

Data File : BG037789.D
Acq On : 3 Nov 2018 13:39
Operator : JU/SJ
Sample : J5755-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-2A-S

Quant Time: Nov 05 03:56:58 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

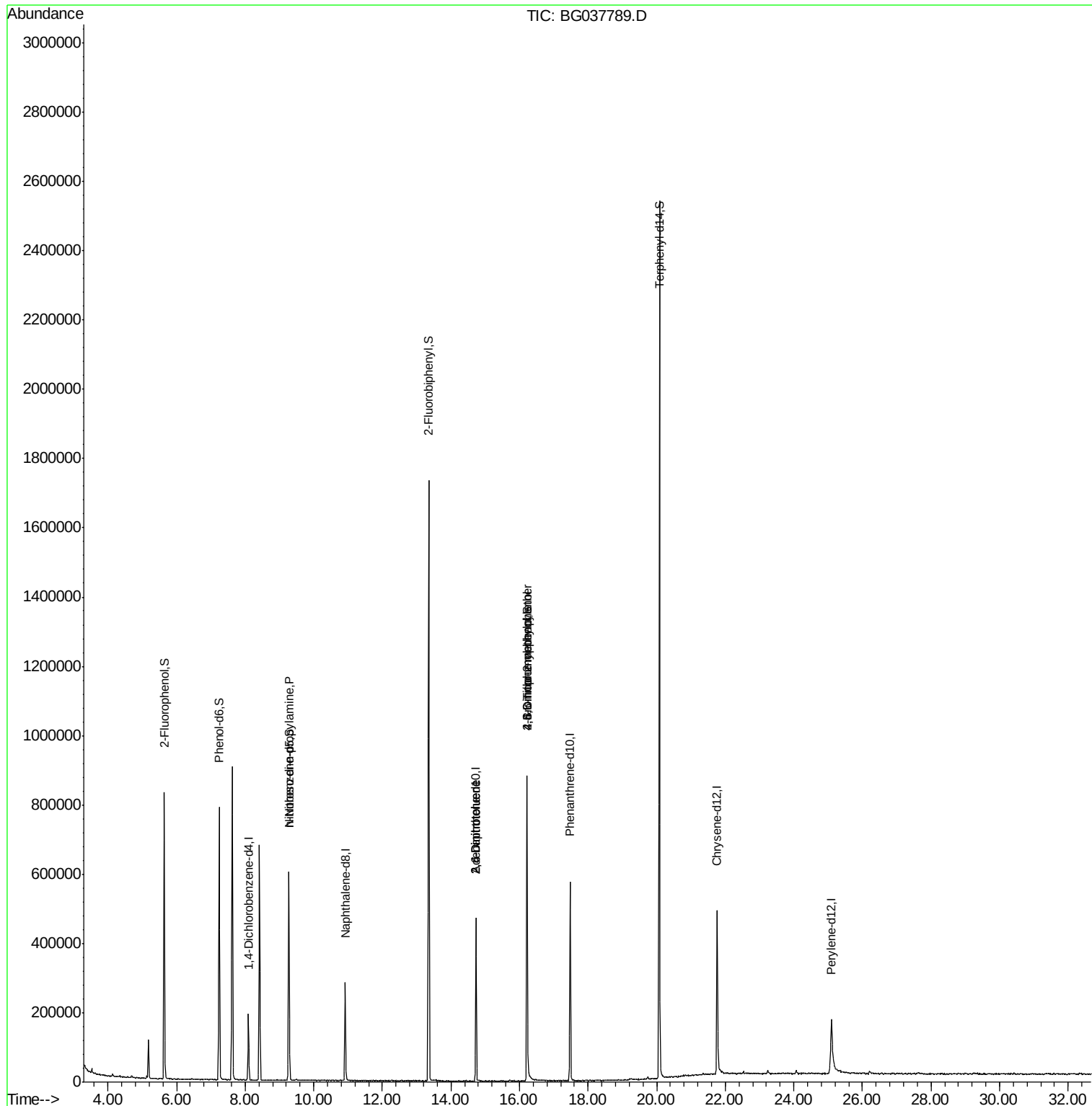
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	57936	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	260407	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	174255	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	380986	20.00	ng	0.00
76) Chrysene-d12	21.76	240	348962	20.00	ng	-0.01
87) Perylene-d12	25.10	264	257589	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	384775	111.03	ng	0.00
7) Phenol-d6	7.24	99	516614	98.59	ng	0.00
23) Nitrobenzene-d5	9.28	82	386034	83.04	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	185586	97.65	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	960816	83.15	ng	-0.01
79) Terphenyl-d14	20.08	244	1356669	83.07	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	48967	13.570	ng	# 71
51) 2,6-Dinitrotoluene	14.73	165	21930	7.354	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	21930	5.602	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.21	198	499	8.713	ng	# 72
67) 4-Bromophenyl-phenylether	16.21	248	13733	3.282	ng	# 1

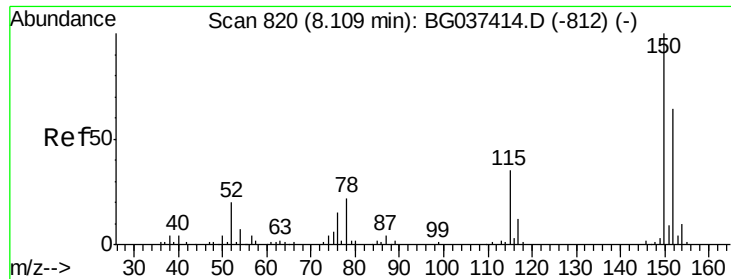
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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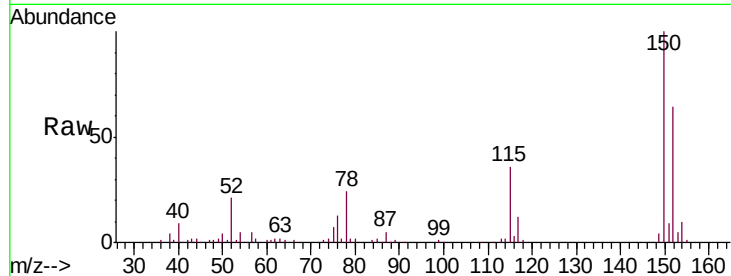




