

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
 Data File : BG037744.D
 Acq On : 2 Nov 2018 7:34
 Operator : JU/SJ
 Sample : J5741-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 02 08:12:51 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

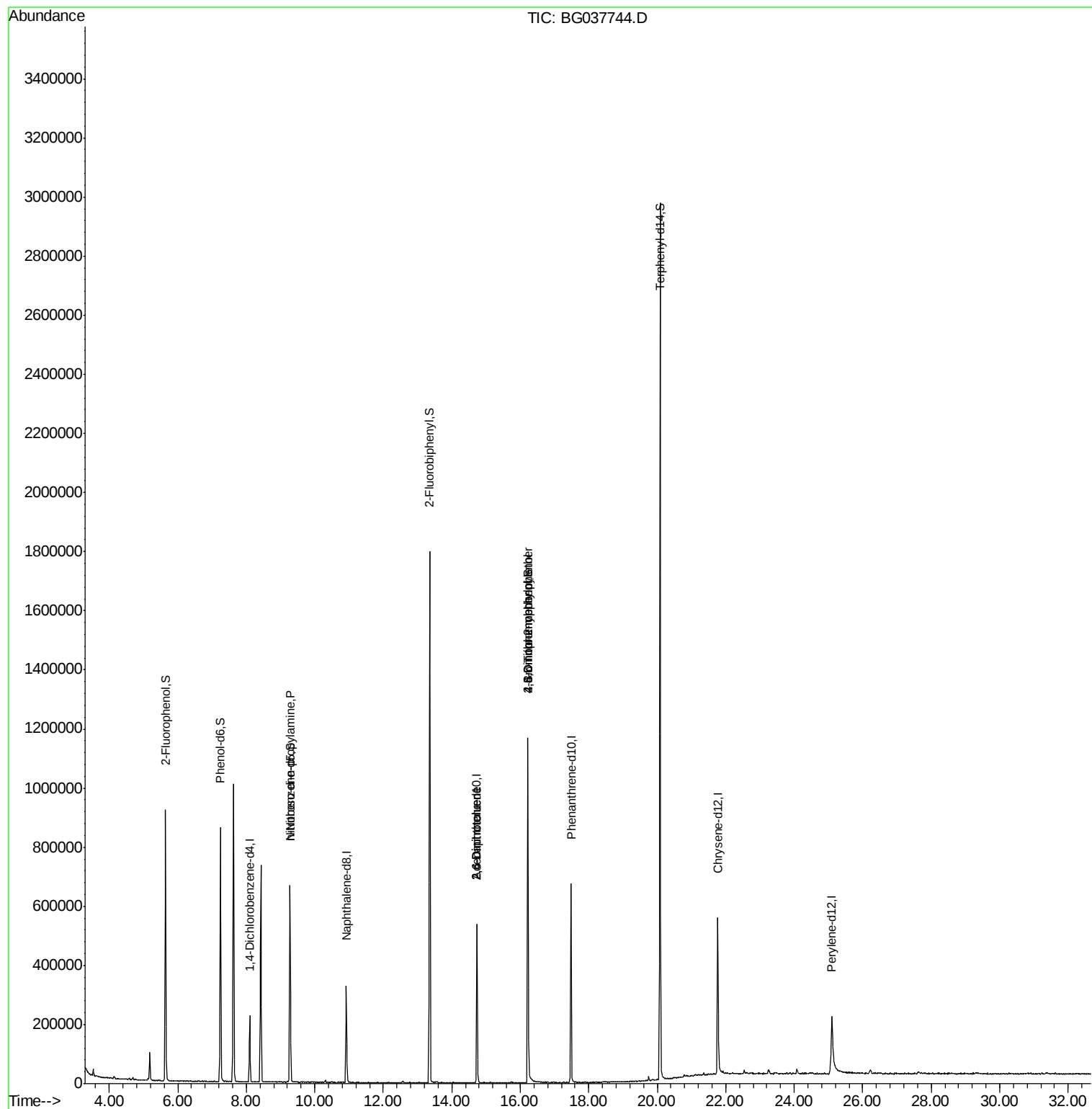
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	66182	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	299994	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	194974	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	435342	20.00	ng	0.00
76) Chrysene-d12	21.77	240	386182	20.00	ng	0.00
87) Perylene-d12	25.10	264	302037	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	422642	106.77	ng	0.00
7) Phenol-d6	7.24	99	553721	92.50	ng	0.00
23) Nitrobenzene-d5	9.27	82	426422	79.63	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	230179	108.24	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1002881	77.56	ng	0.00
79) Terphenyl-d14	20.08	244	1503761	83.20	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	54102	13.125	ng	# 70
51) 2,6-Dinitrotoluene	14.74	165	25701	7.702	ng	# 26
57) 2,4-Dinitrotoluene	14.74	165	25701	5.868	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	674	8.750	ng	86
67) 4-Bromophenyl-phenylether	16.22	248	16434	3.438	ng	# 1

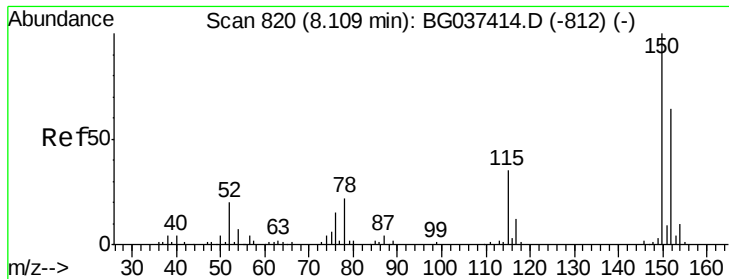
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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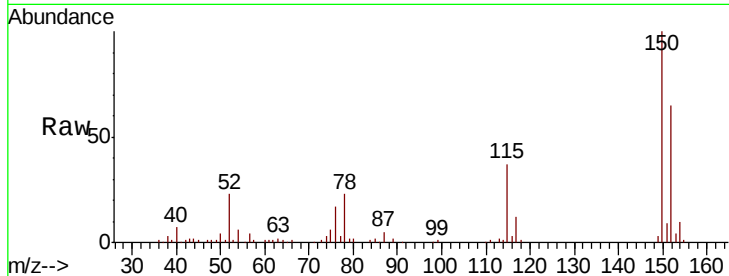


