

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
 Data File : BG037769.D
 Acq On : 3 Nov 2018 00:34
 Operator : JU/SJ
 Sample : J5803-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SODUS-TS-002

Quant Time: Nov 03 02:31:29 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

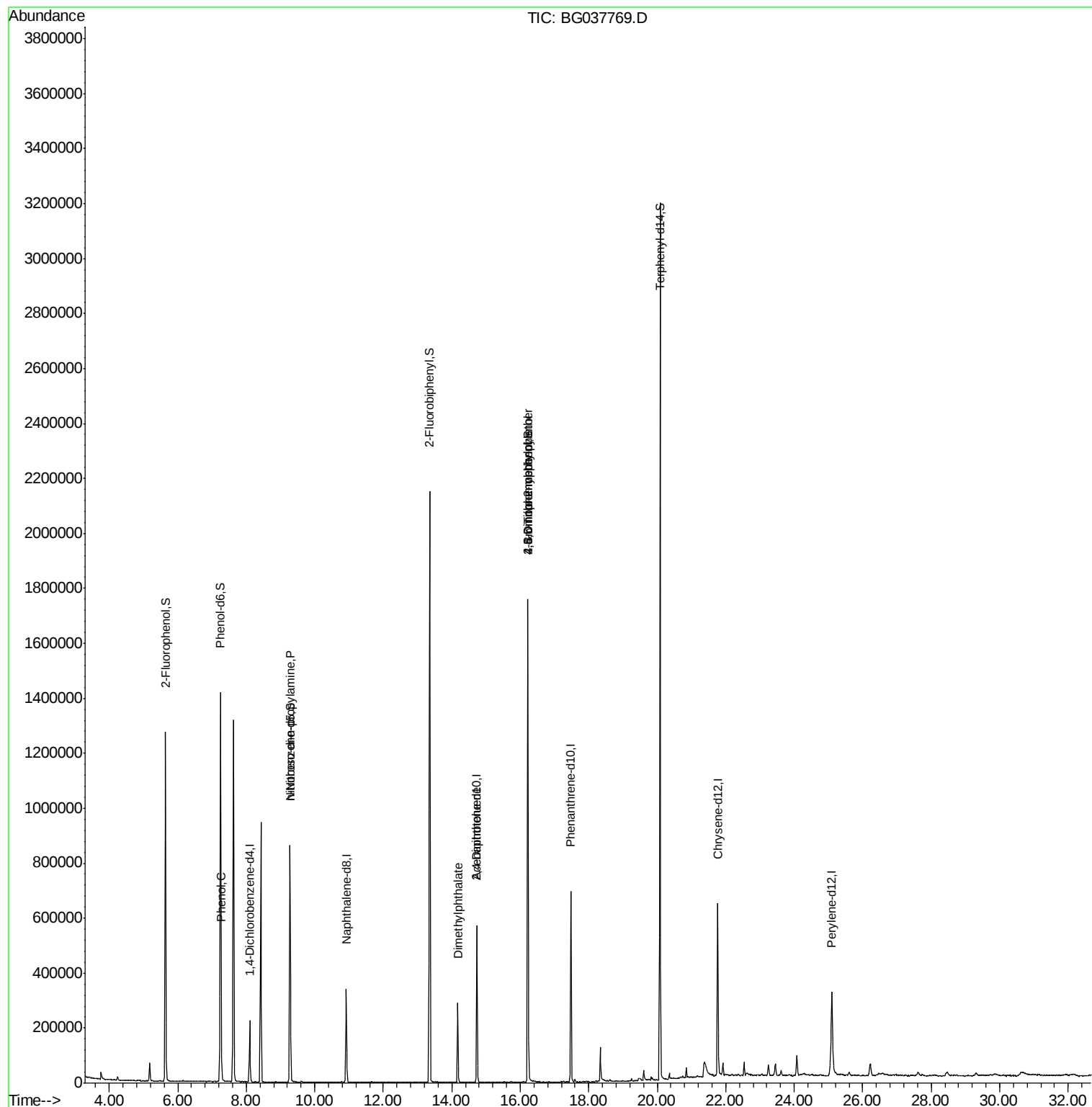
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	66920	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	304733	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	200187	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	446403	20.00	ng	0.00
76) Chrysene-d12	21.77	240	408348	20.00	ng	0.00
87) Perylene-d12	25.10	264	386253	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	600355	149.99	ng	0.00
7) Phenol-d6	7.25	99	904104	149.37	ng	0.00
23) Nitrobenzene-d5	9.28	82	550009	101.11	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	341516	156.41	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	1197467	90.20	ng	-0.01
79) Terphenyl-d14	20.08	244	1539939	80.58	ng	0.00
Target Compounds						
10) Phenol	7.27	94	62484	9.784	ng	97
19) n-Nitroso-di-n-propylamine	9.28	70	70245	16.854	ng	# 75
50) Dimethylphthalate	14.18	163	200813	12.967	ng	99
57) 2,4-Dinitrotoluene	14.73	165	25812	5.740	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.22	198	1012	8.863	ng	72
67) 4-Bromophenyl-phenylether	16.22	248	25571	5.216	ng	# 1

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

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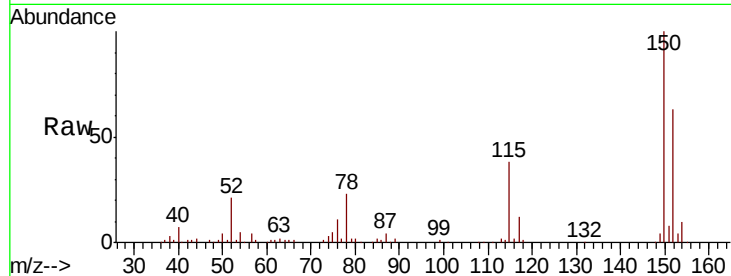


