

Data File : BG037953.D
Acq On : 12 Nov 2018 20:43
Operator : JU/SJ
Sample : J5907-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-3-D

Quant Time: Nov 13 04:25:59 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

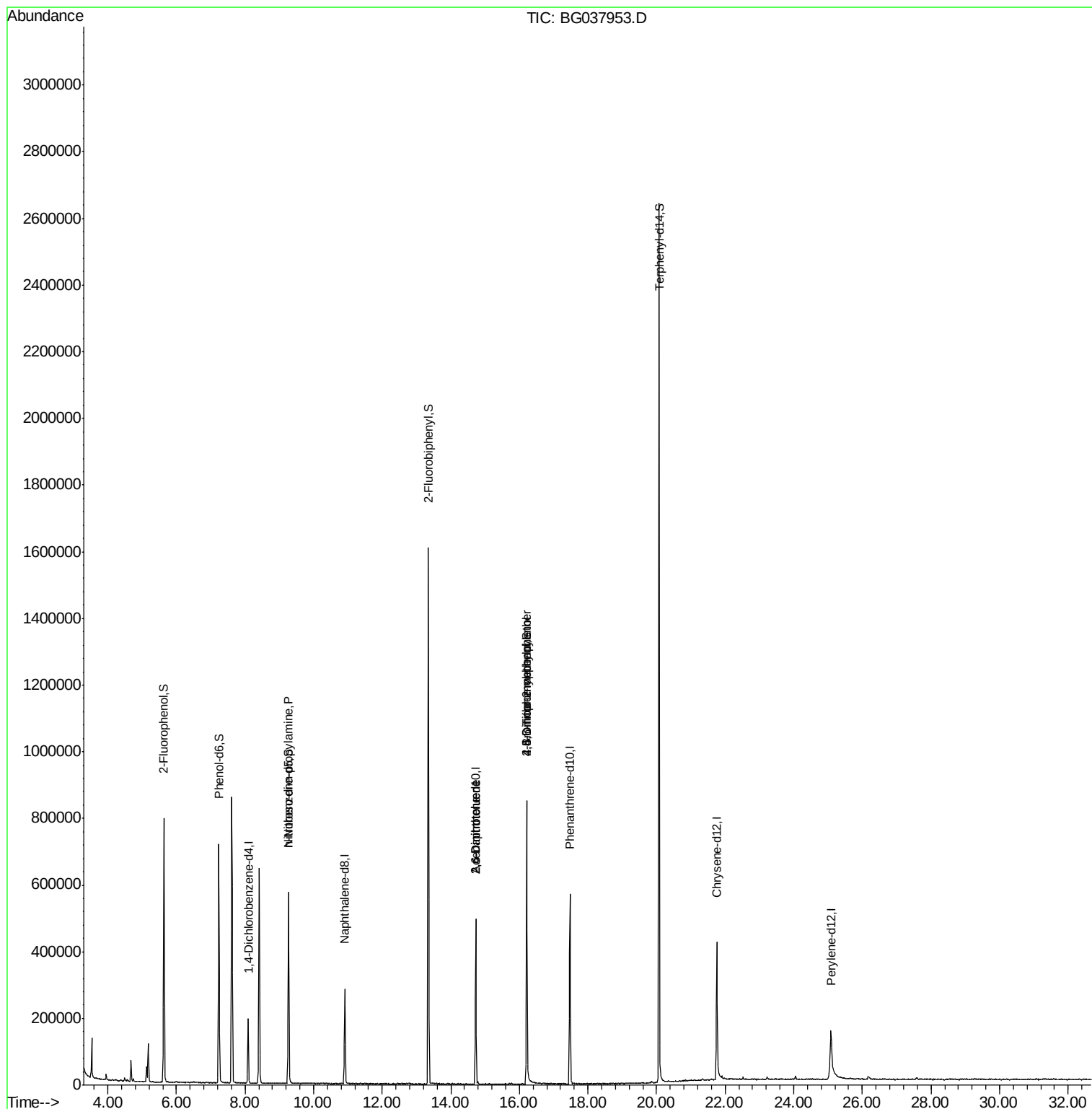
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	58200	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	258266	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	172227	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	375714	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	329434	20.00	ng	-0.02
87) Perylene-d12	25.08	264	242024	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	364595	104.73	ng	-0.01
7) Phenol-d6	7.23	99	470516	89.38	ng	-0.02
23) Nitrobenzene-d5	9.27	82	371096	80.49	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	169382	90.17	ng	-0.02
45) 2-Fluorobiphenyl	13.34	172	900559	78.85	ng	-0.02
79) Terphenyl-d14	20.07	244	1273713	82.62	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	45997	12.689	ng	# 68
51) 2,6-Dinitrotoluene	14.72	165	22583	7.662	ng	# 26
57) 2,4-Dinitrotoluene	14.72	165	22583	5.837	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	287	8.627	ng	# 71
67) 4-Bromophenyl-phenylether	16.21	248	12485	3.026	ng	# 1

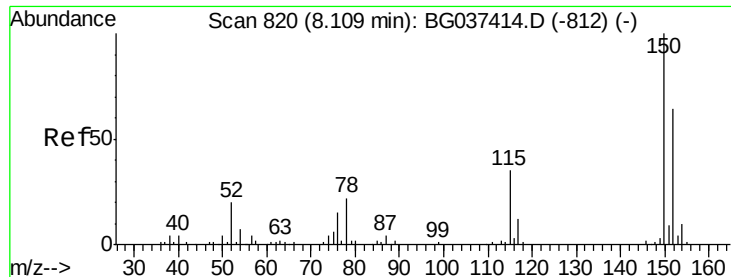
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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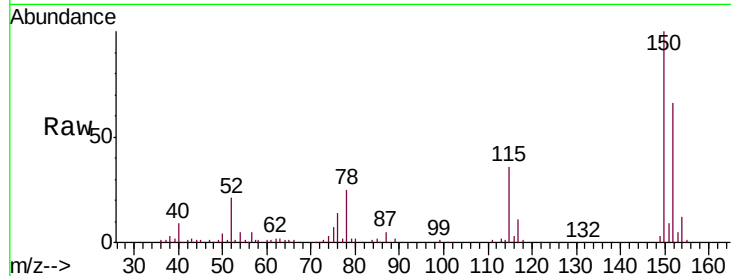


