

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
 Data File : BG037708.D
 Acq On : 1 Nov 2018 8:02
 Operator : JU/SJ
 Sample : J5731-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 01 09:18:47 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

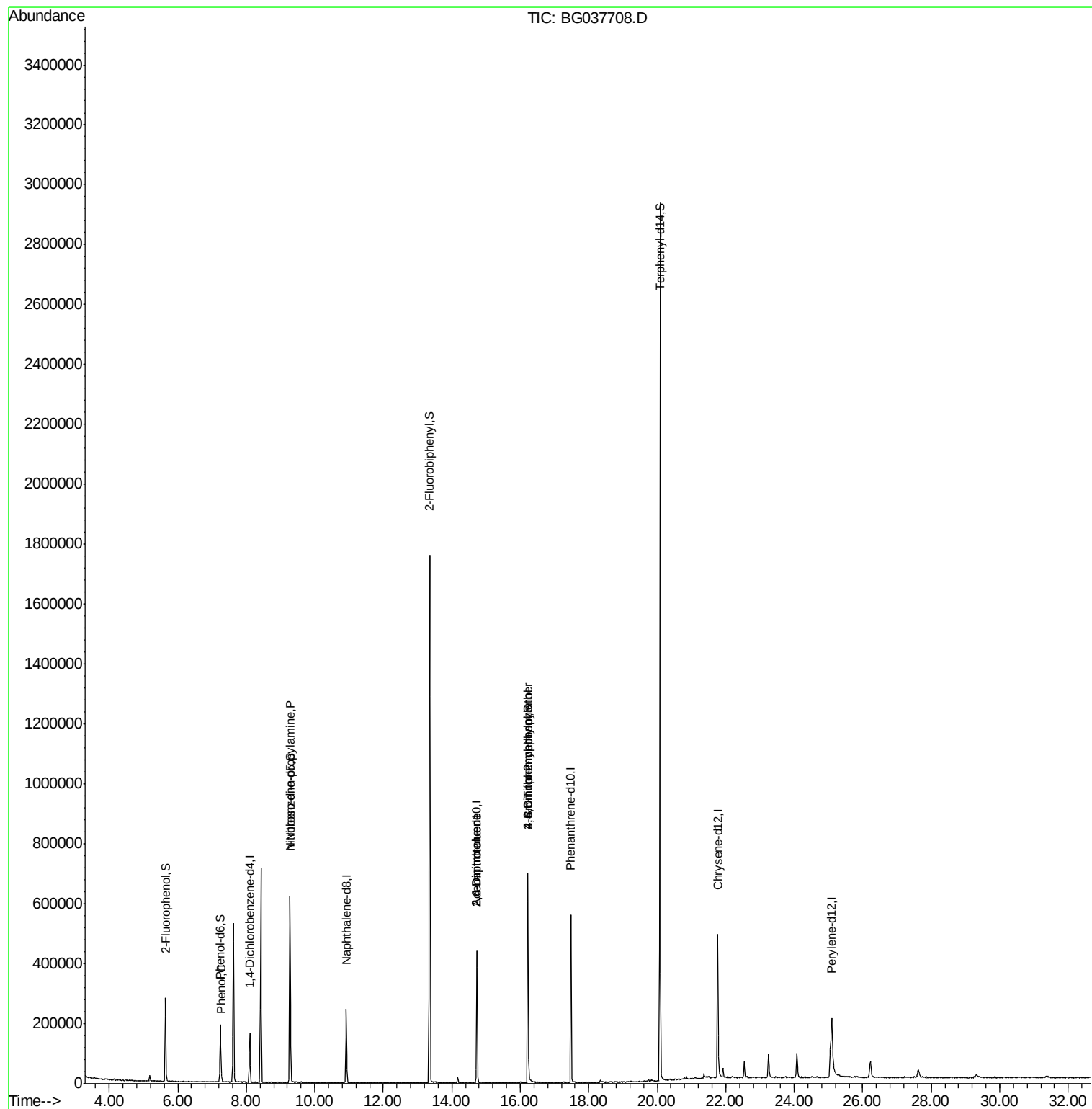
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	50472	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	223078	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	154674	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	366477	20.00	ng	0.00
76) Chrysene-d12	21.77	240	331357	20.00	ng	0.00
87) Perylene-d12	25.10	264	278062	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	134695	44.62	ng	0.00
7) Phenol-d6	7.24	99	124040	27.17	ng	0.00
23) Nitrobenzene-d5	9.27	82	397139	99.73	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	135017	80.03	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	963772	93.96	ng	0.00
79) Terphenyl-d14	20.08	244	1372911	88.53	ng	0.00
Target Compounds						
10) Phenol	7.27	94	22163	4.601	ng	96
19) n-Nitroso-di-n-propylamine	9.27	70	50287	15.997	ng	# 70
51) 2,6-Dinitrotoluene	14.73	165	19694	7.440	ng	# 24
57) 2,4-Dinitrotoluene	14.73	165	19694	5.668	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.22	198	355	8.659	ng	# 74
67) 4-Bromophenyl-phenylether	16.22	248	9219	2.291	ng	# 1

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

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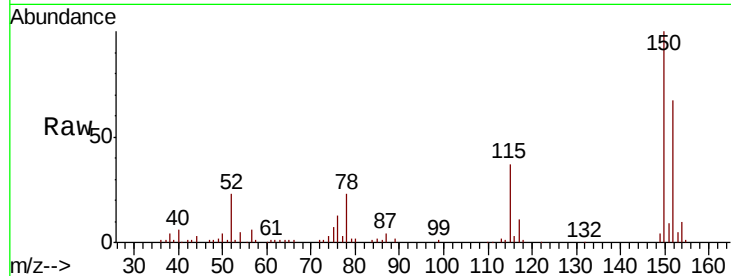


