

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
 Data File : BG037706.D
 Acq On : 1 Nov 2018 6:44
 Operator : JU/SJ
 Sample : J5737-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 01 09:18:15 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

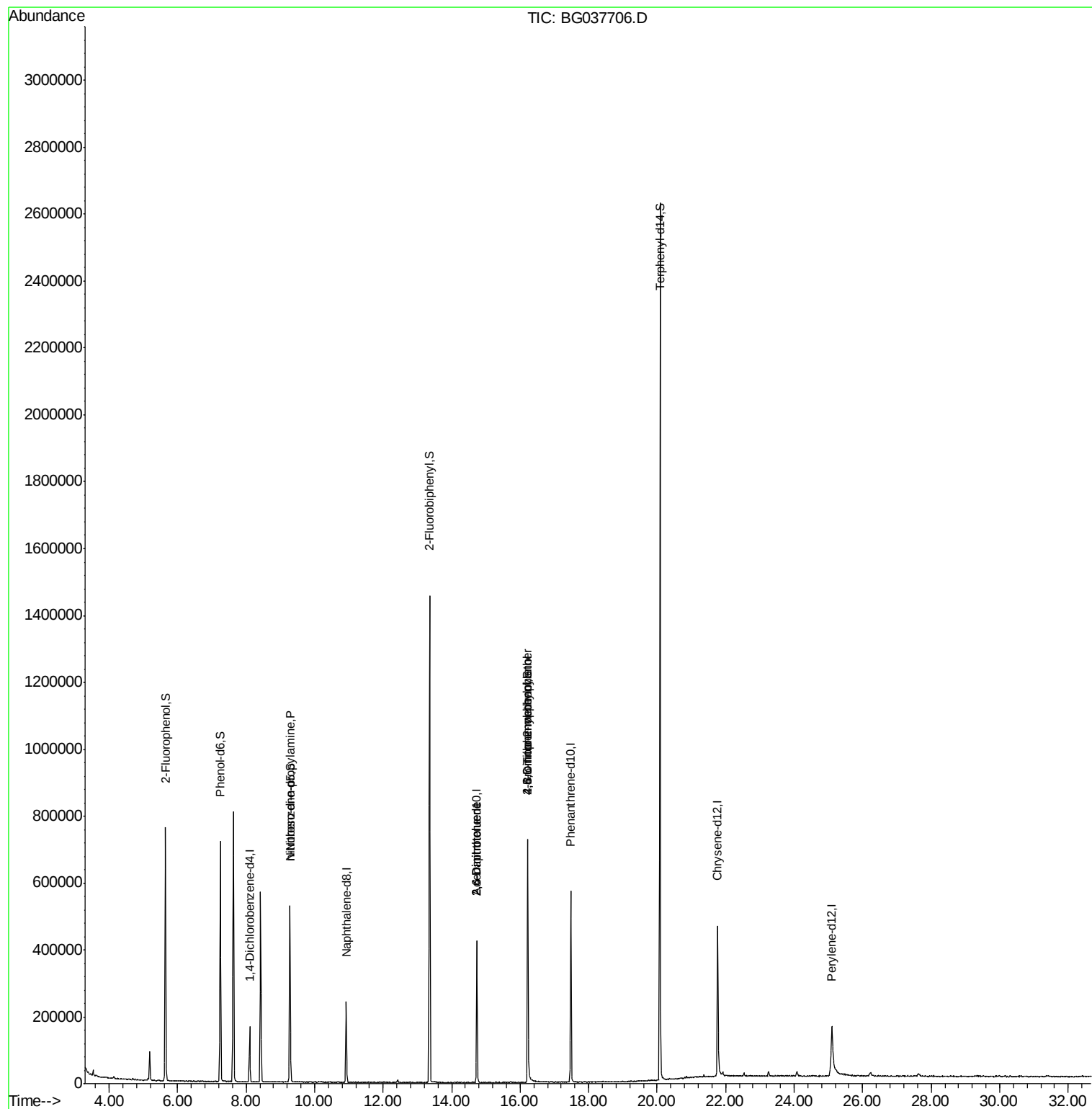
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	51186	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	221982	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	152842	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	365895	20.00	ng	0.00
76) Chrysene-d12	21.76	240	335407	20.00	ng	-0.01
87) Perylene-d12	25.10	264	257286	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	349254	114.07	ng	0.00
7) Phenol-d6	7.24	99	457495	98.82	ng	0.00
23) Nitrobenzene-d5	9.28	82	338958	85.54	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	148636	89.16	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	793455	78.28	ng	-0.01
79) Terphenyl-d14	20.08	244	1298749	82.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	41882	13.137	ng	# 72
51) 2,6-Dinitrotoluene	14.74	165	19507	7.458	ng	# 25
57) 2,4-Dinitrotoluene	14.74	165	19507	5.681	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.22	198	265	8.621	ng	81
67) 4-Bromophenyl-phenylether	16.22	248	10336	2.572	ng	# 1

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

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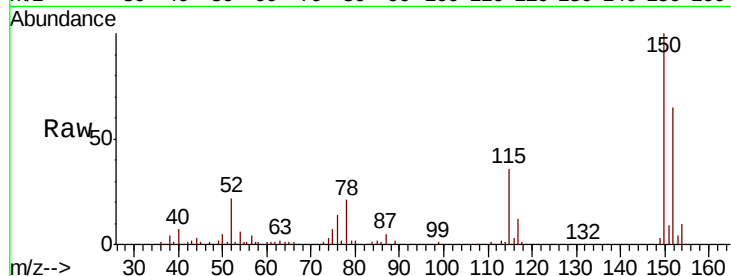


