

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
 Data File : BG037930.D
 Acq On : 9 Nov 2018 21:15
 Operator : JU/SJ
 Sample : J5884-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3-S

Quant Time: Nov 12 06:10:54 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

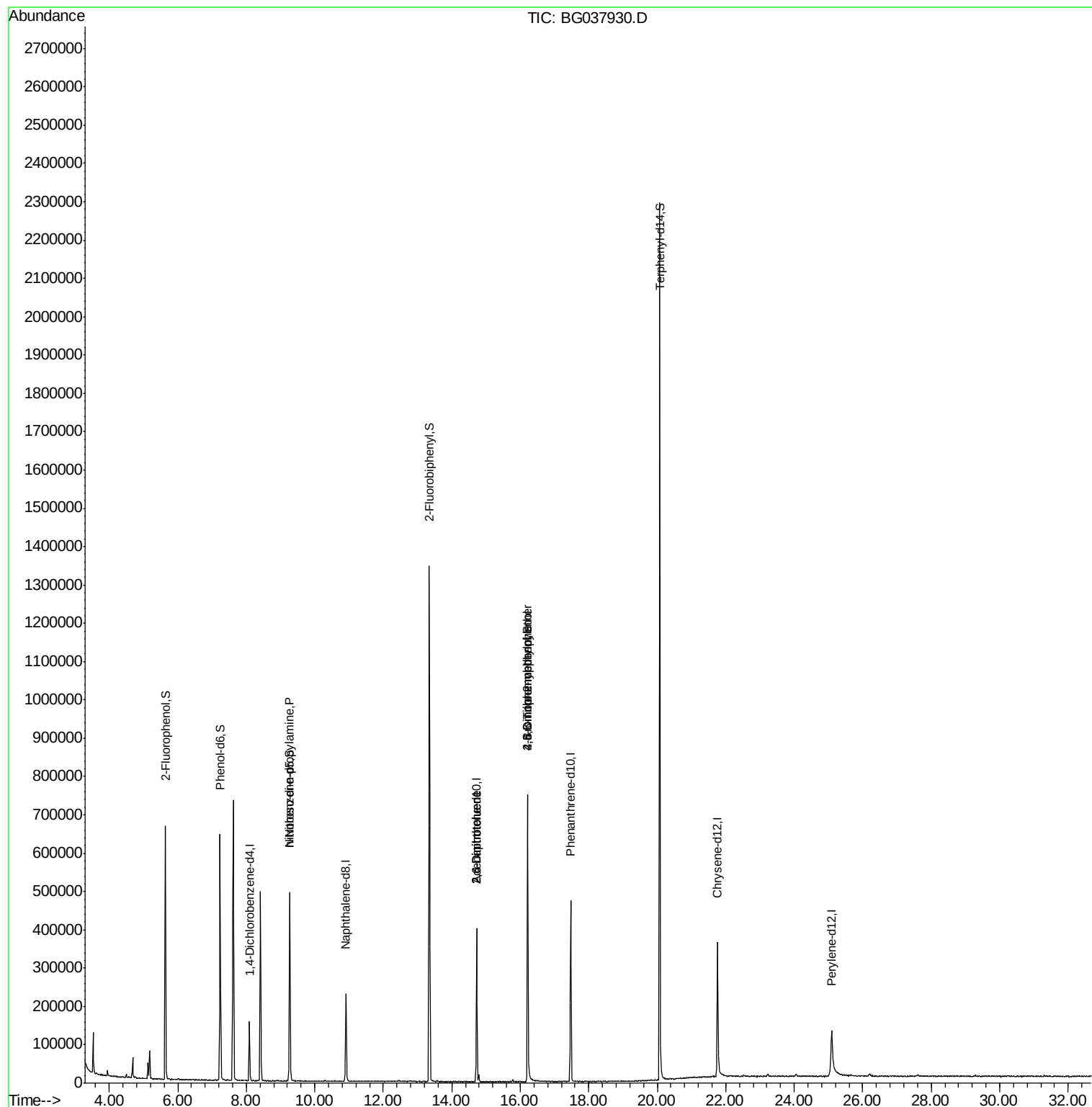
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	46139	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	212160	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	143321	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	315891	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	268029	20.00	ng	-0.01
87) Perylene-d12	25.09	264	197815	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	308041	111.62	ng	0.00
7) Phenol-d6	7.24	99	410658	98.41	ng	-0.01
23) Nitrobenzene-d5	9.27	82	314479	83.04	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	153720	98.34	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	724892	76.27	ng	-0.02
79) Terphenyl-d14	20.07	244	1134469	90.44	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	39874	13.876	ng	# 71
51) 2,6-Dinitrotoluene	14.73	165	17922	7.307	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	17922	5.566	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.21	198	187	8.600	ng	# 1
67) 4-Bromophenyl-phenylether	16.21	248	11219	3.234	ng	# 1

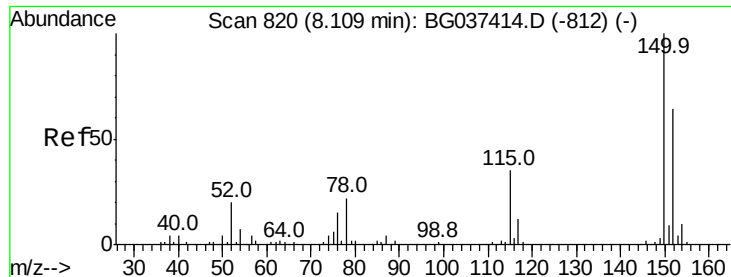
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 18 14:06:42 2018
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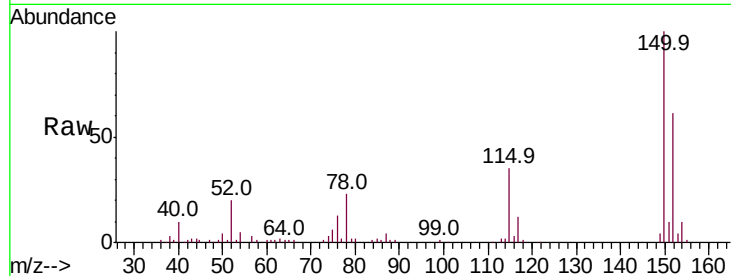