#1

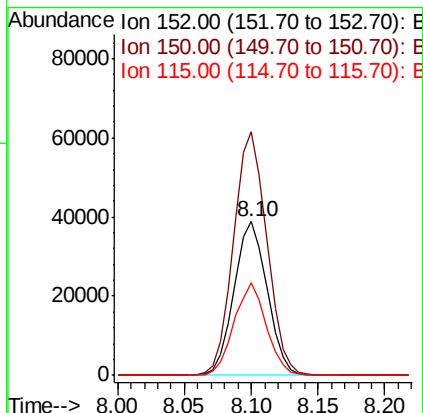
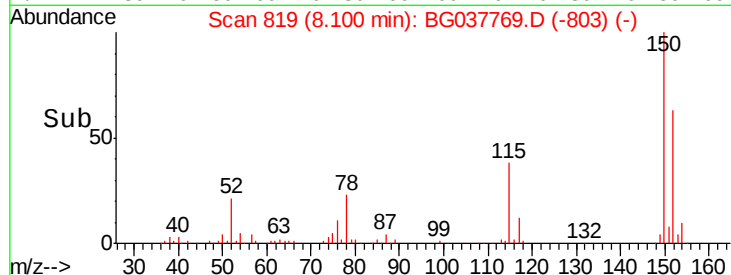
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037769.D
Acq: 3 Nov 2018 00:34

Instrument :
BNA_G
ClientSampleId :
SODUS-TS-002

Tot Ion:152 Resp: 66920
Ion Ratio Lower Upper
152 100
150 158.2 126.0 189.0
115 60.0 45.5 68.3



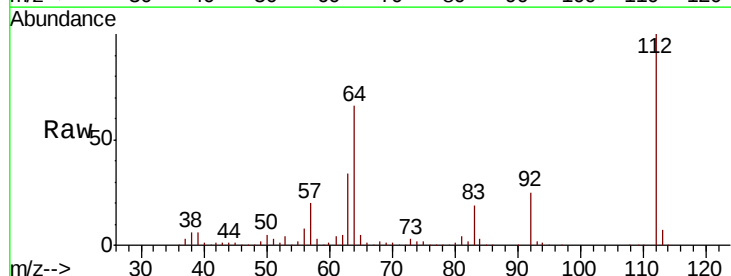
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



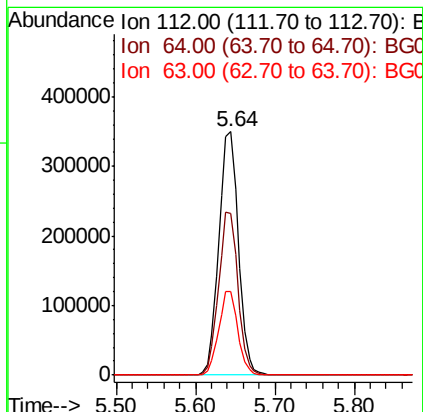
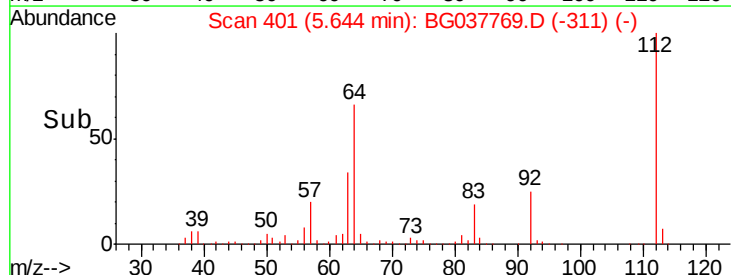
#5

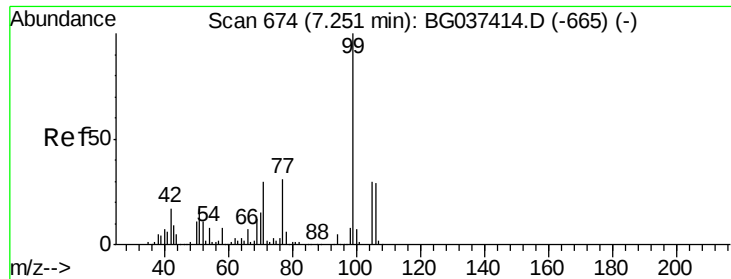
2-Fluorophenol
Concen: 149.986 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037769.D
Acq: 3 Nov 2018 00:34

Tgt Ion:112 Resp: 600355
Ion Ratio Lower Upper
112 100
64 66.3 53.1 79.7
63 34.2 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: 149.373 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037769.D

Acq: 3 Nov 2018 00:34

Instrument :

BNA_G

ClientSampleId :

SODUS-TS-002

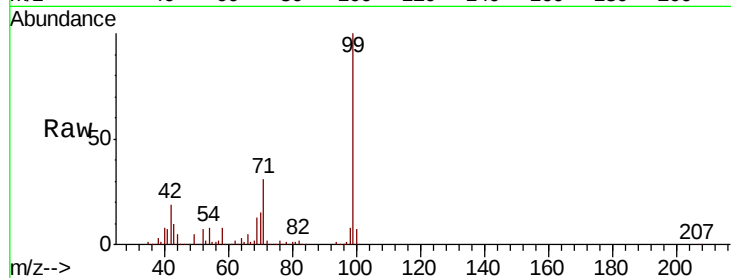
Tot Ion: 99 Resp: 904104

Ion Ratio Lower Upper

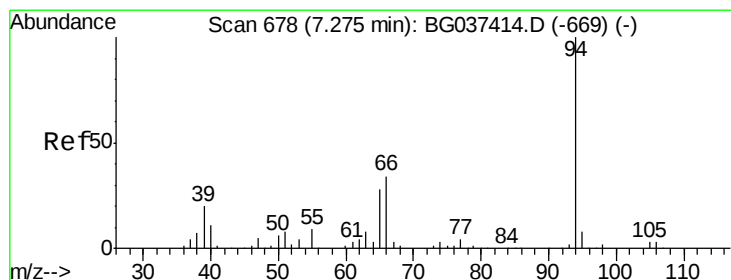
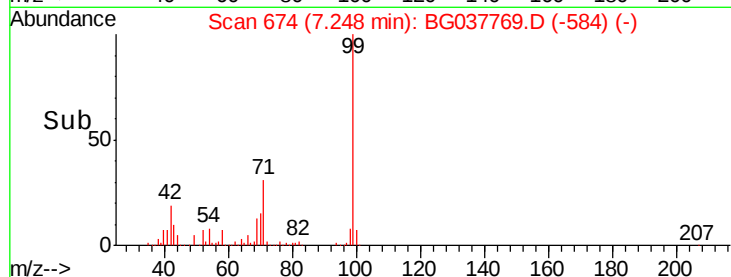
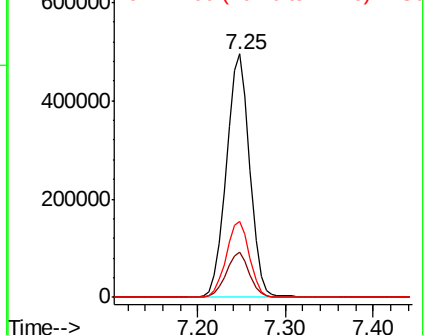
99 100