#1

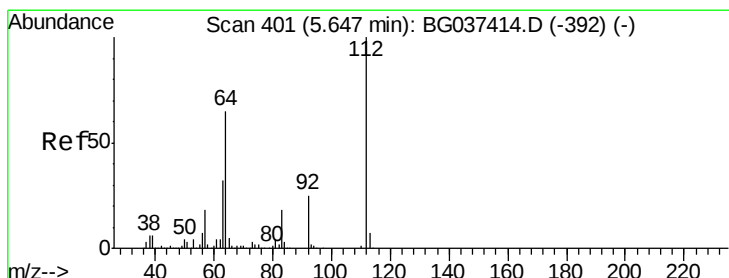
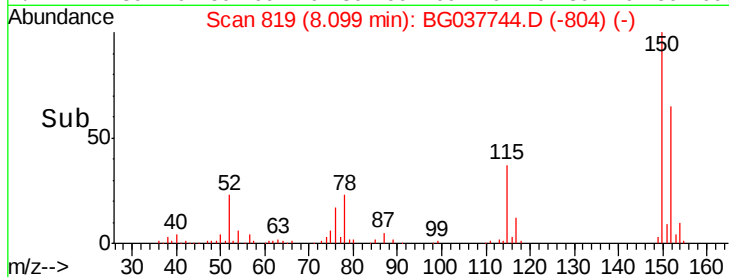
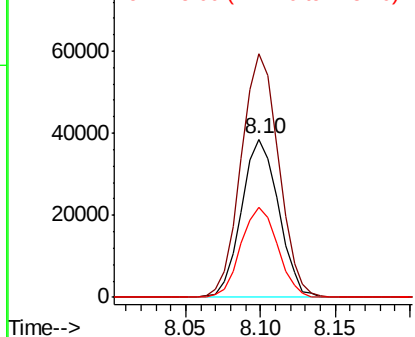
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037744.D
Acq: 2 Nov 2018 7:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 66182
Ion Ratio Lower Upper
152 100
150 153.6 126.0 189.0
115 57.1 45.5 68.3



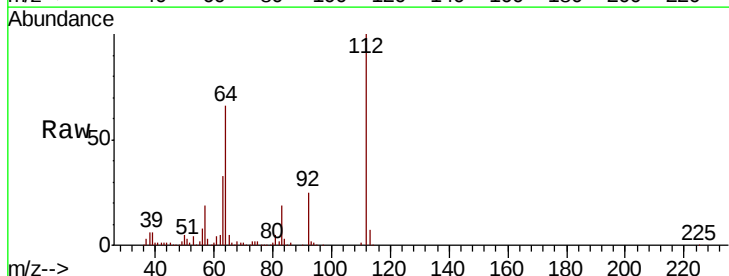
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



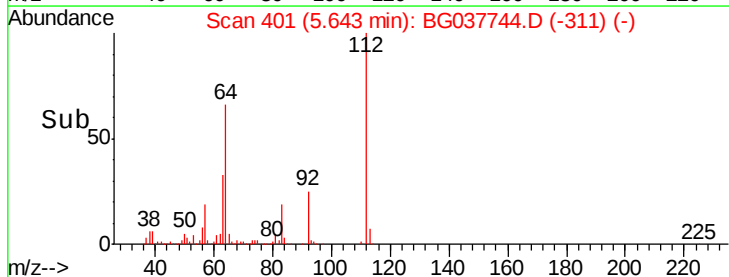
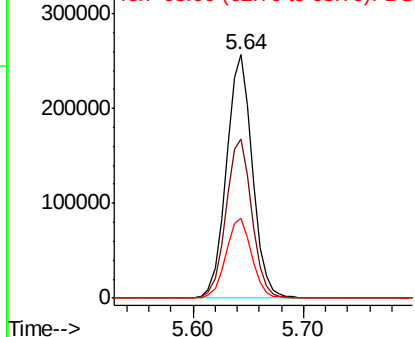
#5

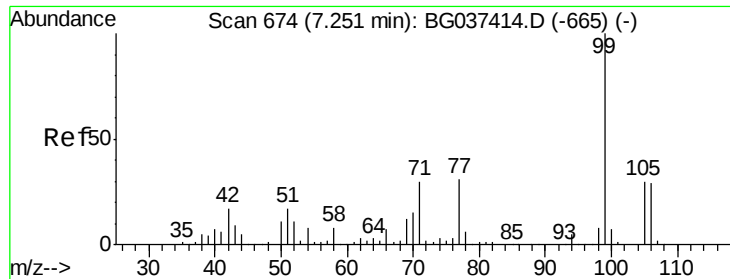
2-Fluorophenol
Concen: 106.765 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037744.D
Acq: 2 Nov 2018 7:34

Tgt Ion:112 Resp: 422642
Ion Ratio Lower Upper
112 100
64 65.6 53.1 79.7
63 32.6 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: 92.504 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037744.D

Acq: 2 Nov 2018 7:34

Instrument :

BNA_G

ClientSampleId :

