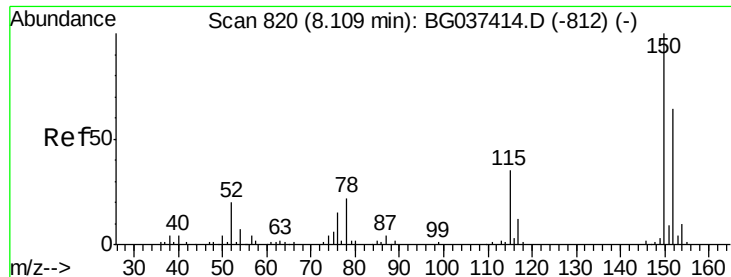
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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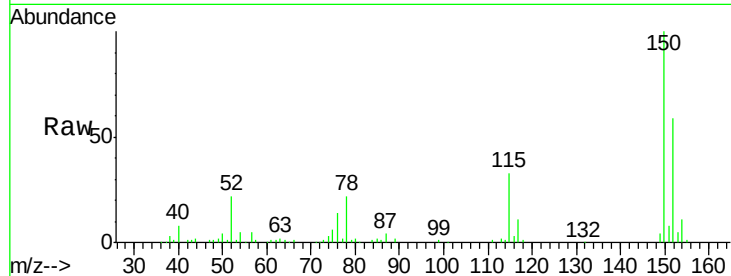


#1

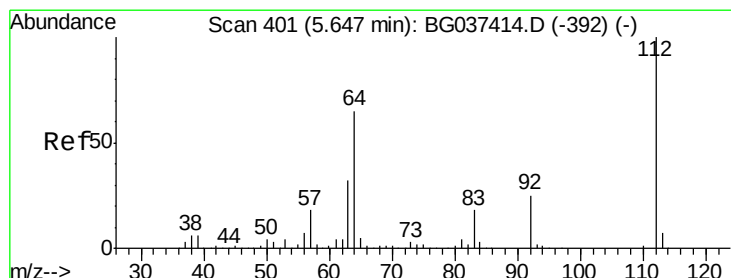
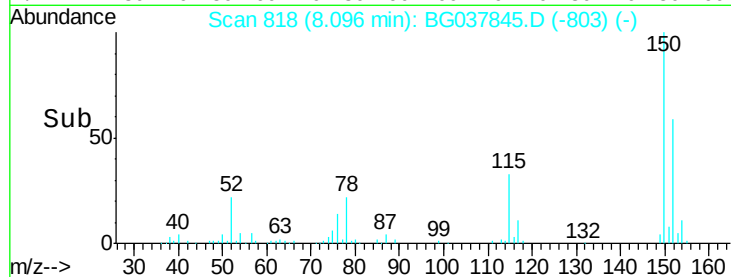
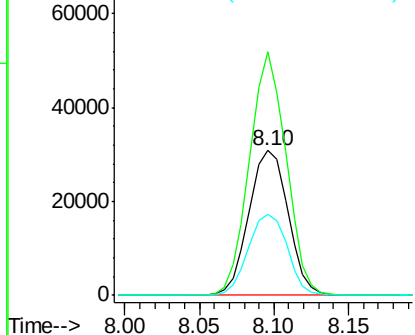
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037845.D
Acq: 6 Nov 2018 19:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 55863
Ion Ratio Lower Upper
152 100
150 168.2 126.0 189.0
115 56.2 45.5 68.3



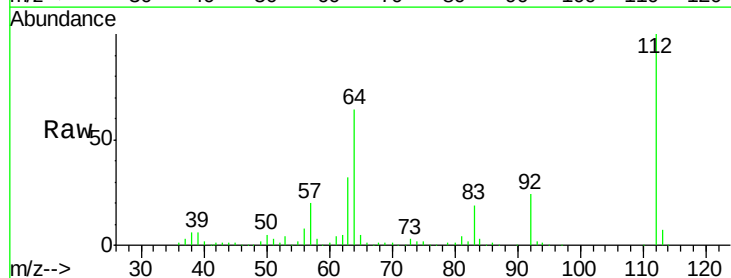
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



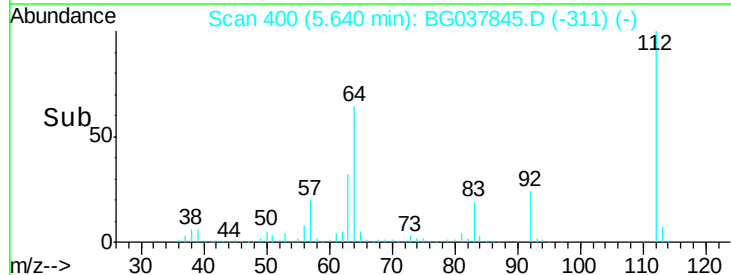
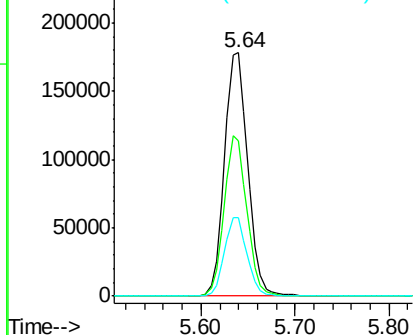
#5

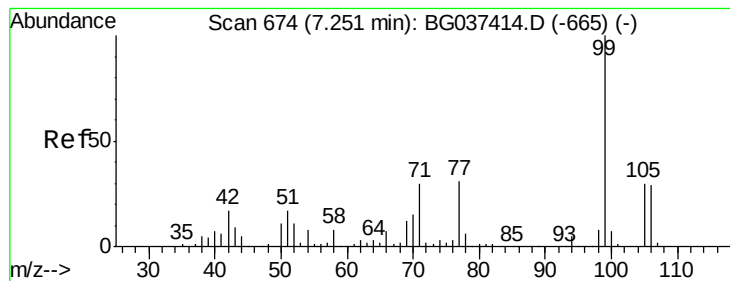
2-Fluorophenol
Concen: 91.99 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037845.D
Acq: 6 Nov 2018 19:23

Tgt Ion:112 Resp: 307367
Ion Ratio Lower Upper
112 100
64 63.9 53.1 79.7
63 32.4 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: 91.06 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037845.D

Acq: 6 Nov 2018 19:23

Instrument :

BNA_G

ClientSampleId :