#1

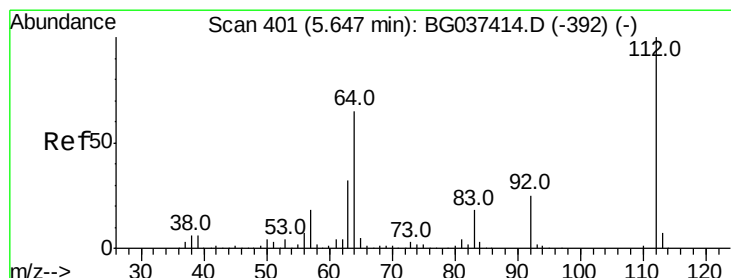
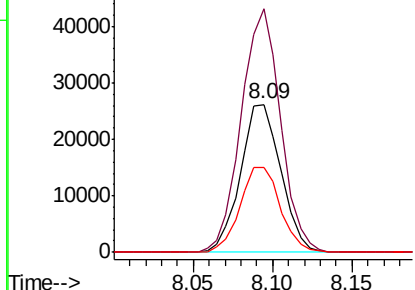
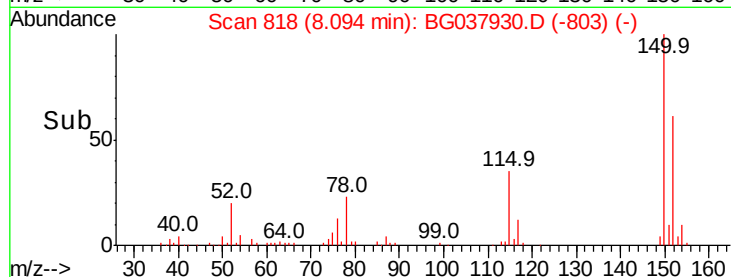
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037930.D
Acq: 9 Nov 2018 21:15

Instrument :
BNA_G
ClientSampleId :
TP-3-S

Tot Ion:152 Resp: 46139
Ion Ratio Lower Upper
152 100
150 164.5 126.0 189.0
115 57.4 45.5 68.3



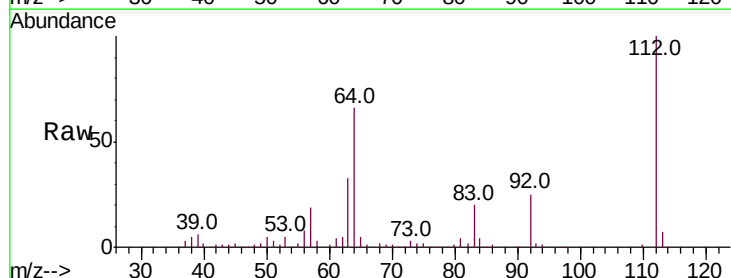
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



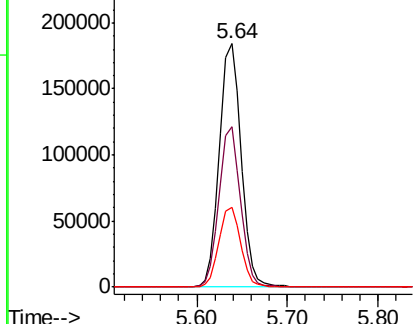
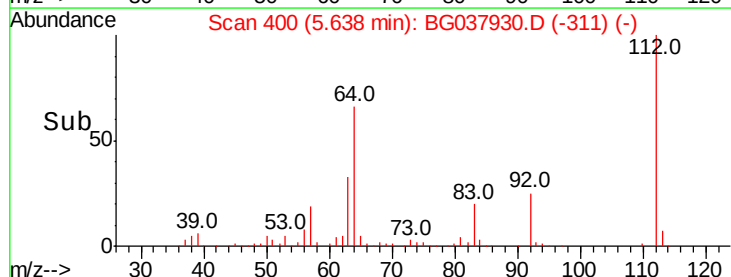
#5

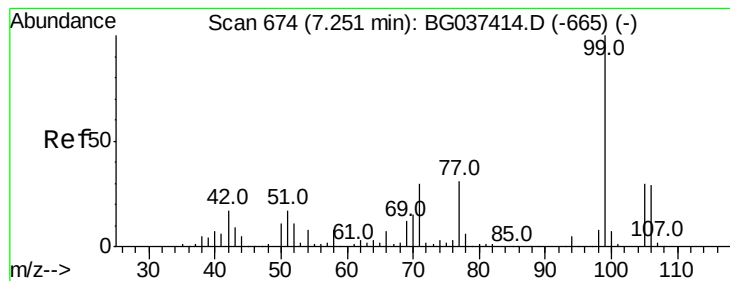
2-Fluorophenol
Concen: 111.619 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037930.D
Acq: 9 Nov 2018 21:15

Tgt Ion:112 Resp: 308041
Ion Ratio Lower Upper
112 100
64 66.1 53.1 79.7
63 33.0 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: 98.406 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037930.D

Acq: 9 Nov 2018 21:15

Instrument :

BNA_G

ClientSampleId :

TP-3-S

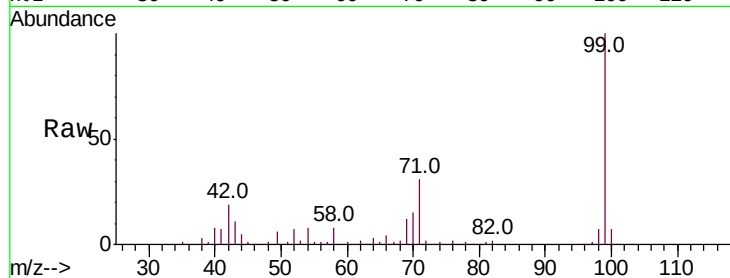
Tot Ion: 99 Resp: 410658

Ion Ratio Lower Upper

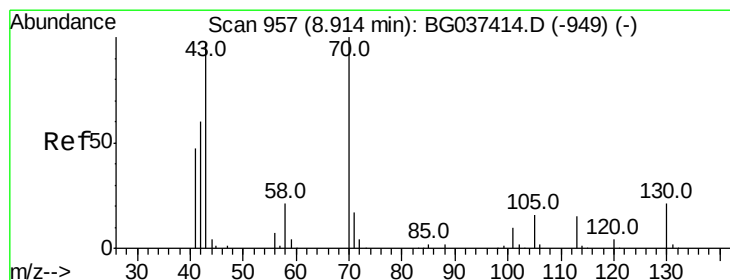
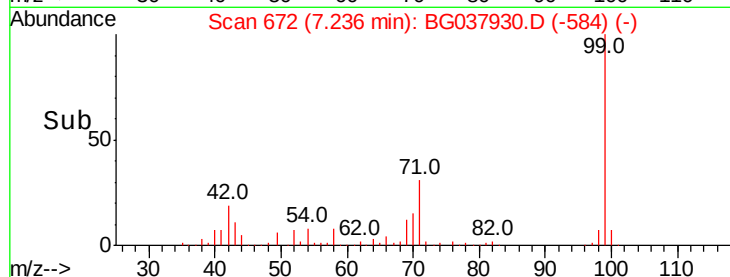
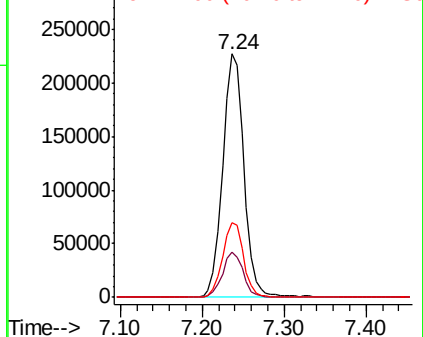
99 100

