

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037489.D
 Acq On : 23 Oct 2018 23:25
 Operator : JU/SJ
 Sample : J5626-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 24 04:21:30 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

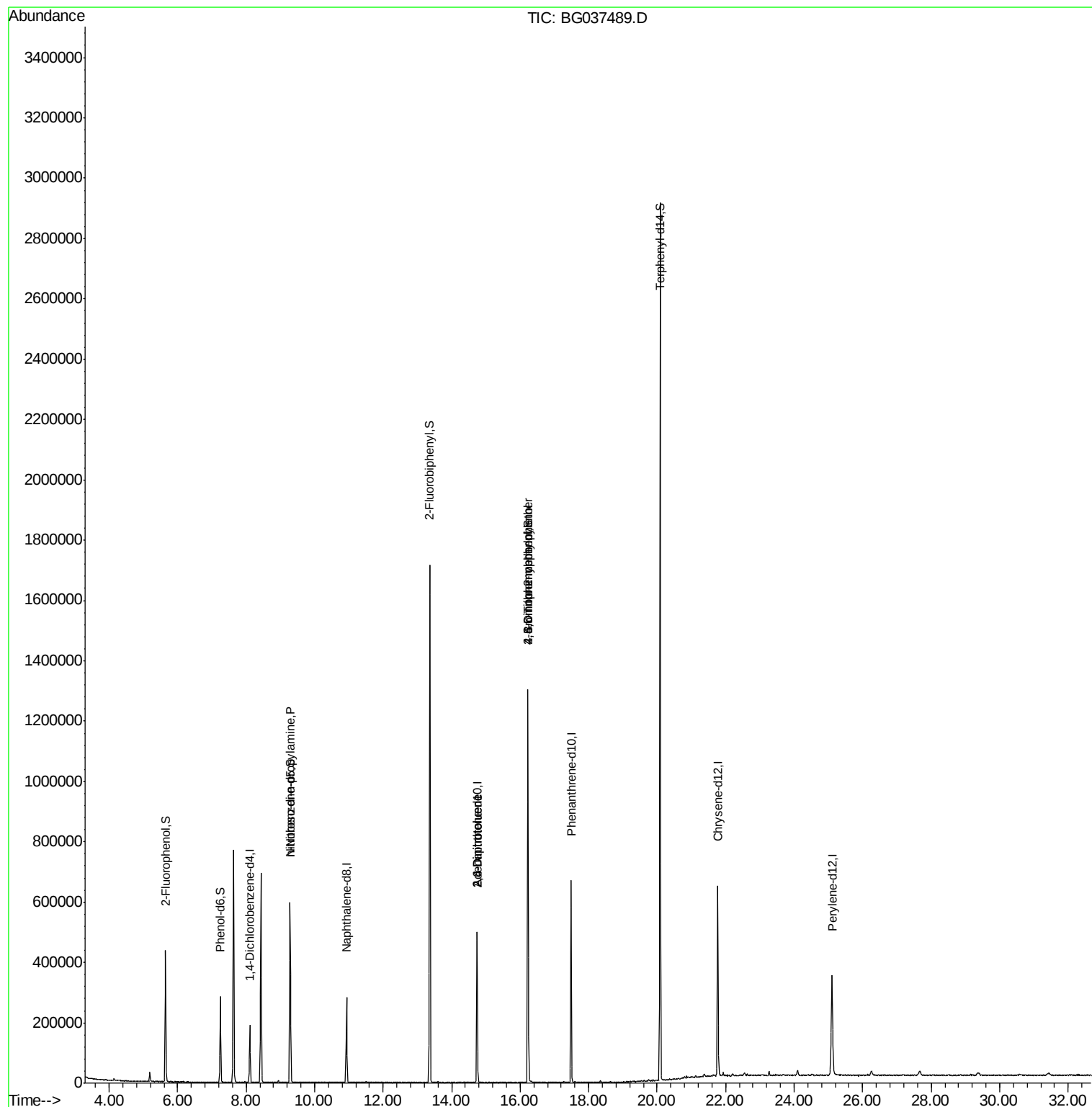
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	57232	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	254766	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	174303	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	418099	20.00	ng	0.00
76) Chrysene-d12	21.77	240	378768	20.00	ng	0.00
87) Perylene-d12	25.11	264	374622	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	198292	57.92	ng	0.00
7) Phenol-d6	7.24	99	178794	34.54	ng	0.00
23) Nitrobenzene-d5	9.28	82	380395	83.64	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	232240	122.16	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	924700	80.00	ng	0.00
79) Terphenyl-d14	20.09	244	1421150	80.17	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	47076	13.207	ng	# 76
51) 2,6-Dinitrotoluene	14.74	165	22682	7.604	ng	# 25
57) 2,4-Dinitrotoluene	14.74	165	22682	5.793	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.23	198	888	8.840	ng	75
67) 4-Bromophenyl-phenylether	16.22	248	17011	3.705	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
Data File : BG037489.D
Acq On : 23 Oct 2018 23:25
Operator : JU/SJ
Sample : J5626-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 24 04:21:30 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