42 18.6 15.0 22.4

71 31.1 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: 9.784 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037769.D

Acq: 3 Nov 2018 00:34

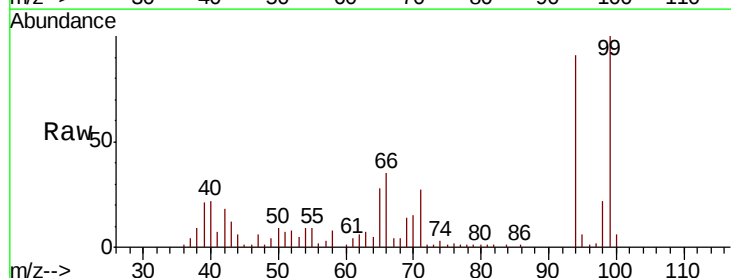
Tgt Ion: 94 Resp: 62484

Ion Ratio Lower Upper

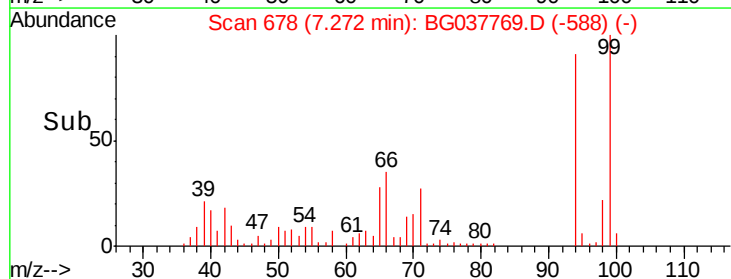
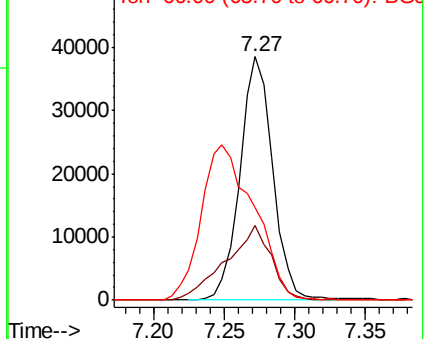
94 100

65 30.8 9.7 49.7

66 37.8 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

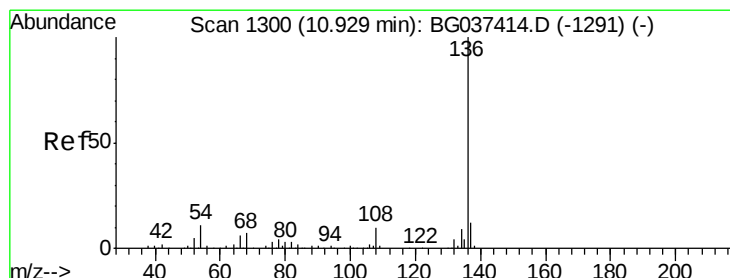
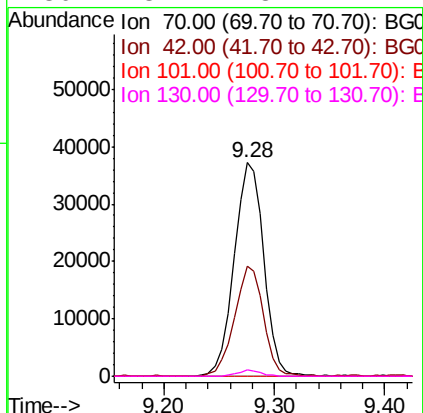
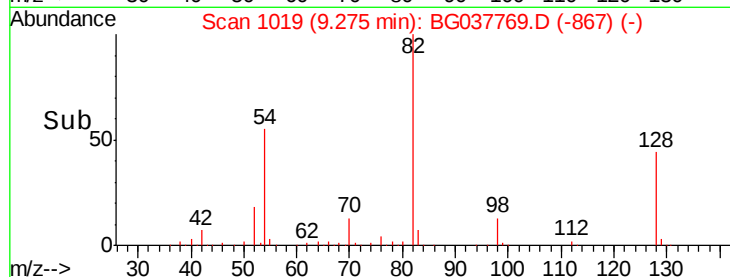
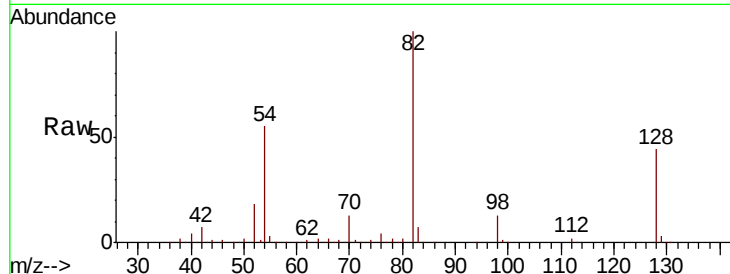




#19
n-Nitroso-di-n-propylamine
Concen: 16.854 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037769.D
Acq: 3 Nov 2018 00:34

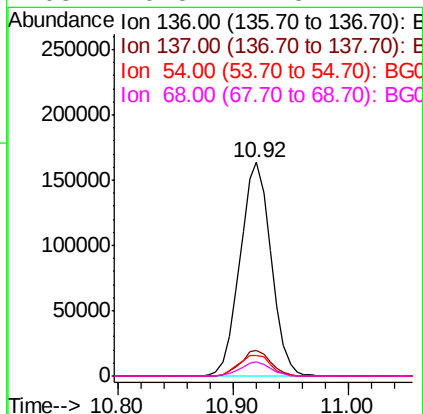
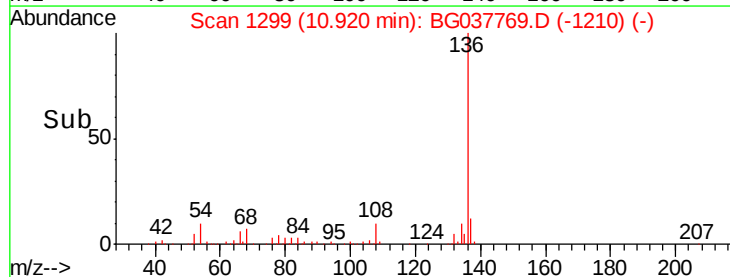
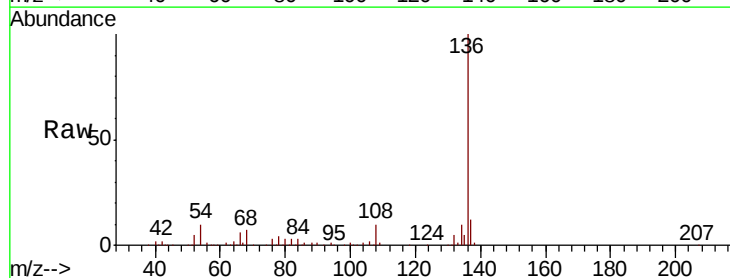
Instrument :
BNA_G
ClientSampled :
SODUS-TS-002