#1

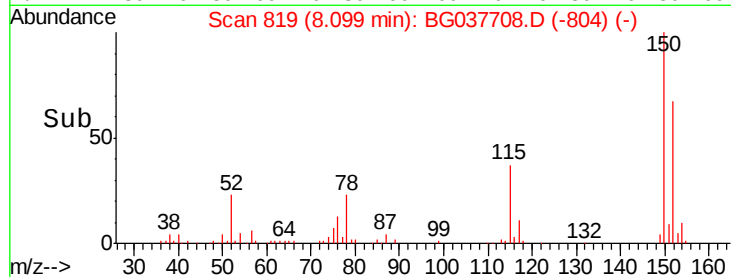
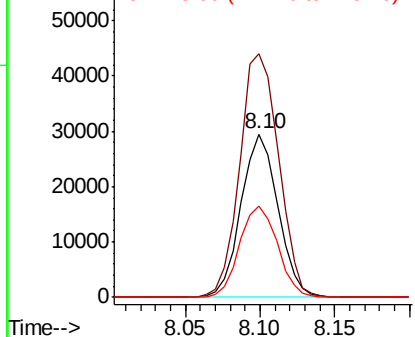
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037708.D
Acq: 1 Nov 2018 8:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 50472
Ion Ratio Lower Upper
152 100
150 148.9 126.0 189.0
115 55.8 45.5 68.3



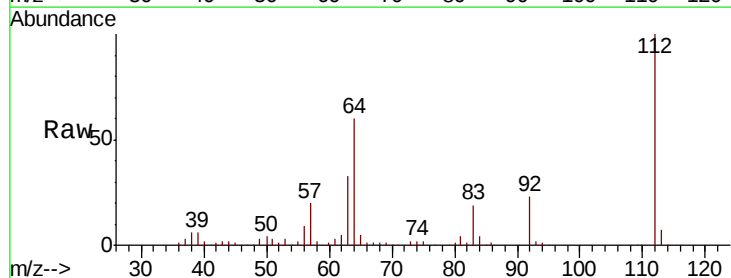
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



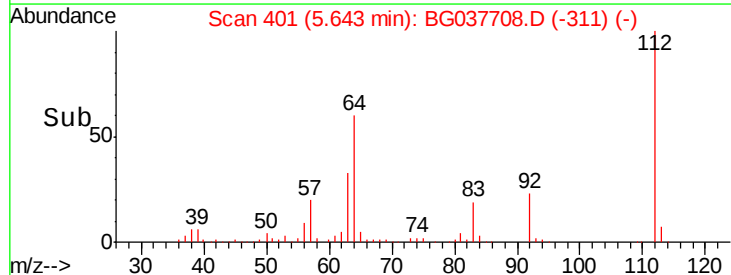
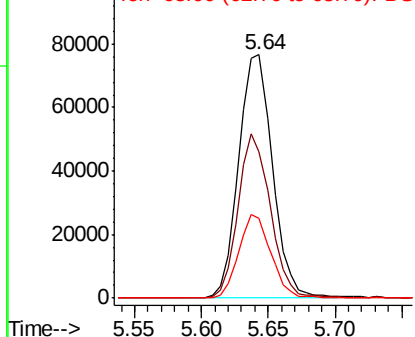
#5

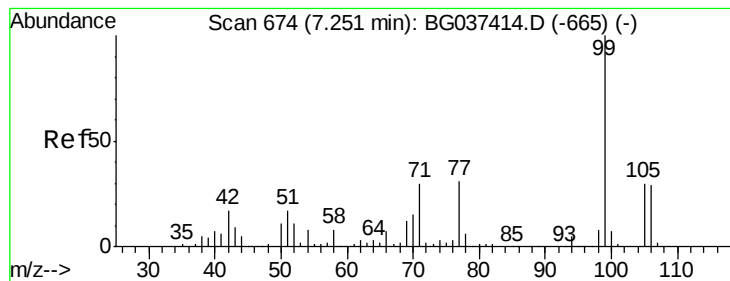
2-Fluorophenol
Concen: 44.617 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037708.D
Acq: 1 Nov 2018 8:02

Tgt Ion:112 Resp: 134695
Ion Ratio Lower Upper
112 100
64 60.0 53.1 79.7
63 32.5 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: 27.172 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037708.D

Acq: 1 Nov 2018 8:02

Instrument :

BNA_G

ClientSampled :

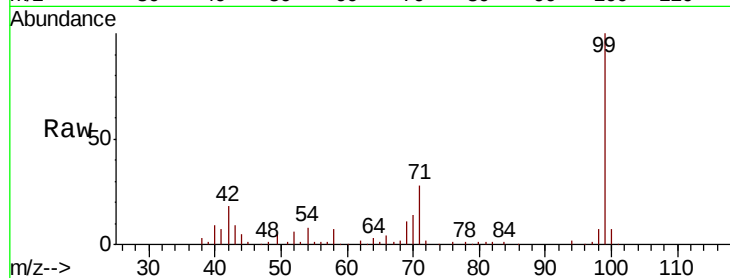
Tot Ion: 99 Resp: 124040

Ion Ratio Lower Upper

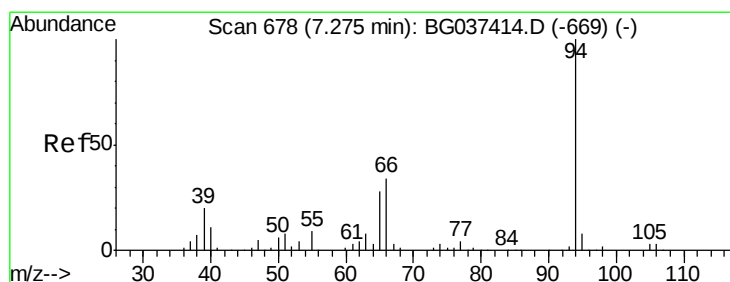
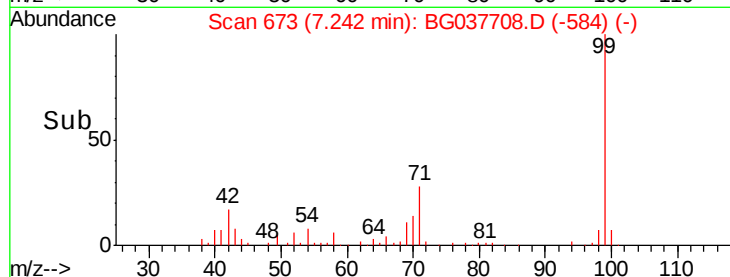
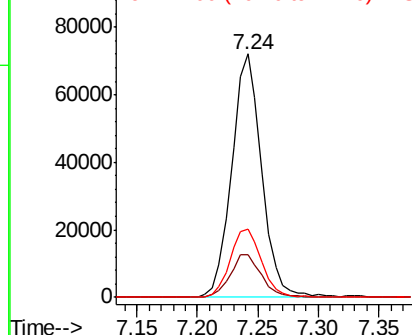
99 100