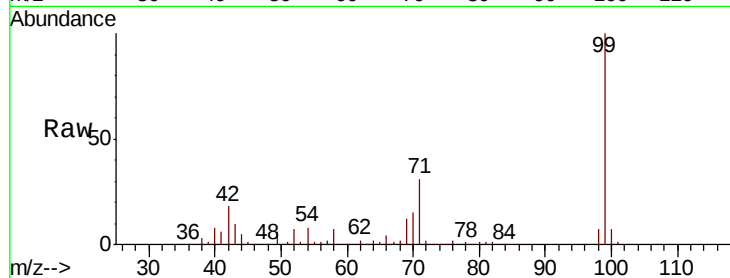
Tot Ion: 99 Resp: 553721

Ion Ratio Lower Upper

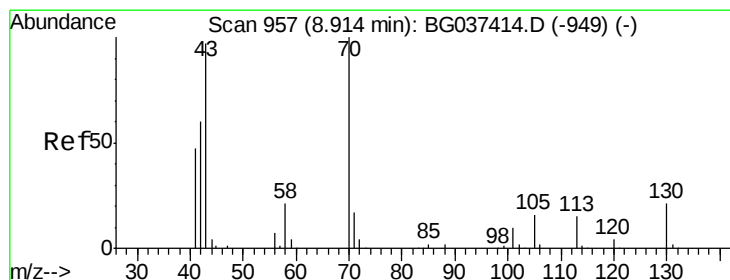
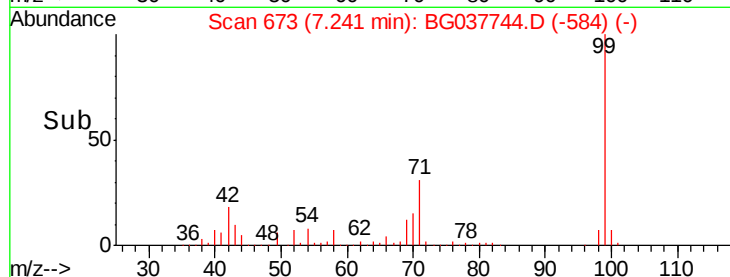
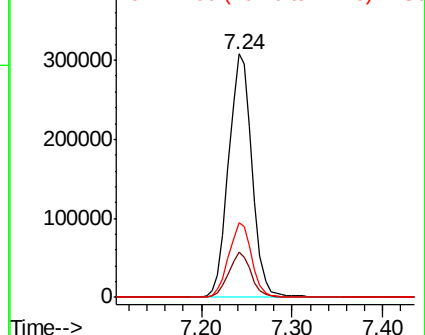
99 100

42 18.5 15.0 22.4

71 30.8 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: 13.125 ng

RT: 9.27 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037744.D

Acq: 2 Nov 2018 7:34

Tgt Ion: 70 Resp: 54102

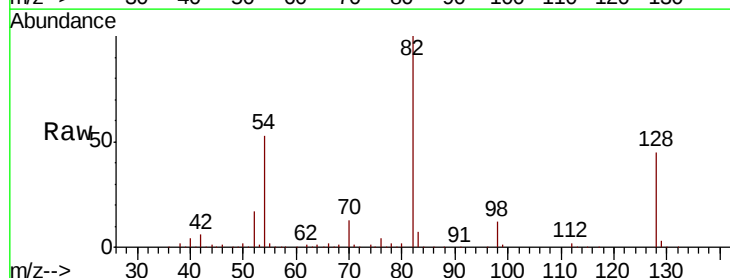
Ion Ratio Lower Upper

70 100

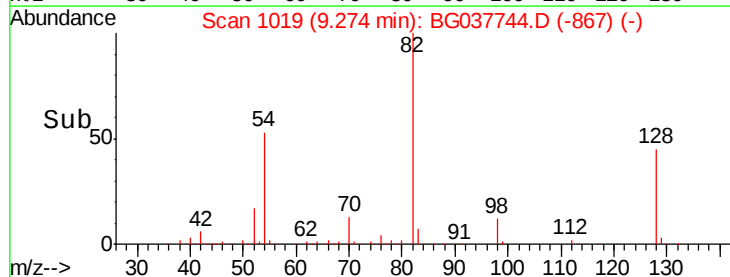
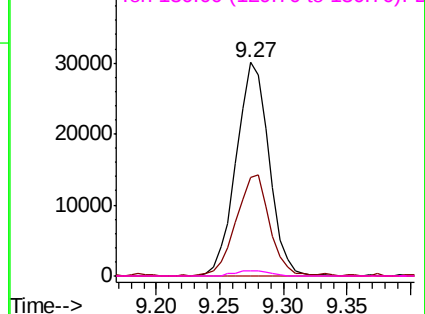
42 46.3 53.9 80.9#

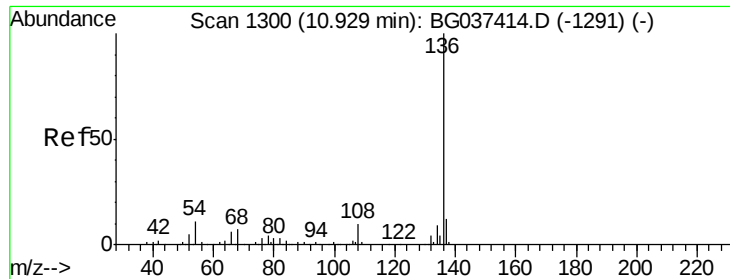
101 0.0 8.2 12.2#

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

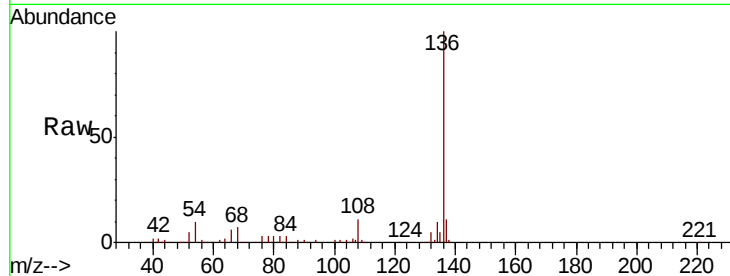




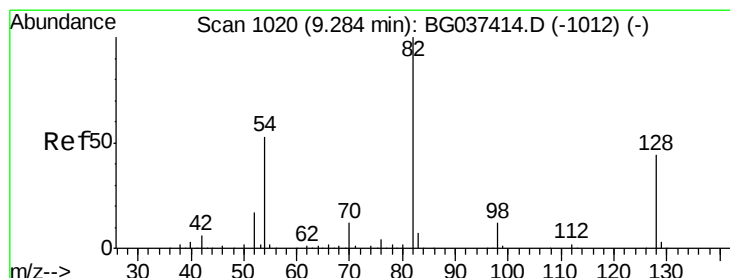
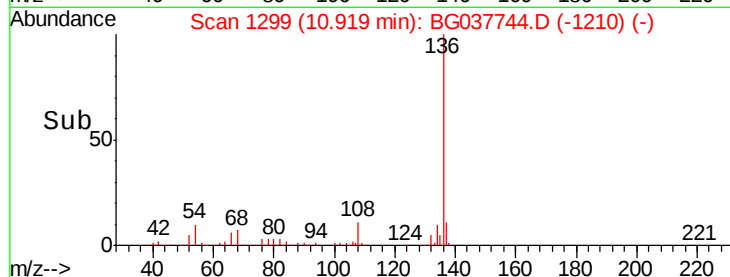
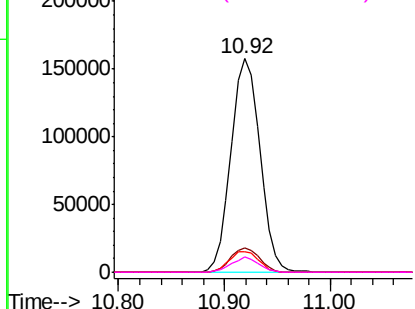
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037744.D
Acq: 2 Nov 2018 7:34