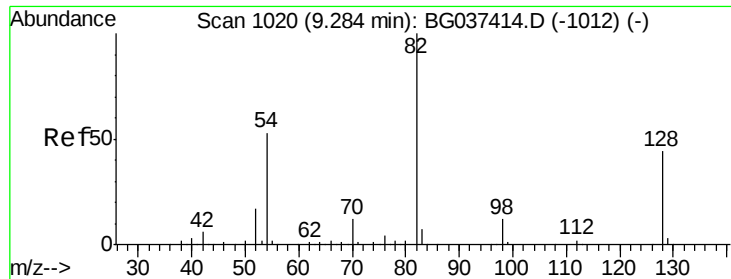
Tot Ion: 70 Resp: 70245
Ion Ratio Lower Upper
70 100
42 51.7 53.9 80.9#
101 0.0 8.2 12.2#
130 3.4 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037769.D
Acq: 3 Nov 2018 00:34

Tgt Ion: 136 Resp: 304733
Ion Ratio Lower Upper
136 100
137 11.9 9.6 14.4
54 9.9 7.9 11.9
68 6.8 4.8 7.2

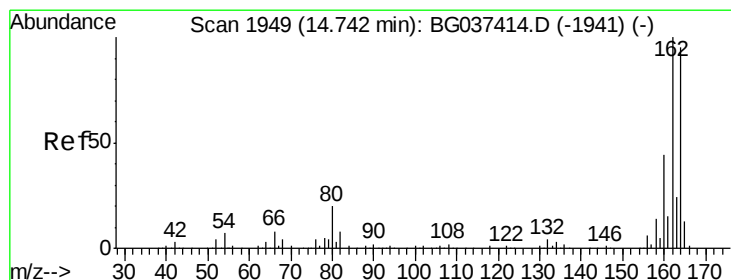
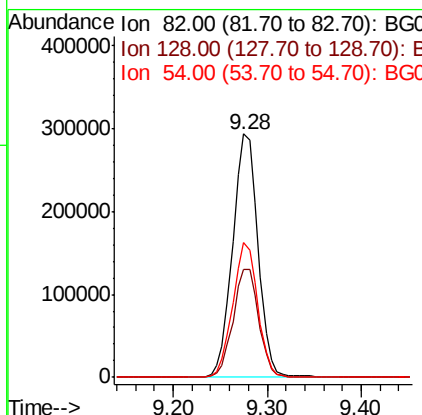
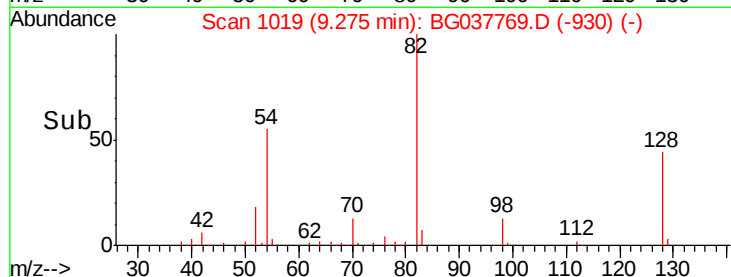
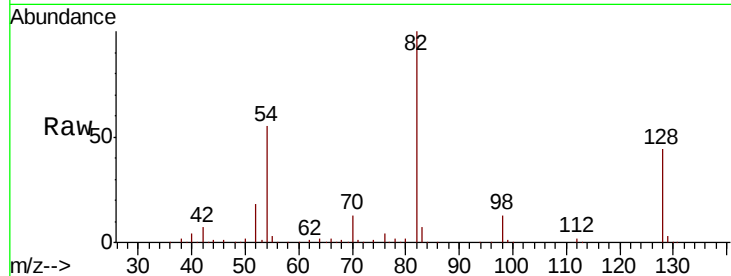




#23
Nitrobenzene-d5
Concen: 101.108 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037769.D
Acq: 3 Nov 2018 00:34

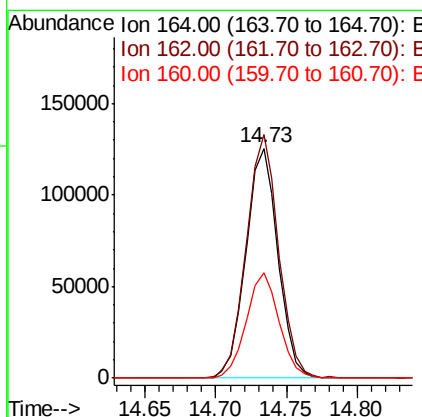
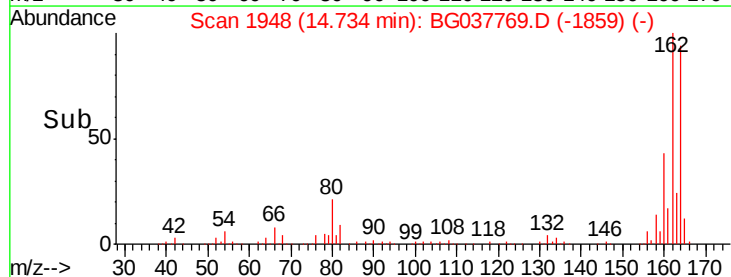
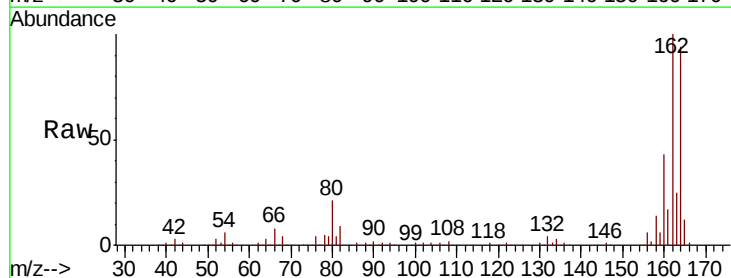
Instrument :
BNA_G
ClientSampleId :
SODUS-TS-002

