

Data File : BG037791.D
Acq On : 3 Nov 2018 14:57
Operator : JU/SJ
Sample : PB114440BL
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB114440BL

Quant Time: Nov 05 03:57:35 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

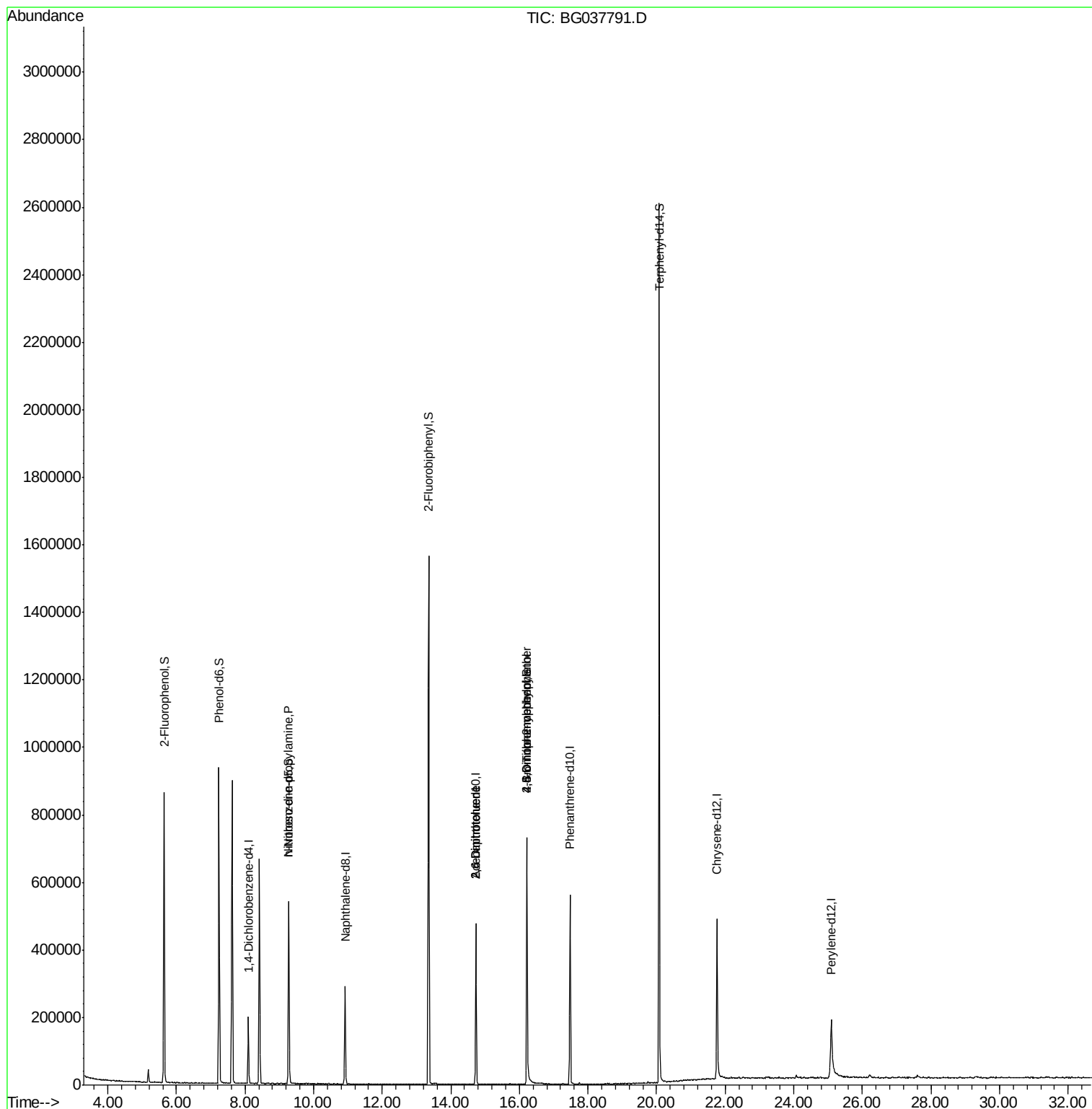
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	57759	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	261792	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	173693	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	381892	20.00	ng	0.00
76) Chrysene-d12	21.76	240	348449	20.00	ng	-0.01
87) Perylene-d12	25.09	264	268373	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	412619	119.43	ng	0.00
7) Phenol-d6	7.24	99	600462	114.94	ng	-0.01
23) Nitrobenzene-d5	9.27	82	353175	75.57	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	153990	81.28	ng	-0.01
45) 2-Fluorobiphenyl	13.36	172	899055	78.05	ng	-0.01
79) Terphenyl-d14	20.08	244	1258838	77.19	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	44725	12.433	ng	# 73
51) 2,6-Dinitrotoluene	14.73	165	22824	7.678	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	22824	5.849	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.22	198	354	8.653	ng	# 73
67) 4-Bromophenyl-phenylether	16.22	248	11532	2.750	ng	# 1

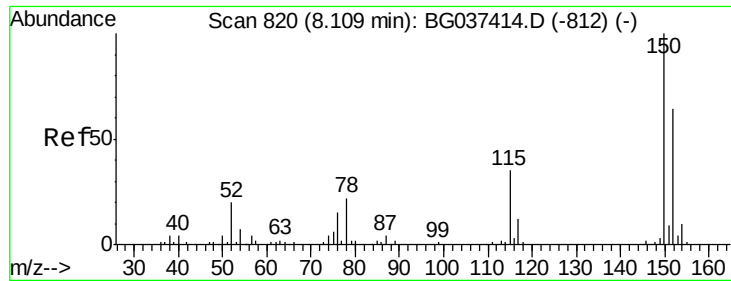
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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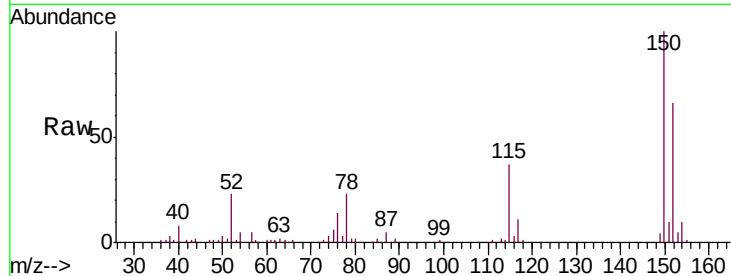




