

Data File : BG037951.D
Acq On : 12 Nov 2018 19:25
Operator : JU/SJ
Sample : J5907-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-2-S

Quant Time: Nov 13 04:25:23 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

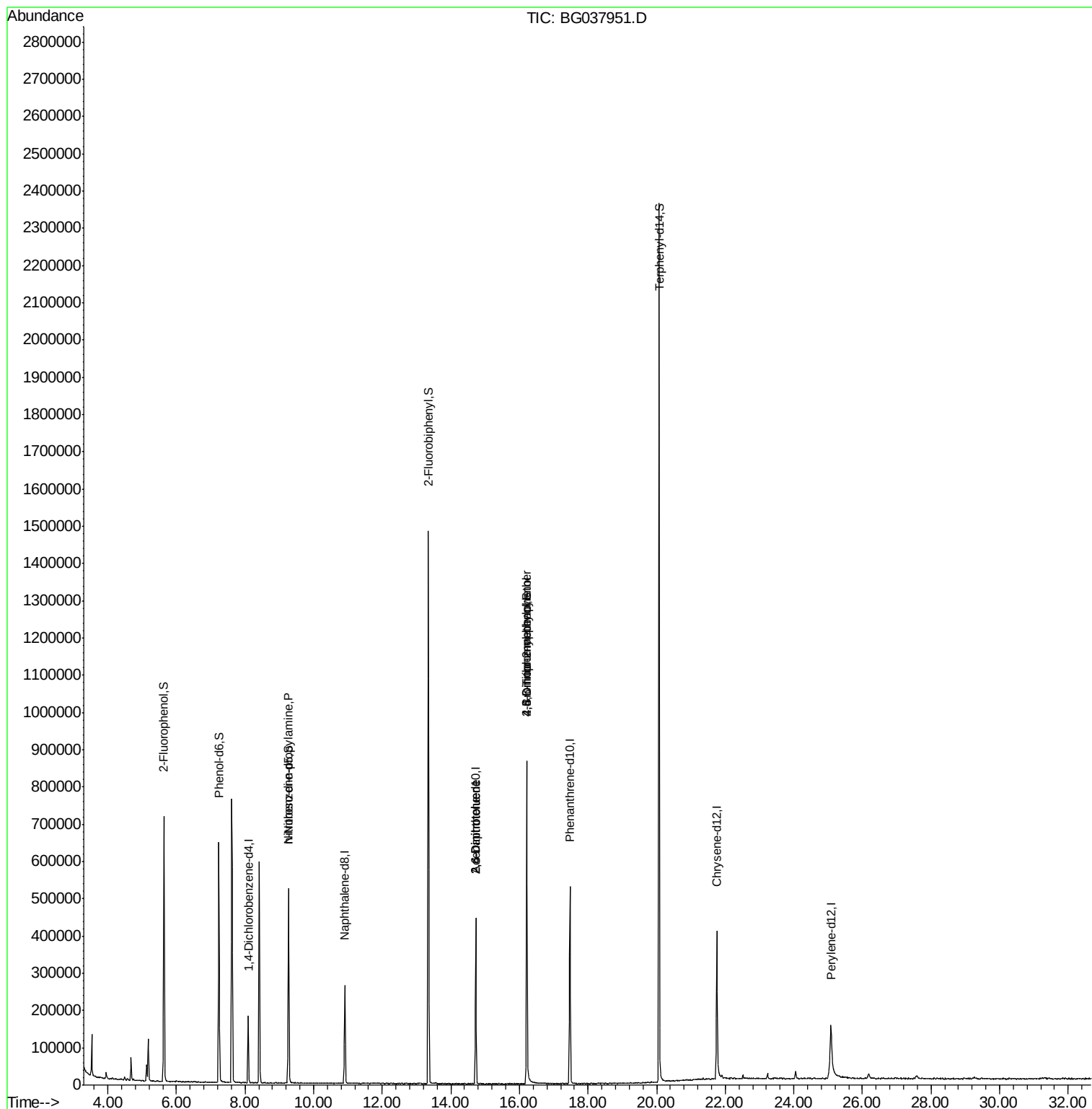
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	52498	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	237320	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	157254	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	349324	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	296018	20.00	ng	-0.02
87) Perylene-d12	25.09	264	255958	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	324932	103.48	ng	-0.01
7) Phenol-d6	7.24	99	420719	88.61	ng	-0.01
23) Nitrobenzene-d5	9.26	82	342807	80.92	ng	-0.02
42) 2,4,6-Tribromophenol	16.22	330	176859	103.12	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	836563	80.22	ng	-0.02
79) Terphenyl-d14	20.07	244	1216021	87.78	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	42519	13.004	ng	# 69
51) 2,6-Dinitrotoluene	14.72	165	20364	7.567	ng	# 26
57) 2,4-Dinitrotoluene	14.72	165	20364	5.764	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.22	198	574	8.765	ng	87
67) 4-Bromophenyl-phenylether	16.21	248	11954	3.116	ng	# 1

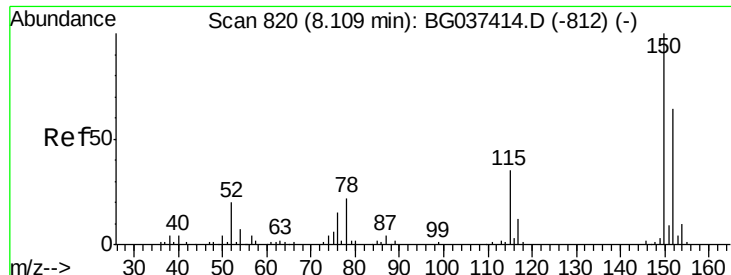
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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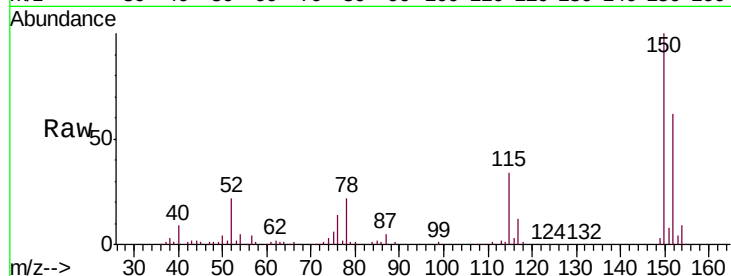