#1

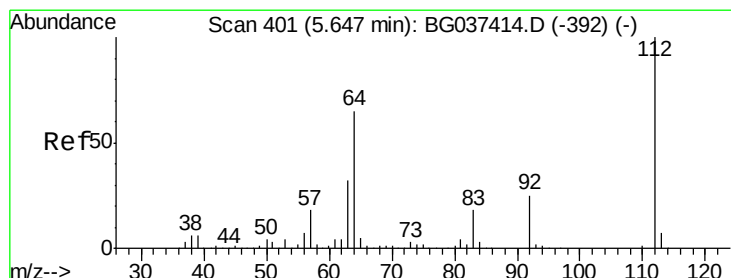
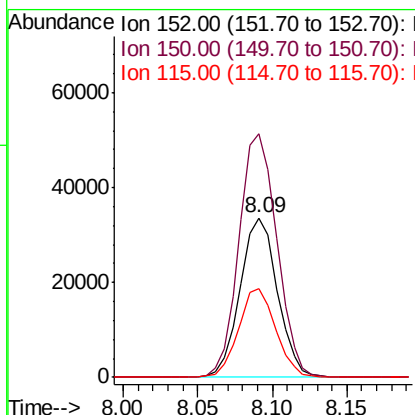
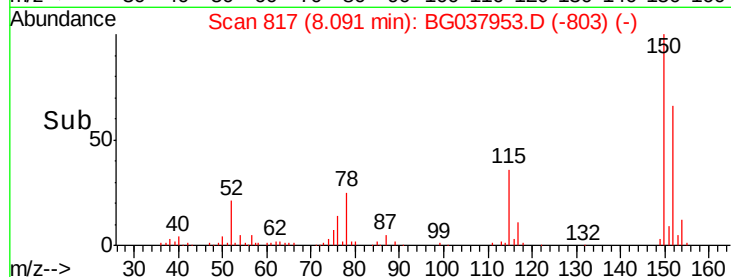
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037953.D
Acq: 12 Nov 2018 20:43

Instrument :
BNA_G
ClientSampleId :
TP-3-D

Tgt Ion:152 Resp: 58200
Ion Ratio Lower Upper
152 100
150 152.6 126.0 189.0
115 55.3 45.5 68.3



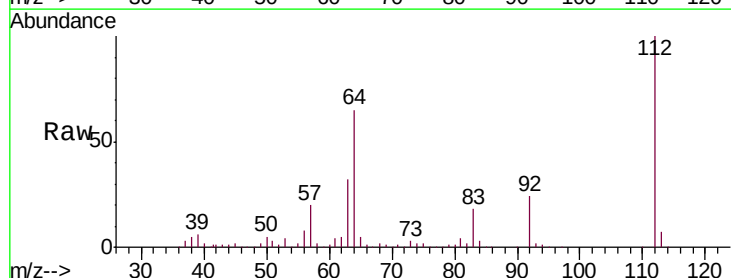
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



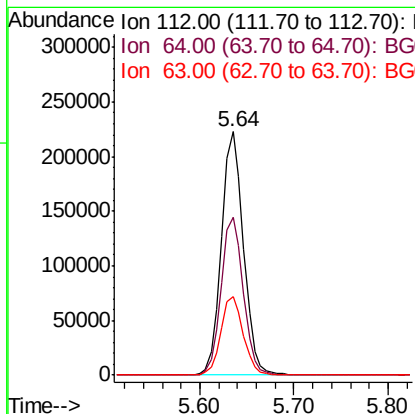
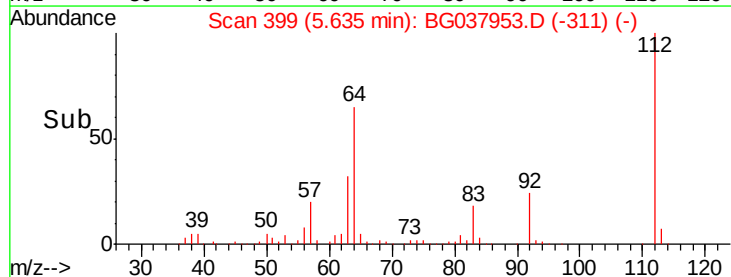
#5

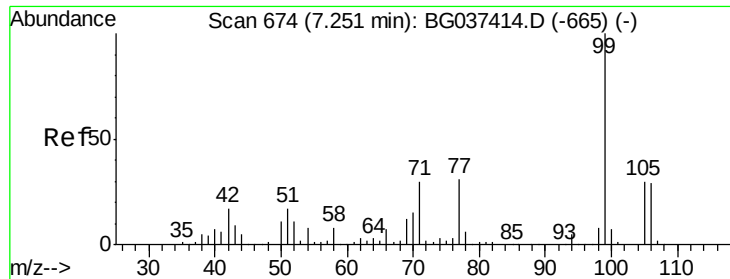
2-Fluorophenol
Concen: 104.734 ng
RT: 5.64 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037953.D
Acq: 12 Nov 2018 20:43

Tgt Ion:112 Resp: 364595
Ion Ratio Lower Upper
112 100
64 64.6 53.1 79.7
63 32.3 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: 89.384 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.02 min

Lab File: BG037953.D

Acq: 12 Nov 2018 20:43

Instrument :

BNA_G

ClientSampleId :

