

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037555.D
 Acq On : 25 Oct 2018 21:35
 Operator : JU/SJ
 Sample : J5603-15RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 26 08:06:31 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

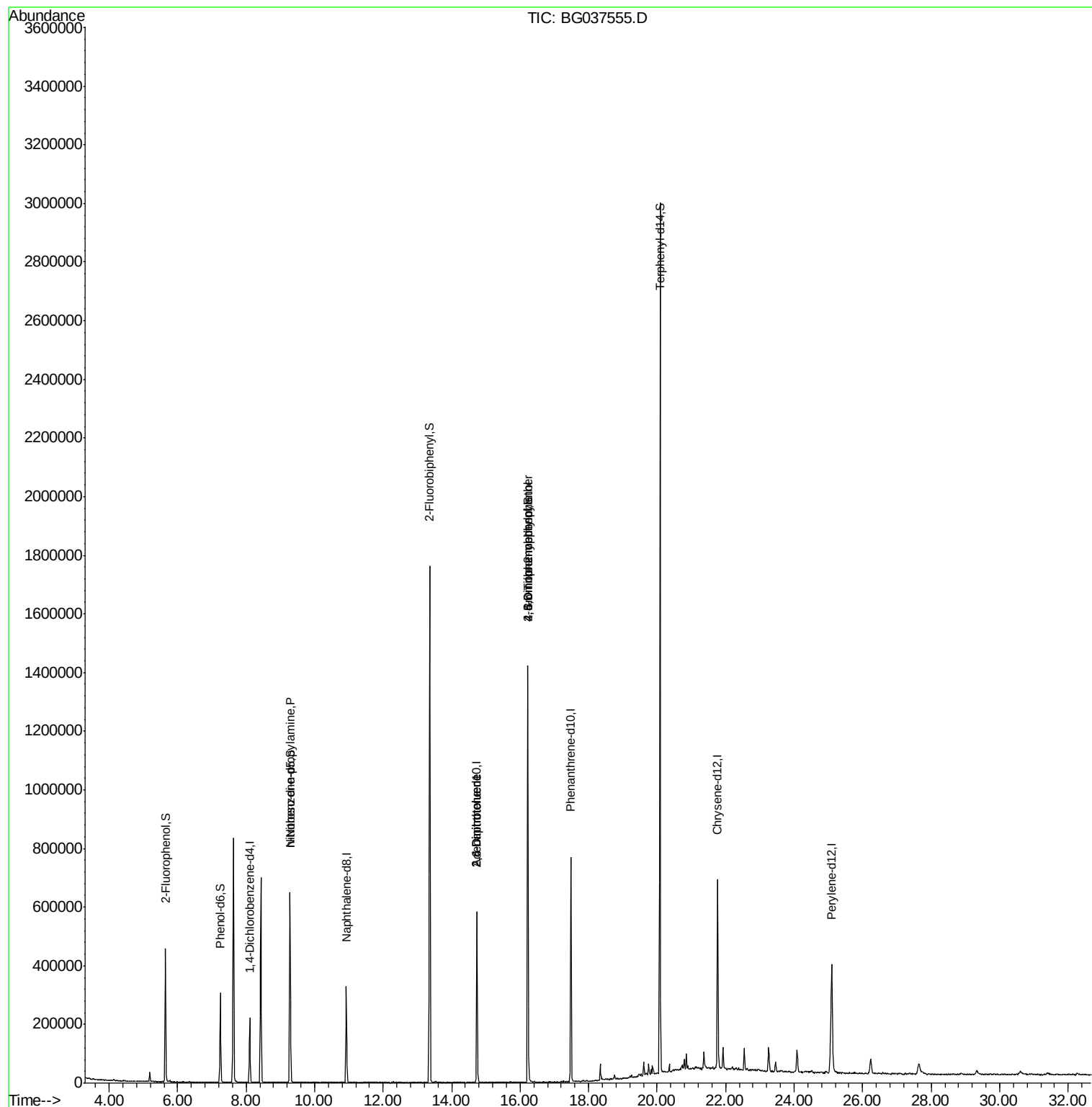
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	65735	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	294628	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	202967	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	463242	20.00	ng	0.00
76) Chrysene-d12	21.76	240	403993	20.00	ng	-0.01
87) Perylene-d12	25.10	264	410553	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	210266	53.48	ng	0.00
7) Phenol-d6	7.25	99	190604	32.06	ng	0.00
23) Nitrobenzene-d5	9.28	82	416564	79.20	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	259429	117.19	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	983069	73.04	ng	0.00
79) Terphenyl-d14	20.08	244	1400294	74.06	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	52373	12.792	ng	# 73
51) 2,6-Dinitrotoluene	14.74	165	26658	7.675	ng	# 25
57) 2,4-Dinitrotoluene	14.74	165	26658	5.847	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	835	8.790	ng	78
67) 4-Bromophenyl-phenylether	16.22	248	19049	3.745	ng	# 1

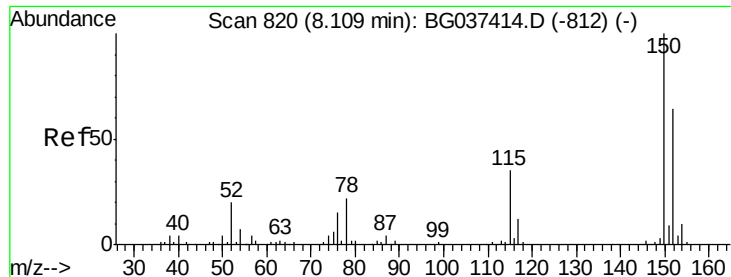
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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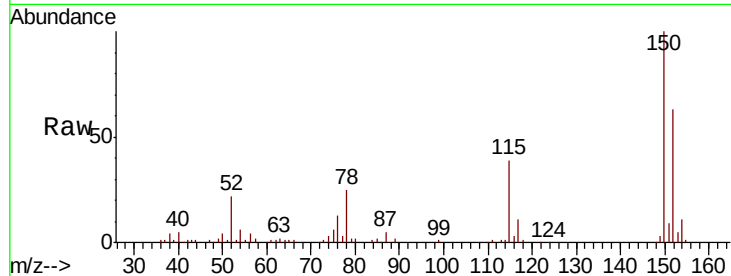


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037555.D
Acq: 25 Oct 2018 21:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.0	189.0
115	62.1	45.5	68.3