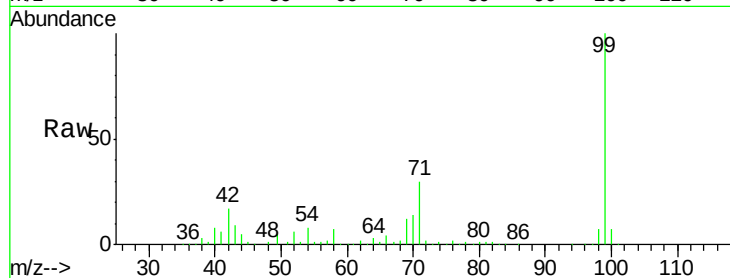
Tot Ion: 99 Resp: 460108

Ion Ratio Lower Upper

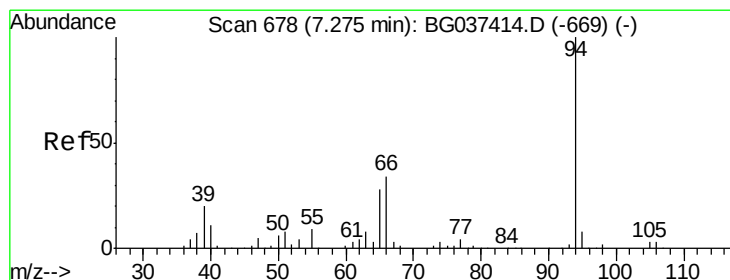
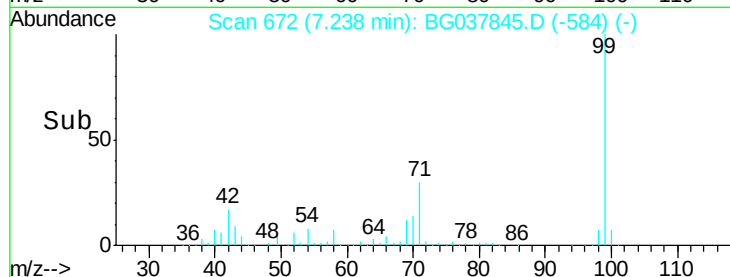
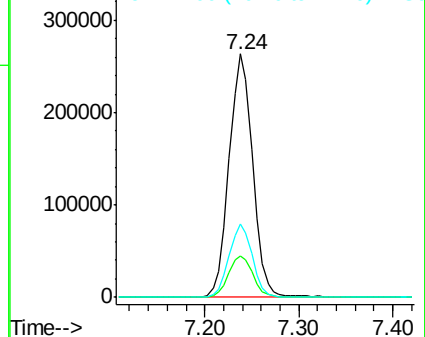
99 100

42 16.8 15.0 22.4

71 30.0 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



#10

Phenol

Concen: 6.86 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037845.D

Acq: 6 Nov 2018 19:23

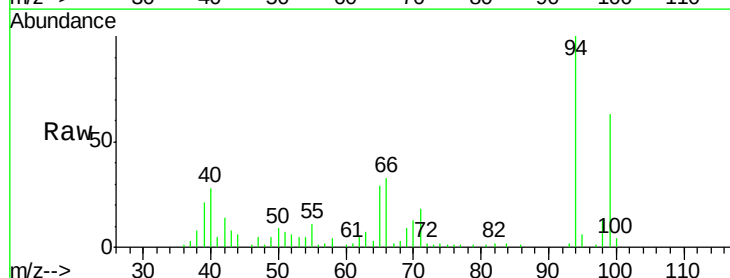
Tgt Ion: 94 Resp: 36562

Ion Ratio Lower Upper

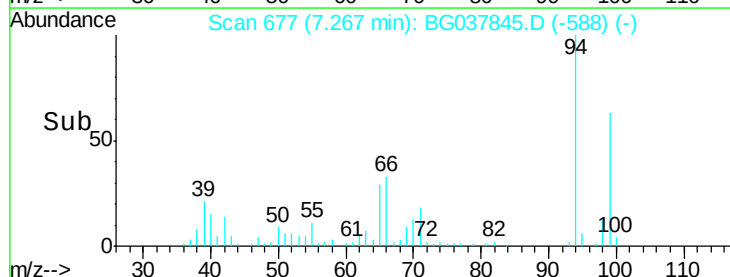
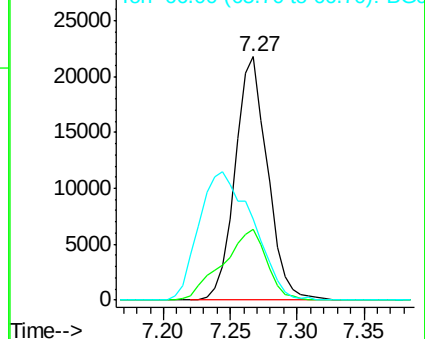
94 100