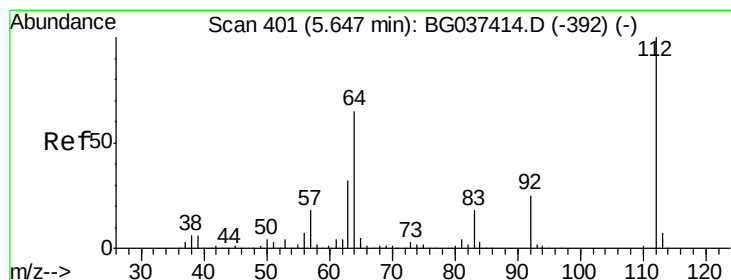
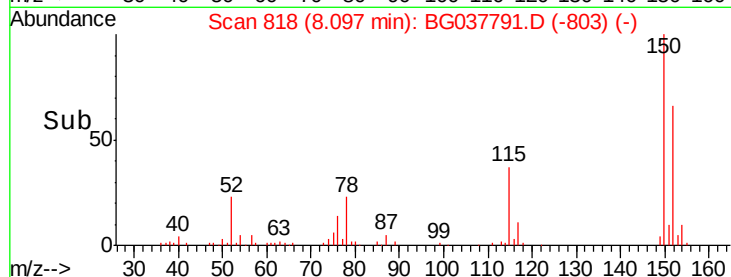
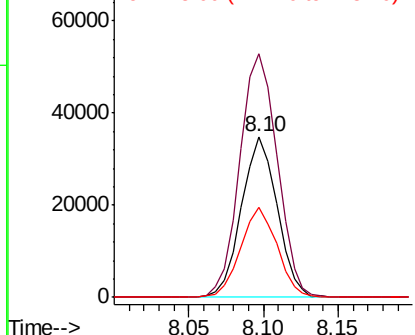
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG037791.D
 Acq: 3 Nov 2018 14:57

Instrument :
 BNA_G
 ClientSampleId :
 PB114440BL

Tgt Ion:152 Resp: 57759
 Ion Ratio Lower Upper
 152 100
 150 151.7 126.0 189.0
 115 56.2 45.5 68.3

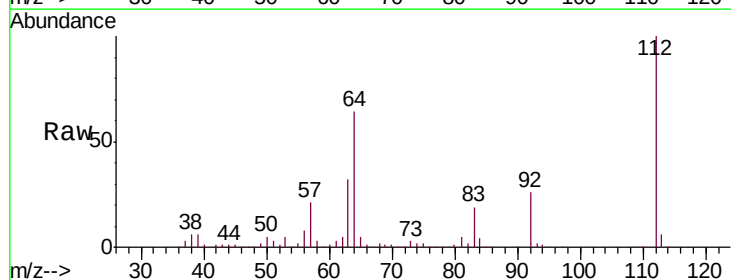


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

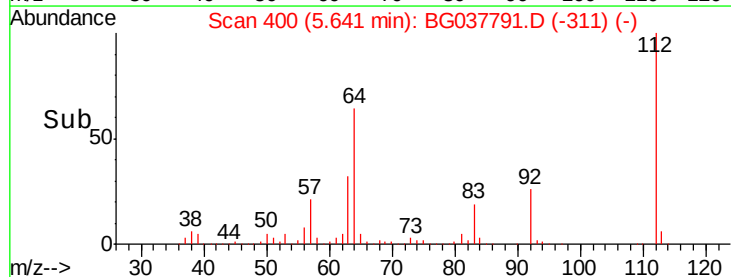
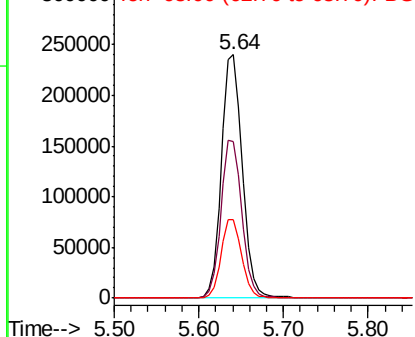


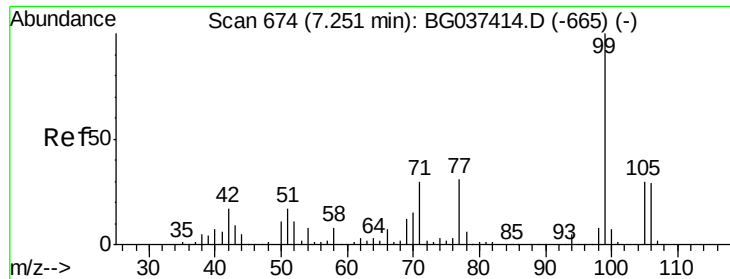
#5
 2-Fluorophenol
 Concen: 119.434 ng
 RT: 5.64 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BG037791.D
 Acq: 3 Nov 2018 14:57

Tgt Ion:112 Resp: 412619
 Ion Ratio Lower Upper
 112 100
 64 64.3 53.1 79.7
 63 32.3 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: 114.941 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037791.D

Acq: 3 Nov 2018 14:57

Instrument :

BNA_G

ClientSampleId :