#1

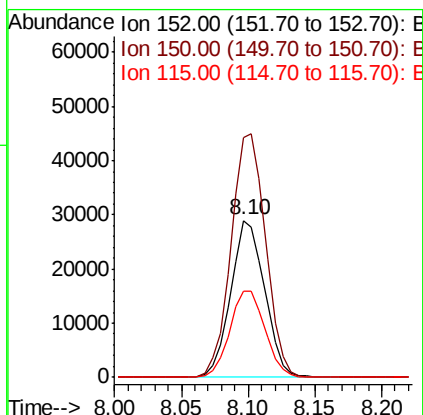
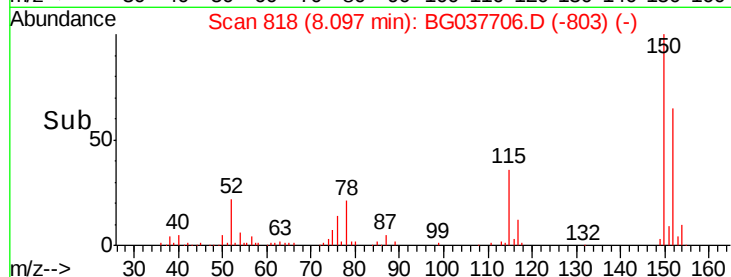
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037706.D
Acq: 1 Nov 2018 6:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 51186
Ion Ratio Lower Upper
152 100
150 153.1 126.0 189.0
115 54.9 45.5 68.3



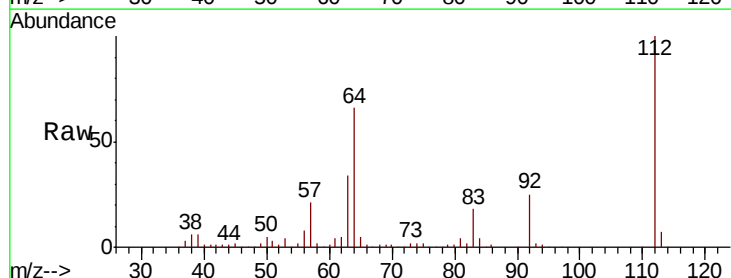
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



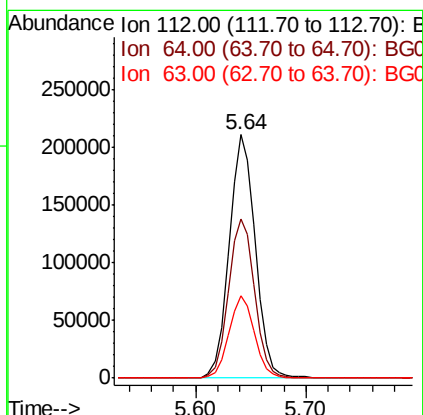
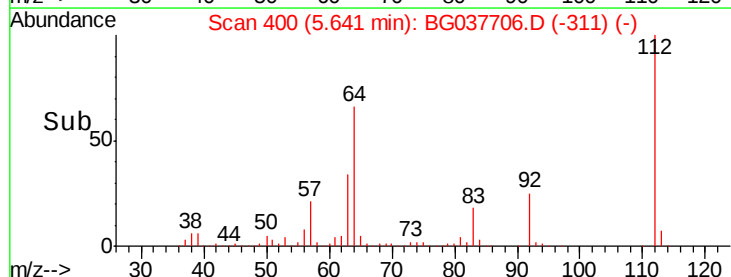
#5

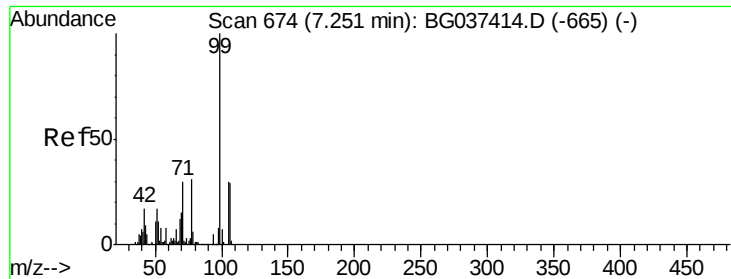
2-Fluorophenol
Concen: 114.074 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037706.D
Acq: 1 Nov 2018 6:44

Tgt Ion:112 Resp: 349254
Ion Ratio Lower Upper
112 100
64 65.6 53.1 79.7
63 33.7 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: 98.820 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037706.D

Acq: 1 Nov 2018 6:44

Instrument :

BNA_G

ClientSampleId :

