

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092718\
 Data File : BG037024.D
 Acq On : 27 Sep 2018 21:11
 Operator : JU/SJ
 Sample : J5097-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Quant Time: Sep 28 04:23:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	43853	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	168083	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	106019	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	274878	20.00	ng	0.00
75) Chrysene-d12	21.68	240	286653	20.00	ng	-0.01
86) Perylene-d12	24.88	264	288788	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	310172	135.64	ng	0.00
7) Phenol-d6	7.20	99	431350	121.92	ng	-0.01
23) Nitrobenzene-d5	9.20	82	291251	92.79	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	173806	137.02	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	594736	83.55	ng	-0.01
78) Terphenyl-d14	20.02	244	976449	89.57	ng	-0.01

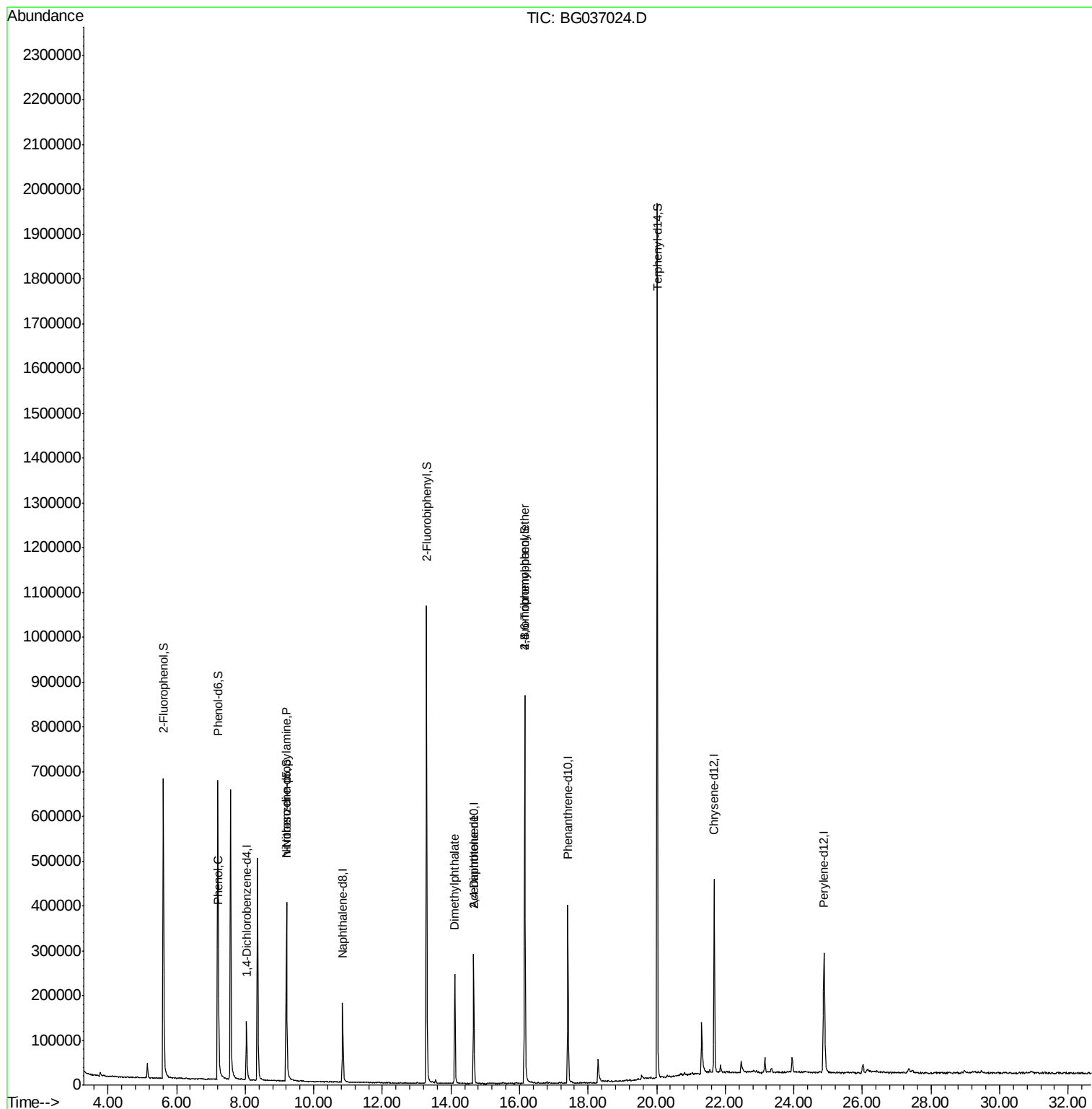
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.22	94	7756	2.124	ng	# 9
19) n-Nitroso-di-n-propylamine	9.20	70	39136	13.298	ng	# 72
49) Dimethylphthalate	14.11	163	181205	21.234	ng	100
56) 2,4-Dinitrotoluene	14.66	165	13856	5.333	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	12007	3.840	ng	# 1

