

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101118\
 Data File : BG037286.D
 Acq On : 12 Oct 2018 11:01
 Operator : JU/SJ
 Sample : J5371-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 12 13:27:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

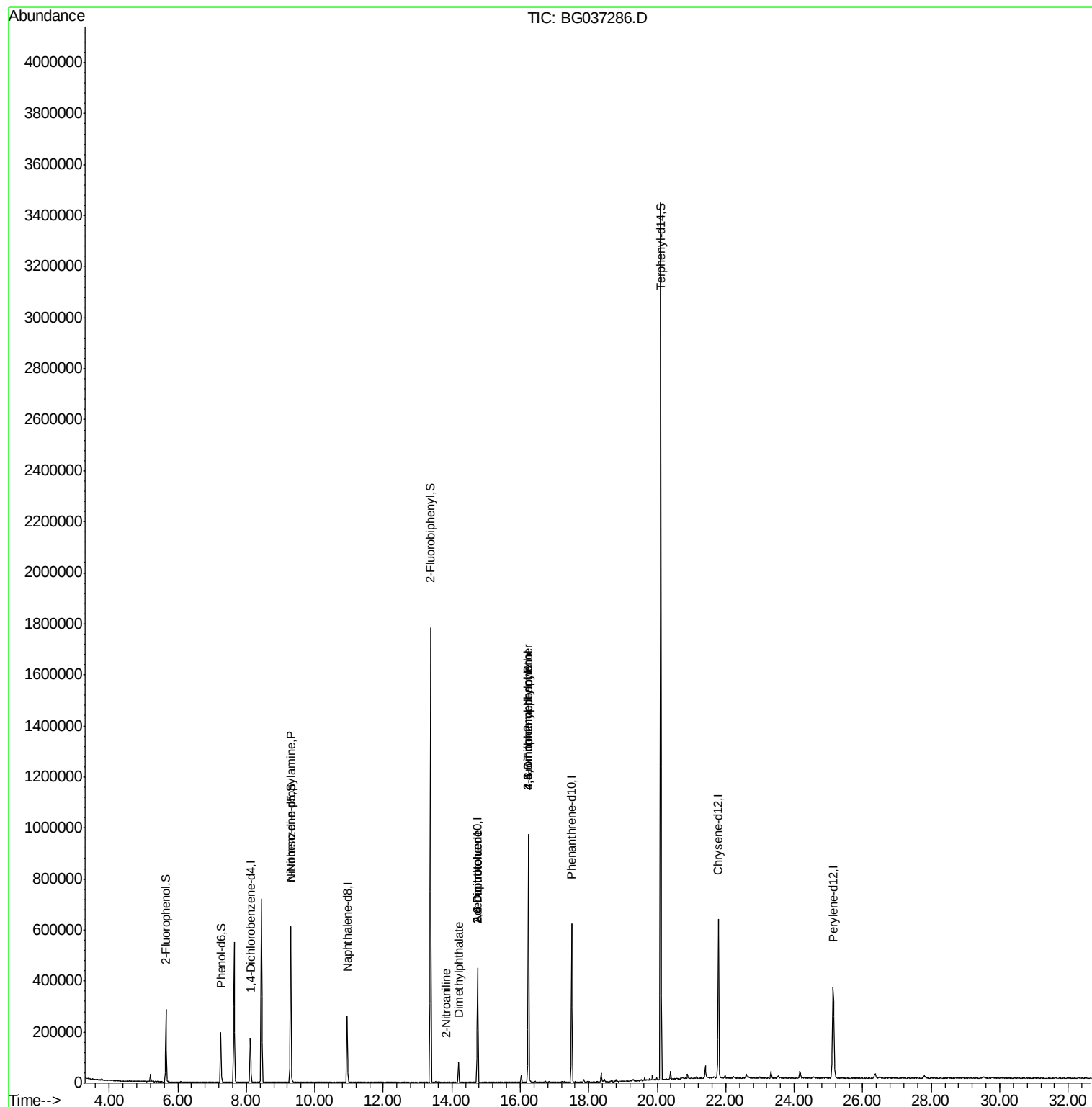
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	53643	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	234046	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	159767	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	404388	20.00	ng	0.00
76) Chrysene-d12	21.79	240	390830	20.00	ng	0.00
87) Perylene-d12	25.14	264	393325	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	133647	43.85	ng	0.00
7) Phenol-d6	7.25	99	120623	26.07	ng	0.00
23) Nitrobenzene-d5	9.30	82	382087	107.33	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	166474	106.25	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	983185	92.42	ng	0.00
79) Terphenyl-d14	20.10	244	1632057	87.68	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.29	70	48988	13.986	ng	# 71
48) 2-Nitroaniline	13.83	65	59	5.774	ng	# 7
50) Dimethylphthalate	14.20	163	57361	4.569	ng	# 97
51) 2,6-Dinitrotoluene	14.75	165	20677	12.439	ng	# 25
57) 2,4-Dinitrotoluene	14.75	165	20677	11.287	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.24	198	426	6.240	ng	# 1
67) 4-Bromophenyl-phenylether	16.24	248	11920	2.731	ng	# 1

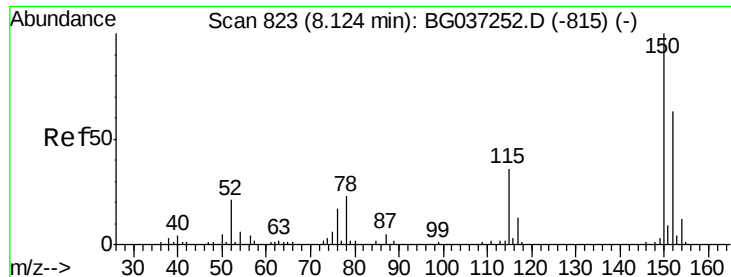
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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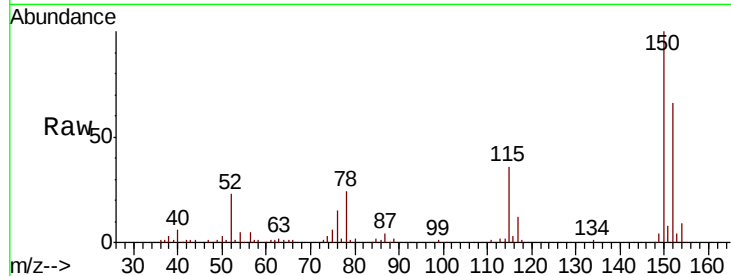