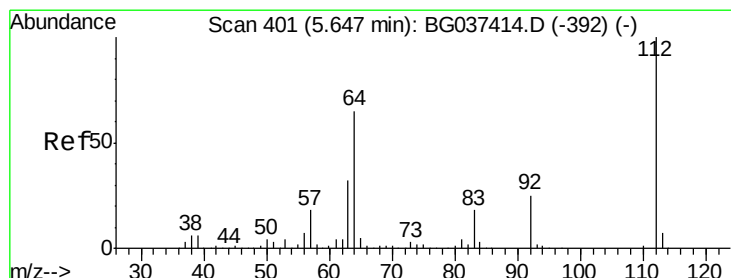
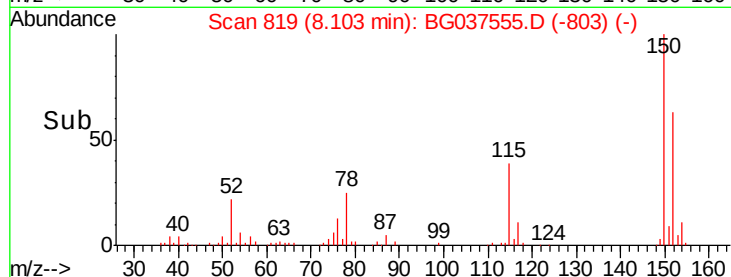
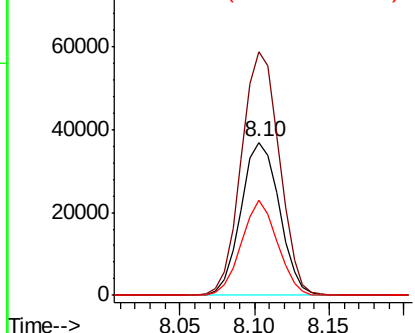


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

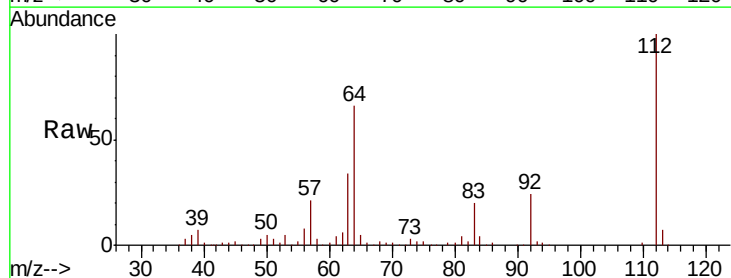
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 53.477 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037555.D
Acq: 25 Oct 2018 21:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	53.1	79.7
63	34.0	27.3	40.9

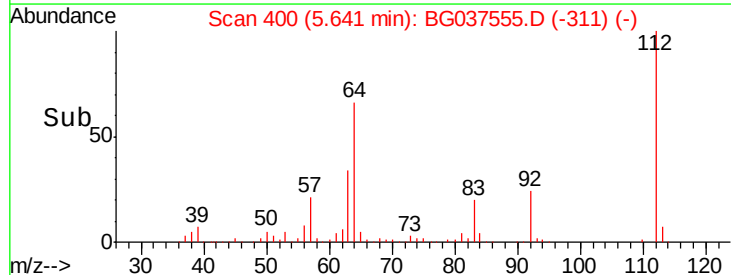
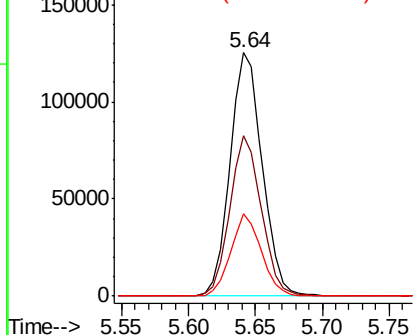


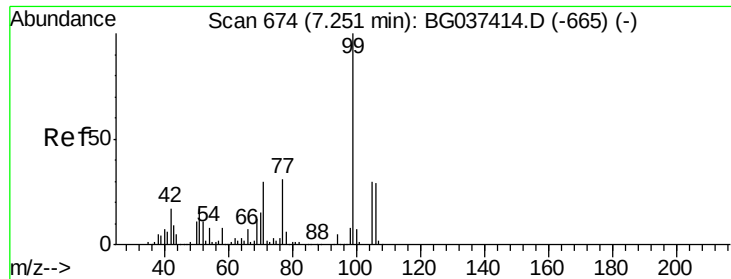
Abundance

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: 32.059 ng

RT: 7.25 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037555.D

Acq: 25 Oct 2018 21:35

Instrument :

BNA_G

ClientSampled :

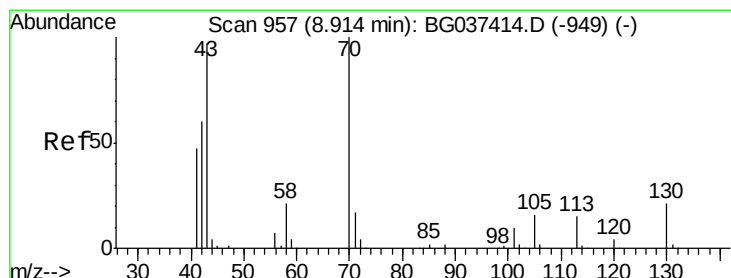
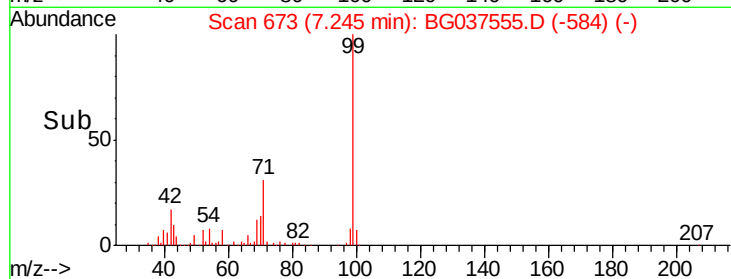
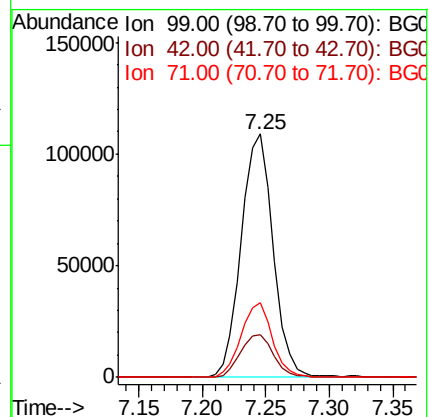
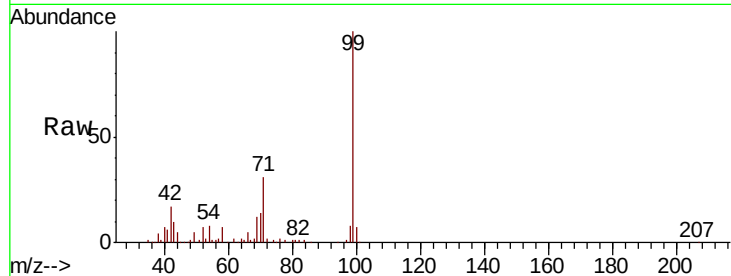
Tot Ion: 99 Resp: 190604