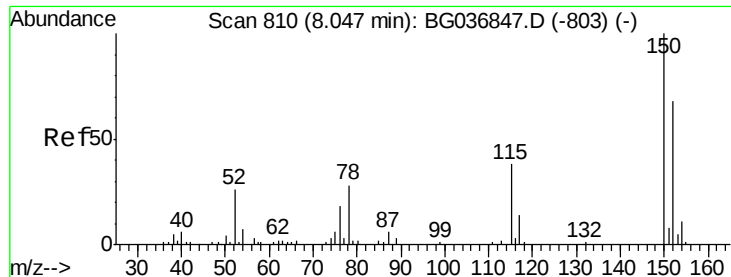
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092718\
Data File : BG037024.D
Acq On : 27 Sep 2018 21:11
Operator : JU/SJ
Sample : J5097-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4

Quant Time: Sep 28 04:23:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration



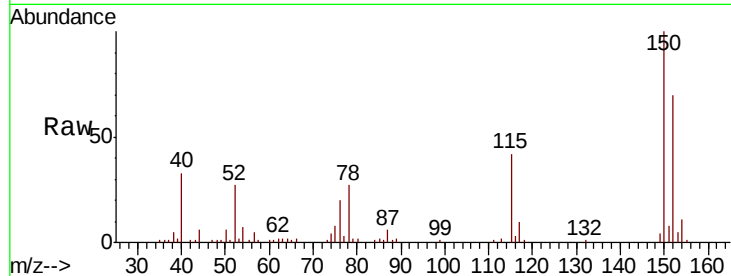


#1

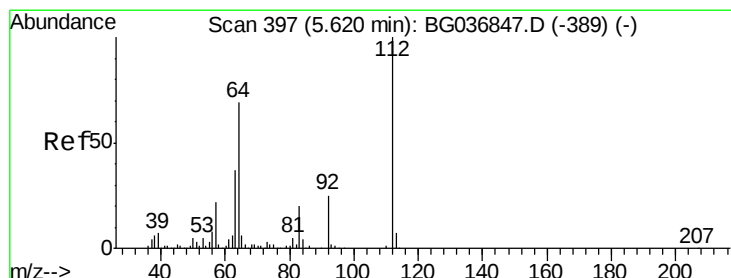
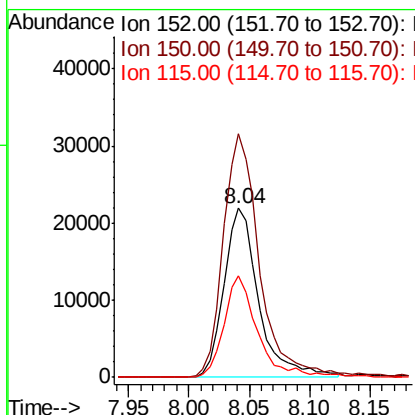
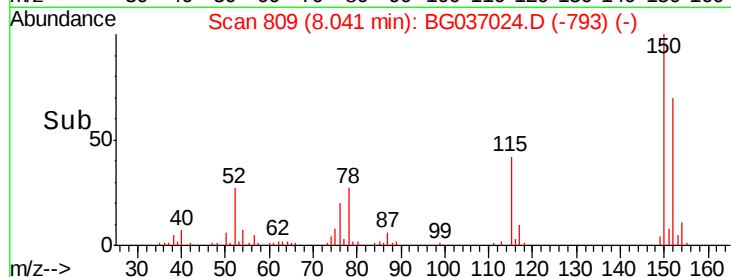
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037024.D
Acq: 27 Sep 2018 21:11