#1

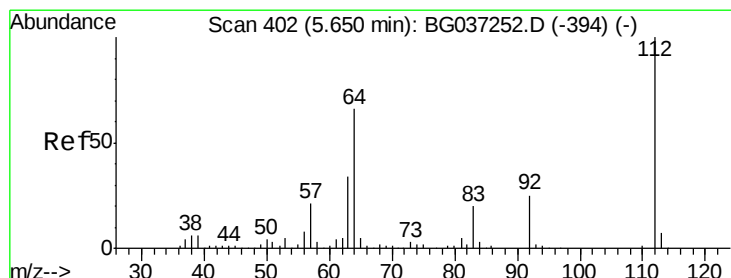
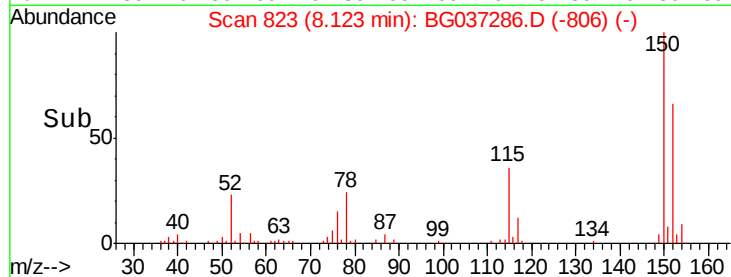
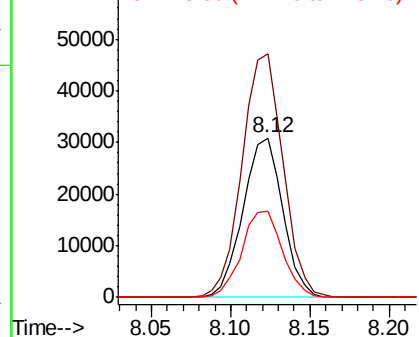
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG037286.D
Acq: 12 Oct 2018 11:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 53643
Ion Ratio Lower Upper
152 100
150 152.4 126.0 189.0
115 54.3 45.5 68.3



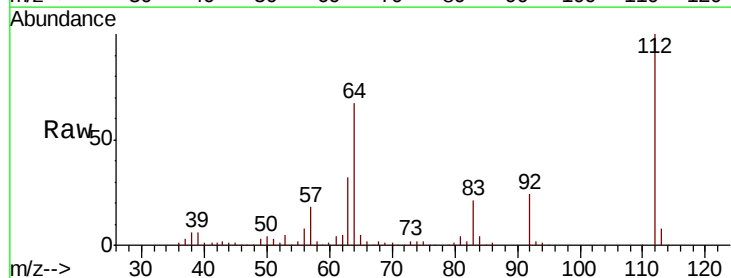
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



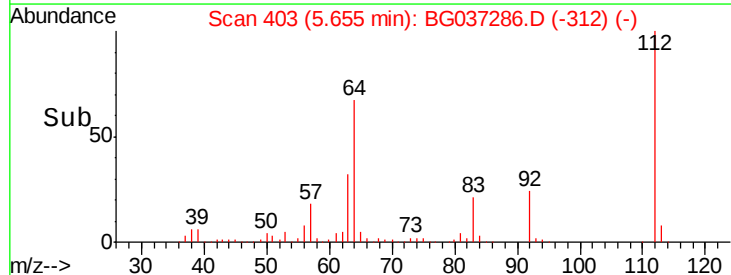
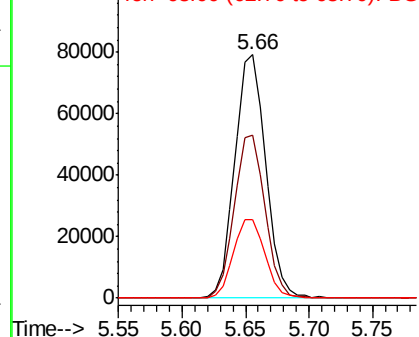
#5

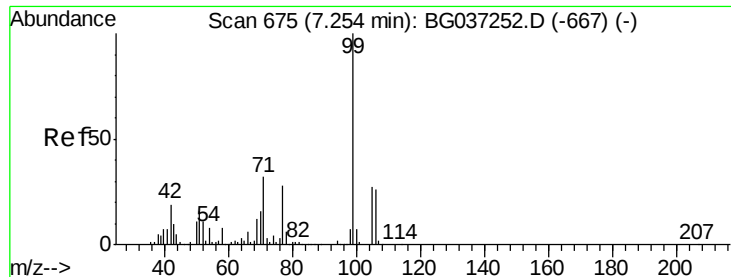
2-Fluorophenol
Concen: 43.847 ng
RT: 5.66 min Scan# 403
Delta R.T. 0.01 min
Lab File: BG037286.D
Acq: 12 Oct 2018 11:01

Tgt Ion:112 Resp: 133647
Ion Ratio Lower Upper
112 100
64 67.1 53.1 79.7
63 32.2 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: 26.072 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG037286.D

Acq: 12 Oct 2018 11:01

Instrument :

BNA_G

ClientSampleId :

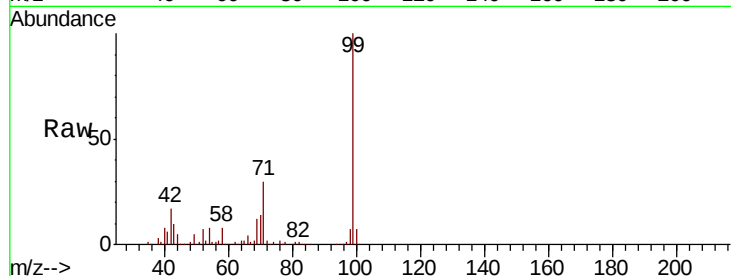
Tot Ion: 99 Resp: 120623

Ion Ratio Lower Upper

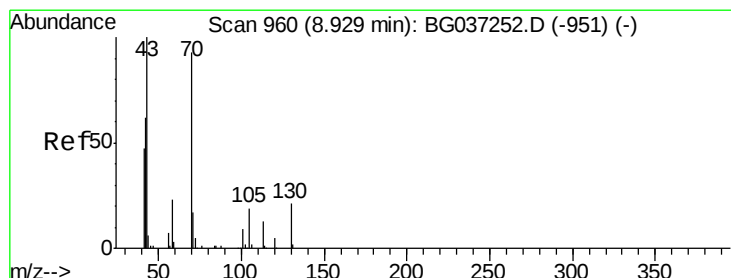
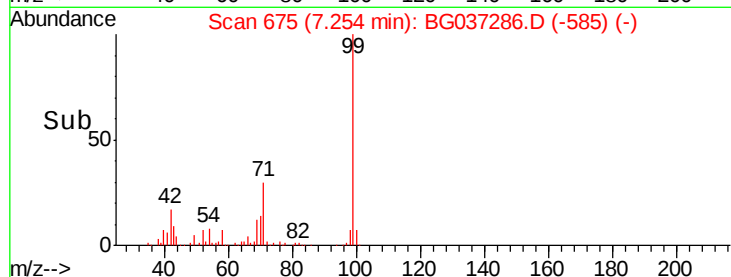
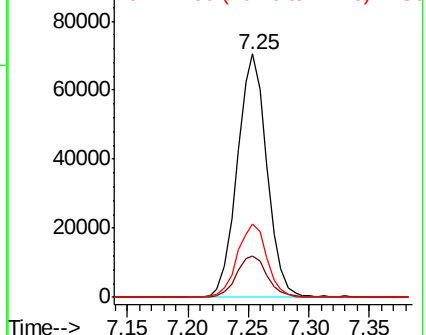
99 100