PB114440BL

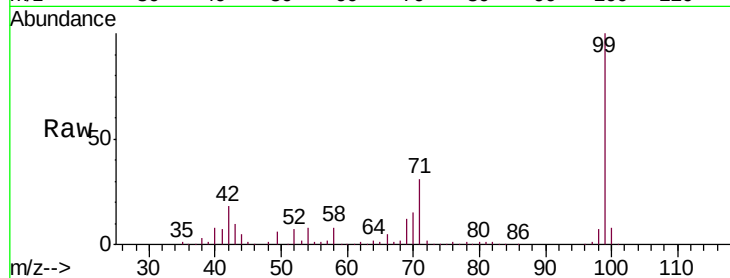
Tgt Ion: 99 Resp: 600462

Ion Ratio Lower Upper

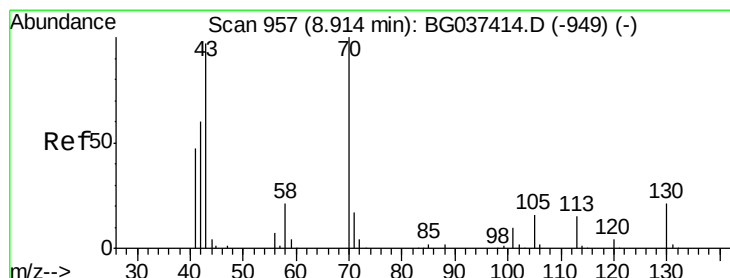
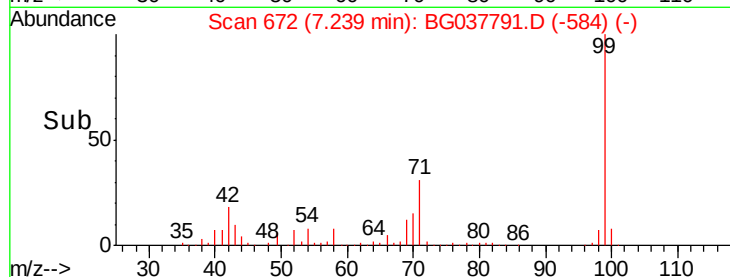
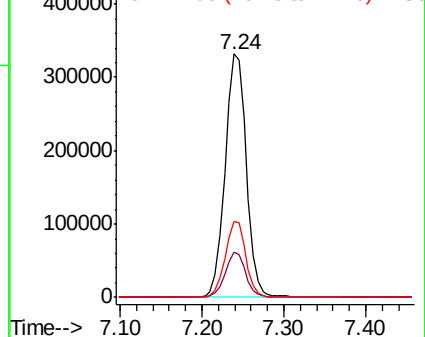
99 100

42 18.4 15.0 22.4

71 31.3 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: 12.433 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.36 min

Lab File: BG037791.D

Acq: 3 Nov 2018 14:57

Tgt Ion: 70 Resp: 44725

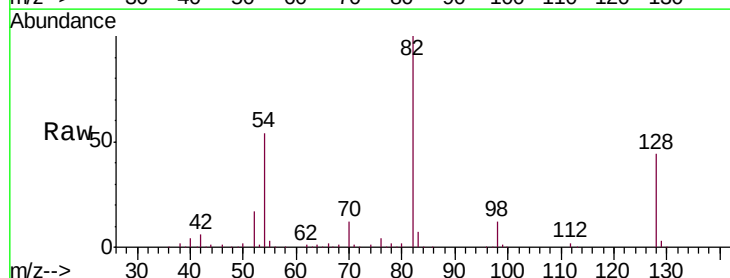
Ion Ratio Lower Upper

70 100

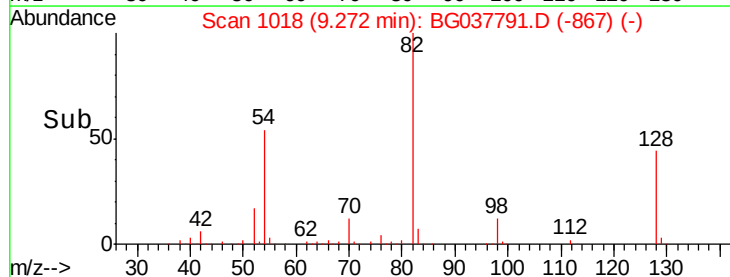
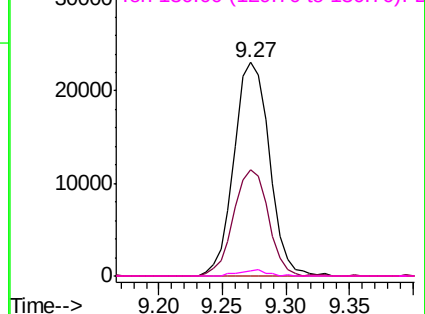
42 50.0 53.9 80.9#

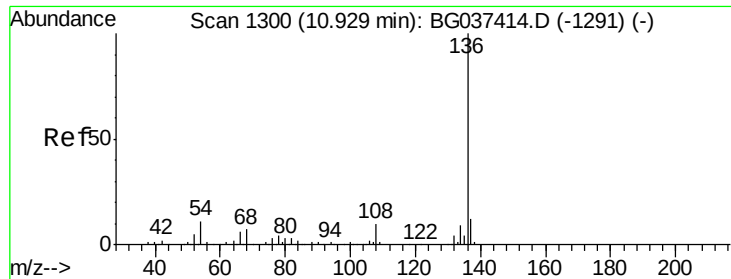
101 0.0 8.2 12.2#

130 2.4 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

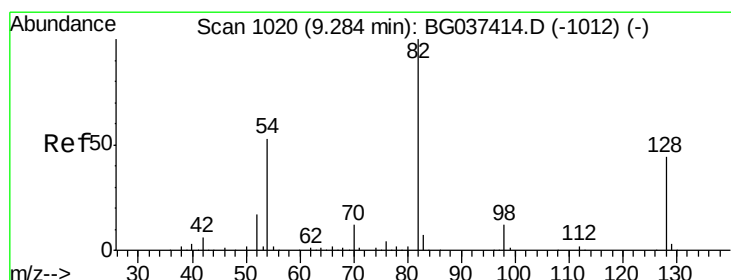
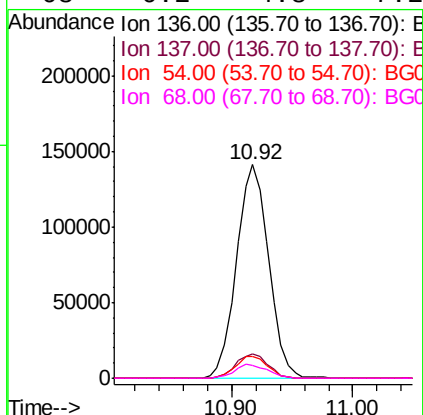
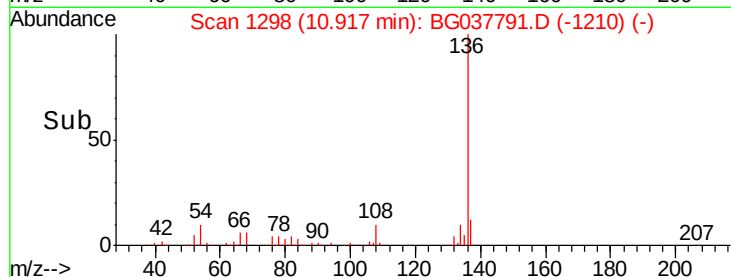
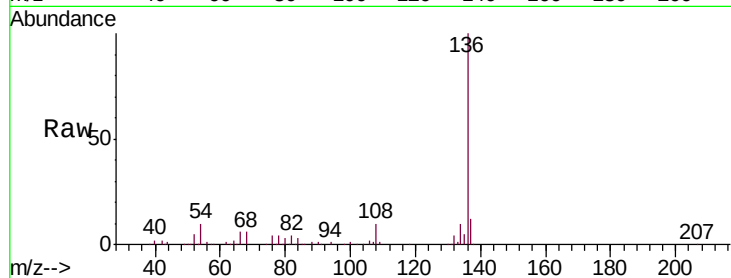