42 17.6 15.0 22.4

71 27.9 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



#10

Phenol

Concen: 4.601 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037708.D

Acq: 1 Nov 2018 8:02

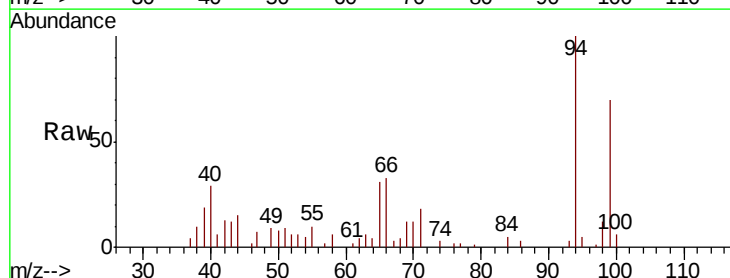
Tgt Ion: 94 Resp: 22163

Ion Ratio Lower Upper

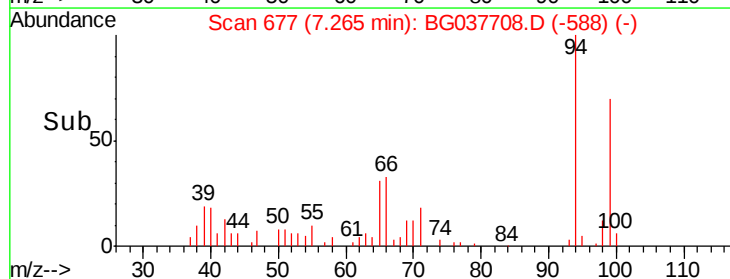
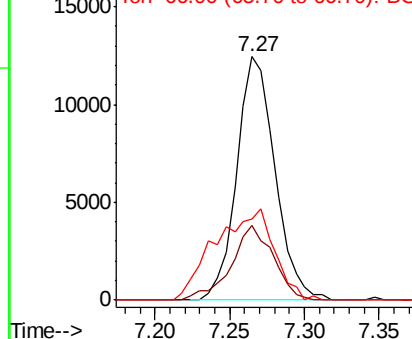
94 100

65 30.8 9.7 49.7

66 33.1 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

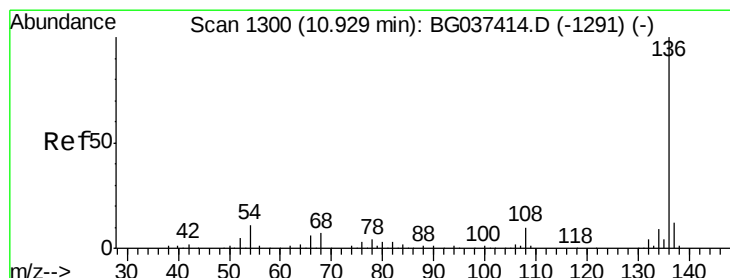
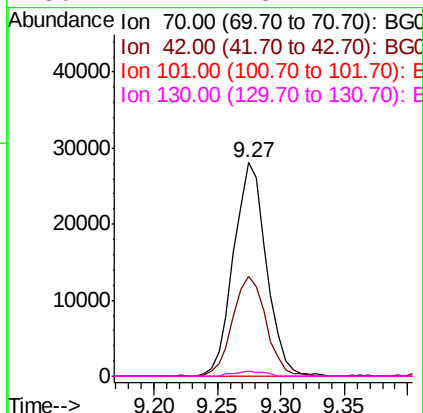
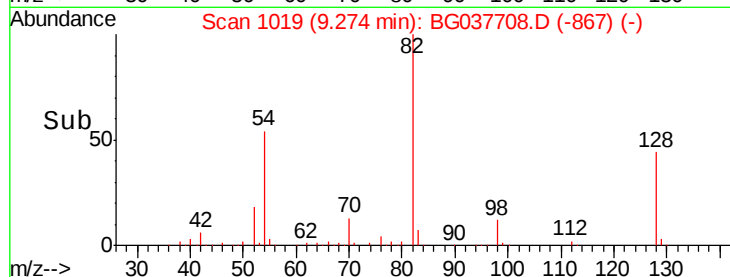
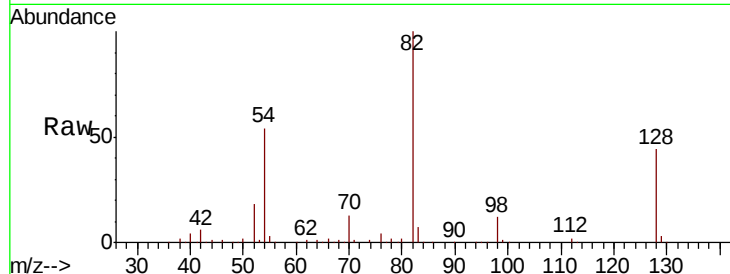




#19
n-Nitroso-di-n-propylamine
Concen: 15.997 ng
RT: 9.27 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037708.D
Acq: 1 Nov 2018 8:02