#1

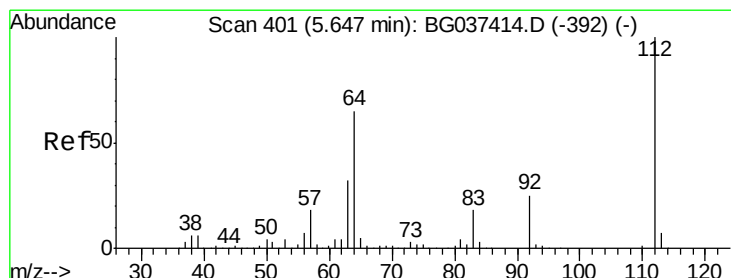
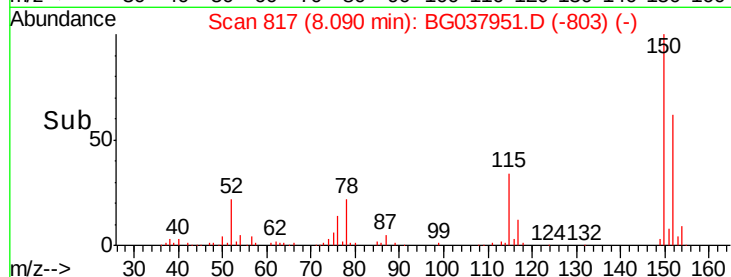
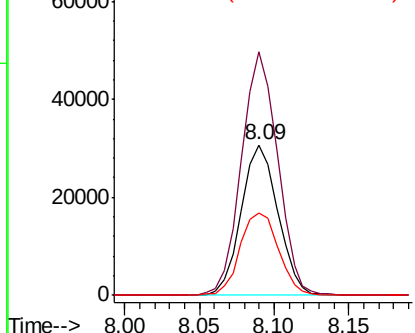
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037951.D
Acq: 12 Nov 2018 19:25

Instrument :
BNA_G
ClientSampleId :
TP-2-S

Tgt Ion:152 Resp: 52498
Ion Ratio Lower Upper
152 100
150 161.7 126.0 189.0
115 54.3 45.5 68.3



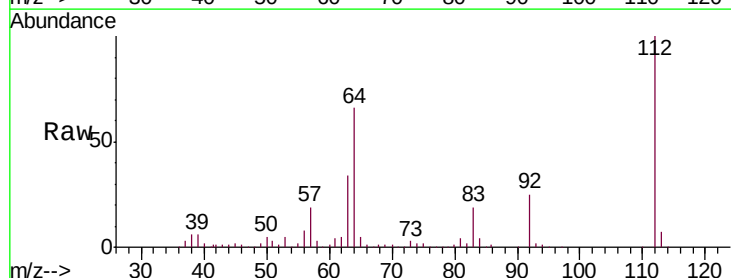
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



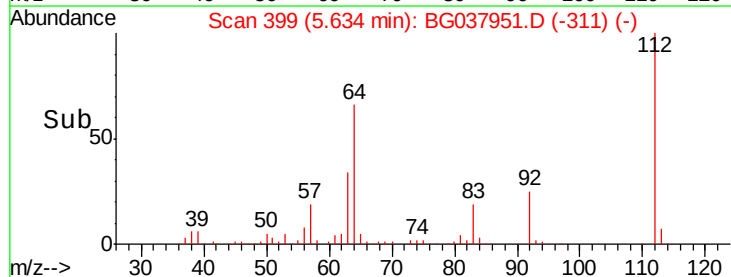
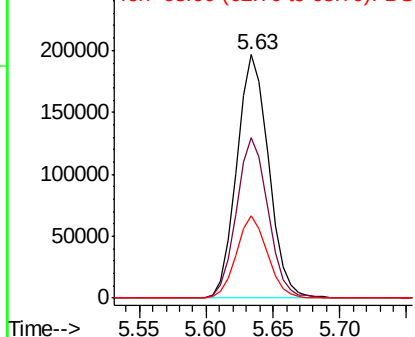
#5

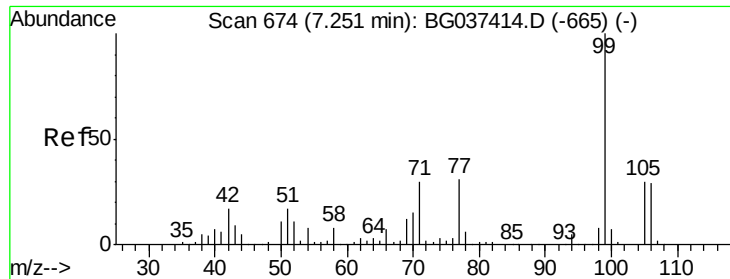
2-Fluorophenol
Concen: 103.478 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037951.D
Acq: 12 Nov 2018 19:25

Tgt Ion:112 Resp: 324932
Ion Ratio Lower Upper
112 100
64 65.7 53.1 79.7
63 33.7 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: 88.605 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037951.D

Acq: 12 Nov 2018 19:25

Instrument :

BNA_G

ClientSampleId :