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion	Ratio	Lower	Upper
152	100		
150	143.8	119.5	179.3
115	60.2	44.5	66.7



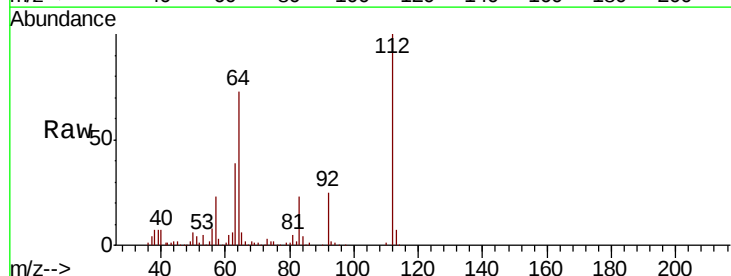
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



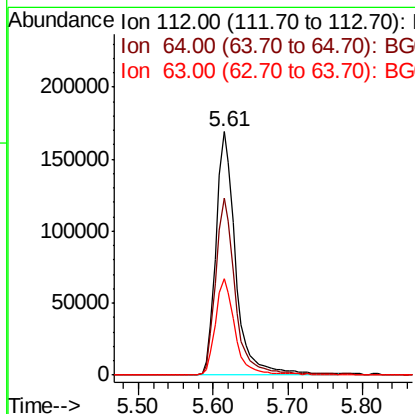
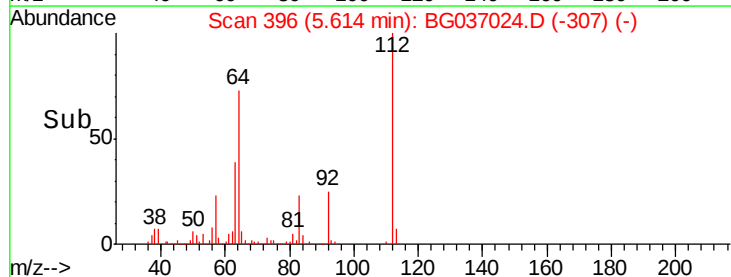
#5

2-Fluorophenol
Concen: 135.645 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG037024.D
Acq: 27 Sep 2018 21:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.7	57.2	85.8
63	39.4	30.8	46.2



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: 121.925 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037024.D

Acq: 27 Sep 2018 21:11

Instrument :

BNA_G

ClientSampled :

