

Data File : BG037952.D
Acq On : 12 Nov 2018 20:04
Operator : JU/SJ
Sample : J5907-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-3-S

Quant Time: Nov 13 04:25:40 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

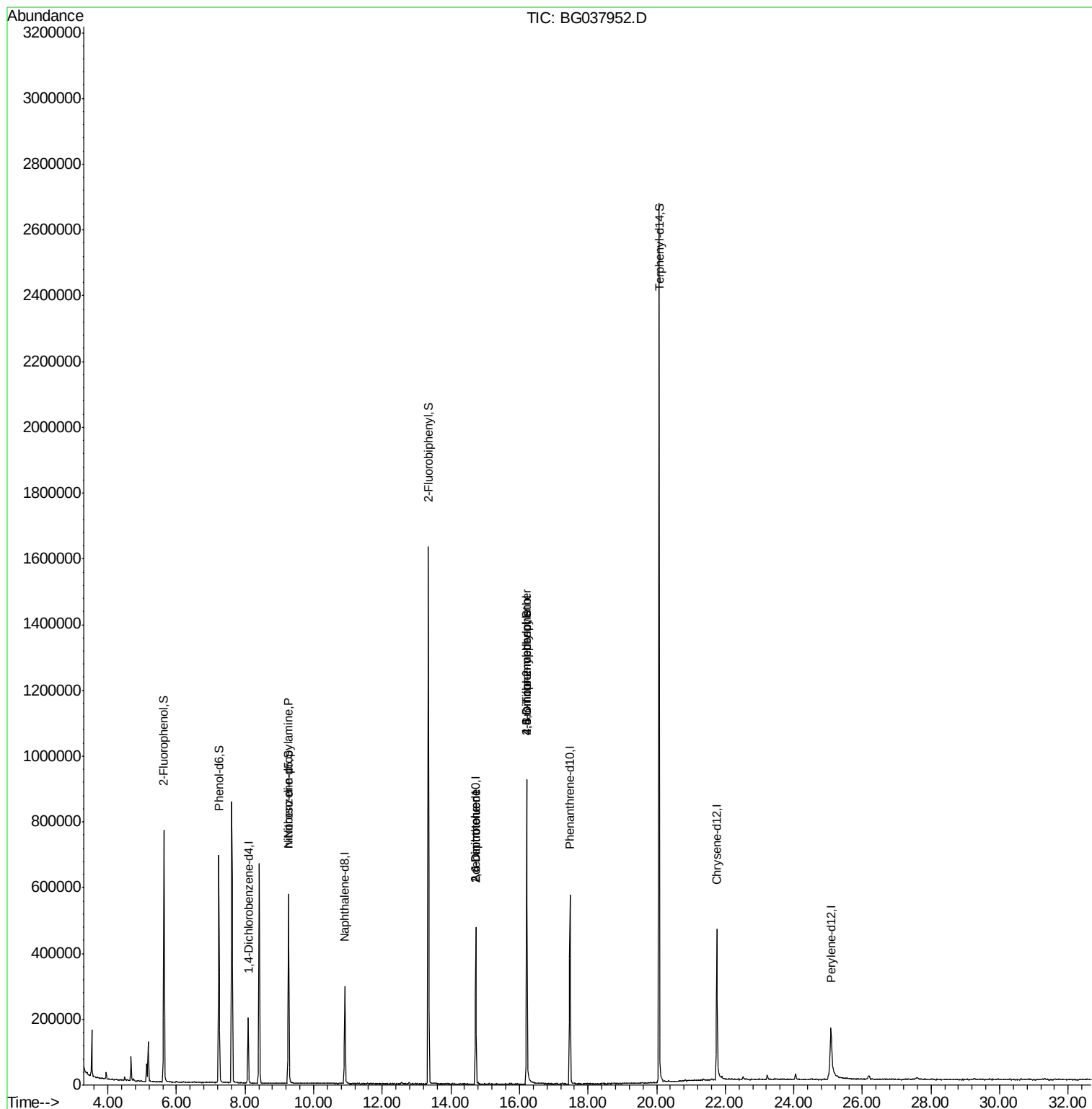
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	58167	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	261199	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	172466	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	383098	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	334613	20.00	ng	-0.02
87) Perylene-d12	25.08	264	267400	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	352686	101.37	ng	-0.01
7) Phenol-d6	7.24	99	456690	86.81	ng	-0.01
23) Nitrobenzene-d5	9.27	82	371046	79.58	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	180520	95.97	ng	-0.02
45) 2-Fluorobiphenyl	13.34	172	906405	79.25	ng	-0.02
79) Terphenyl-d14	20.07	244	1308803	83.58	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	46541	12.847	ng	# 71
51) 2,6-Dinitrotoluene	14.72	165	23407	7.930	ng	# 24
57) 2,4-Dinitrotoluene	14.72	165	23407	6.041	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.22	198	522	8.721	ng	77
67) 4-Bromophenyl-phenylether	16.21	248	12925	3.072	ng	# 1

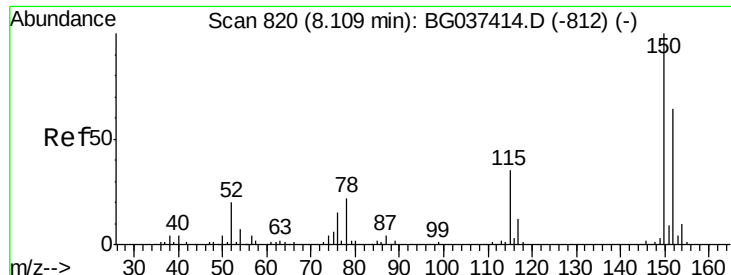
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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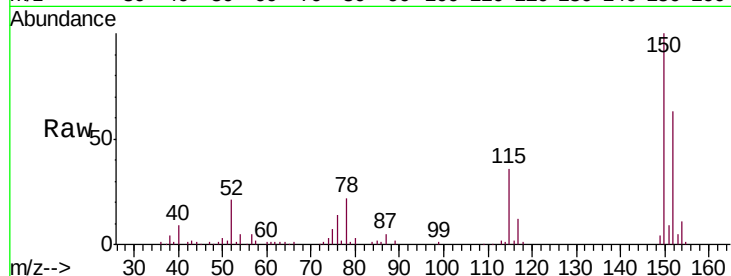