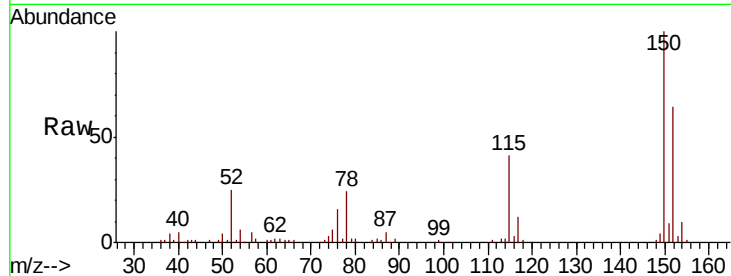


#1

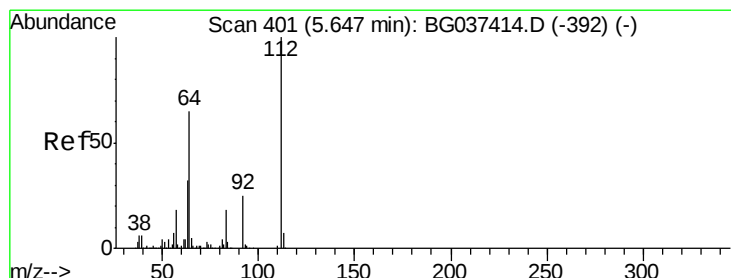
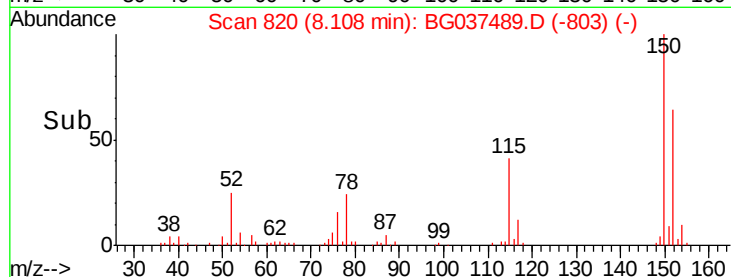
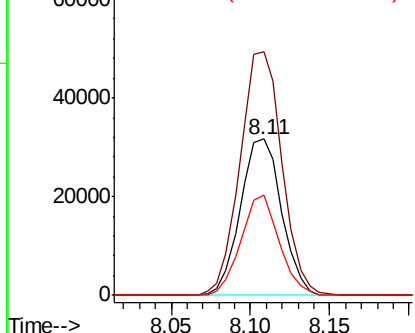
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037489.D
Acq: 23 Oct 2018 23:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 57232
Ion Ratio Lower Upper
152 100
150 155.8 126.0 189.0
115 64.4 45.5 68.3



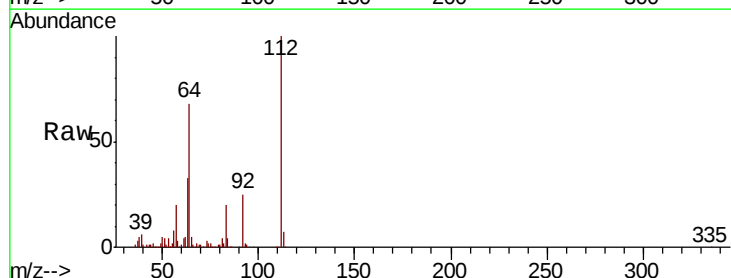
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



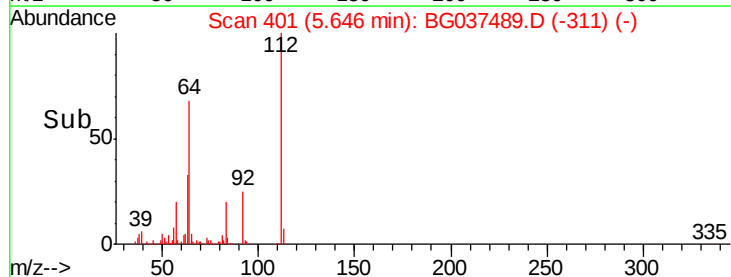
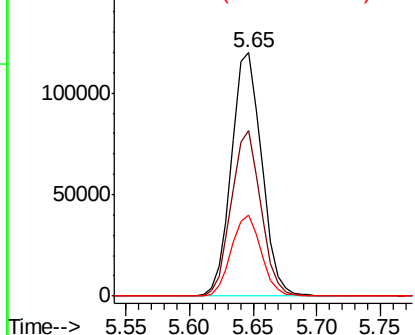
#5

2-Fluorophenol
Concen: 57.925 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037489.D
Acq: 23 Oct 2018 23:25

Tgt Ion:112 Resp: 198292
Ion Ratio Lower Upper
112 100
64 67.9 53.1 79.7
63 33.4 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: 34.540 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037489.D

Acq: 23 Oct 2018 23:25

Instrument :

BNA_G

ClientSampled :

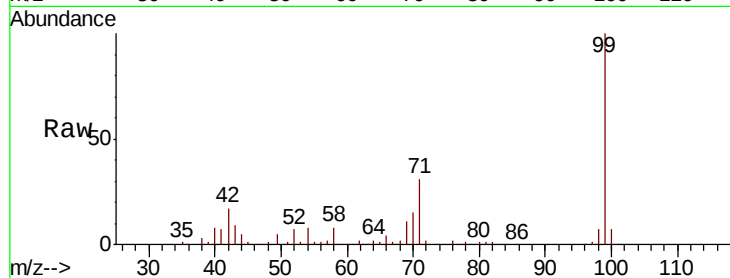
Tot Ion: 99 Resp: 178794

Ion Ratio Lower Upper

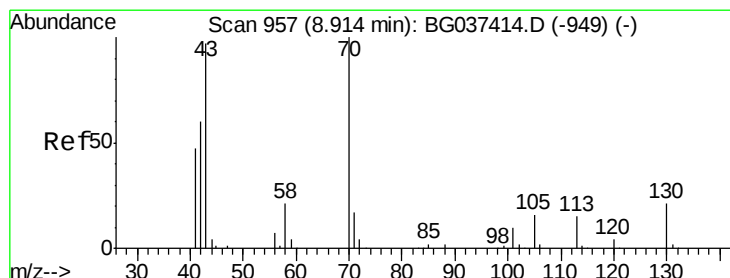
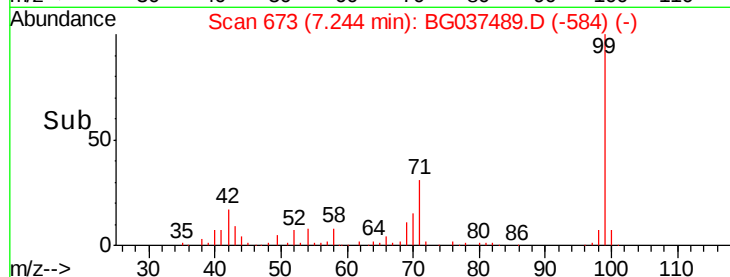
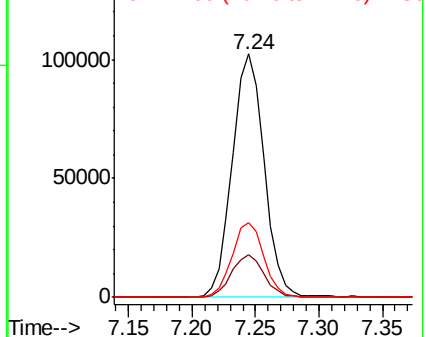
99 100