TP-3-D

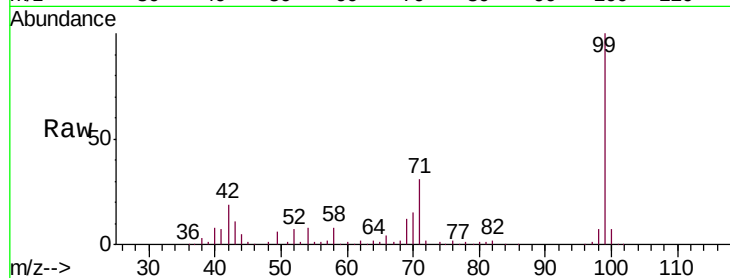
Tgt Ion: 99 Resp: 470516

Ion Ratio Lower Upper

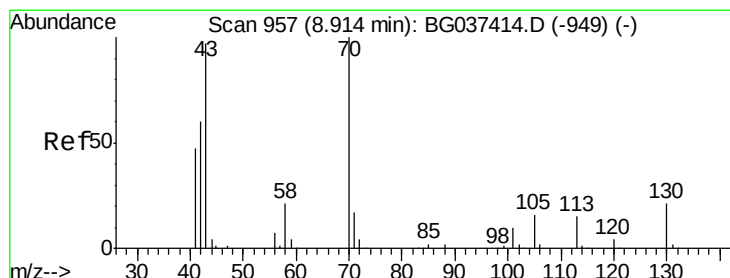
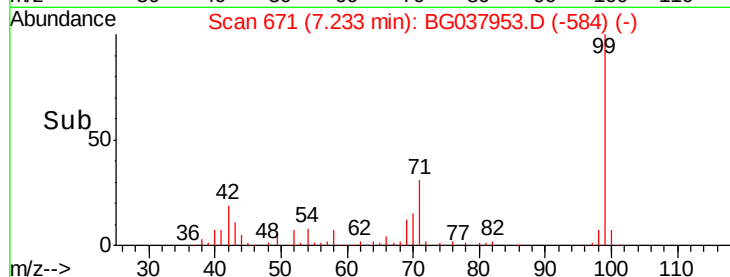
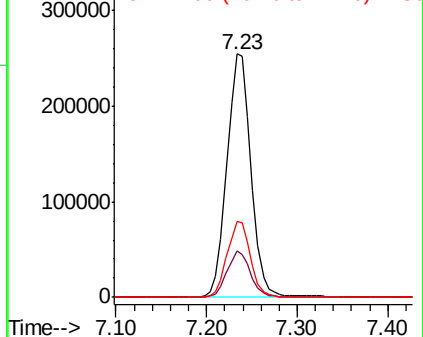
99 100

42 18.8 15.0 22.4

71 31.3 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: 12.689 ng

RT: 9.27 min Scan# 1017

Delta R.T. 0.35 min

Lab File: BG037953.D

Acq: 12 Nov 2018 20:43

Tgt Ion: 70 Resp: 45997

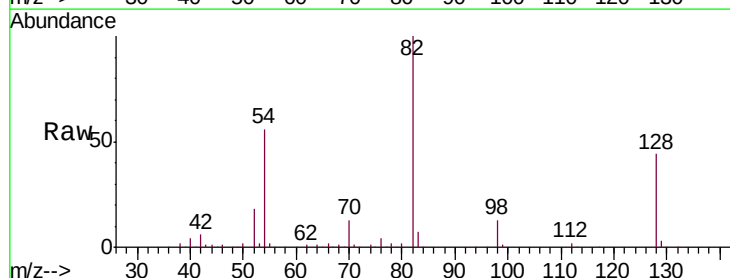
Ion Ratio Lower Upper

70 100

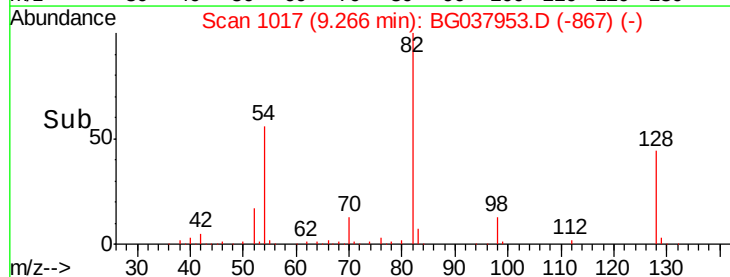
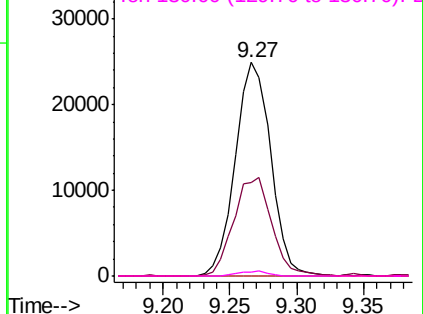
42 43.8 53.9 80.9#

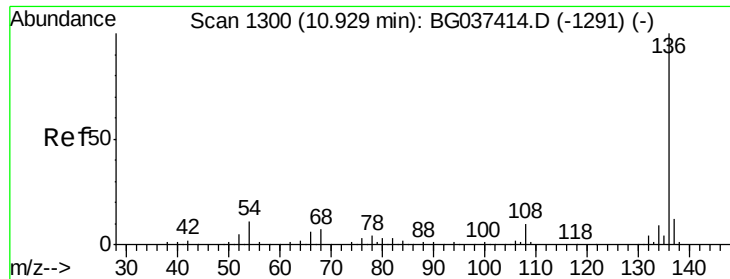
101 0.0 8.2 12.2#

130 2.0 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

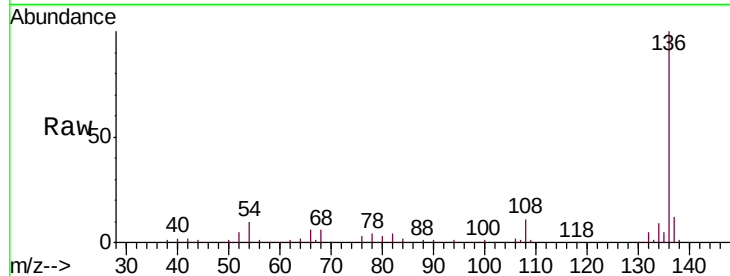




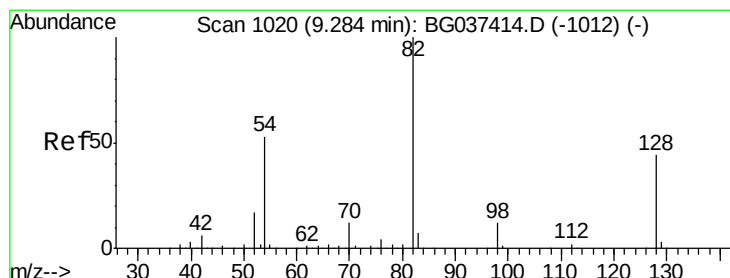
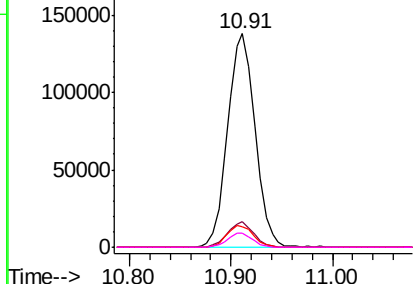
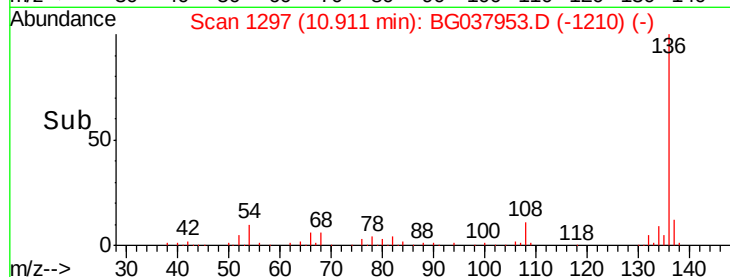
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037953.D
Acq: 12 Nov 2018 20:43