#1

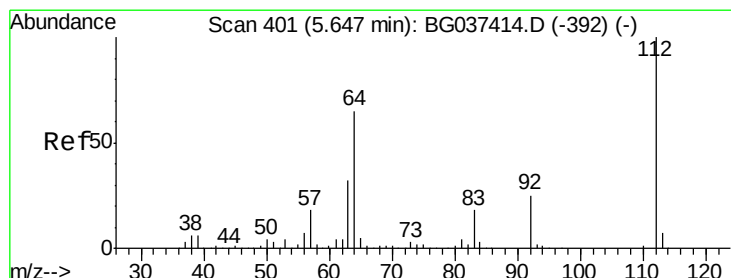
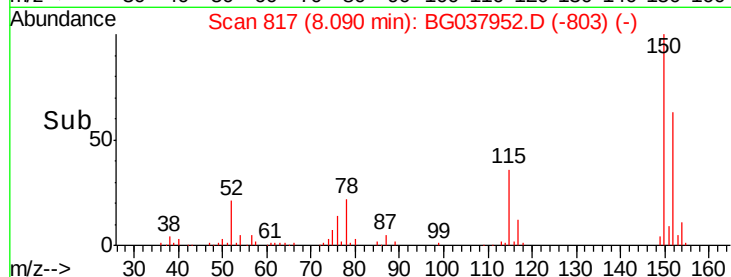
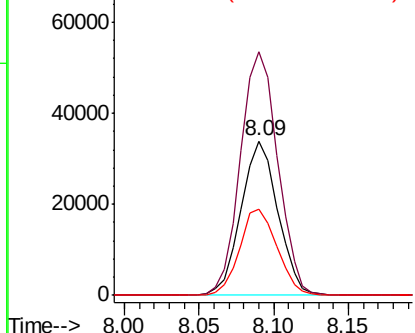
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037952.D
Acq: 12 Nov 2018 20:04

Instrument :
BNA_G
ClientSampleId :
TP-3-S

Tgt Ion:152 Resp: 58167
Ion Ratio Lower Upper
152 100
150 157.6 126.0 189.0
115 56.0 45.5 68.3



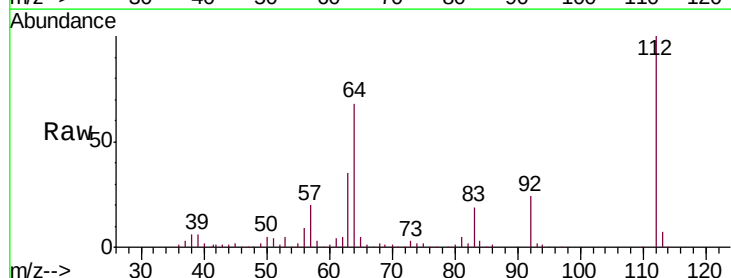
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



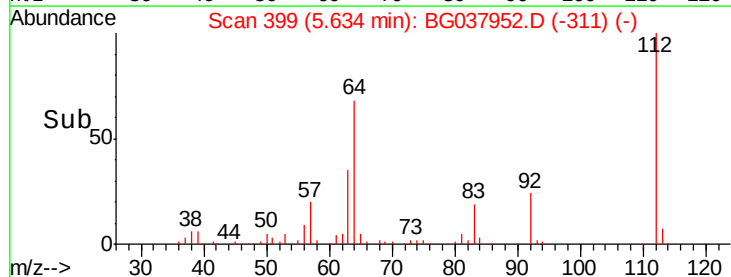
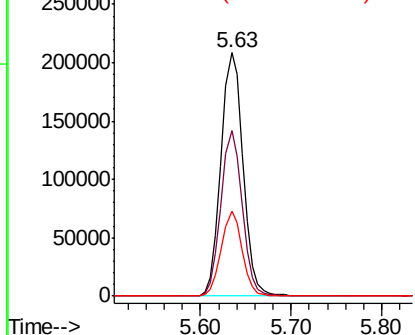
#5

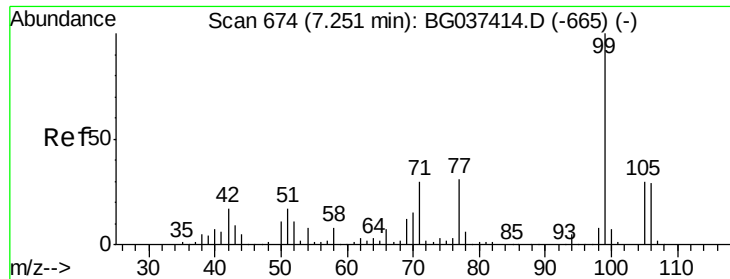
2-Fluorophenol
Concen: 101.370 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037952.D
Acq: 12 Nov 2018 20:04

Tgt Ion:112 Resp: 352686
Ion Ratio Lower Upper
112 100
64 67.8 53.1 79.7
63 34.9 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: 86.807 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037952.D

Acq: 12 Nov 2018 20:04

Instrument :

BNA_G

ClientSampleId :

