

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
 Data File : BG037735.D
 Acq On : 2 Nov 2018 1:41
 Operator : JU/SJ
 Sample : PB114375BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 02 07:14:40 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

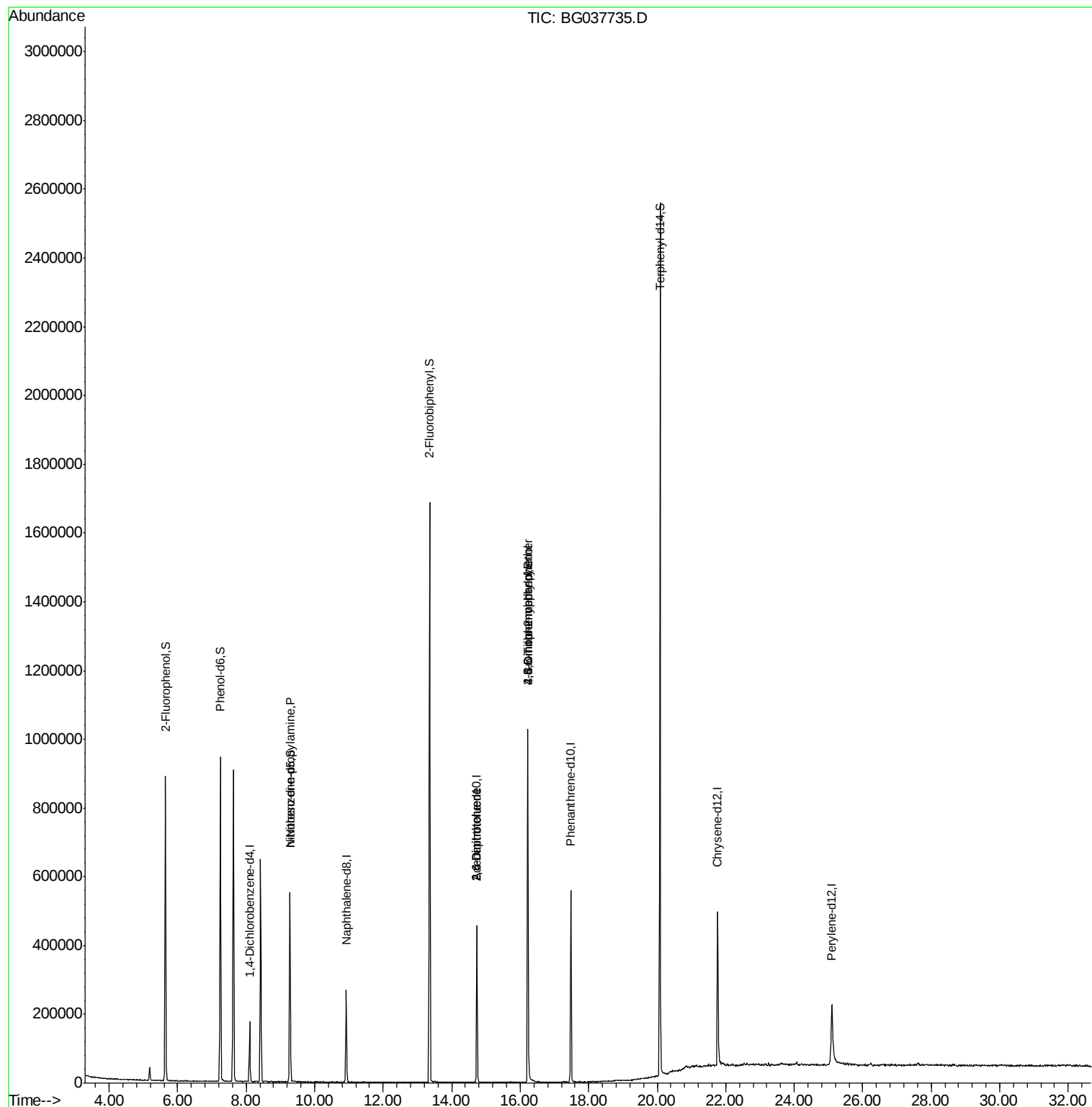
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	52897	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	244467	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	161194	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	358990	20.00	ng	0.00
76) Chrysene-d12	21.76	240	312323	20.00	ng	-0.01
87) Perylene-d12	25.11	264	282910	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	401527	126.91	ng	0.00
7) Phenol-d6	7.24	99	591826	123.70	ng	0.00
23) Nitrobenzene-d5	9.28	82	355134	81.38	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	206019	117.18	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	917423	85.82	ng	-0.01
79) Terphenyl-d14	20.08	244	1257602	86.04	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	44928	13.637	ng	# 71
51) 2,6-Dinitrotoluene	14.73	165	20749	7.521	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	20749	5.730	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.22	198	574	8.758	ng	82
67) 4-Bromophenyl-phenylether	16.22	248	13951	3.539	ng	# 1

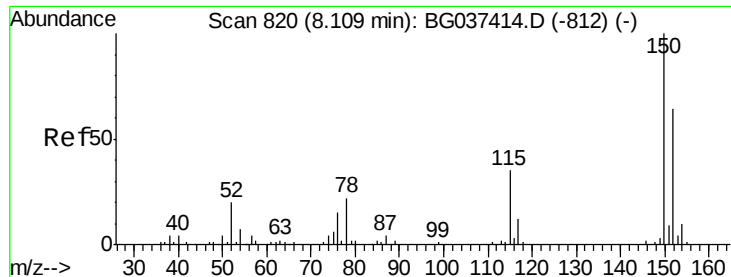
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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ClientSampleId :

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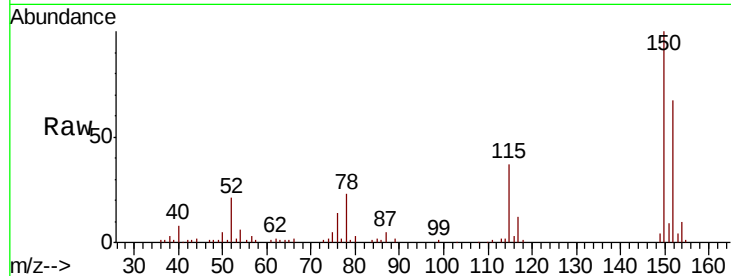