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	299994
Ion	Ratio	Lower Upper
136	100	
137	11.4	9.6 14.4
54	9.8	7.9 11.9
68	7.1	4.8 7.2

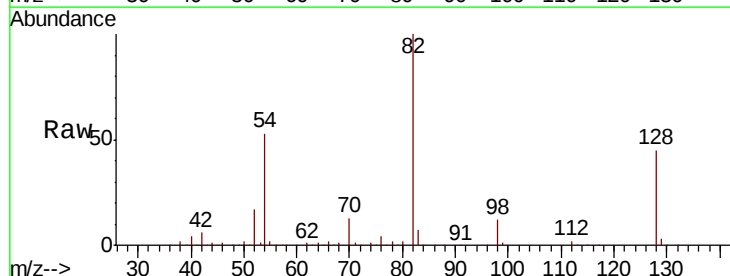


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

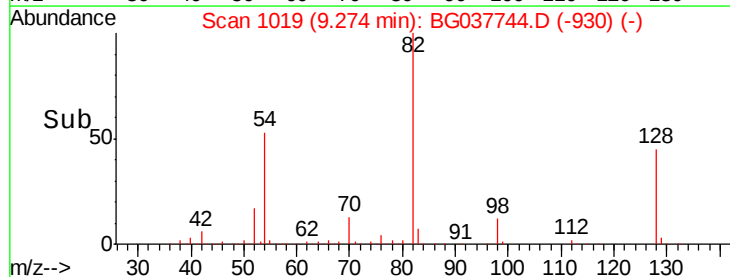
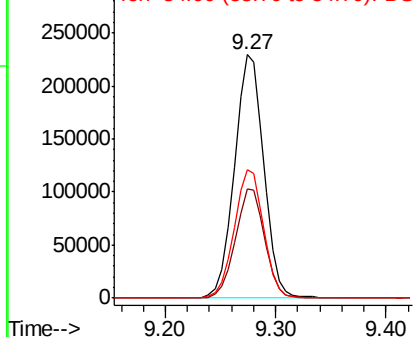


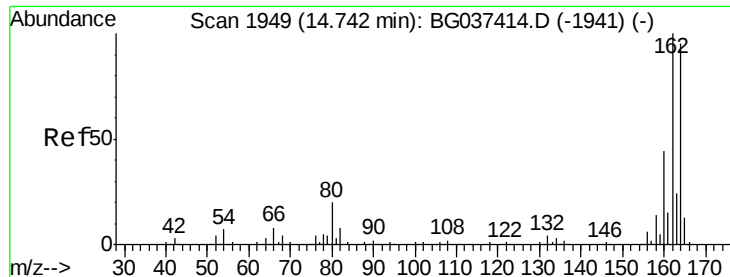
#23
Nitrobenzene-d5
Concen: 79.627 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037744.D
Acq: 2 Nov 2018 7:34

Tgt Ion: 82	Resp:	426422
Ion	Ratio	Lower Upper
82	100	
128	44.8	34.6 51.8
54	52.9	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# 1948

Delta R.T. -0.01 min

Lab File: BG037744.D

Acq: 2 Nov 2018 7:34

Instrument :

BNA_G

ClientSampleId :

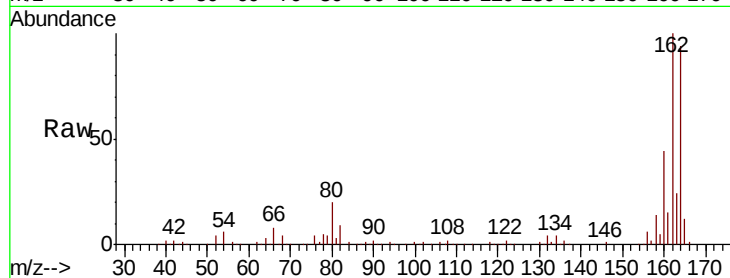
Tot Ion:164 Resp: 194974

Ion Ratio Lower Upper

164 100

162 106.6 81.3 121.9

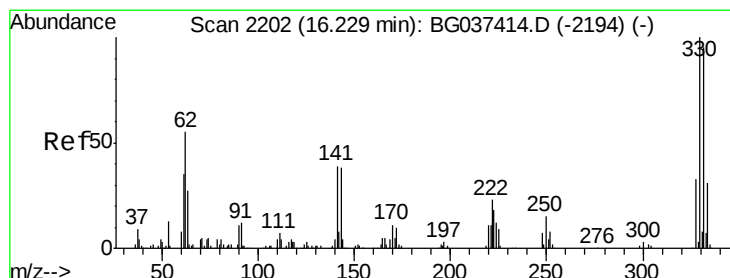
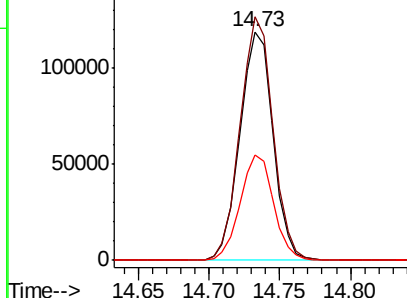
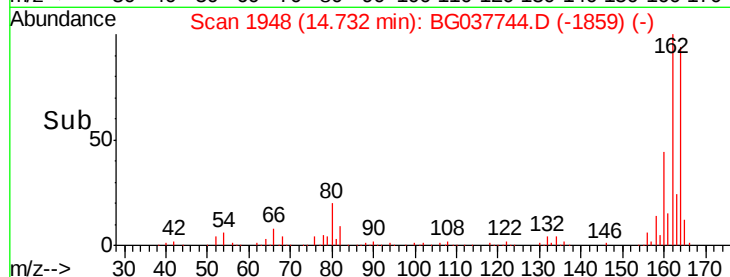
160 46.4 36.3 54.5



