

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
 Data File : BG037482.D
 Acq On : 23 Oct 2018 18:50
 Operator : JU/SJ
 Sample : J5621-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 24 04:42:44 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

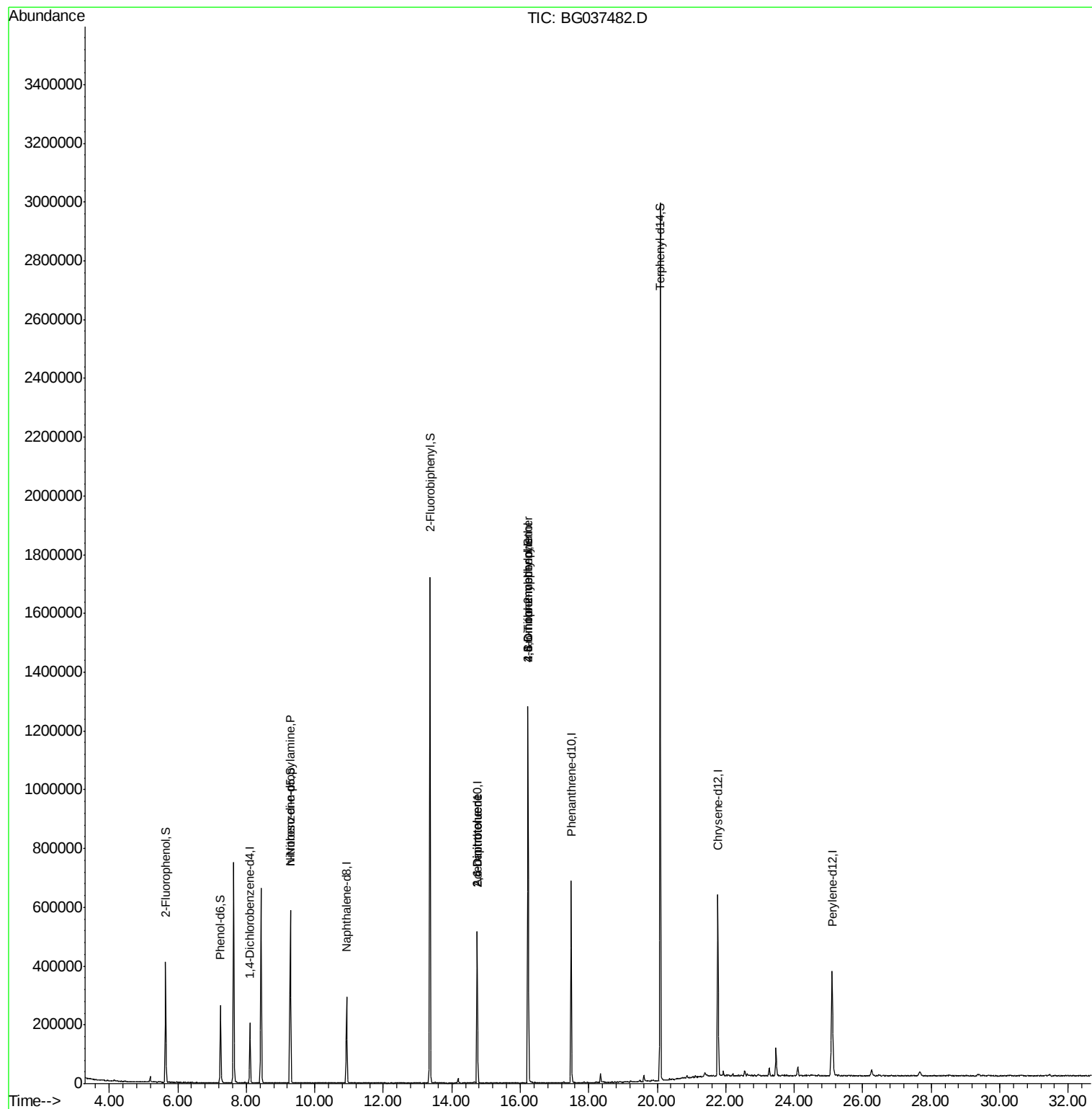
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	60460	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	269482	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	180961	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	430886	20.00	ng	0.00
76) Chrysene-d12	21.77	240	392358	20.00	ng	0.00
87) Perylene-d12	25.10	264	391966	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	187852	51.95	ng	0.00
7) Phenol-d6	7.24	99	173287	31.69	ng	0.00
23) Nitrobenzene-d5	9.29	82	381205	79.24	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	229979	116.52	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	921252	76.77	ng	0.00
79) Terphenyl-d14	20.09	244	1398838	76.18	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	47057	12.497	ng	# 70
51) 2,6-Dinitrotoluene	14.74	165	23309	7.526	ng	# 25
57) 2,4-Dinitrotoluene	14.74	165	23309	5.734	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	702	8.763	ng	79
67) 4-Bromophenyl-phenylether	16.22	248	16436	3.473	ng	# 1

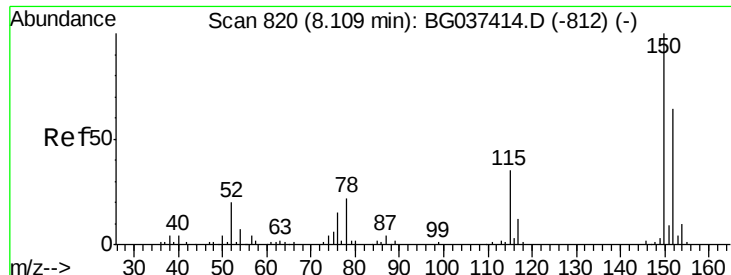
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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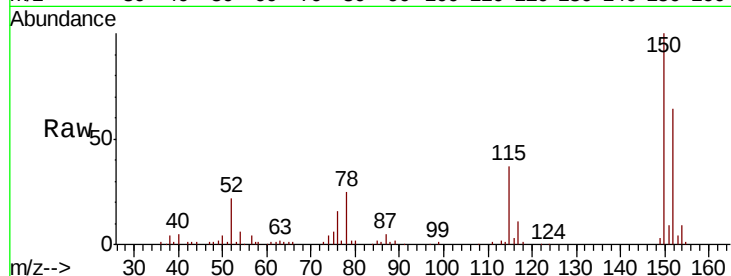


