

Data File : BG037811.D
Acq On : 5 Nov 2018 20:23
Operator : JU/SJ
Sample : J5759-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-2

Quant Time: Nov 06 04:17:10 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

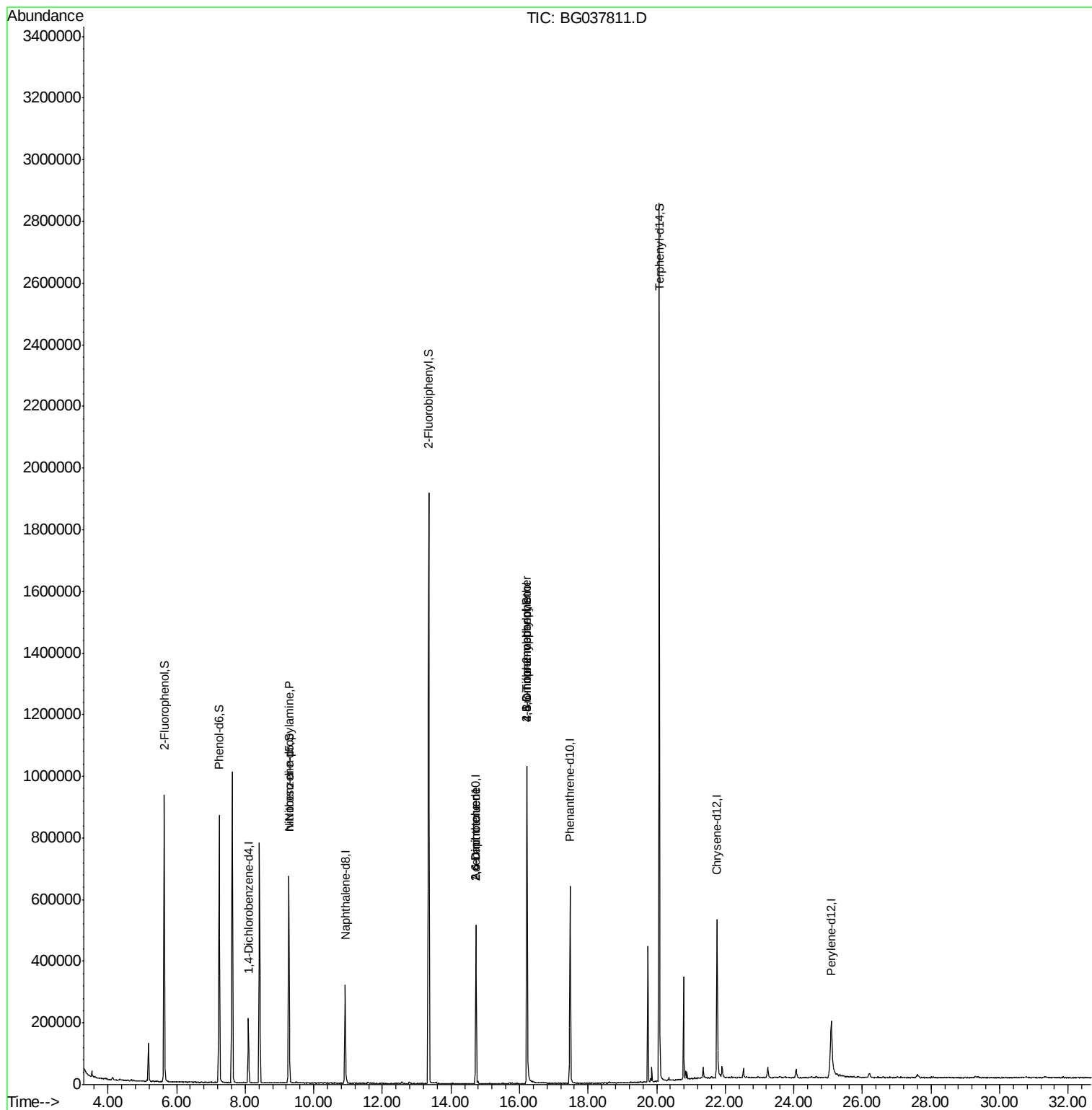
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	63323	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	287951	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	188313	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	416134	20.00	ng	0.00
76) Chrysene-d12	21.76	240	364145	20.00	ng	-0.02
87) Perylene-d12	25.09	264	300633	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	437148	115.42	ng	0.00
7) Phenol-d6	7.24	99	568851	99.32	ng	0.00
23) Nitrobenzene-d5	9.27	82	433377	84.31	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	207814	101.18	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	1057934	84.72	ng	-0.02
79) Terphenyl-d14	20.07	244	1451209	85.16	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	55457	14.061	ng	# 71
51) 2,6-Dinitrotoluene	14.73	165	23559	7.310	ng	# 24
57) 2,4-Dinitrotoluene	14.73	165	23559	5.569	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.21	198	534	8.709	ng	73
67) 4-Bromophenyl-phenylether	16.22	248	15781	3.453	ng	# 1

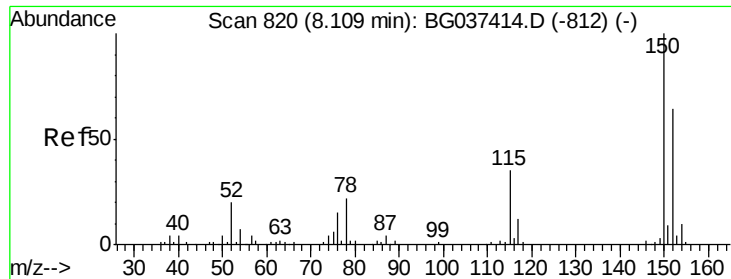
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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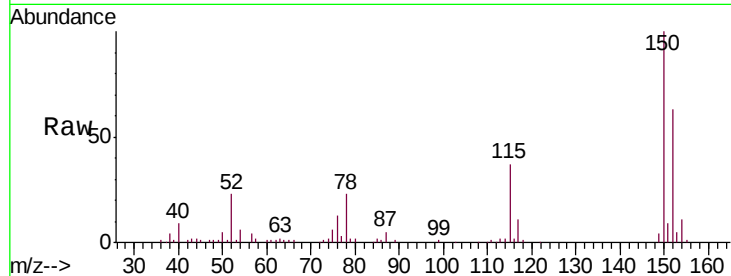