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037791.D
Acq: 3 Nov 2018 14:57

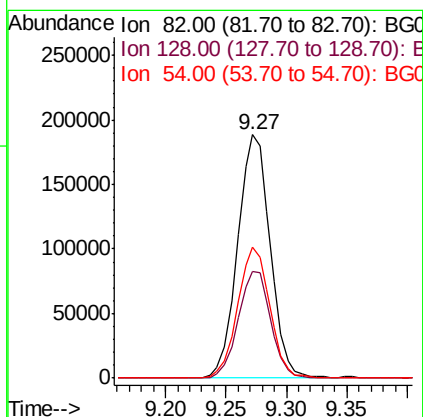
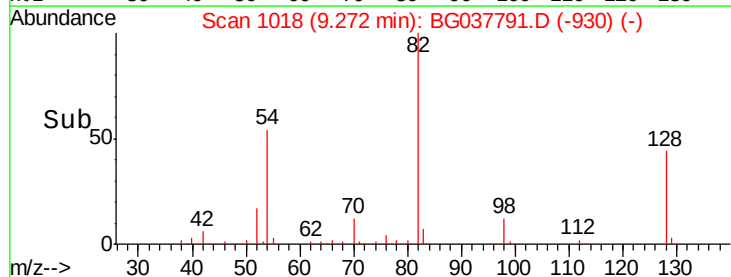
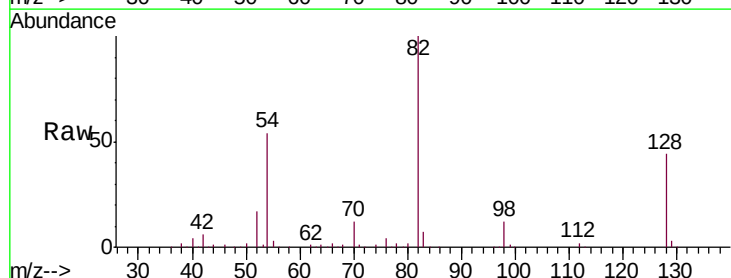
Instrument :
BNA_G
ClientSampleId :
PB114440BL

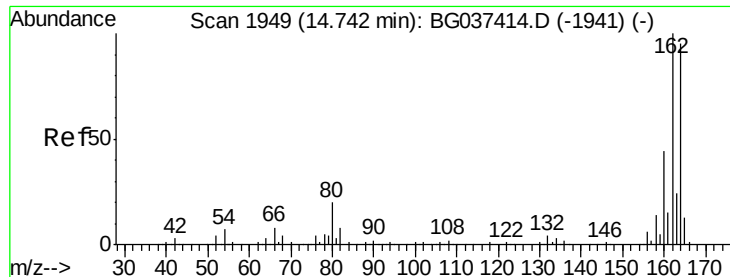
Tgt Ion:	136	Resp:	261792
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	10.3	7.9	11.9
68	6.2	4.8	7.2



#23
Nitrobenzene-d5
Concen: 75.573 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037791.D
Acq: 3 Nov 2018 14:57

Tgt Ion:	82	Resp:	353175
Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.6	51.8
54	53.7	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: BG037791.D

Acq: 3 Nov 2018 14:57

Instrument :

BNA_G

ClientSampleId :

PB114440BL

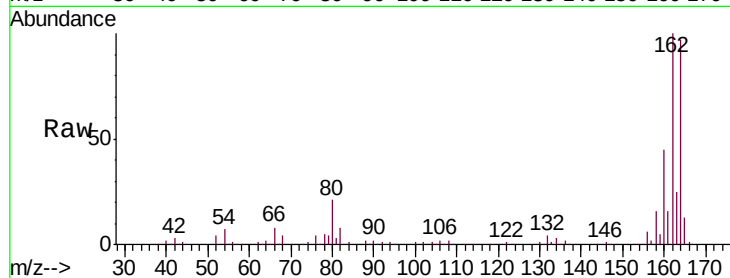
Tgt Ion:164 Resp: 173693

Ion Ratio Lower Upper

164 100

162 103.6 81.3 121.9

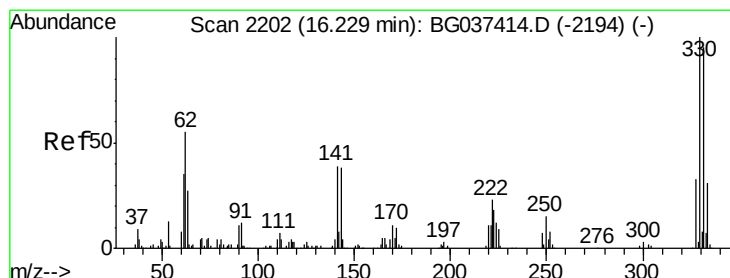
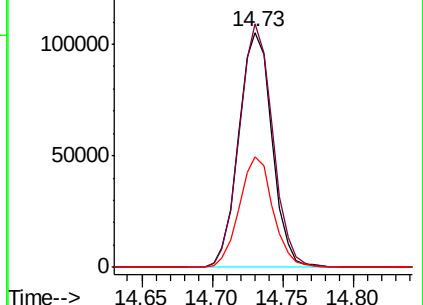
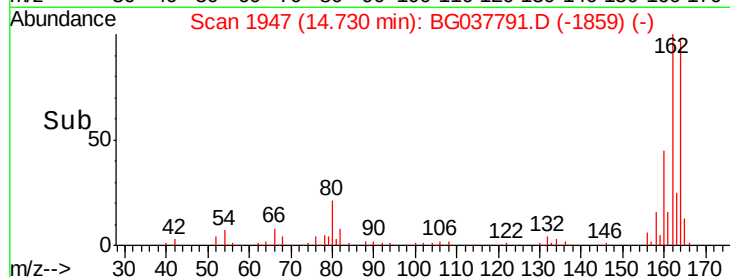
160 46.9 36.3 54.5