42 18.5 15.0 22.4

71 30.9 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: 13.876 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.36 min

Lab File: BG037930.D

Acq: 9 Nov 2018 21:15

Tgt Ion: 70 Resp: 39874

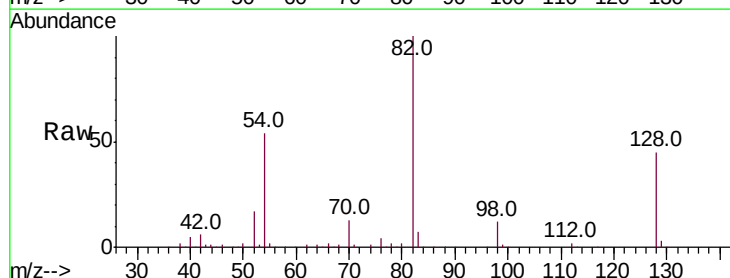
Ion Ratio Lower Upper

70 100

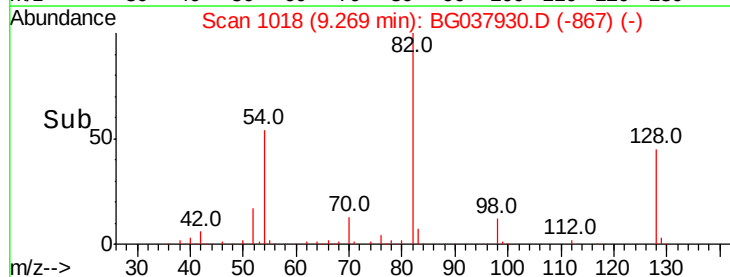
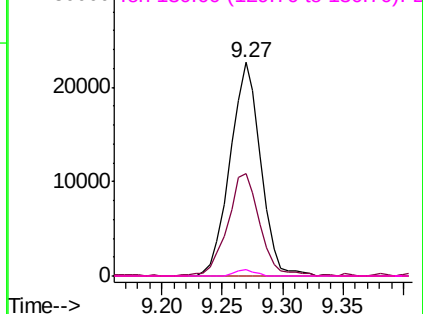
42 47.7 53.9 80.9#

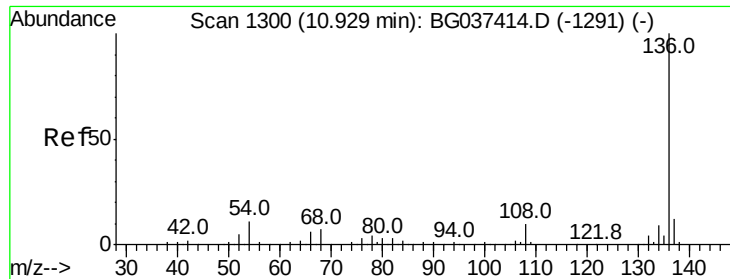
101 0.0 8.2 12.2#

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

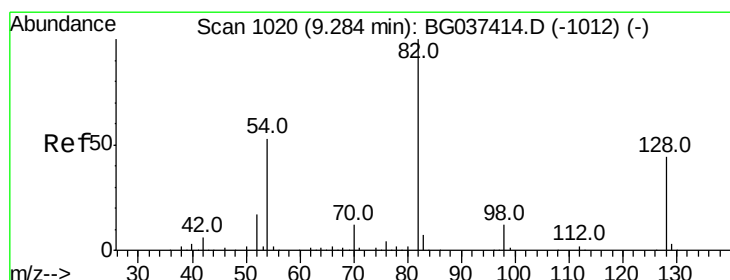
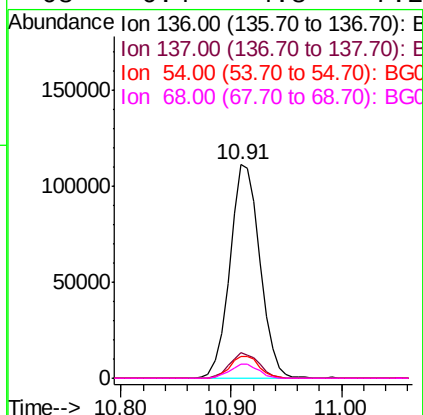
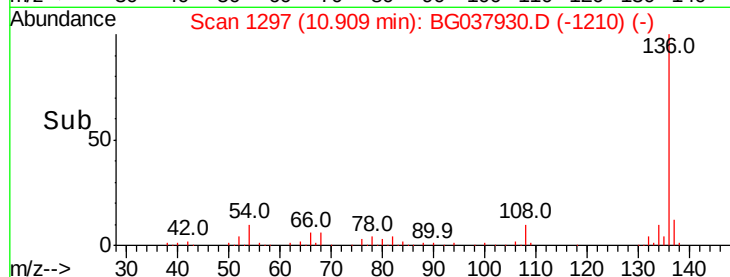
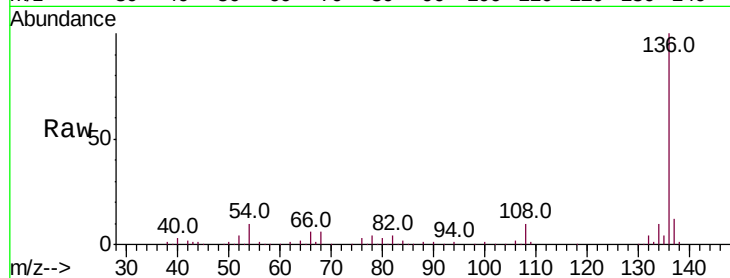