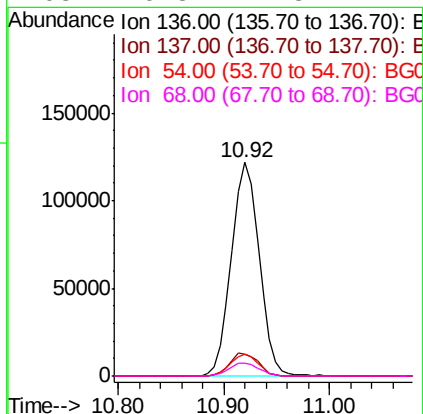
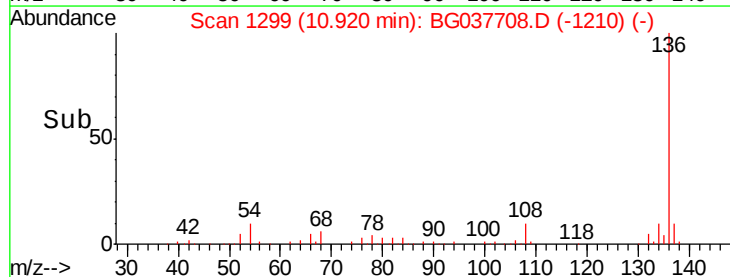
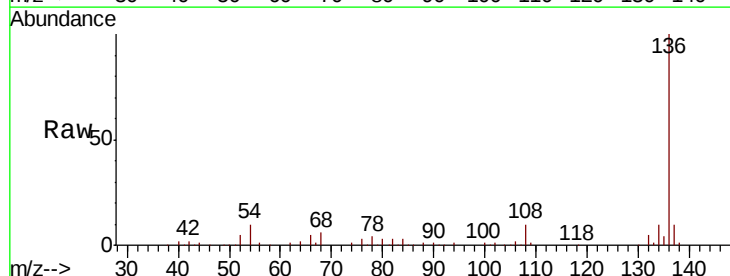
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 50287
Ion Ratio Lower Upper
70 100
42 46.8 53.9 80.9#
101 0.0 8.2 12.2#
130 2.4 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037708.D
Acq: 1 Nov 2018 8:02

Tgt Ion: 136 Resp: 223078
Ion Ratio Lower Upper
136 100
137 10.4 9.6 14.4
54 10.1 7.9 11.9
68 6.3 4.8 7.2

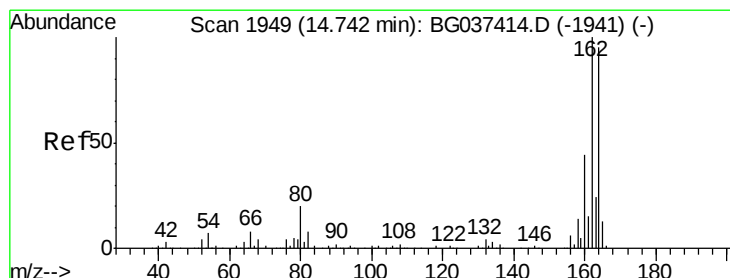
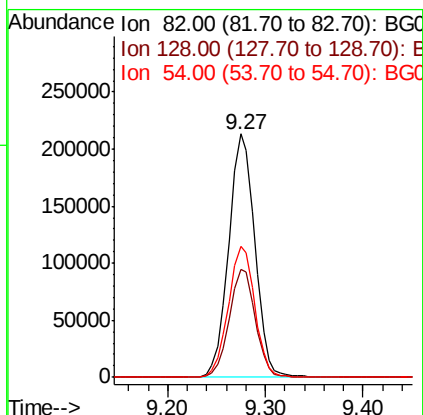
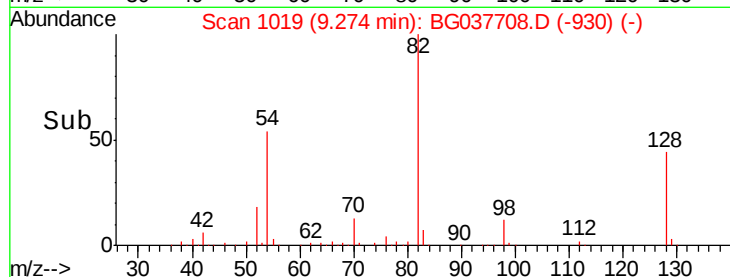
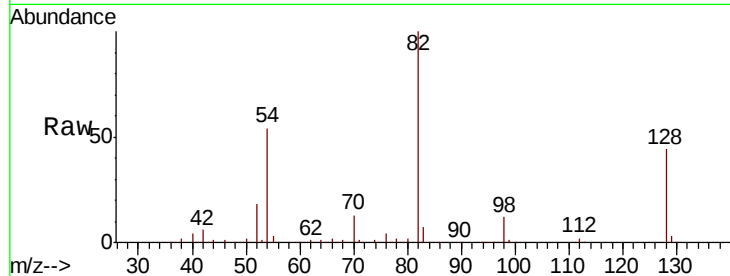




#23
Nitrobenzene-d5
Concen: 99.729 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037708.D
Acq: 1 Nov 2018 8:02

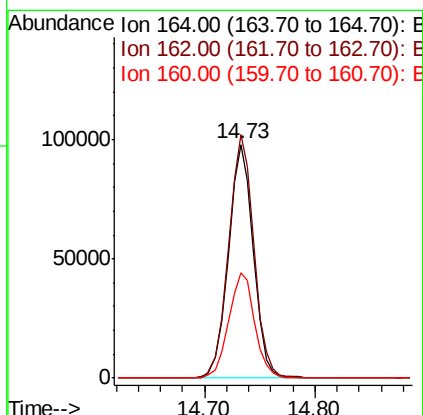
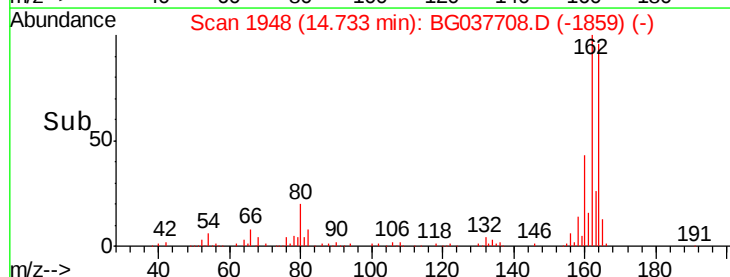
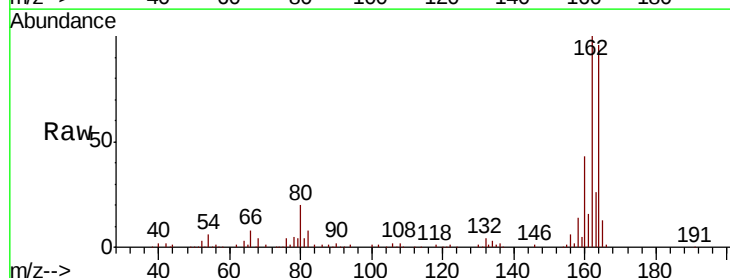
Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	397139
Ion Ratio	100	Lower	Upper
128	44.2	34.6	51.8
54	53.6	45.3	67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037708.D
Acq: 1 Nov 2018 8:02