TP-2-S

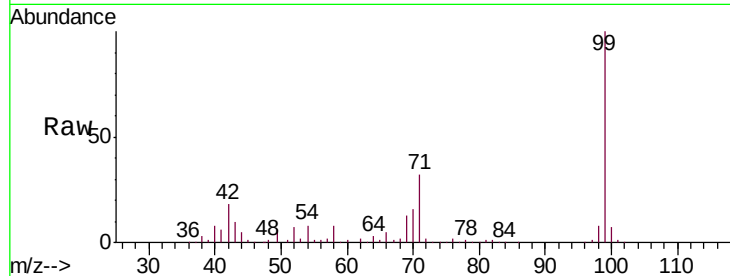
Tgt Ion: 99 Resp: 420719

Ion Ratio Lower Upper

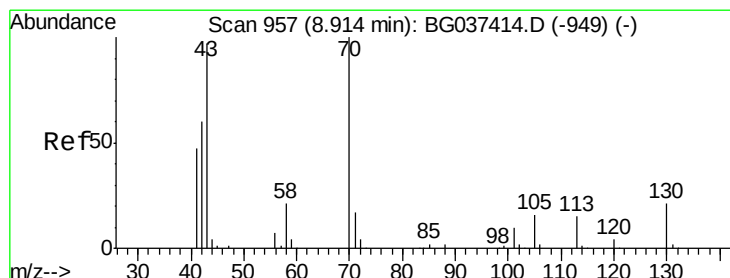
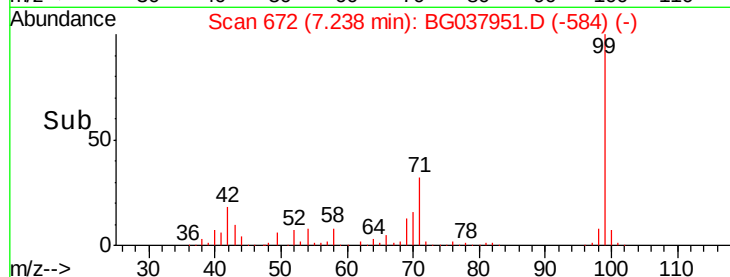
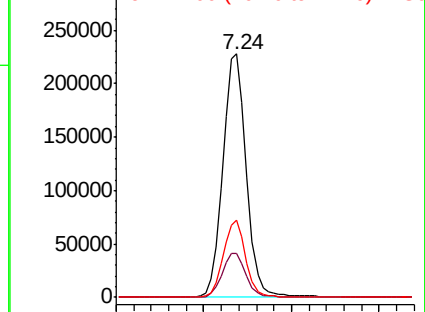
99 100

42 18.1 15.0 22.4

71 31.5 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: 13.004 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.35 min

Lab File: BG037951.D

Acq: 12 Nov 2018 19:25

Tgt Ion: 70 Resp: 42519

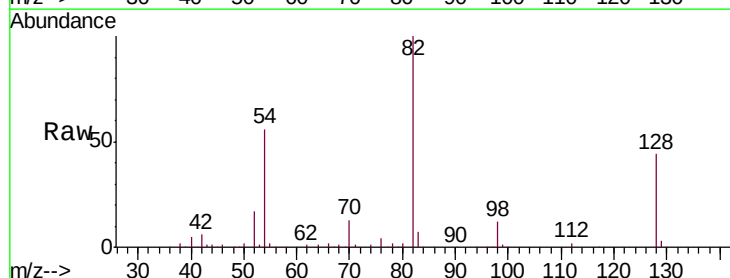
Ion Ratio Lower Upper

70 100

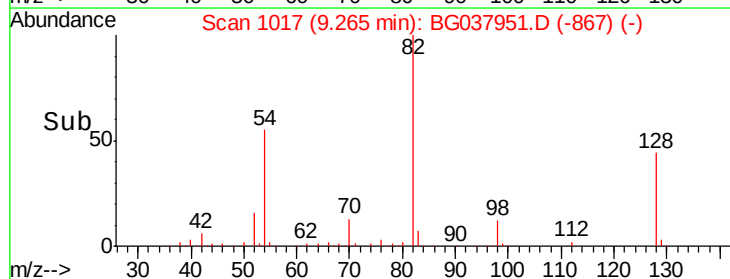
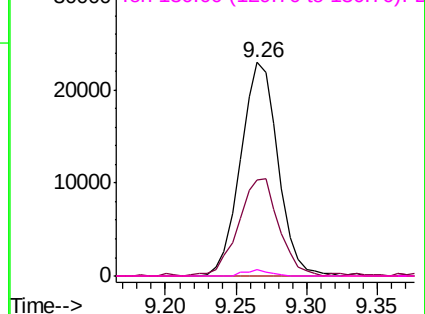
42 44.7 53.9 80.9#

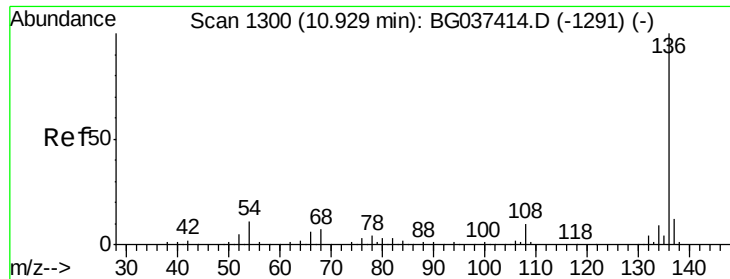
101 0.0 8.2 12.2#

130 3.0 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

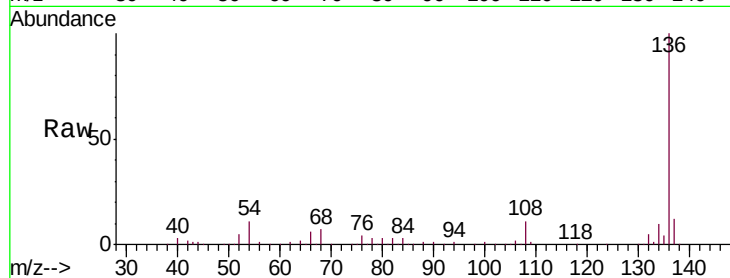




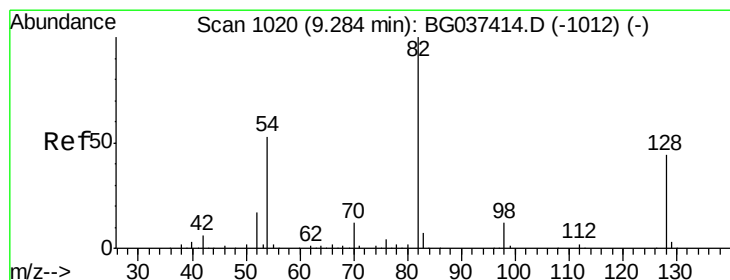
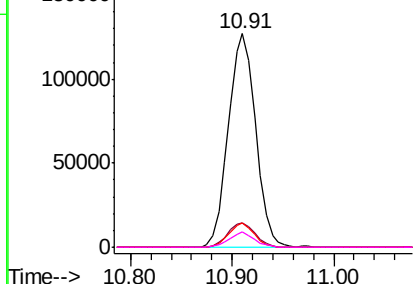
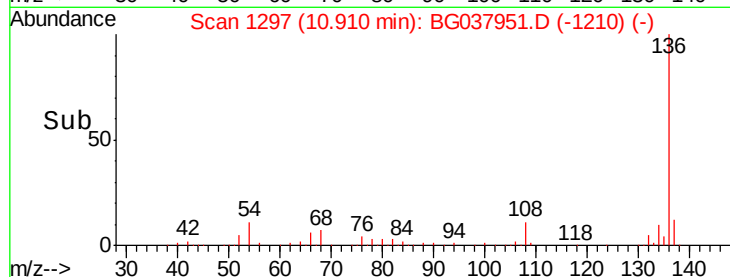
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037951.D
Acq: 12 Nov 2018 19:25

Instrument :
BNA_G
ClientSampleId :
TP-2-S

Tgt Ion:	136	Resp:	237320
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	11.4	7.9	11.9
68	7.2	4.8	7.2