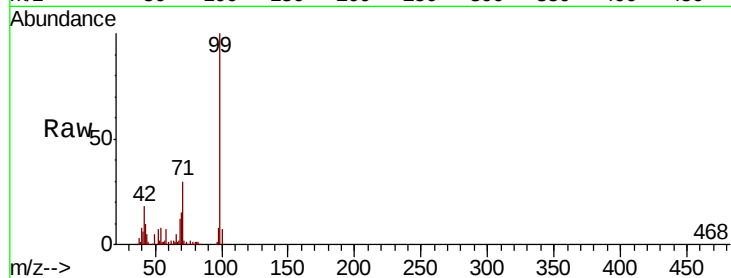
Tot Ion: 99 Resp: 457495

Ion Ratio Lower Upper

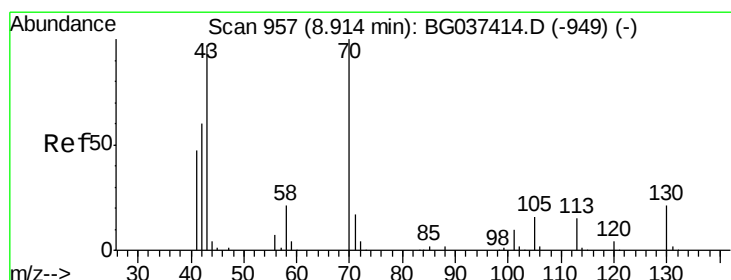
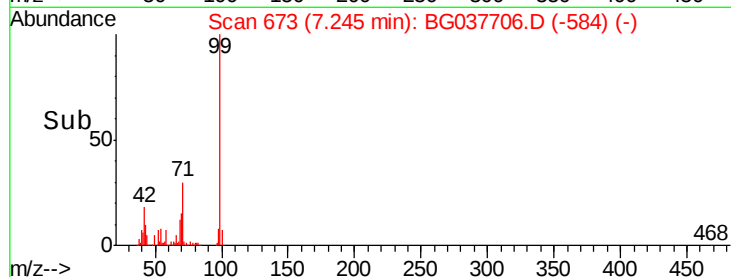
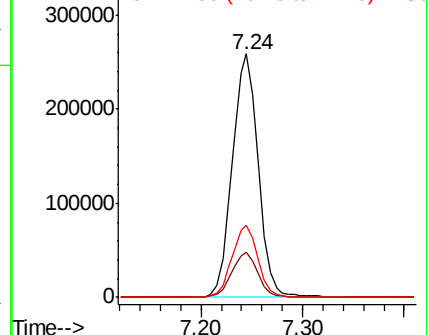
99 100

42 18.4 15.0 22.4

71 29.6 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: 13.137 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037706.D

Acq: 1 Nov 2018 6:44

Tgt Ion: 70 Resp: 41882

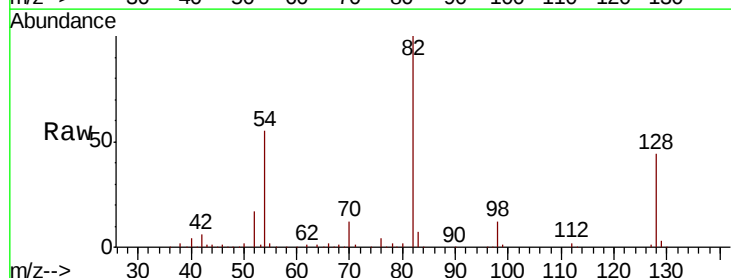
Ion Ratio Lower Upper

70 100

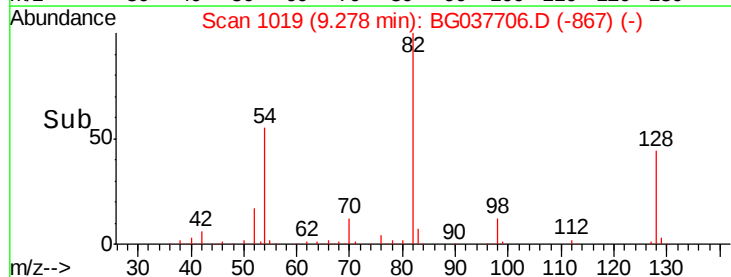
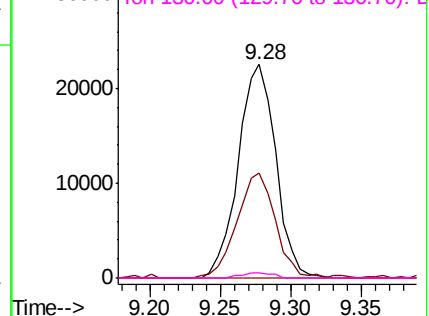
42 48.9 53.9 80.9#

101 0.0 8.2 12.2#

130 2.5 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

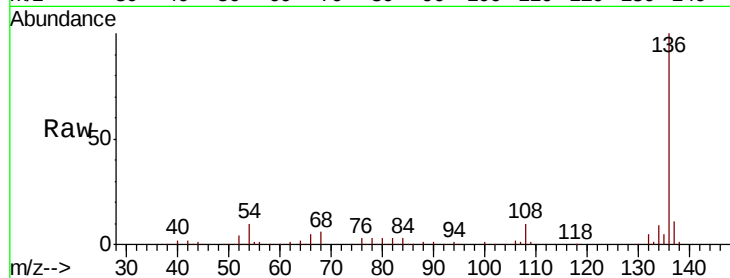




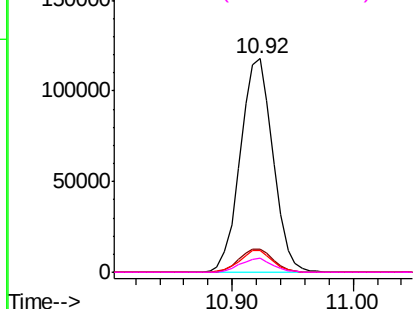
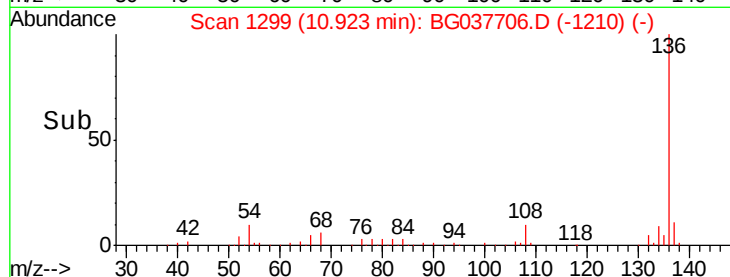
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037706.D
Acq: 1 Nov 2018 6:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	221982
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.6 14.4
54	10.3	7.9 11.9
68	6.3	4.8 7.2