Tgt Ion	164	Resp	154674
Ion Ratio	100	Lower	Upper
162	104.2	81.3	121.9
160	45.2	36.3	54.5

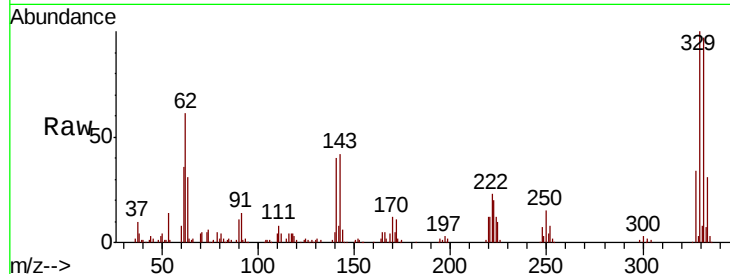




#42
 2,4,6-Tribromophenol
 Concen: 80.033 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037708.D
 Acq: 1 Nov 2018 8:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.4	117.6
141	38.6	32.2	48.2

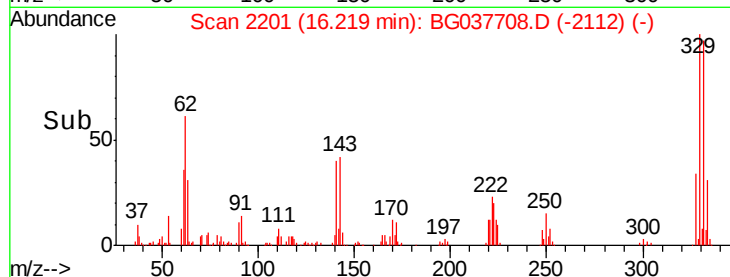
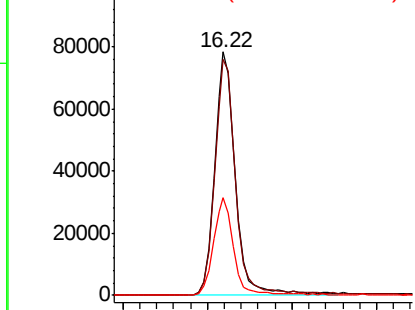


Abundance

Ion 329.80 (329.50 to 330.50): E

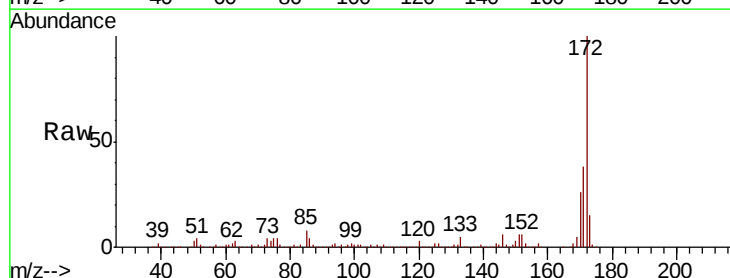
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 93.960 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037708.D
 Acq: 1 Nov 2018 8:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	25.8	20.2	30.2

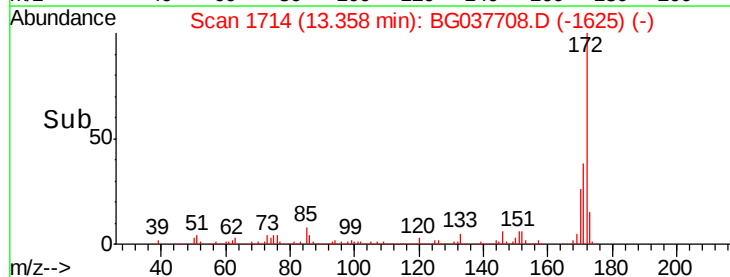
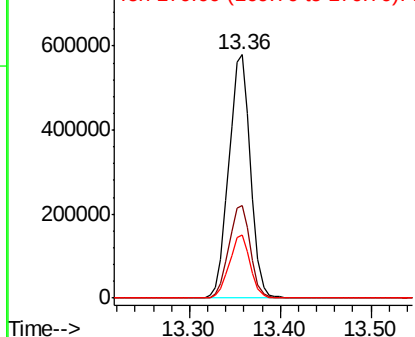