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037930.D
Acq: 9 Nov 2018 21:15

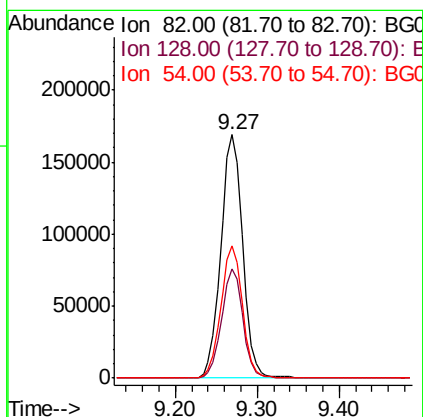
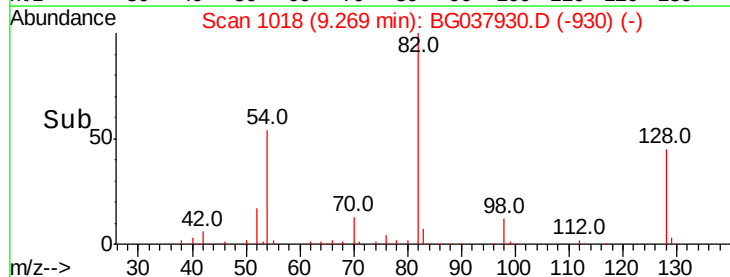
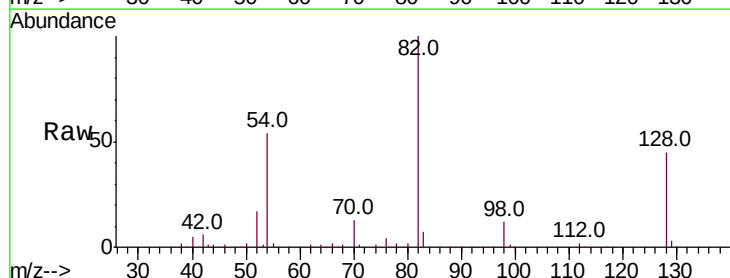
Instrument :
BNA_G
ClientSampleId :
TP-3-S

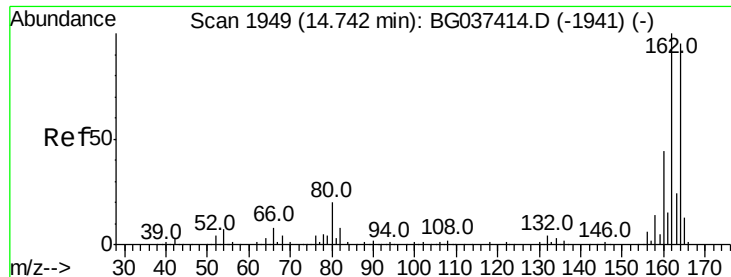
Tot Ion:	136	Resp:	212160
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	10.4	7.9	11.9
68	6.4	4.8	7.2



#23
Nitrobenzene-d5
Concen: 83.035 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037930.D
Acq: 9 Nov 2018 21:15

Tgt Ion:	82	Resp:	314479
Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.6	51.8
54	54.3	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037930.D

Acq: 9 Nov 2018 21:15

Instrument :

BNA_G

ClientSampleId :

TP-3-S

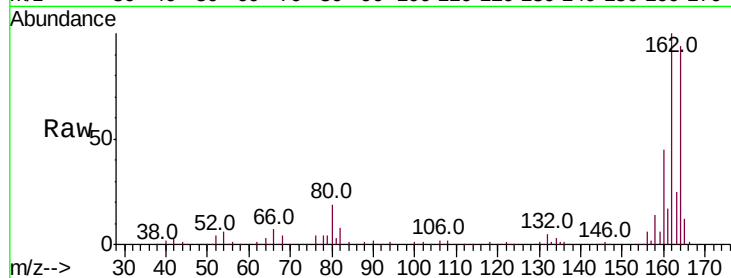
Tot Ion:164 Resp: 143321

Ion Ratio Lower Upper

164 100

162 106.6 81.3 121.9

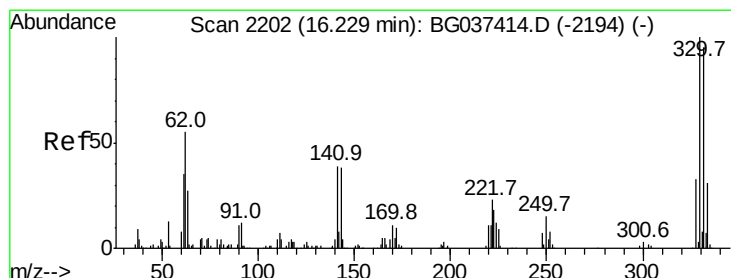
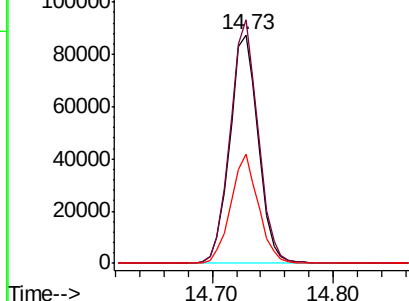
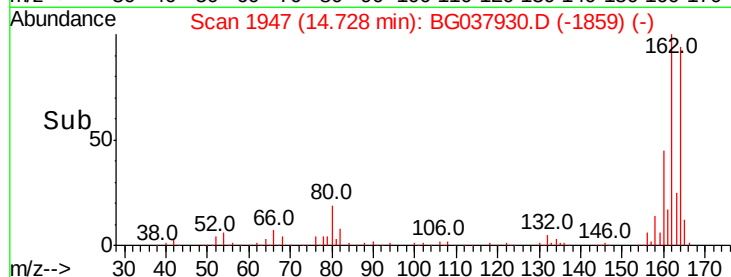
160 47.8 36.3 54.5



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: 98.338 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037930.D