Tot Ion	82	Resp	550009
Ion Ratio	Lower	Upper	
82	100		
128	44.4	34.6	51.8
54	55.5	45.3	67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037769.D
Acq: 3 Nov 2018 00:34

Tgt Ion	164	Resp	200187
Ion Ratio	Lower	Upper	
164	100		
162	105.9	81.3	121.9
160	45.7	36.3	54.5

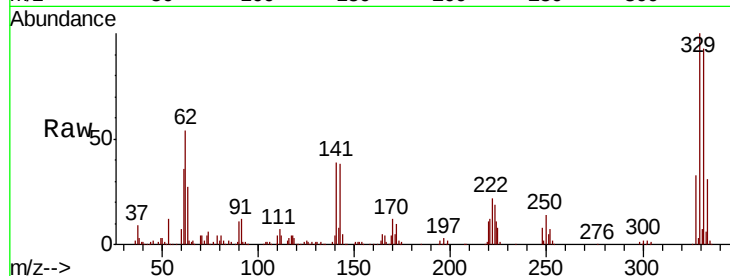




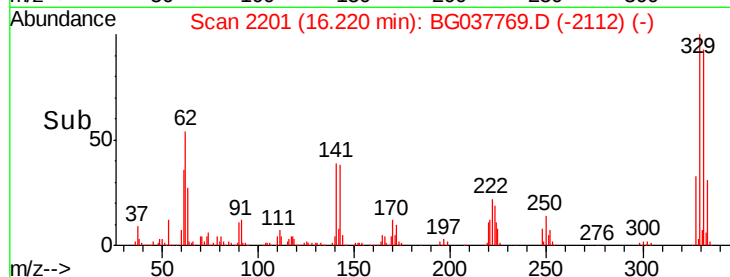
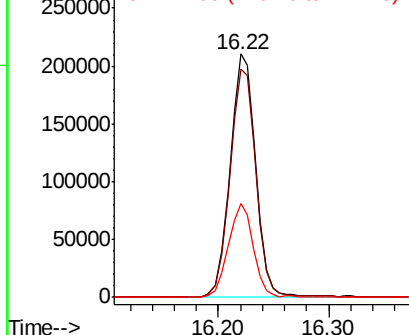
#42
 2,4,6-Tribromophenol
 Concen: 156.413 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037769.D
 Acq: 3 Nov 2018 00:34

Instrument :
 BNA_G
 ClientSampleId :
 SODUS-TS-002

Tot Ion:330 Resp: 341516
 Ion Ratio Lower Upper
 330 100
 332 95.8 78.4 117.6
 141 37.8 32.2 48.2

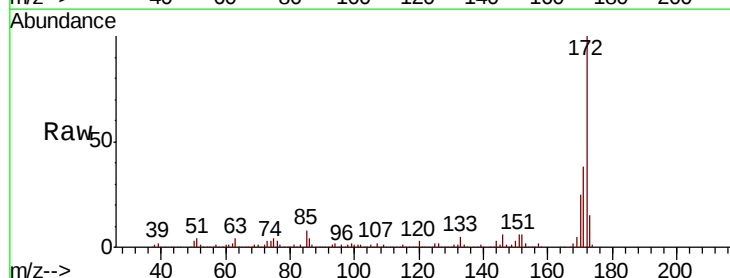


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

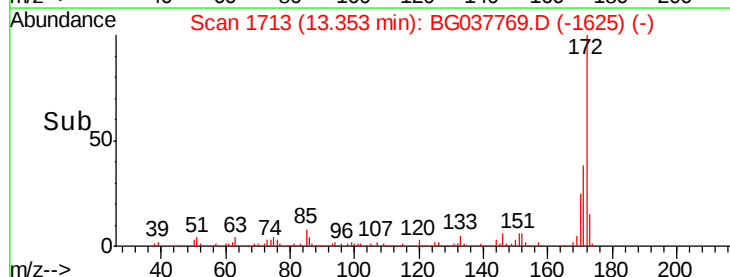
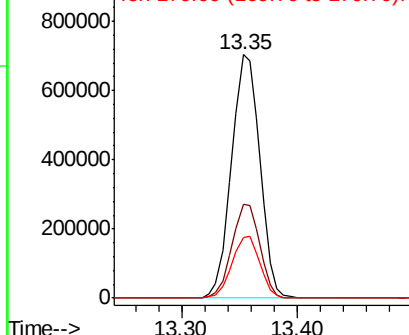


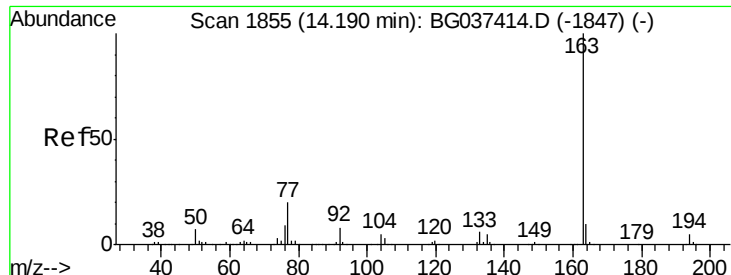
#45
 2-Fluorobiphenyl
 Concen: 90.201 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037769.D
 Acq: 3 Nov 2018 00:34

Tgt Ion:172 Resp: 1197467
 Ion Ratio Lower Upper
 172 100
 171 38.3 31.0 46.4
 170 25.0 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