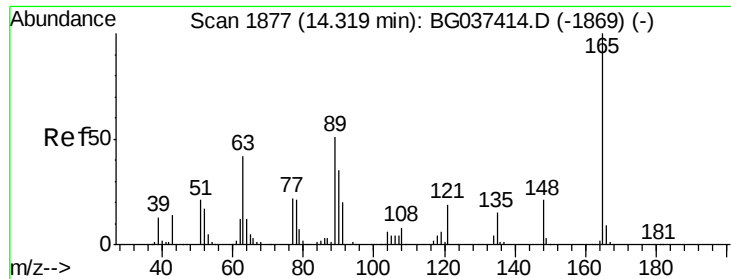
Abundance

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

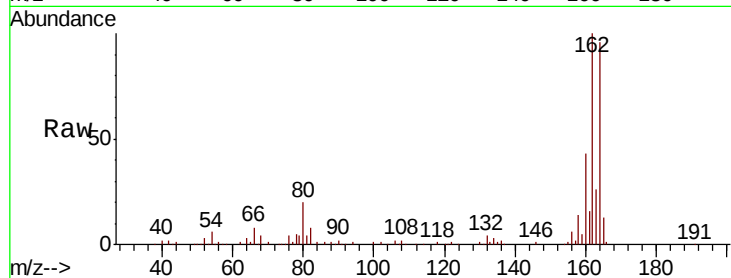




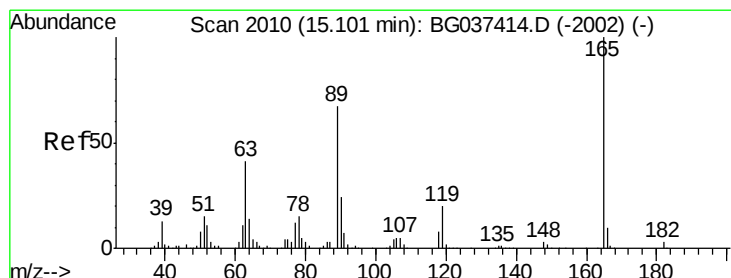
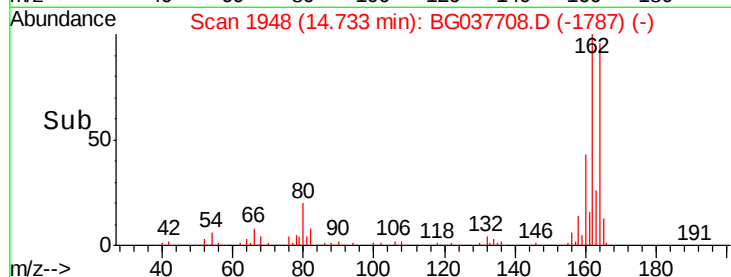
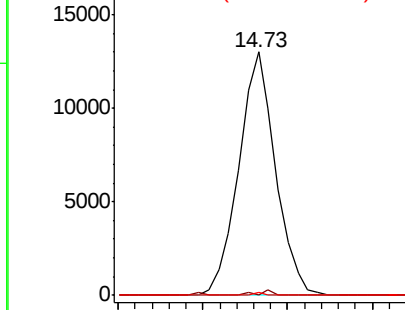
#51
 2,6-Dinitrotoluene
 Concen: 7.440 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. 0.41 min
 Lab File: BG037708.D
 Acq: 1 Nov 2018 8:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	1.3	45.8	68.6#

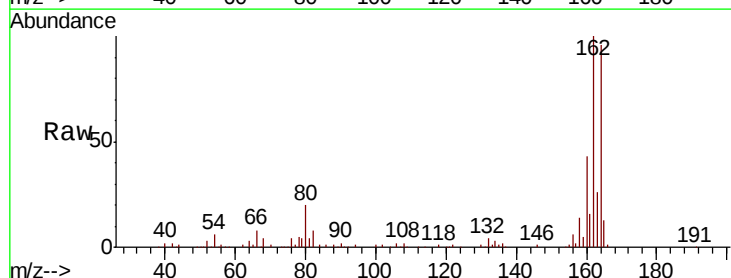


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

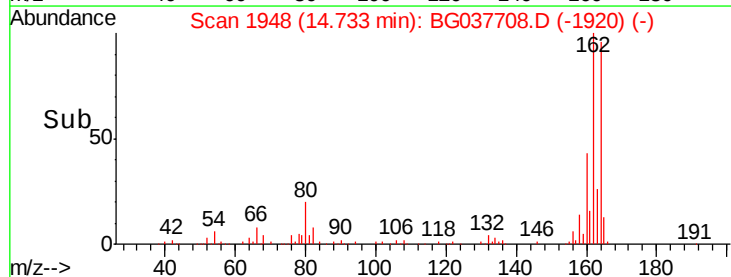
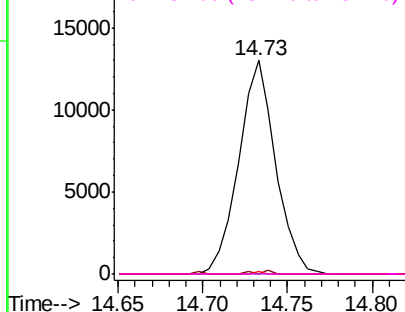


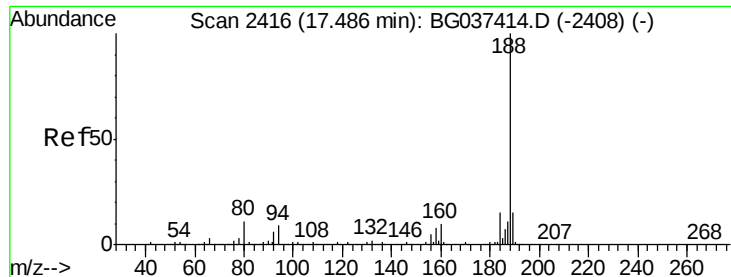
#57
 2,4-Dinitrotoluene
 Concen: 5.668 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037708.D
 Acq: 1 Nov 2018 8:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	1.3	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: BG037708.D

Acq: 1 Nov 2018 8:02

Instrument :

BNA_G

ClientSampleId :