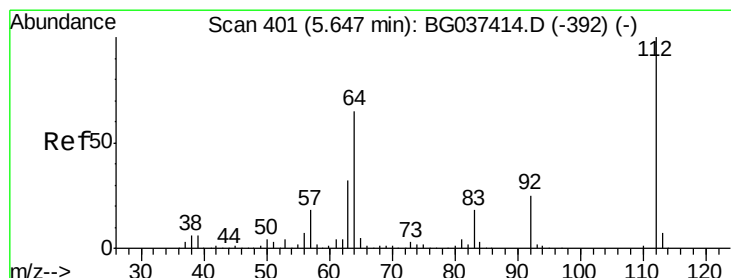
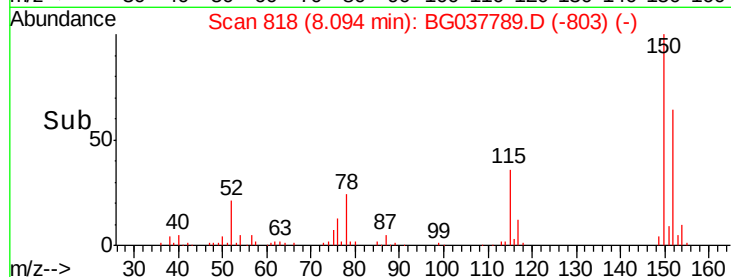
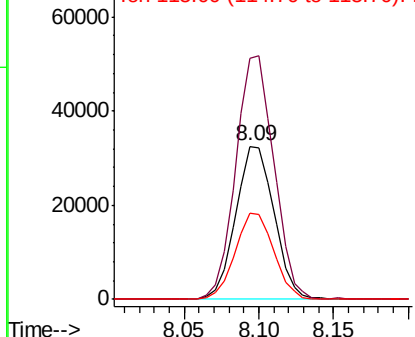
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG037789.D
 Acq: 3 Nov 2018 13:39

Instrument :
 BNA_G
 ClientSampleId :
 TP-2A-S

Tgt Ion:152 Resp: 57936
 Ion Ratio Lower Upper
 152 100
 150 157.3 126.0 189.0
 115 56.3 45.5 68.3

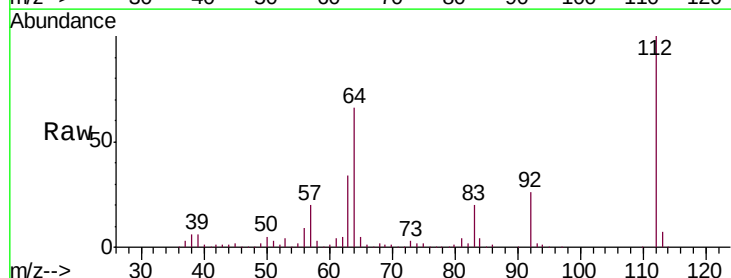


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

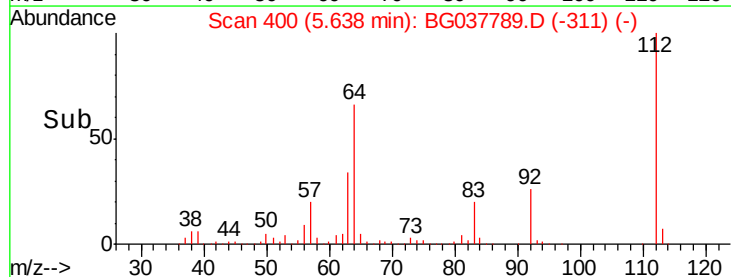
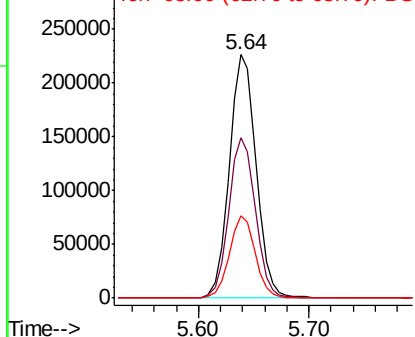


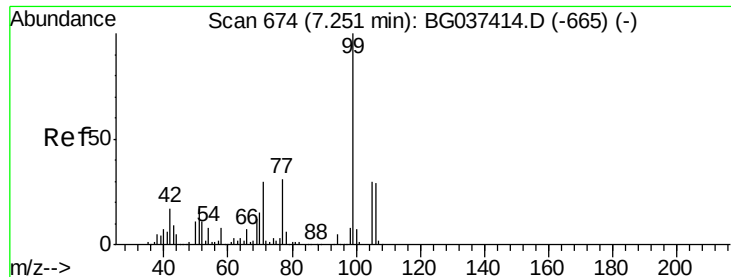
#5
 2-Fluorophenol
 Concen: 111.034 ng
 RT: 5.64 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BG037789.D
 Acq: 3 Nov 2018 13:39

Tgt Ion:112 Resp: 384775
 Ion Ratio Lower Upper
 112 100
 64 66.1 53.1 79.7
 63 33.9 27.3 40.9



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: 98.589 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037789.D

Acq: 3 Nov 2018 13:39

Instrument :

BNA_G

ClientSampleId :