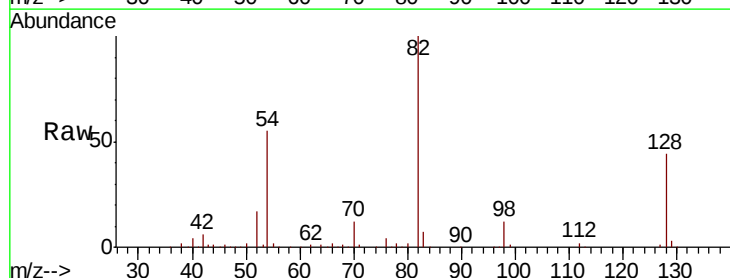


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

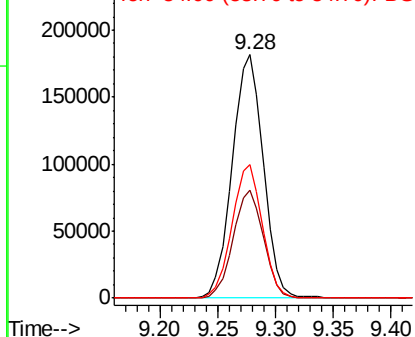
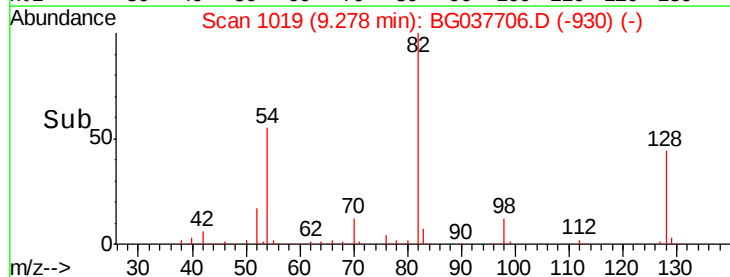


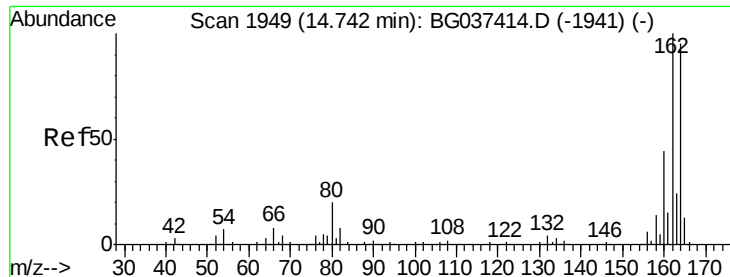
#23
Nitrobenzene-d5
Concen: 85.539 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037706.D
Acq: 1 Nov 2018 6:44

Tgt Ion: 82	Resp:	338958
Ion	Ratio	Lower Upper
82	100	
128	44.3	34.6 51.8
54	54.6	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: 14.74 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037706.D

Acq: 1 Nov 2018 6:44

Instrument :

BNA_G

ClientSampleId :

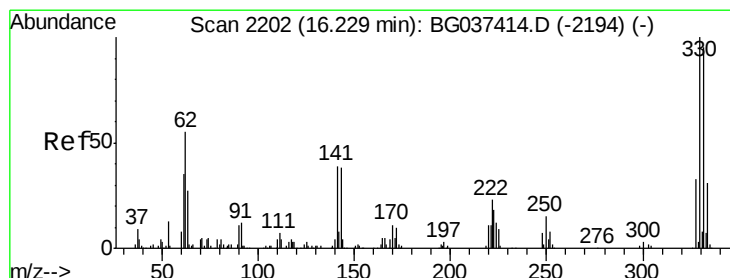
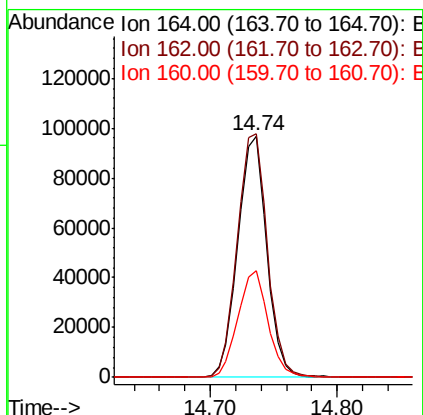
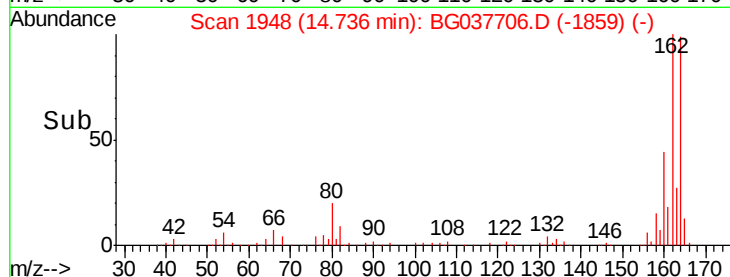
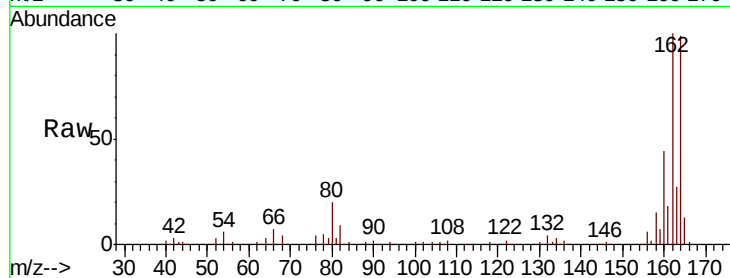
Tot Ion:164 Resp: 152842