42 17.3 15.0 22.4

71 30.9 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.207 ng

RT: 9.28 min Scan# 1020

Delta R.T. 0.37 min

Lab File: BG037489.D

Acq: 23 Oct 2018 23:25

Tgt Ion: 70 Resp: 47076

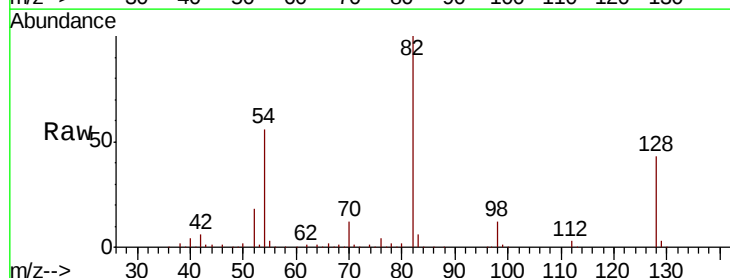
Ion Ratio Lower Upper

70 100

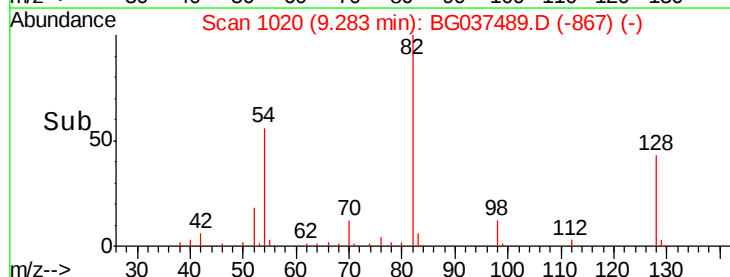
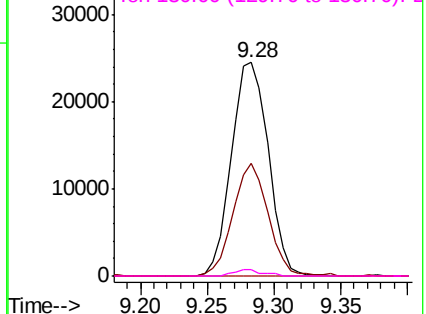
42 52.9 53.9 80.9#

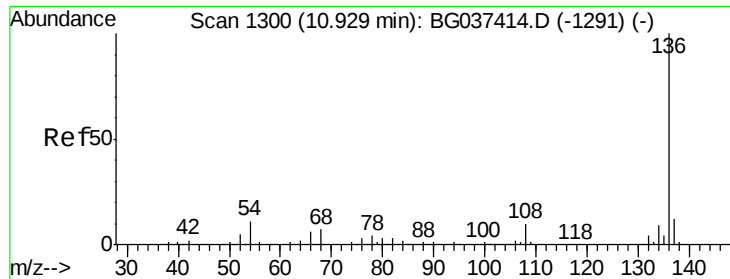
101 0.0 8.2 12.2#

130 2.8 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

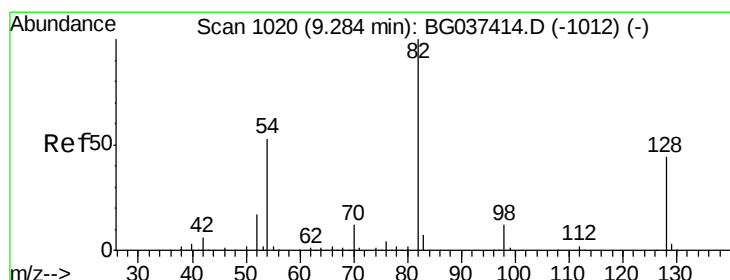
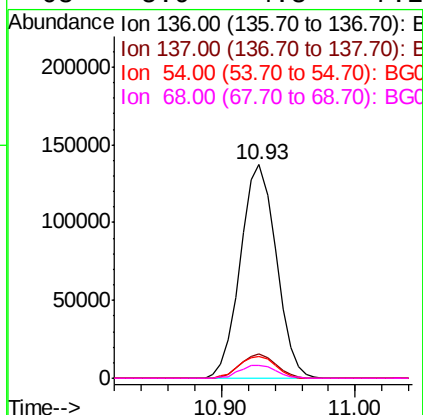
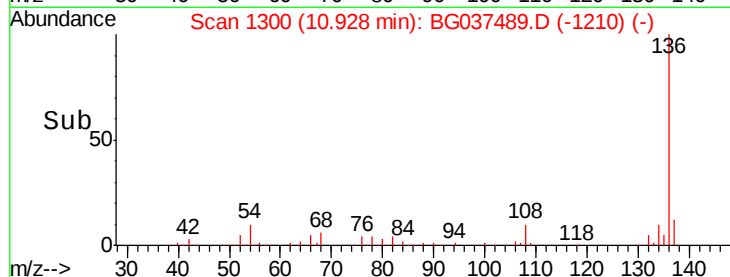
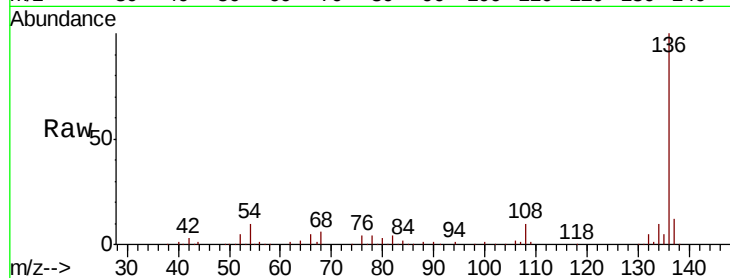