TP-2A-S

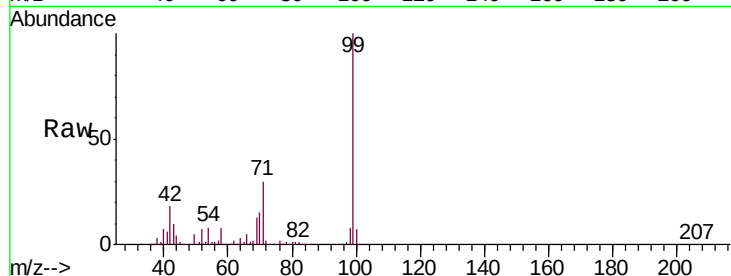
Tgt Ion: 99 Resp: 516614

Ion Ratio Lower Upper

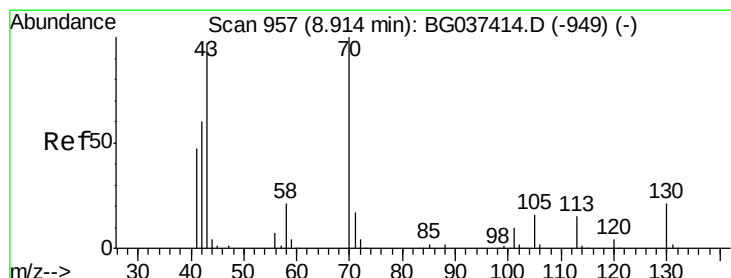
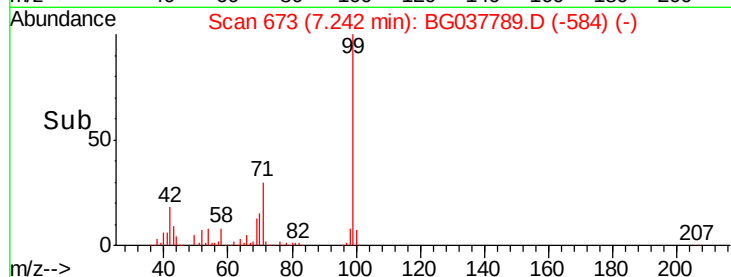
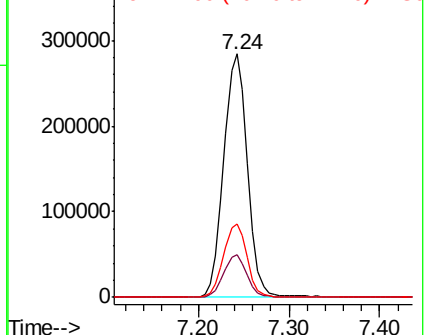
99 100

42 17.7 15.0 22.4

71 30.3 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.570 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037789.D

Acq: 3 Nov 2018 13:39

Tgt Ion: 70 Resp: 48967

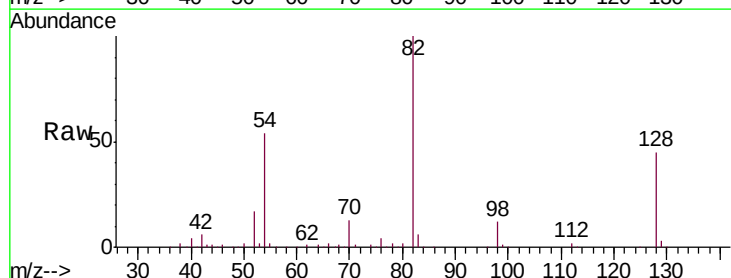
Ion Ratio Lower Upper

70 100

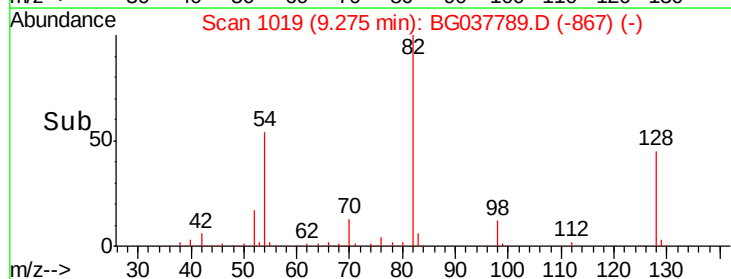
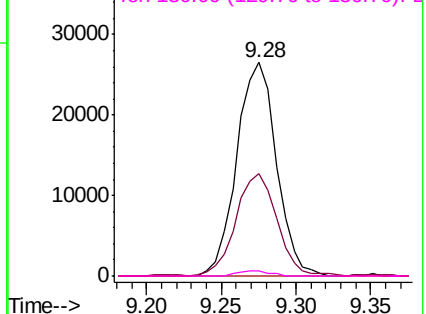
42 48.1 53.9 80.9#

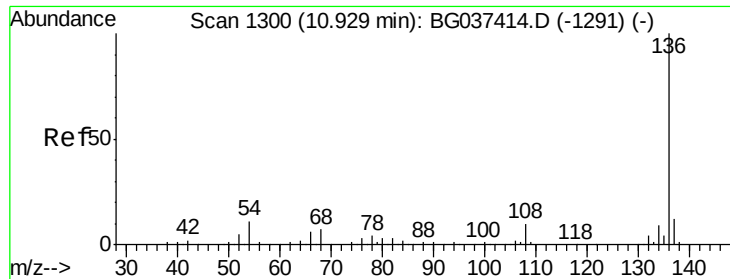
101 0.0 8.2 12.2#

130 2.3 18.2 27.4#



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

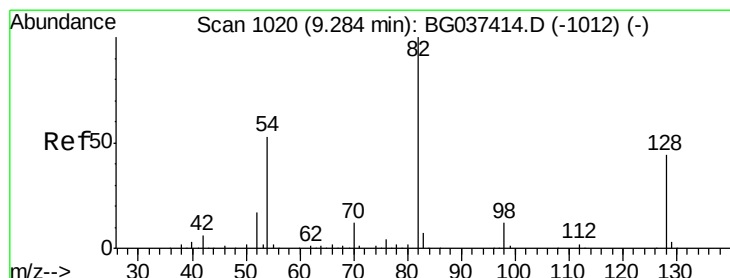
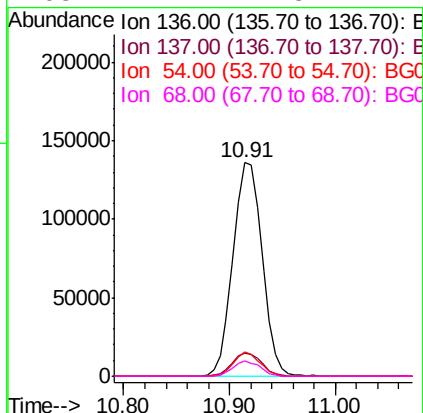
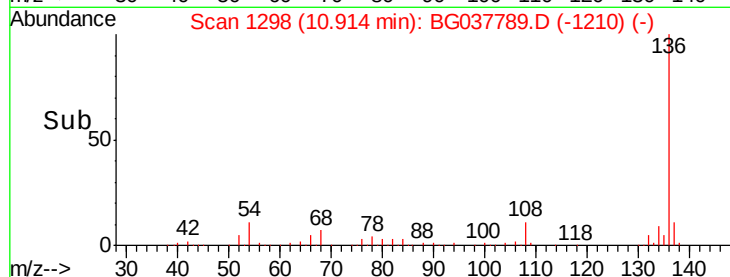
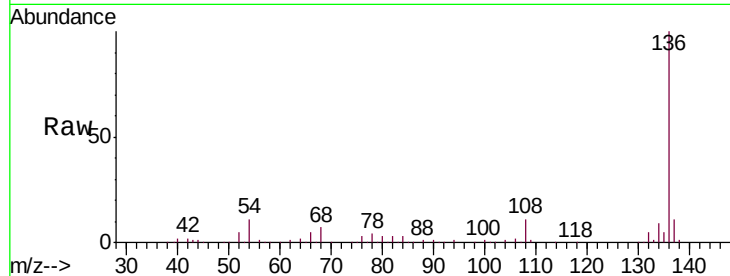