Ion Ratio Lower Upper

164 100

162 100.9 81.3 121.9

160 44.1 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 89.162 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037706.D

Acq: 1 Nov 2018 6:44

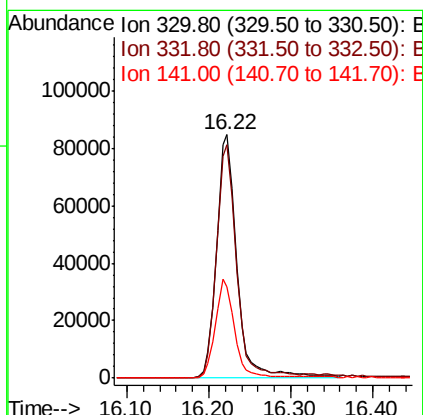
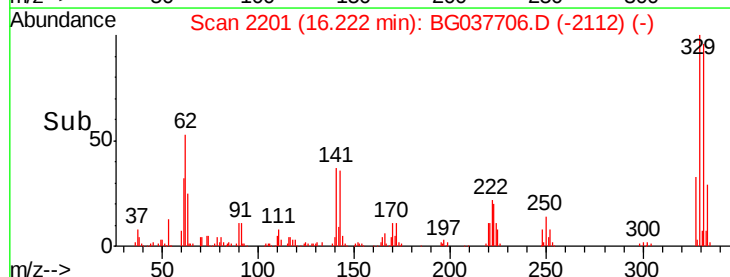
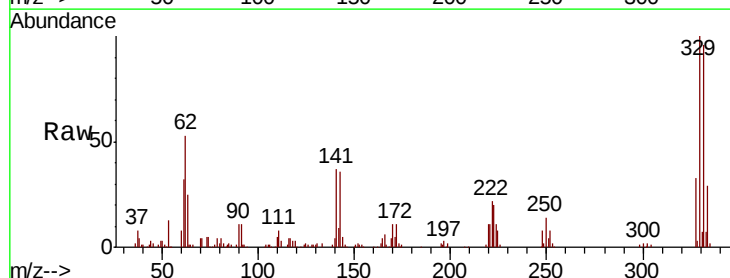
Tgt Ion:330 Resp: 148636

Ion Ratio Lower Upper

330 100

332 94.0 78.4 117.6

141 38.4 32.2 48.2

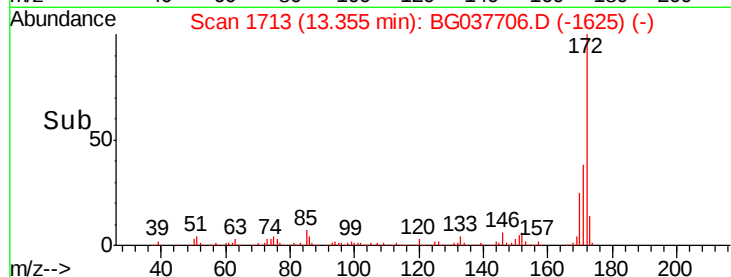
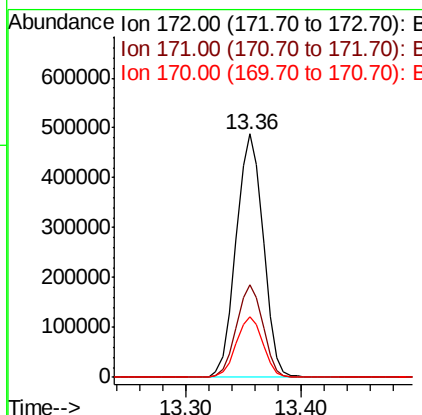
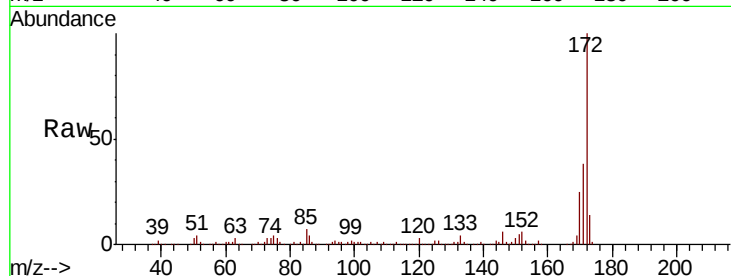




#45
2-Fluorobiphenyl
Concen: 78.283 ng
RT: 13.36 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037706.D
Acq: 1 Nov 2018 6:44

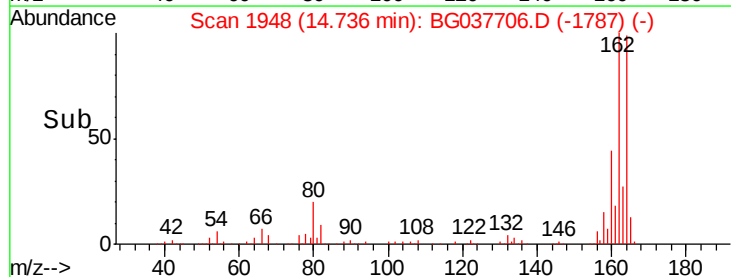
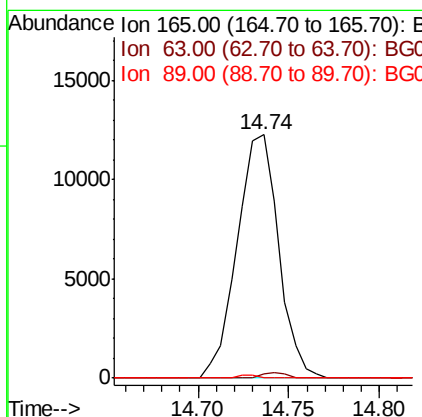
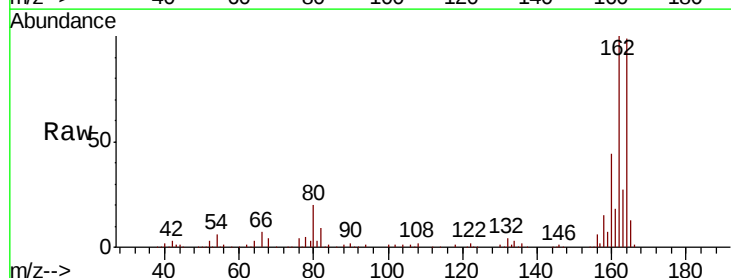
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	24.7	20.2	30.2