TP-3-S

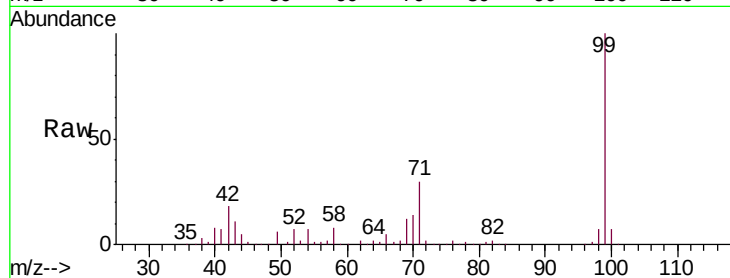
Tgt Ion: 99 Resp: 456690

Ion Ratio Lower Upper

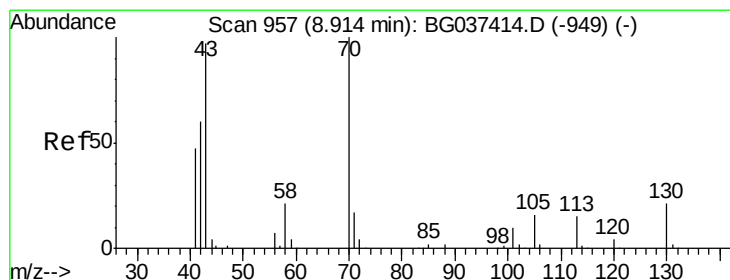
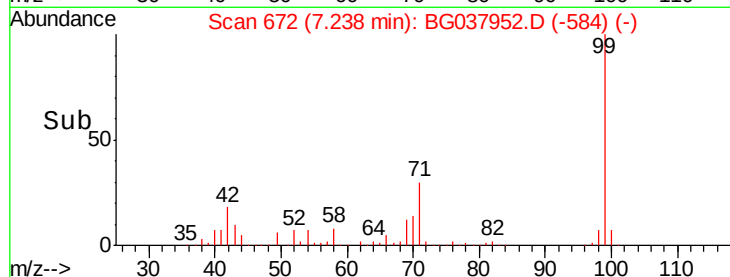
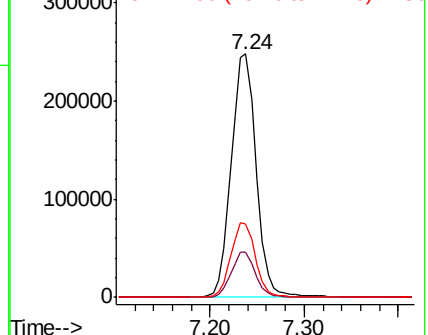
99 100

42 18.3 15.0 22.4

71 30.0 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: 12.847 ng

RT: 9.27 min Scan# 1017

Delta R.T. 0.35 min

Lab File: BG037952.D

Acq: 12 Nov 2018 20:04

Tgt Ion: 70 Resp: 46541

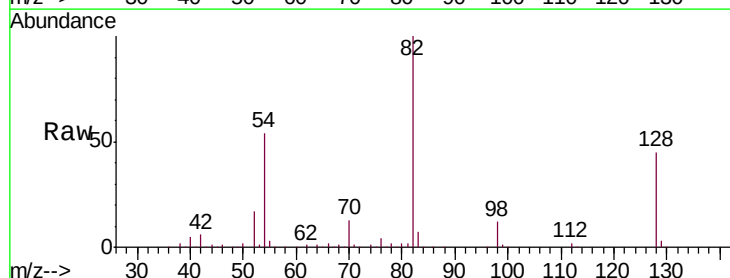
Ion Ratio Lower Upper

70 100

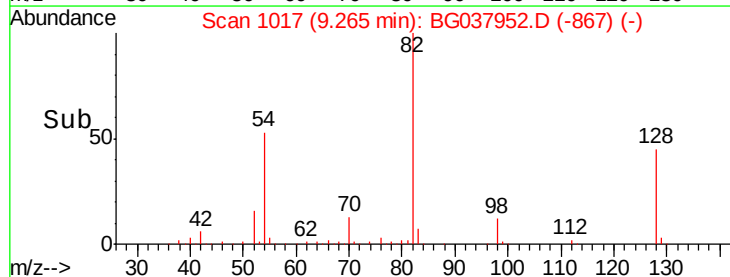
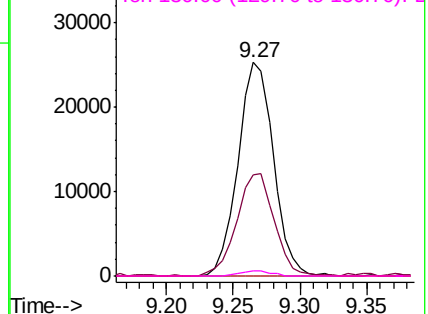
42 47.6 53.9 80.9#

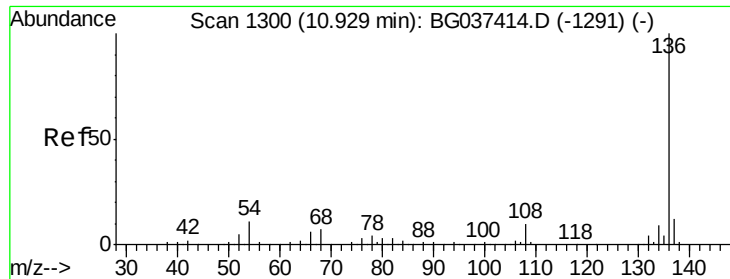
101 0.0 8.2 12.2#

130 2.2 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

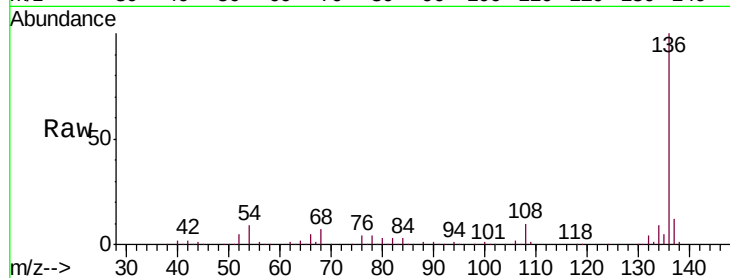




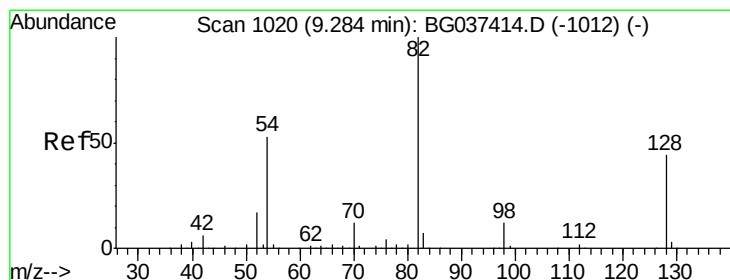
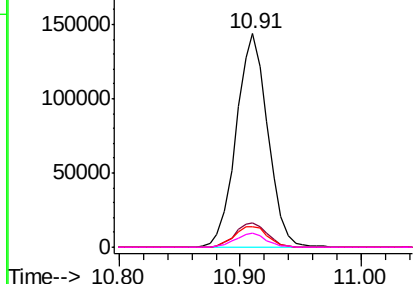
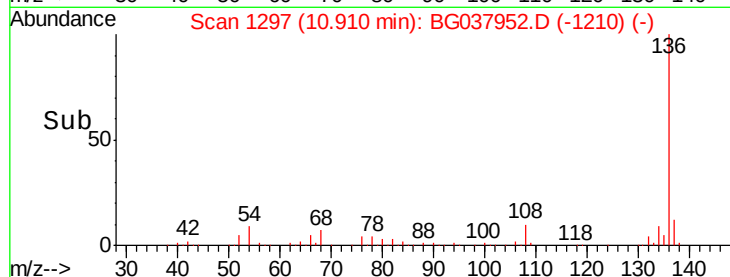
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037952.D
Acq: 12 Nov 2018 20:04