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037789.D
Acq: 3 Nov 2018 13:39

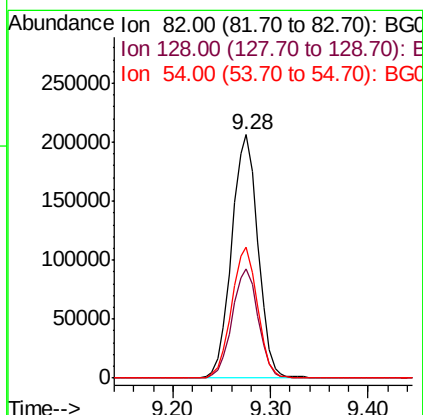
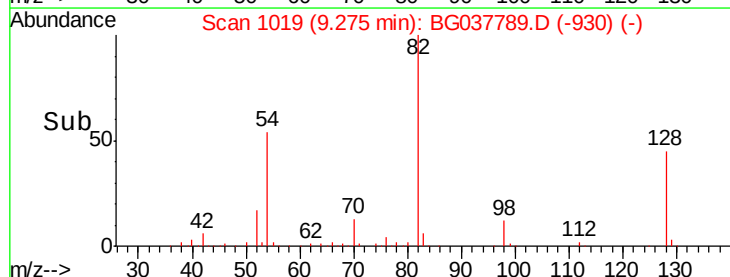
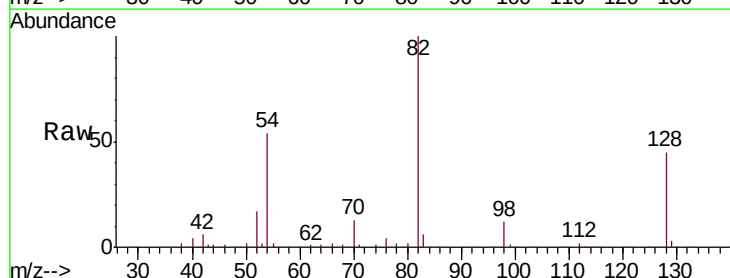
Instrument :
BNA_G
ClientSampleId :
TP-2A-S

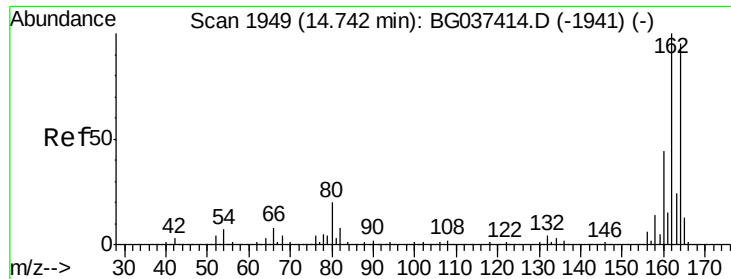
Tgt Ion:	136	Resp:	260407
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	11.2	7.9	11.9
68	7.1	4.8	7.2



#23
Nitrobenzene-d5
Concen: 83.044 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037789.D
Acq: 3 Nov 2018 13:39

Tgt Ion:	82	Resp:	386034
Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.6	51.8
54	53.8	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037789.D

Acq: 3 Nov 2018 13:39

Instrument :

BNA_G

ClientSampleId :

TP-2A-S

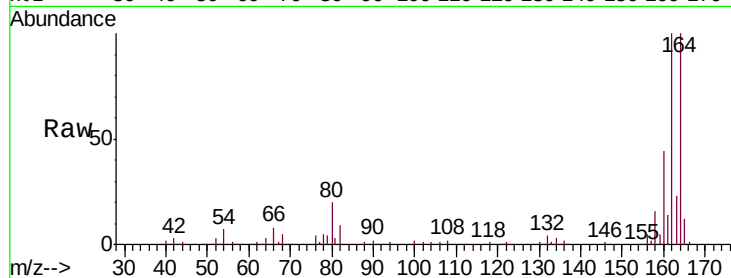
Tgt Ion:164 Resp: 174255

Ion Ratio Lower Upper

164 100

162 100.4 81.3 121.9

160 44.2 36.3 54.5

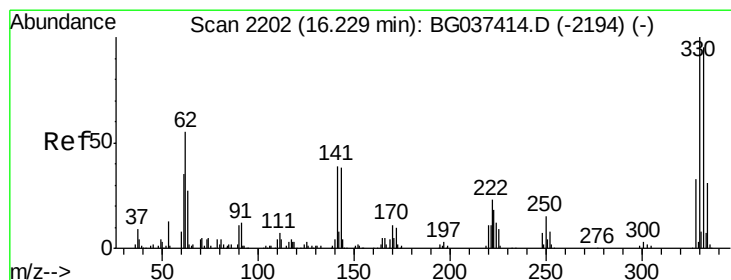
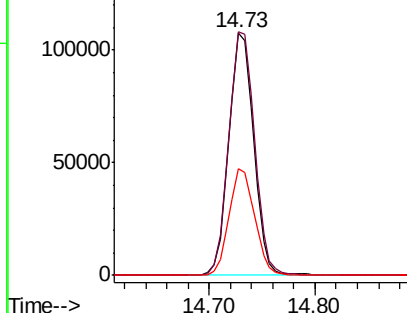
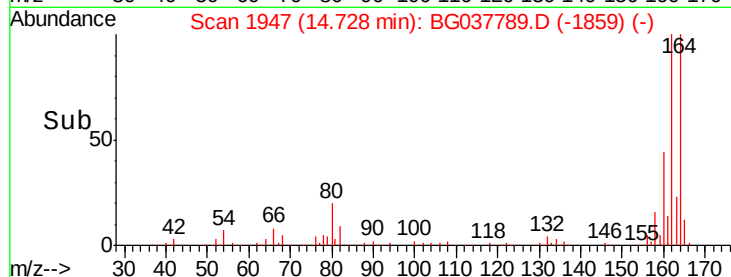