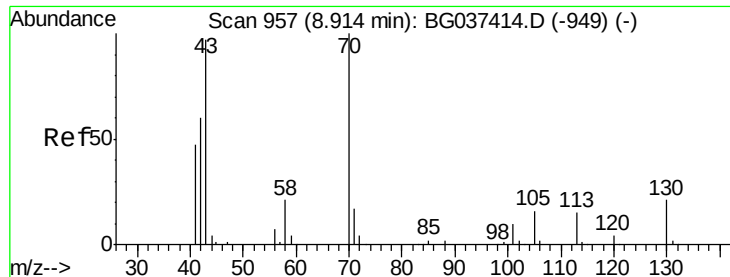
65 29.1 9.7 49.7

66 33.4 15.9 55.9



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

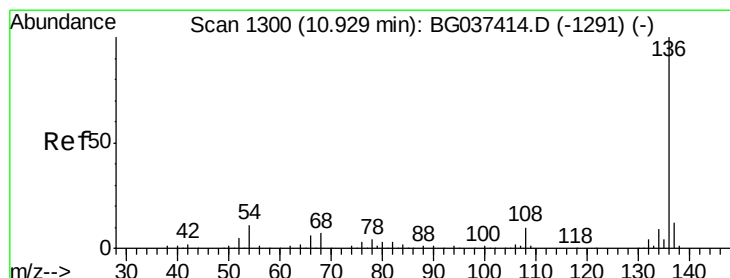
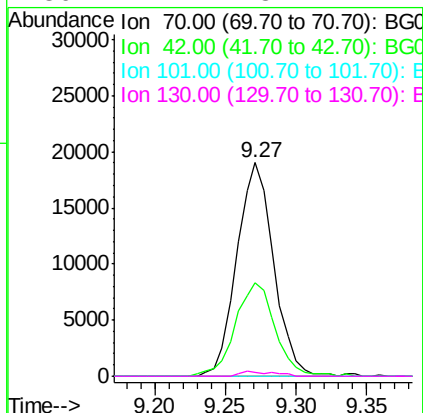
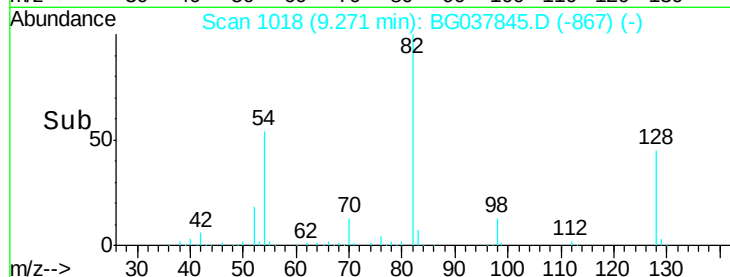
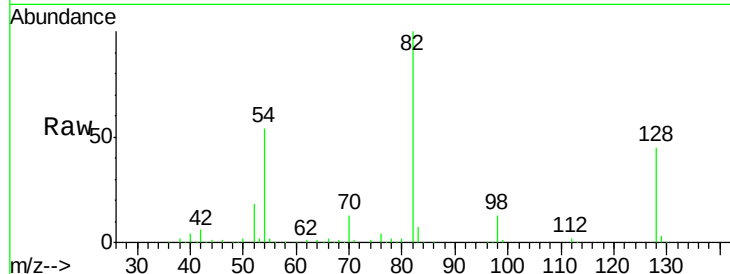




#19
n-Nitroso-di-n-propylamine
Concen: 9.96 ng
RT: 9.27 min Scan# 1018
Delta R.T. 0.36 min
Lab File: BG037845.D
Acq: 6 Nov 2018 19:23

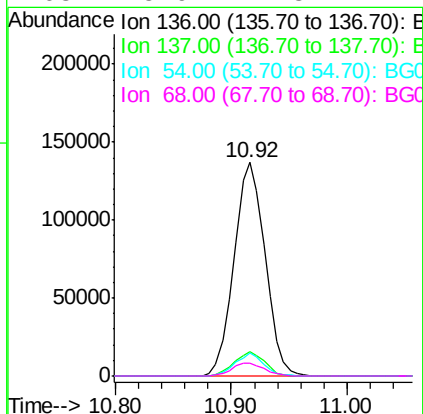
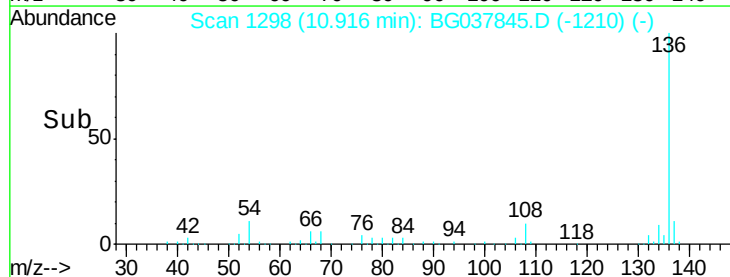
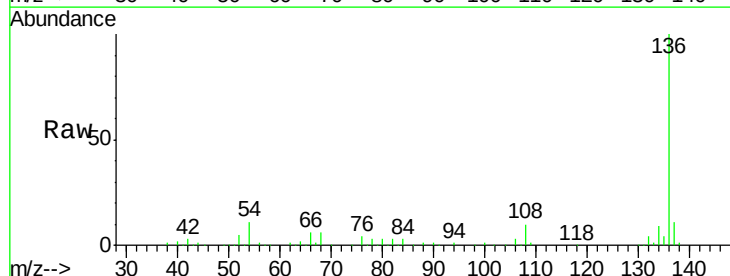
Instrument :
BNA_G
ClientSampleId :

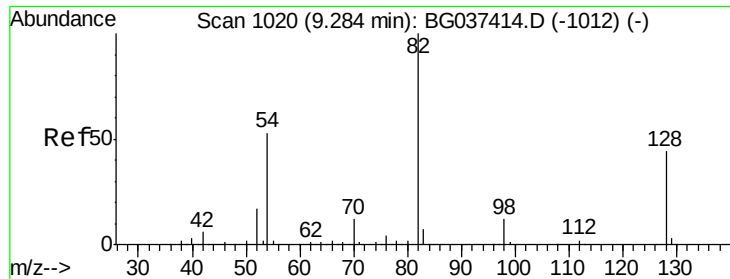
Tot Ion: 70 Resp: 34655
Ion Ratio Lower Upper
70 100
42 43.9 53.9 80.9#
101 0.0 8.2 12.2#
130 1.7 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037845.D
Acq: 6 Nov 2018 19:23

Tgt Ion: 136 Resp: 255433
Ion Ratio Lower Upper
136 100
137 11.3 9.6 14.4
54 10.7 7.9 11.9
68 5.9 4.8 7.2

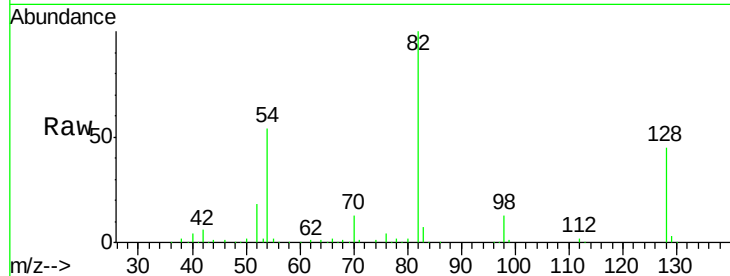




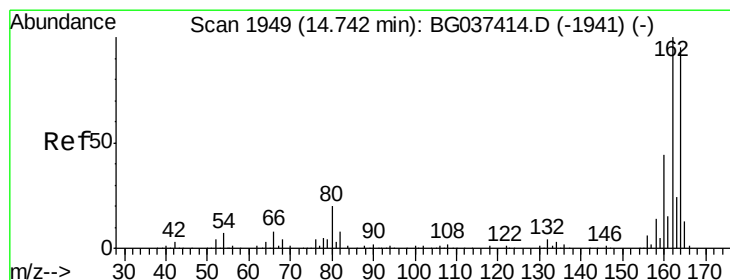
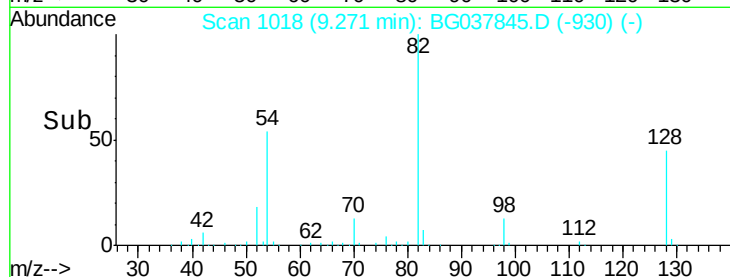
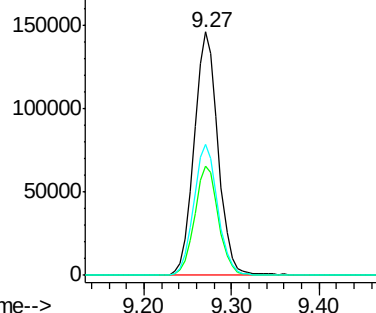
#23
 Nitrobenzene-d5
 Concen: 60.24 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG037845.D
 Acq: 6 Nov 2018 19:23