#51
2,6-Dinitrotoluene
Concen: 7.458 ng
RT: 14.74 min Scan# 1948
Delta R.T. 0.42 min
Lab File: BG037706.D
Acq: 1 Nov 2018 6:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	43.4	65.2#
89	0.0	45.8	68.6#

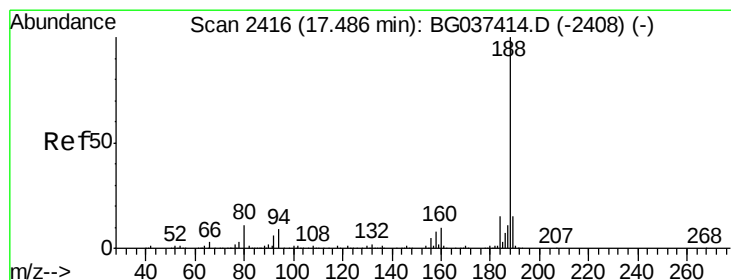
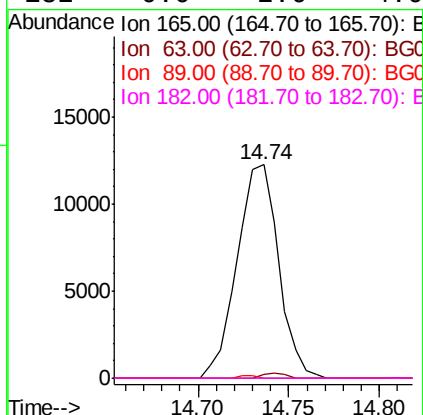
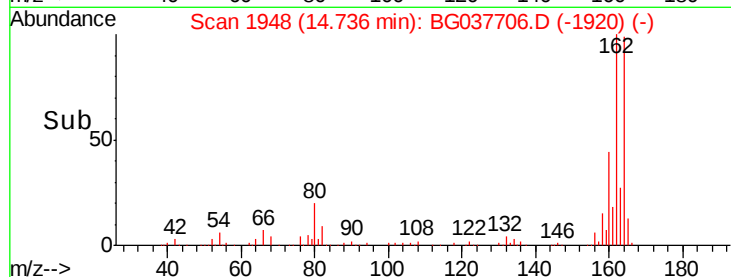
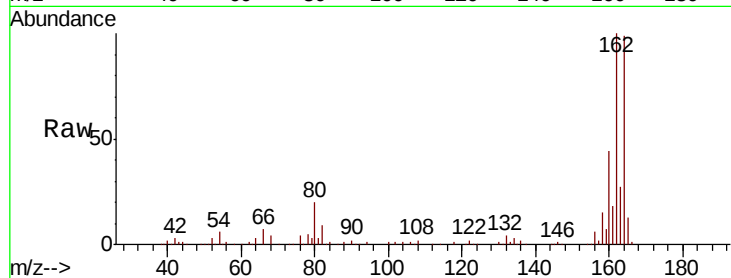




#57
 2,4-Dinitrotoluene
 Concen: 5.681 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. -0.36 min
 Lab File: BG037706.D
 Acq: 1 Nov 2018 6:44

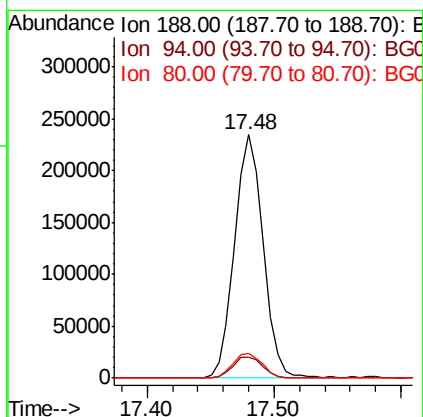
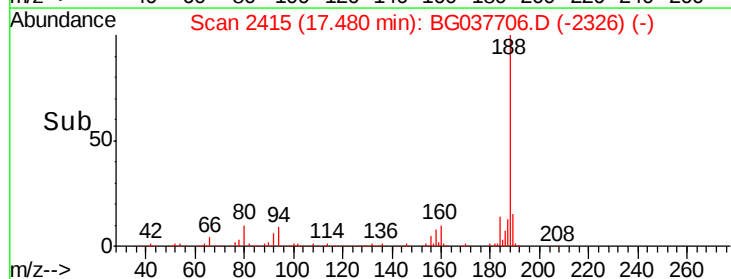
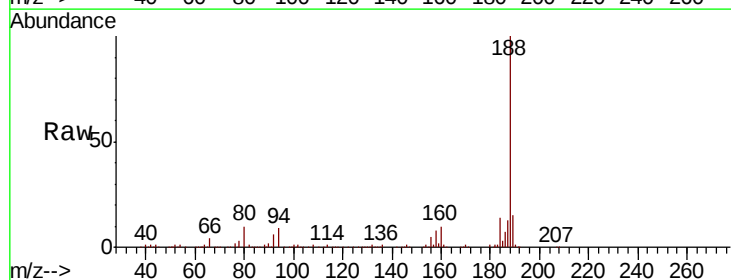
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	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: BG037706.D
 Acq: 1 Nov 2018 6:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	10.1	7.7	11.5