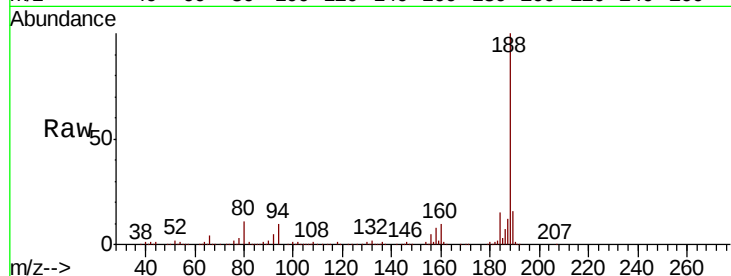
Tot Ion:188 Resp: 366477

Ion Ratio Lower Upper

188 100

94 9.7 7.2 10.8

80 10.9 7.7 11.5

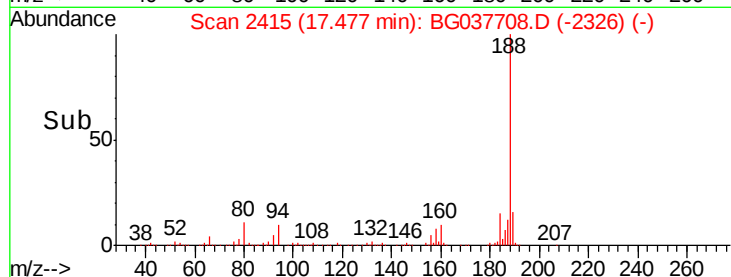


Abundance Ion 188.00 (187.70 to 188.70): E

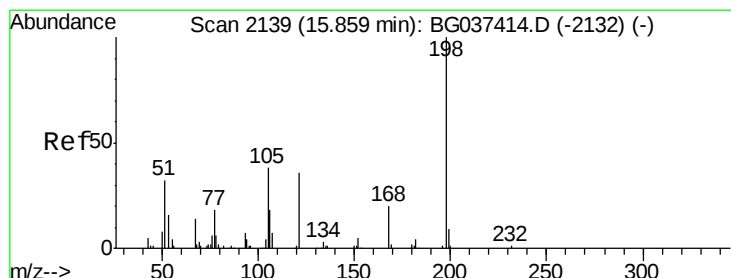
Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

Time-->



Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 8.659 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.36 min

Lab File: BG037708.D

Acq: 1 Nov 2018 8:02

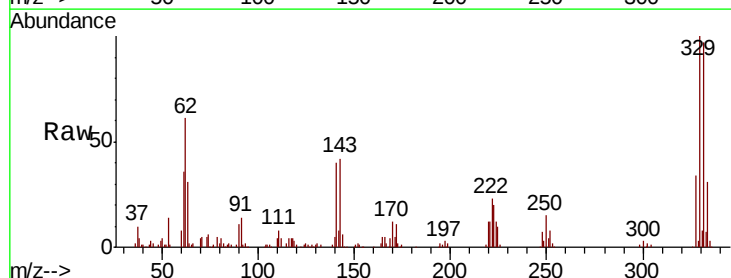
Tgt Ion:198 Resp: 355

Ion Ratio Lower Upper

198 100

51 20.9 22.7 62.7#

105 28.7 19.7 59.7

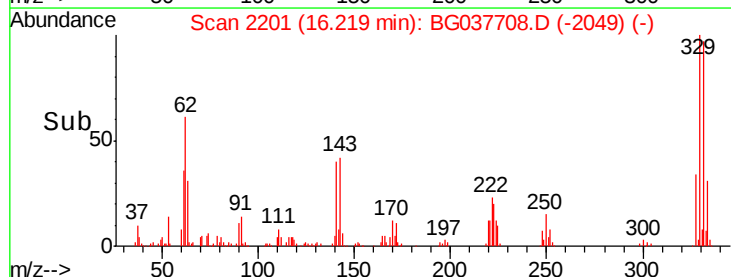


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

Time-->



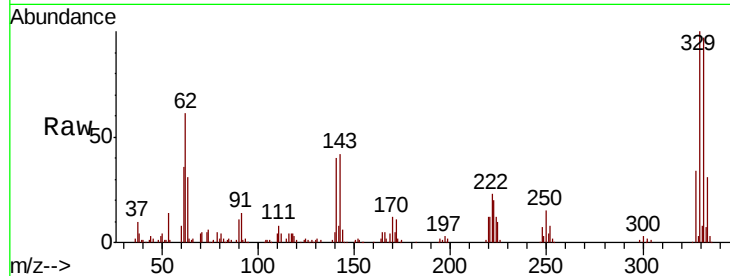
Time-->



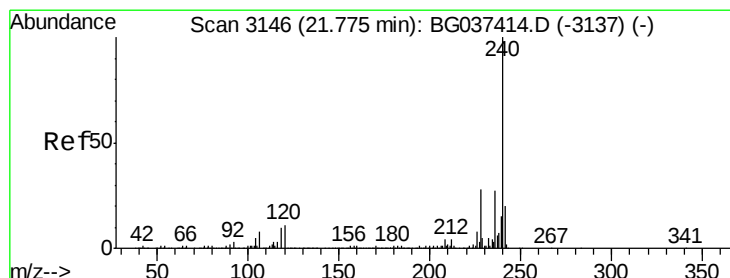
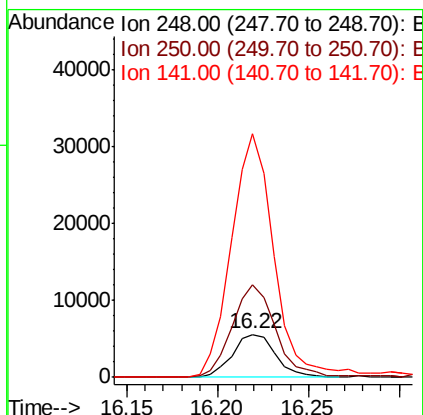
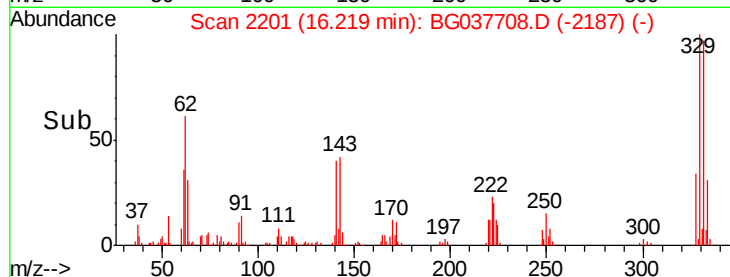
#67
 4-Bromophenyl-phenylether
 Concen: 2.291 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037708.D
 Acq: 1 Nov 2018 8:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 9219
 Ion Ratio Lower Upper
 248 100
 250 204.0 77.0 115.6#
 141 417.1 55.5 83.3#