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: 108.240 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037744.D

Acq: 2 Nov 2018 7:34

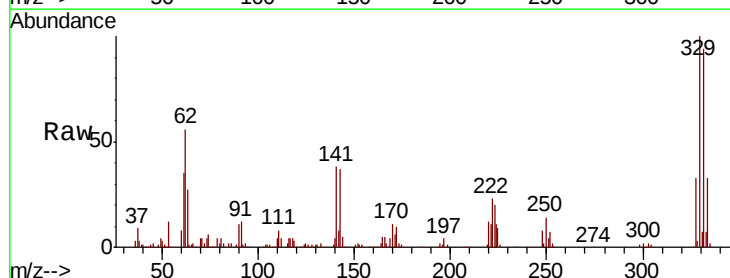
Tgt Ion:330 Resp: 230179

Ion Ratio Lower Upper

330 100

332 95.8 78.4 117.6

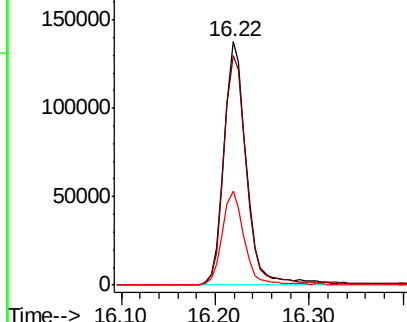
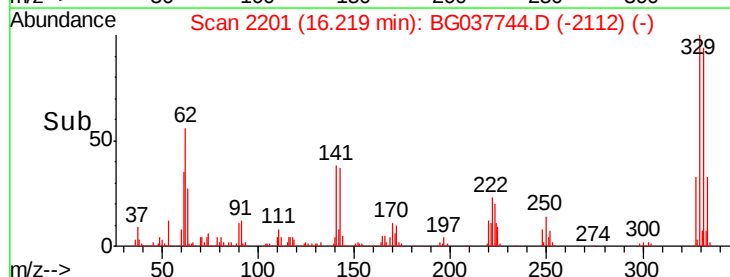
141 37.6 32.2 48.2

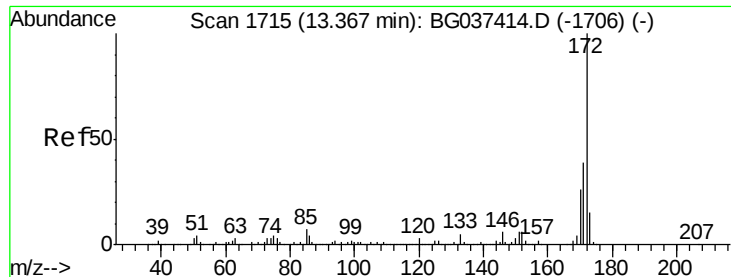


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



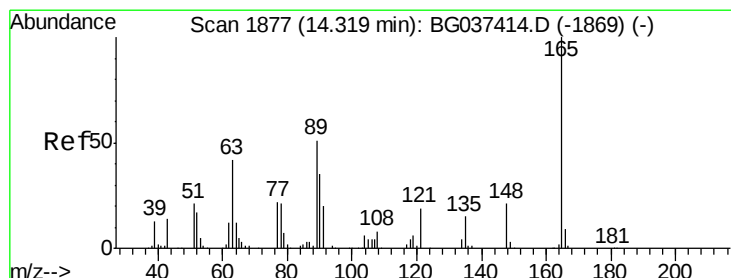
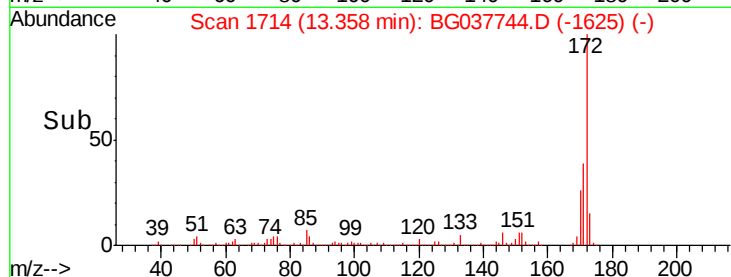
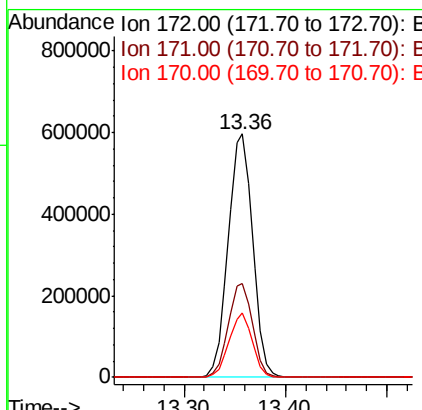
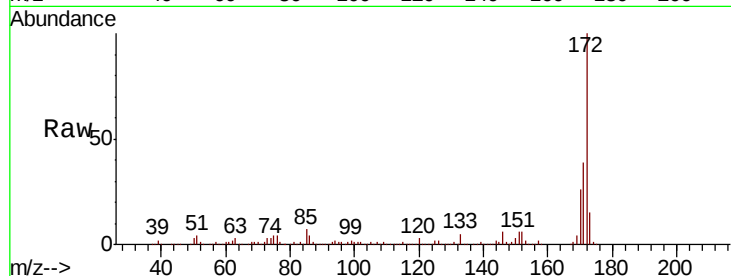


#45
 2-Fluorobiphenyl
 Concen: 77.564 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037744.D
 Acq: 2 Nov 2018 7:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1002881