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: 81.285 ng

RT: 16.22 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037791.D

Acq: 3 Nov 2018 14:57

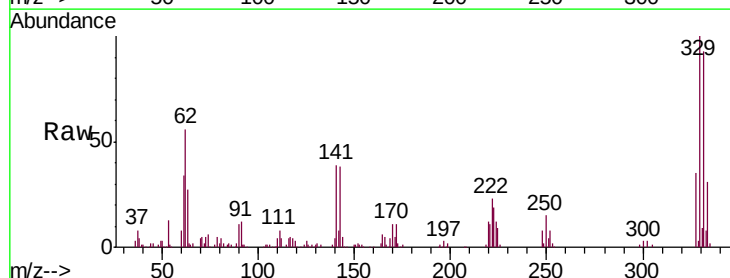
Tgt Ion:330 Resp: 153990

Ion Ratio Lower Upper

330 100

332 93.7 78.4 117.6

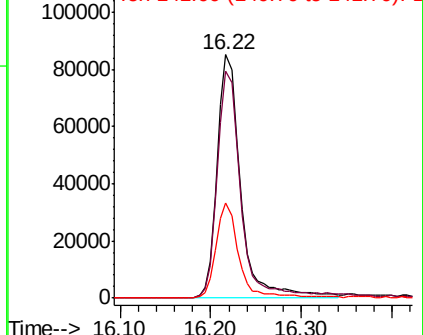
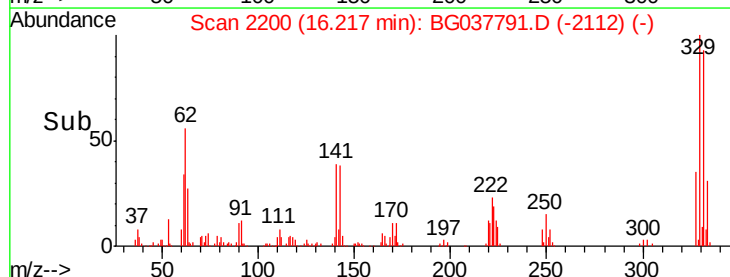
141 38.1 32.2 48.2

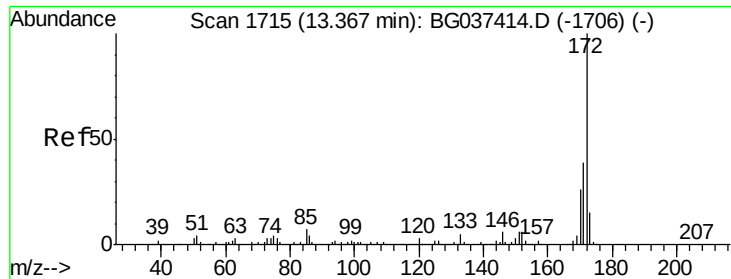


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

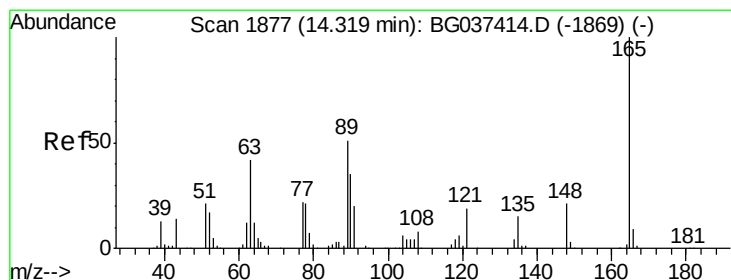
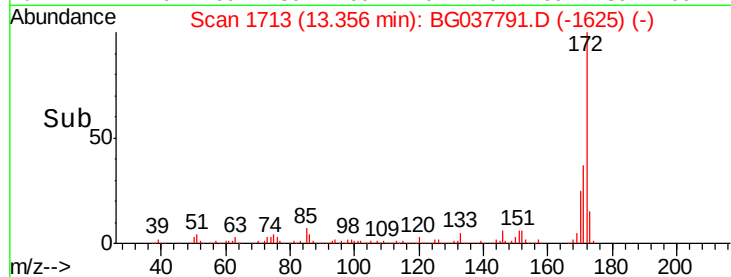
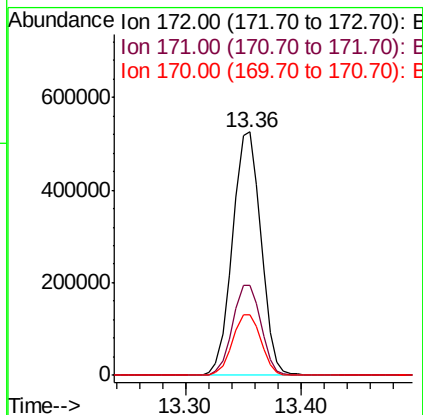
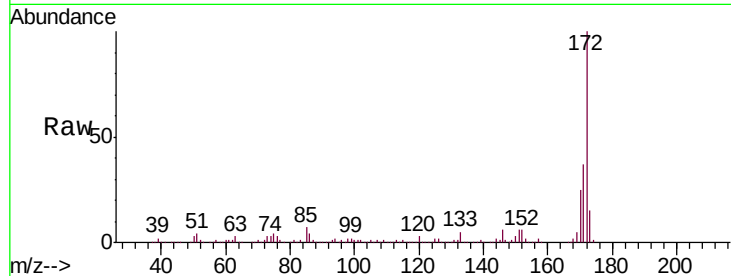




#45
 2-Fluorobiphenyl
 Concen: 78.053 ng
 RT: 13.36 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037791.D
 Acq: 3 Nov 2018 14:57