TP-4

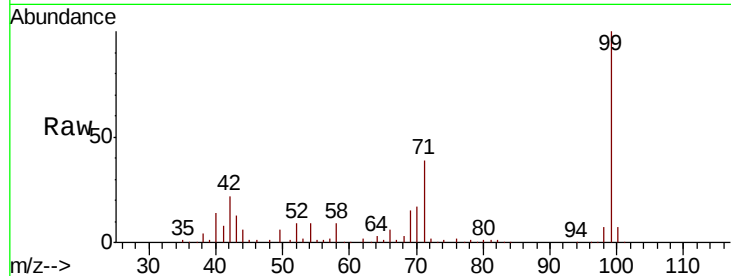
Tgt Ion: 99 Resp: 431350

Ion Ratio Lower Upper

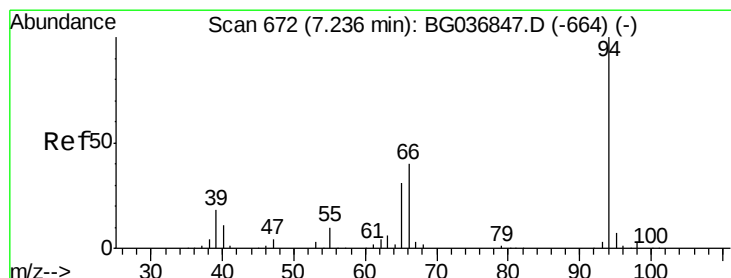
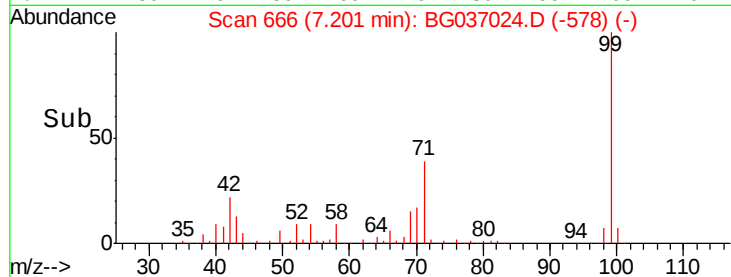
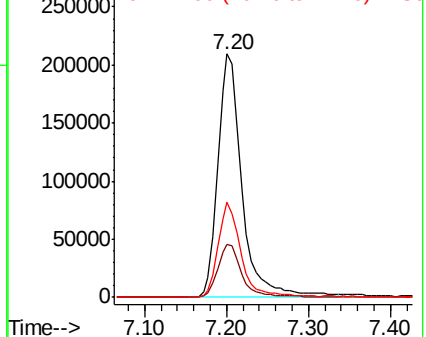
99 100

42 21.8 16.5 24.7

71 39.1 29.4 44.2



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



#10

Phenol

Concen: 2.124 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG037024.D

Acq: 27 Sep 2018 21:11

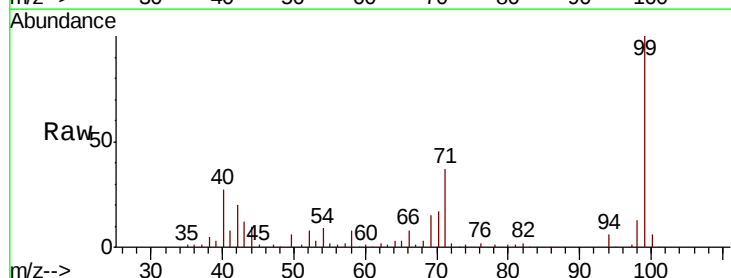
Tgt Ion: 94 Resp: 7756

Ion Ratio Lower Upper

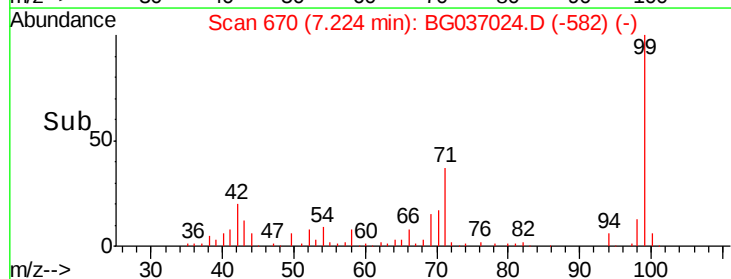
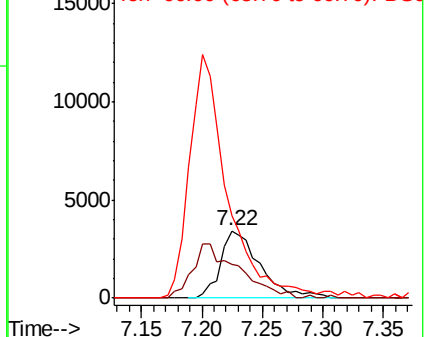
94 100

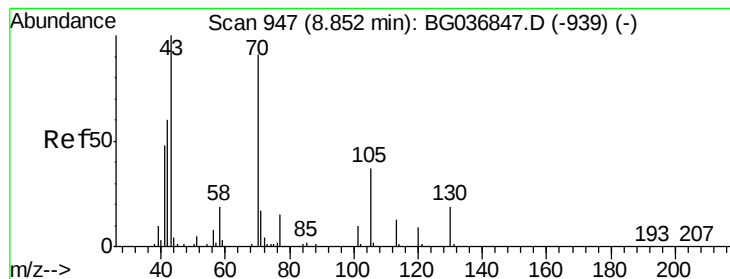
65 50.1 11.5 51.5

66 123.3 19.5 59.5#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 13.298 ng