Instrument :
BNA_G
ClientSampleId :
TP-3-S

Tgt Ion:	136	Resp:	261199
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	9.4	7.9	11.9
68	6.6	4.8	7.2

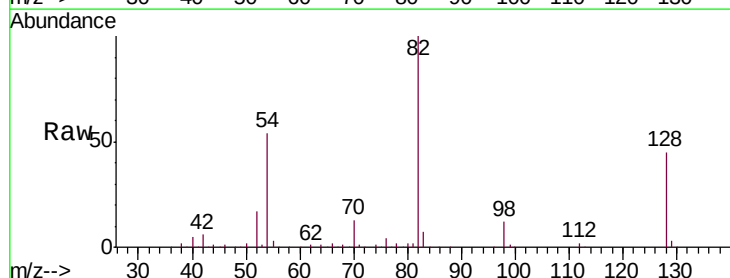


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

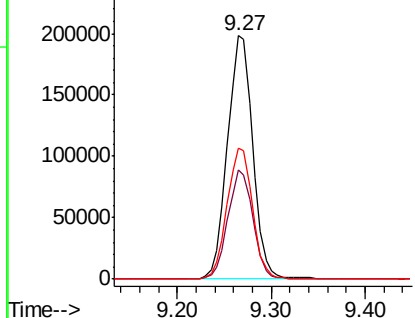
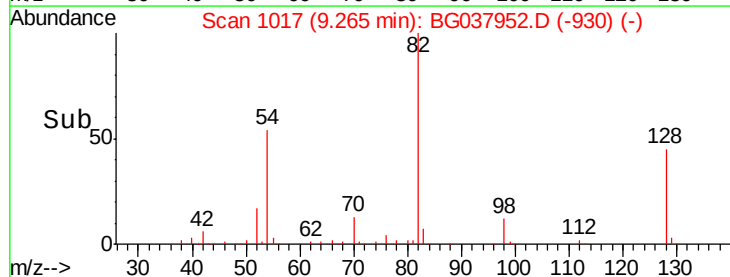


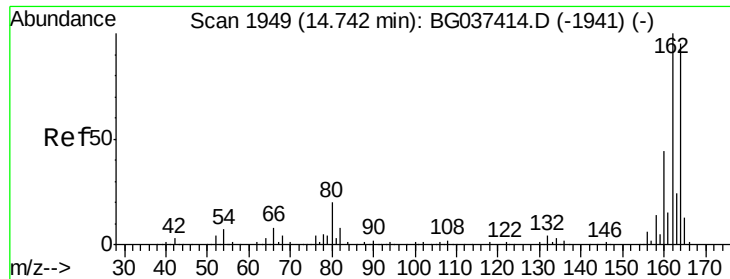
#23
Nitrobenzene-d5
Concen: 79.578 ng
RT: 9.27 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BG037952.D
Acq: 12 Nov 2018 20:04

Tgt Ion:	82	Resp:	371046
Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.6	51.8
54	53.8	45.3	67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
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: BG037952.D

Acq: 12 Nov 2018 20:04

Instrument :

BNA_G

ClientSampleId :

TP-3-S

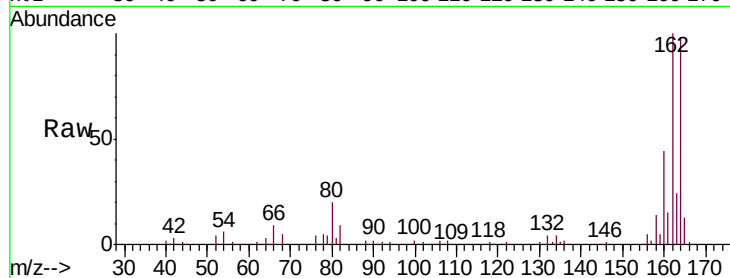
Tgt Ion:164 Resp: 172466

Ion Ratio Lower Upper

164 100

162 102.2 81.3 121.9

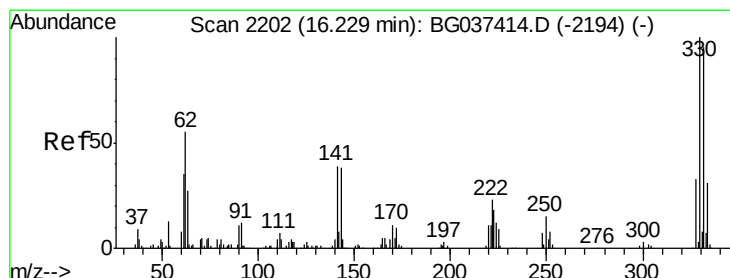
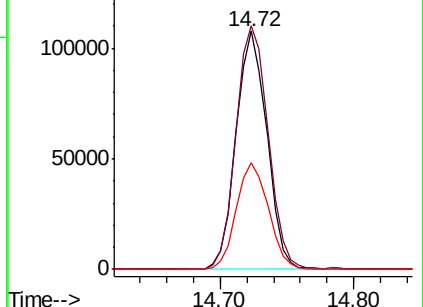
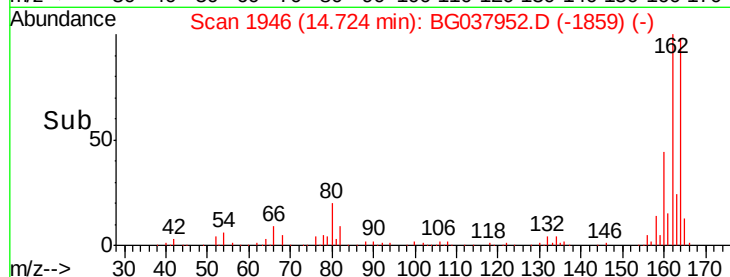
160 44.7 36.3 54.5



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: 95.967 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.02 min