Instrument :
BNA_G
ClientSampleId :
TP-3-D

Tgt Ion:	136	Resp:	258266
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.6	14.4
54	9.7	7.9	11.9
68	6.4	4.8	7.2

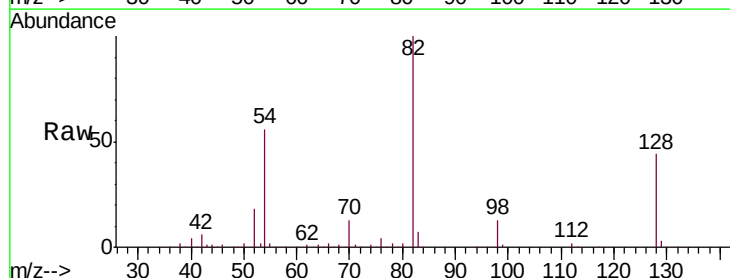


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

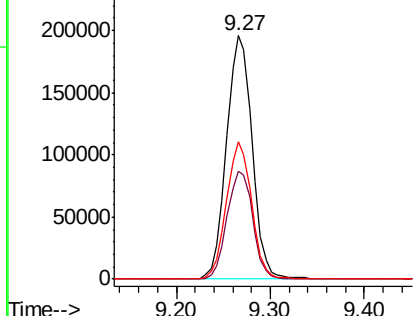
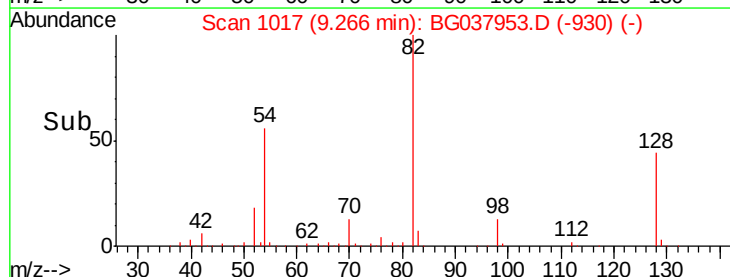


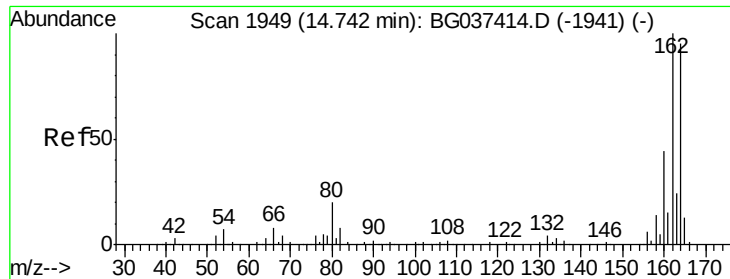
#23
Nitrobenzene-d5
Concen: 80.492 ng
RT: 9.27 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BG037953.D
Acq: 12 Nov 2018 20:43

Tgt Ion:	82	Resp:	371096
Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.6	51.8
54	56.4	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: 14.72 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG037953.D

Acq: 12 Nov 2018 20:43

Instrument :

BNA_G

ClientSampleId :

TP-3-D

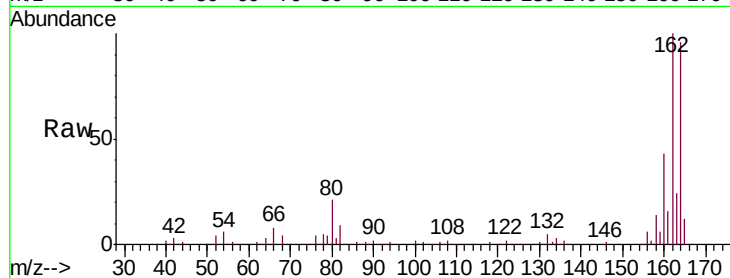
Tgt Ion:164 Resp: 172227

Ion Ratio Lower Upper

164 100

162 104.5 81.3 121.9

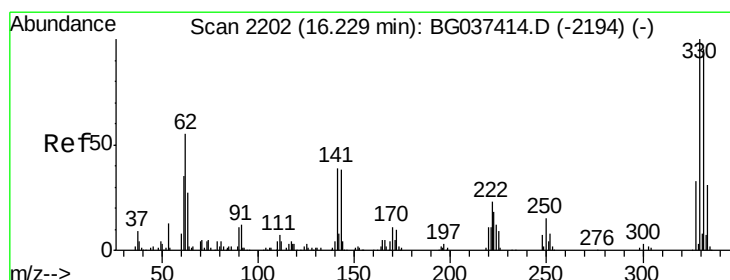
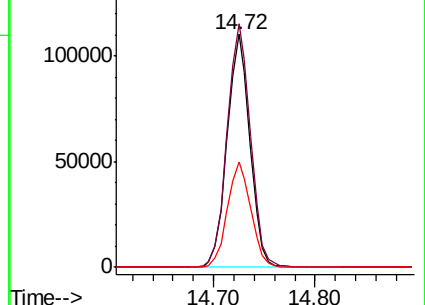
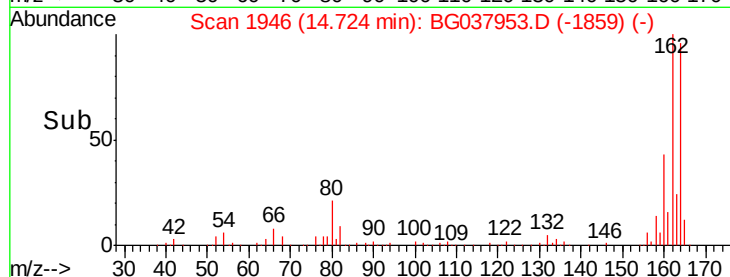
160 45.4 36.3 54.5



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: 90.171 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.02 min