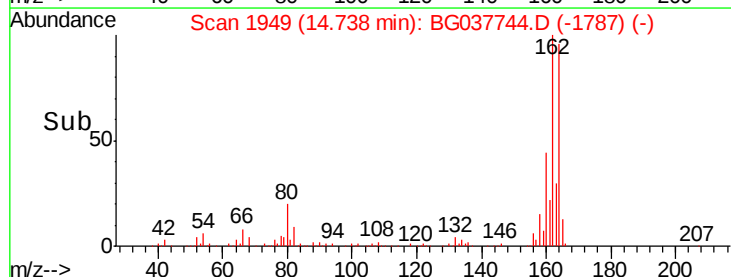
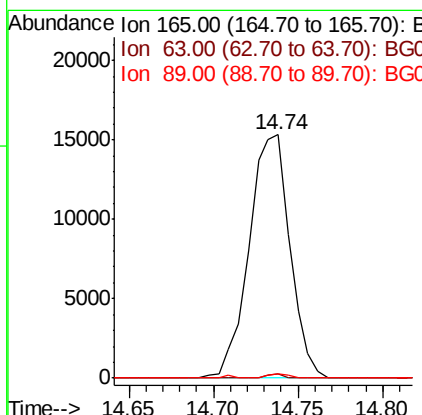
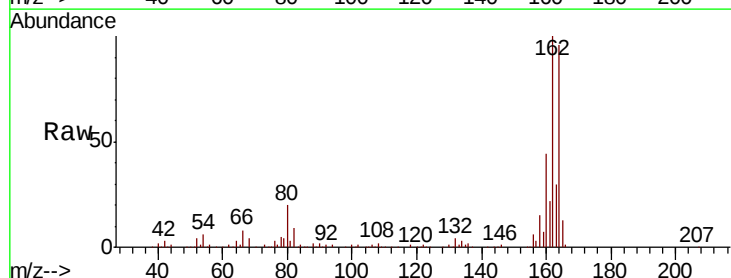
Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.0	46.4
170	26.4	20.2	30.2

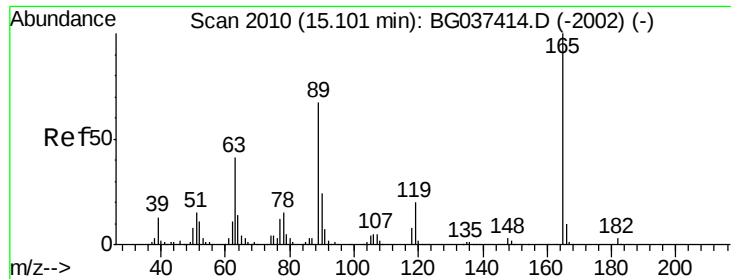


#51
 2,6-Dinitrotoluene
 Concen: 7.702 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. 0.42 min
 Lab File: BG037744.D
 Acq: 2 Nov 2018 7:34

Tgt Ion:165 Resp: 25701

Ion	Ratio	Lower	Upper
165	100		
63	1.7	43.4	65.2#
89	1.5	45.8	68.6#

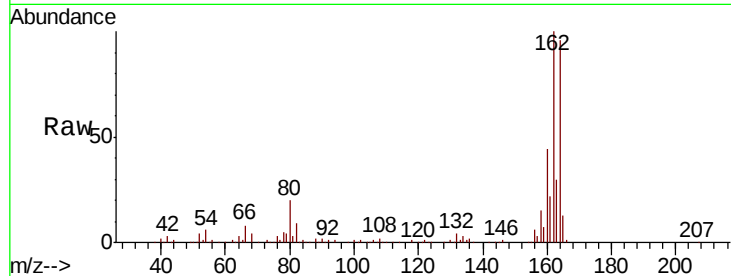




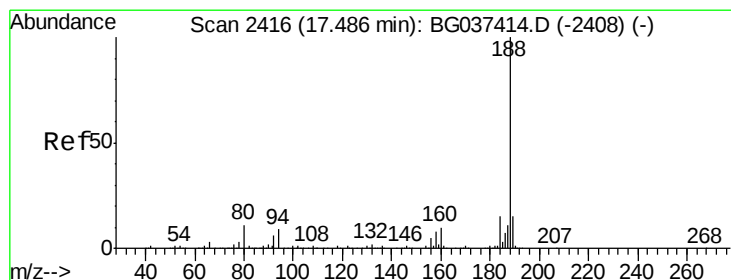
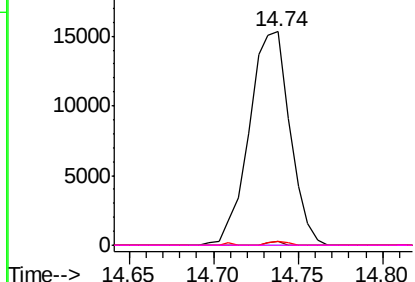
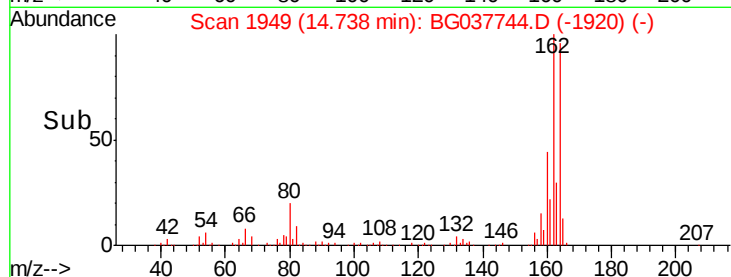
#57
 2,4-Dinitrotoluene
 Concen: 5.868 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.36 min
 Lab File: BG037744.D
 Acq: 2 Nov 2018 7:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	33.4	50.0#
89	1.5	57.2	85.8#
182	0.0	2.6	4.0#