RT: 9.20 min Scan# 1007

Delta R.T. 0.35 min

Lab File: BG037024.D

Acq: 27 Sep 2018 21:11

Instrument :

BNA_G

ClientSampleId :

TP-4

Tgt Ion: 70 Resp: 39136

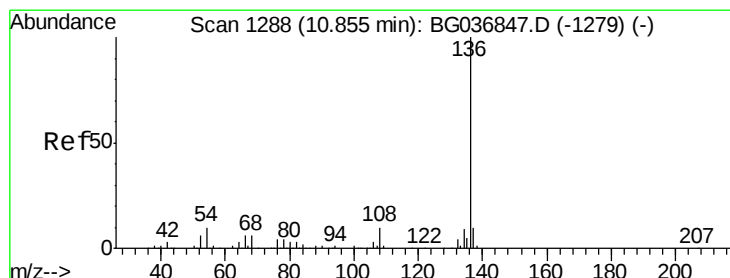
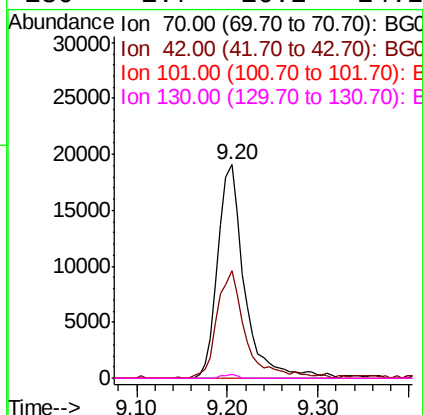
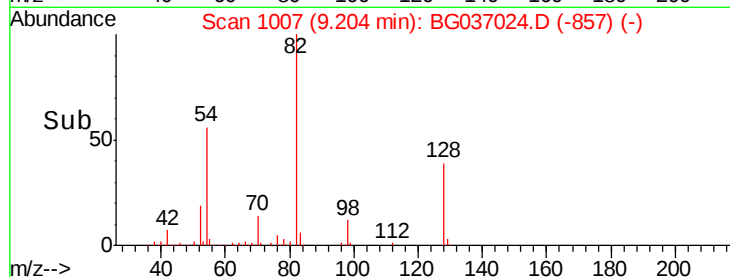
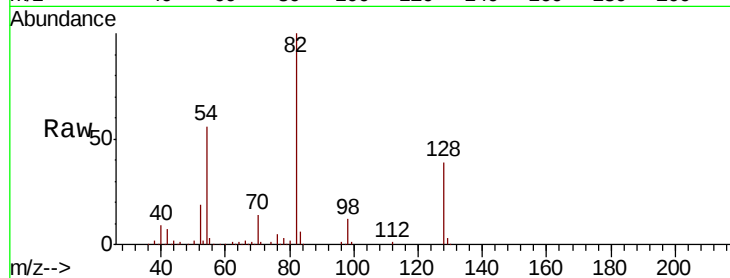
Ion Ratio Lower Upper