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	274674
Ion Ratio	100	Lower	Upper
128	44.9	34.6	51.8
54	53.7	45.3	67.9

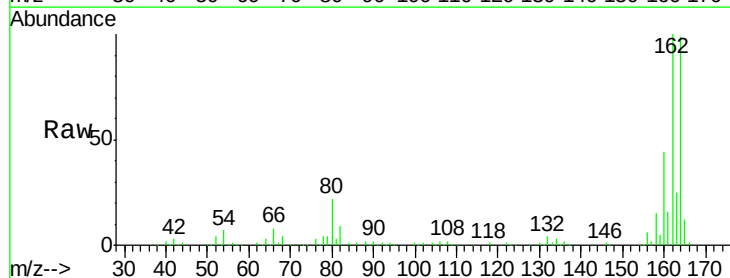


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

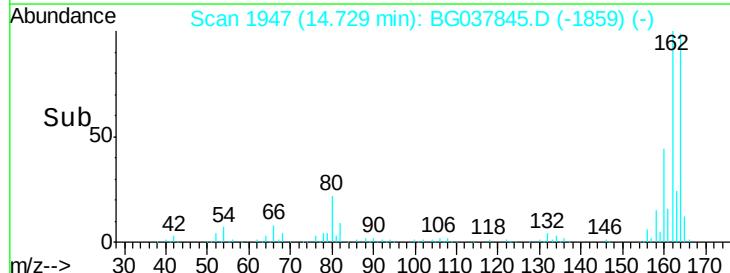
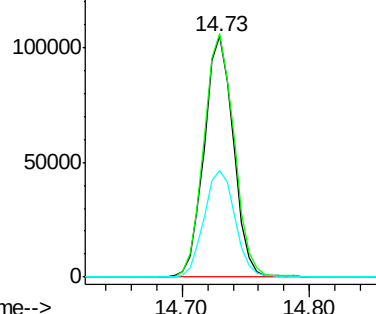


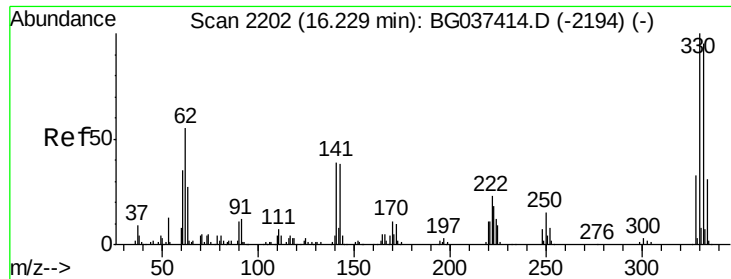
#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BG037845.D
 Acq: 6 Nov 2018 19:23

Tgt Ion	164	Resp	166559
Ion Ratio	100	Lower	Upper
162	101.2	81.3	121.9
160	44.3	36.3	54.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

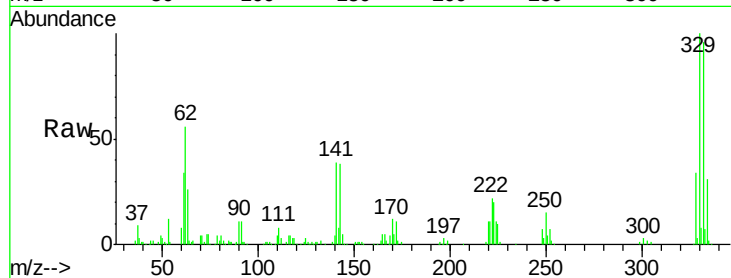




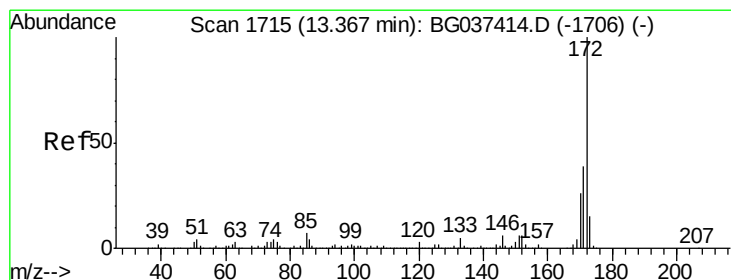
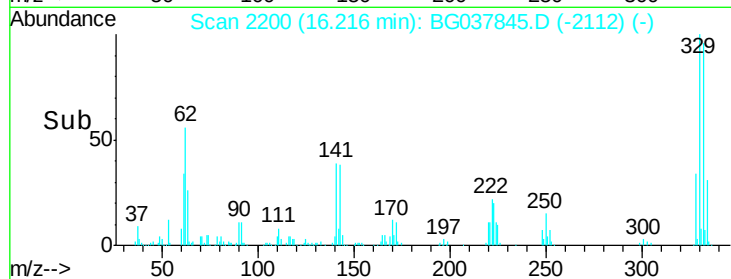
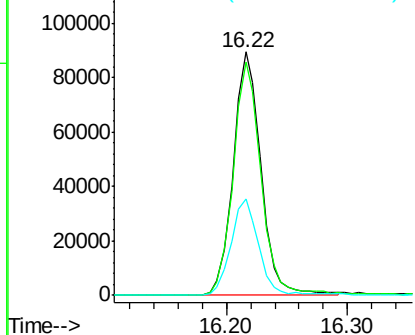
#42
 2,4,6-Tribromophenol
 Concen: 79.12 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG037845.D
 Acq: 6 Nov 2018 19:23