Acq: 9 Nov 2018 21:15

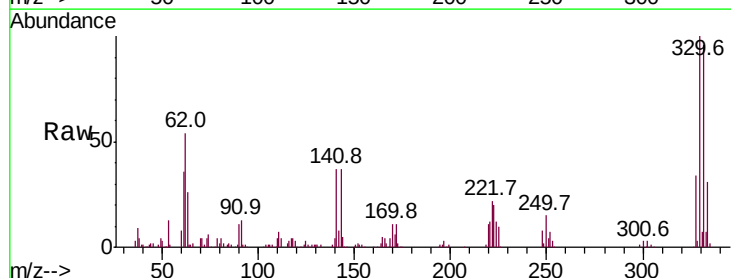
Tgt Ion:330 Resp: 153720

Ion Ratio Lower Upper

330 100

332 94.3 78.4 117.6

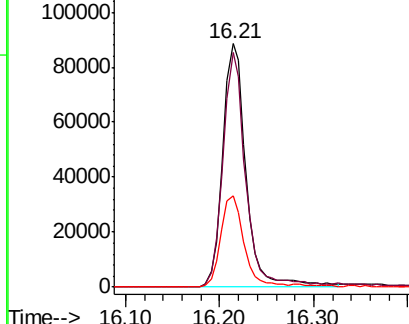
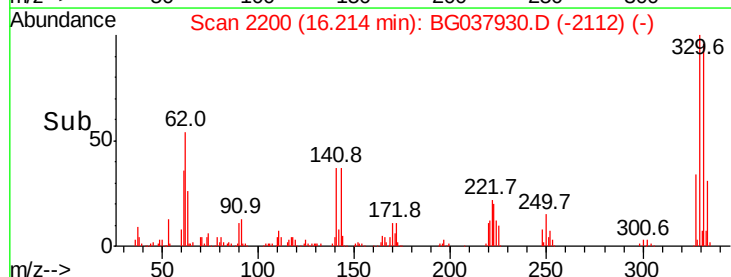
141 37.2 32.2 48.2

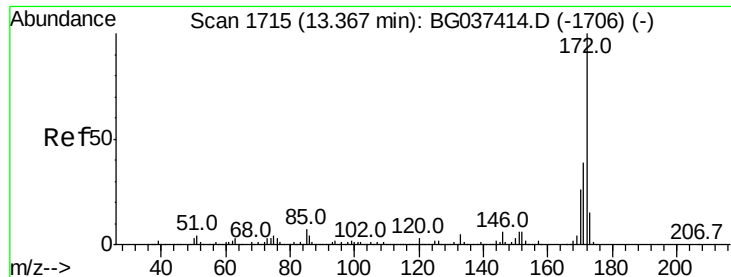


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

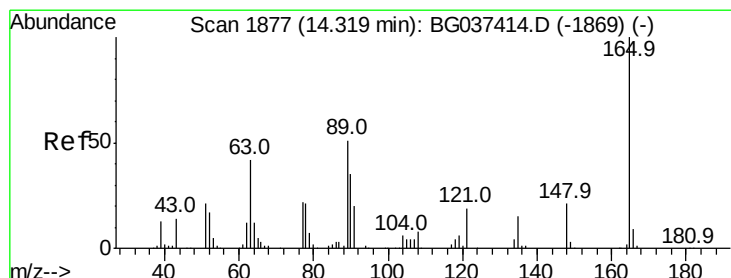
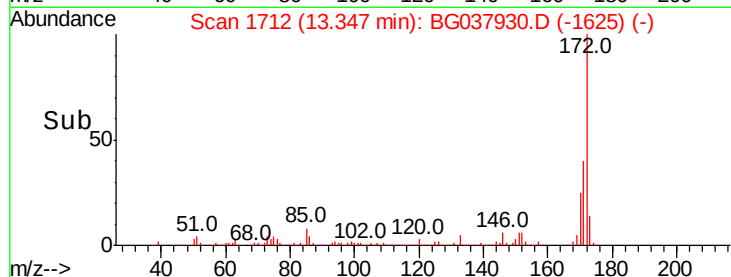
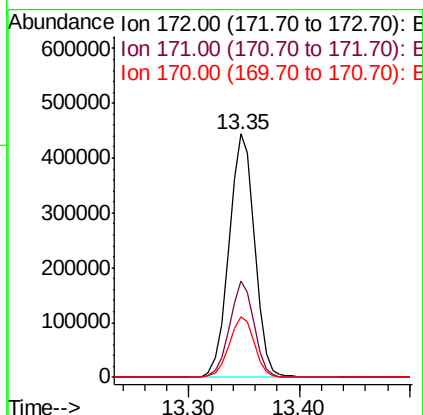
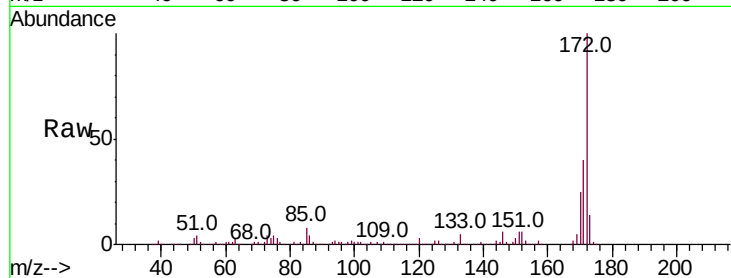




#45
2-Fluorobiphenyl
Concen: 76.269 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037930.D
Acq: 9 Nov 2018 21:15

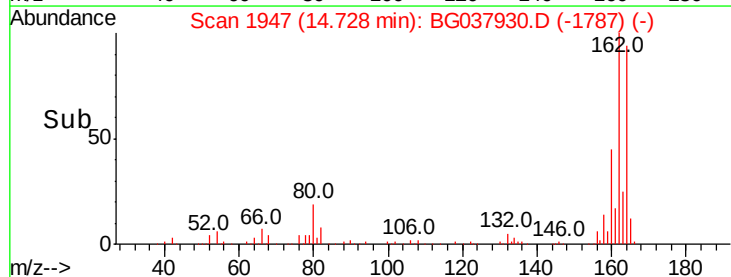
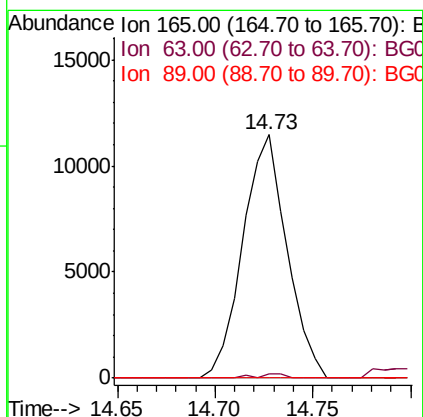
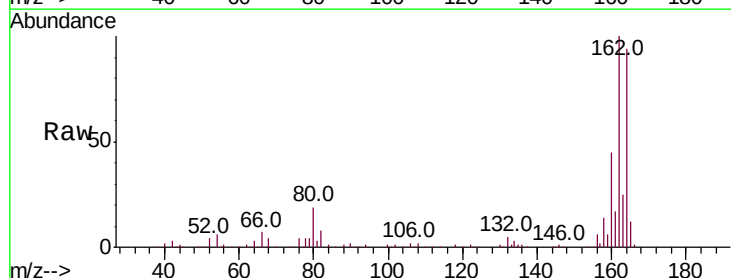
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BNA_G
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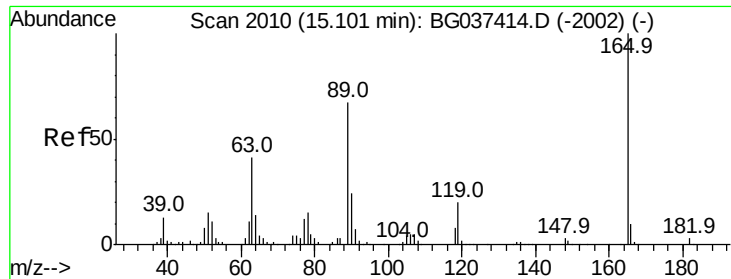
Tot Ion:172 Resp: 724892
Ion Ratio Lower Upper
172 100
171 39.5 31.0 46.4
170 24.8 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.307 ng
RT: 14.73 min Scan# 1947
Delta R.T. 0.41 min
Lab File: BG037930.D
Acq: 9 Nov 2018 21:15