Ion Ratio Lower Upper

99 100

42 17.5 15.0 22.4

71 30.7 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 12.792 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.36 min

Lab File: BG037555.D

Acq: 25 Oct 2018 21:35

Tgt Ion: 70 Resp: 52373

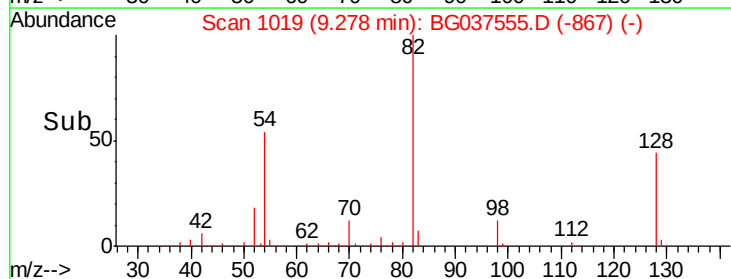
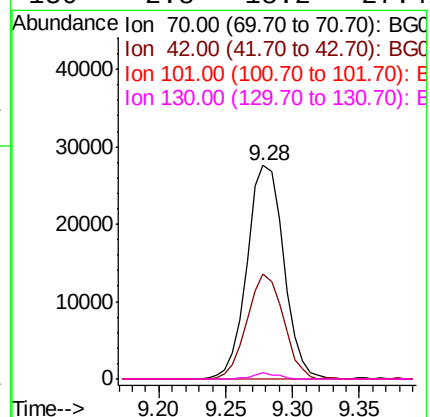
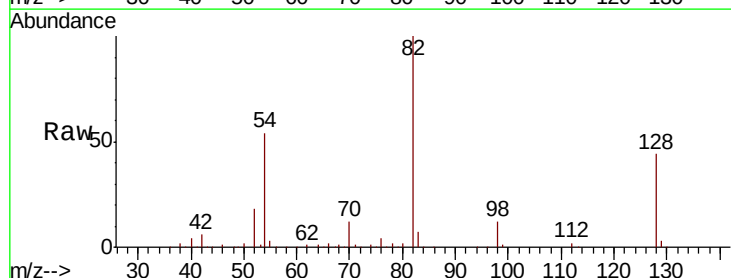
Ion Ratio Lower Upper

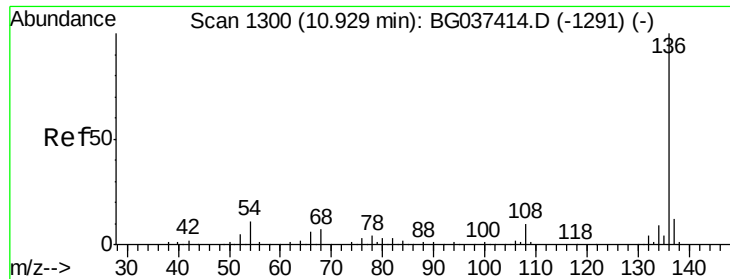
70 100

42 49.3 53.9 80.9#

101 0.0 8.2 12.2#

130 2.8 18.2 27.4#

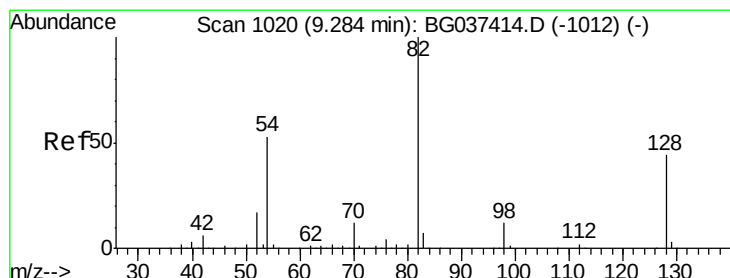
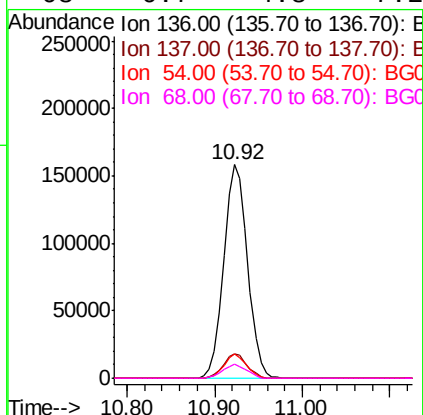
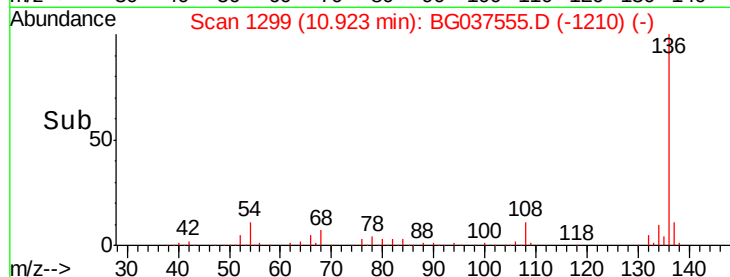
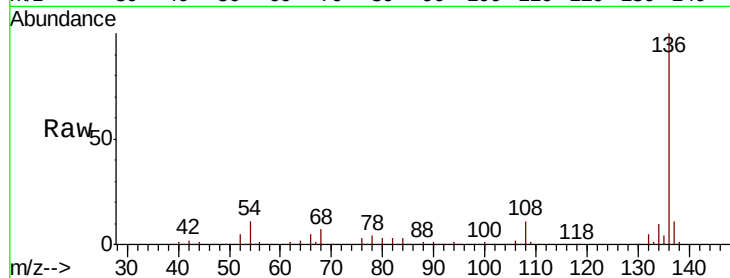