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037735.D
Acq: 2 Nov 2018 1:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.6	126.0	189.0
115	55.4	45.5	68.3

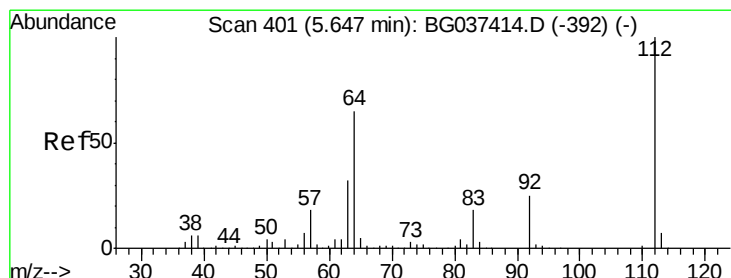
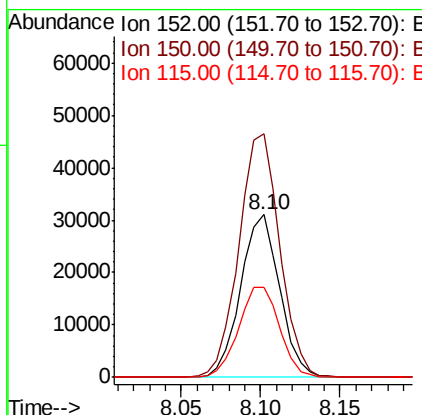
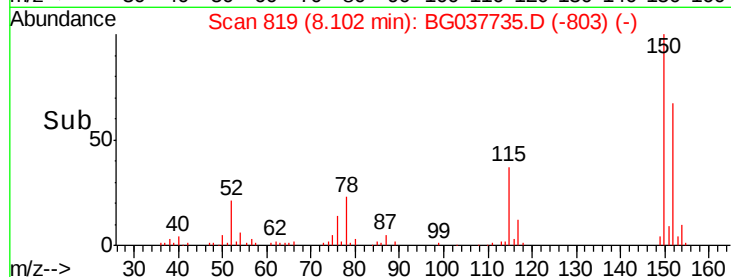


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

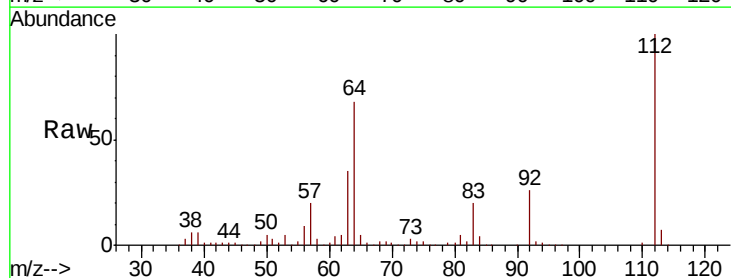
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 126.906 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037735.D
Acq: 2 Nov 2018 1:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.5	53.1	79.7
63	34.6	27.3	40.9

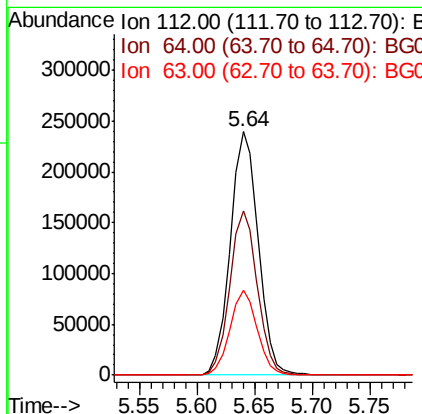
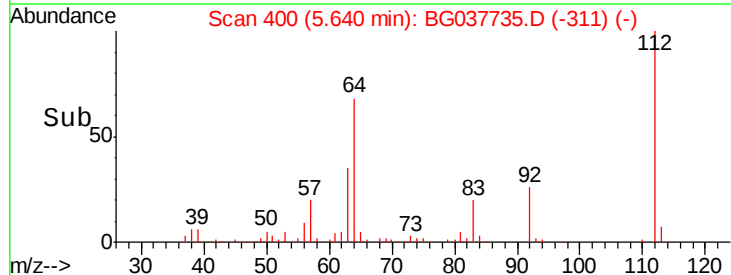


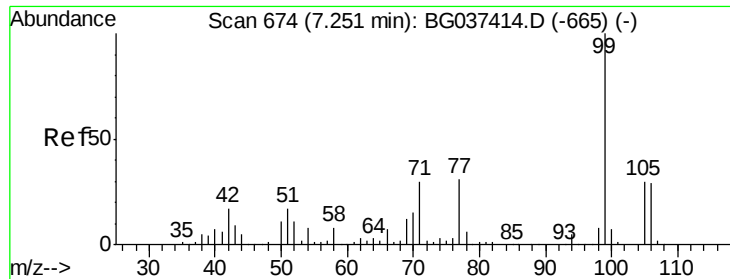
Abundance

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: 123.701 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037735.D

Acq: 2 Nov 2018 1:41

Instrument :

BNA_G

ClientSampleId :