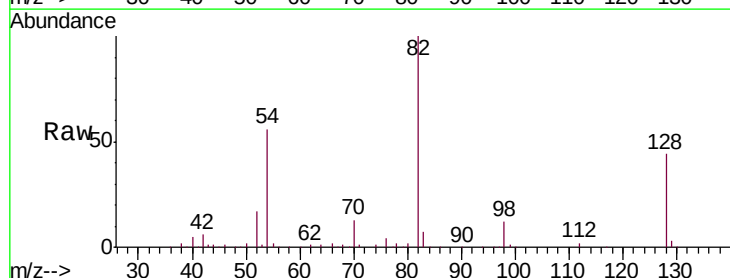


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

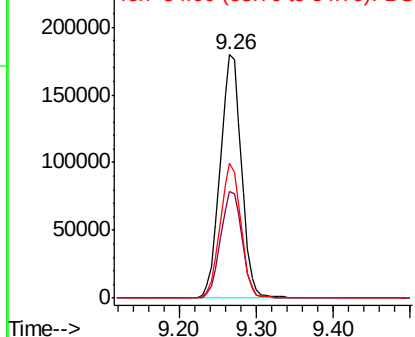
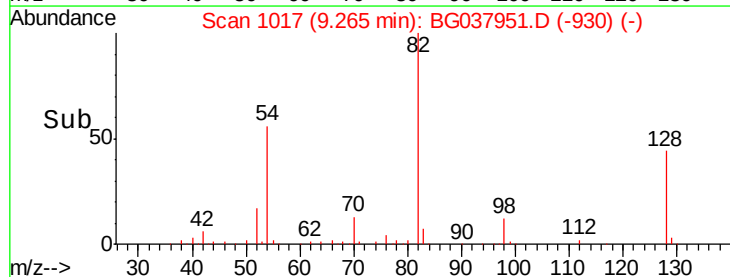


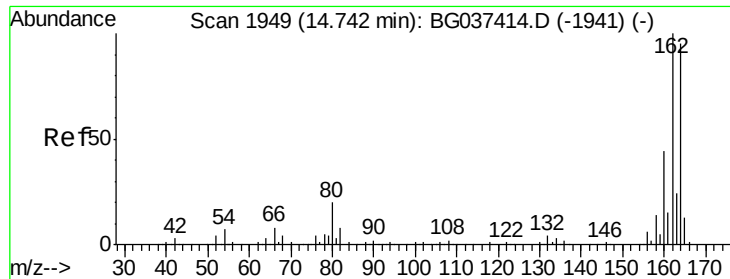
#23
Nitrobenzene-d5
Concen: 80.919 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BG037951.D
Acq: 12 Nov 2018 19:25

Tgt Ion:	82	Resp:	342807
Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.6	51.8
54	55.5	45.3	67.9



Abundance Ion 82.00 (81.70 to 82.70): BG
250000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG037951.D

Acq: 12 Nov 2018 19:25

Instrument :

BNA_G

ClientSampleId :

TP-2-S

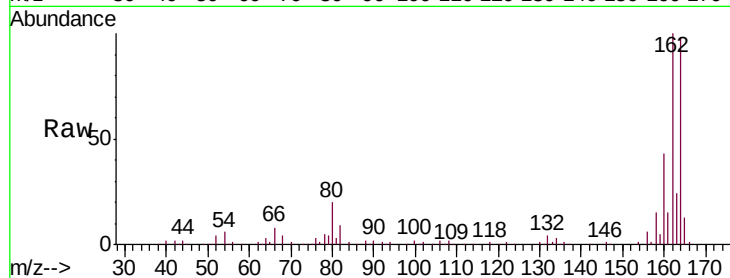
Tgt Ion:164 Resp: 157254

Ion Ratio Lower Upper

164 100

162 102.4 81.3 121.9

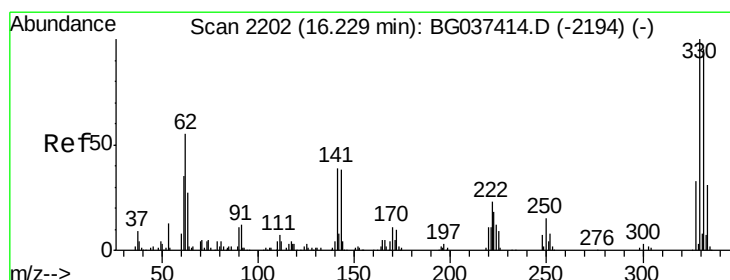
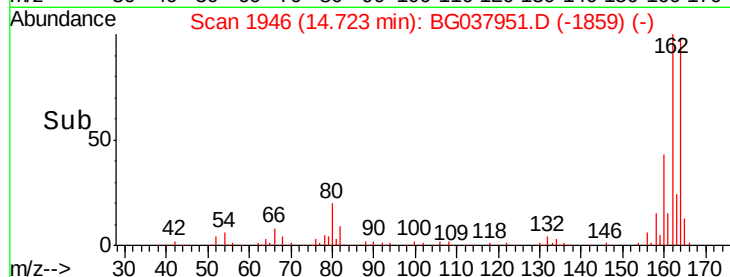
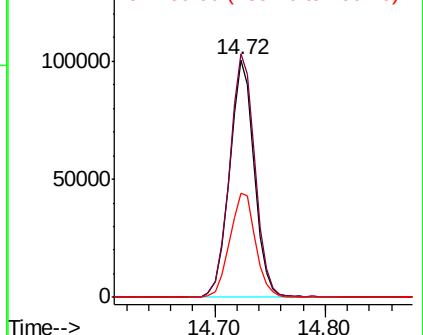
160 43.8 36.3 54.5