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037489.D
Acq: 23 Oct 2018 23:25

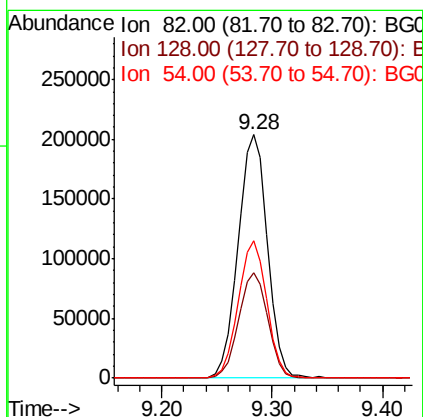
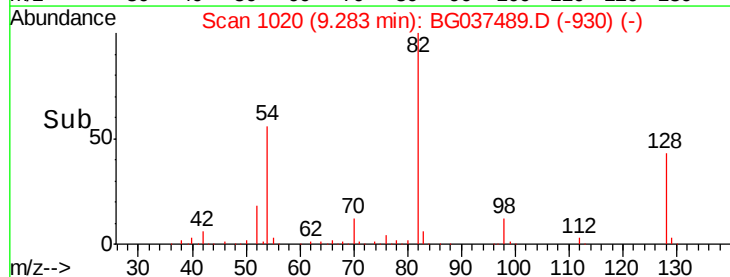
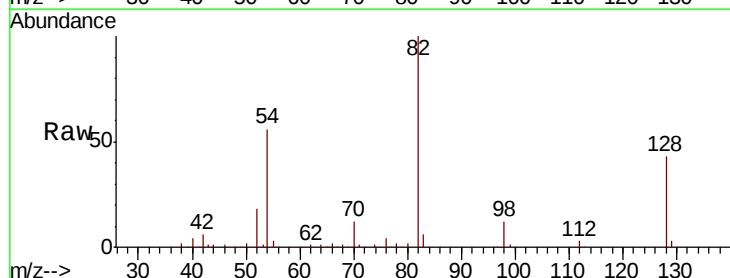
Instrument :
BNA_G
ClientSampleId :

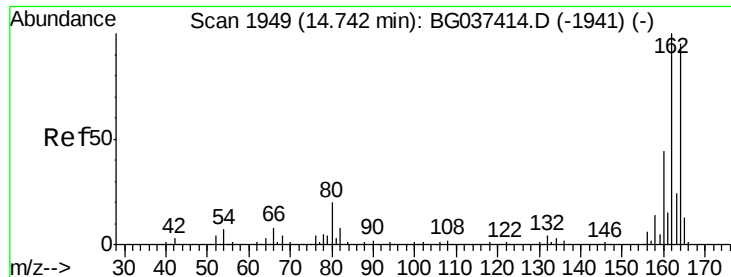
Tot Ion:136	Resp:	254766
Ion	Ratio	Lower Upper
136	100	
137	11.5	9.6 14.4
54	10.3	7.9 11.9
68	5.9	4.8 7.2



#23
Nitrobenzene-d5
Concen: 83.643 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037489.D
Acq: 23 Oct 2018 23:25

Tgt Ion: 82	Resp:	380395
Ion	Ratio	Lower Upper
82	100	
128	43.4	34.6 51.8
54	56.4	45.3 67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037489.D

Acq: 23 Oct 2018 23:25

Instrument :

BNA_G

ClientSampleId :

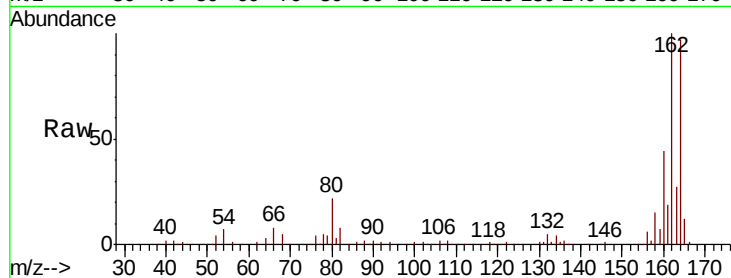
Tot Ion:164 Resp: 174303

Ion Ratio Lower Upper

164 100

162 102.7 81.3 121.9

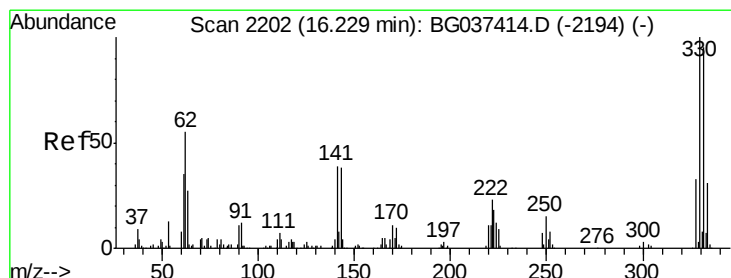
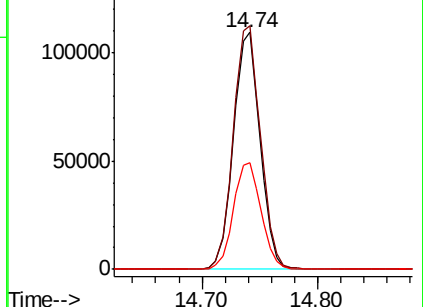
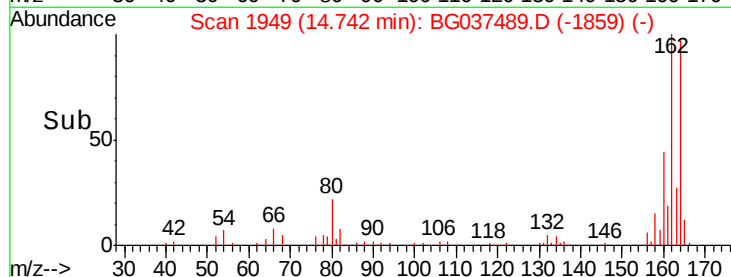
160 45.0 36.3 54.5