Abundance

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



#42

2,4,6-Tribromophenol

Concen: 97.647 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037789.D

Acq: 3 Nov 2018 13:39

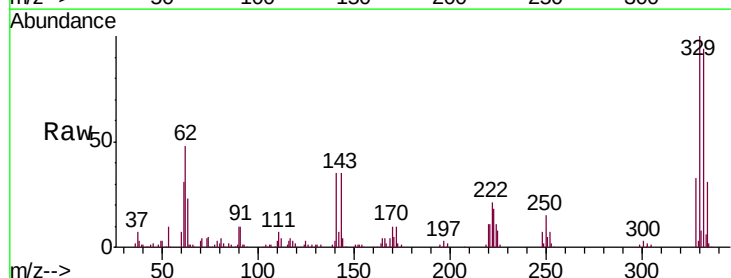
Tgt Ion:330 Resp: 185586

Ion Ratio Lower Upper

330 100

332 97.0 78.4 117.6

141 38.1 32.2 48.2

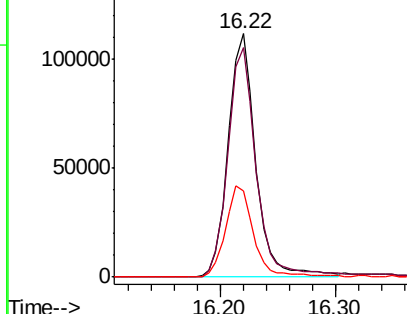
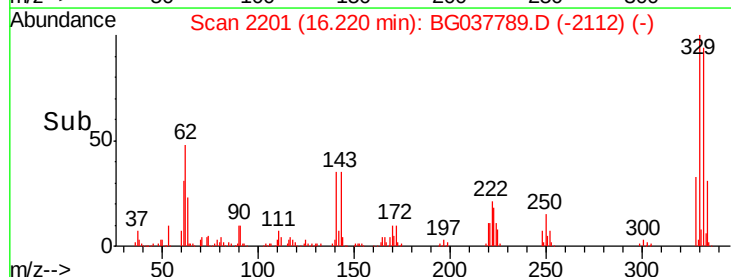


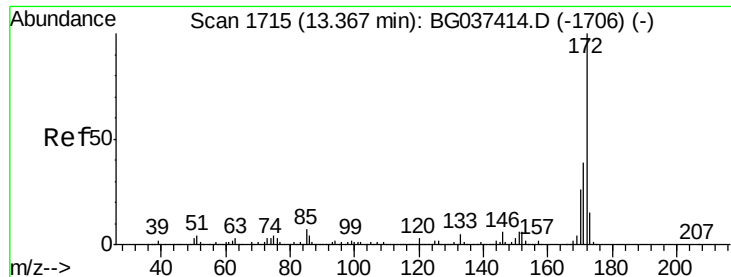
Abundance

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

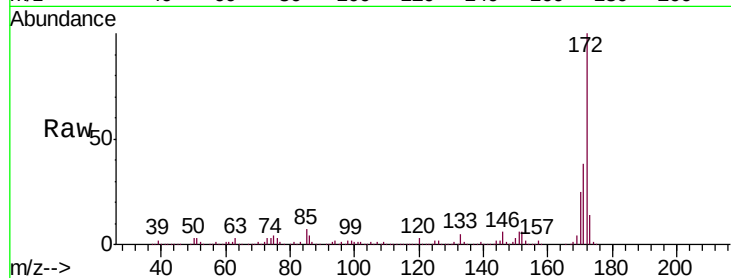




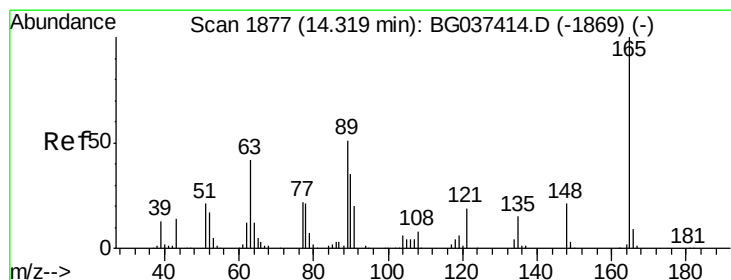
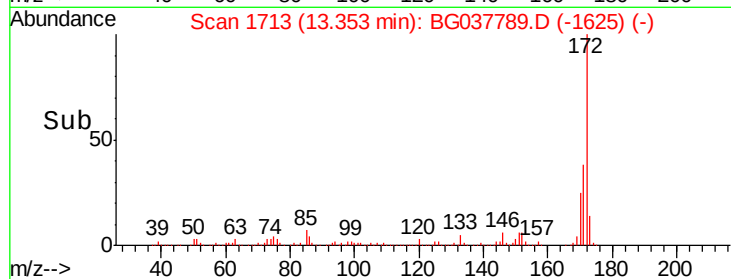
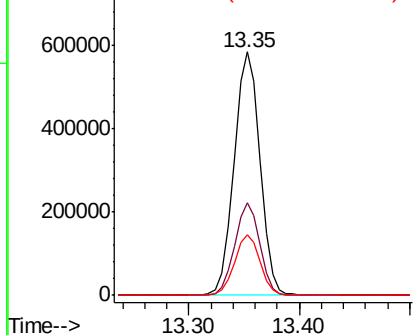
#45
 2-Fluorobiphenyl
 Concen: 83.146 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037789.D
 Acq: 3 Nov 2018 13:39

Instrument :
 BNA_G
 ClientSampleId :
 TP-2A-S

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.0	46.4
170	25.0	20.2	30.2

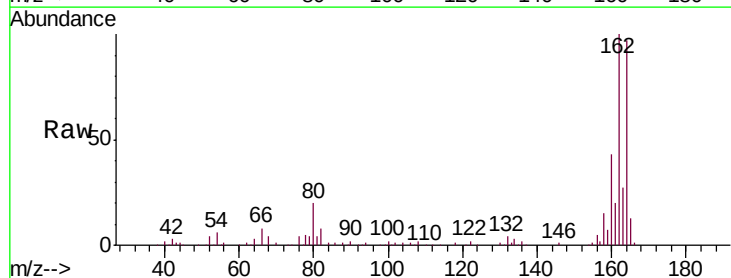


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

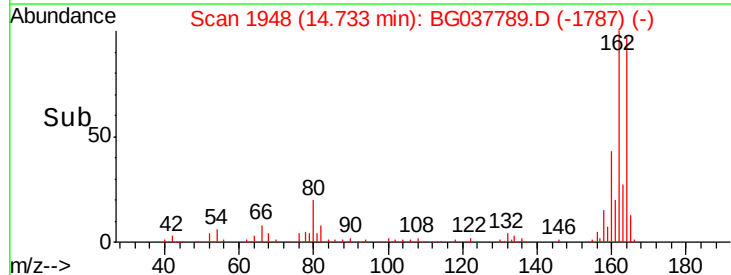
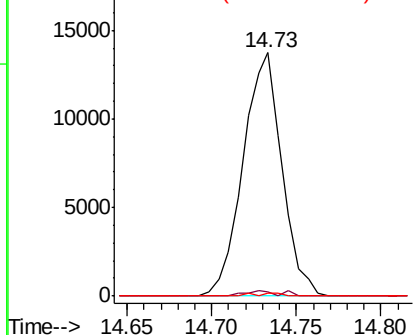