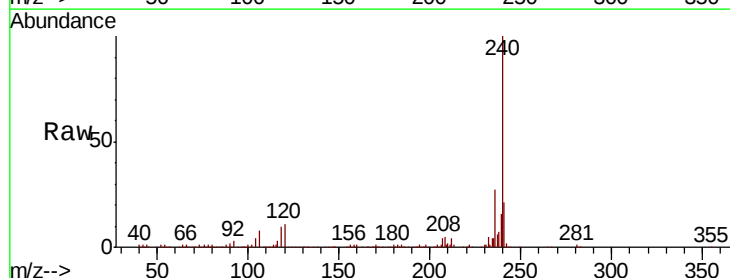


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

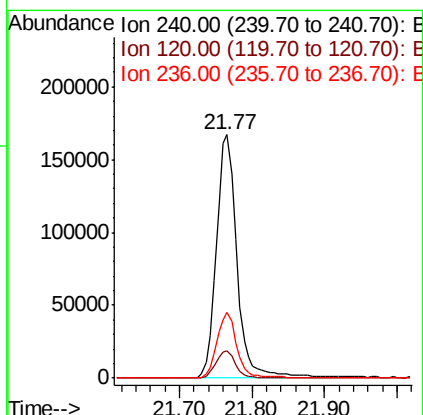
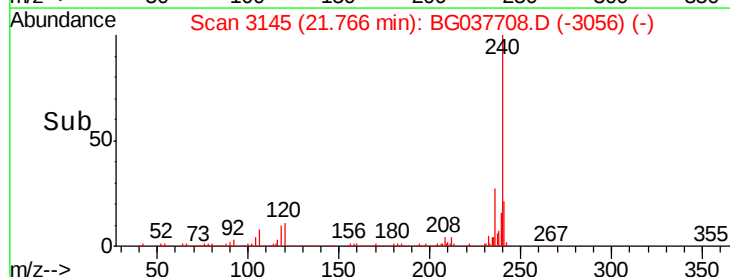


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037708.D
 Acq: 1 Nov 2018 8:02

Tgt Ion:240 Resp: 331357
 Ion Ratio Lower Upper
 240 100
 120 11.4 8.1 12.1
 236 27.2 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: 88.533 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037708.D

Acq: 1 Nov 2018 8:02

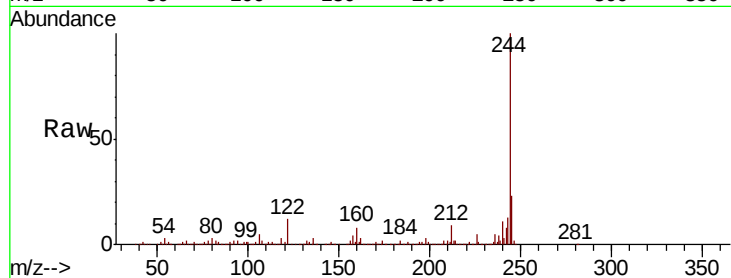
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1372911

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.5	9.7
122	11.8	9.0	13.4

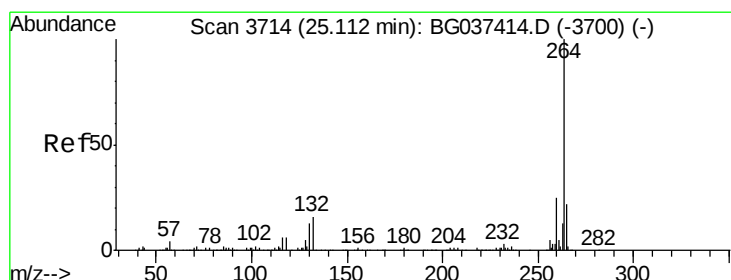
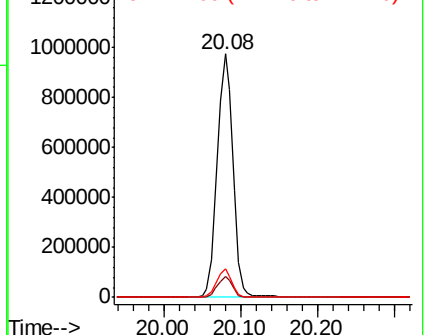
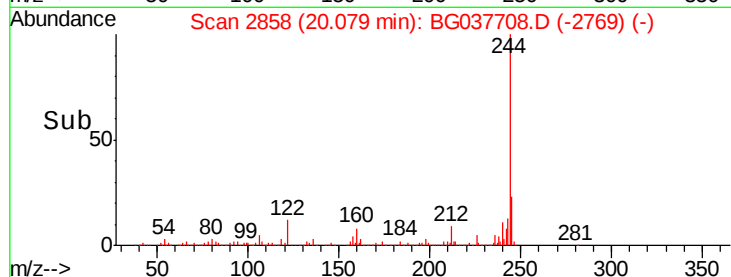


Abundance

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: 25.10 min Scan# 3712

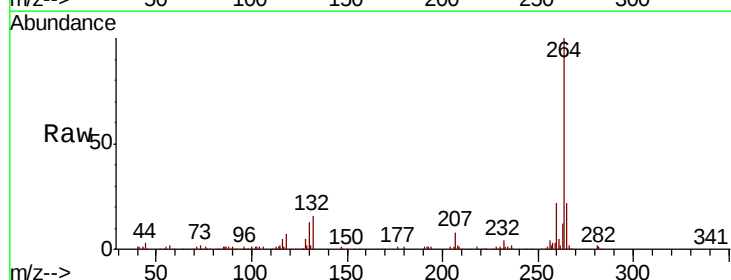
Delta R.T. -0.02 min

Lab File: BG037708.D

Acq: 1 Nov 2018 8:02

Tgt Ion:264 Resp: 278062

Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.2	27.4
265	21.9	17.9	26.9



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