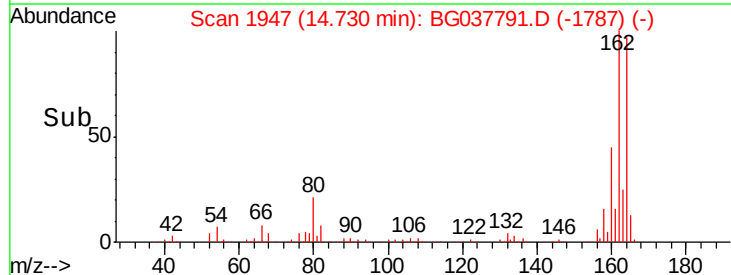
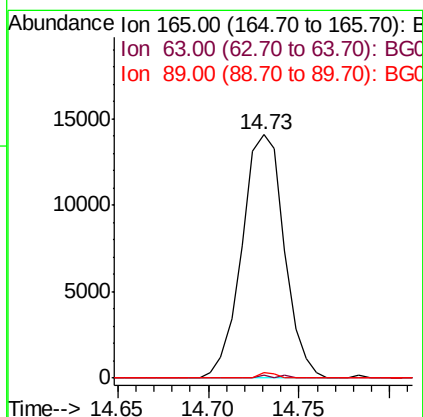
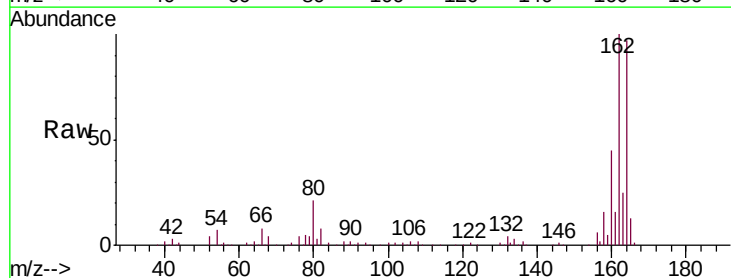
Instrument :
 BNA_G
 ClientSampleId :
 PB114440BL

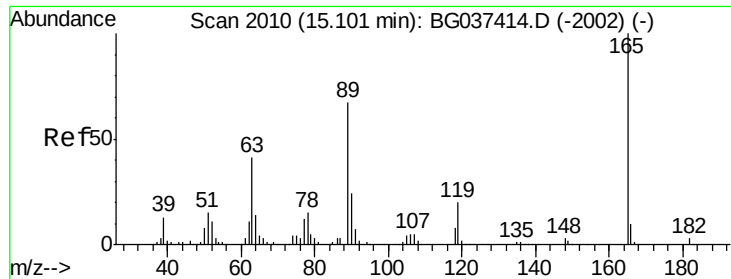
Tgt Ion:172 Resp: 899055
 Ion Ratio Lower Upper
 172 100
 171 37.0 31.0 46.4
 170 24.9 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.678 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. 0.41 min
 Lab File: BG037791.D
 Acq: 3 Nov 2018 14:57

Tgt Ion:165 Resp: 22824
 Ion Ratio Lower Upper
 165 100
 63 1.4 43.4 65.2#
 89 2.3 45.8 68.6#

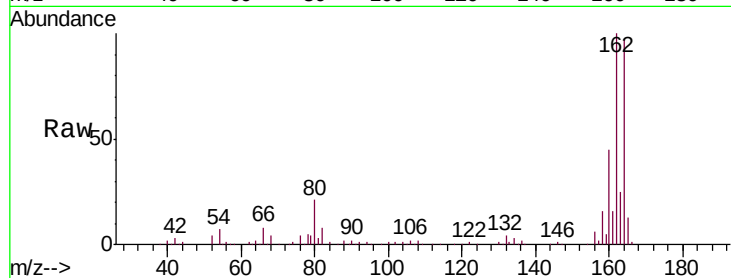




#57
 2,4-Dinitrotoluene
 Concen: 5.849 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037791.D
 Acq: 3 Nov 2018 14:57

Instrument :
 BNA_G
 ClientSampleId :
 PB114440BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	33.4	50.0#
89	2.3	57.2	85.8#
182	0.0	2.6	4.0#



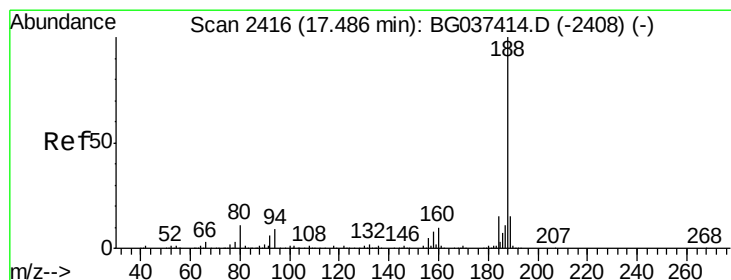
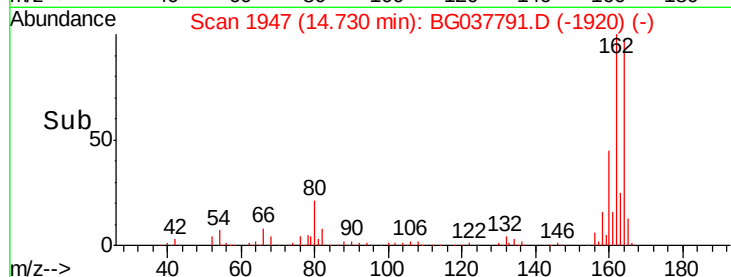
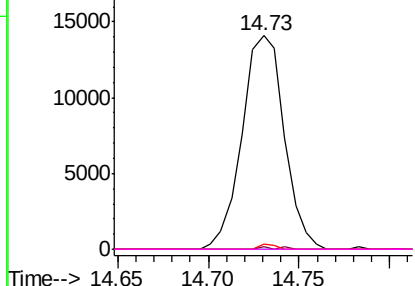
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

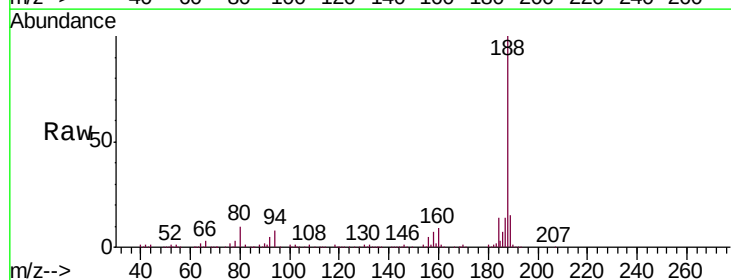
Ion 89.00 (88.70 to 89.70): BGC

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: BG037791.D
 Acq: 3 Nov 2018 14:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	9.6	7.7	11.5

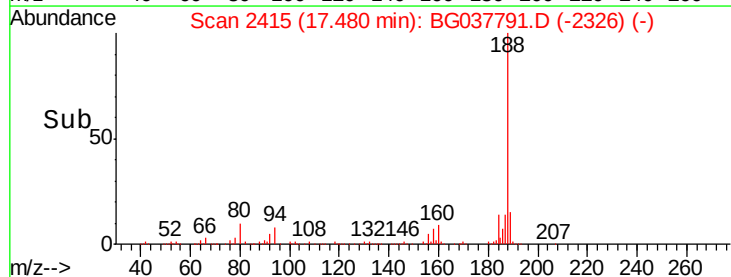
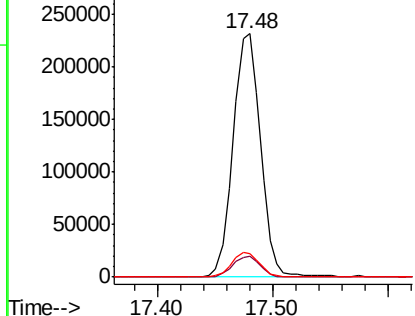