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: 103.116 ng

RT: 16.22 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037951.D

Acq: 12 Nov 2018 19:25

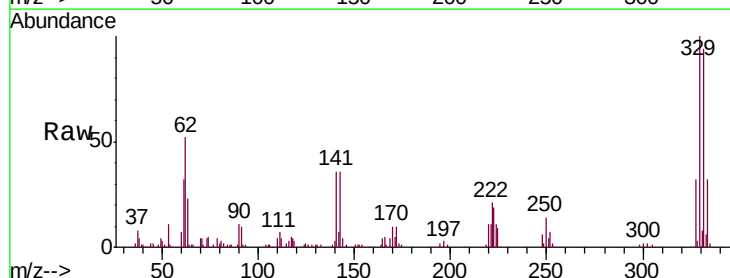
Tgt Ion:330 Resp: 176859

Ion Ratio Lower Upper

330 100

332 96.3 78.4 117.6

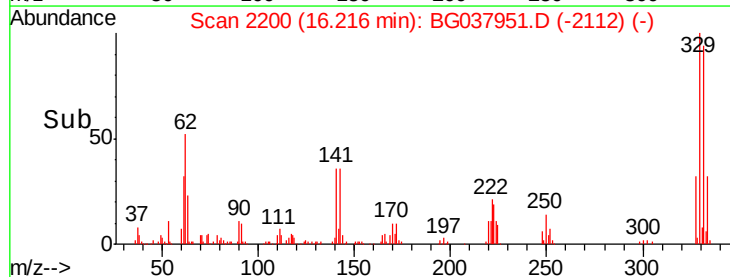
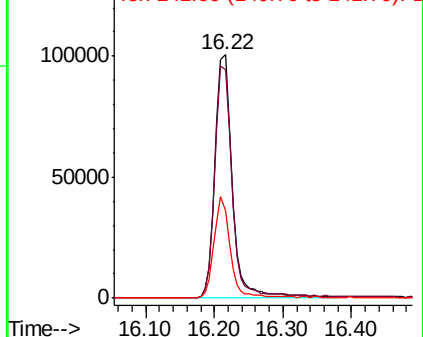
141 39.0 32.2 48.2

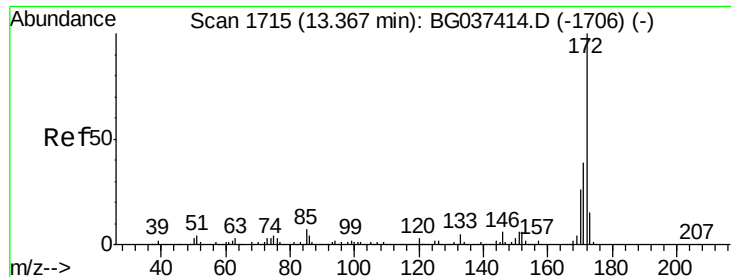


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

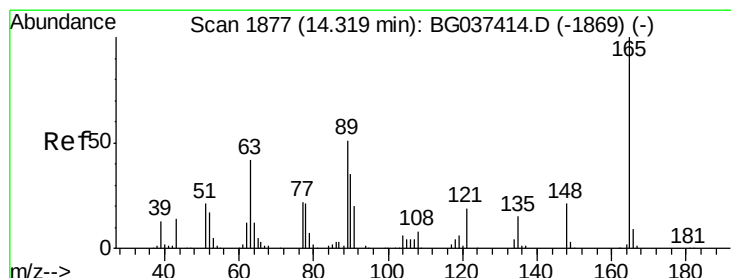
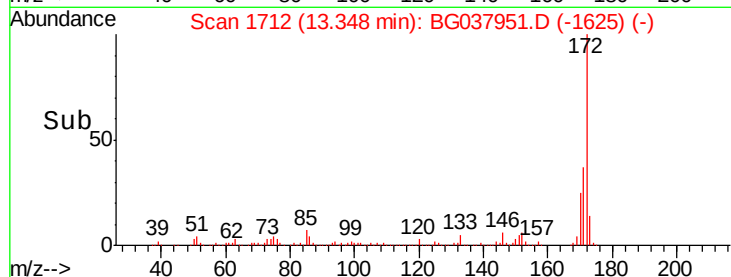
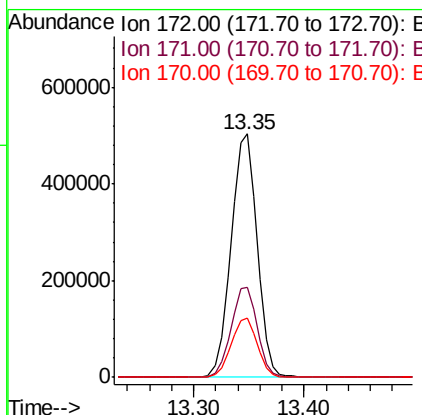
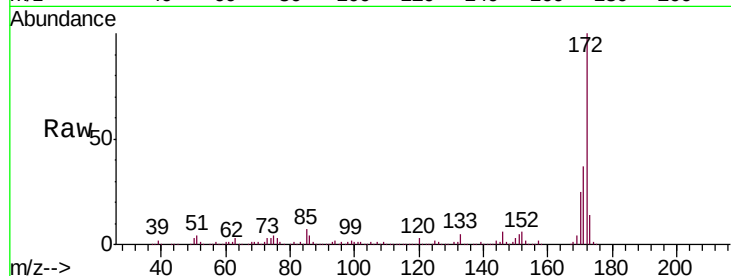




#45
 2-Fluorobiphenyl
 Concen: 80.220 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037951.D
 Acq: 12 Nov 2018 19:25

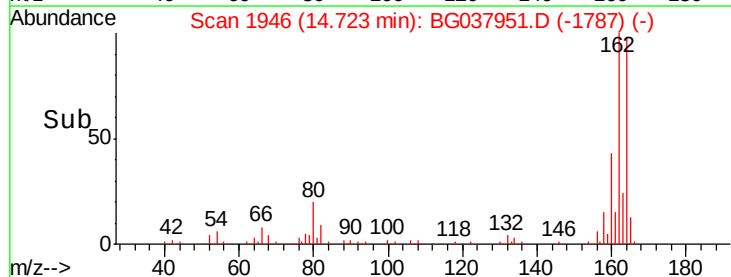
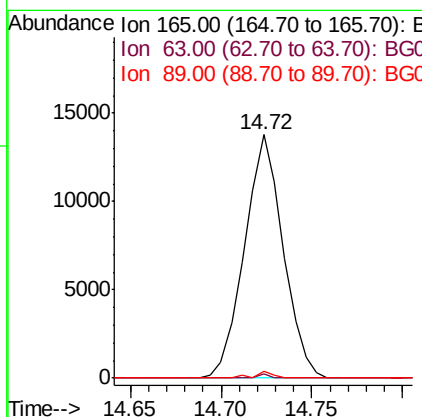
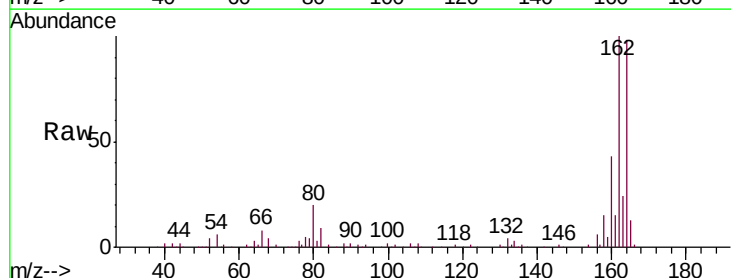
Instrument :
 BNA_G
 ClientSampleId :
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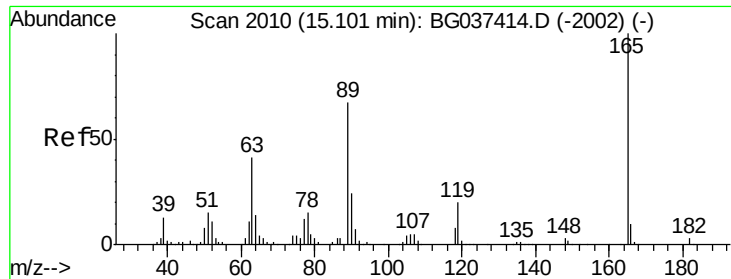
Tgt Ion:172 Resp: 836563
 Ion Ratio Lower Upper
 172 100
 171 36.8 31.0 46.4
 170 24.6 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.567 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.40 min
 Lab File: BG037951.D
 Acq: 12 Nov 2018 19:25