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: 122.161 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037489.D

Acq: 23 Oct 2018 23:25

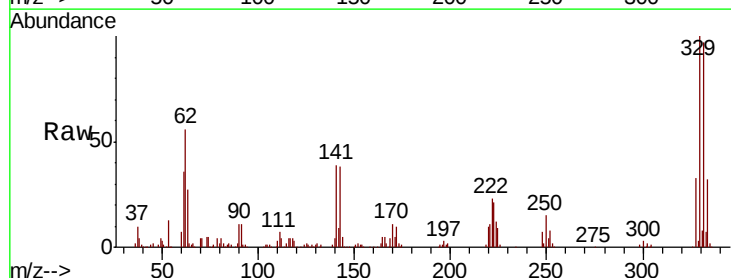
Tgt Ion:330 Resp: 232240

Ion Ratio Lower Upper

330 100

332 96.4 78.4 117.6

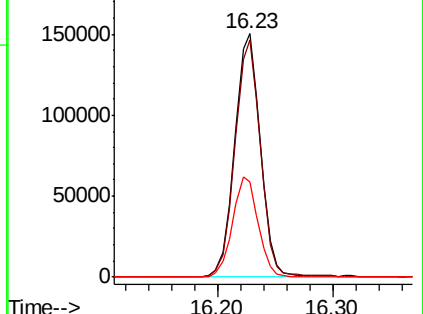
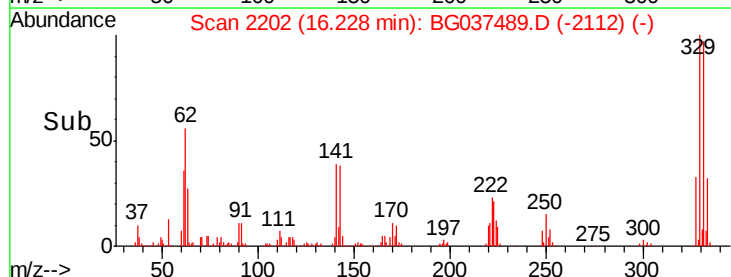
141 40.8 32.2 48.2



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

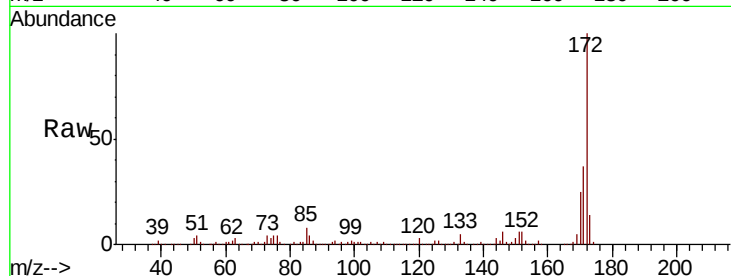




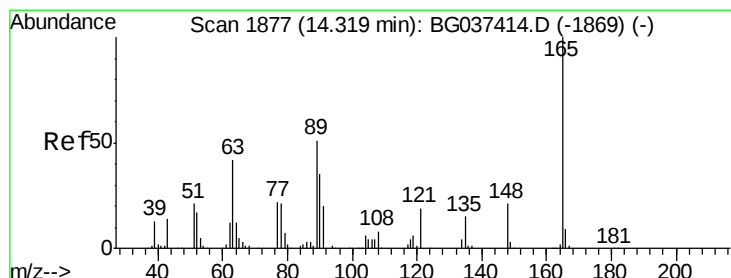
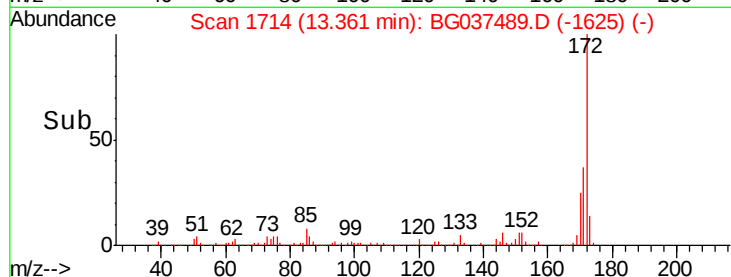
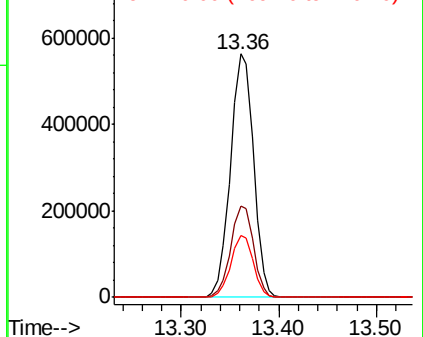
#45
 2-Fluorobiphenyl
 Concen: 79.998 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037489.D
 Acq: 23 Oct 2018 23:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.0	46.4
170	25.2	20.2	30.2

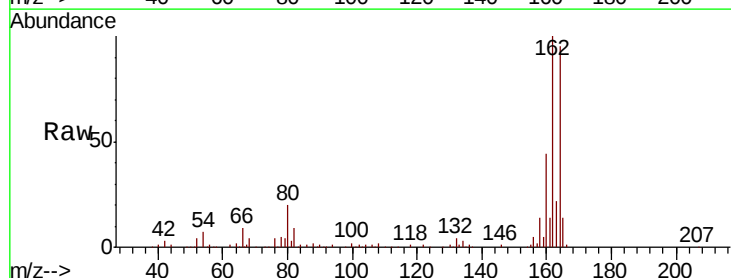


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

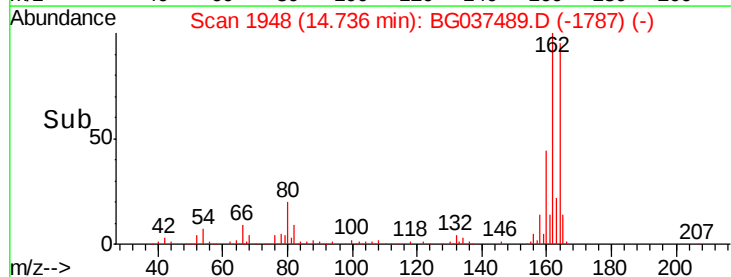
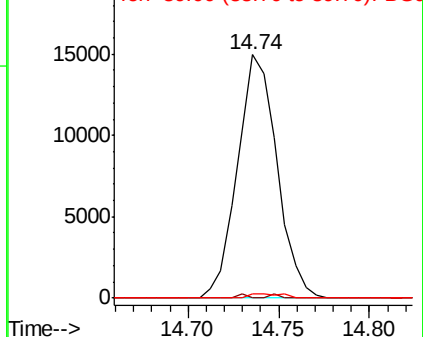