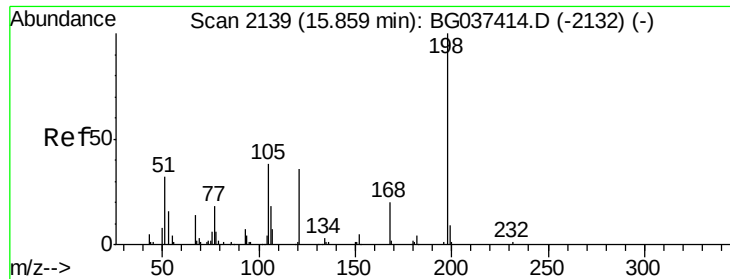
Abundance

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

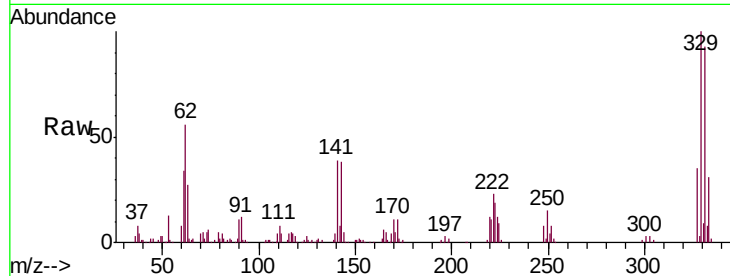




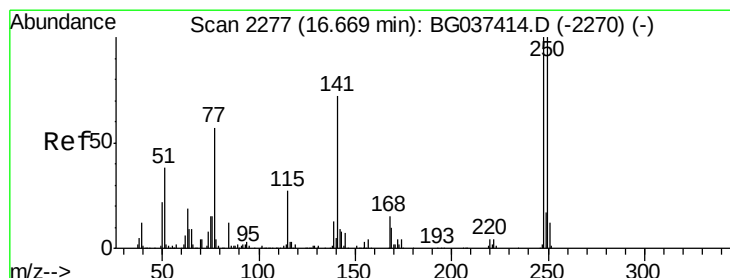
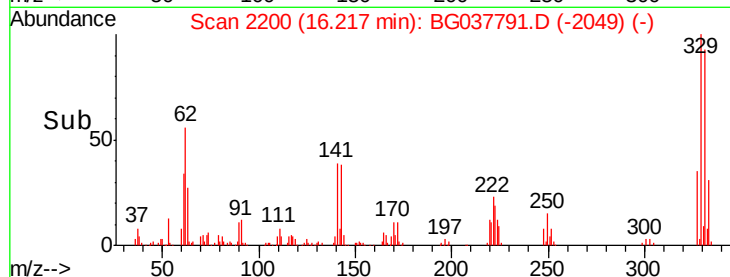
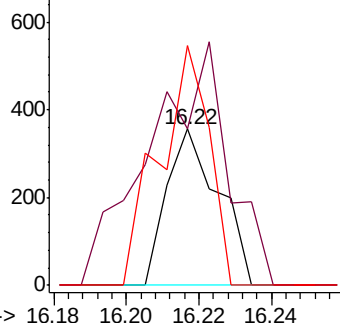
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.653 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. 0.36 min
 Lab File: BG037791.D
 Acq: 3 Nov 2018 14:57

Instrument :
 BNA_G
 ClientSampleId :
 PB114440BL

Tgt Ion:198 Resp: 354
 Ion Ratio Lower Upper
 198 100
 51 19.2 22.7 62.7#
 105 29.4 19.7 59.7

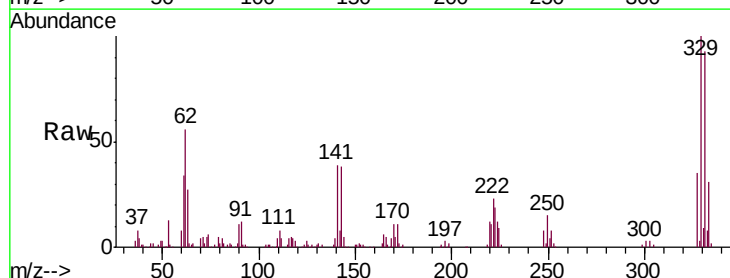


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

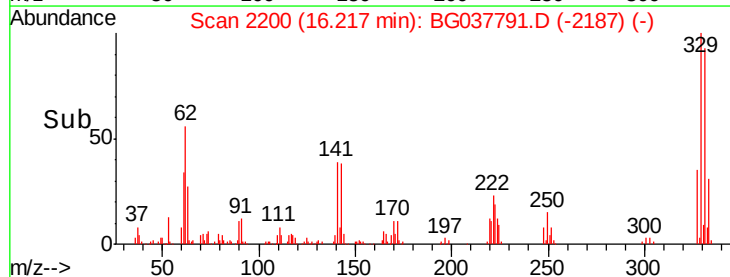
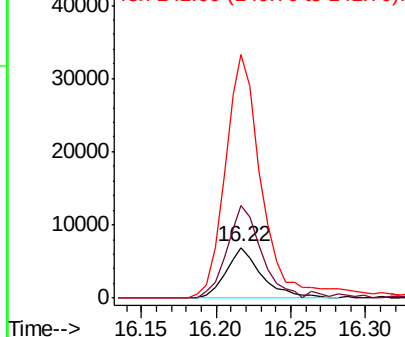


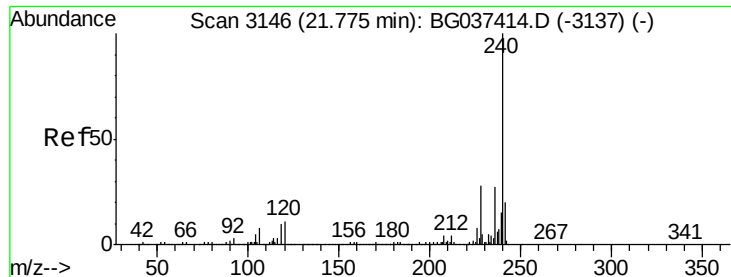
#67
 4-Bromophenyl-phenylether
 Concen: 2.750 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.45 min
 Lab File: BG037791.D
 Acq: 3 Nov 2018 14:57