42 17.1 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: 13.986 ng

RT: 9.29 min Scan# 1022

Delta R.T. 0.36 min

Lab File: BG037286.D

Acq: 12 Oct 2018 11:01

Tgt Ion: 70 Resp: 48988

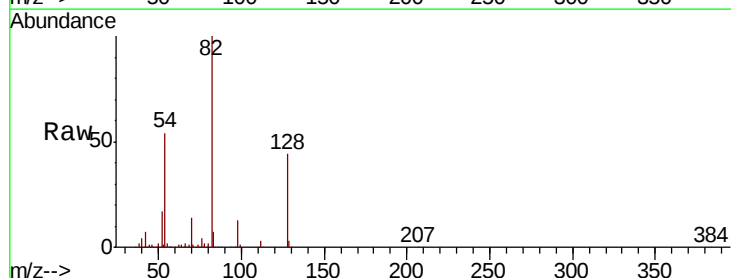
Ion Ratio Lower Upper

70 100

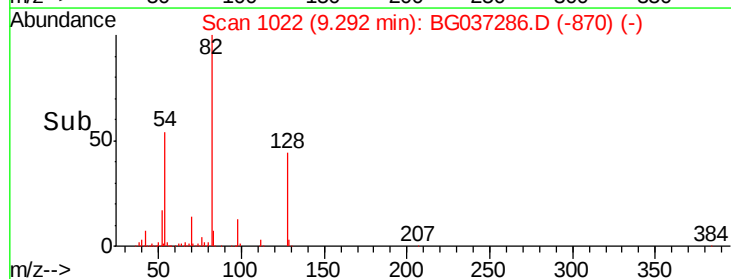
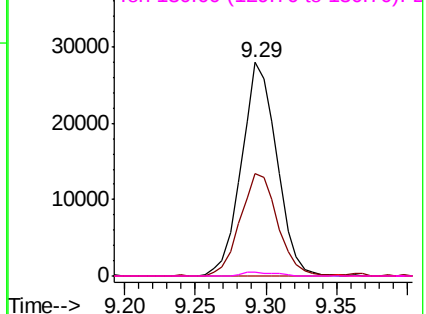
42 48.1 53.9 80.9#

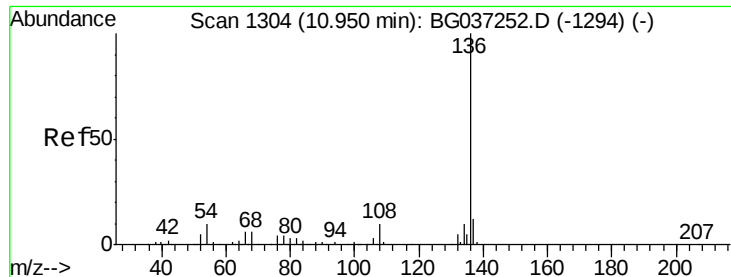
101 0.0 8.2 12.2#

130 1.7 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

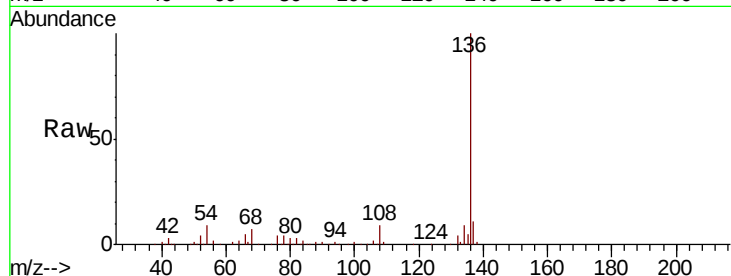




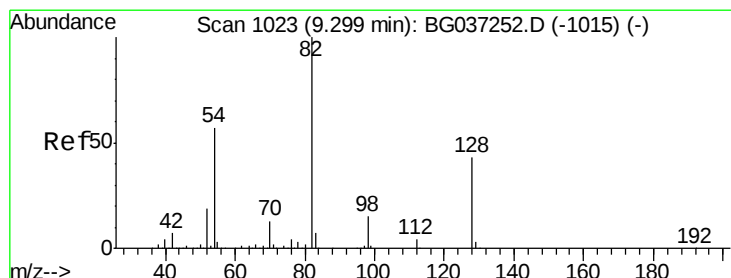
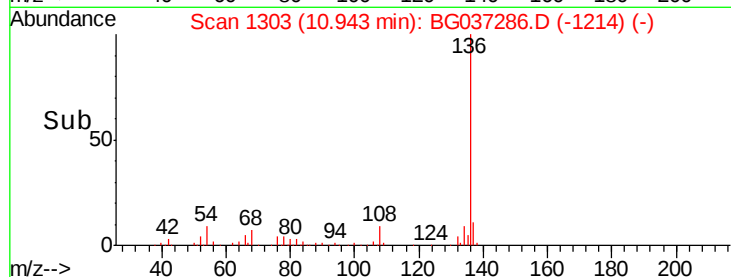
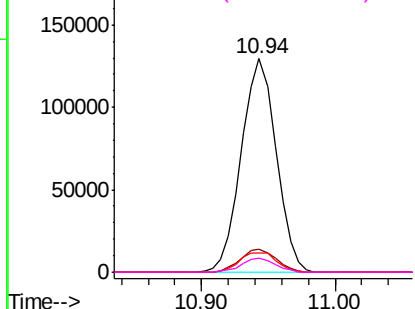
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG037286.D
Acq: 12 Oct 2018 11:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	234046
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.6 14.4
54	9.2	7.9 11.9
68	6.5	4.8 7.2

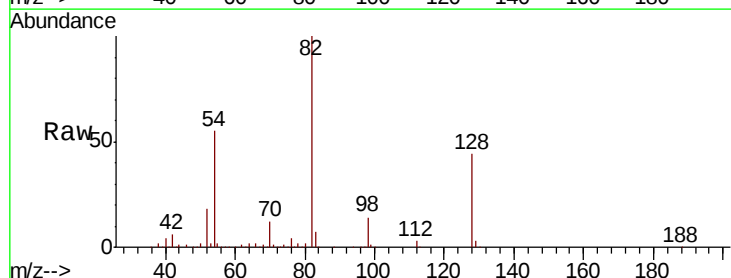


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

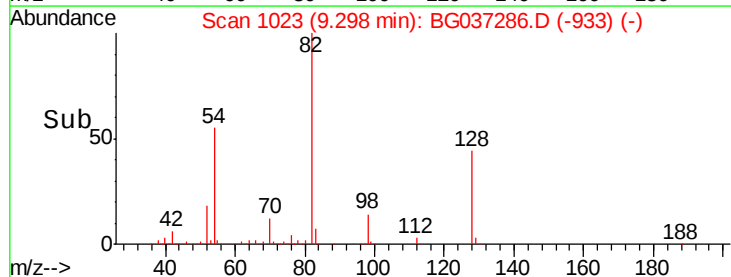
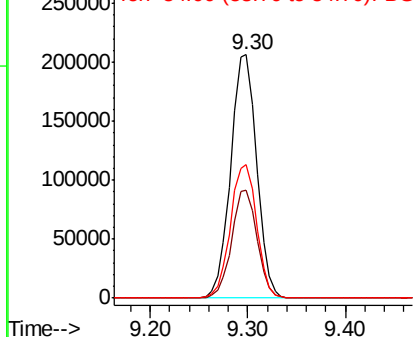