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.4	117.6
141	39.9	32.2	48.2

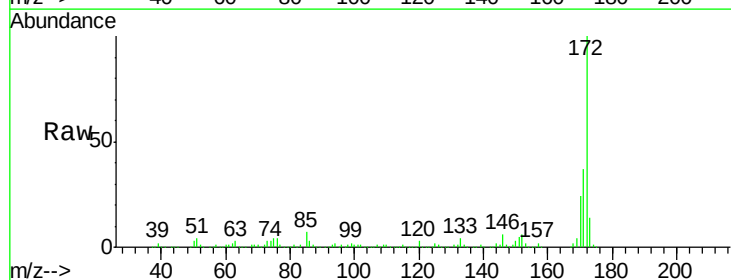


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

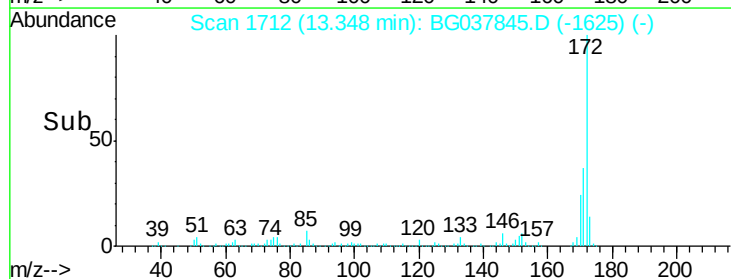
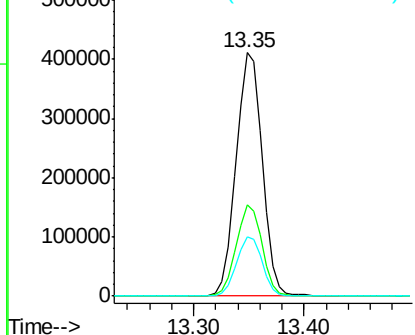


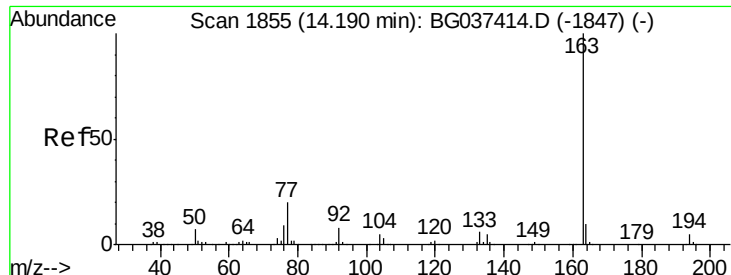
#45
 2-Fluorobiphenyl
 Concen: 62.19 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037845.D
 Acq: 6 Nov 2018 19:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	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





#50

Dimethylphthalate

Concen: 7.41 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BG037845.D

Acq: 6 Nov 2018 19:23

Instrument :

BNA_G

ClientSampleId :

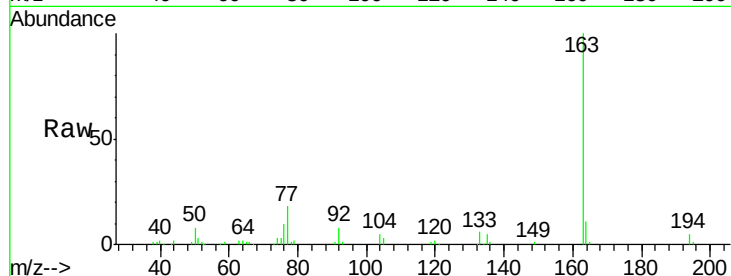
Tot Ion:163 Resp: 95522

Ion Ratio Lower Upper

163 100

194 4.9 3.5 5.3

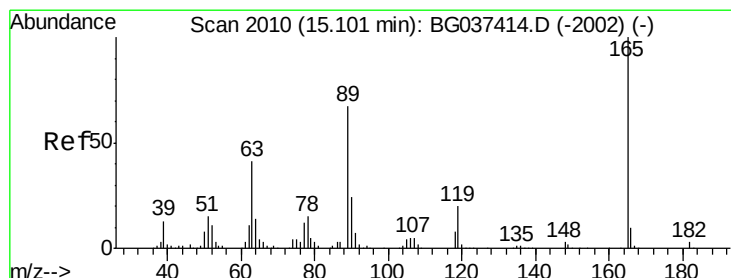
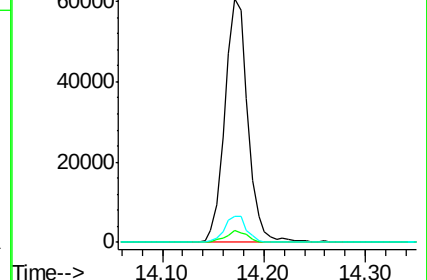
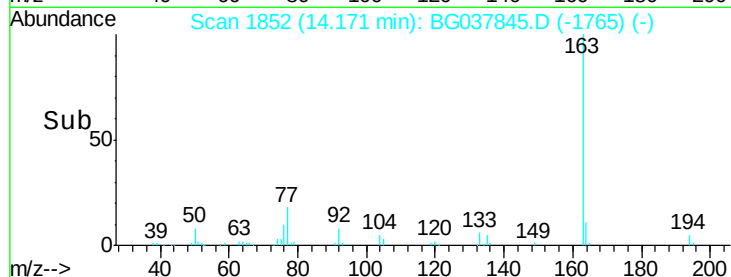
164 10.5 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 5.66 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.37 min

Lab File: BG037845.D

Acq: 6 Nov 2018 19:23

Tgt Ion:165 Resp: 21165

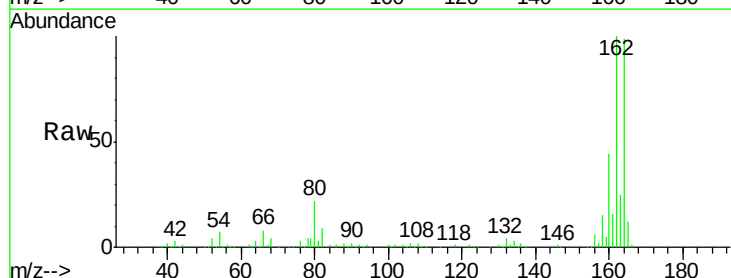
Ion Ratio Lower Upper

165 100

63 1.9 33.4 50.0#

89 1.8 57.2 85.8#

182 0.0 2.6 4.0#

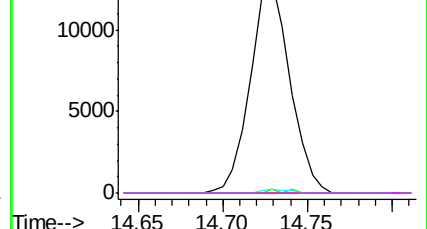
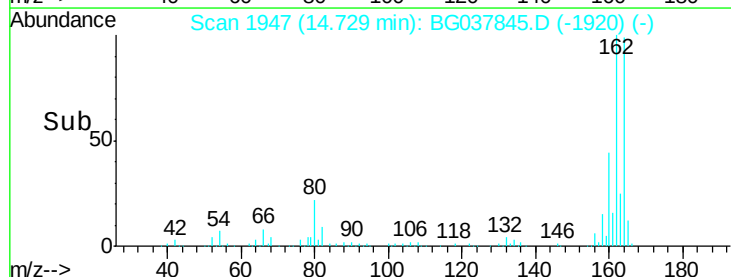