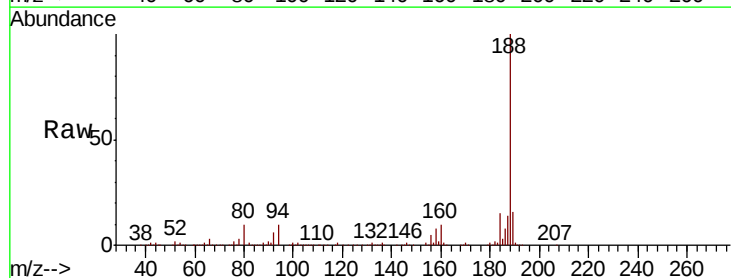


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

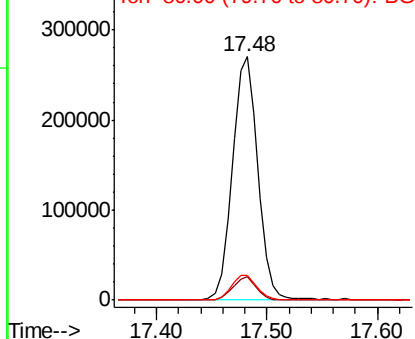
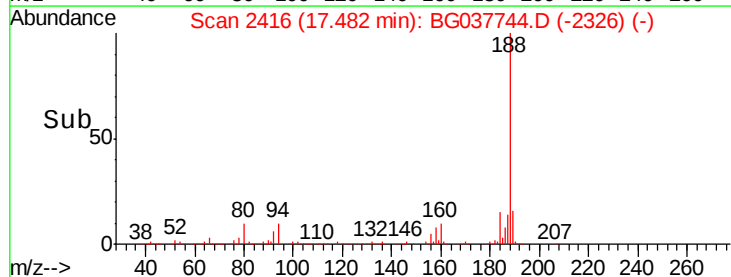


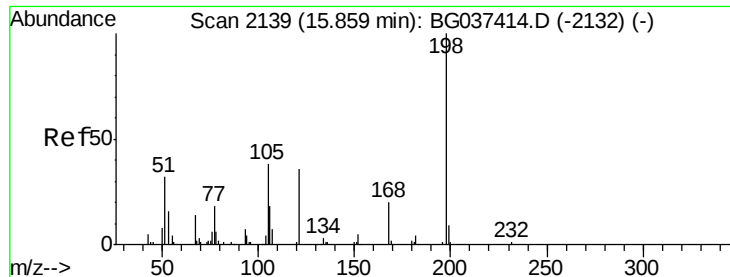
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037744.D
 Acq: 2 Nov 2018 7:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.2	10.8
80	10.3	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: 8.750 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.36 min

Lab File: BG037744.D

Acq: 2 Nov 2018 7:34

Instrument :

BNA_G

ClientSampleId :

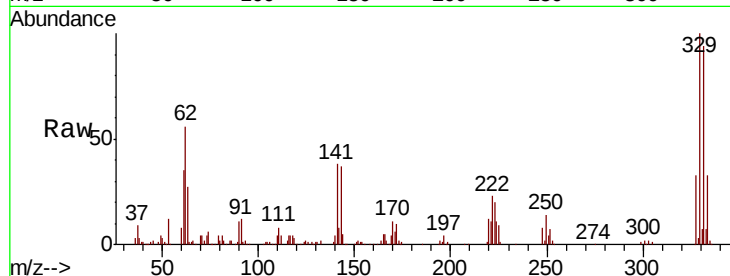
Tot Ion:198 Resp: 674

Ion Ratio Lower Upper

198 100

51 35.3 22.7 62.7

105 29.1 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

1200

1000

800

600

400

200

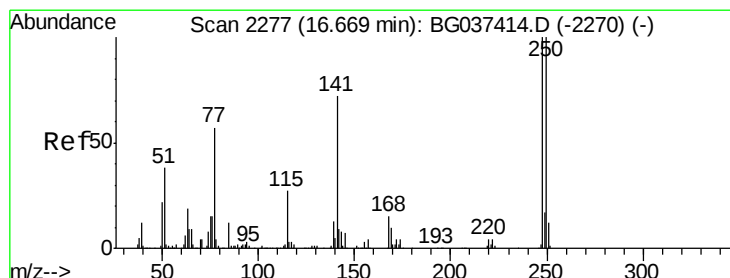
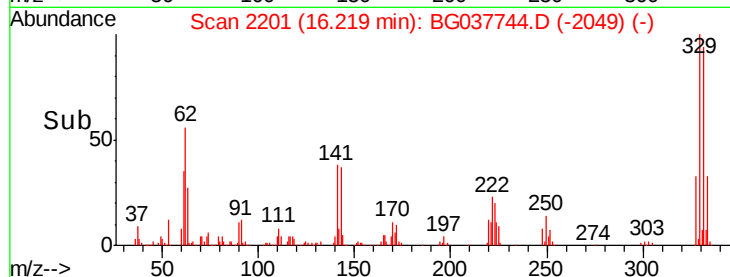
0