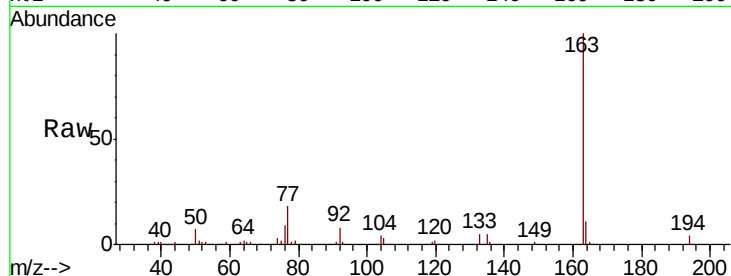




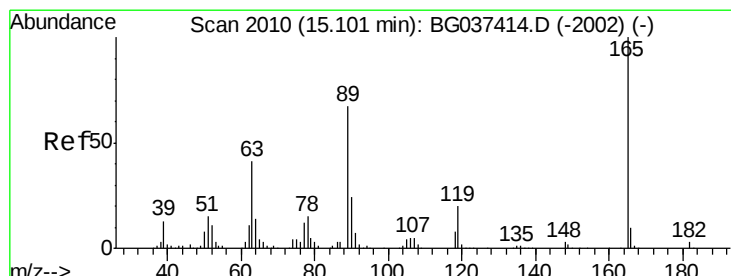
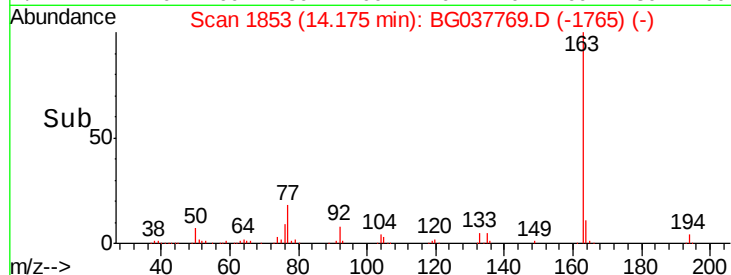
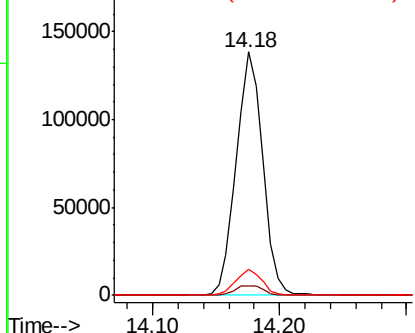
#50
Dimethylphthalate
Concen: 12.967 ng
RT: 14.18 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BG037769.D
Acq: 3 Nov 2018 00:34

Instrument :
BNA_G
ClientSampleId :
SODUS-TS-002

Tot Ion:163 Resp: 200813
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 10.8 8.5 12.7

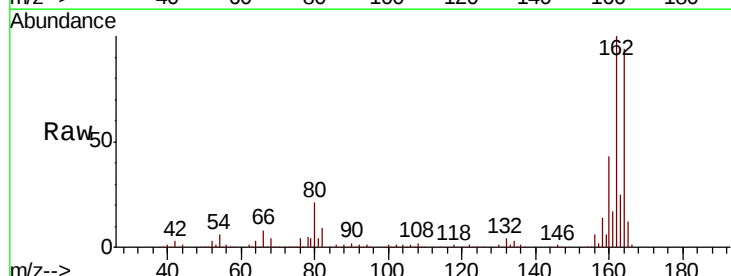


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

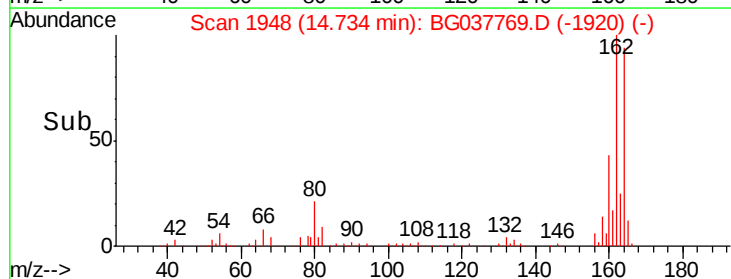
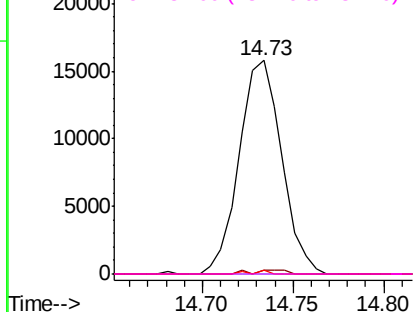


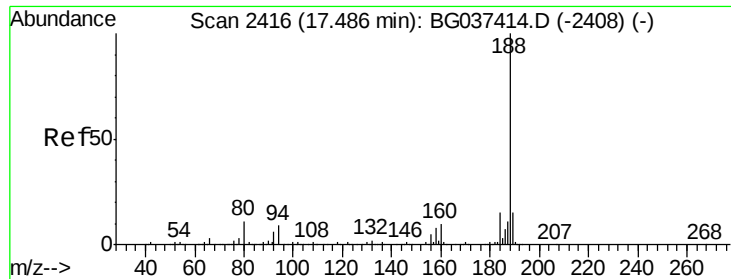
#57
2,4-Dinitrotoluene
Concen: 5.740 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.37 min
Lab File: BG037769.D
Acq: 3 Nov 2018 00:34

Tgt Ion:165 Resp: 25812
Ion Ratio Lower Upper
165 100
63 1.7 33.4 50.0#
89 1.9 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: 17.48 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG037769.D

Acq: 3 Nov 2018 00:34

Instrument :

BNA_G

ClientSampleId :