Tgt Ion:165 Resp: 20364
 Ion Ratio Lower Upper
 165 100
 63 1.6 43.4 65.2#
 89 2.5 45.8 68.6#

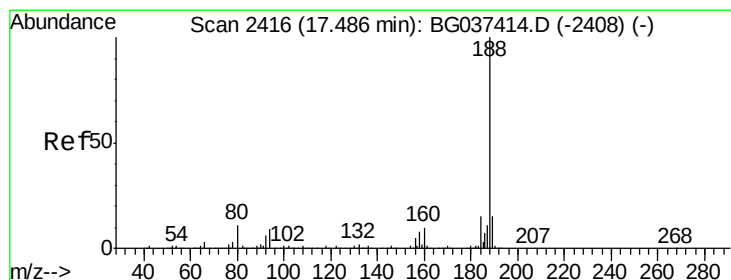
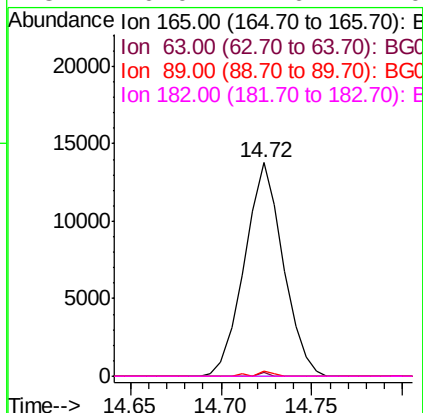
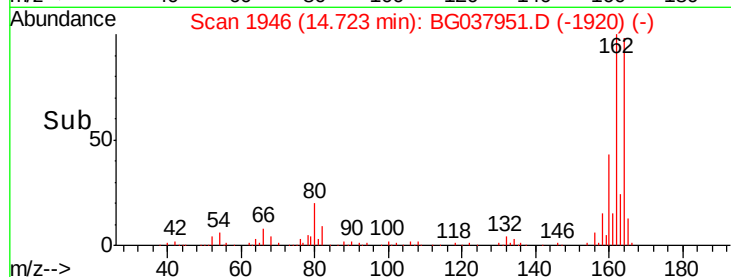
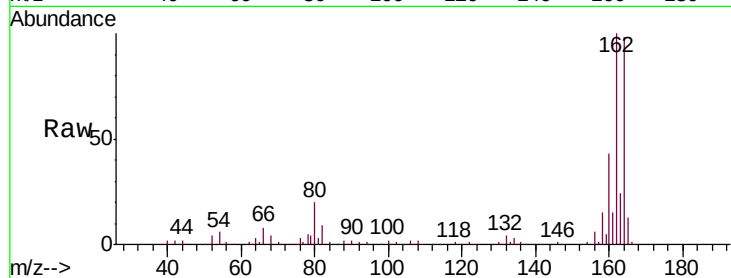




#57
 2,4-Dinitrotoluene
 Concen: 5.764 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.38 min
 Lab File: BG037951.D
 Acq: 12 Nov 2018 19:25

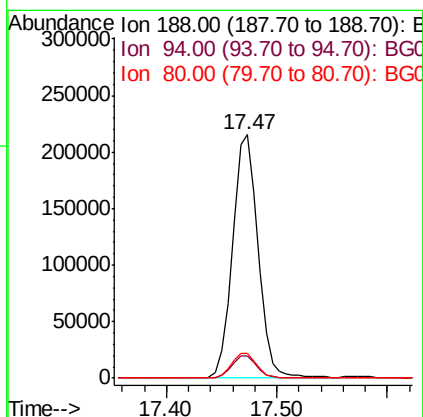
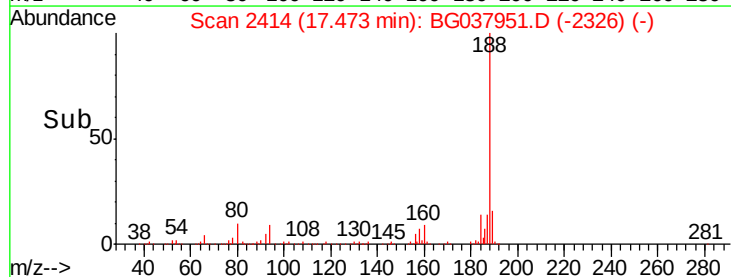
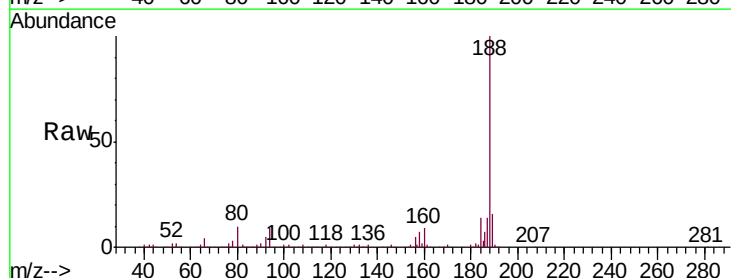
Instrument :
 BNA_G
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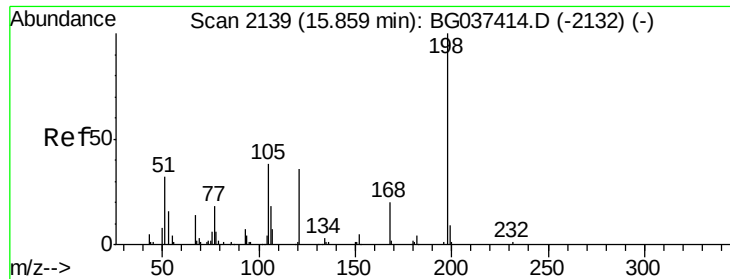
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	33.4	50.0#
89	2.5	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BG037951.D
 Acq: 12 Nov 2018 19:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	10.1	7.7	11.5