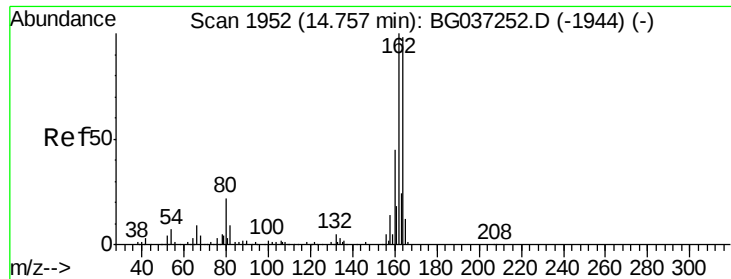
#23
Nitrobenzene-d5
Concen: 107.330 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG037286.D
Acq: 12 Oct 2018 11:01

Tgt Ion: 82	Resp:	382087
Ion Ratio	Lower	Upper
82	100	
128	44.2	34.6 51.8
54	54.9	45.3 67.9



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

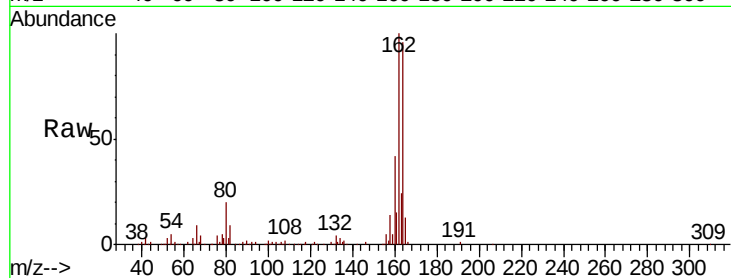




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG037286.D
Acq: 12 Oct 2018 11:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.3	121.9
160	43.6	36.3	54.5

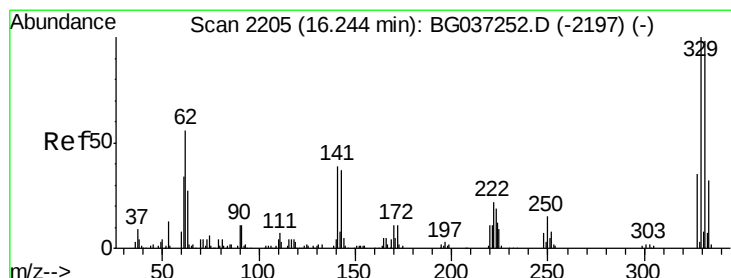
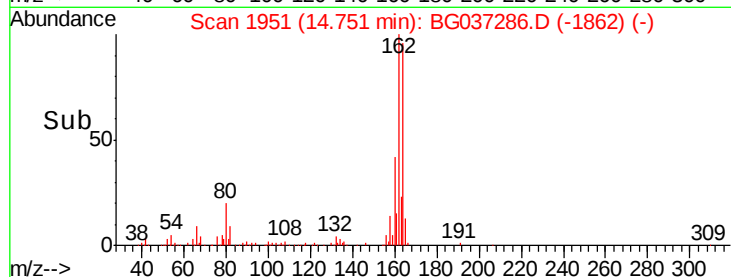
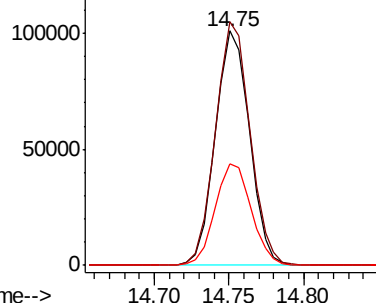


Abundance

Ion 164.00 (163.70 to 164.70): E

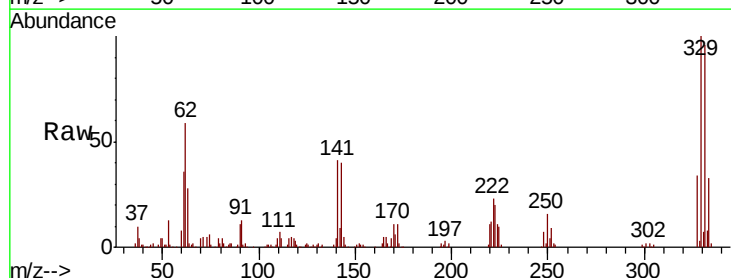
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 106.246 ng
RT: 16.24 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BG037286.D
Acq: 12 Oct 2018 11:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.4	117.6
141	40.7	32.2	48.2

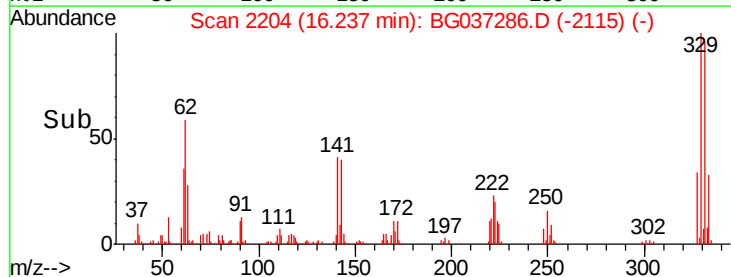
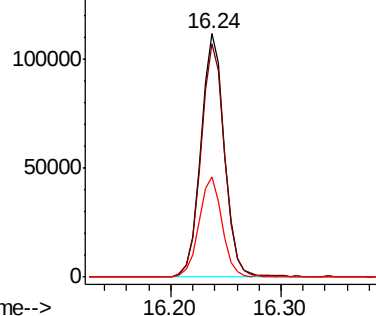