Lab File: BG037953.D

Acq: 12 Nov 2018 20:43

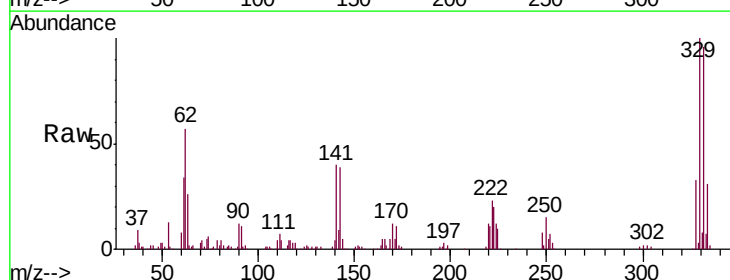
Tgt Ion:330 Resp: 169382

Ion Ratio Lower Upper

330 100

332 95.1 78.4 117.6

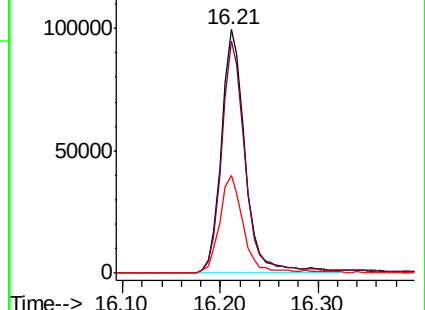
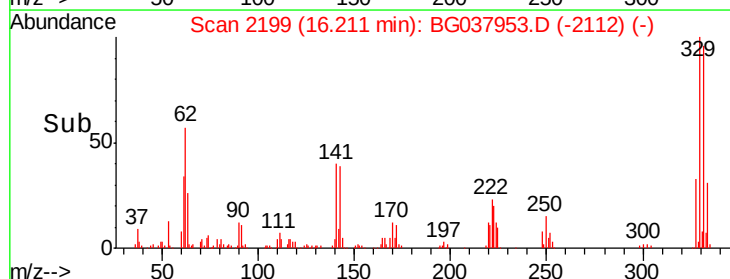
141 39.5 32.2 48.2

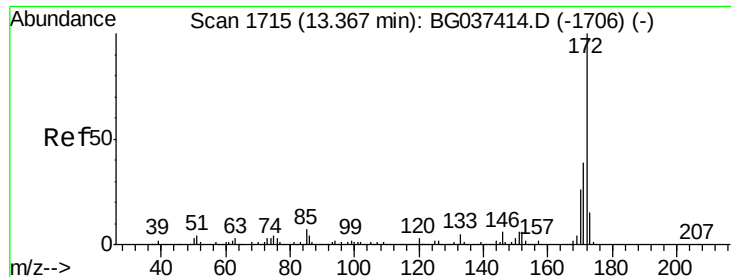


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

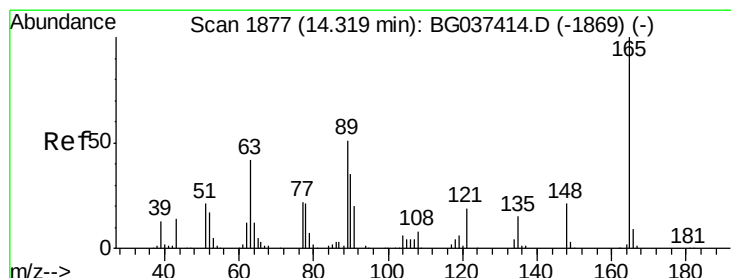
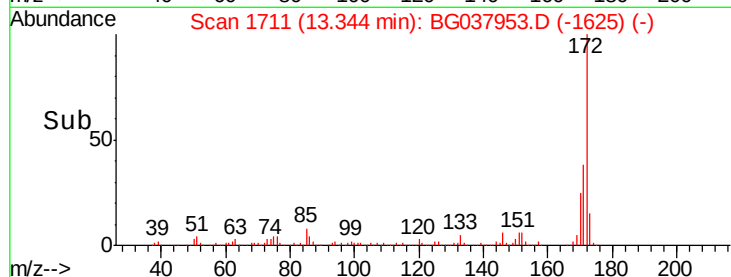
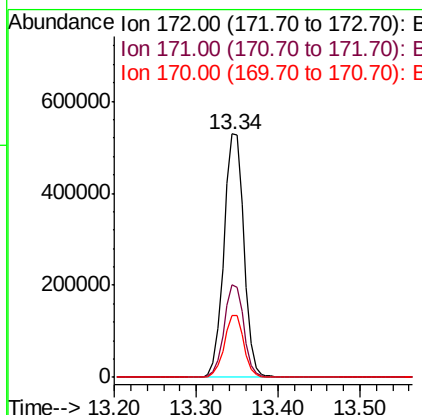
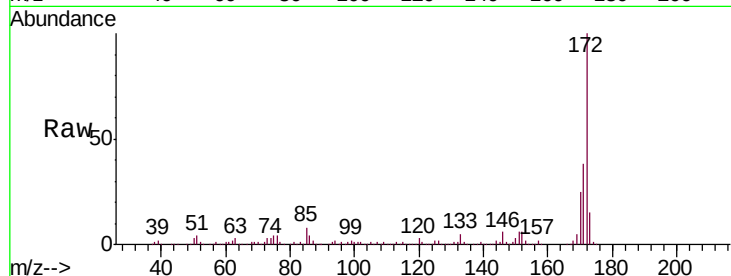




#45
 2-Fluorobiphenyl
 Concen: 78.849 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.02 min
 Lab File: BG037953.D
 Acq: 12 Nov 2018 20:43