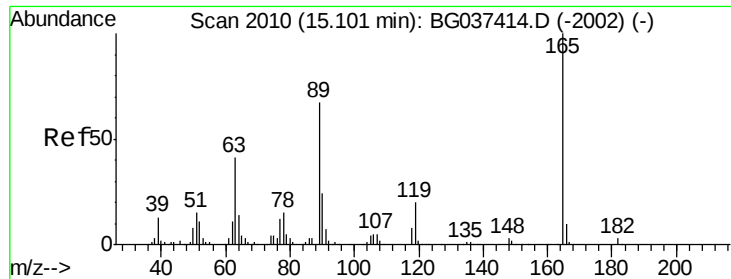
#51
 2,6-Dinitrotoluene
 Concen: 7.604 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. 0.42 min
 Lab File: BG037489.D
 Acq: 23 Oct 2018 23:25

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



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

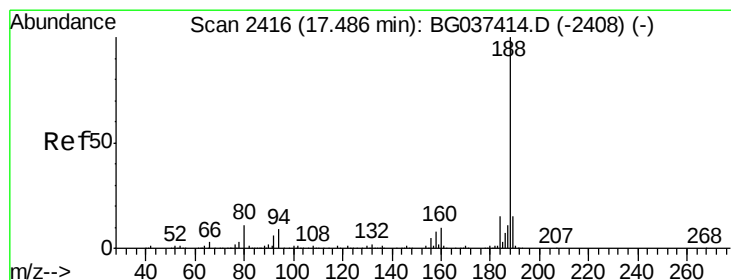
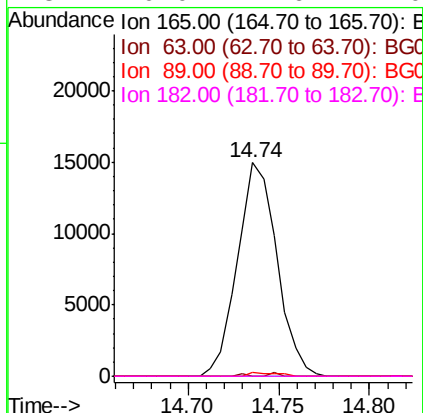
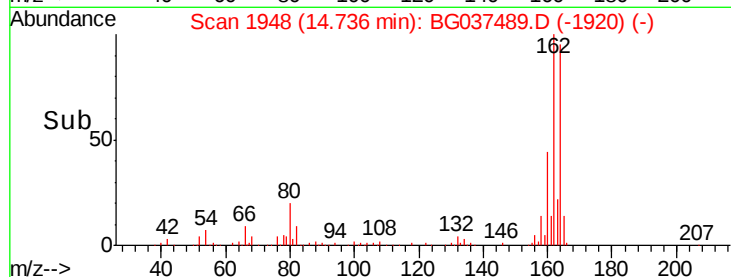
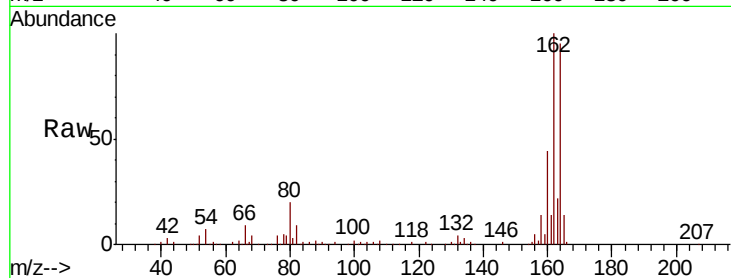




#57
 2,4-Dinitrotoluene
 Concen: 5.793 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. -0.37 min
 Lab File: BG037489.D
 Acq: 23 Oct 2018 23:25

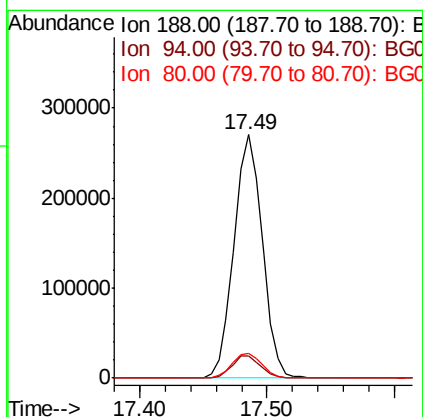
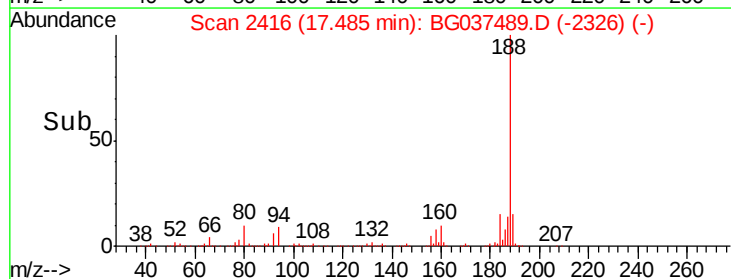
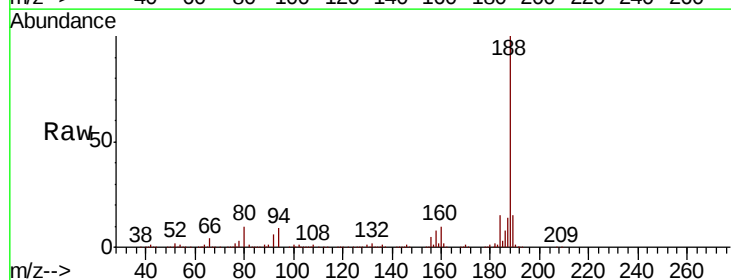
Instrument :
 BNA_G
 ClientSampleId :