SODUS-TS-002

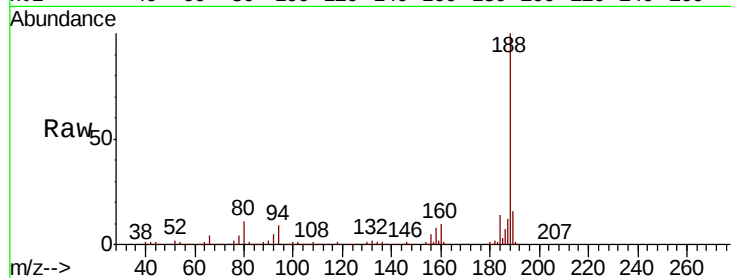
Tot Ion:188 Resp: 446403

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

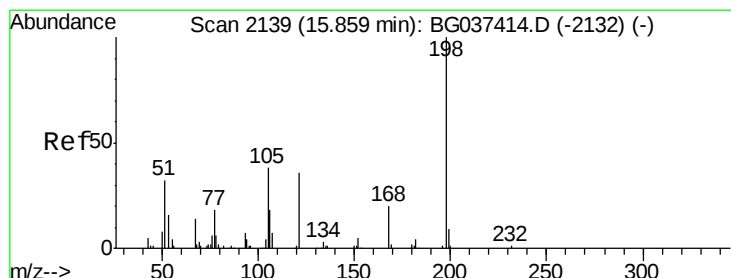
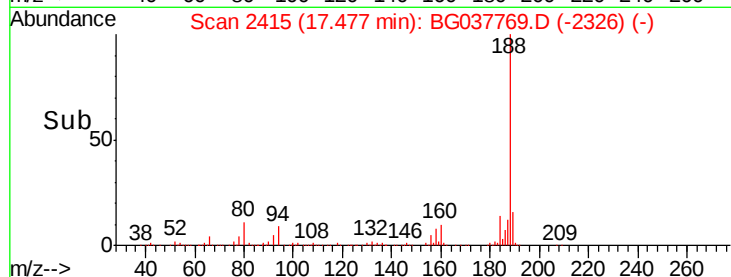
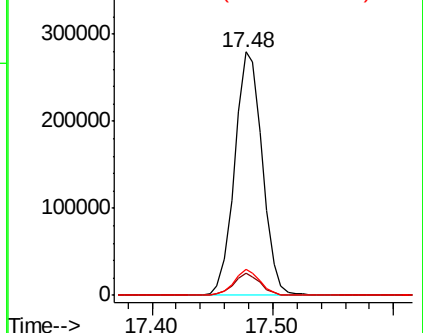
80 10.7 7.7 11.5



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: 8.863 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.36 min

Lab File: BG037769.D

Acq: 3 Nov 2018 00:34

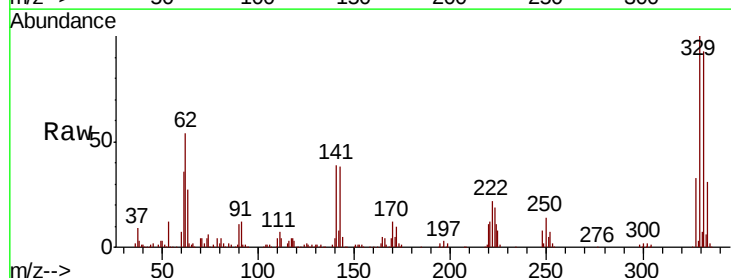
Tgt Ion:198 Resp: 1012

Ion Ratio Lower Upper

198 100

51 23.6 22.7 62.7

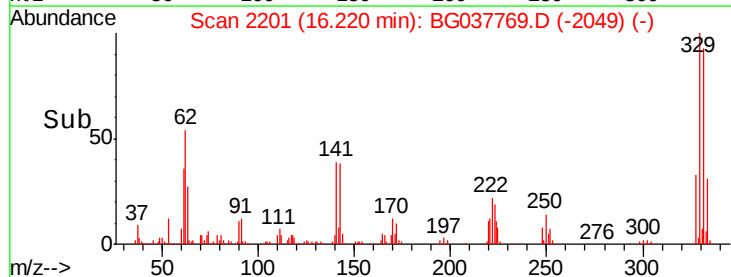
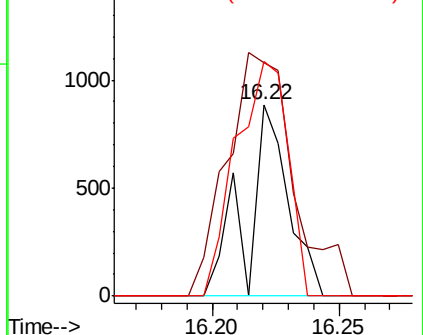
105 23.7 19.7 59.7



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: 5.216 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.45 min

Lab File: BG037769.D

Acq: 3 Nov 2018 00:34

Instrument :

BNA_G

ClientSampleId :

SODUS-TS-002

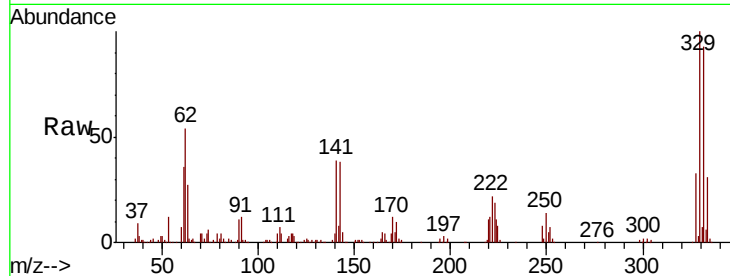
Tot Ion:248 Resp: 25571

Ion Ratio Lower Upper

248 100

250 186.8 77.0 115.6#

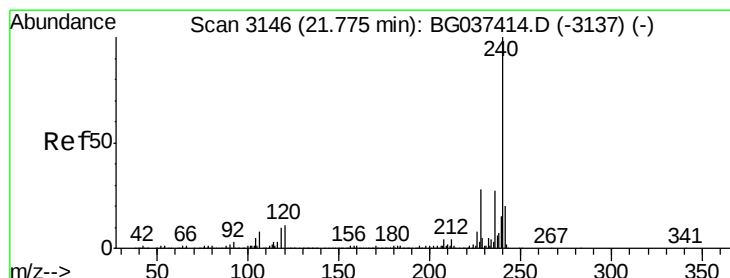
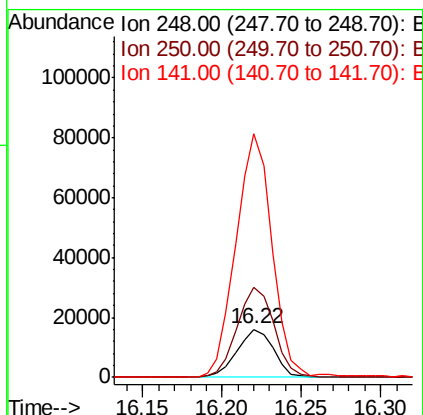
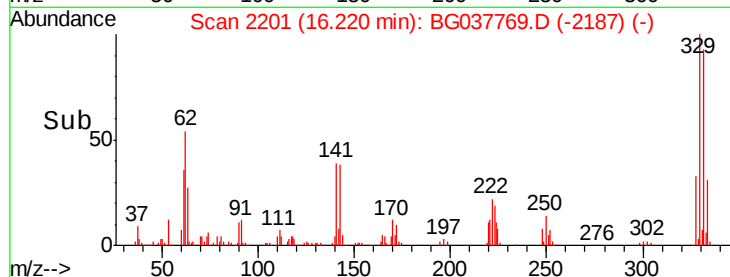
141 380.9 55.5 83.3#



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: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037769.D