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037555.D
Acq: 25 Oct 2018 21:35

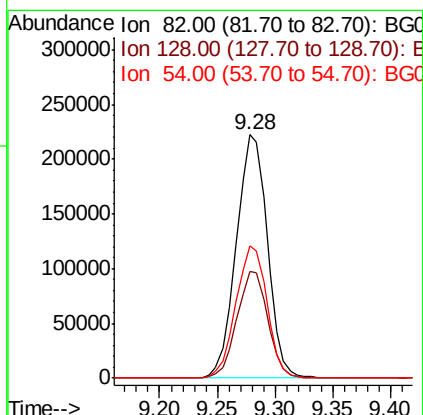
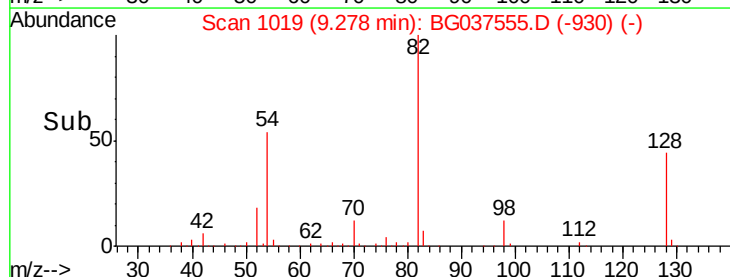
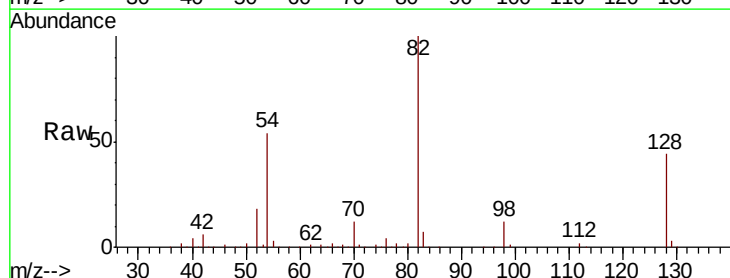
Instrument :
BNA_G
ClientSampled :

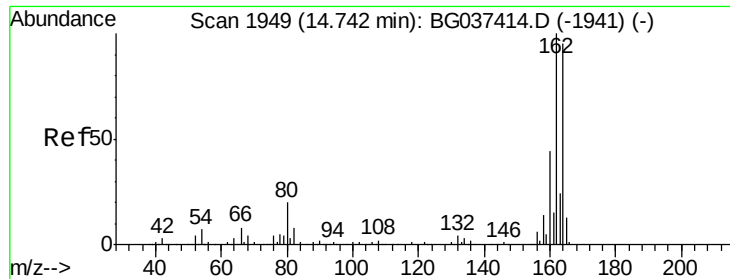
Tot Ion:136	Resp:	294628
Ion	Ratio	Lower Upper
136	100	
137	11.2	9.6 14.4
54	11.1	7.9 11.9
68	6.7	4.8 7.2



#23
Nitrobenzene-d5
Concen: 79.203 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037555.D
Acq: 25 Oct 2018 21:35

Tgt Ion: 82	Resp:	416564
Ion	Ratio	Lower Upper
82	100	
128	43.9	34.6 51.8
54	54.3	45.3 67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037555.D

Acq: 25 Oct 2018 21:35

Instrument :

BNA_G

ClientSampleId :

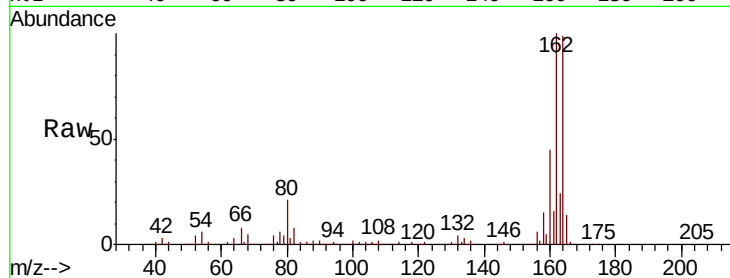
Tot Ion:164 Resp: 202967

Ion Ratio Lower Upper

164 100

162 100.7 81.3 121.9

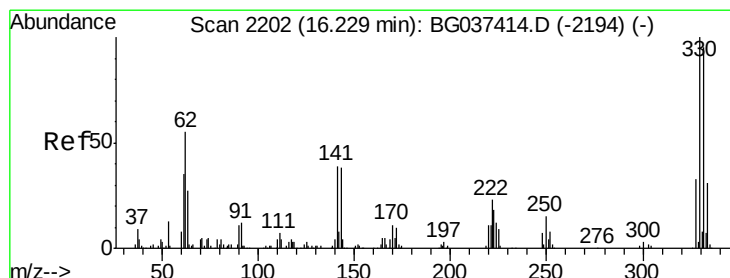
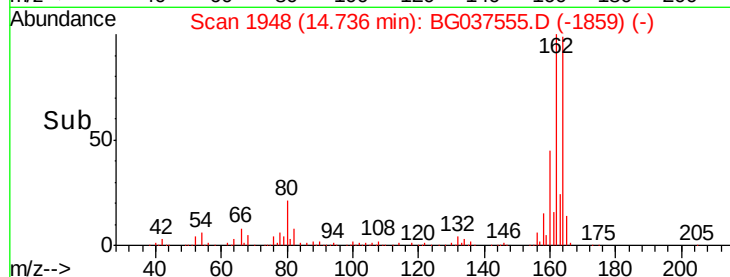
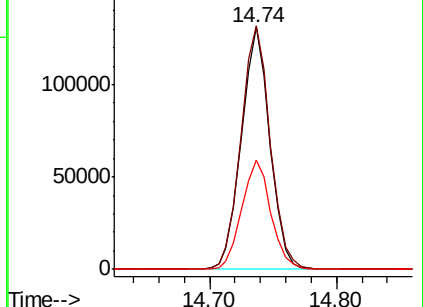
160 45.4 36.3 54.5



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: 117.190 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037555.D