#1

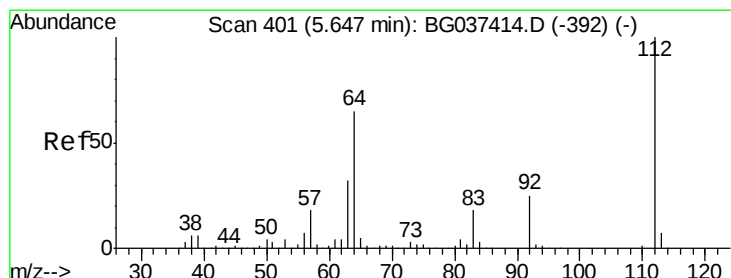
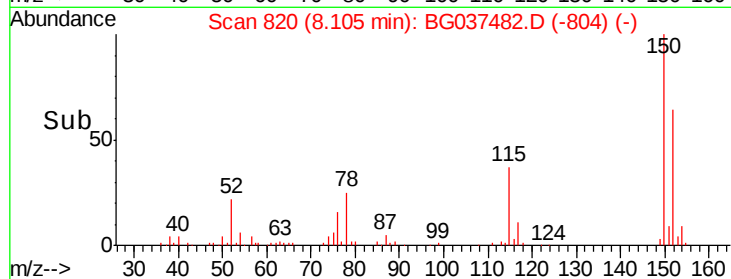
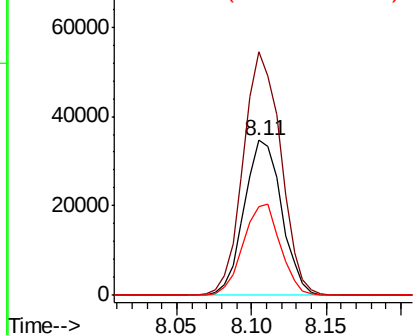
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037482.D
Acq: 23 Oct 2018 18:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 60460
Ion Ratio Lower Upper
152 100
150 157.0 126.0 189.0
115 57.4 45.5 68.3



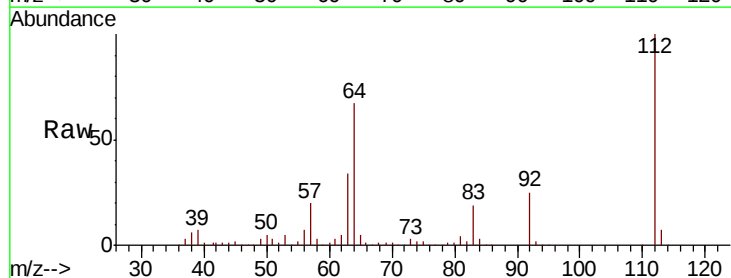
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



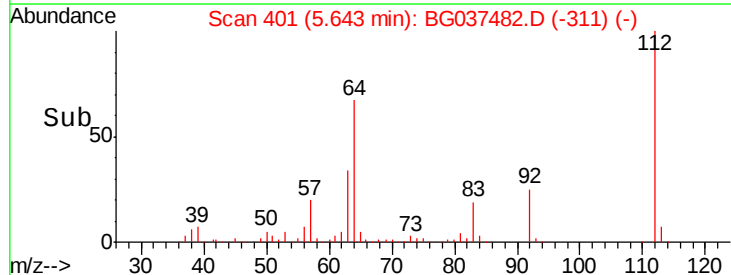
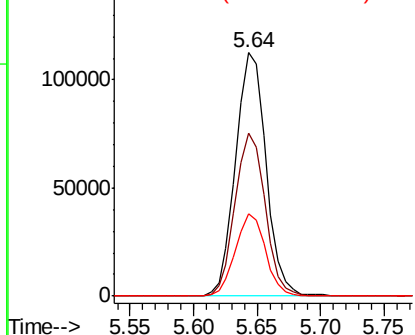
#5

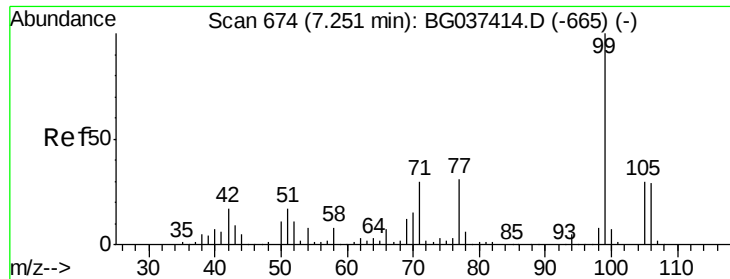
2-Fluorophenol
Concen: 51.945 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037482.D
Acq: 23 Oct 2018 18:50

Tgt Ion:112 Resp: 187852
Ion Ratio Lower Upper
112 100
64 66.9 53.1 79.7
63 33.6 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: 31.689 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037482.D

Acq: 23 Oct 2018 18:50

Instrument :

BNA_G

ClientSampleId :