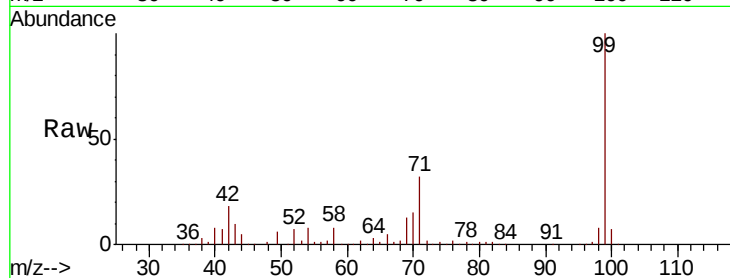
Tot Ion: 99 Resp: 591826

Ion Ratio Lower Upper

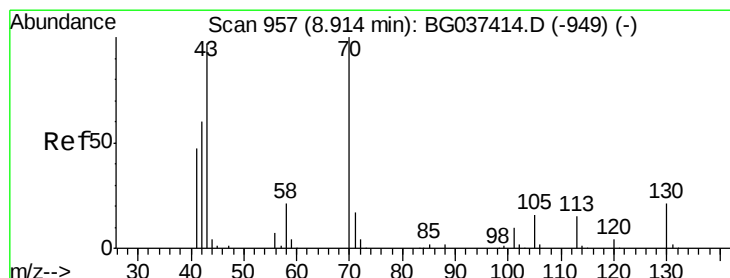
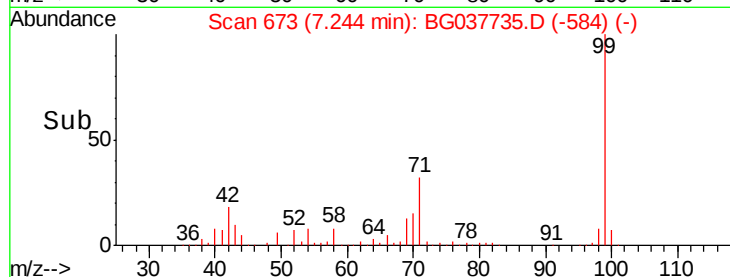
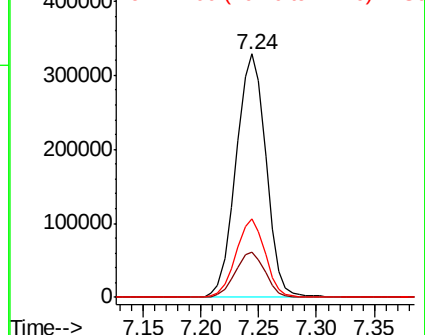
99 100

42 18.5 15.0 22.4

71 32.4 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: 13.637 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037735.D

Acq: 2 Nov 2018 1:41

Tgt Ion: 70 Resp: 44928

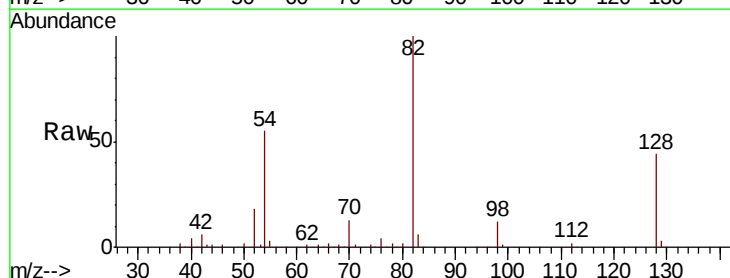
Ion Ratio Lower Upper

70 100

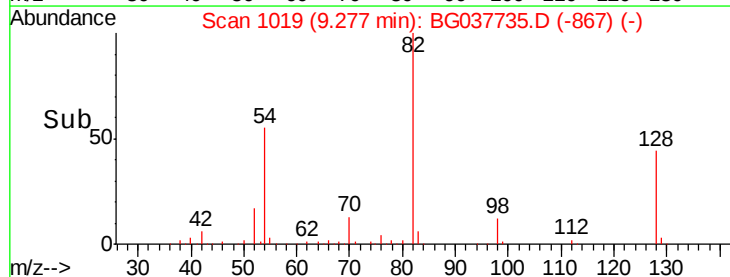
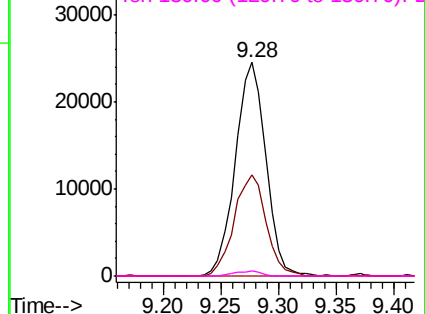
42 47.4 53.9 80.9#

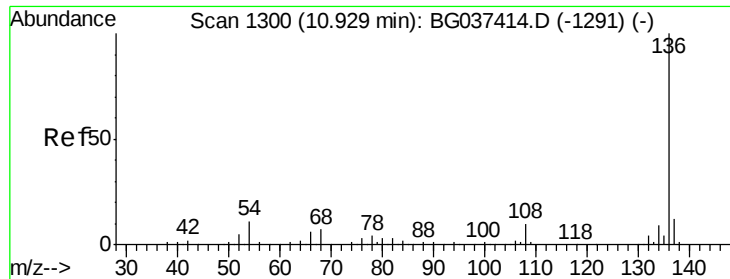
101 0.0 8.2 12.2#

130 2.2 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

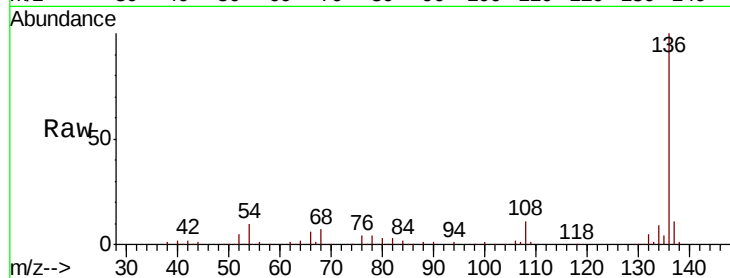




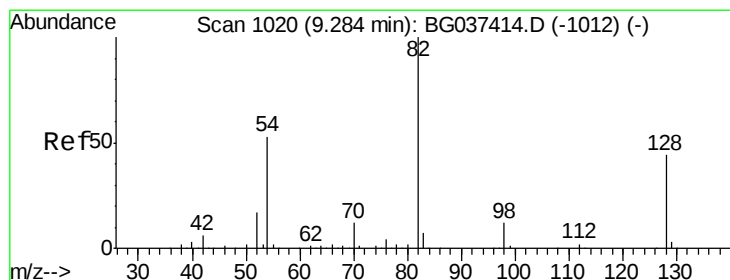
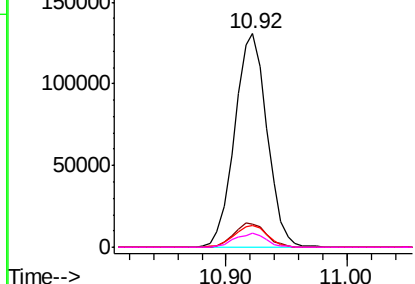
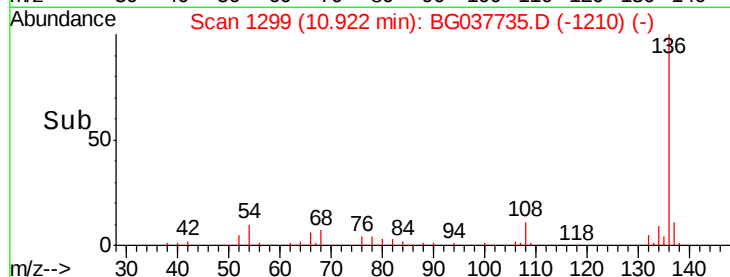
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037735.D
Acq: 2 Nov 2018 1:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	244467
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.6 14.4
54	10.2	7.9 11.9
68	6.8	4.8 7.2