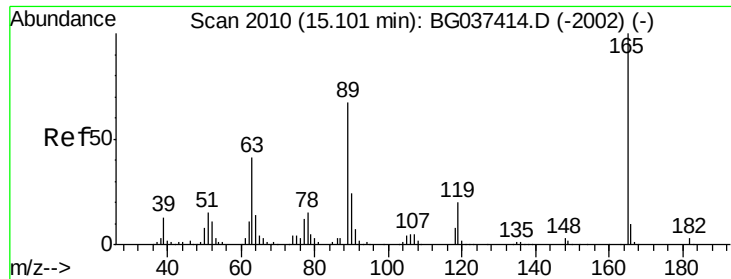
#51
 2,6-Dinitrotoluene
 Concen: 7.354 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. 0.41 min
 Lab File: BG037789.D
 Acq: 3 Nov 2018 13:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	43.4	65.2#
89	1.4	45.8	68.6#



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

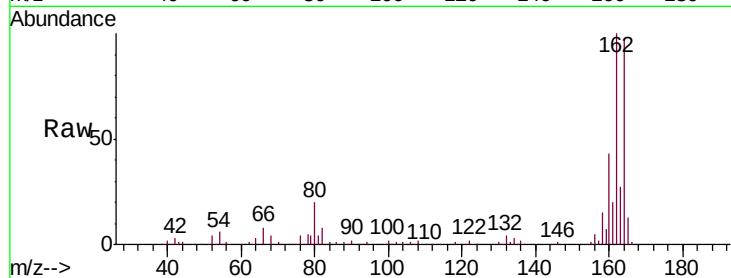




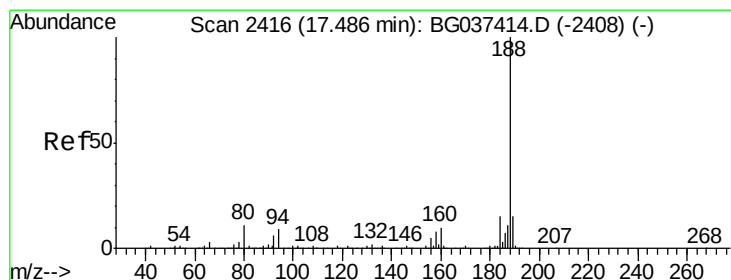
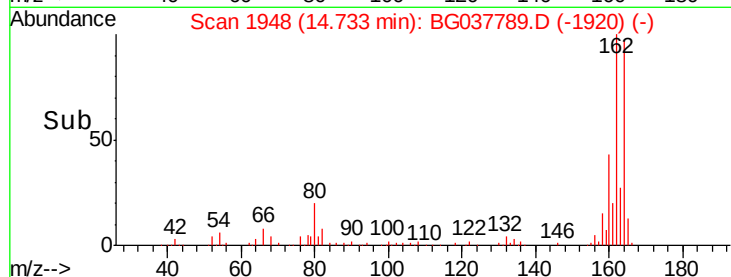
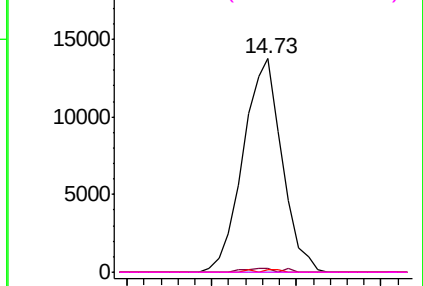
#57
 2,4-Dinitrotoluene
 Concen: 5.602 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037789.D
 Acq: 3 Nov 2018 13:39

Instrument :
 BNA_G
 ClientSampleId :
 TP-2A-S

Tgt Ion:	165	Resp:	21930
Ion	Ratio	Lower	Upper
165	100		
63	1.9	33.4	50.0#
89	1.4	57.2	85.8#
182	0.0	2.6	4.0#

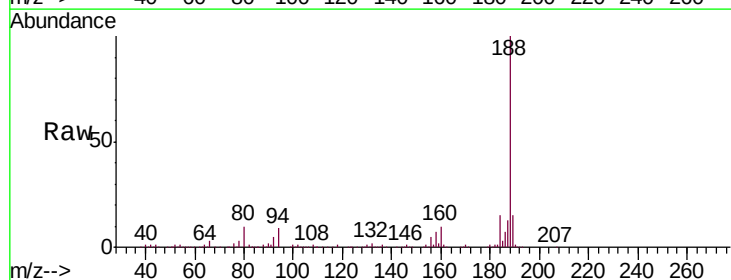


Abundance Ion 165.00 (164.70 to 165.70): E

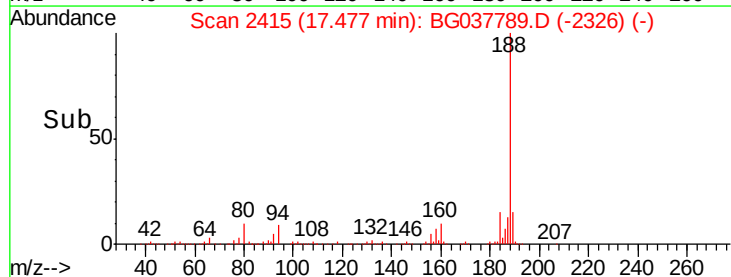
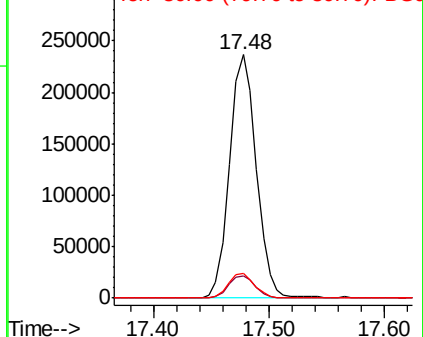