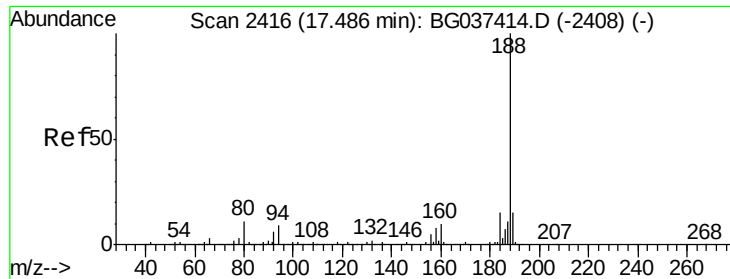
Abundance Ion 165.00 (164.70 to 165.70): E

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: 20.00 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG037845.D

Acq: 6 Nov 2018 19:23

Instrument :

BNA_G

ClientSampleId :

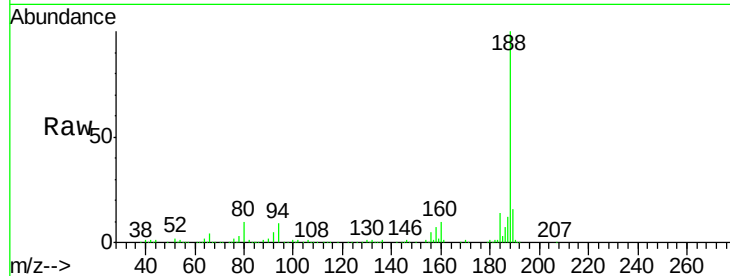
Tot Ion:188 Resp: 355966

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

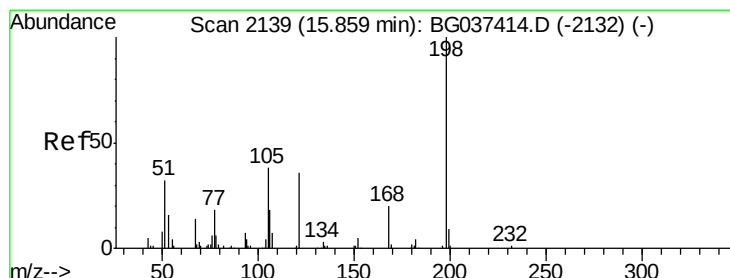
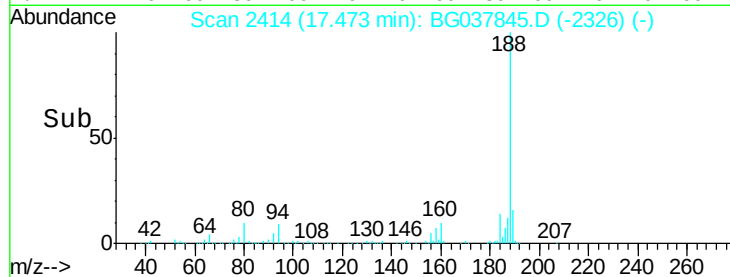
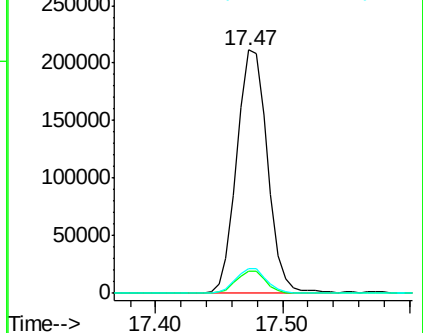
80 10.1 7.7 11.5



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



#65

4,6-Dinitro-2-methylphenol

Concen: 8.66 ng

RT: 16.22 min Scan# 2200

Delta R.T. 0.36 min

Lab File: BG037845.D

Acq: 6 Nov 2018 19:23

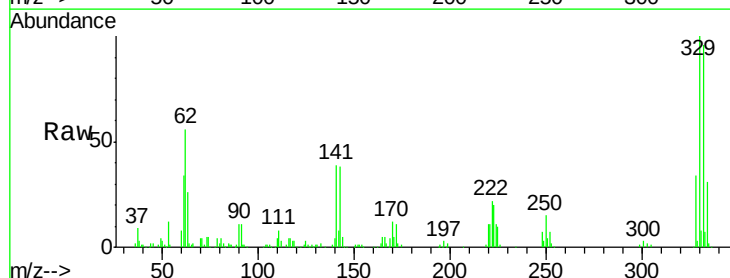
Tgt Ion:198 Resp: 335

Ion Ratio Lower Upper

198 100

51 31.5 22.7 62.7

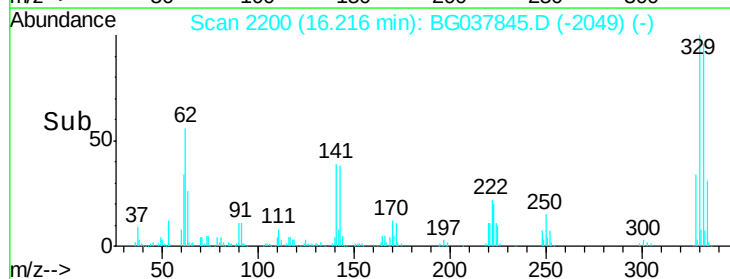
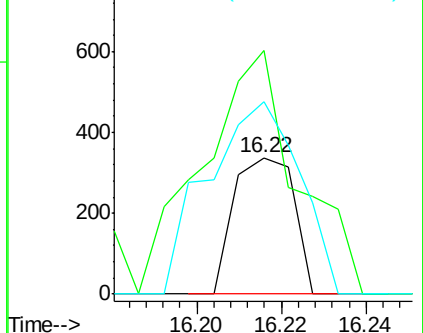
105 24.8 19.7 59.7