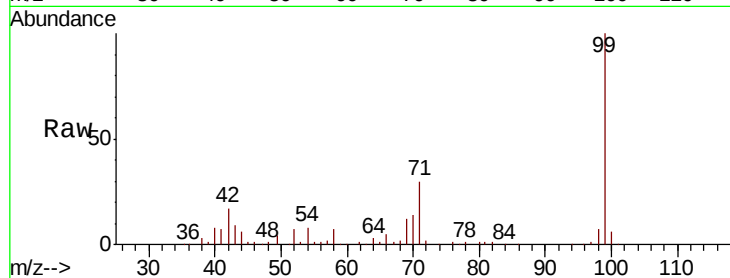
Tot Ion: 99 Resp: 173287

Ion Ratio Lower Upper

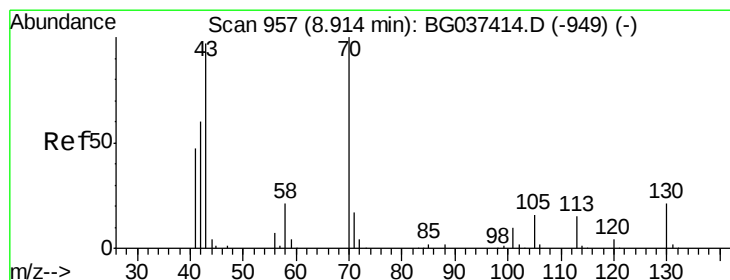
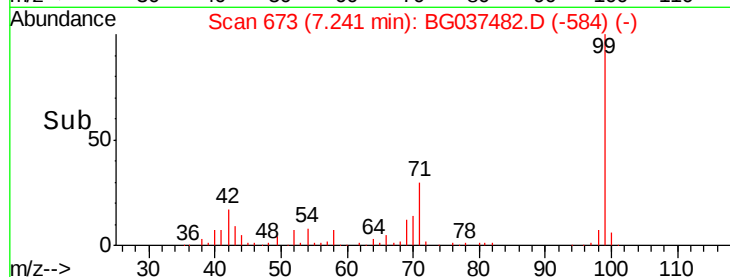
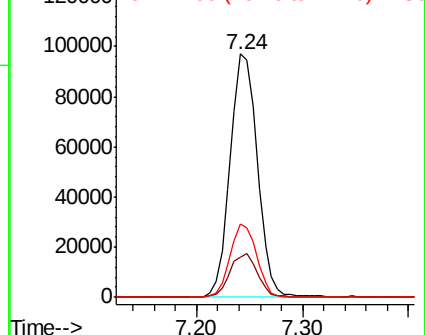
99 100

42 16.7 15.0 22.4

71 30.2 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: 12.497 ng

RT: 9.28 min Scan# 1020

Delta R.T. 0.37 min

Lab File: BG037482.D

Acq: 23 Oct 2018 18:50

Tgt Ion: 70 Resp: 47057

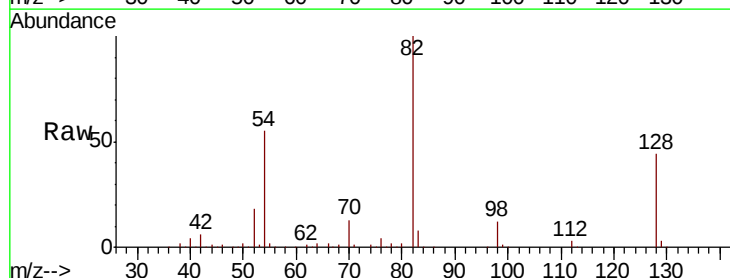
Ion Ratio Lower Upper

70 100

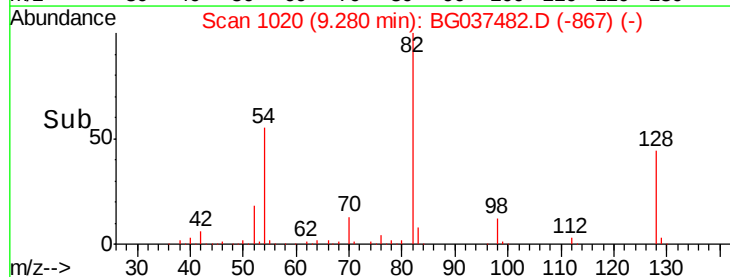
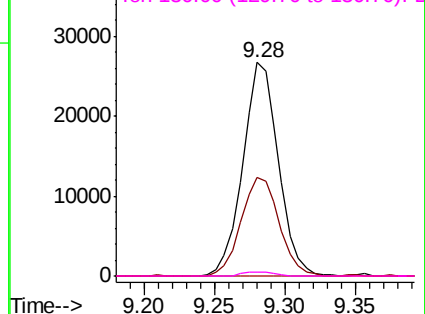
42 46.2 53.9 80.9#

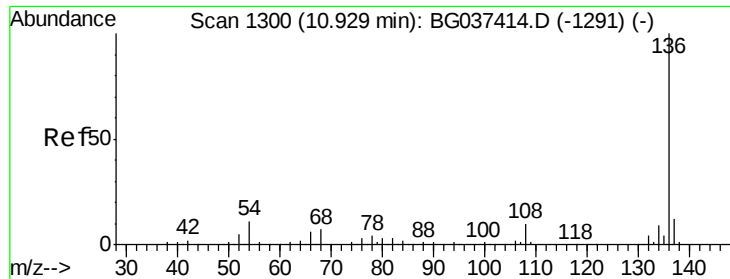
101 0.0 8.2 12.2#

130 1.6 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

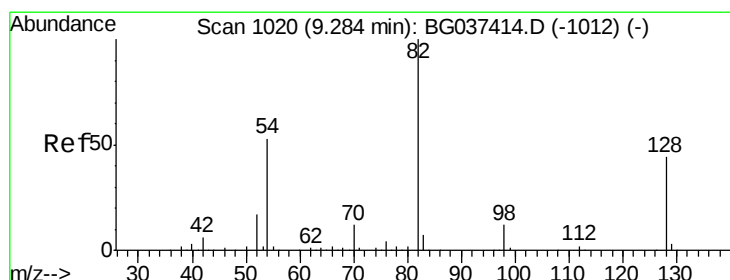
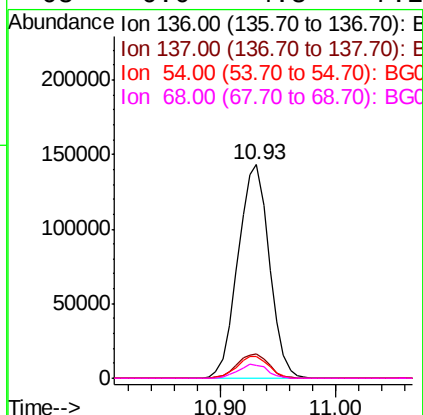
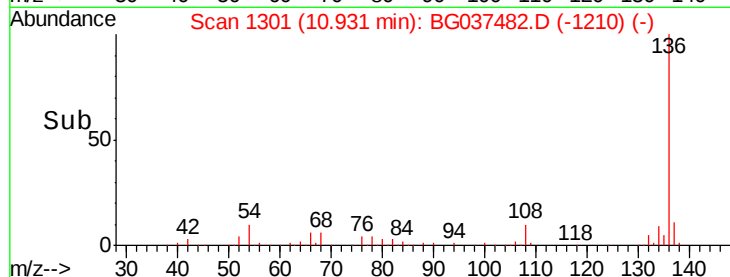
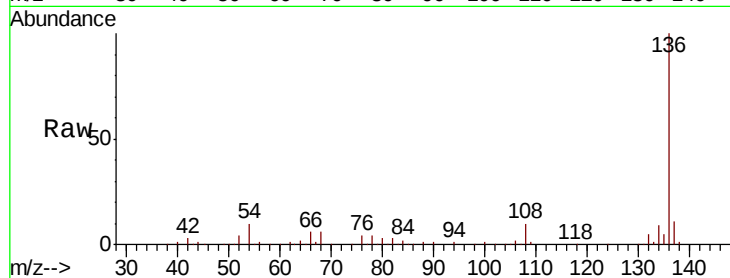