16.20

16.22

16.25

Time-->



#67

4-Bromophenyl-phenylether

Concen: 3.438 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.45 min

Lab File: BG037744.D

Acq: 2 Nov 2018 7:34

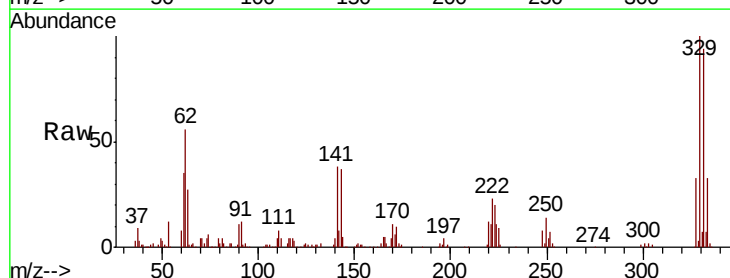
Tgt Ion:248 Resp: 16434

Ion Ratio Lower Upper

248 100

250 187.6 77.0 115.6#

141 394.5 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

60000

40000

20000

0

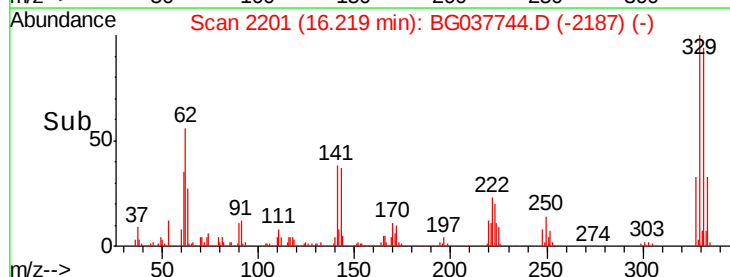
16.15

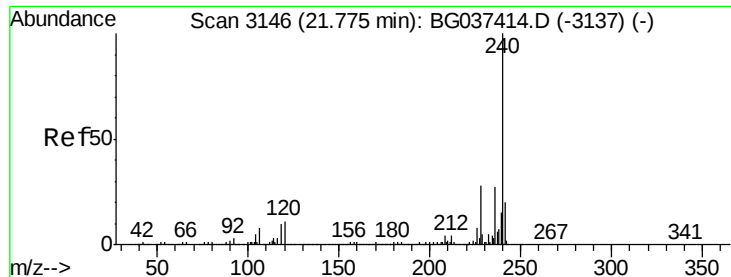
16.20

16.22

16.25

Time-->

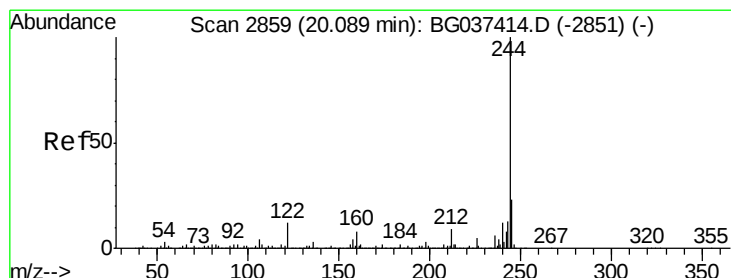
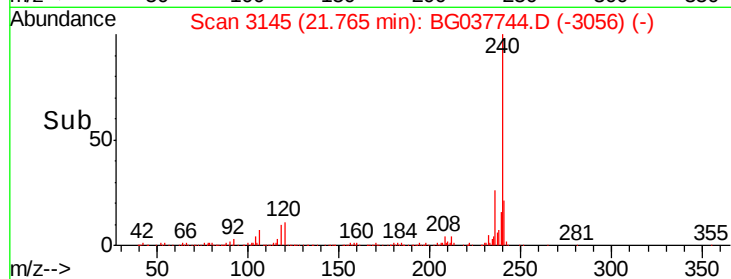
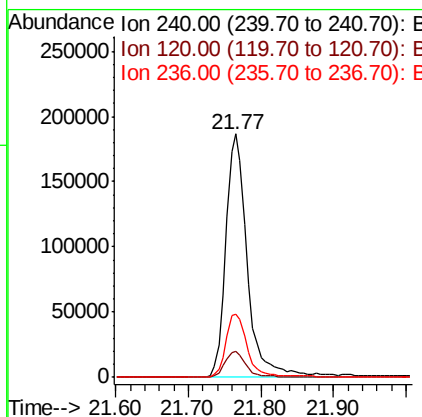
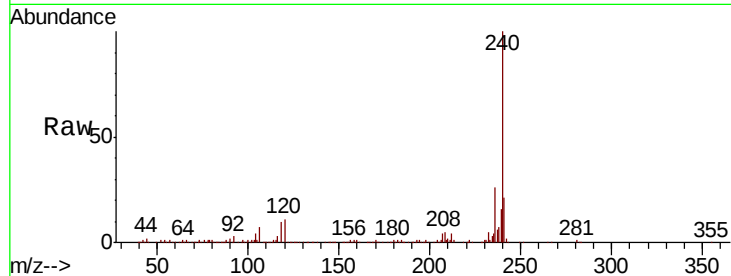




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037744.D
 Acq: 2 Nov 2018 7:34

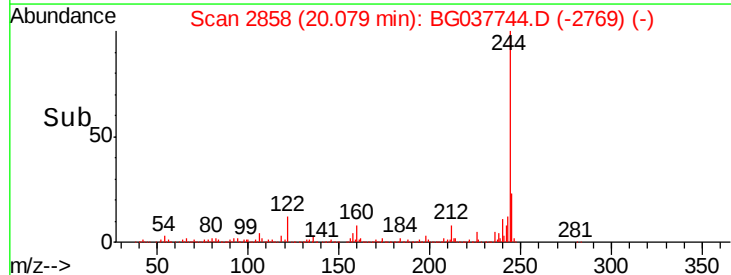
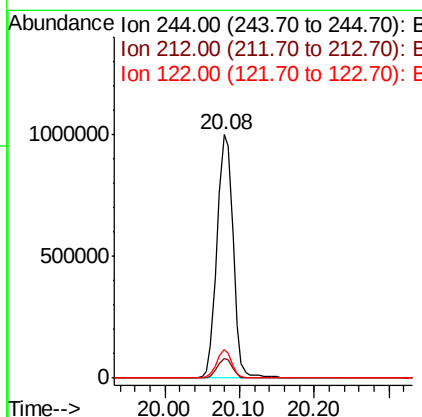
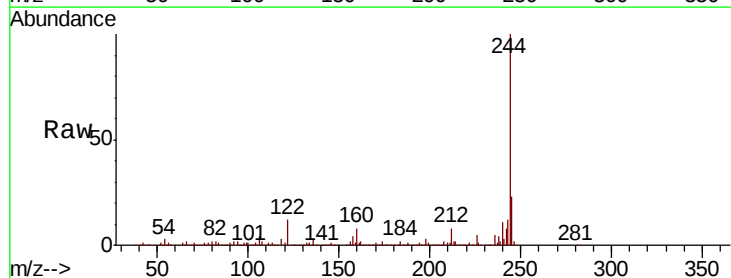
Instrument :
 BNA_G
 ClientSampleId :

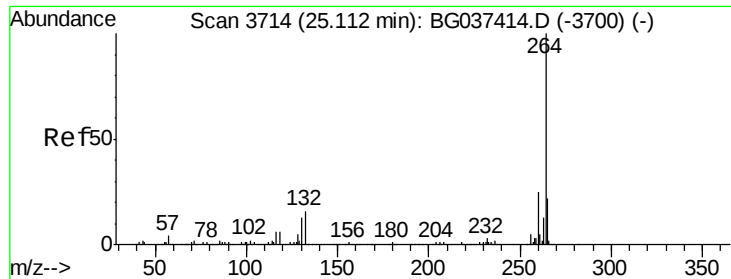
Tot Ion:240 Resp: 386182
 Ion Ratio Lower Upper
 240 100
 120 10.6 8.1 12.1
 236 26.0 21.4 32.0



#79
 Terphenyl-d14
 Concen: 83.204 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037744.D
 Acq: 2 Nov 2018 7:34

Tgt Ion:244 Resp: 1503761
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 11.9 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037744.D
Acq: 2 Nov 2018 7:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.4
265	22.3	17.9	26.9