#1

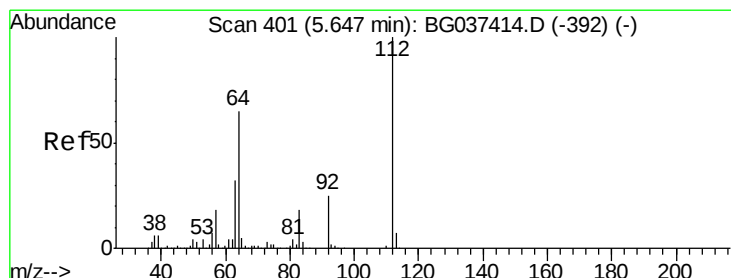
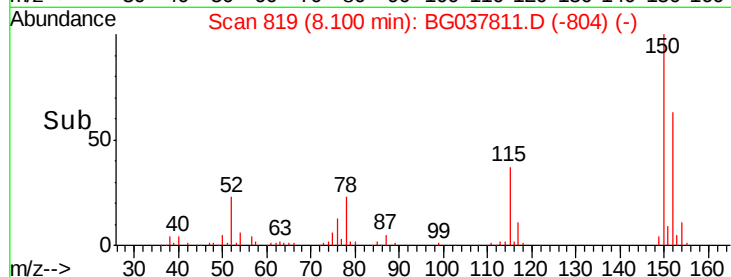
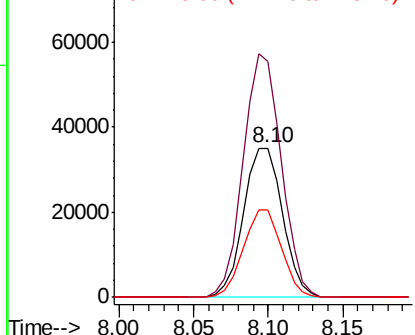
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037811.D
Acq: 5 Nov 2018 20:23

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:152 Resp: 63323
Ion Ratio Lower Upper
152 100
150 158.0 126.0 189.0
115 58.4 45.5 68.3



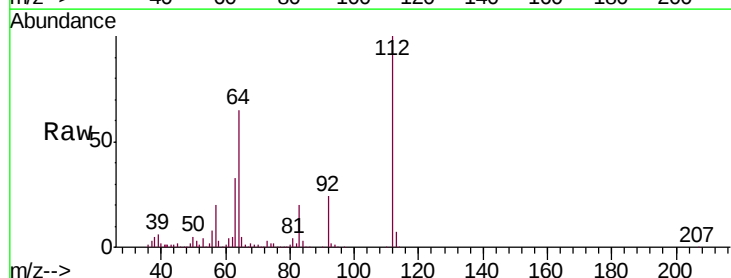
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



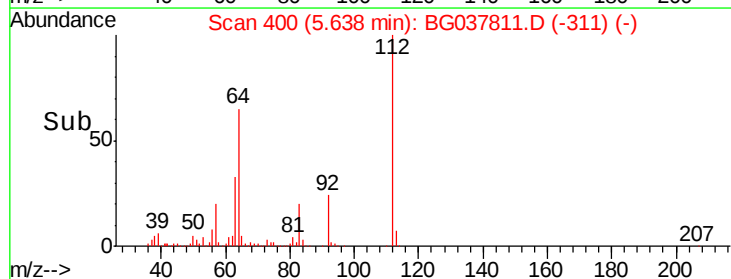
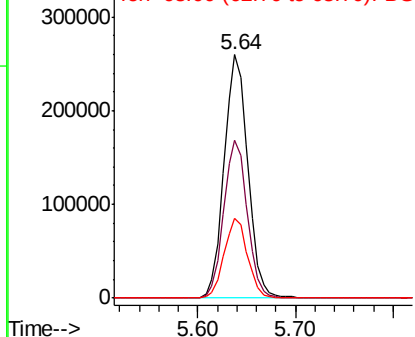
#5

2-Fluorophenol
Concen: 115.416 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037811.D
Acq: 5 Nov 2018 20:23

Tgt Ion:112 Resp: 437148
Ion Ratio Lower Upper
112 100
64 64.8 53.1 79.7
63 32.8 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: 99.322 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037811.D

Acq: 5 Nov 2018 20:23

Instrument :

BNA_G

ClientSampleId :