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG037482.D
Acq: 23 Oct 2018 18:50

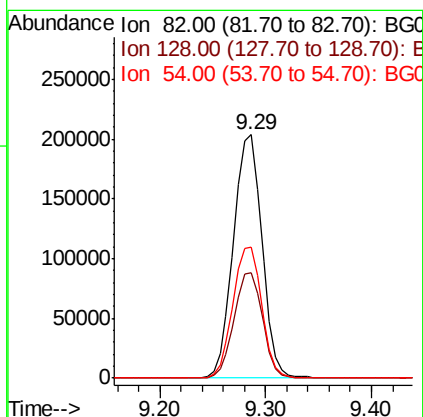
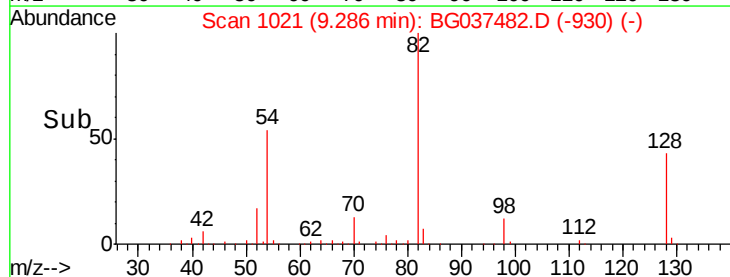
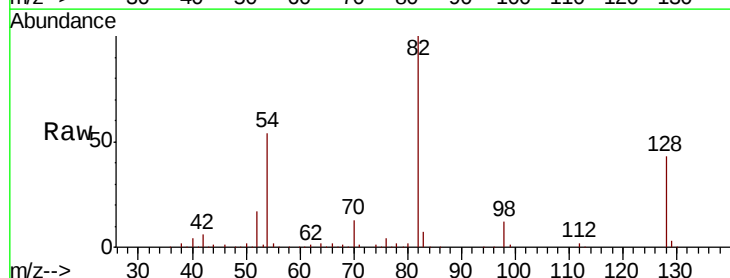
Instrument :
BNA_G
ClientSampleId :

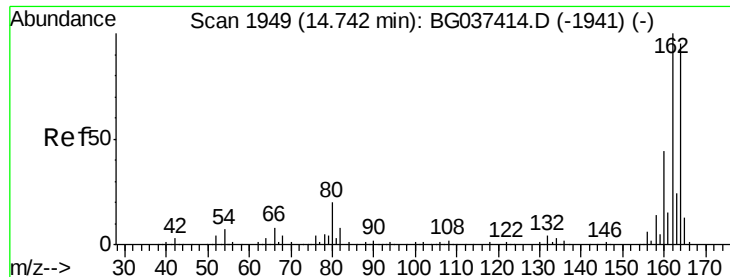
Tot Ion:136	Resp:	269482
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.6 14.4
54	10.0	7.9 11.9
68	6.0	4.8 7.2



#23
Nitrobenzene-d5
Concen: 79.244 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG037482.D
Acq: 23 Oct 2018 18:50

Tgt Ion: 82	Resp:	381205
Ion	Ratio	Lower Upper
82	100	
128	43.0	34.6 51.8
54	53.8	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: BG037482.D

Acq: 23 Oct 2018 18:50

Instrument :

BNA_G

ClientSampleId :

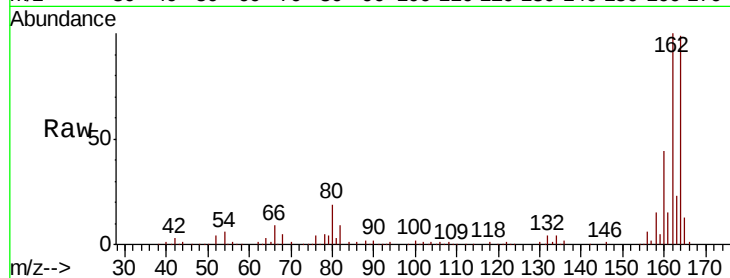
Tot Ion:164 Resp: 180961

Ion Ratio Lower Upper

164 100

162 100.7 81.3 121.9

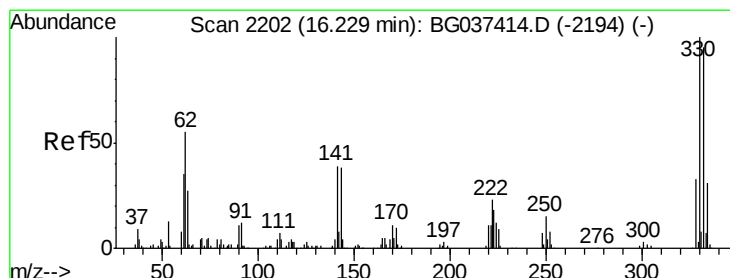
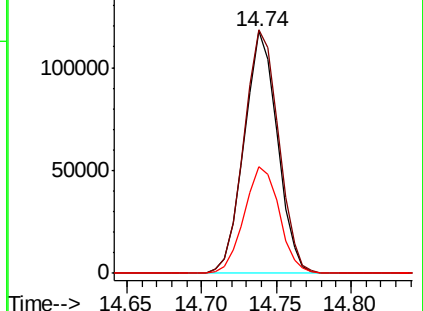
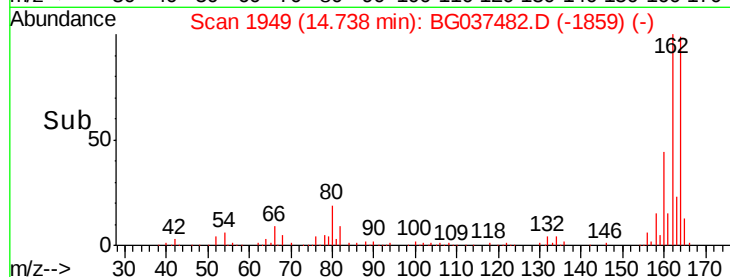
160 44.0 36.3 54.5