Acq: 3 Nov 2018 00:34

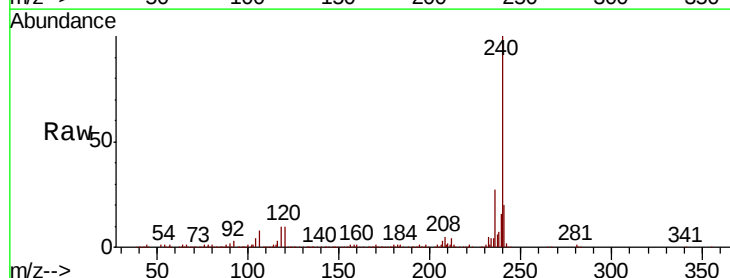
Tgt Ion:240 Resp: 408348

Ion Ratio Lower Upper

240 100

120 10.5 8.1 12.1

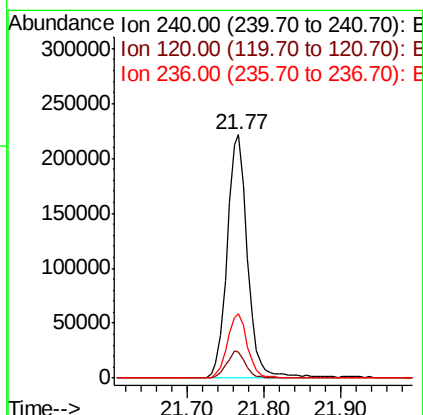
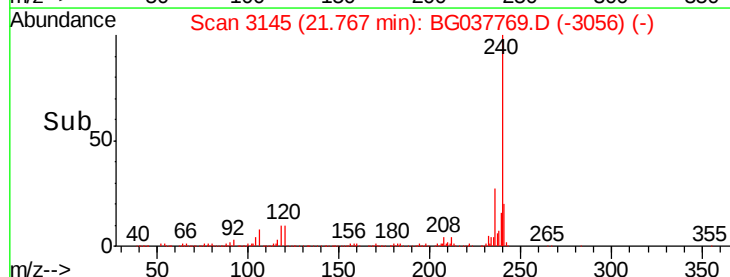
236 26.6 21.4 32.0

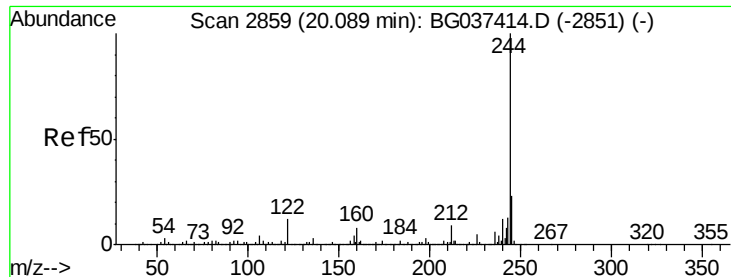


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.581 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037769.D

Acq: 3 Nov 2018 00:34

Instrument :

BNA_G

ClientSampleId :

SODUS-TS-002

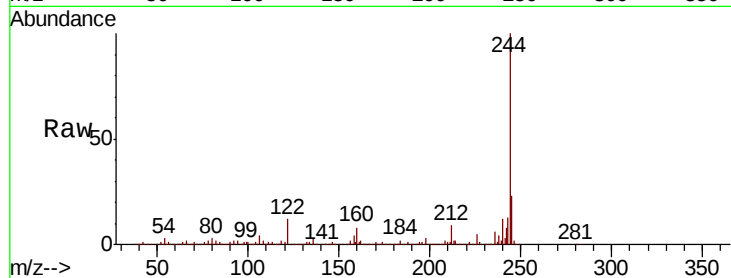
Tot Ion:244 Resp: 1539939

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

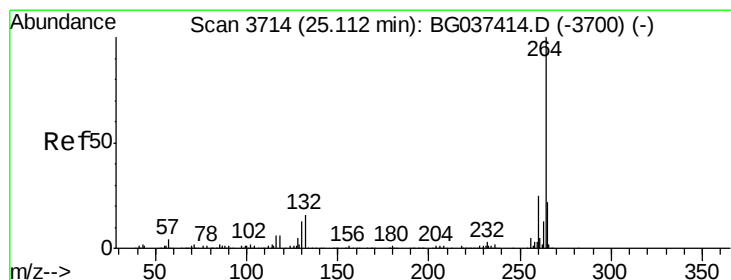
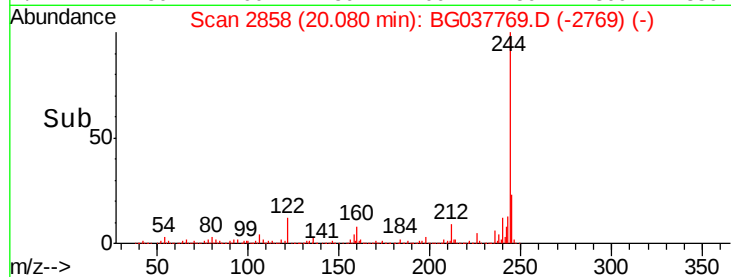
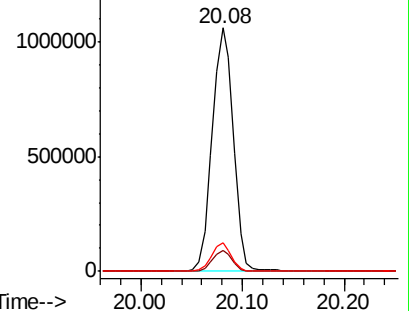
122 11.5 9.0 13.4



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: 25.10 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG037769.D

Acq: 3 Nov 2018 00:34

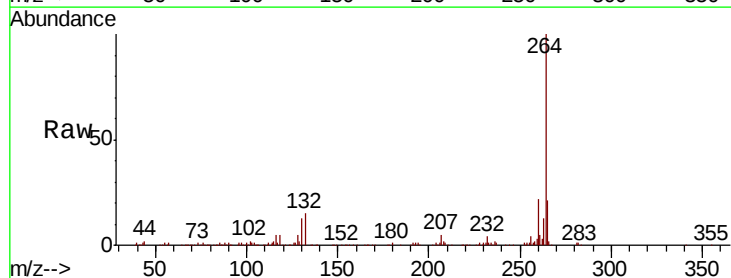
Tgt Ion:264 Resp: 386253

Ion Ratio Lower Upper

264 100

260 21.9 18.2 27.4

265 21.3 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