TP-2

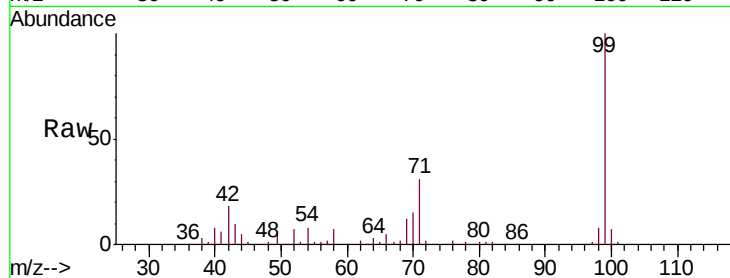
Tgt Ion: 99 Resp: 568851

Ion Ratio Lower Upper

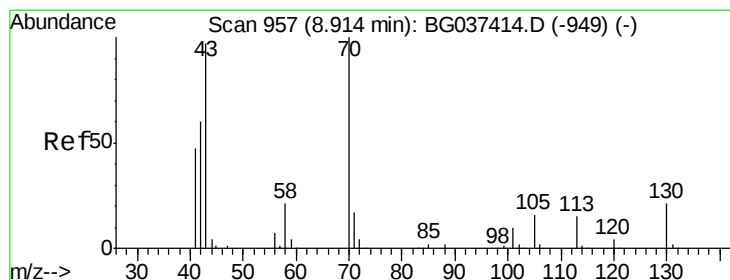
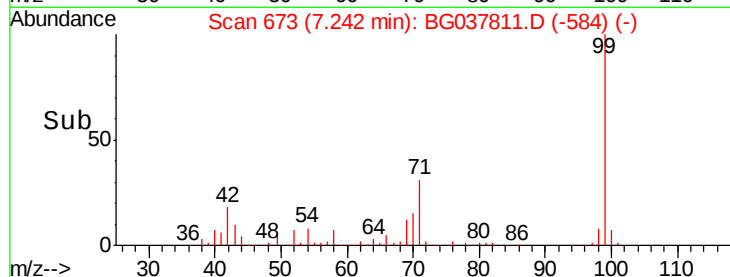
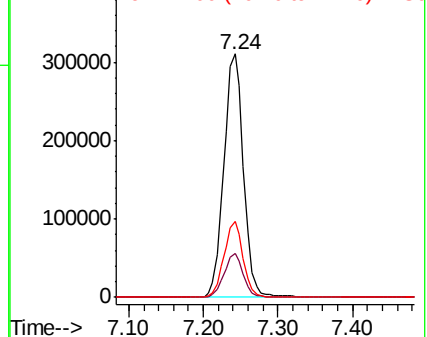
99 100

42 18.0 15.0 22.4

71 31.2 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: 14.061 ng

RT: 9.27 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037811.D

Acq: 5 Nov 2018 20:23

Tgt Ion: 70 Resp: 55457

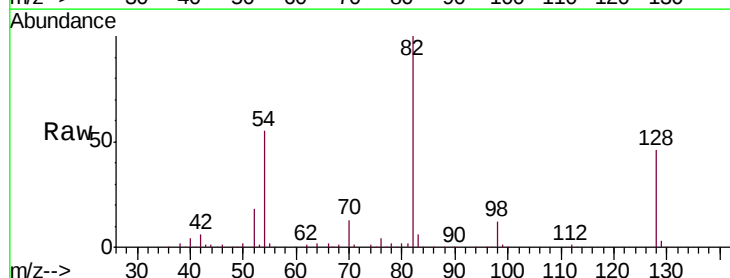
Ion Ratio Lower Upper

70 100

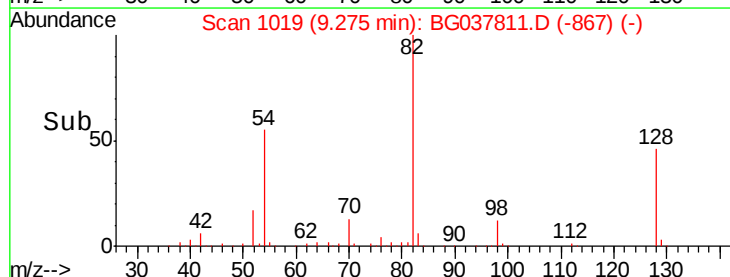
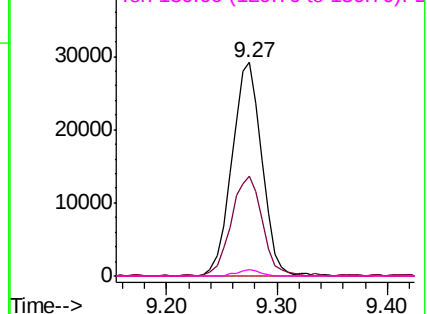
42 46.8 53.9 80.9#

101 0.0 8.2 12.2#

130 2.9 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

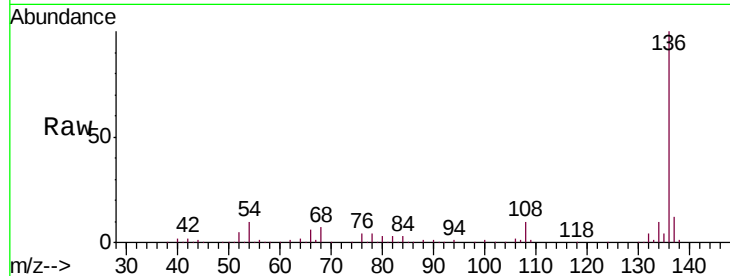




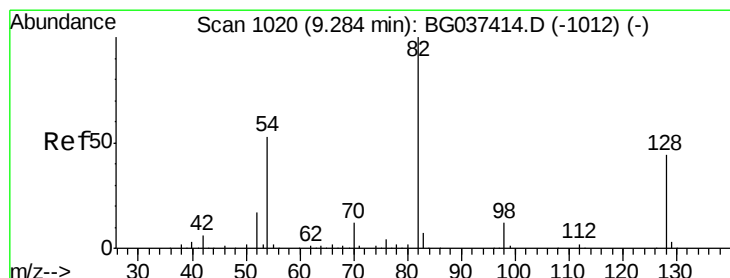
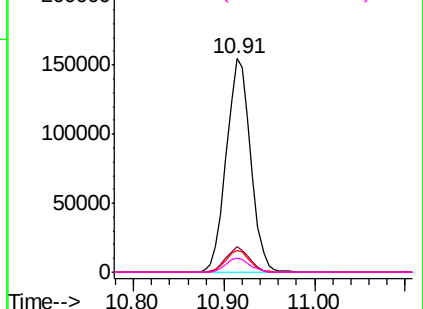
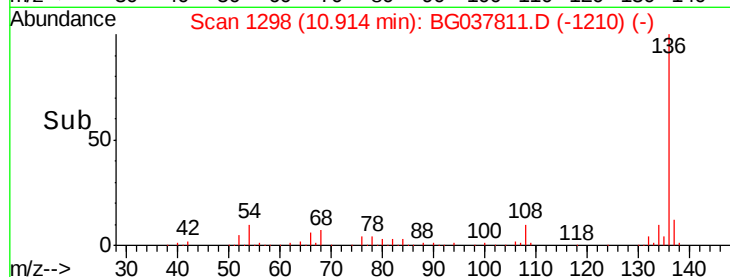
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG037811.D
Acq: 5 Nov 2018 20:23