Tgt Ion:165 Resp: 17922
Ion Ratio Lower Upper
165 100
63 1.9 43.4 65.2#
89 0.0 45.8 68.6#

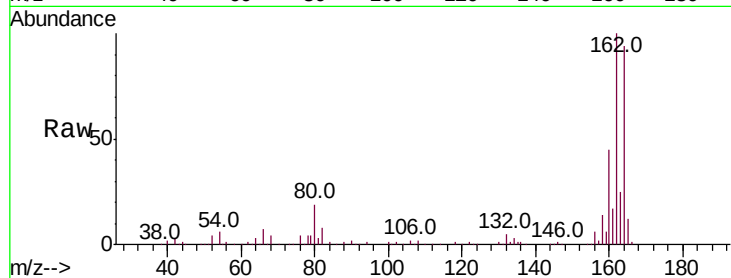




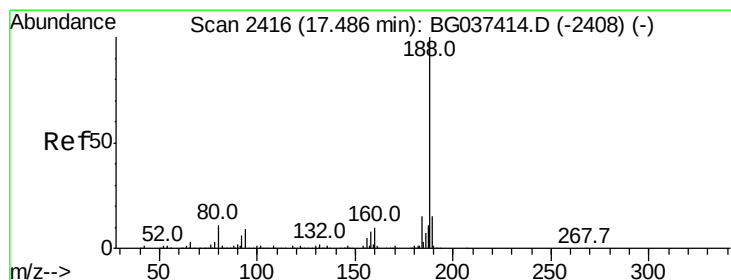
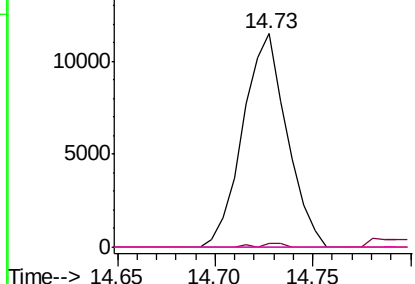
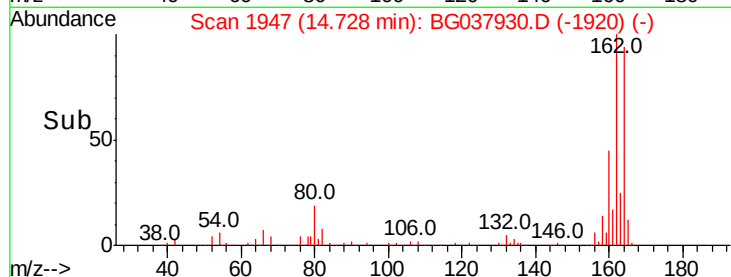
#57
 2,4-Dinitrotoluene
 Concen: 5.566 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037930.D
 Acq: 9 Nov 2018 21:15

Instrument :
 BNA_G
 ClientSampleId :
 TP-3-S

Tot Ion:165 Resp: 17922
 Ion Ratio Lower Upper
 165 100
 63 1.9 33.4 50.0#
 89 0.0 57.2 85.8#
 182 0.0 2.6 4.0#

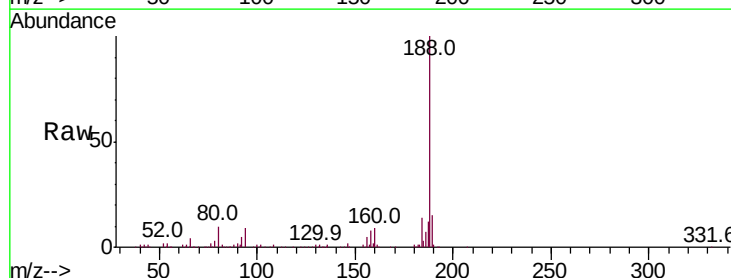


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

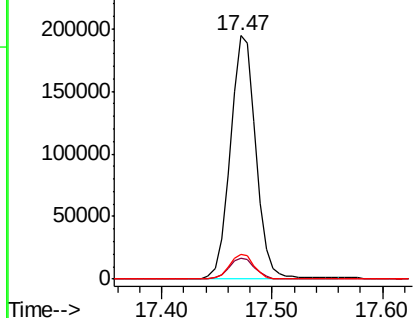
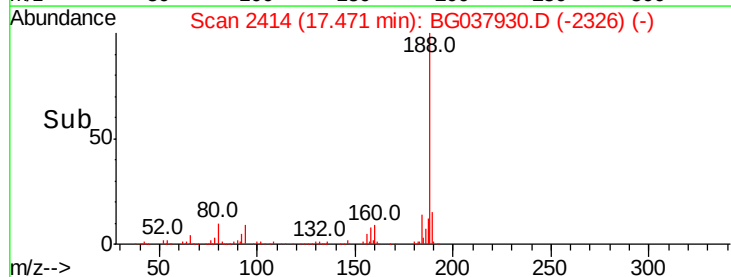