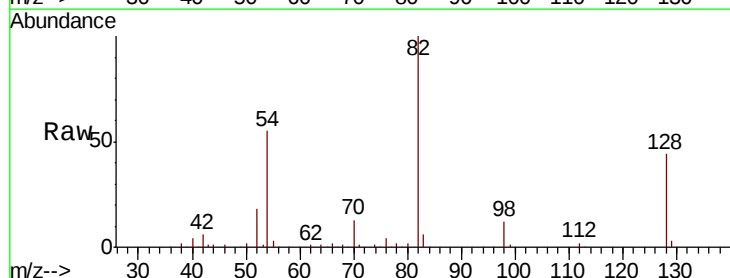


Abundance Ion 136.00 (135.70 to 136.70): E
200000 Ion 137.00 (136.70 to 137.70): E
150000 Ion 54.00 (53.70 to 54.70): BG
100000 Ion 68.00 (67.70 to 68.70): BG
50000
0

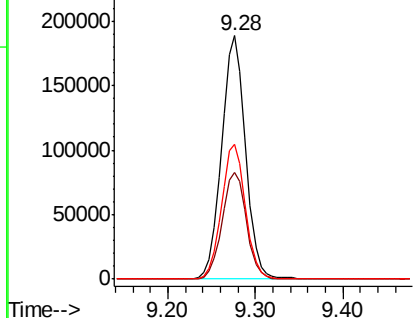
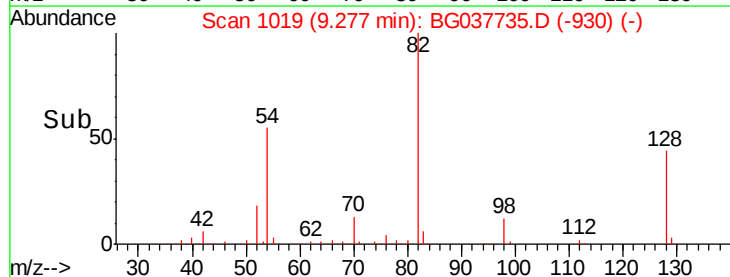


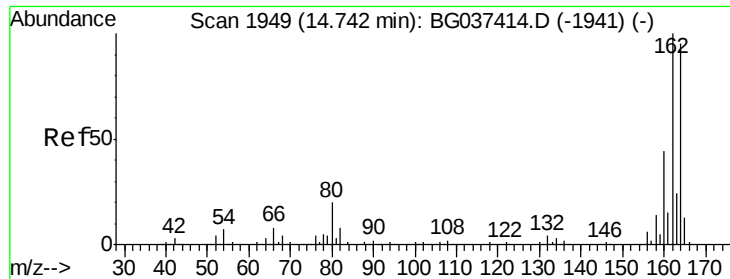
#23
Nitrobenzene-d5
Concen: 81.378 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037735.D
Acq: 2 Nov 2018 1:41

Tgt Ion: 82	Resp:	355134
Ion	Ratio	Lower Upper
82	100	
128	44.0	34.6 51.8
54	55.2	45.3 67.9



Abundance Ion 82.00 (81.70 to 82.70): BG
250000 Ion 128.00 (127.70 to 128.70): E
200000 Ion 54.00 (53.70 to 54.70): BG
150000
100000
50000
0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037735.D

Acq: 2 Nov 2018 1:41

Instrument :

BNA_G

ClientSampleId :

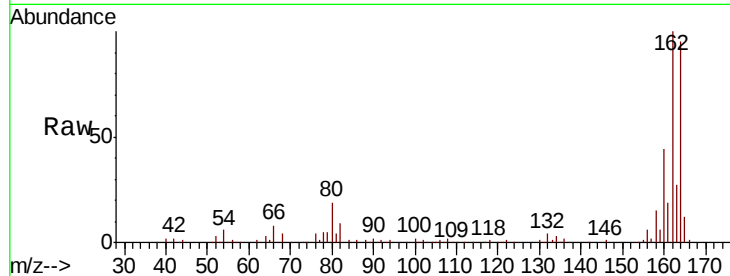
Tot Ion:164 Resp: 161194

Ion Ratio Lower Upper

164 100

162 104.8 81.3 121.9

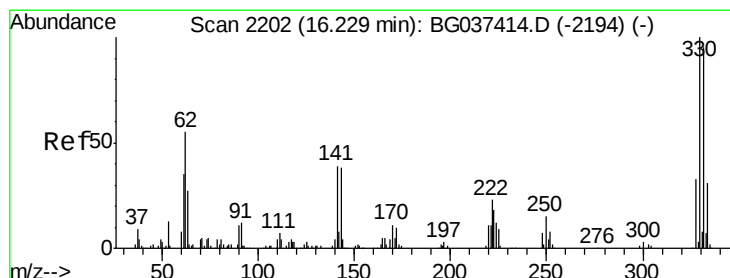
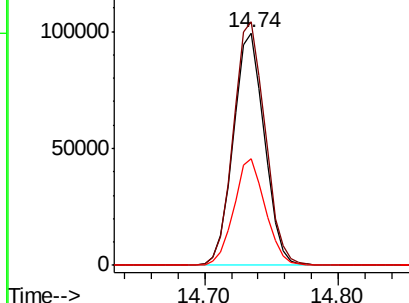
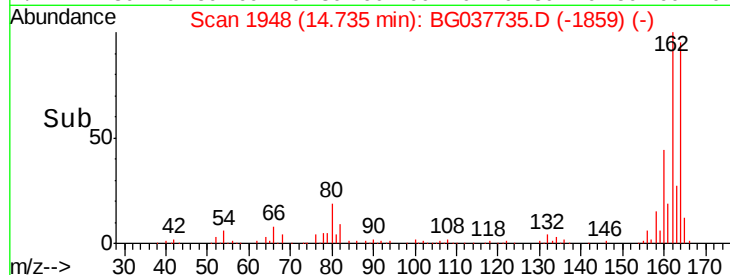
160 45.7 36.3 54.5