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:	136	Resp:	287951
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.6	14.4
54	9.9	7.9	11.9
68	6.6	4.8	7.2

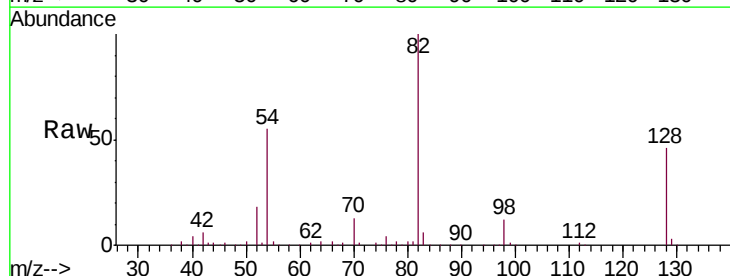


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

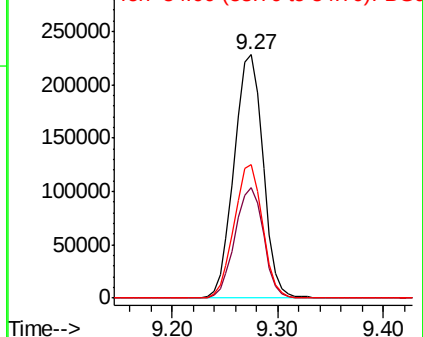
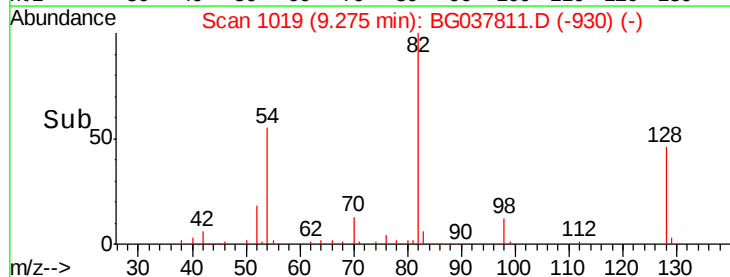


#23
Nitrobenzene-d5
Concen: 84.311 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037811.D
Acq: 5 Nov 2018 20:23

Tgt Ion:	82	Resp:	433377
Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.6	51.8
54	54.8	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: 14.73 min Scan# 1947

Delta R.T. -0.02 min

Lab File: BG037811.D

Acq: 5 Nov 2018 20:23

Instrument :

BNA_G

ClientSampleId :

TP-2

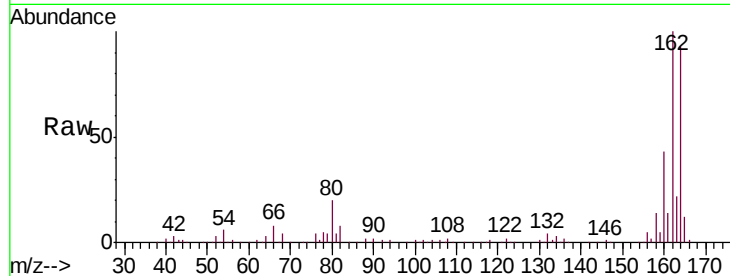
Tgt Ion:164 Resp: 188313

Ion Ratio Lower Upper

164 100

162 107.6 81.3 121.9

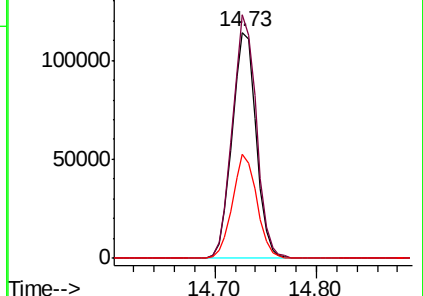
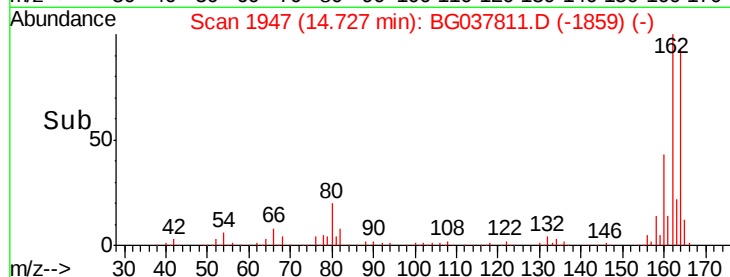
160 45.8 36.3 54.5



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: 101.180 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037811.D