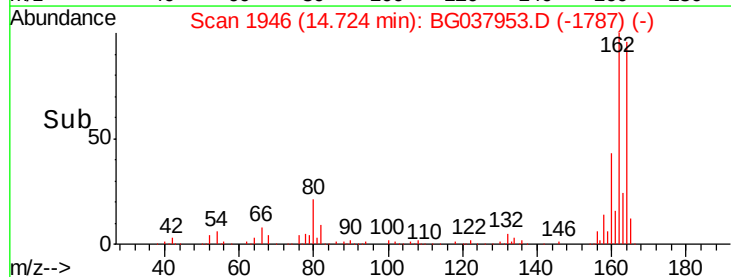
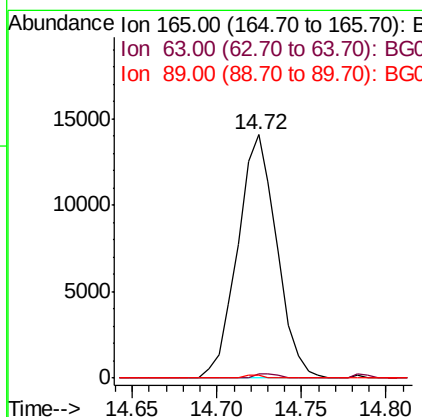
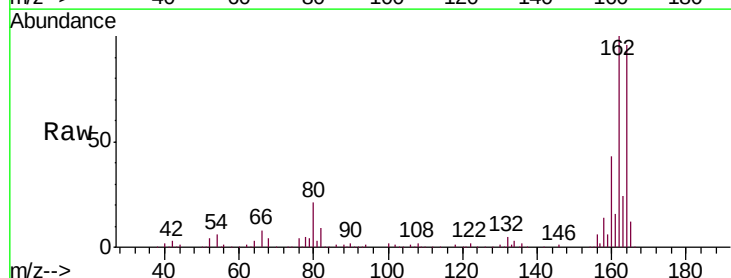
Instrument :
 BNA_G
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 TP-3-D

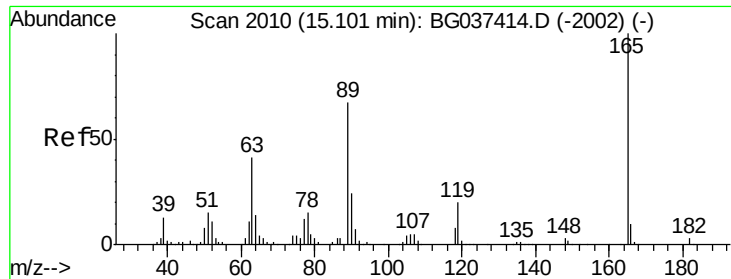
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	25.3	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.662 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.41 min
 Lab File: BG037953.D
 Acq: 12 Nov 2018 20:43

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	43.4	65.2#
89	1.2	45.8	68.6#

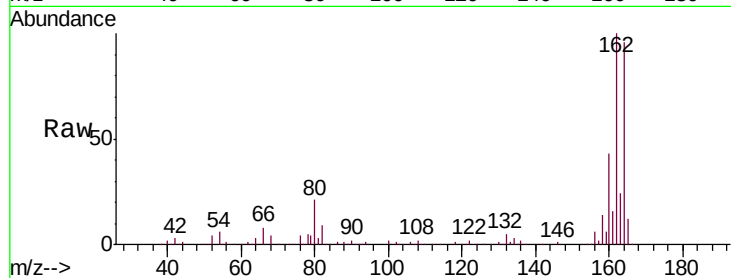




#57
 2,4-Dinitrotoluene
 Concen: 5.837 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.38 min
 Lab File: BG037953.D
 Acq: 12 Nov 2018 20:43

Instrument :
 BNA_G
 ClientSampleId :
 TP-3-D

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	33.4	50.0#
89	1.2	57.2	85.8#
182	0.0	2.6	4.0#

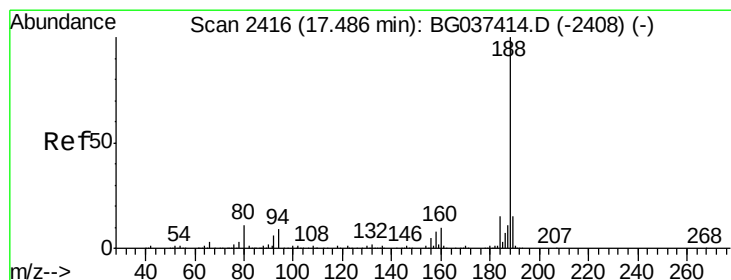
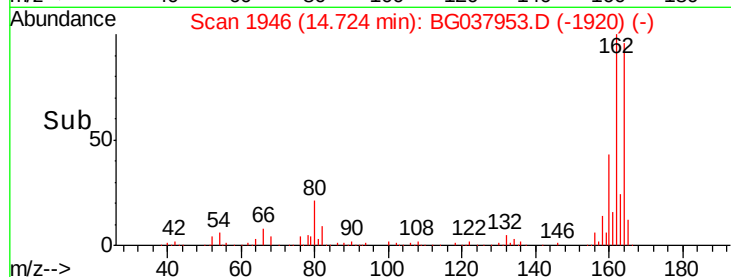
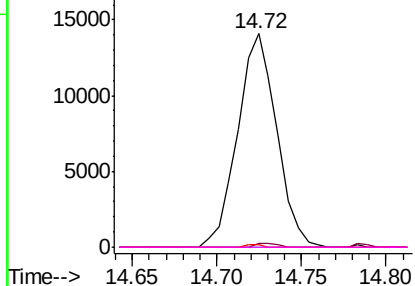


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

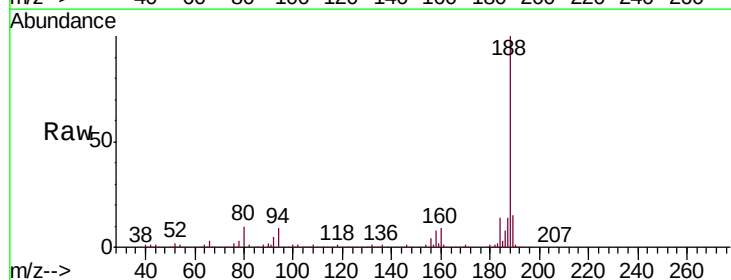
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BG037953.D
 Acq: 12 Nov 2018 20:43

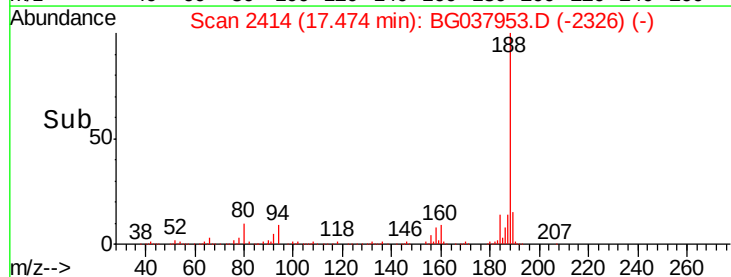
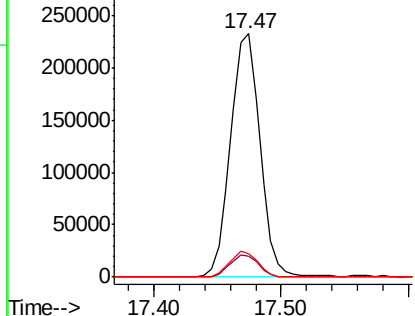
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	9.8	7.7	11.5