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: 116.520 ng

RT: 16.22 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037482.D

Acq: 23 Oct 2018 18:50

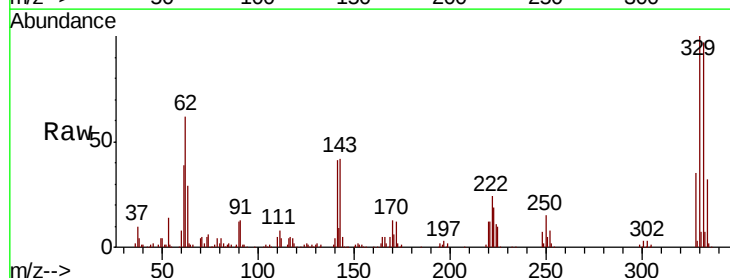
Tgt Ion:330 Resp: 229979

Ion Ratio Lower Upper

330 100

332 95.8 78.4 117.6

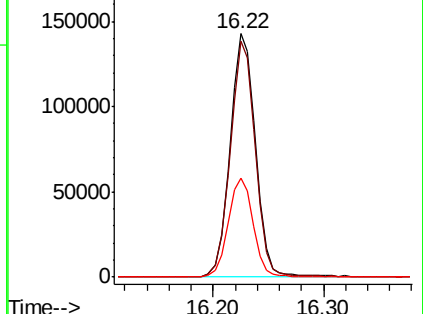
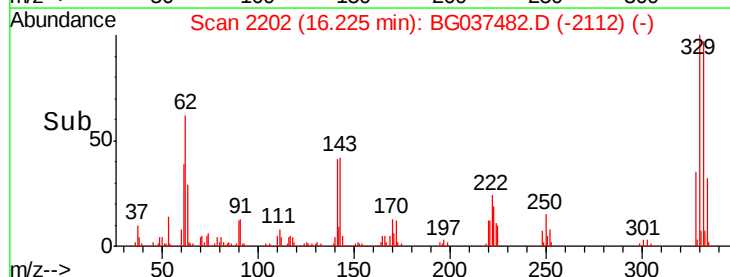
141 40.0 32.2 48.2

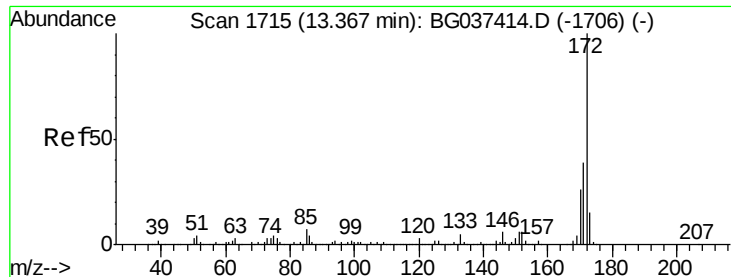


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

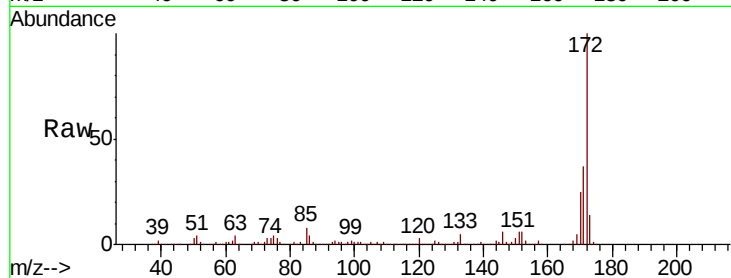




#45
 2-Fluorobiphenyl
 Concen: 76.768 ng
 RT: 13.36 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG037482.D
 Acq: 23 Oct 2018 18:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.0	46.4
170	24.9	20.2	30.2

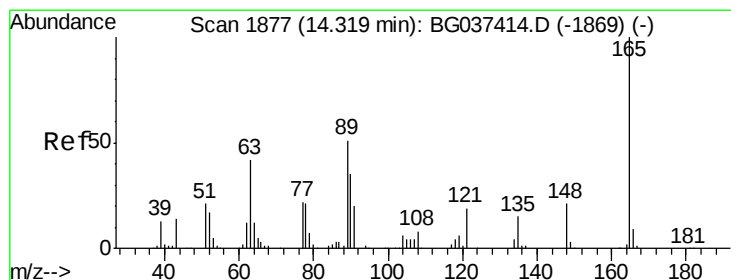
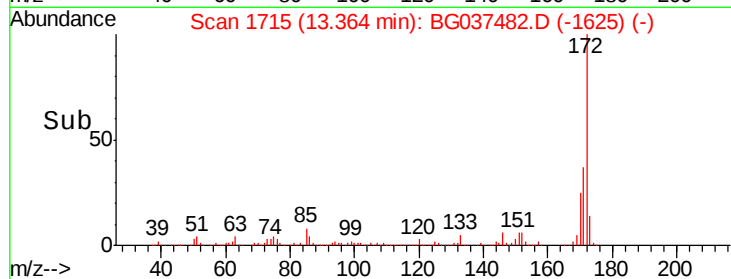
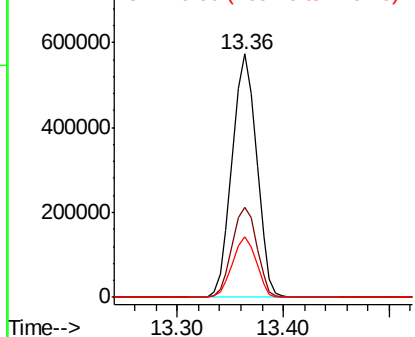


Abundance

Ion 172.00 (171.70 to 172.70): E

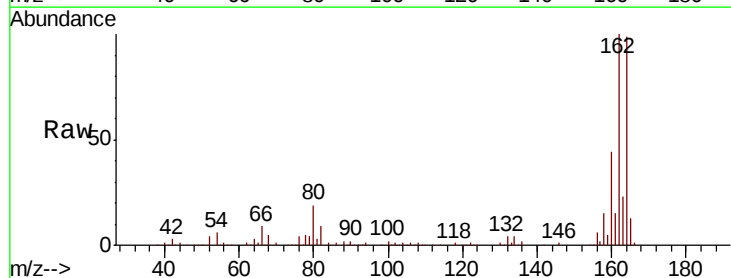
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#51
 2,6-Dinitrotoluene
 Concen: 7.526 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. 0.42 min
 Lab File: BG037482.D
 Acq: 23 Oct 2018 18:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	43.4	65.2#
89	1.4	45.8	68.6#