Acq: 5 Nov 2018 20:23

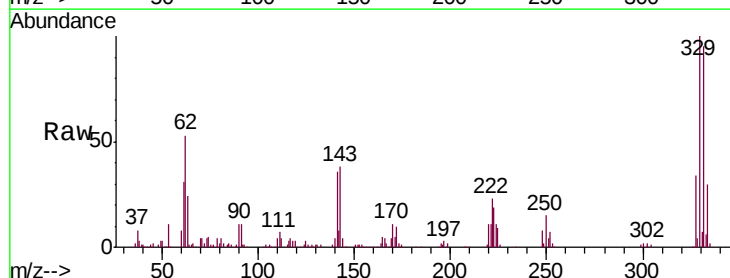
Tgt Ion:330 Resp: 207814

Ion Ratio Lower Upper

330 100

332 97.4 78.4 117.6

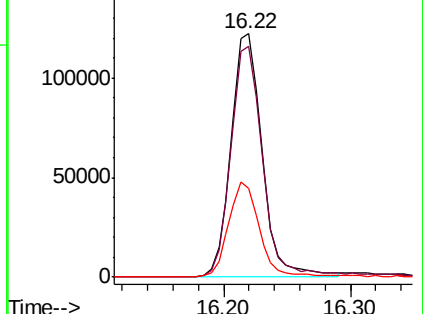
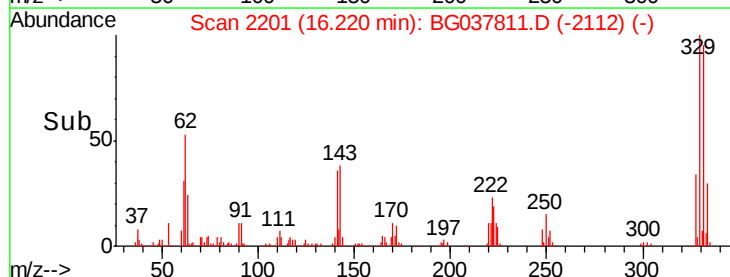
141 39.3 32.2 48.2



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

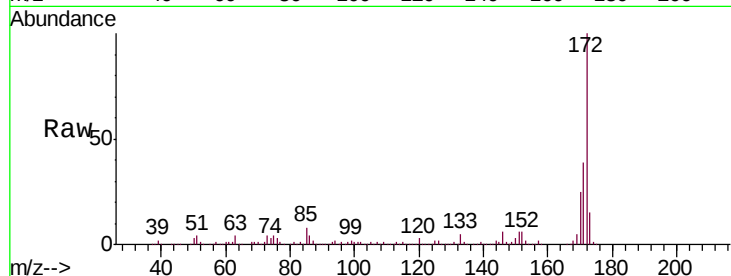




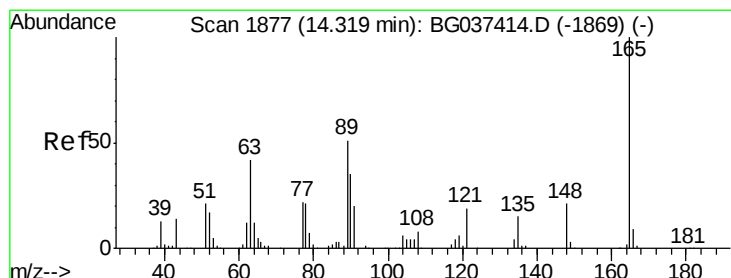
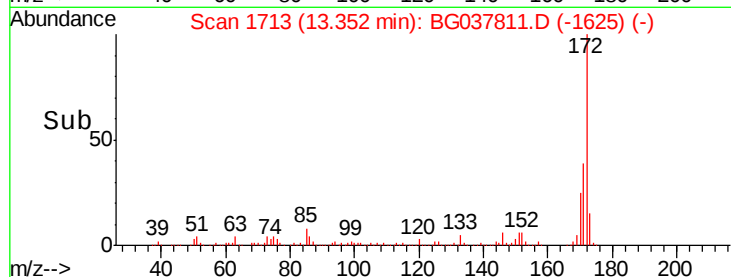
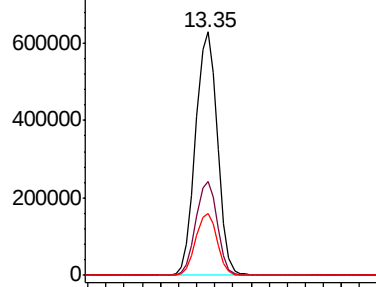
#45
 2-Fluorobiphenyl
 Concen: 84.716 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.02 min
 Lab File: BG037811.D
 Acq: 5 Nov 2018 20:23

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tgt Ion:172 Resp: 1057934
 Ion Ratio Lower Upper
 172 100
 171 38.5 31.0 46.4
 170 25.3 20.2 30.2

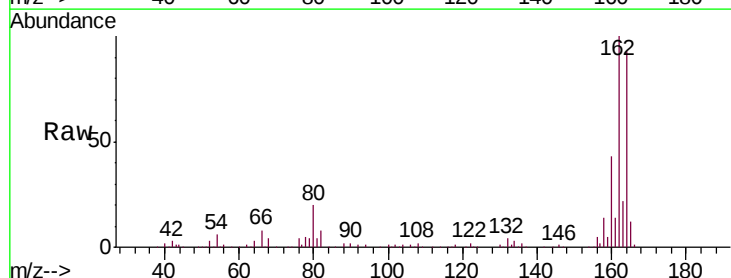


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

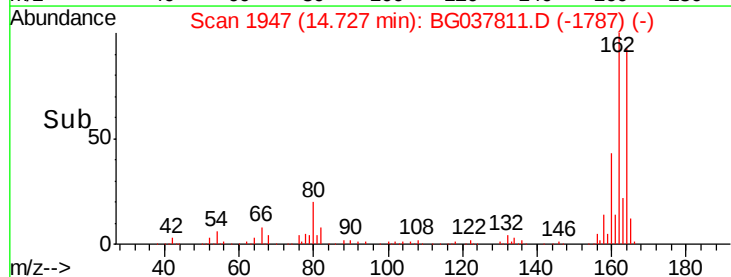
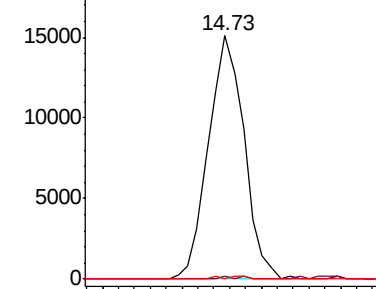