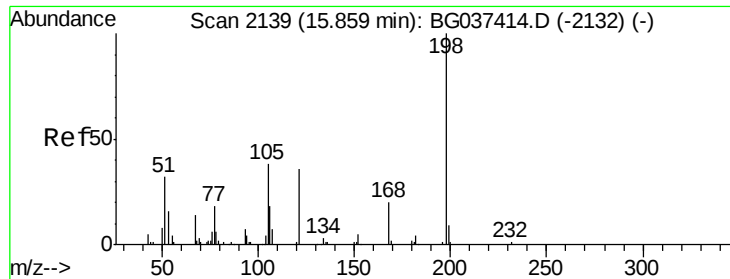
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	1.9	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG037489.D
 Acq: 23 Oct 2018 23:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.1	7.7	11.5

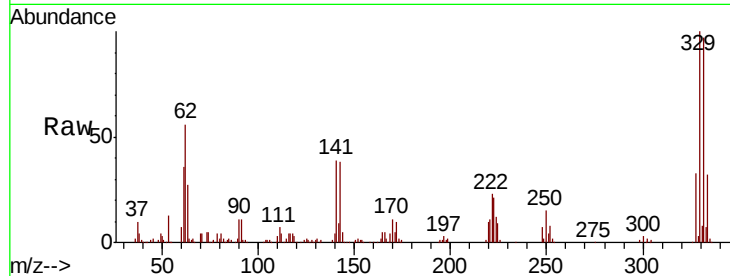




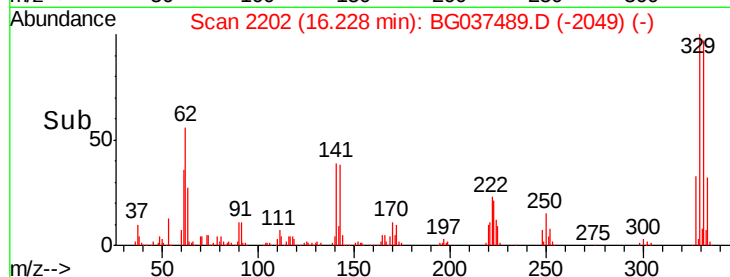
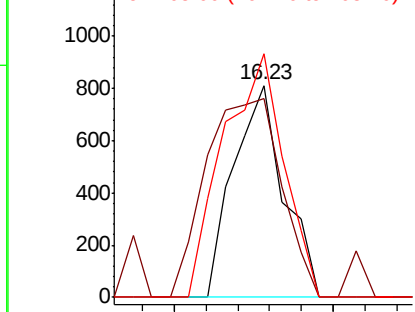
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.840 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. 0.37 min
 Lab File: BG037489.D
 Acq: 23 Oct 2018 23:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 888
 Ion Ratio Lower Upper
 198 100
 51 23.3 22.7 62.7
 105 28.6 19.7 59.7

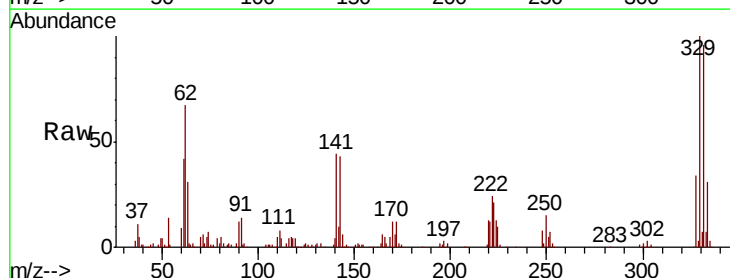


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

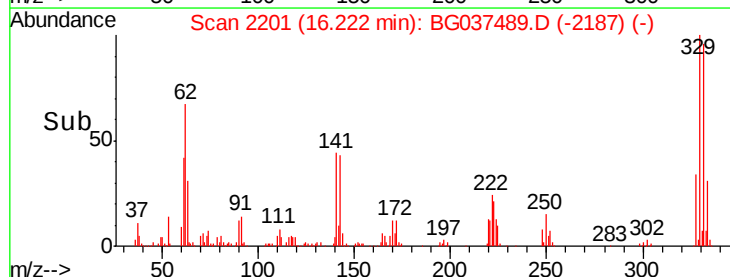
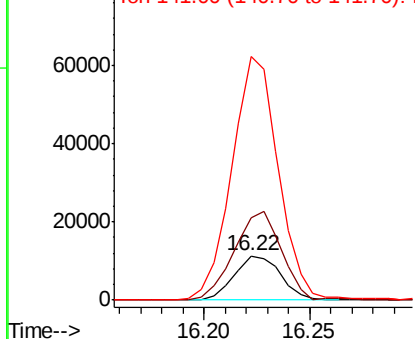


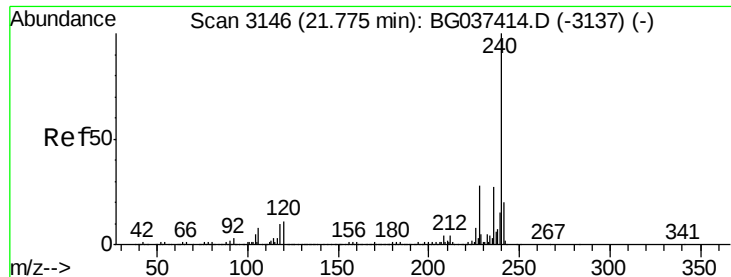
#67
 4-Bromophenyl-phenylether
 Concen: 3.705 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037489.D
 Acq: 23 Oct 2018 23:25

Tgt Ion:248 Resp: 17011
 Ion Ratio Lower Upper
 248 100
 250 192.5 77.0 115.6#
 141 431.3 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