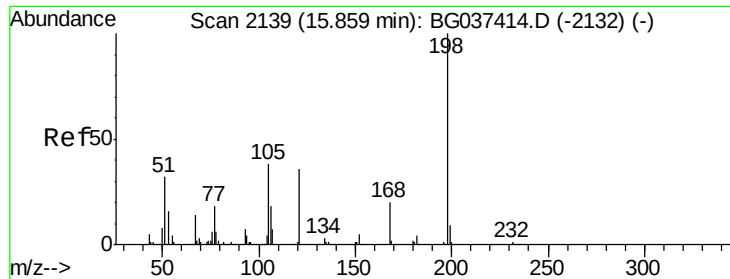
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037789.D
 Acq: 3 Nov 2018 13:39

Tgt Ion:	188	Resp:	380986
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.4	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): E

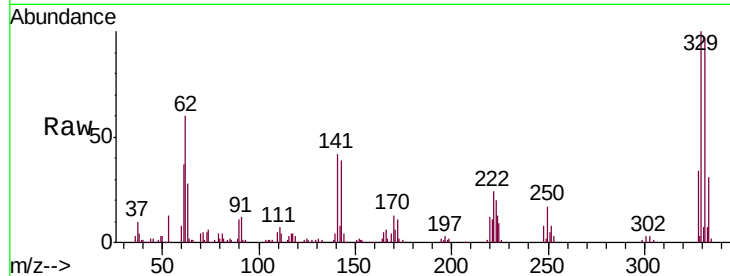




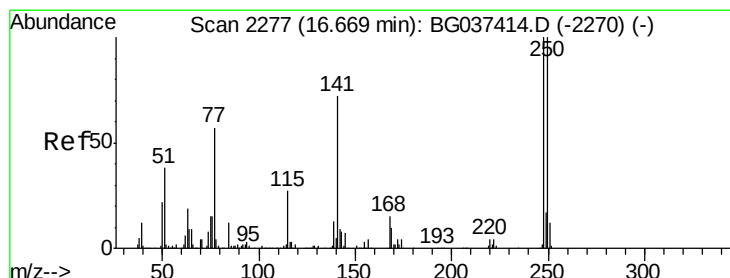
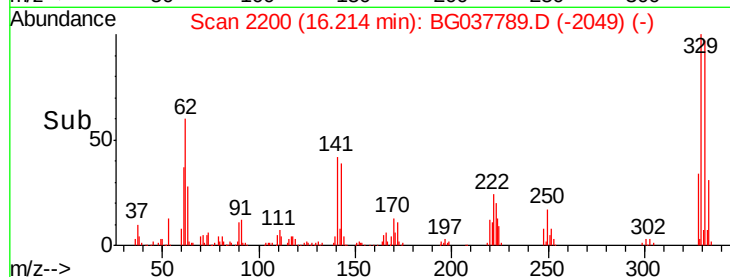
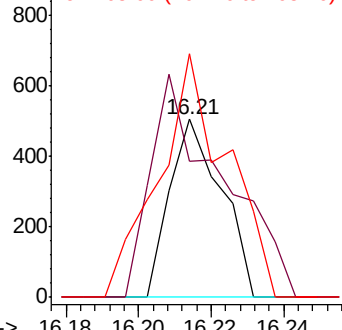
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.713 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. 0.36 min
 Lab File: BG037789.D
 Acq: 3 Nov 2018 13:39

Instrument :
 BNA_G
 ClientSampleId :
 TP-2A-S

Tgt Ion:198 Resp: 499
 Ion Ratio Lower Upper
 198 100
 51 17.2 22.7 62.7#
 105 30.9 19.7 59.7

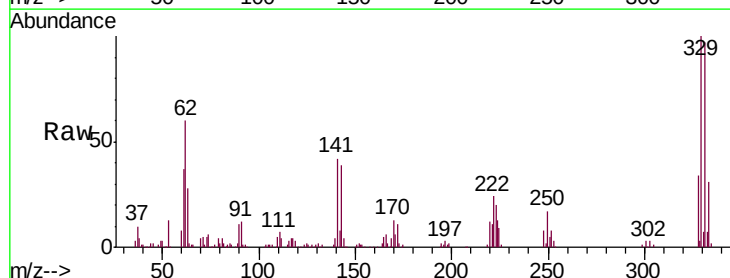


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

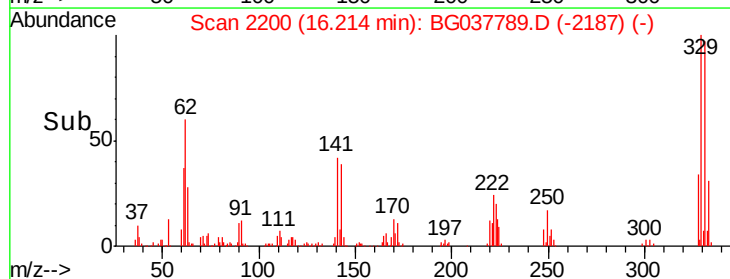
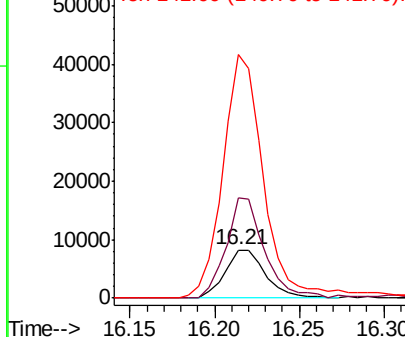


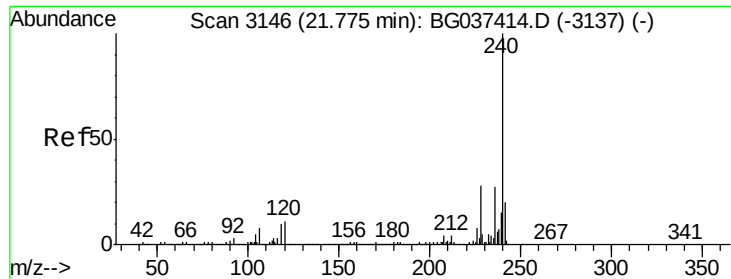
#67
 4-Bromophenyl-phenylether
 Concen: 3.282 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.46 min
 Lab File: BG037789.D
 Acq: 3 Nov 2018 13:39

Tgt Ion:248 Resp: 13733
 Ion Ratio Lower Upper
 248 100
 250 203.9 77.0 115.6#
 141 392.4 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