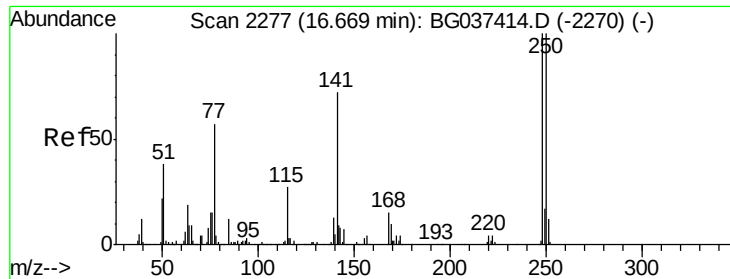


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

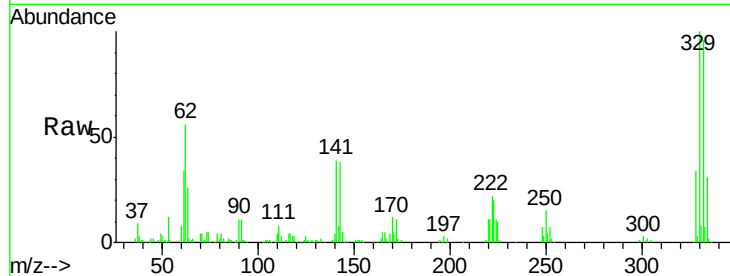




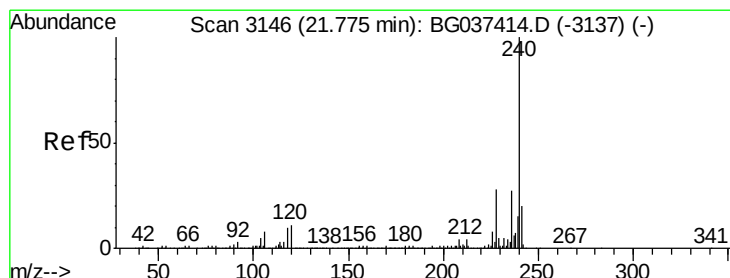
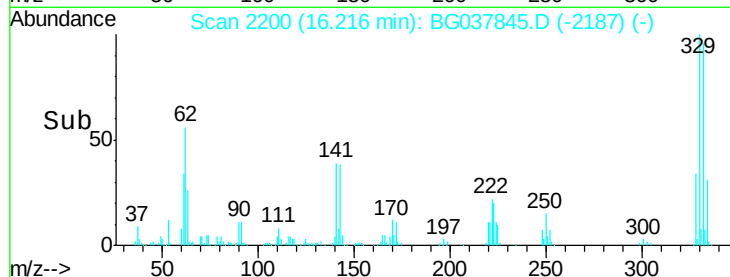
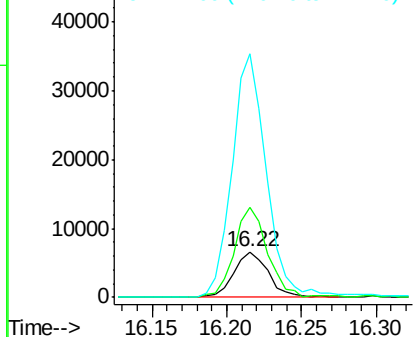
#67
4-Bromophenyl-phenylether
Concen: 2.70 ng
RT: 16.22 min Scan# 2200
Delta R.T. -0.45 min
Lab File: BG037845.D
Acq: 6 Nov 2018 19:23

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 10566
Ion Ratio Lower Upper
248 100
250 191.2 77.0 115.6#
141 401.6 55.5 83.3#

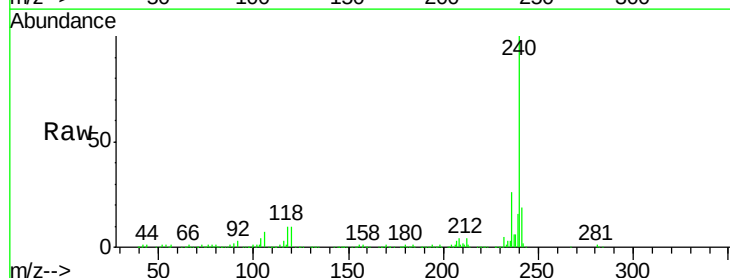


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

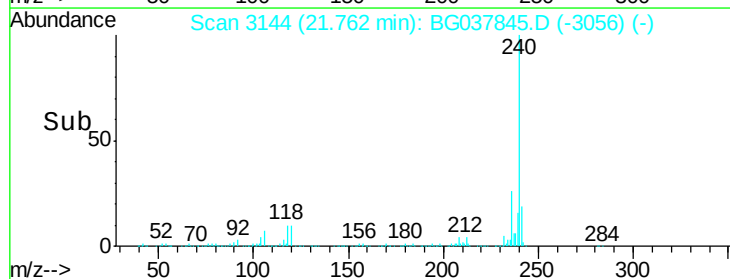
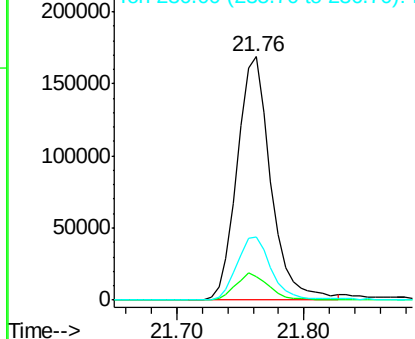


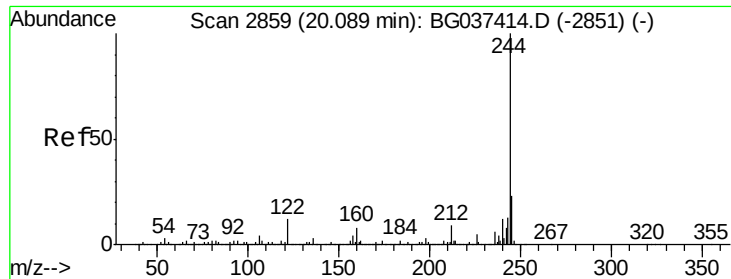
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037845.D
Acq: 6 Nov 2018 19:23

Tgt Ion:240 Resp: 310965
Ion Ratio Lower Upper
240 100
120 9.6 8.1 12.1
236 25.8 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: 63.88 ng

RT: 20.08 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037845.D

Acq: 6 Nov 2018 19:23

Instrument :

BNA_G

ClientSampled :