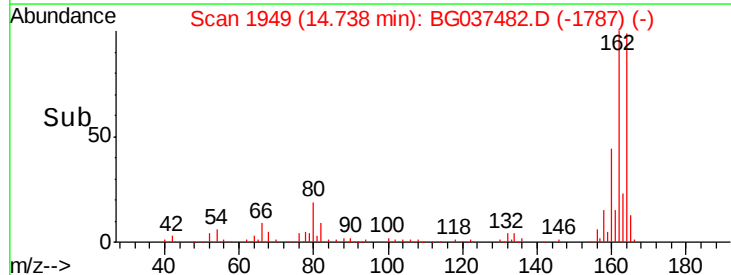
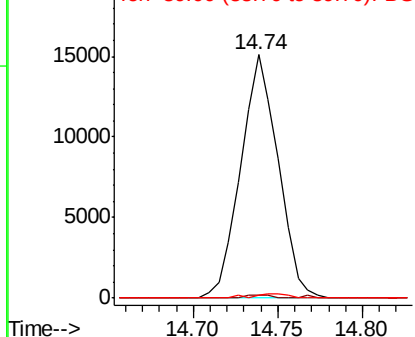


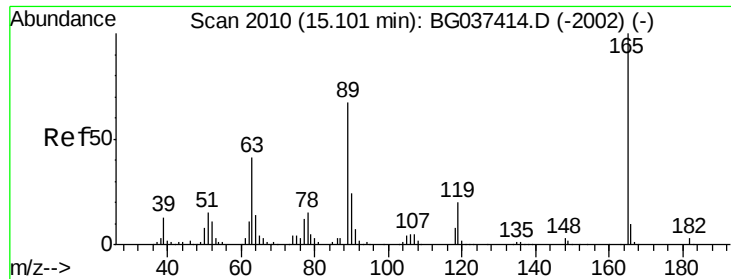
Abundance

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

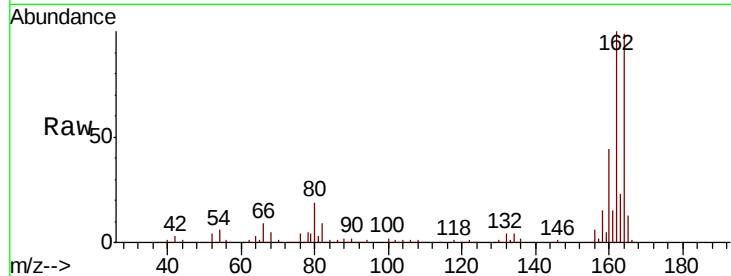




#57
 2,4-Dinitrotoluene
 Concen: 5.734 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.36 min
 Lab File: BG037482.D
 Acq: 23 Oct 2018 18:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.4	50.0#
89	1.4	57.2	85.8#
182	0.0	2.6	4.0#

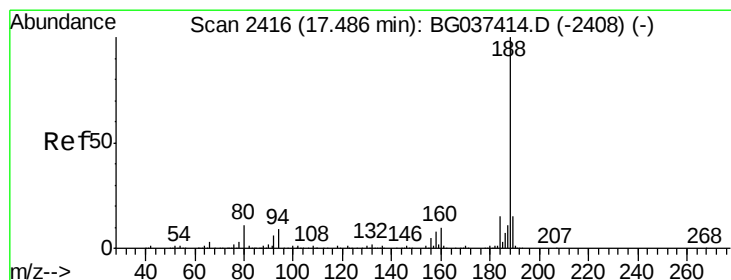
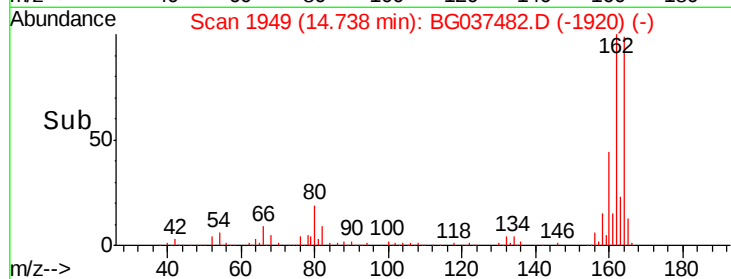
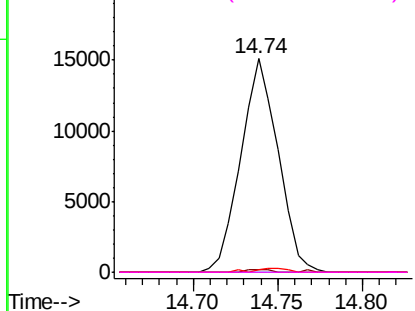


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

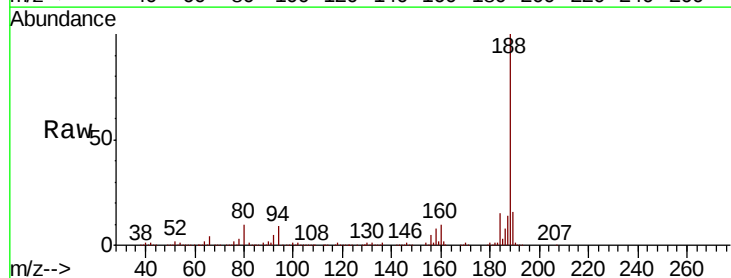
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2417
 Delta R.T. 0.00 min
 Lab File: BG037482.D
 Acq: 23 Oct 2018 18:50

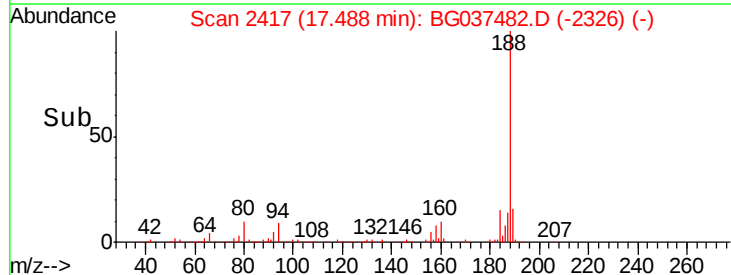
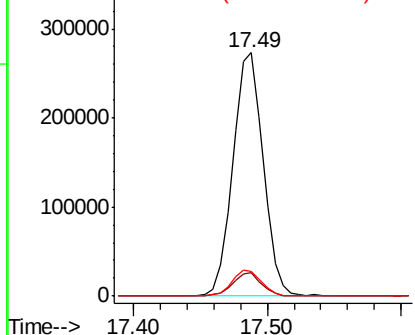
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.2	7.7	11.5