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: 117.181 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037735.D

Acq: 2 Nov 2018 1:41

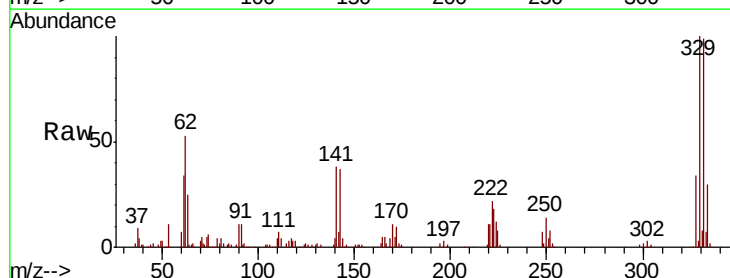
Tgt Ion:330 Resp: 206019

Ion Ratio Lower Upper

330 100

332 97.2 78.4 117.6

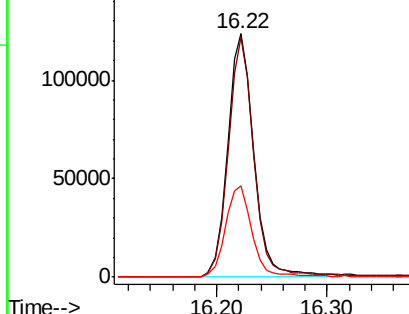
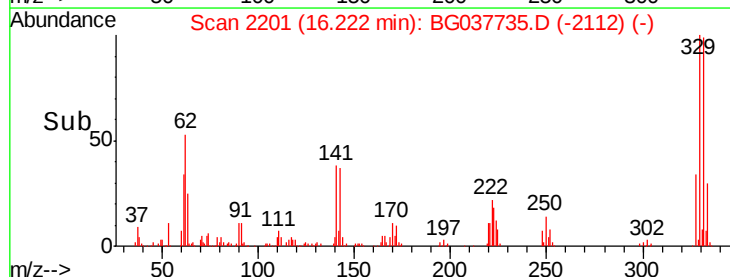
141 38.2 32.2 48.2

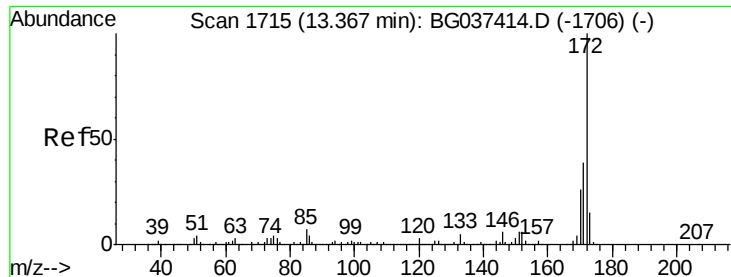


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

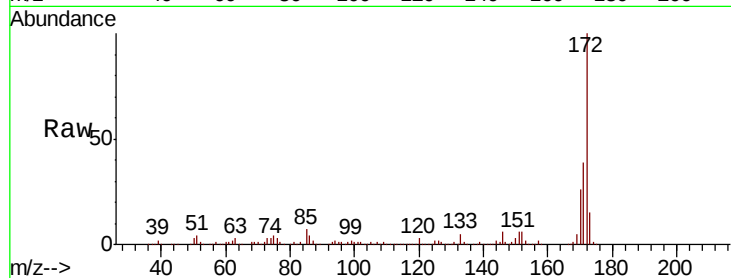




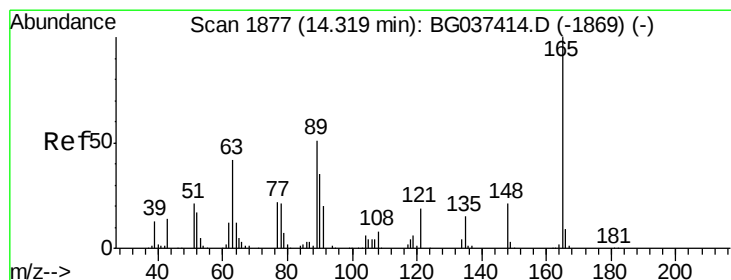
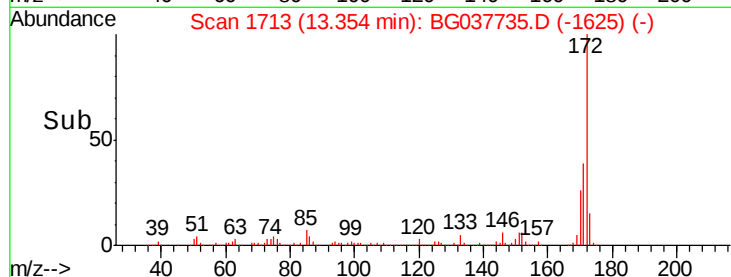
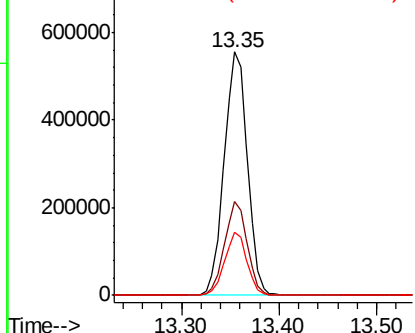
#45
2-Fluorobiphenyl
Concen: 85.823 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037735.D
Acq: 2 Nov 2018 1:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.0	46.4
170	26.0	20.2	30.2