Acq: 25 Oct 2018 21:35

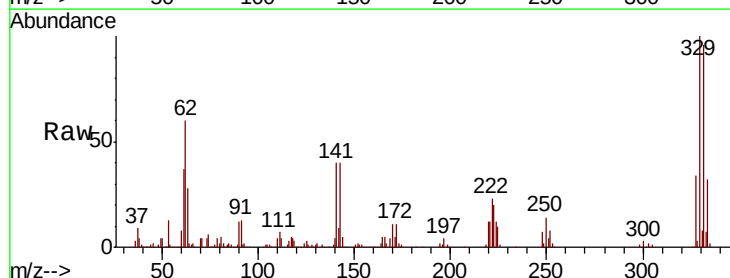
Tgt Ion:330 Resp: 259429

Ion Ratio Lower Upper

330 100

332 95.3 78.4 117.6

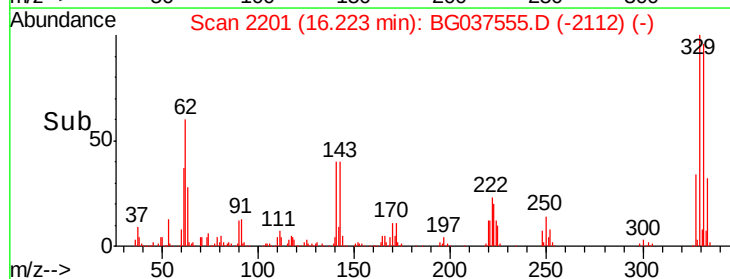
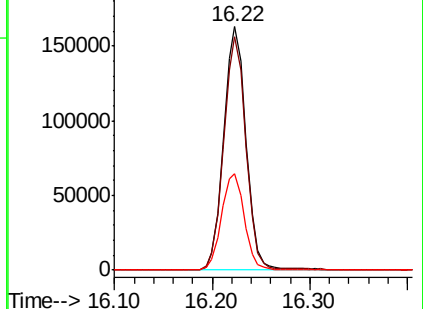
141 40.3 32.2 48.2

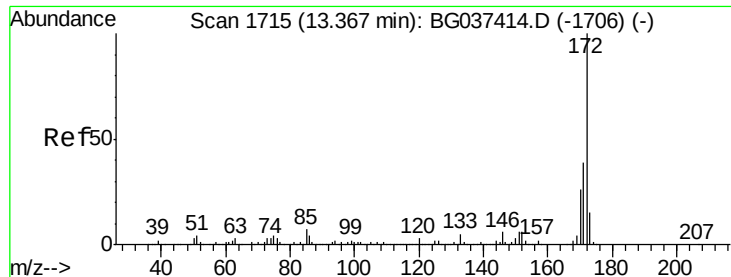


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

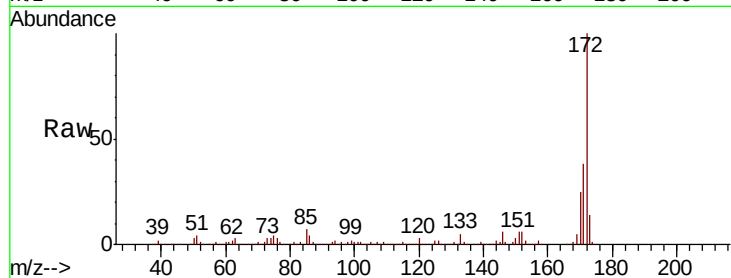




#45
2-Fluorobiphenyl
Concen: 73.037 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037555.D
Acq: 25 Oct 2018 21:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.0	46.4
170	25.4	20.2	30.2

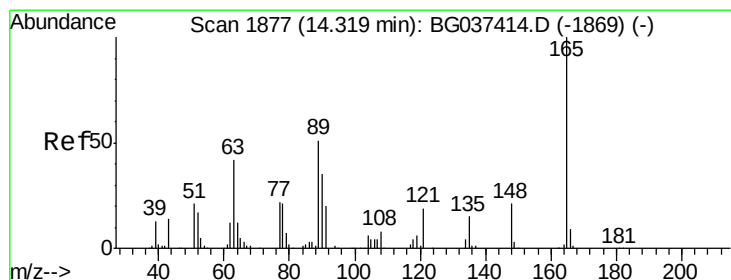
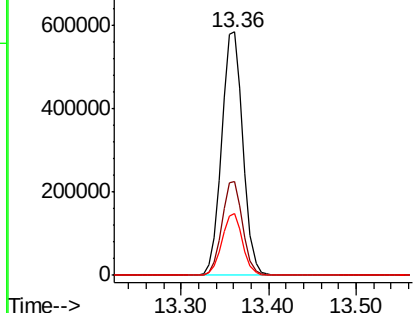
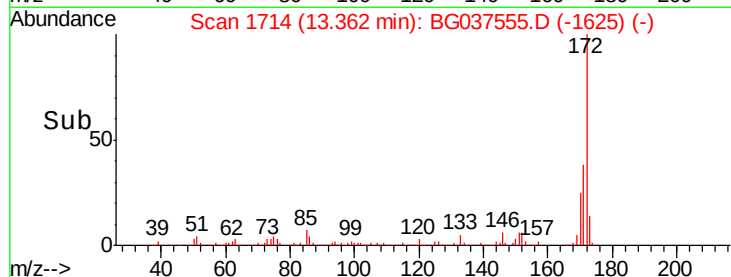


Abundance

Ion 172.00 (171.70 to 172.70): E

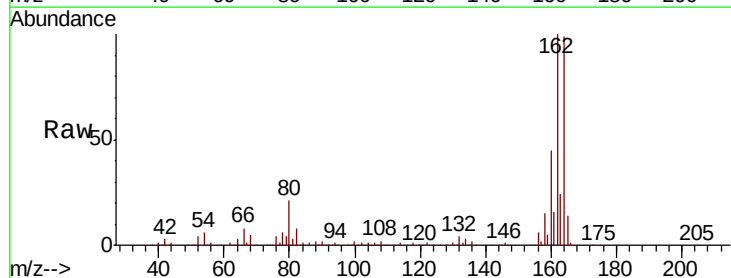
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#51
2,6-Dinitrotoluene
Concen: 7.675 ng
RT: 14.74 min Scan# 1948
Delta R.T. 0.42 min
Lab File: BG037555.D
Acq: 25 Oct 2018 21:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	43.4	65.2#
89	1.4	45.8	68.6#