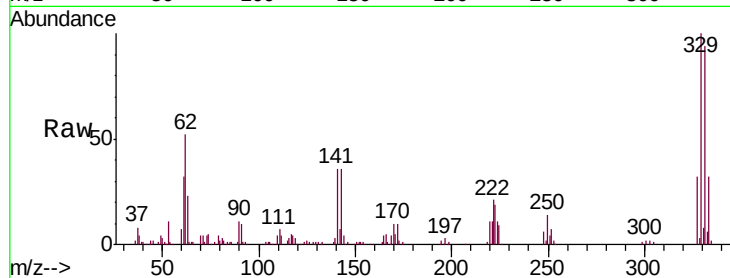




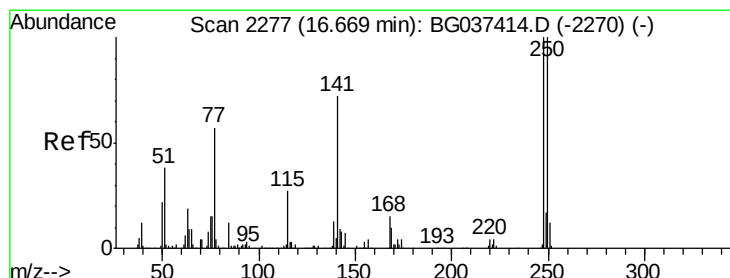
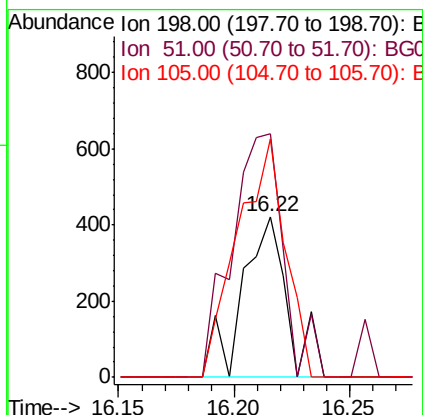
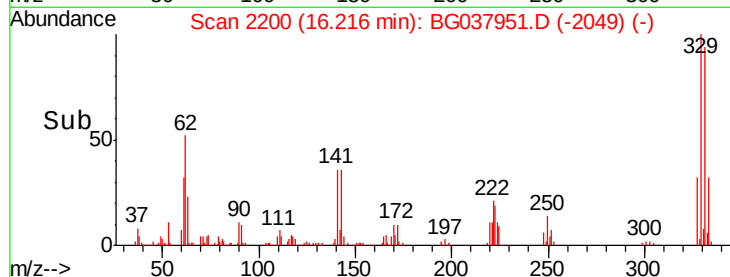
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.765 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. 0.36 min
 Lab File: BG037951.D
 Acq: 12 Nov 2018 19:25

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-S

Tgt Ion:198 Resp: 574
 Ion Ratio Lower Upper
 198 100
 51 33.1 22.7 62.7
 105 32.4 19.7 59.7

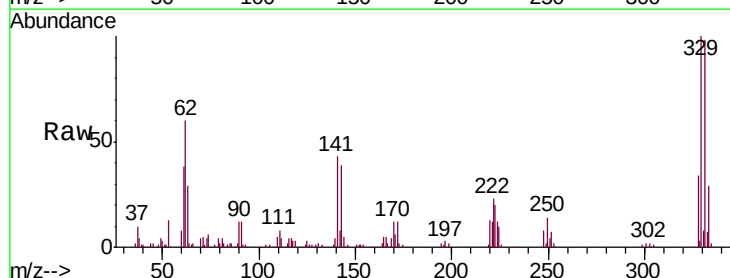


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

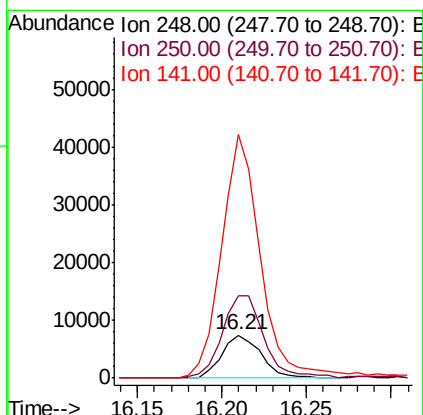
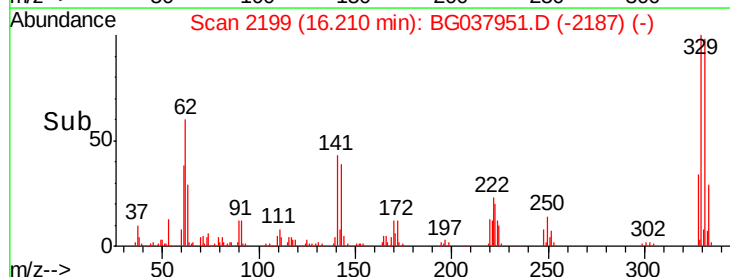


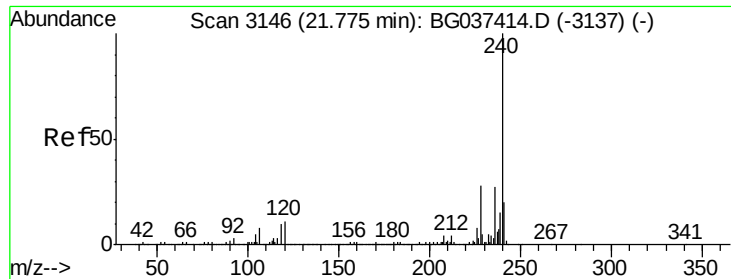
#67
 4-Bromophenyl-phenylether
 Concen: 3.116 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.46 min
 Lab File: BG037951.D
 Acq: 12 Nov 2018 19:25

Tgt Ion:248 Resp: 11954
 Ion Ratio Lower Upper
 248 100
 250 189.9 77.0 115.6#
 141 430.8 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: 21.76 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG037951.D