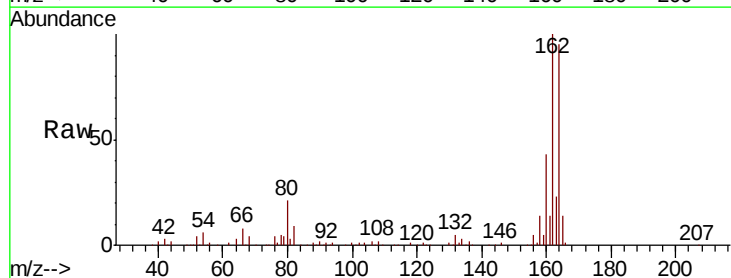


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

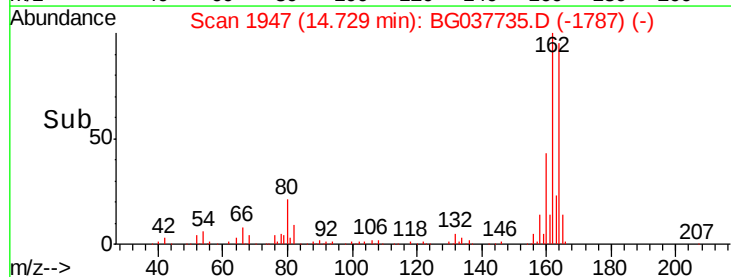
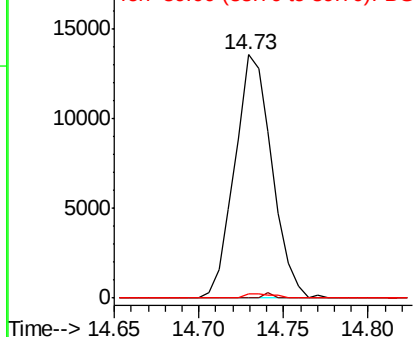


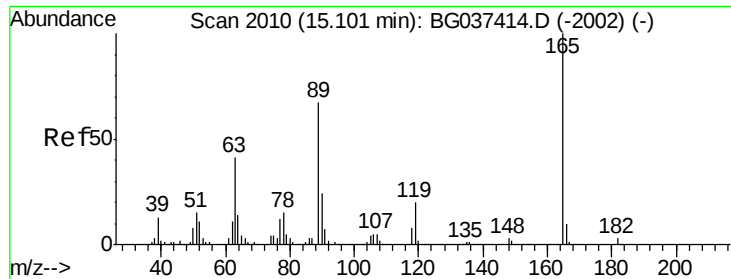
#51
2,6-Dinitrotoluene
Concen: 7.521 ng
RT: 14.73 min Scan# 1947
Delta R.T. 0.41 min
Lab File: BG037735.D
Acq: 2 Nov 2018 1:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	1.7	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

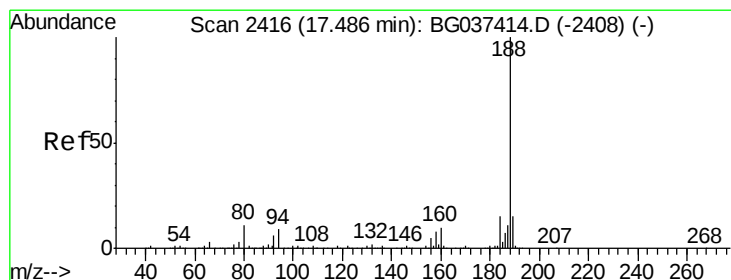
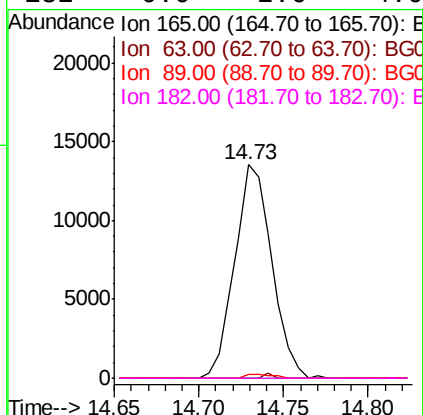
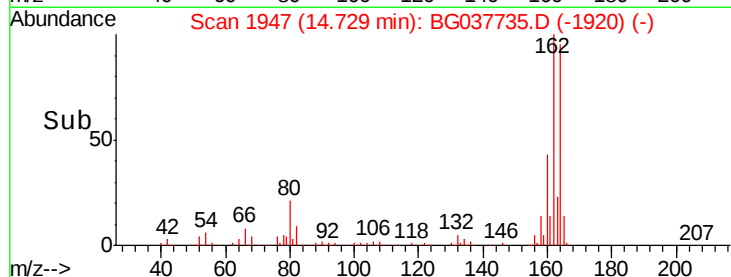
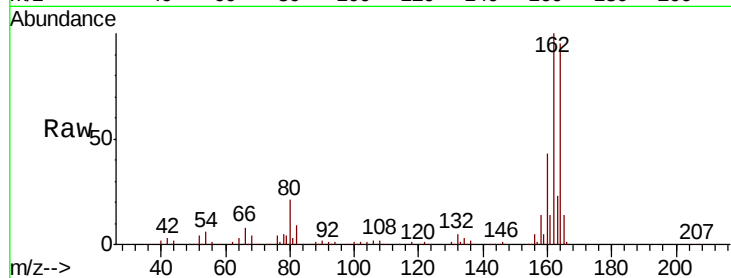




#57
 2,4-Dinitrotoluene
 Concen: 5.730 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037735.D
 Acq: 2 Nov 2018 1:41

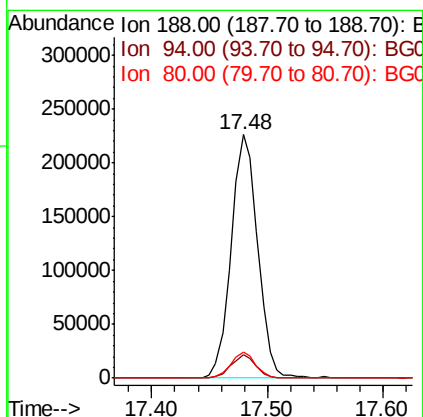
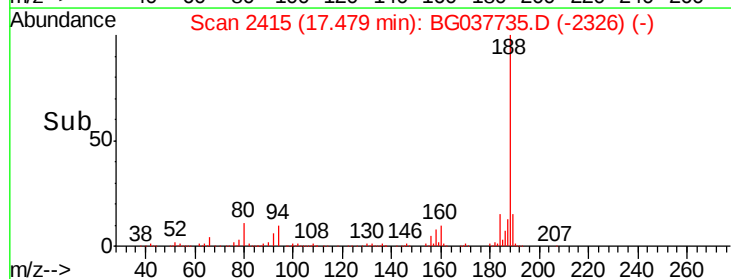
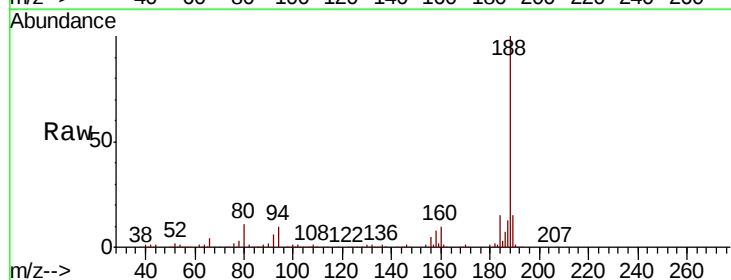
Instrument :
 BNA_G
 ClientSampleId :