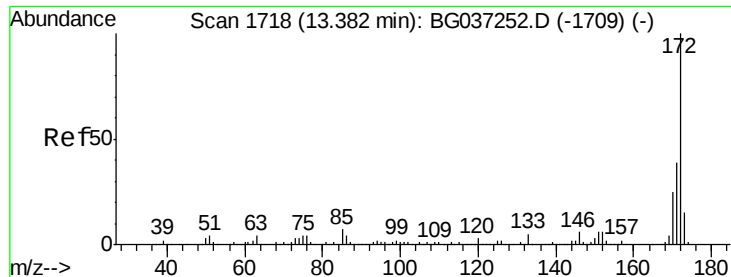
Abundance

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

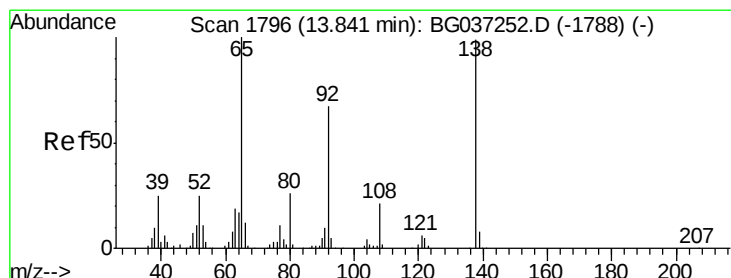
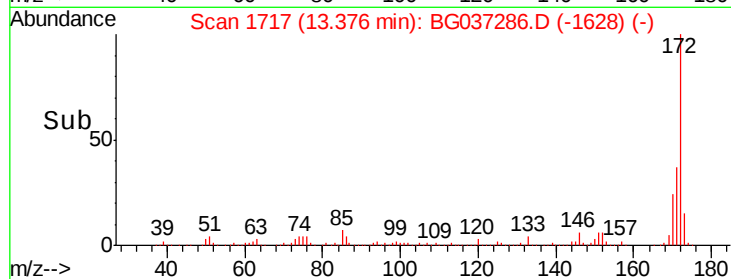
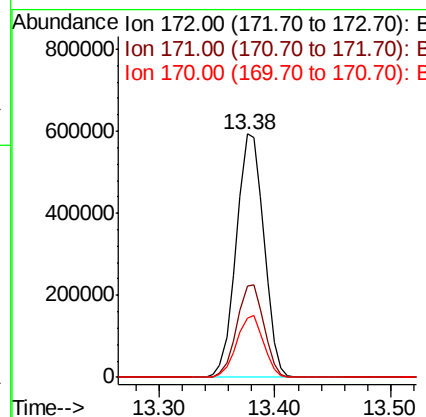
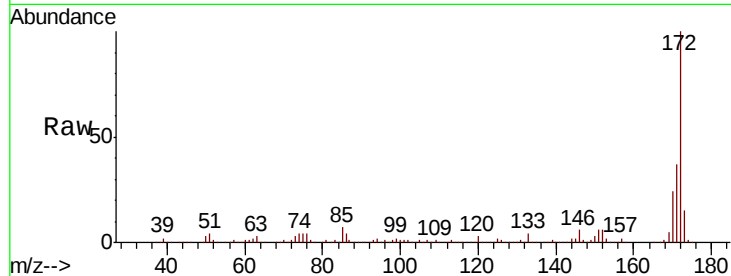




#45
 2-Fluorobiphenyl
 Concen: 92.417 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG037286.D
 Acq: 12 Oct 2018 11:01

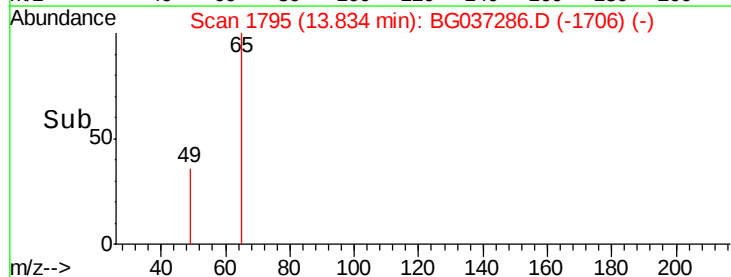
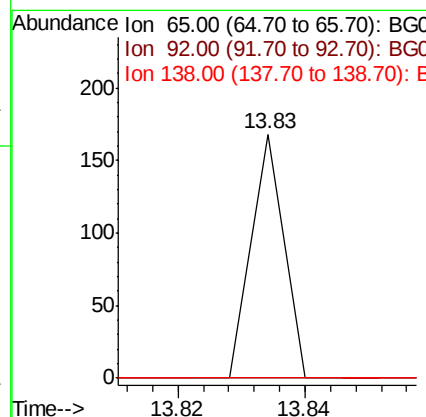
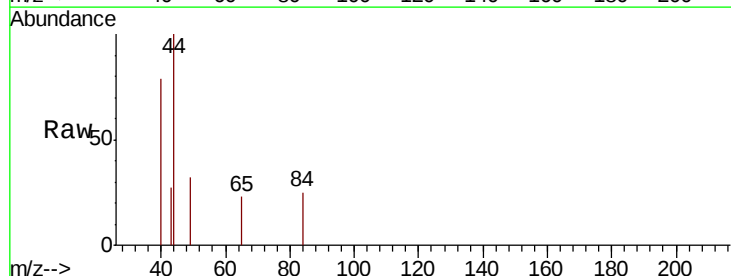
Instrument :
 BNA_G
 ClientSampled :

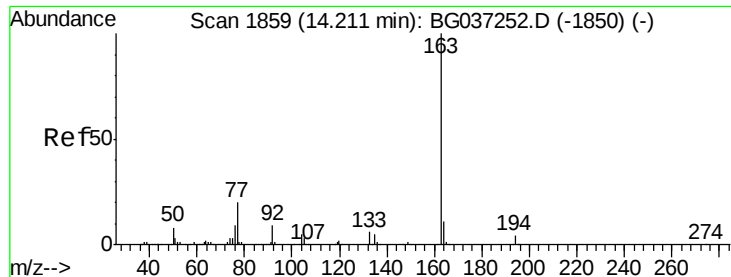
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.0	46.4
170	24.5	20.2	30.2



#48
 2-Nitroaniline
 Concen: 5.774 ng
 RT: 13.83 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG037286.D
 Acq: 12 Oct 2018 11:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	0.0	53.2	79.8#
138	0.0	79.3	118.9#





#50

Dimethylphthalate

Concen: 4.569 ng

RT: 14.20 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BG037286.D

Acq: 12 Oct 2018 11:01

Instrument :

BNA_G

ClientSampleId :

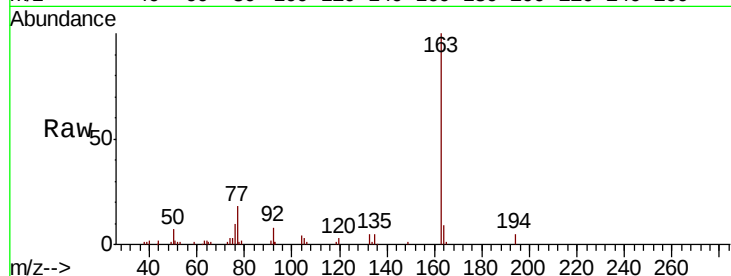
Tot Ion:163 Resp: 57361

Ion Ratio Lower Upper

163 100

194 5.1 3.5 5.3

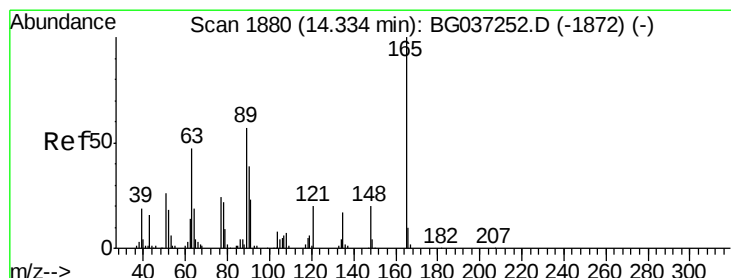
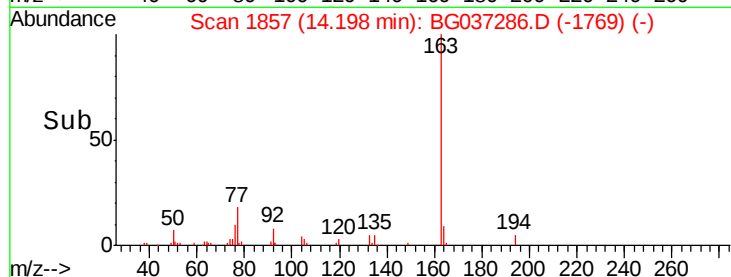
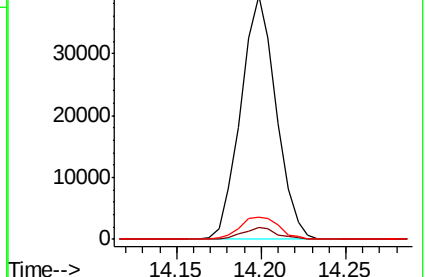
164 9.3 8.5 12.7