Lab File: BG037952.D

Acq: 12 Nov 2018 20:04

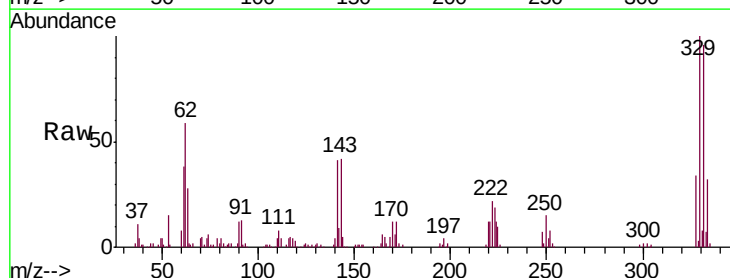
Tgt Ion:330 Resp: 180520

Ion Ratio Lower Upper

330 100

332 97.8 78.4 117.6

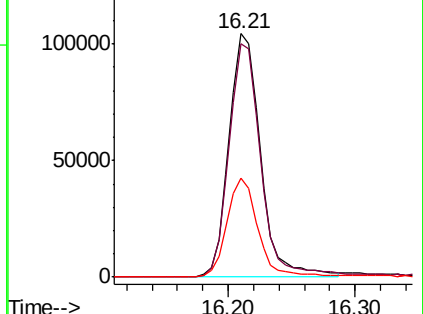
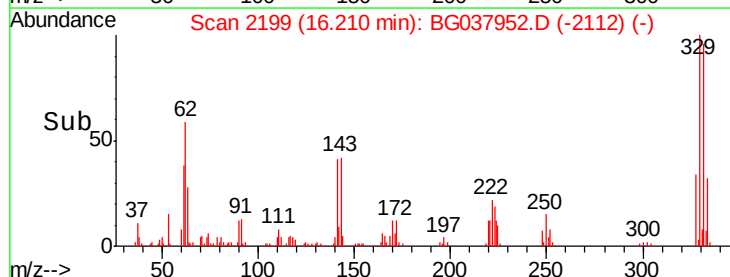
141 40.4 32.2 48.2

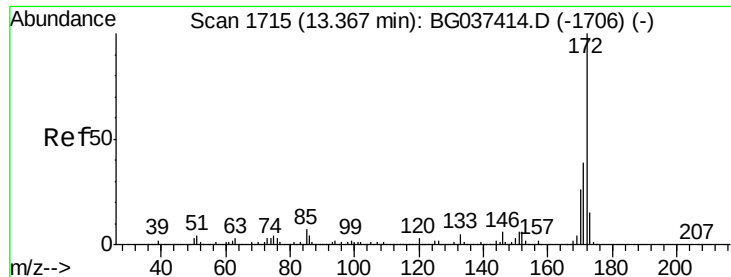


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

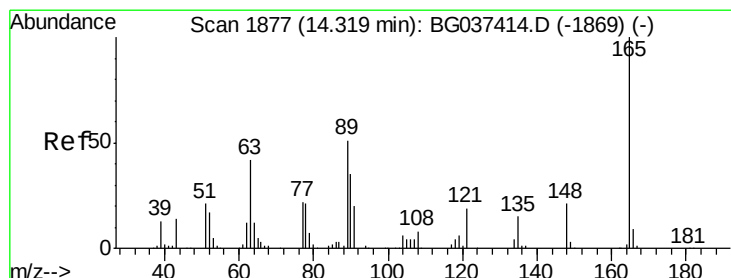
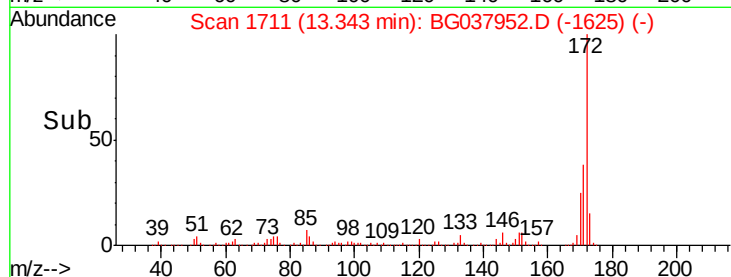
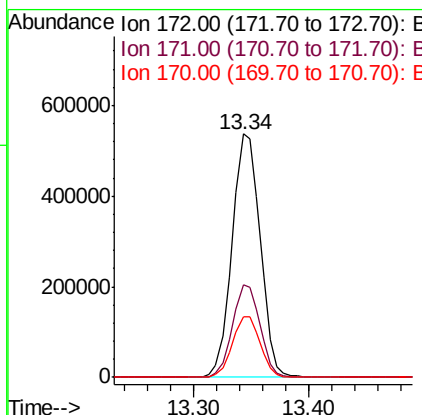
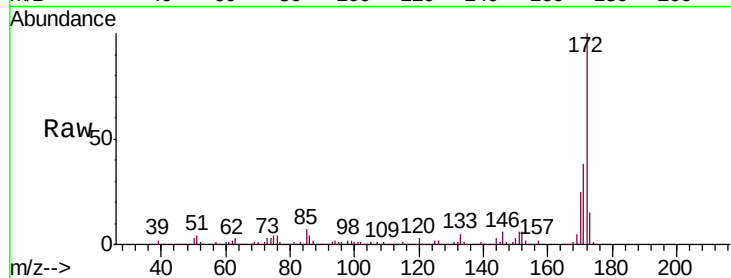




#45
 2-Fluorobiphenyl
 Concen: 79.251 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.02 min
 Lab File: BG037952.D
 Acq: 12 Nov 2018 20:04