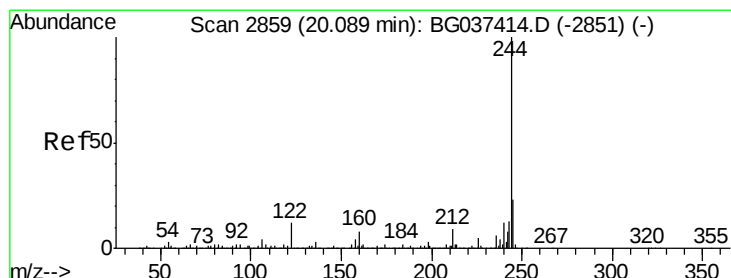
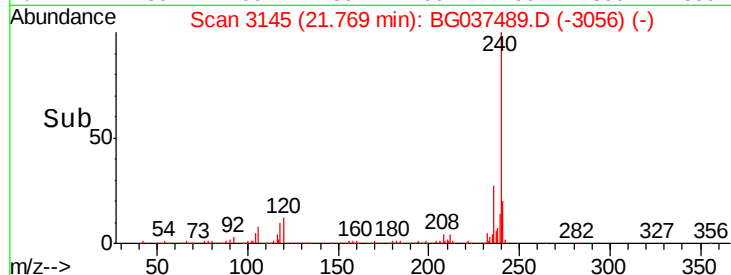
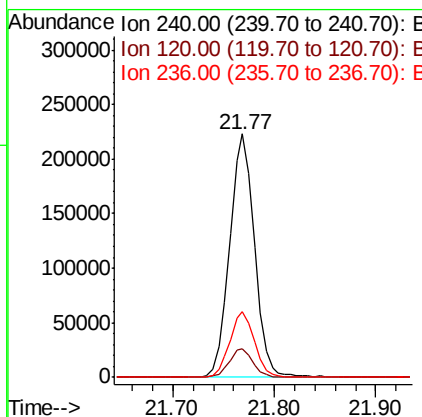
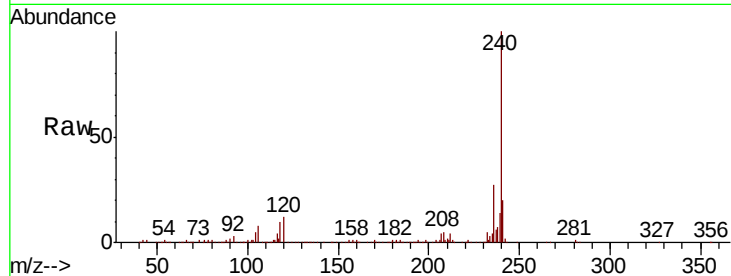




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037489.D
 Acq: 23 Oct 2018 23:25

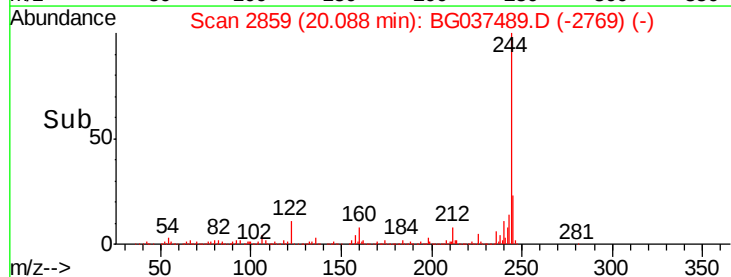
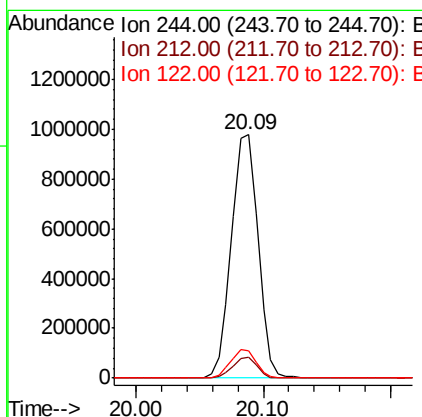
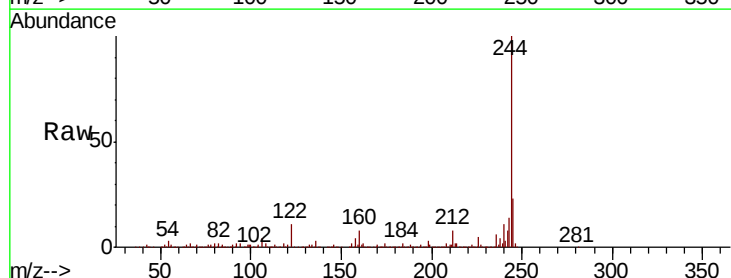
Instrument :
 BNA_G
 ClientSampled :

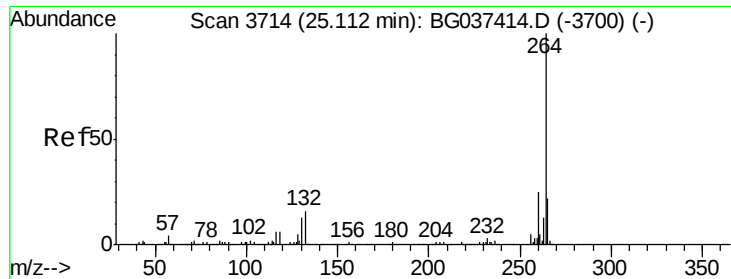
Tot Ion:240 Resp: 378768
 Ion Ratio Lower Upper
 240 100
 120 11.8 8.1 12.1
 236 27.0 21.4 32.0



#79
 Terphenyl-d14
 Concen: 80.172 ng
 RT: 20.09 min Scan# 2859
 Delta R.T. -0.00 min
 Lab File: BG037489.D
 Acq: 23 Oct 2018 23:25

Tgt Ion:244 Resp: 1421150
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.5 9.7
 122 11.4 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037489.D
Acq: 23 Oct 2018 23:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 264 Resp: 374622

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.4
265	19.7	17.9	26.9