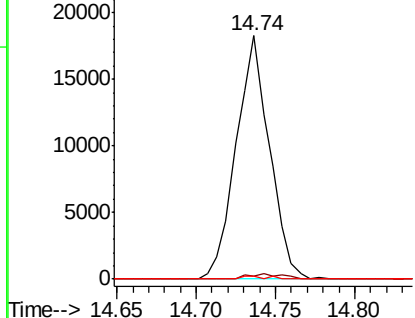
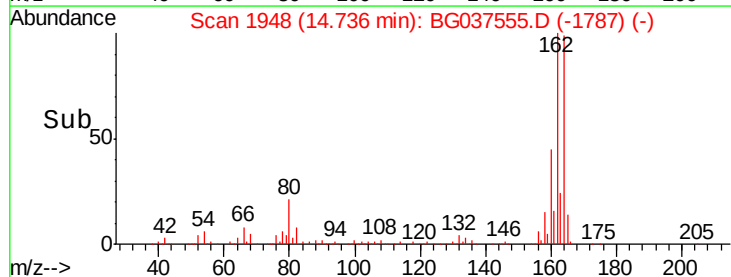


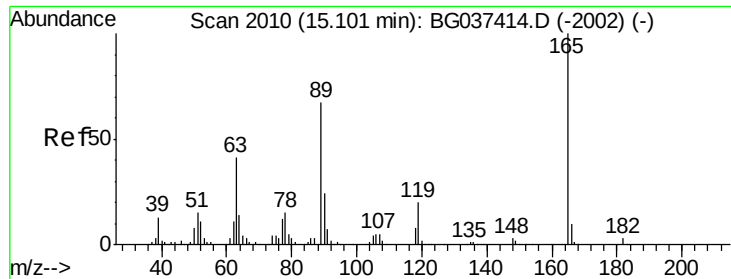
Abundance

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

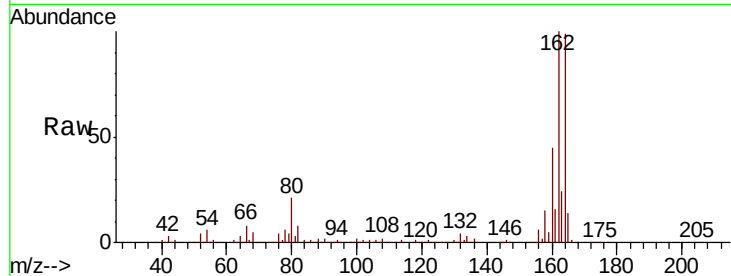




#57
 2,4-Dinitrotoluene
 Concen: 5.847 ng
 RT: 14.74 min Scan# 1948
 Delta R.T. -0.36 min
 Lab File: BG037555.D
 Acq: 25 Oct 2018 21:35

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.4	50.0#
89	1.4	57.2	85.8#
182	0.0	2.6	4.0#



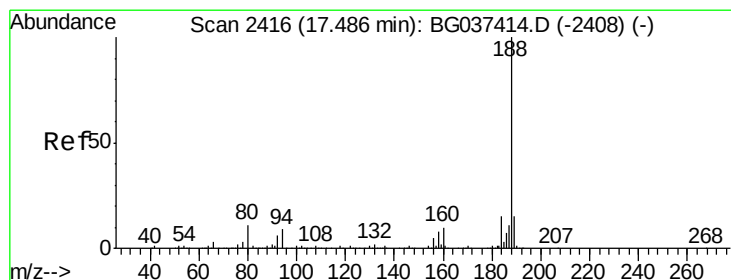
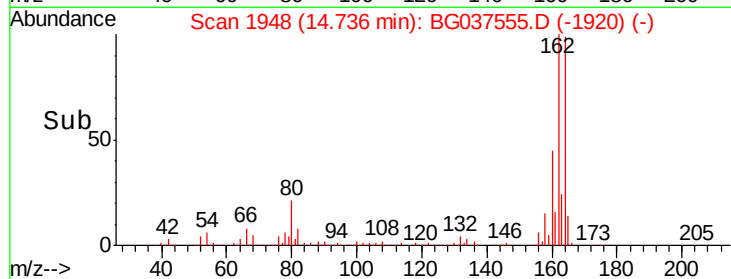
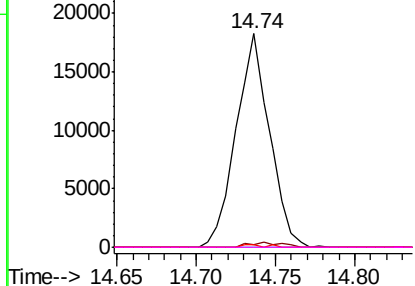
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

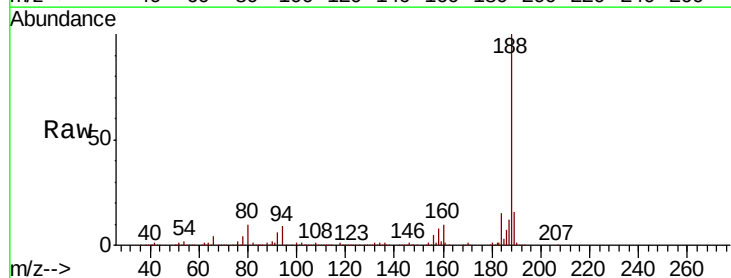
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037555.D
 Acq: 25 Oct 2018 21:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.5	7.7	11.5

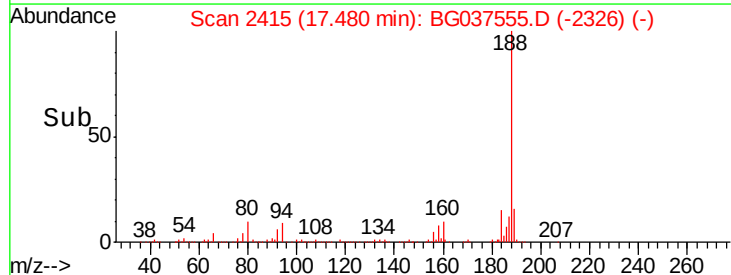
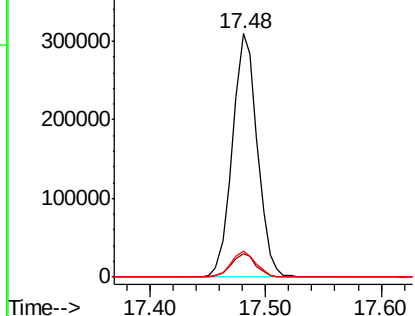