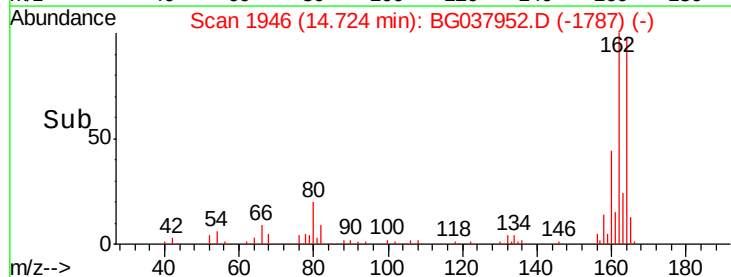
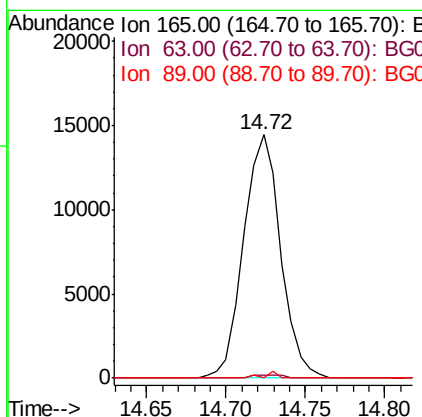
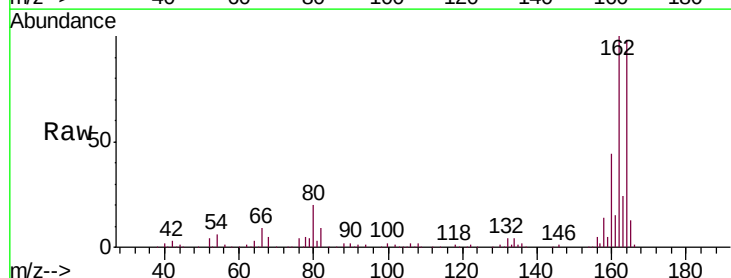
Instrument :
 BNA_G
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 TP-3-S

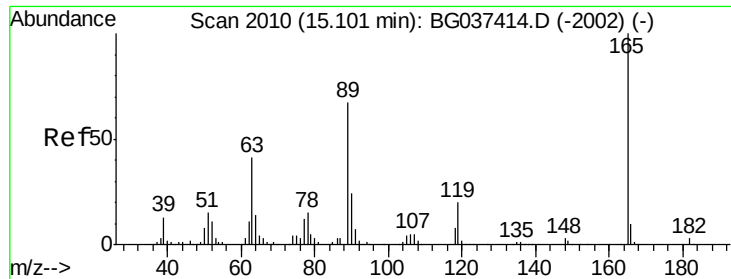
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.0	46.4
170	25.0	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.930 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.40 min
 Lab File: BG037952.D
 Acq: 12 Nov 2018 20:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.4	65.2#
89	0.0	45.8	68.6#

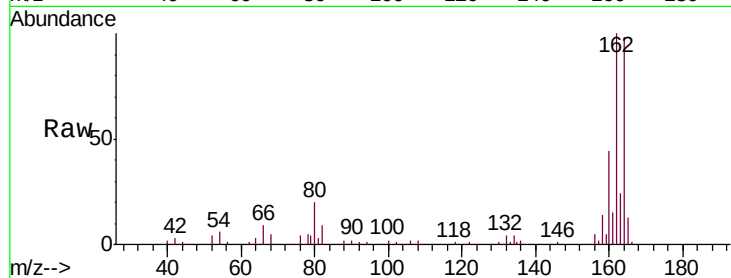




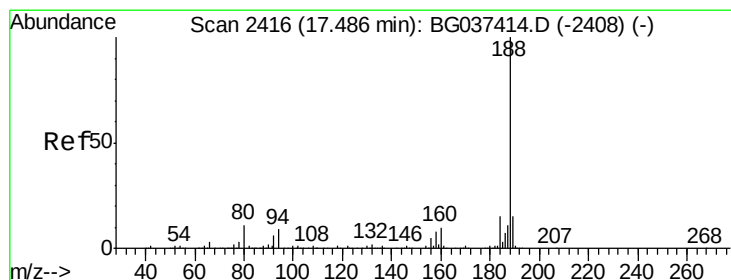
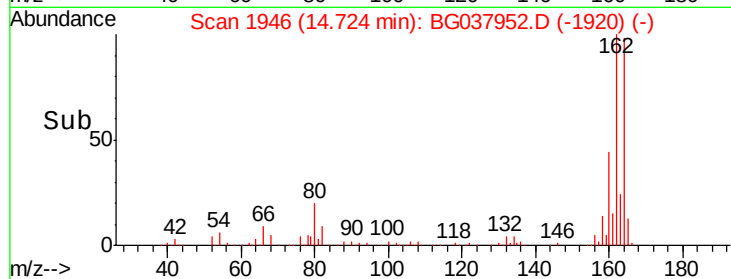
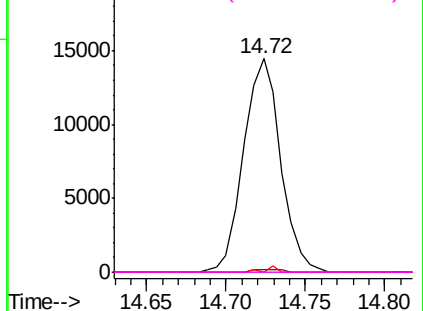
#57
 2,4-Dinitrotoluene
 Concen: 6.041 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.38 min
 Lab File: BG037952.D
 Acq: 12 Nov 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 TP-3-S

Tgt Ion:	165	Resp:	23407
Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

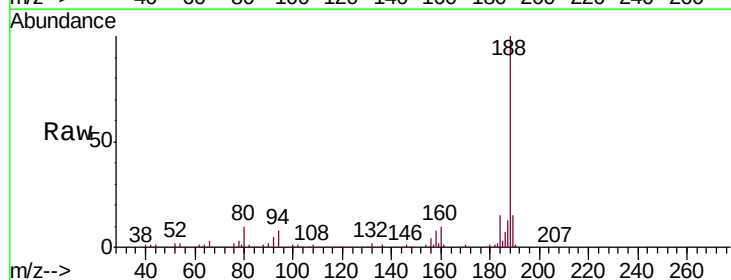


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

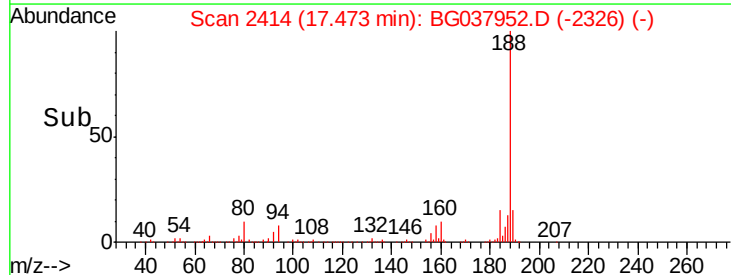
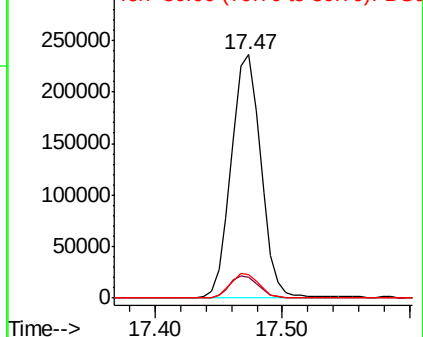