#51
 2,6-Dinitrotoluene
 Concen: 7.310 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. 0.41 min
 Lab File: BG037811.D
 Acq: 5 Nov 2018 20:23

Tgt Ion:165 Resp: 23559
 Ion Ratio Lower Upper
 165 100
 63 1.2 43.4 65.2#
 89 0.0 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

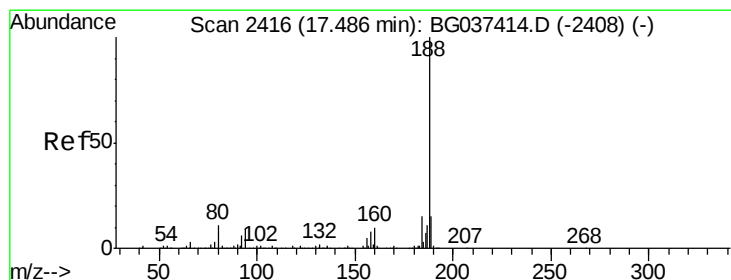
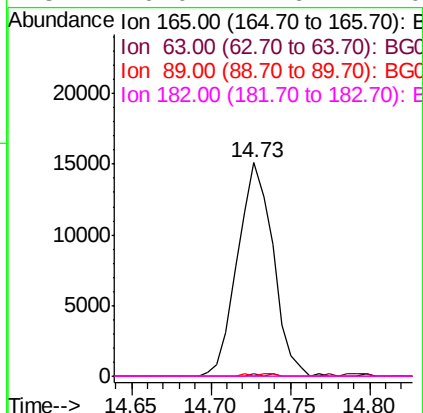
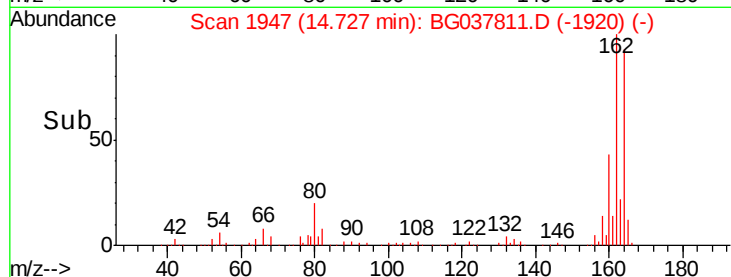
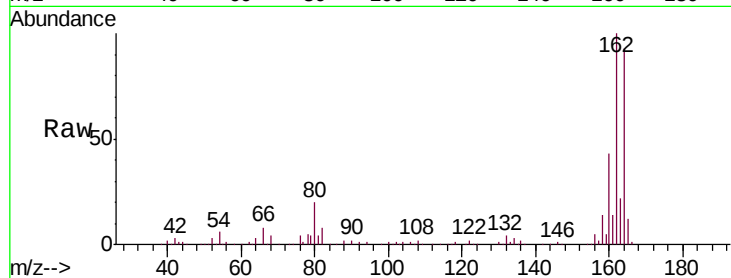




#57
2,4-Dinitrotoluene
Concen: 5.569 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.37 min
Lab File: BG037811.D
Acq: 5 Nov 2018 20:23

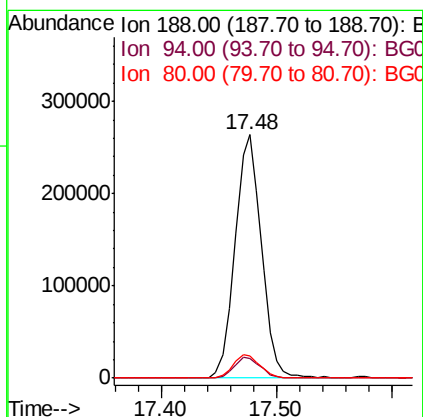
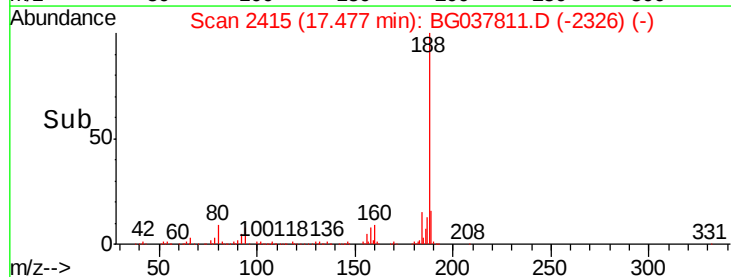
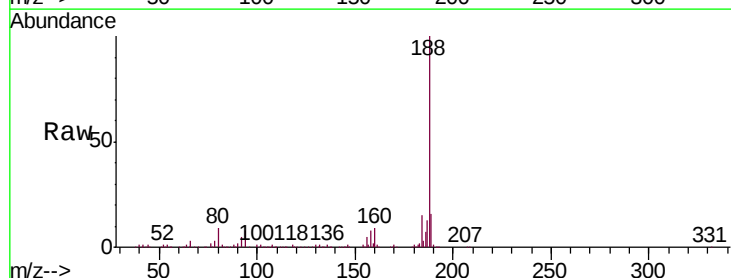
Instrument :
BNA_G
ClientSampleId :
TP-2