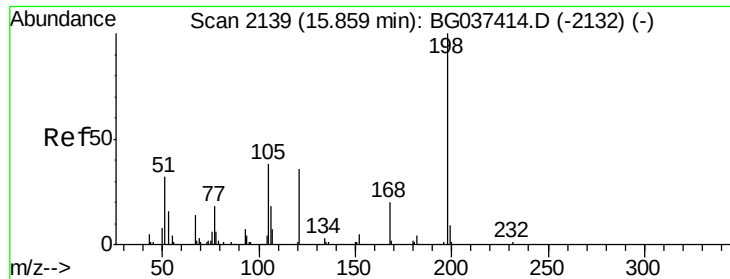
Abundance

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

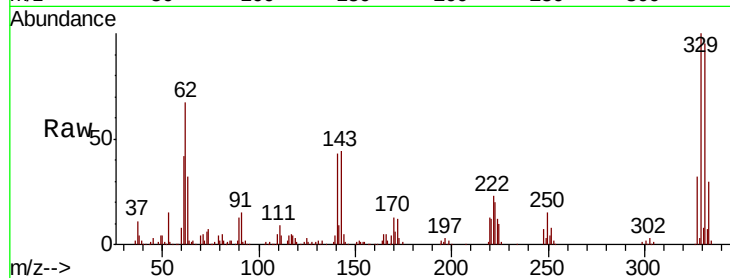




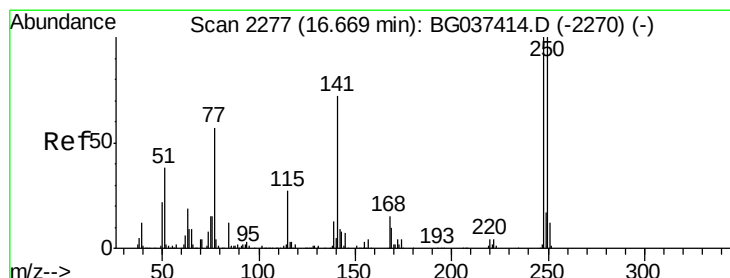
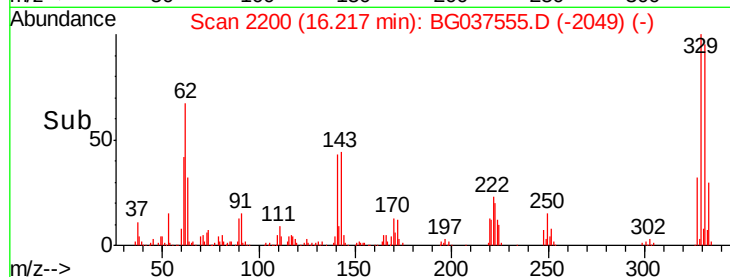
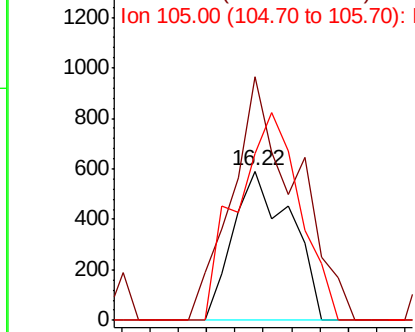
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.790 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. 0.36 min
 Lab File: BG037555.D
 Acq: 25 Oct 2018 21:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 835
 Ion Ratio Lower Upper
 198 100
 51 32.1 22.7 62.7
 105 22.1 19.7 59.7

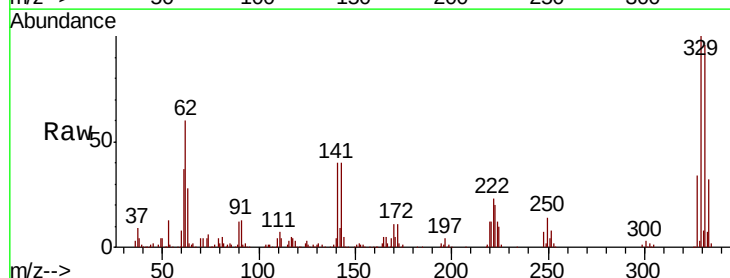


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

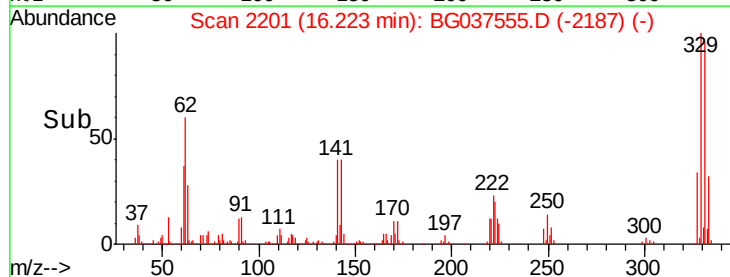
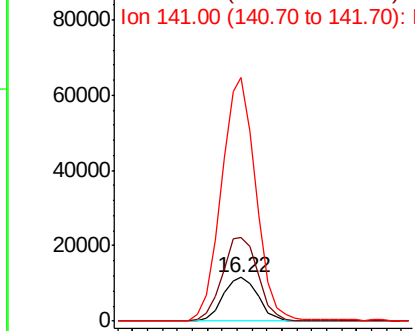


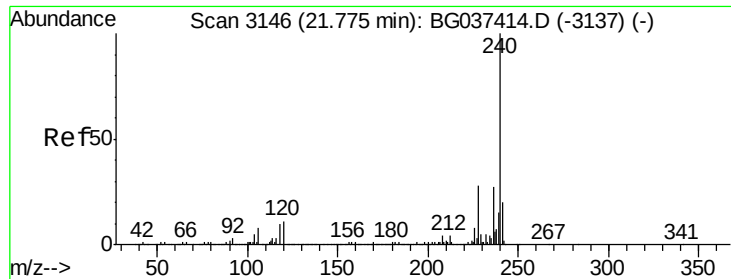
#67
 4-Bromophenyl-phenylether
 Concen: 3.745 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.45 min
 Lab File: BG037555.D
 Acq: 25 Oct 2018 21:35