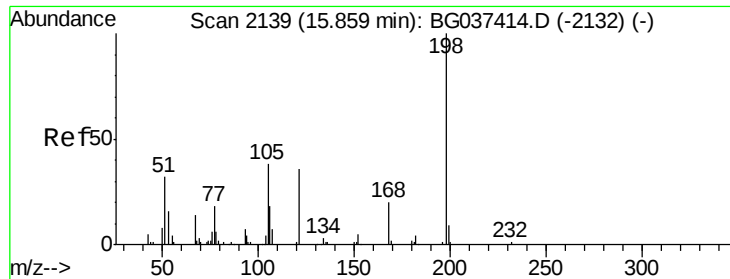


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

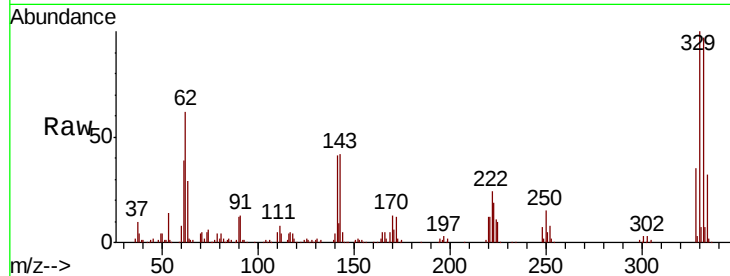




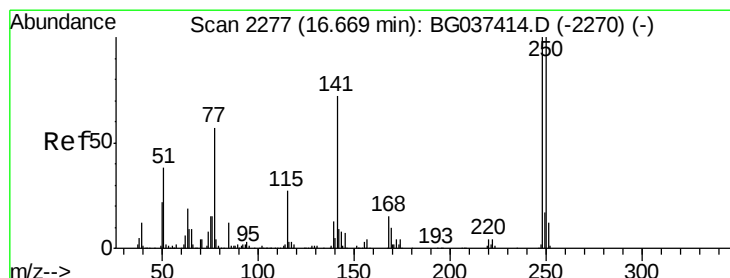
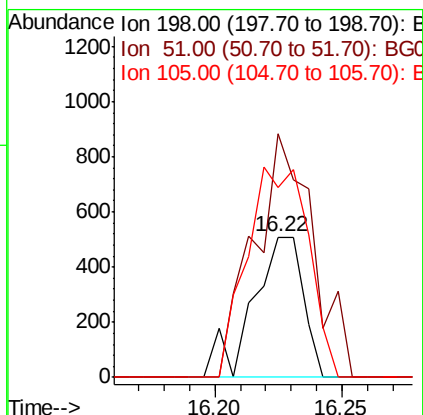
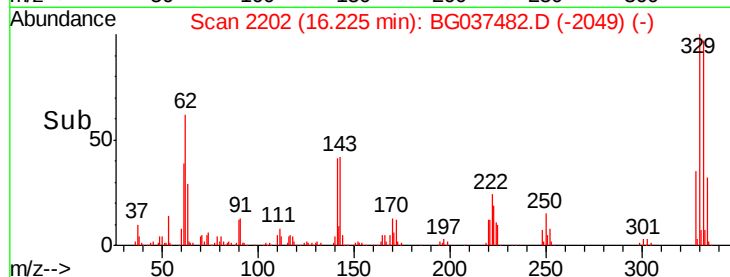
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.763 ng
 RT: 16.22 min Scan# 2202
 Delta R.T. 0.37 min
 Lab File: BG037482.D
 Acq: 23 Oct 2018 18:50

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 702
 Ion Ratio Lower Upper
 198 100
 51 31.6 22.7 62.7
 105 24.7 19.7 59.7

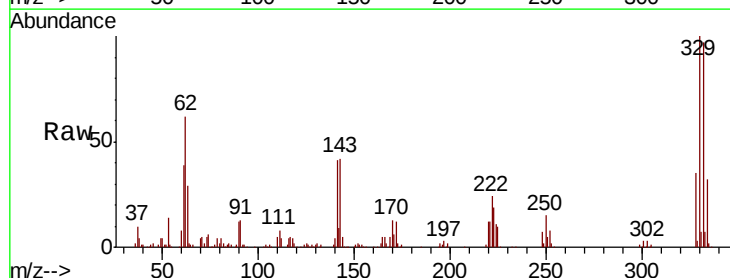


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

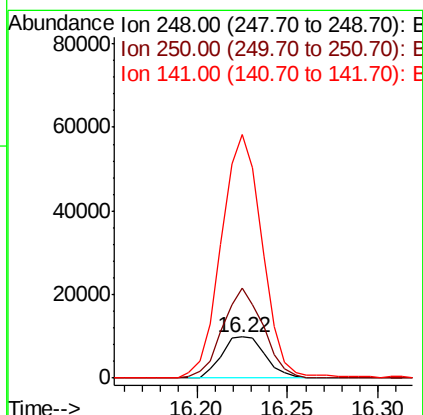
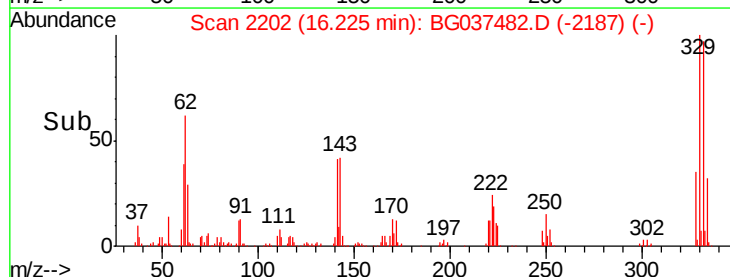