Acq: 12 Nov 2018 19:25

Instrument :

BNA_G

ClientSampleId :

TP-2-S

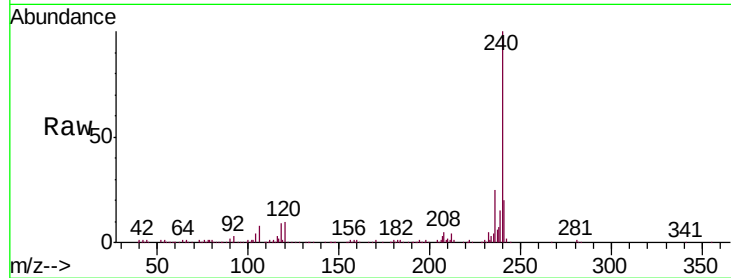
Tgt Ion:240 Resp: 296018

Ion Ratio Lower Upper

240 100

120 10.2 8.1 12.1

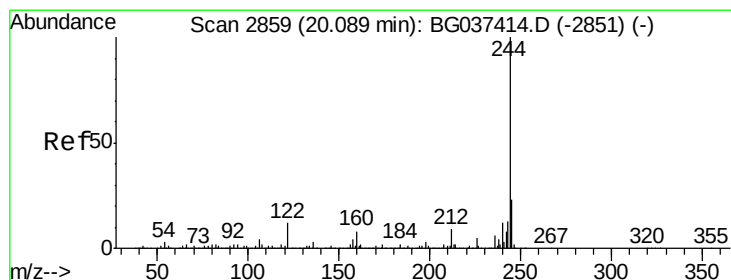
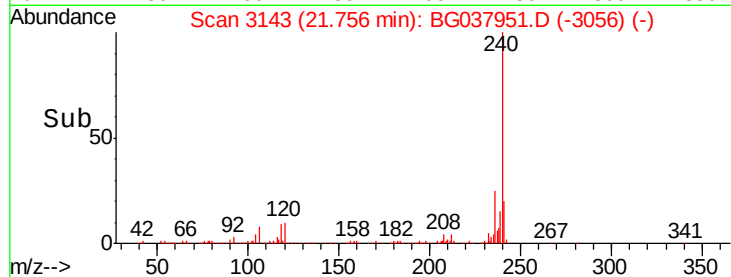
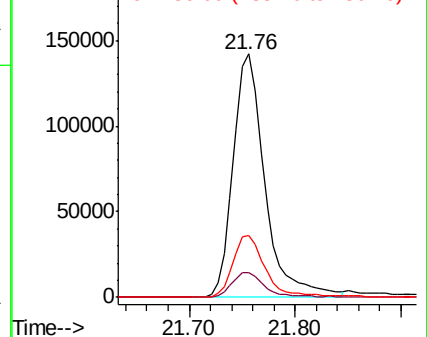
236 25.5 21.4 32.0



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: 87.777 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG037951.D

Acq: 12 Nov 2018 19:25

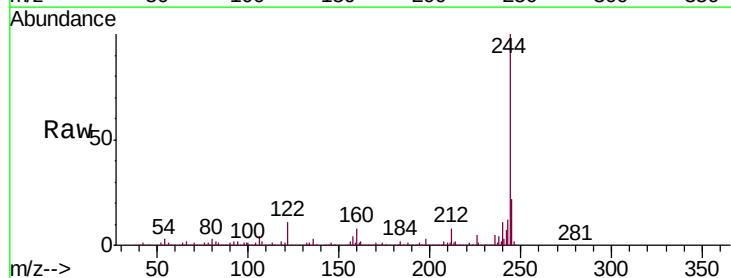
Tgt Ion:244 Resp: 1216021

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

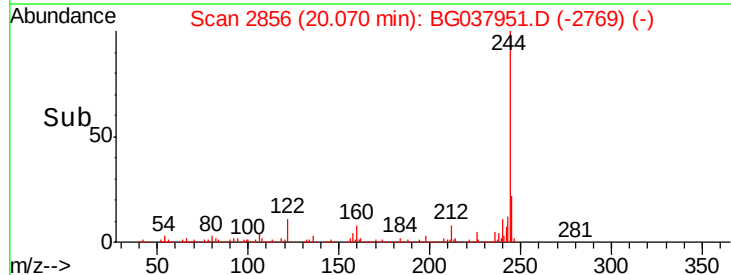
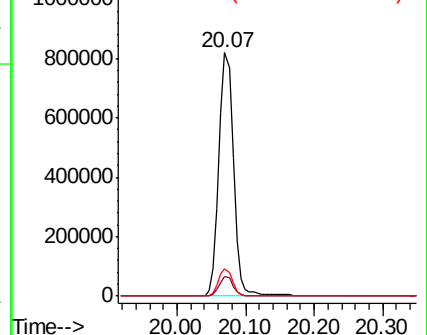
122 11.0 9.0 13.4

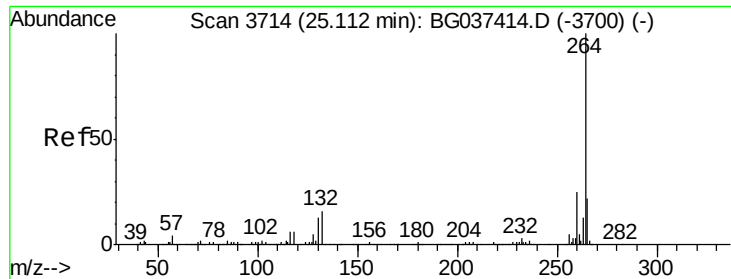


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

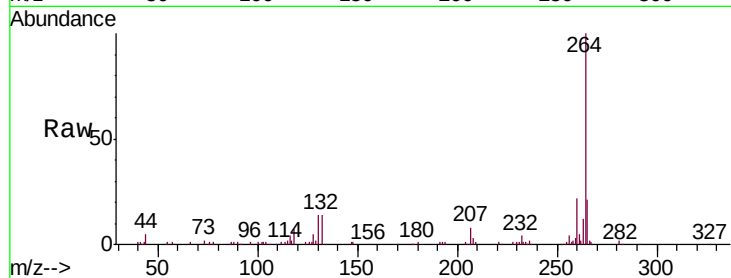




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3710
Delta R.T. -0.02 min
Lab File: BG037951.D
Acq: 12 Nov 2018 19:25

Instrument :
BNA_G
ClientSampleId :
TP-2-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.2	27.4
265	21.3	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