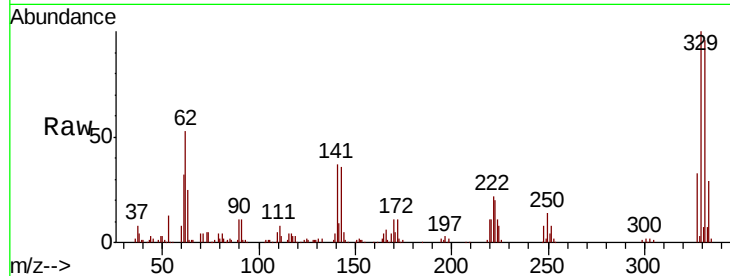




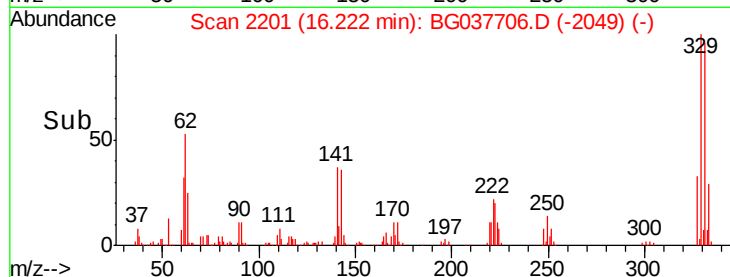
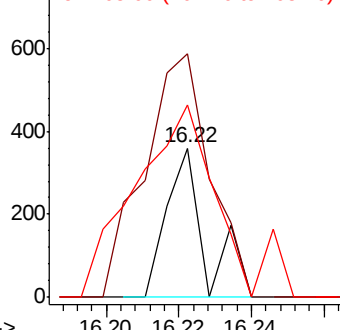
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.621 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.36 min
 Lab File: BG037706.D
 Acq: 1 Nov 2018 6:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	32.9	22.7	62.7
105	26.0	19.7	59.7

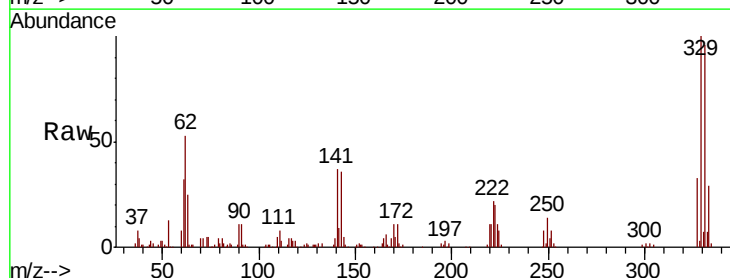


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

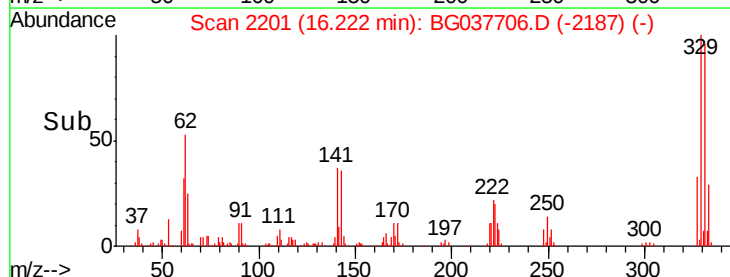
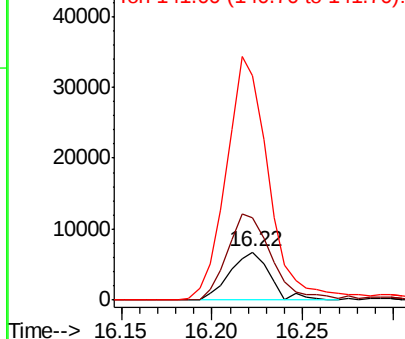


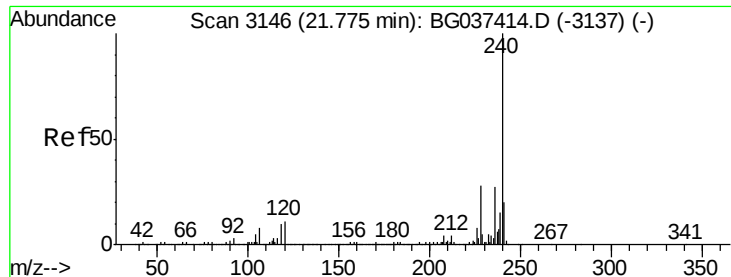
#67
 4-Bromophenyl-phenylether
 Concen: 2.572 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037706.D
 Acq: 1 Nov 2018 6:44

Tgt Ion	Ratio	Lower	Upper
248	100		
250	175.3	77.0	115.6#
141	363.3	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