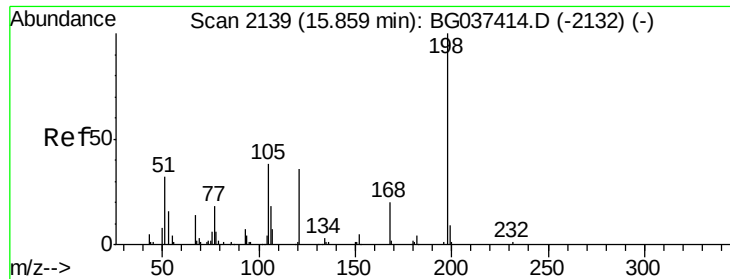
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BG037952.D
 Acq: 12 Nov 2018 20:04

Tgt Ion:	188	Resp:	383098
Ion	Ratio	Lower	Upper
188	100		
94	8.4	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

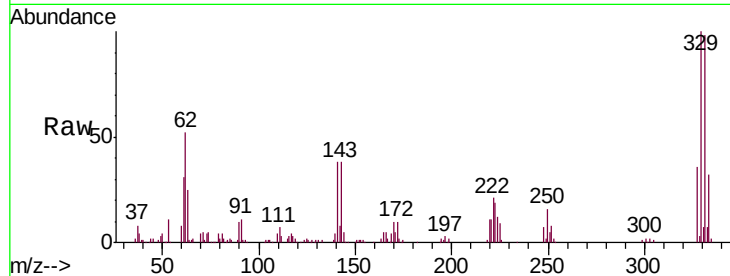




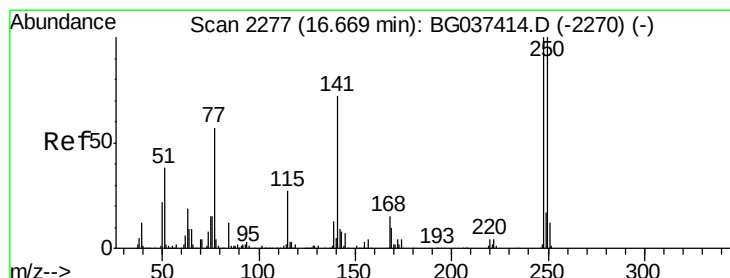
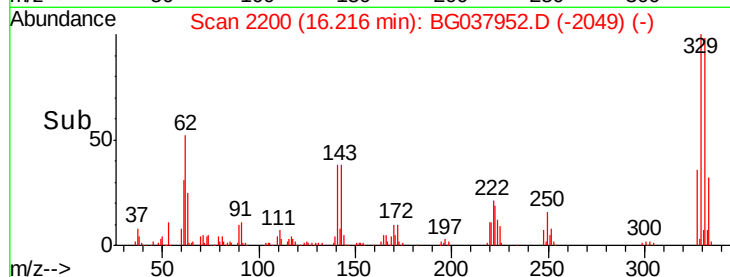
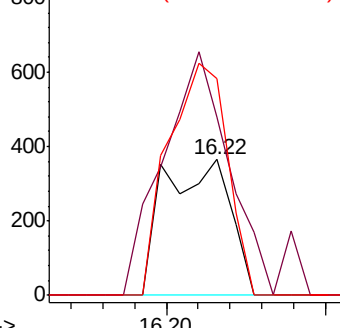
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.721 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. 0.36 min
 Lab File: BG037952.D
 Acq: 12 Nov 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 TP-3-S

Tgt Ion:198 Resp: 522
 Ion Ratio Lower Upper
 198 100
 51 24.5 22.7 62.7
 105 29.7 19.7 59.7

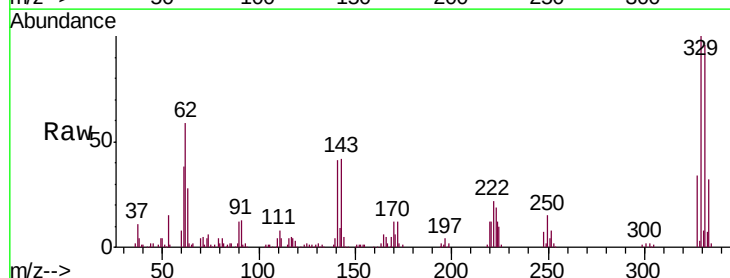


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

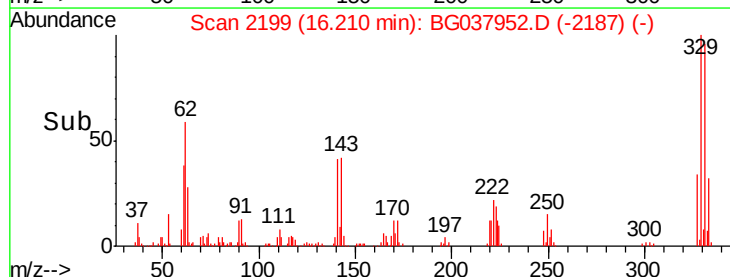
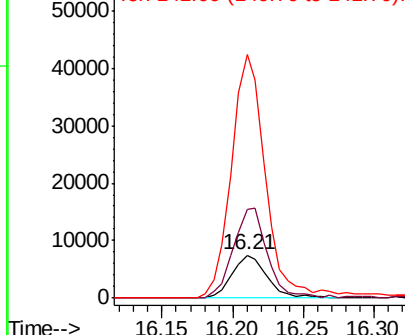


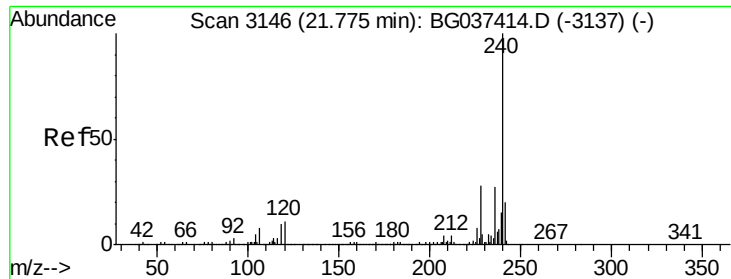
#67
 4-Bromophenyl-phenylether
 Concen: 3.072 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.46 min
 Lab File: BG037952.D
 Acq: 12 Nov 2018 20:04