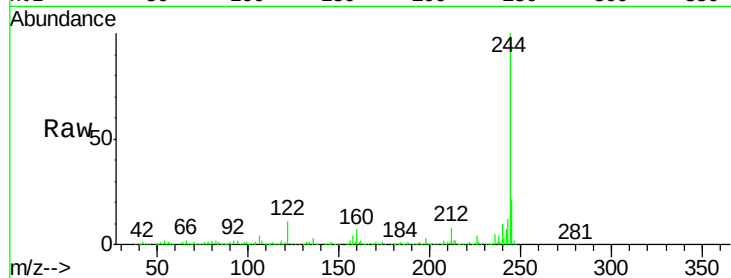
Tot Ion:244 Resp: 929598

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

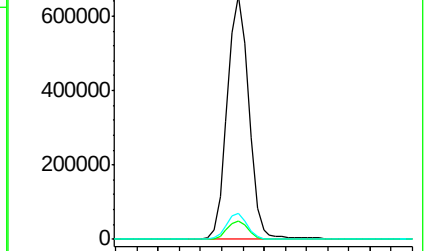
122 10.6 9.0 13.4



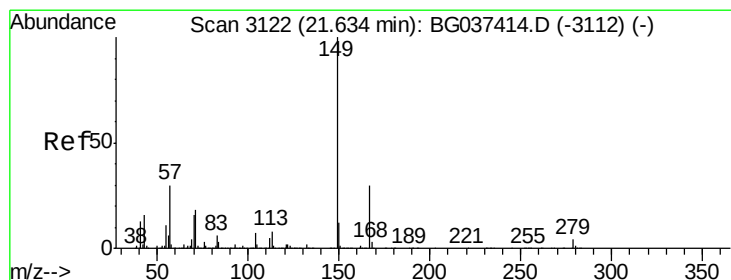
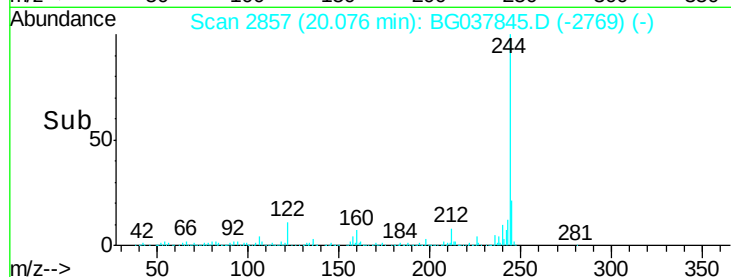
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.57 ng

RT: 21.59 min Scan# 3115

Delta R.T. -0.04 min

Lab File: BG037845.D

Acq: 6 Nov 2018 19:23

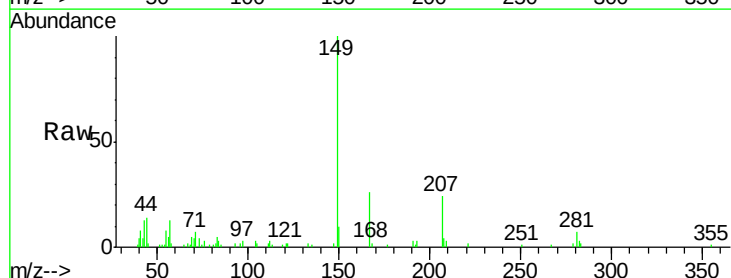
Tgt Ion:149 Resp: 41667

Ion Ratio Lower Upper

149 100

167 26.4 23.0 34.4

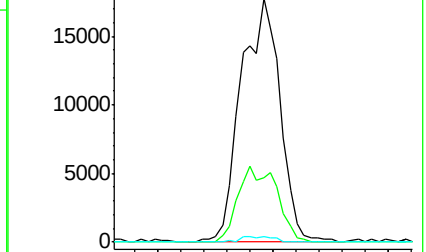
279 2.2 3.6 5.4#



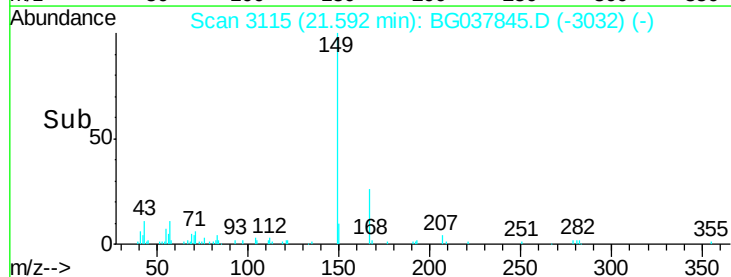
Abundance Ion 149.00 (148.70 to 149.70): E

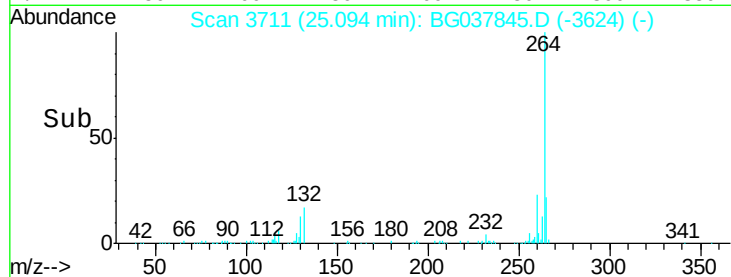
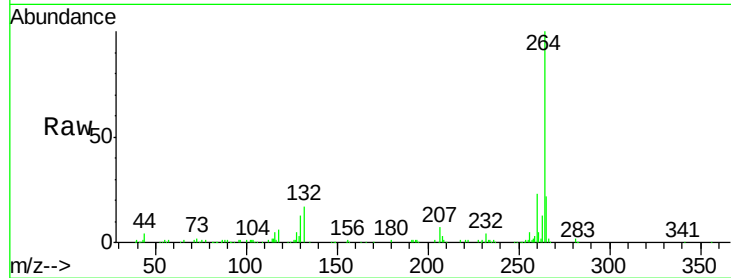
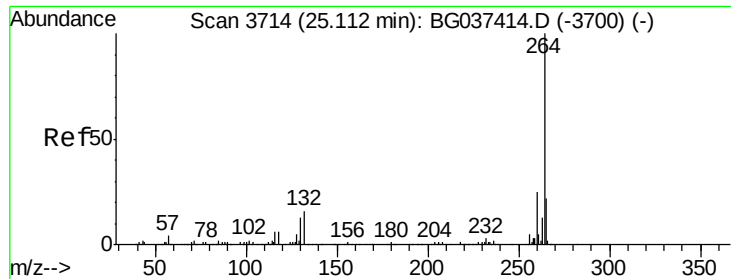
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#87
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.09 min Scan# 3711
 Delta R.T. -0.02 min
 Lab File: BG037845.D
 Acq: 6 Nov 2018 19:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	22.4	17.9	26.9