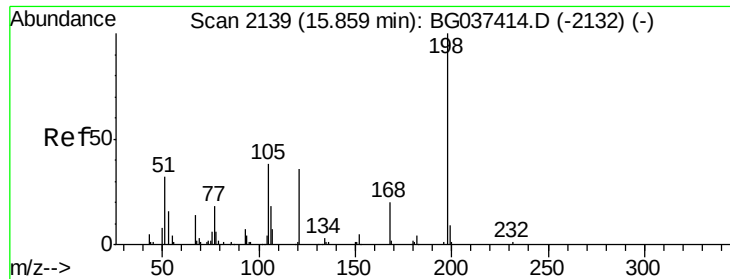


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

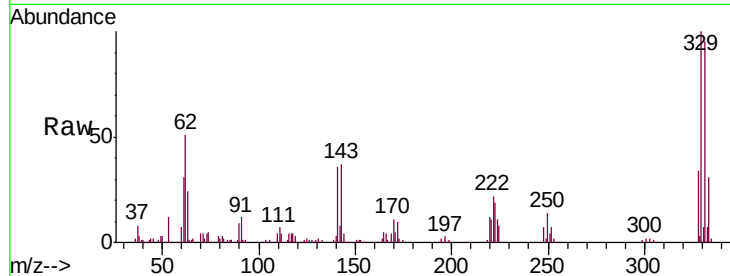




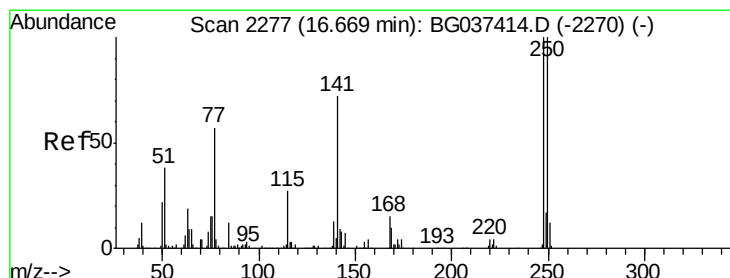
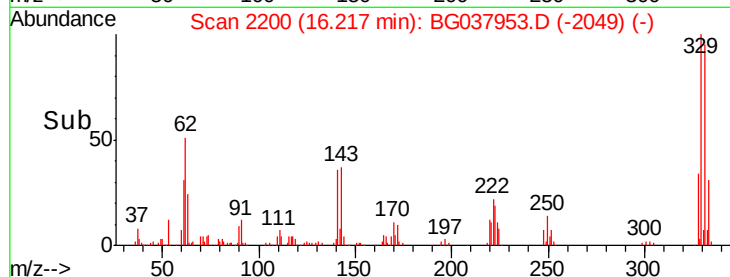
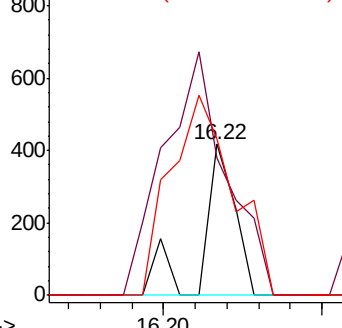
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.627 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. 0.36 min
 Lab File: BG037953.D
 Acq: 12 Nov 2018 20:43

Instrument :
 BNA_G
 ClientSampleId :
 TP-3-D

Tgt Ion:198 Resp: 287
 Ion Ratio Lower Upper
 198 100
 51 21.8 22.7 62.7#
 105 24.8 19.7 59.7

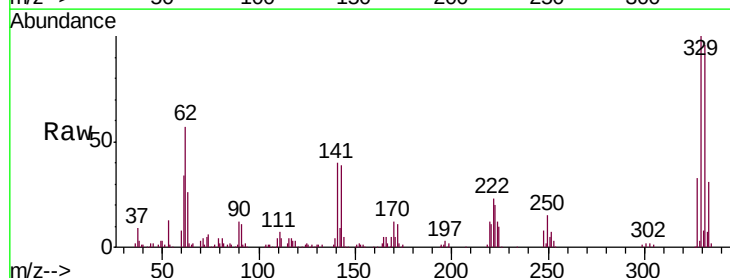


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

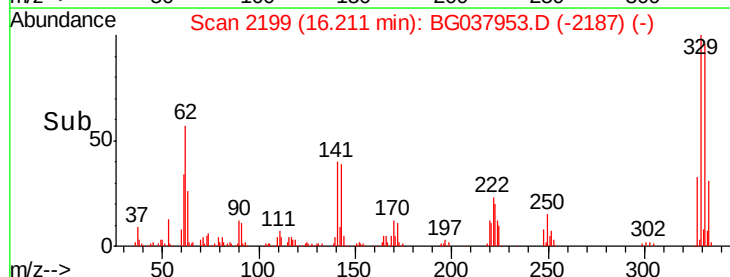
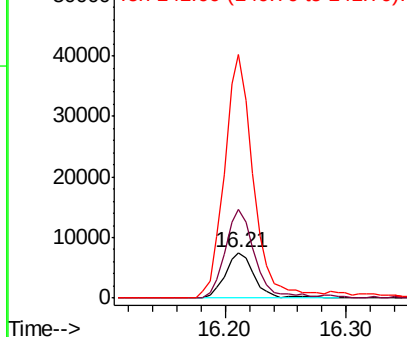


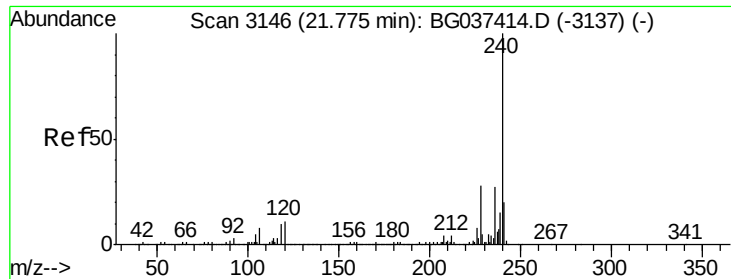
#67
 4-Bromophenyl-phenylether
 Concen: 3.026 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.46 min
 Lab File: BG037953.D
 Acq: 12 Nov 2018 20:43