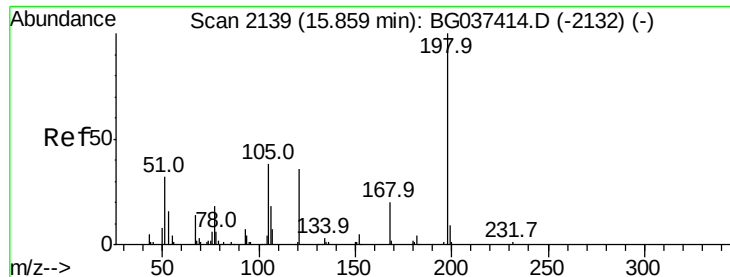
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BG037930.D
 Acq: 9 Nov 2018 21:15

Tgt Ion:188 Resp: 315891
 Ion Ratio Lower Upper
 188 100
 94 8.6 7.2 10.8
 80 9.9 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

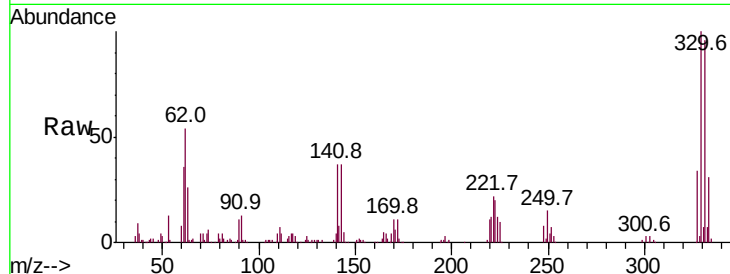




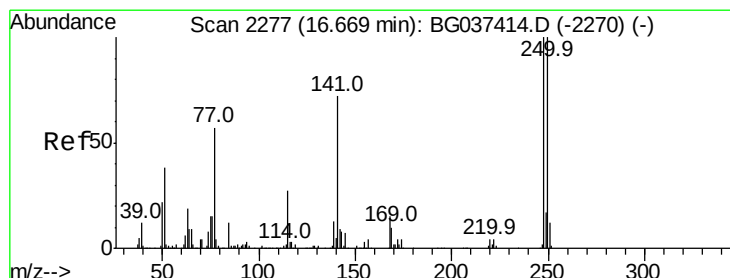
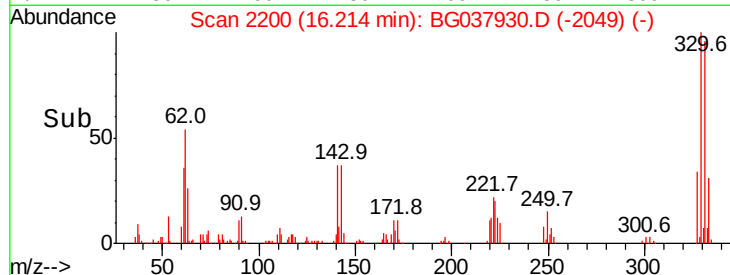
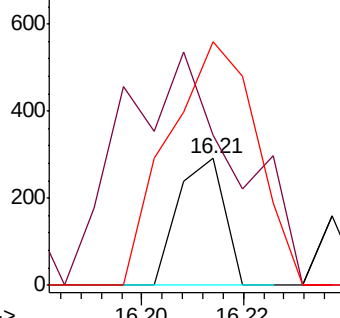
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.600 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. 0.36 min
 Lab File: BG037930.D
 Acq: 9 Nov 2018 21:15

Instrument :
 BNA_G
 ClientSampleId :
 TP-3-S

Tot Ion:198 Resp: 187
 Ion Ratio Lower Upper
 198 100
 51 118.6 22.7 62.7#
 105 192.1 19.7 59.7#

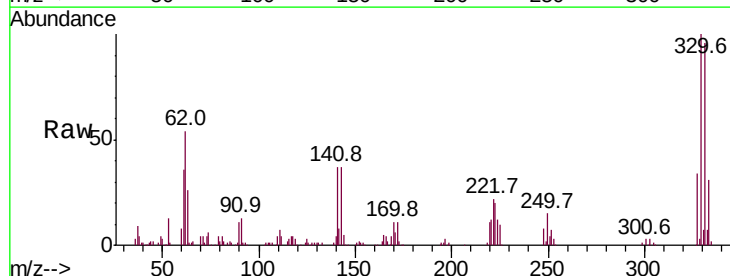


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

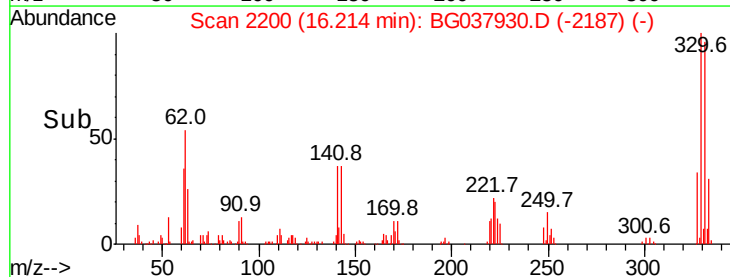
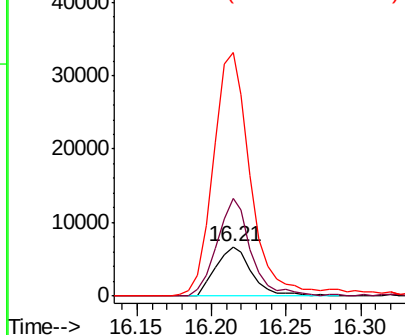


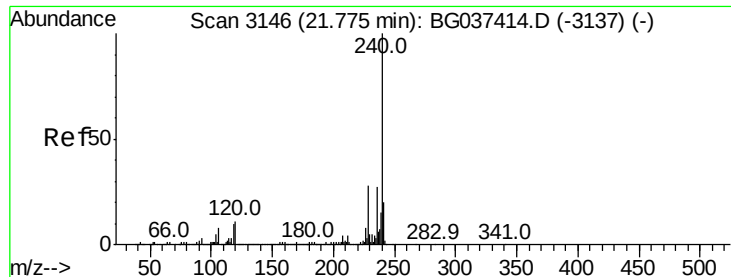
#67
 4-Bromophenyl-phenylether
 Concen: 3.234 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.46 min
 Lab File: BG037930.D
 Acq: 9 Nov 2018 21:15

Tgt Ion:248 Resp: 11219
 Ion Ratio Lower Upper
 248 100
 250 198.4 77.0 115.6#
 141 382.8 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