Tgt Ion:248 Resp: 11532
 Ion Ratio Lower Upper
 248 100
 250 185.3 77.0 115.6#
 141 374.3 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

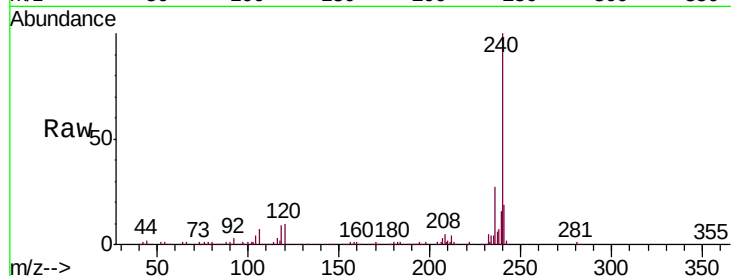




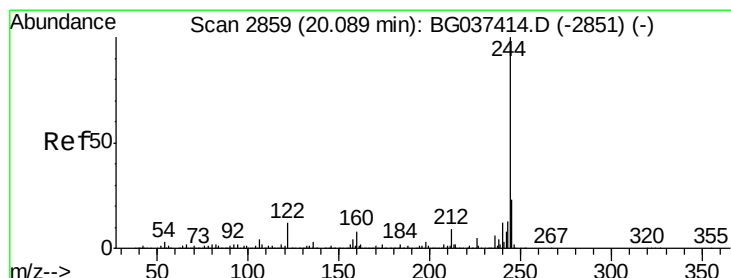
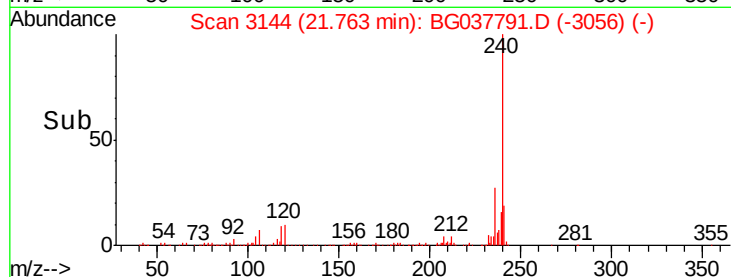
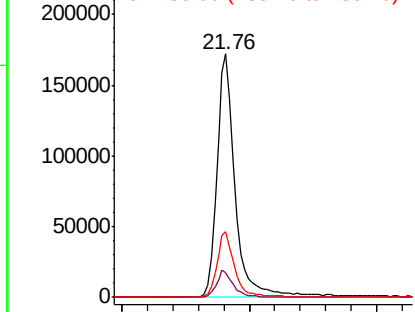
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037791.D
Acq: 3 Nov 2018 14:57

Instrument :
BNA_G
ClientSampleId :
PB114440BL

Tgt Ion:240 Resp: 348449
Ion Ratio Lower Upper
240 100
120 10.1 8.1 12.1
236 26.7 21.4 32.0

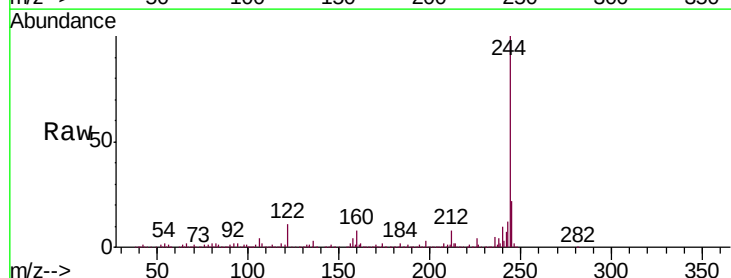


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

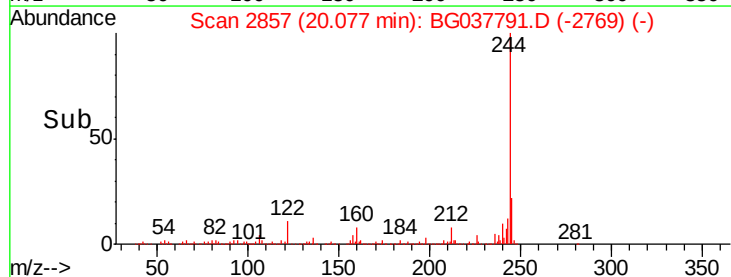
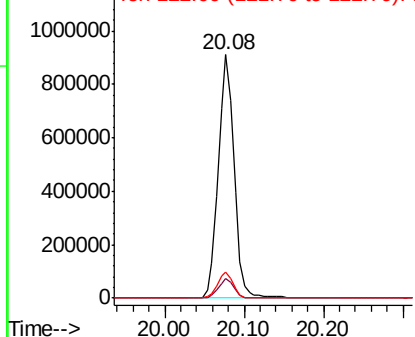


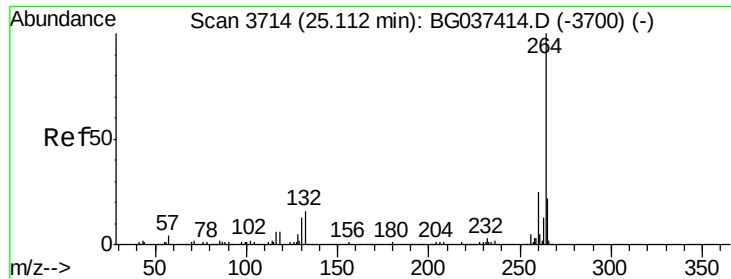
#79
Terphenyl-d14
Concen: 77.195 ng
RT: 20.08 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BG037791.D
Acq: 3 Nov 2018 14:57

Tgt Ion:244 Resp: 1258838
Ion Ratio Lower Upper
244 100
212 8.2 6.5 9.7
122 10.7 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: 25.09 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG037791.D
Acq: 3 Nov 2018 14:57

Instrument :
BNA_G
ClientSampleId :
PB114440BL

Tgt Ion: 264 Resp: 268373
Ion Ratio Lower Upper
264 100
260 25.2 18.2 27.4
265 21.4 17.9 26.9