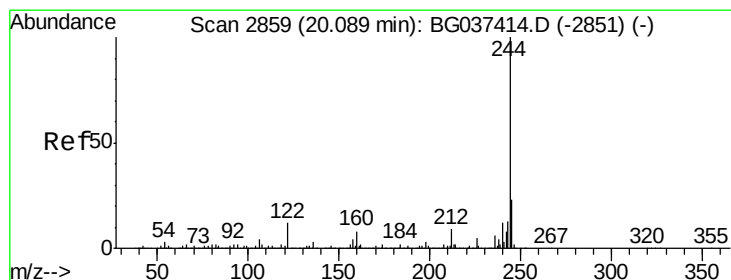
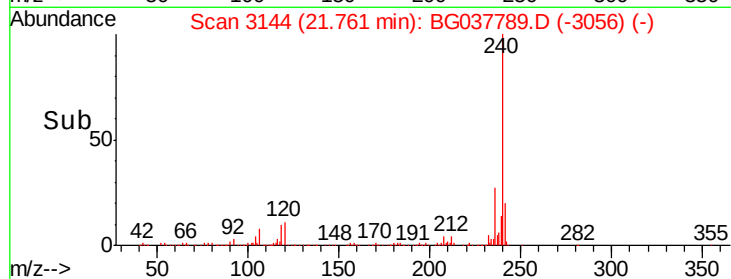
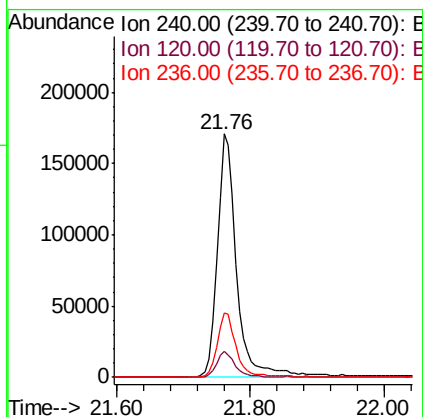
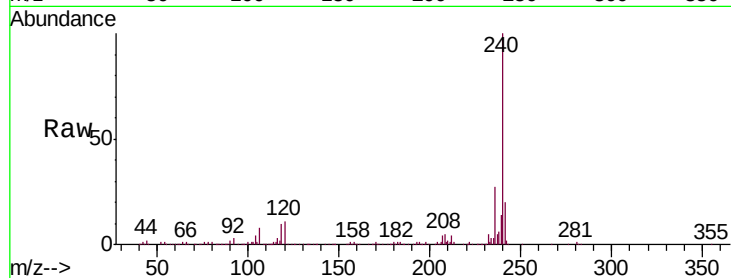




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037789.D
Acq: 3 Nov 2018 13:39

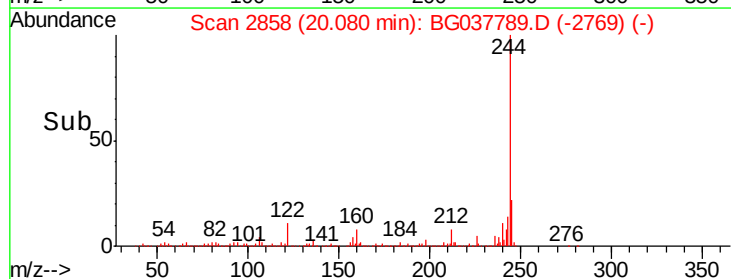
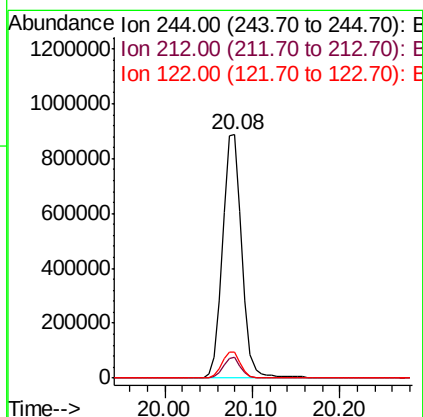
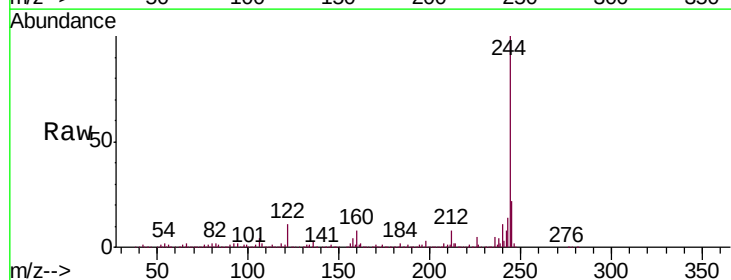
Instrument :
BNA_G
ClientSampleId :
TP-2A-S

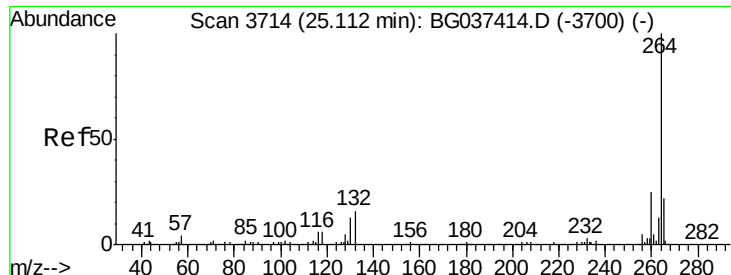
Tgt Ion:240 Resp: 348962
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 26.5 21.4 32.0



#79
Terphenyl-d14
Concen: 83.072 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037789.D
Acq: 3 Nov 2018 13:39

Tgt Ion:244 Resp: 1356669
Ion Ratio Lower Upper
244 100
212 8.4 6.5 9.7
122 10.5 9.0 13.4

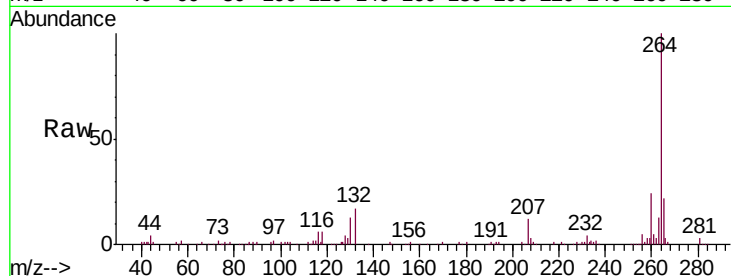




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037789.D
Acq: 3 Nov 2018 13:39

Instrument :
BNA_G
ClientSampleId :
TP-2A-S

Tgt Ion:	264	Resp:	257589
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	22.1	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