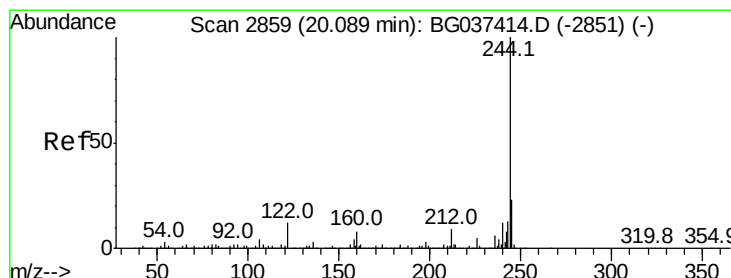
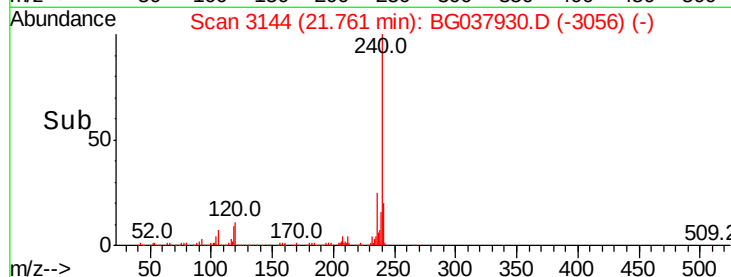
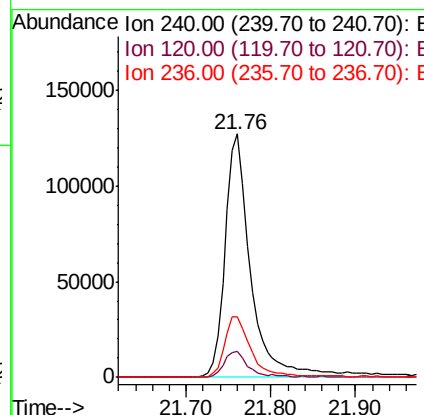
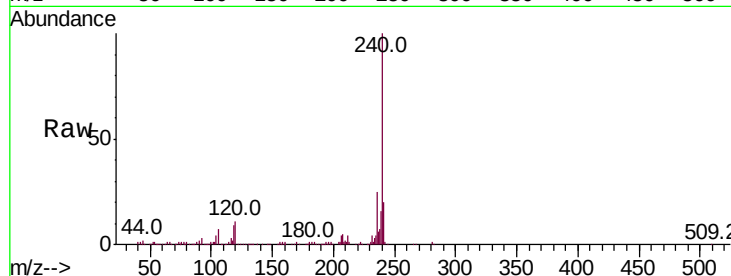




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037930.D
Acq: 9 Nov 2018 21:15

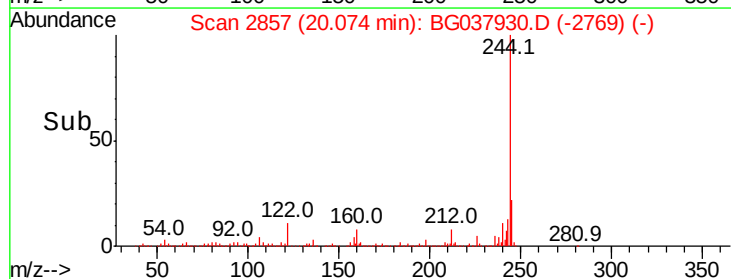
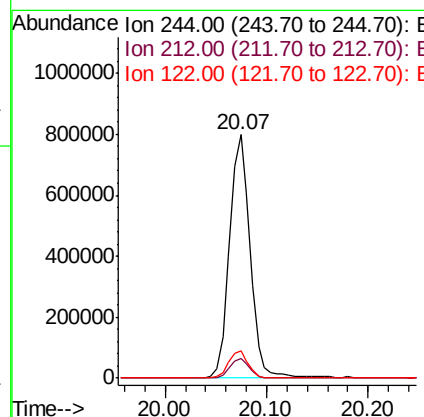
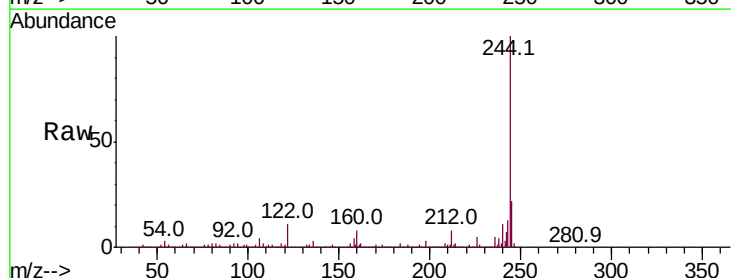
Instrument :
BNA_G
ClientSampleId :
TP-3-S

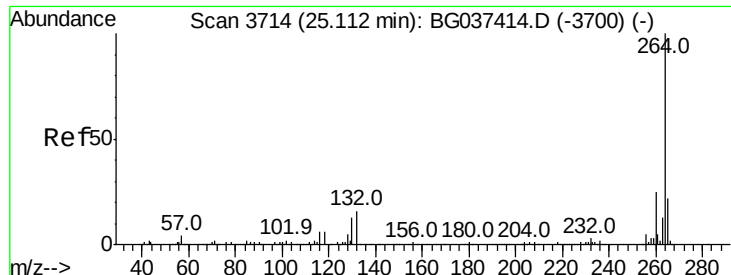
Tot Ion:240 Resp: 268029
Ion Ratio Lower Upper
240 100
120 10.6 8.1 12.1
236 24.9 21.4 32.0



#79
Terphenyl-d14
Concen: 90.442 ng
RT: 20.07 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BG037930.D
Acq: 9 Nov 2018 21:15

Tgt Ion:244 Resp: 1134469
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 11.1 9.0 13.4

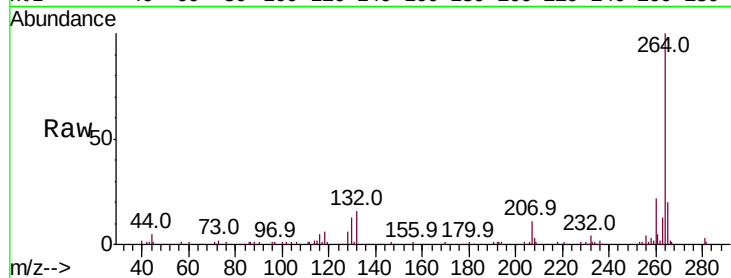




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.09 min Scan# 3711
 Delta R.T. -0.02 min
 Lab File: BG037930.D
 Acq: 9 Nov 2018 21:15

Instrument :
 BNA_G
 ClientSampleId :
 TP-3-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.2	27.4
265	20.1	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