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



#51

2,6-Dinitrotoluene

Concen: 12.439 ng

RT: 14.75 min Scan# 1951

Delta R.T. 0.42 min

Lab File: BG037286.D

Acq: 12 Oct 2018 11:01

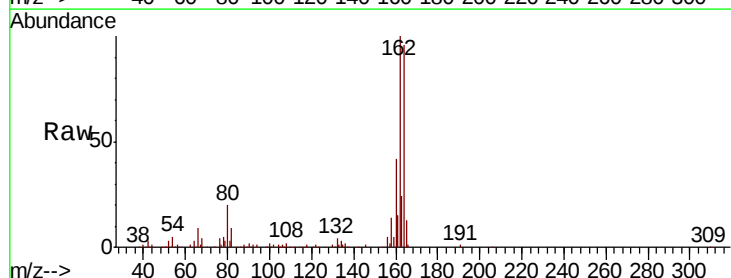
Tgt Ion:165 Resp: 20677

Ion Ratio Lower Upper

165 100

63 0.0 43.4 65.2#

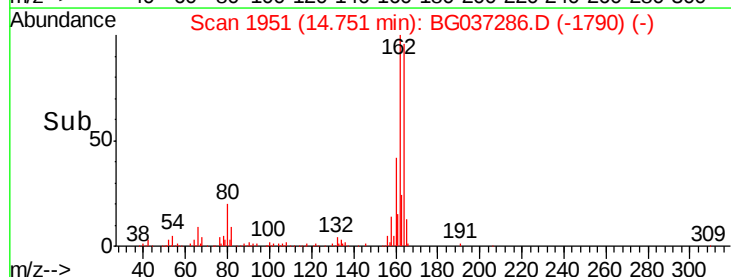
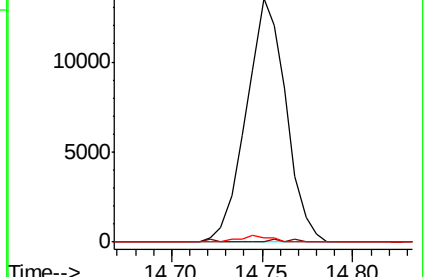
89 1.9 45.8 68.6#

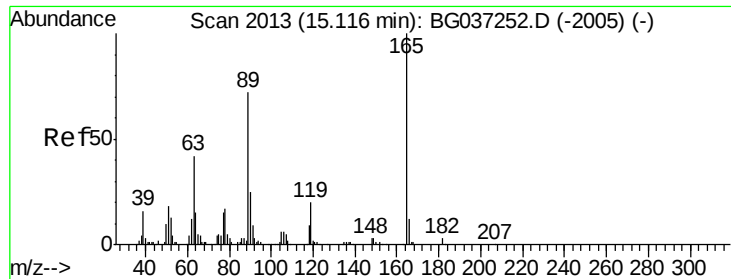


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

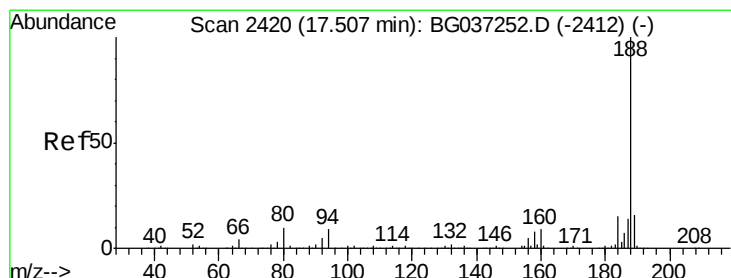
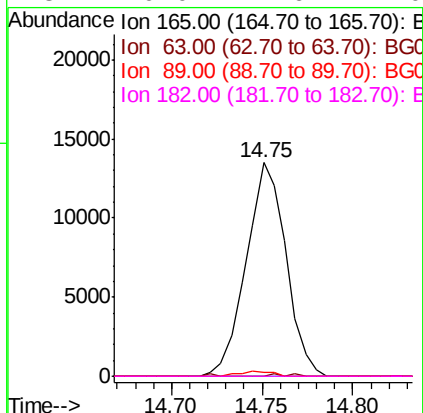
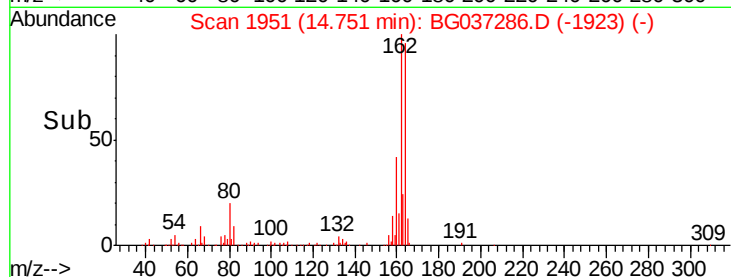
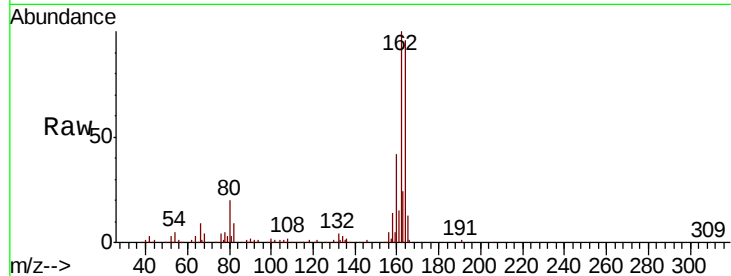




#57
2,4-Dinitrotoluene
Concen: 11.287 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.36 min
Lab File: BG037286.D
Acq: 12 Oct 2018 11:01