Tgt Ion:248 Resp: 19049
 Ion Ratio Lower Upper
 248 100
 250 193.3 77.0 115.6#
 141 425.6 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: BG037555.D

Acq: 25 Oct 2018 21:35

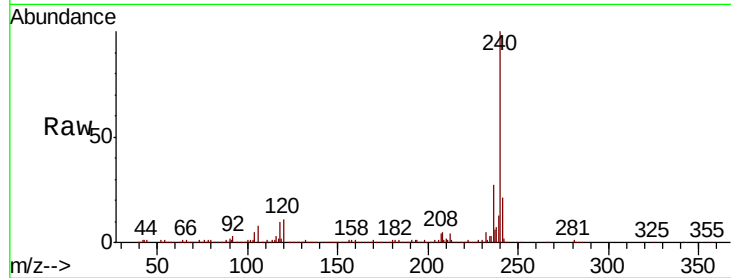
Instrument :

BNA_G

ClientSampled :

Tot Ion:240 Resp: 403993

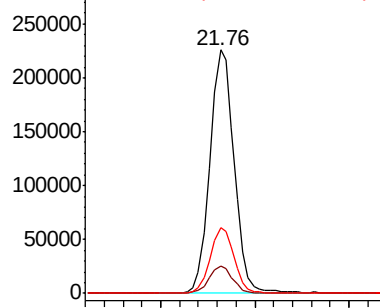
Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.1	12.1
236	27.2	21.4	32.0



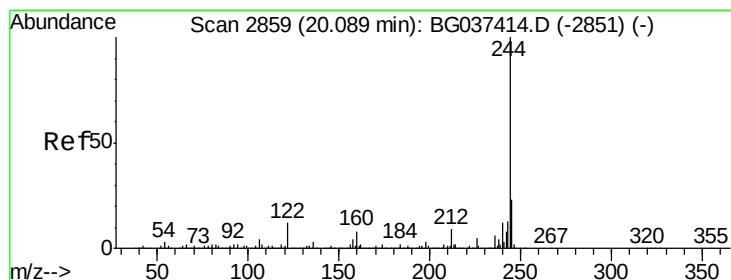
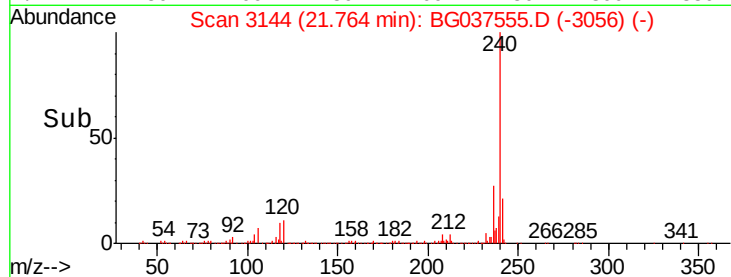
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#79

Terphenyl-d14

Concen: 74.063 ng

RT: 20.08 min Scan# 2858

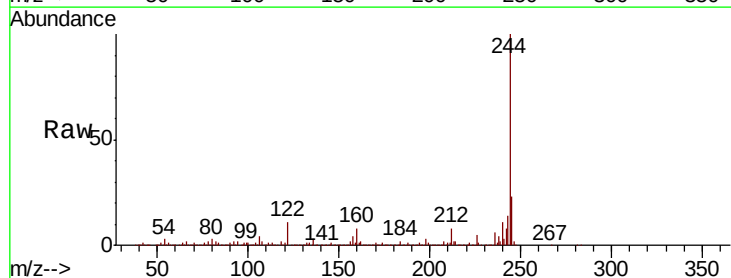
Delta R.T. -0.01 min

Lab File: BG037555.D

Acq: 25 Oct 2018 21:35

Tgt Ion:244 Resp: 1400294

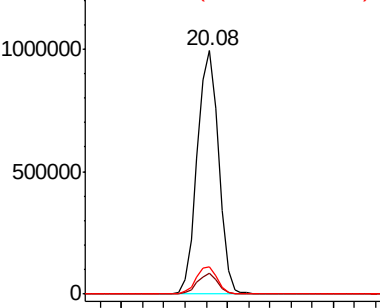
Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	11.3	9.0	13.4



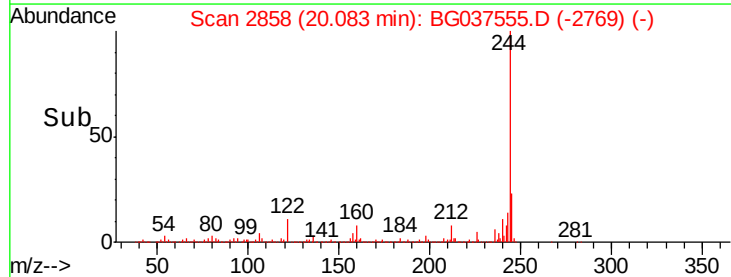
Abundance Ion 244.00 (243.70 to 244.70): E

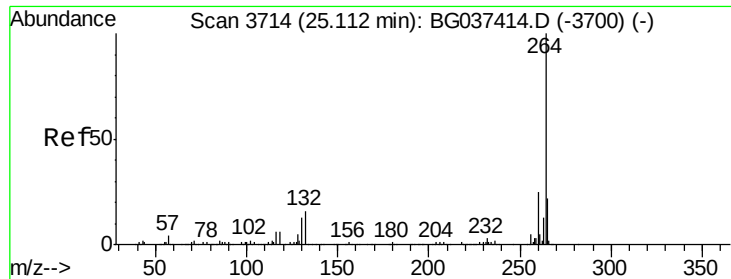
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

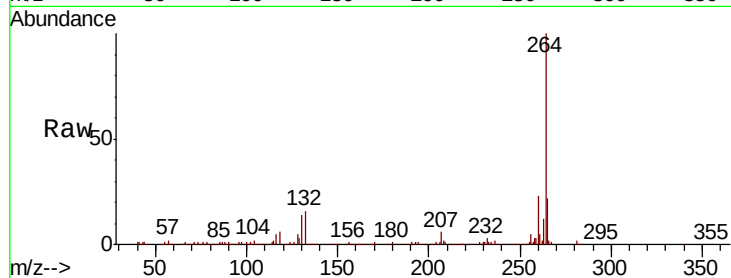




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037555.D
Acq: 25 Oct 2018 21:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.4
265	22.5	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