Tgt Ion:248 Resp: 12485
 Ion Ratio Lower Upper
 248 100
 250 196.1 77.0 115.6#
 141 407.1 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

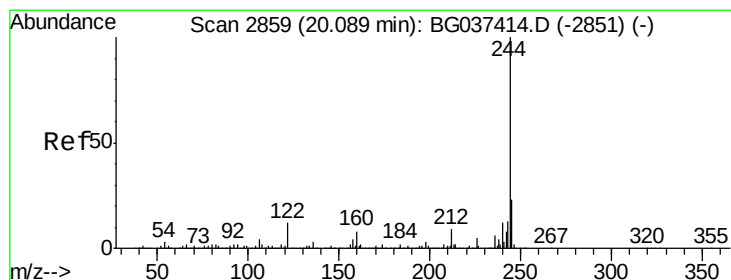
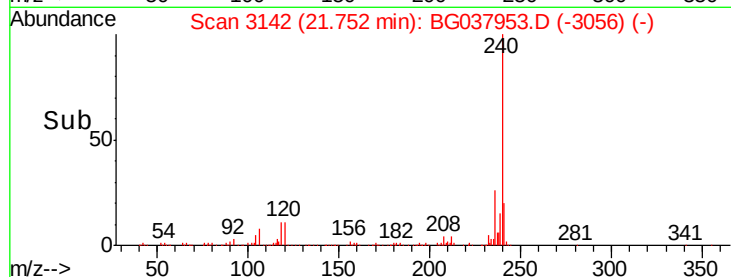
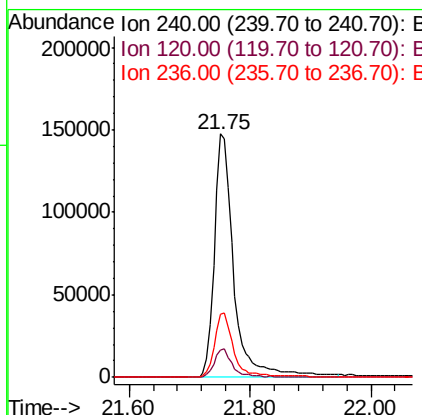
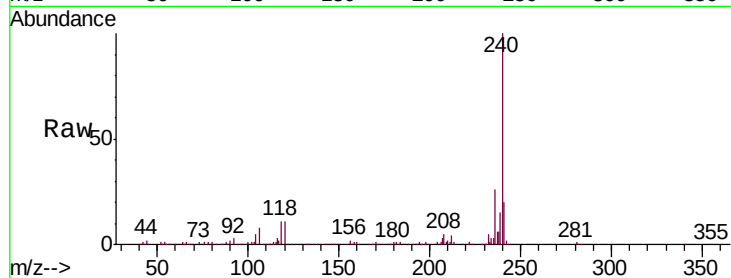




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.02 min
 Lab File: BG037953.D
 Acq: 12 Nov 2018 20:43

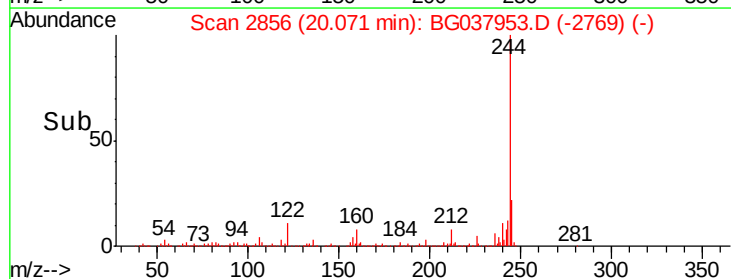
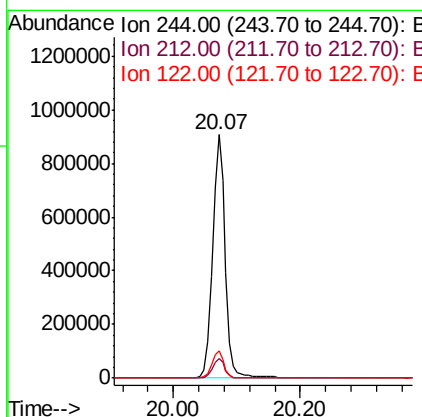
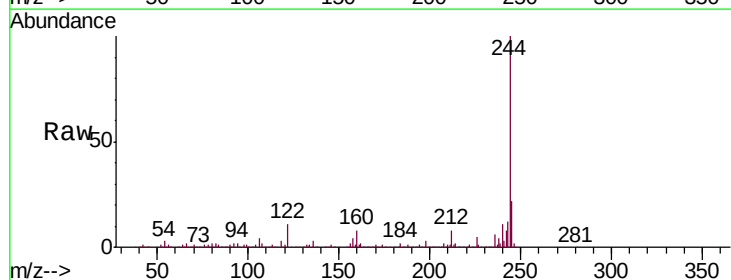
Instrument :
 BNA_G
 ClientSampleId :
 TP-3-D

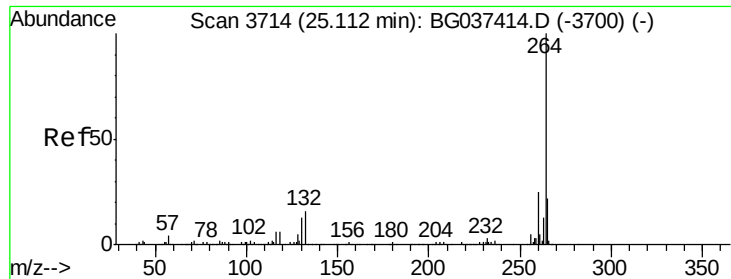
Tgt Ion:240 Resp: 329434
 Ion Ratio Lower Upper
 240 100
 120 11.0 8.1 12.1
 236 26.0 21.4 32.0



#79
 Terphenyl-d14
 Concen: 82.615 ng
 RT: 20.07 min Scan# 2856
 Delta R.T. -0.02 min
 Lab File: BG037953.D
 Acq: 12 Nov 2018 20:43

Tgt Ion:244 Resp: 1273713
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 11.0 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.03 min
Lab File: BG037953.D
Acq: 12 Nov 2018 20:43

Instrument :
BNA_G
ClientSampleId :
TP-3-D

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.2	27.4
265	21.6	17.9	26.9