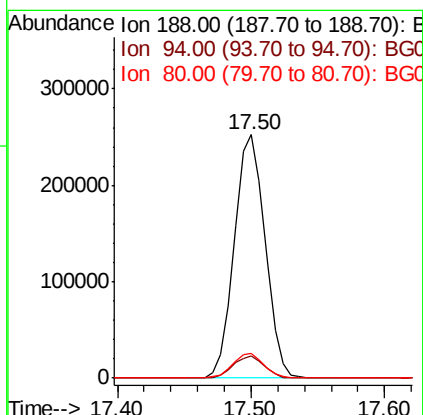
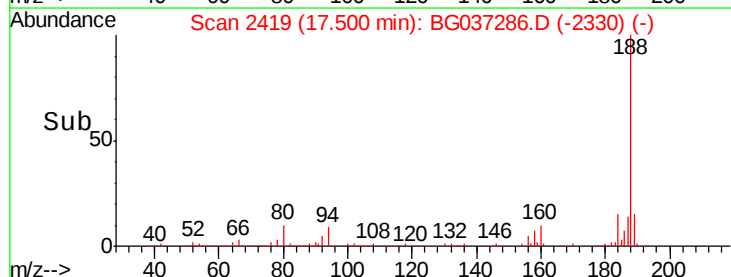
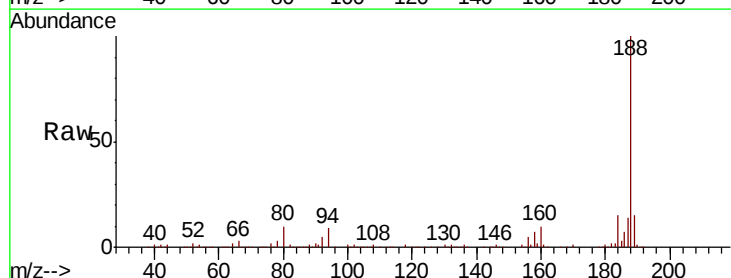
Instrument :
BNA_G
ClientSampleId :

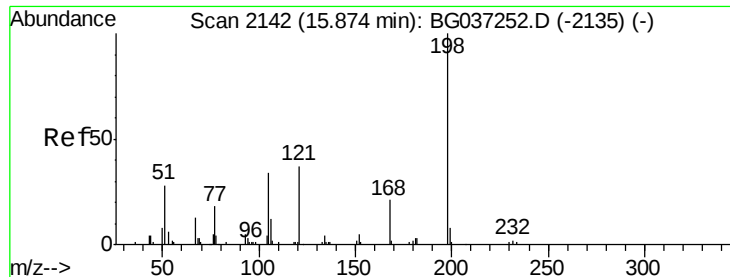
Tot Ion:165 Resp: 20677
Ion Ratio Lower Upper
165 100
63 0.0 33.4 50.0#
89 1.9 57.2 85.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG037286.D
Acq: 12 Oct 2018 11:01

Tgt Ion:188 Resp: 404388
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 10.0 7.7 11.5

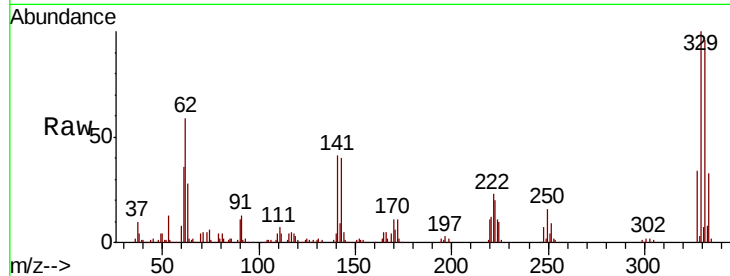




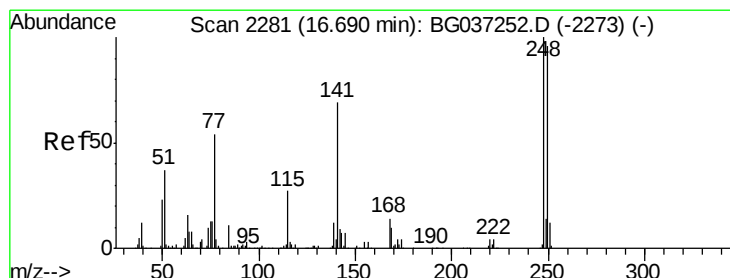
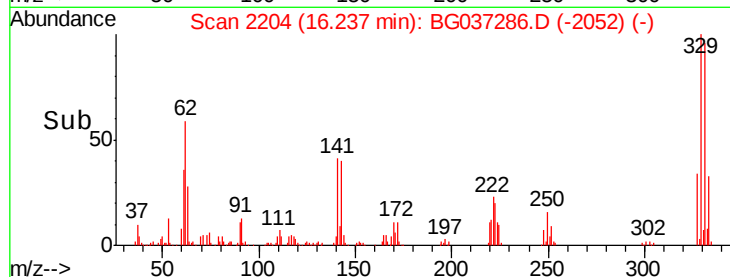
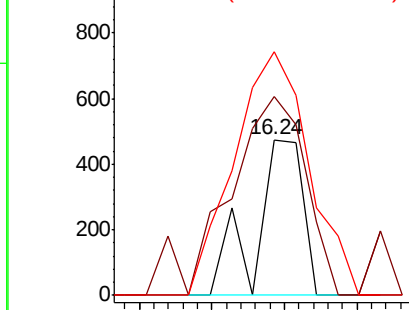
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.240 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.36 min
 Lab File: BG037286.D
 Acq: 12 Oct 2018 11:01

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 426
 Ion Ratio Lower Upper
 198 100
 51 128.0 22.7 62.7#
 105 156.2 19.7 59.7#

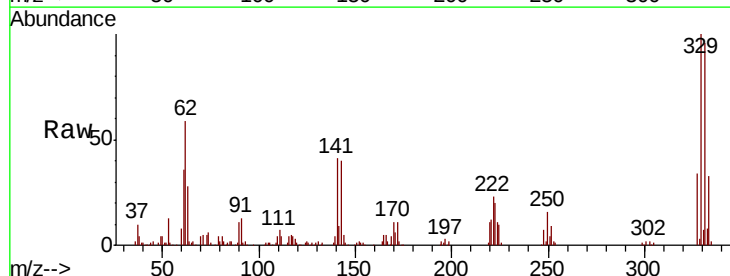


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

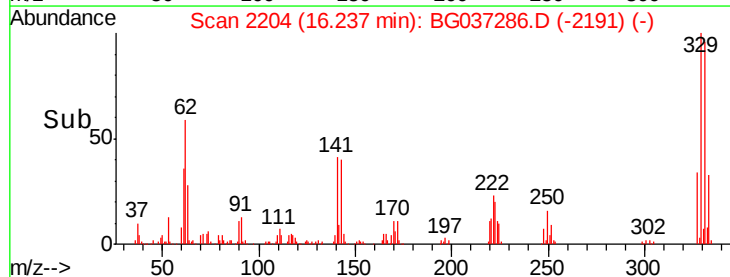
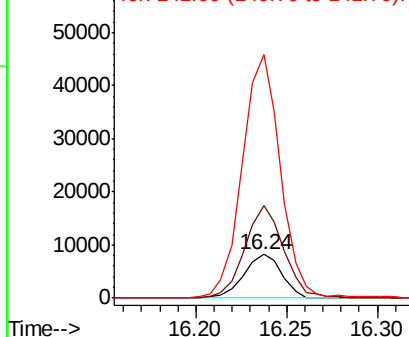