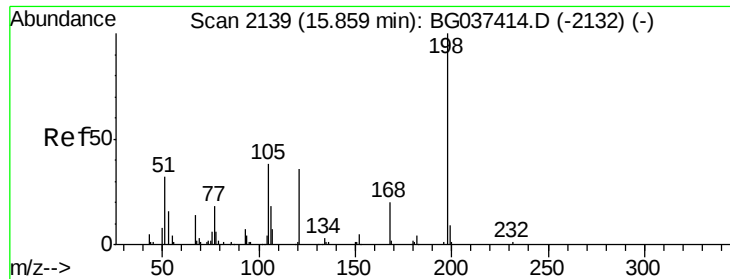
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	1.7	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037735.D
 Acq: 2 Nov 2018 1:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.2	10.8
80	10.8	7.7	11.5

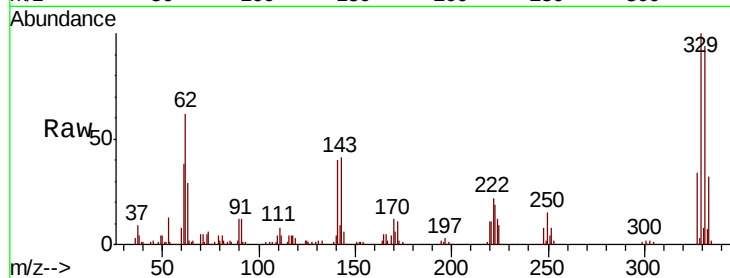




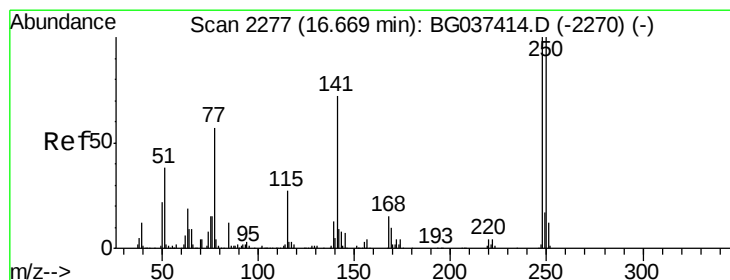
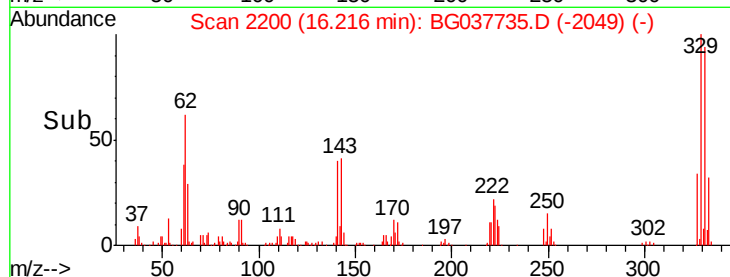
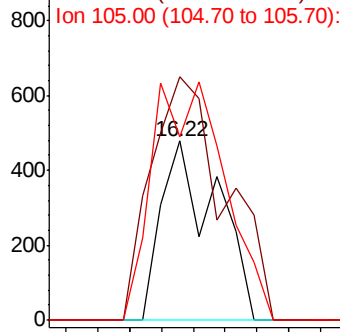
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.758 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. 0.36 min
 Lab File: BG037735.D
 Acq: 2 Nov 2018 1:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 574
 Ion Ratio Lower Upper
 198 100
 51 33.9 22.7 62.7
 105 25.4 19.7 59.7

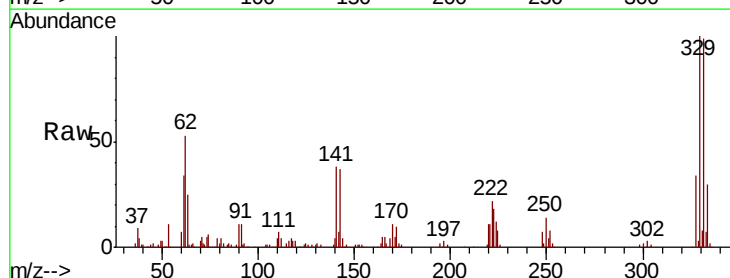


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

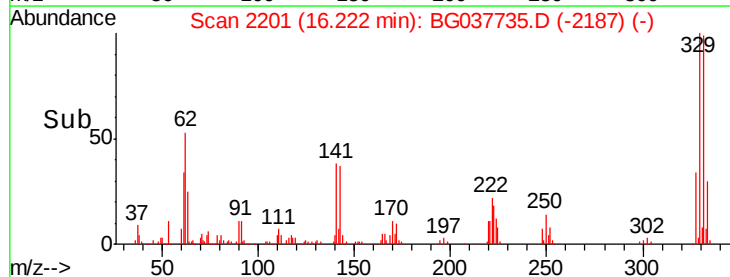
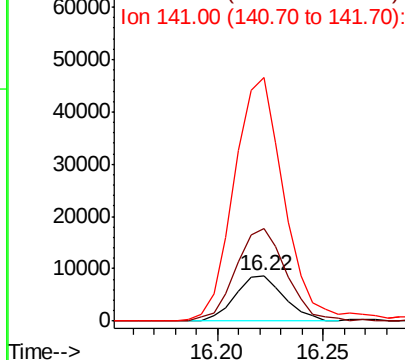


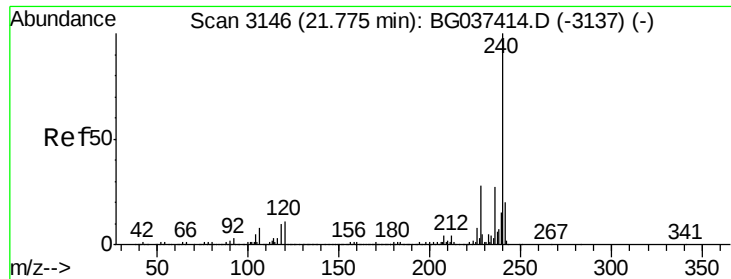
#67
 4-Bromophenyl-phenylether
 Concen: 3.539 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037735.D
 Acq: 2 Nov 2018 1:41