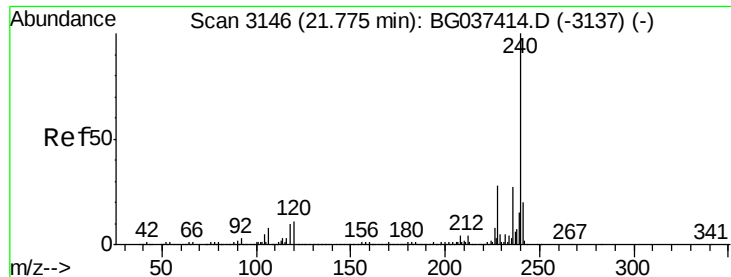
#67
 4-Bromophenyl-phenylether
 Concen: 3.473 ng
 RT: 16.22 min Scan# 2202
 Delta R.T. -0.44 min
 Lab File: BG037482.D
 Acq: 23 Oct 2018 18:50

Tgt Ion:248 Resp: 16436
 Ion Ratio Lower Upper
 248 100
 250 212.8 77.0 115.6#
 141 441.8 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

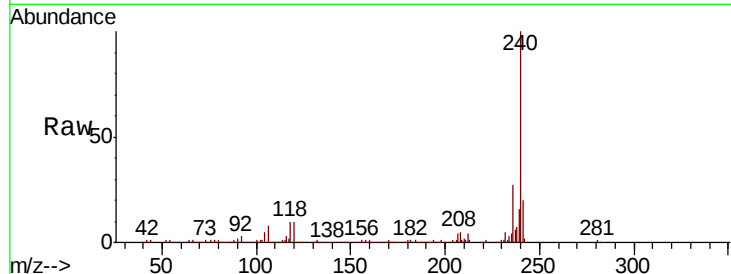




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.00 min
Lab File: BG037482.D
Acq: 23 Oct 2018 18:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.1	12.1
236	27.4	21.4	32.0

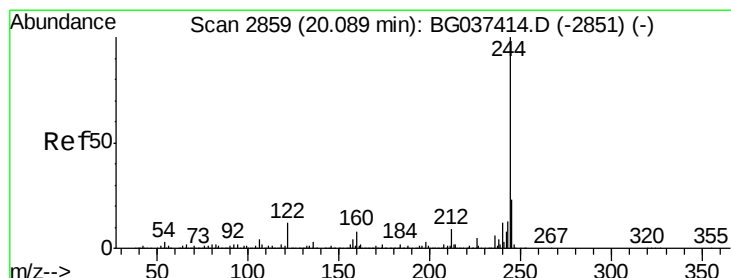
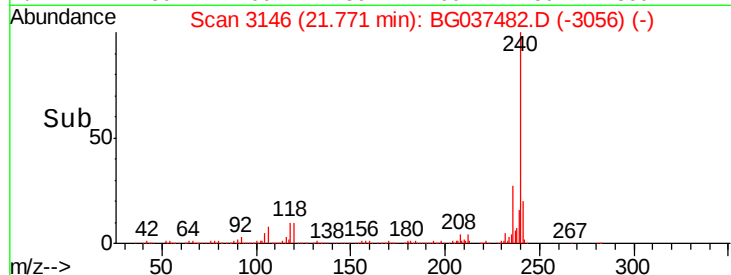
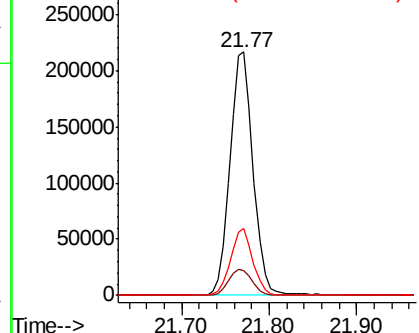


Abundance

Ion 240.00 (239.70 to 240.70): E

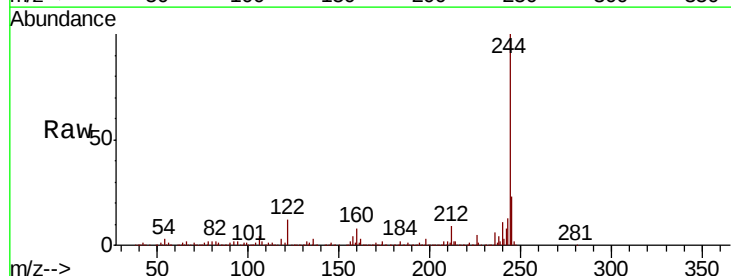
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79
Terphenyl-d14
Concen: 76.180 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BG037482.D
Acq: 23 Oct 2018 18:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.5	9.7
122	12.0	9.0	13.4

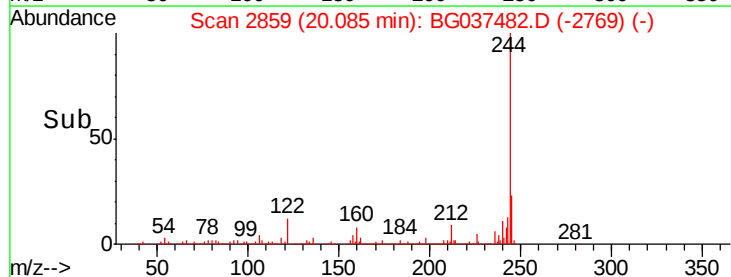
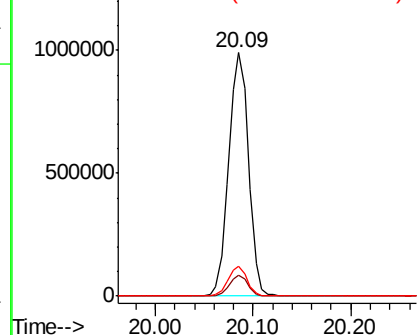


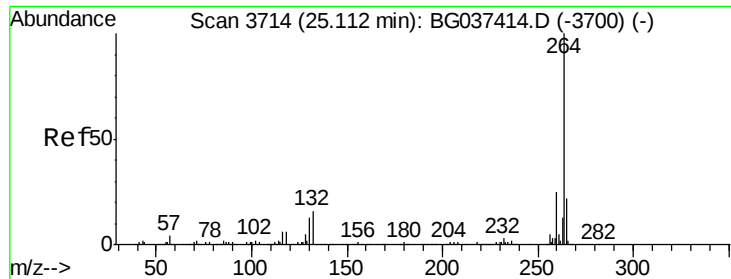
Abundance

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
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037482.D
Acq: 23 Oct 2018 18:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.4
265	20.5	17.9	26.9