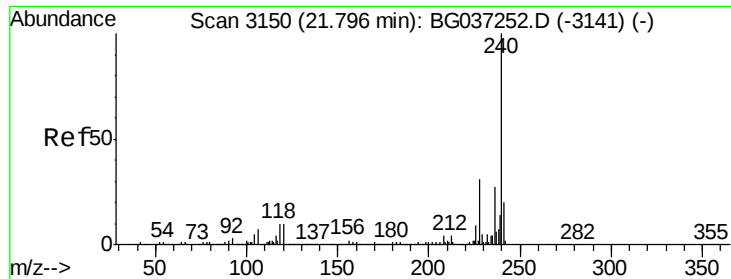
#67
 4-Bromophenyl-phenylether
 Concen: 2.731 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.45 min
 Lab File: BG037286.D
 Acq: 12 Oct 2018 11:01

Tgt Ion:248 Resp: 11920
 Ion Ratio Lower Upper
 248 100
 250 205.0 77.0 115.6#
 141 427.6 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

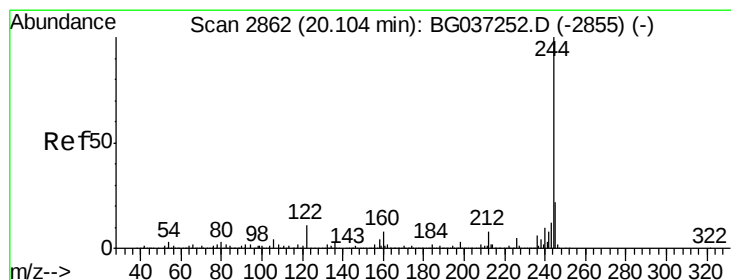
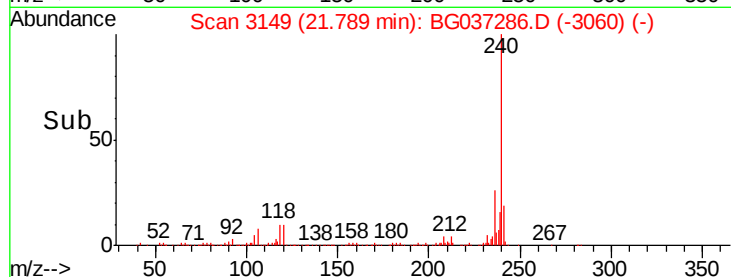
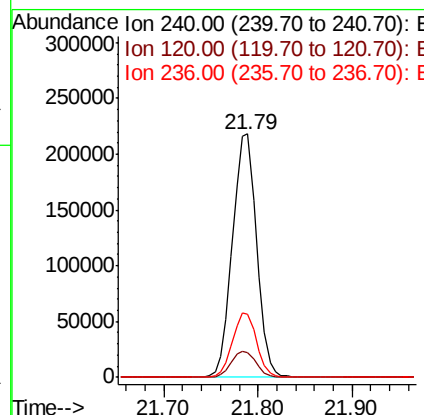
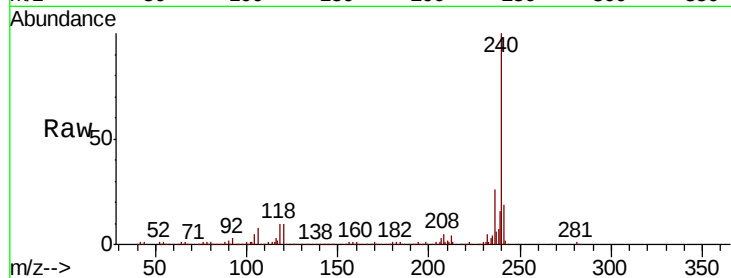




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.79 min Scan# 3149
 Delta R.T. -0.01 min
 Lab File: BG037286.D
 Acq: 12 Oct 2018 11:01

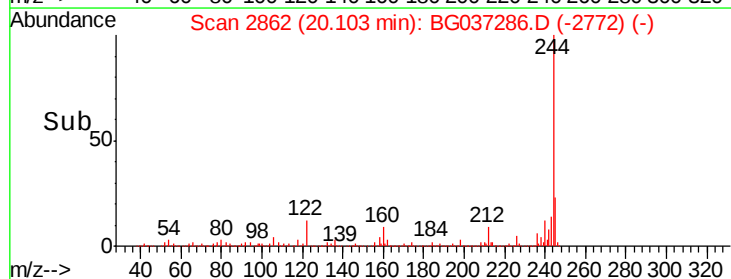
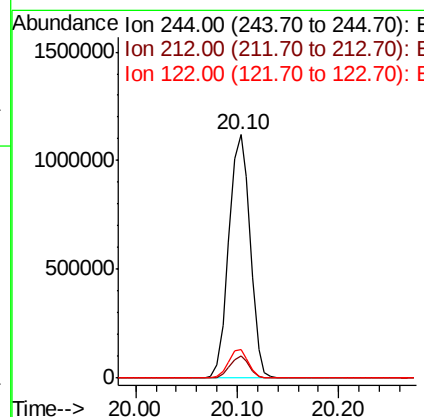
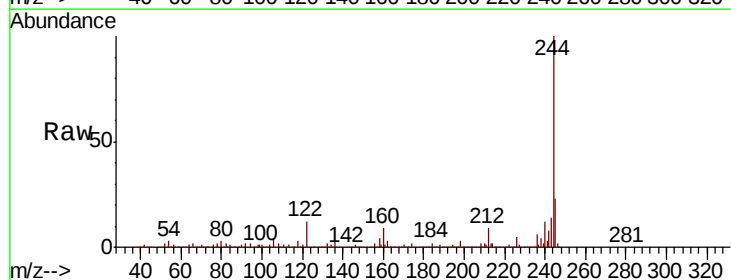
Instrument :
 BNA_G
 ClientSampled :

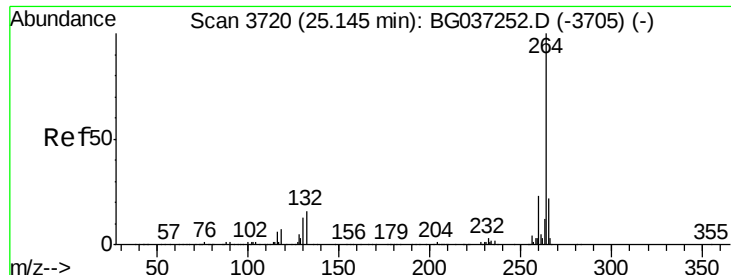
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.1	12.1
236	26.0	21.4	32.0



#79
 Terphenyl-d14
 Concen: 87.683 ng
 RT: 20.10 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: BG037286.D
 Acq: 12 Oct 2018 11:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.5	9.7
122	11.6	9.0	13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.14 min Scan# 3719
Delta R.T. -0.01 min
Lab File: BG037286.D
Acq: 12 Oct 2018 11:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.2	27.4
265	22.5	17.9	26.9