Tgt Ion:248 Resp: 13951
 Ion Ratio Lower Upper
 248 100
 250 195.7 77.0 115.6#
 141 395.0 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

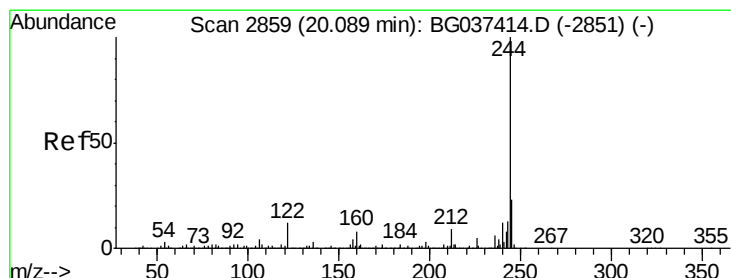
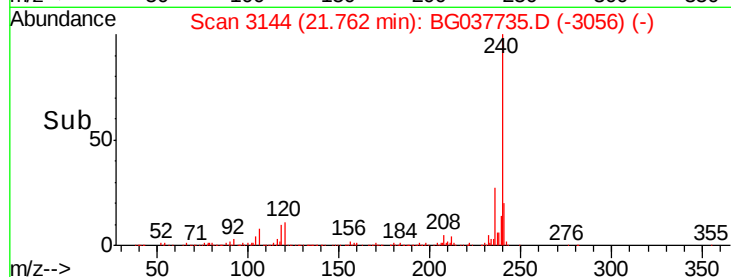
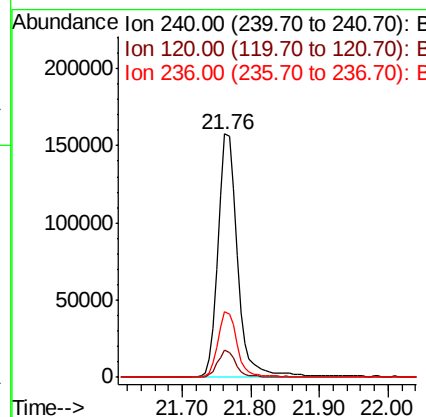
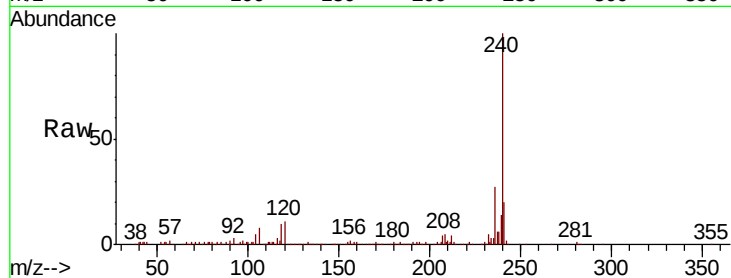




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG037735.D
 Acq: 2 Nov 2018 1:41

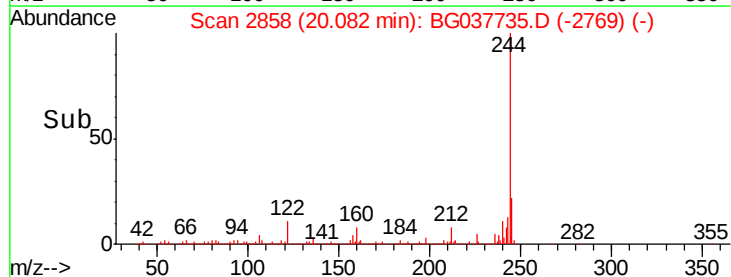
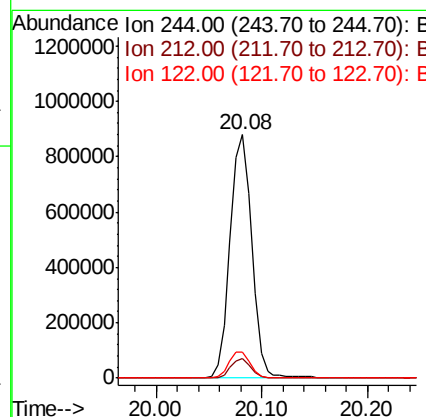
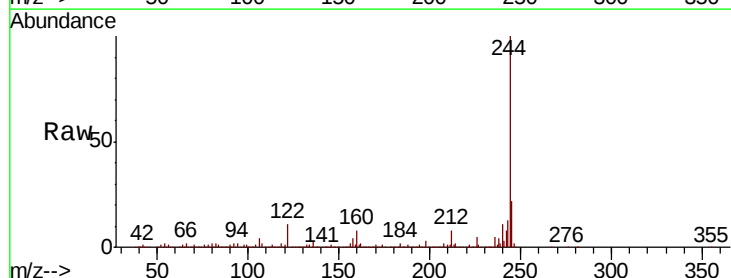
Instrument :
 BNA_G
 ClientSampleId :

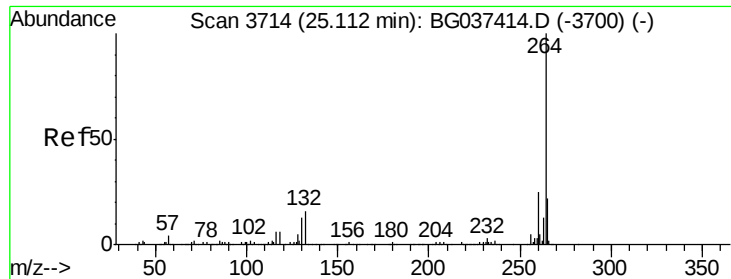
Tot Ion:240 Resp: 312323
 Ion Ratio Lower Upper
 240 100
 120 11.0 8.1 12.1
 236 27.0 21.4 32.0



#79
 Terphenyl-d14
 Concen: 86.039 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037735.D
 Acq: 2 Nov 2018 1:41

Tgt Ion:244 Resp: 1257602
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 10.7 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037735.D
Acq: 2 Nov 2018 1:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.5	18.2	27.4
265	19.6	17.9	26.9