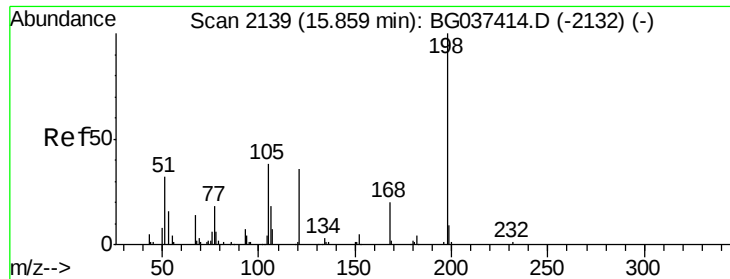
Tgt Ion:	165	Resp:	23559
Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037811.D
Acq: 5 Nov 2018 20:23

Tgt Ion:	188	Resp:	416134
Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.2	10.8
80	9.1	7.7	11.5

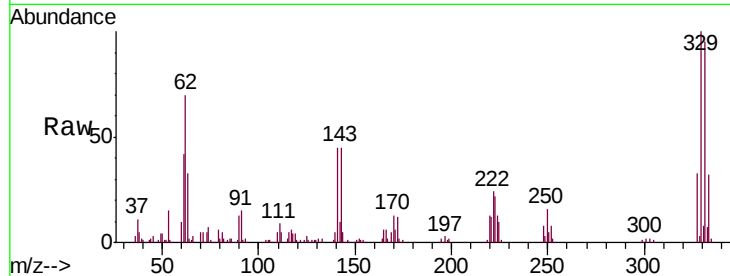




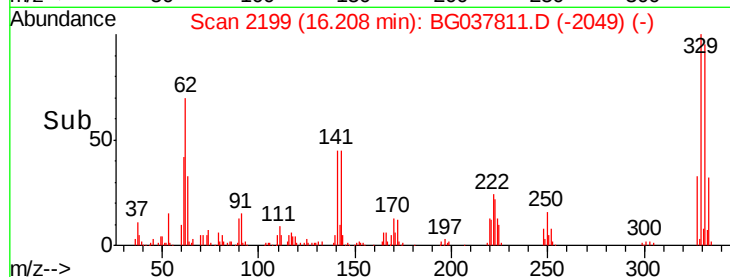
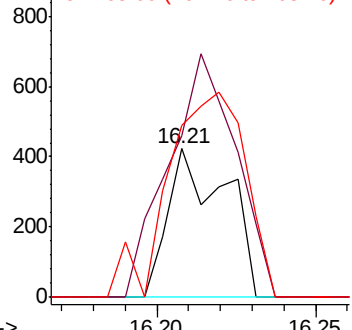
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.709 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. 0.35 min
 Lab File: BG037811.D
 Acq: 5 Nov 2018 20:23

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tgt Ion:198 Resp: 534
 Ion Ratio Lower Upper
 198 100
 51 23.8 22.7 62.7
 105 25.3 19.7 59.7

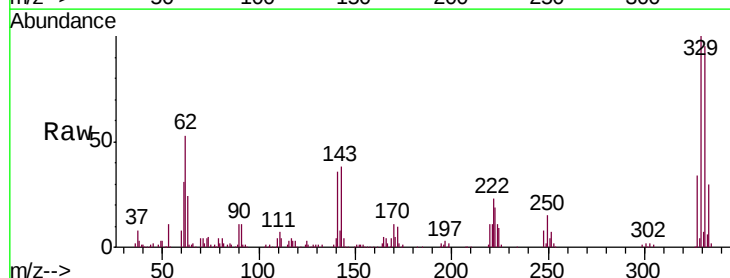


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

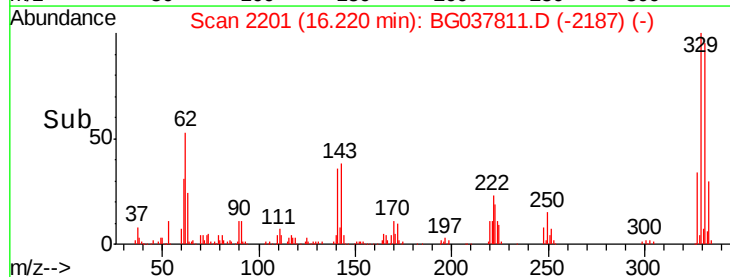
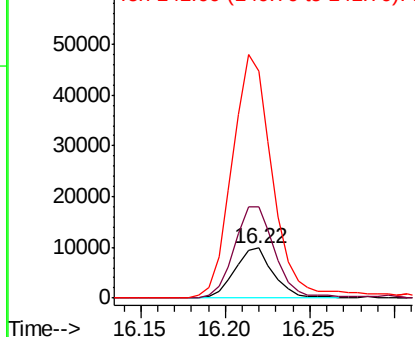


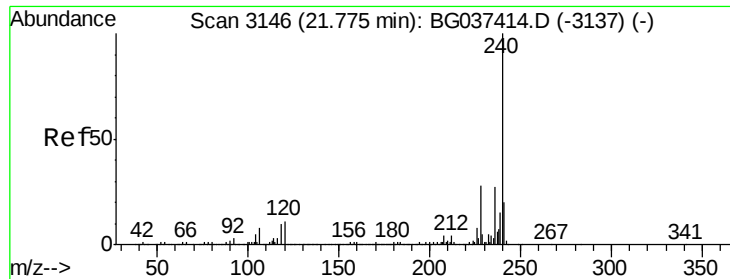
#67
 4-Bromophenyl-phenylether
 Concen: 3.453 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037811.D
 Acq: 5 Nov 2018 20:23

Tgt Ion:248 Resp: 15781
 Ion Ratio Lower Upper
 248 100
 250 183.2 77.0 115.6#
 141 350.7 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