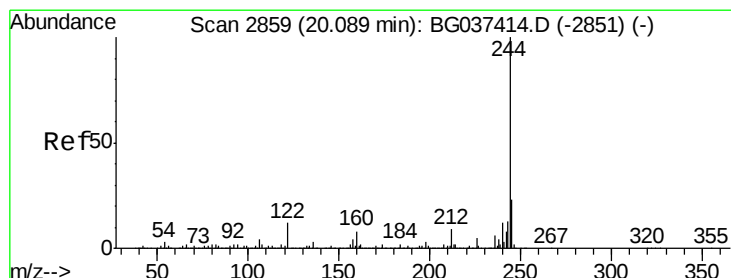
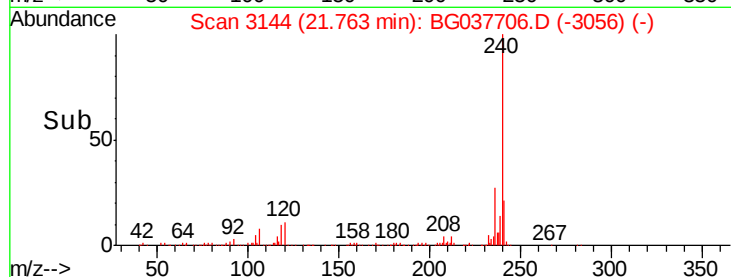
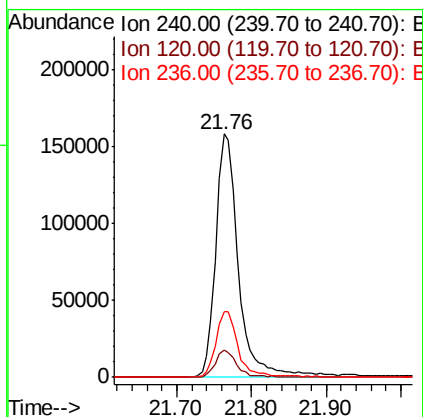
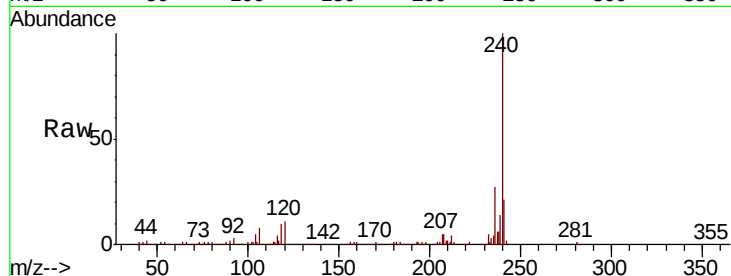




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037706.D
Acq: 1 Nov 2018 6:44

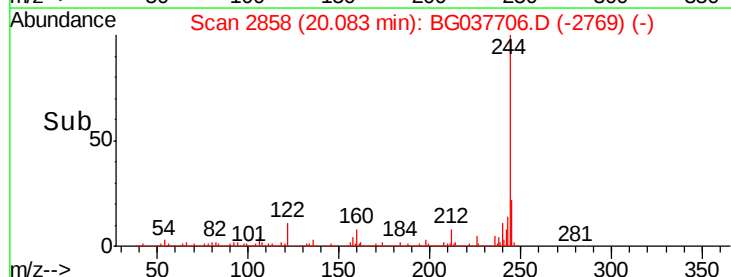
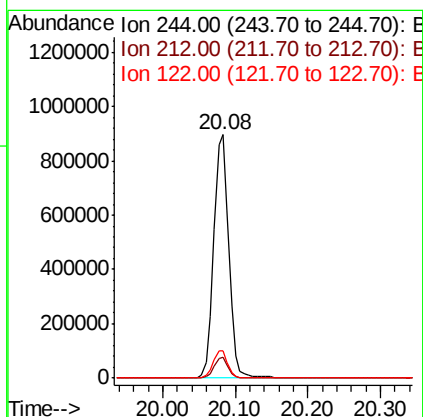
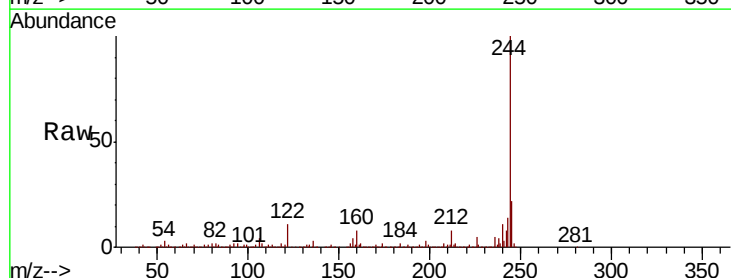
Instrument :
BNA_G
ClientSampleId :

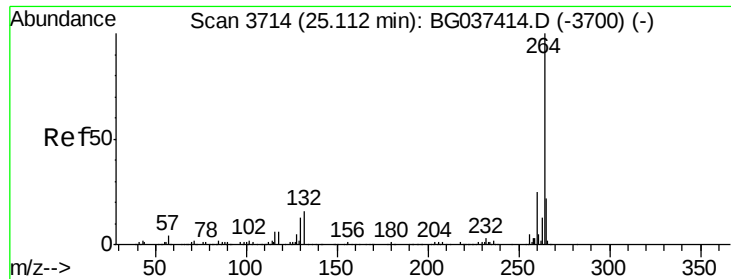
Tot Ion:240 Resp: 335407
Ion Ratio Lower Upper
240 100
120 11.0 8.1 12.1
236 27.1 21.4 32.0



#79
Terphenyl-d14
Concen: 82.739 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037706.D
Acq: 1 Nov 2018 6:44

Tgt Ion:244 Resp: 1298749
Ion Ratio Lower Upper
244 100
212 8.3 6.5 9.7
122 11.2 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037706.D
Acq: 1 Nov 2018 6:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.2	27.4
265	19.1	17.9	26.9