Tgt Ion:248 Resp: 12925
 Ion Ratio Lower Upper
 248 100
 250 201.8 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

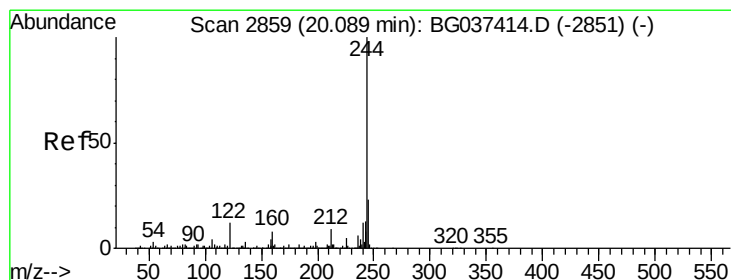
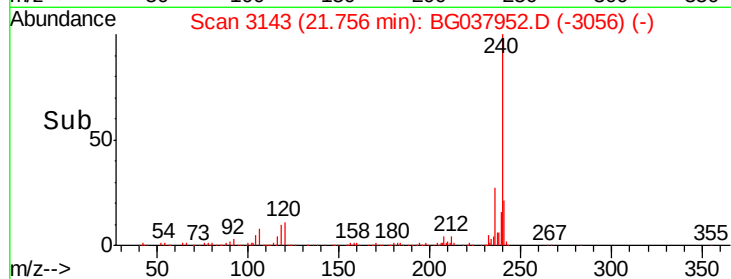
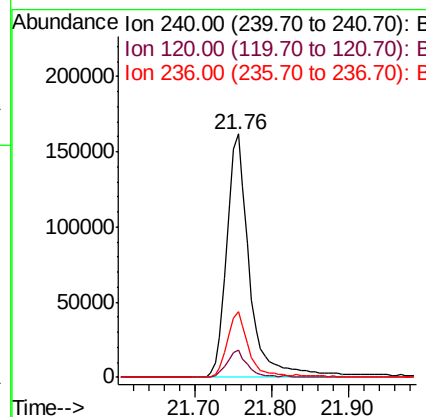
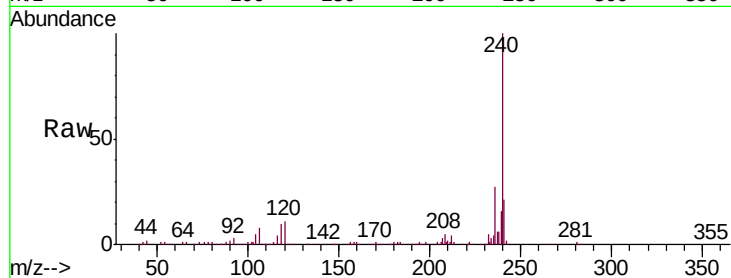




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037952.D
Acq: 12 Nov 2018 20:04

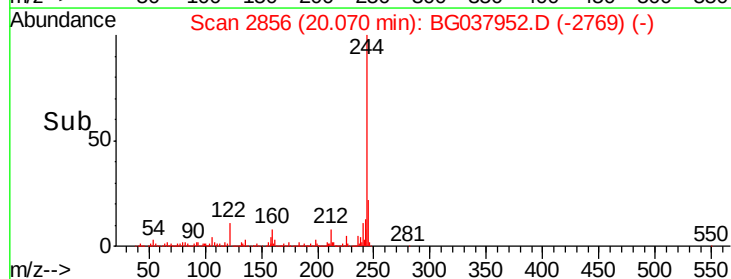
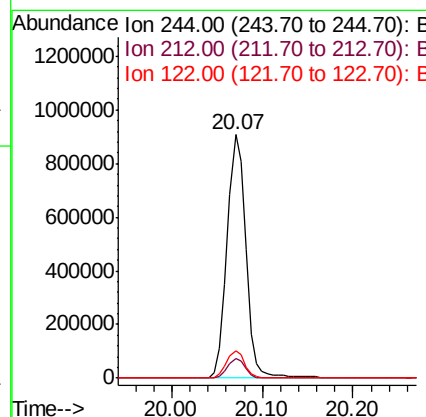
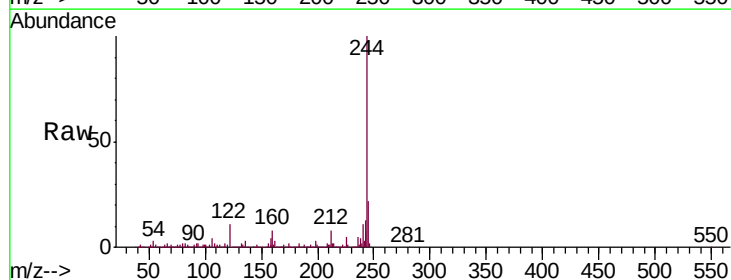
Instrument :
BNA_G
ClientSampleId :
TP-3-S

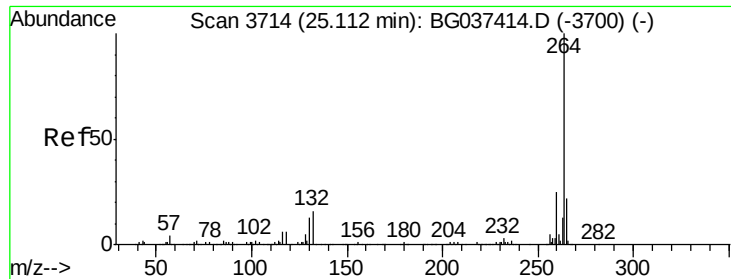
Tgt Ion:240 Resp: 334613
Ion Ratio Lower Upper
240 100
120 11.3 8.1 12.1
236 26.9 21.4 32.0



#79
Terphenyl-d14
Concen: 83.577 ng
RT: 20.07 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BG037952.D
Acq: 12 Nov 2018 20:04

Tgt Ion:244 Resp: 1308803
Ion Ratio Lower Upper
244 100
212 8.2 6.5 9.7
122 11.4 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: BG037952.D
Acq: 12 Nov 2018 20:04

Instrument :
BNA_G
ClientSampleId :
TP-3-S

Tgt Ion:	264	Resp:	267400
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	21.7	17.9	26.9