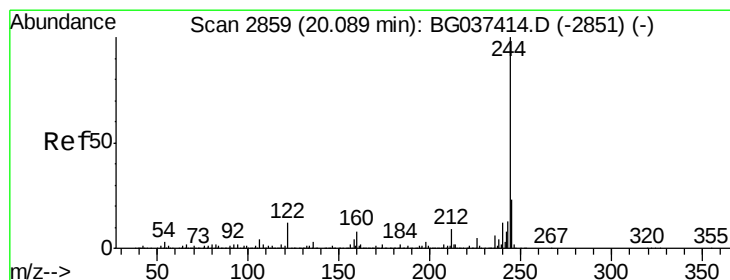
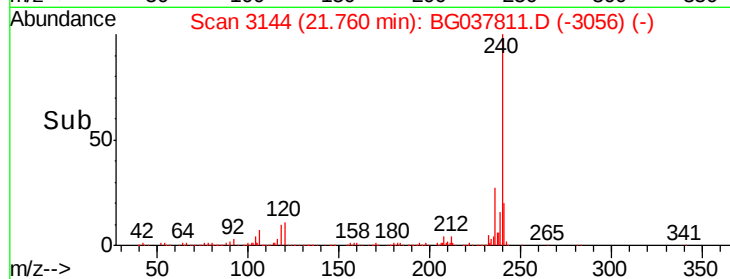
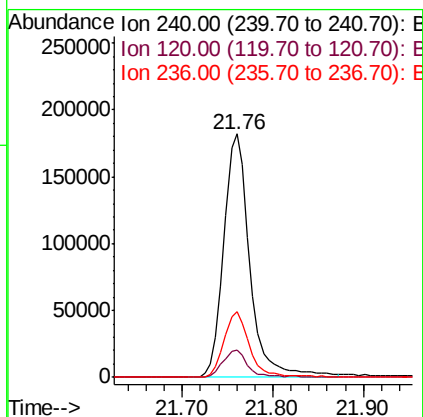
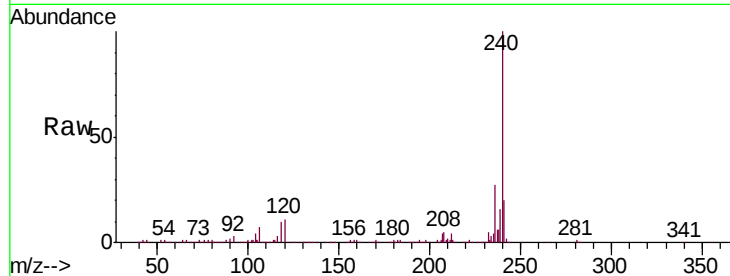




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG037811.D
Acq: 5 Nov 2018 20:23

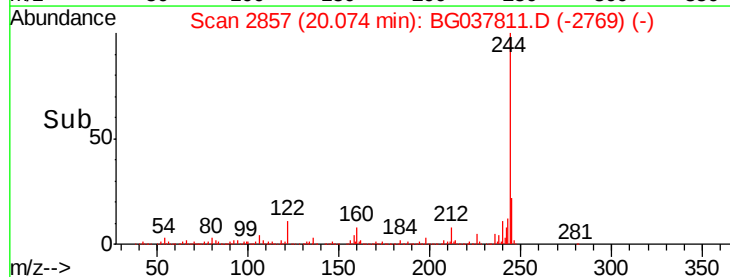
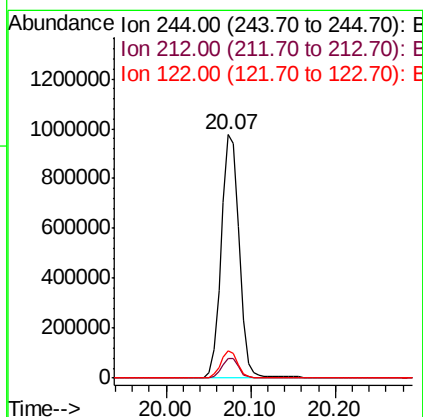
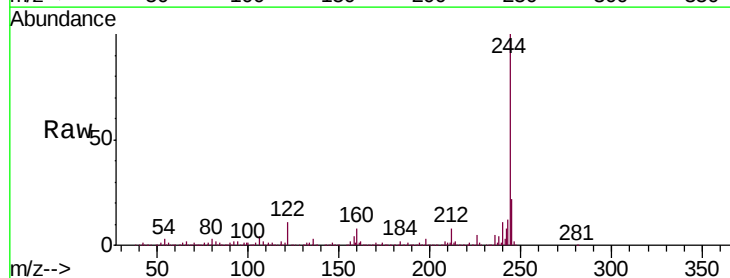
Instrument :
BNA_G
ClientSampled :
TP-2

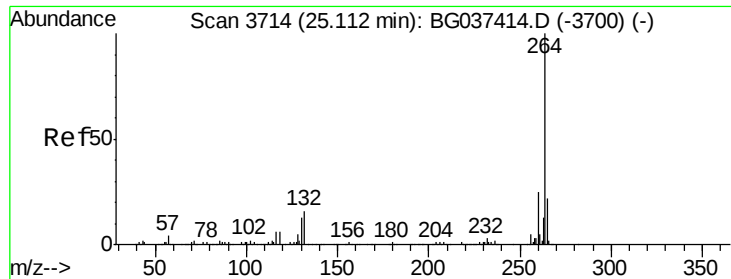
Tgt Ion:240 Resp: 364145
Ion Ratio Lower Upper
240 100
120 11.2 8.1 12.1
236 26.8 21.4 32.0



#79
Terphenyl-d14
Concen: 85.155 ng
RT: 20.07 min Scan# 2857
Delta R.T. -0.02 min
Lab File: BG037811.D
Acq: 5 Nov 2018 20:23

Tgt Ion:244 Resp: 1451209
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 11.4 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG037811.D
Acq: 5 Nov 2018 20:23

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion: 264 Resp: 300633

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.4
265	21.8	17.9	26.9