70 100

42 50.4 56.2 84.4#

101 0.0 7.8 11.6#

130 1.7 16.2 24.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG037024.D

Acq: 27 Sep 2018 21:11

Tgt Ion: 136 Resp: 168083

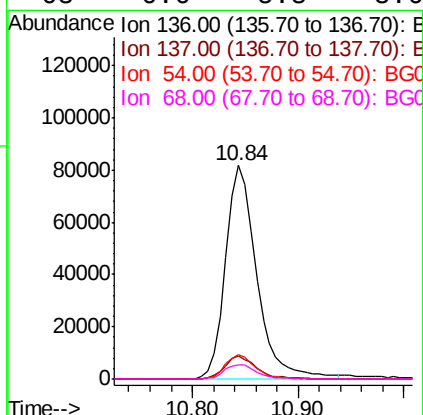
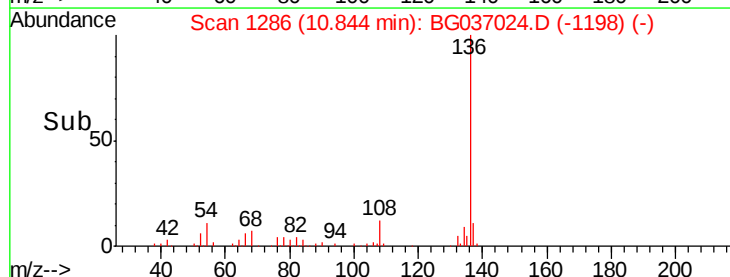
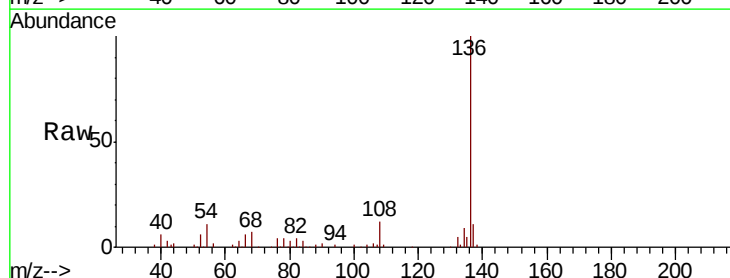
Ion Ratio Lower Upper

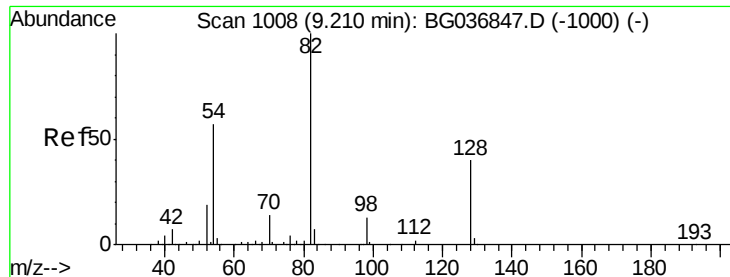
136 100

137 10.8 8.8 13.2

54 11.3 9.2 13.8

68 6.6 5.8 8.6

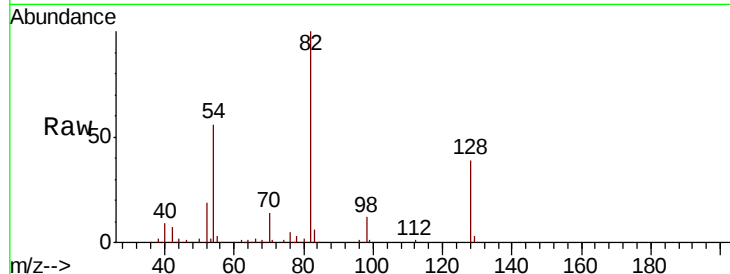




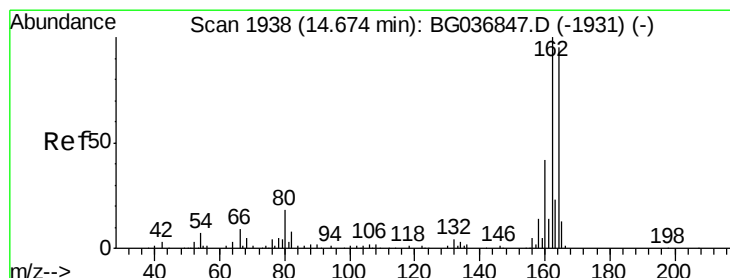
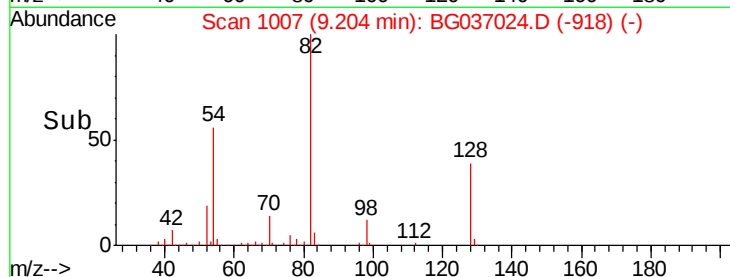
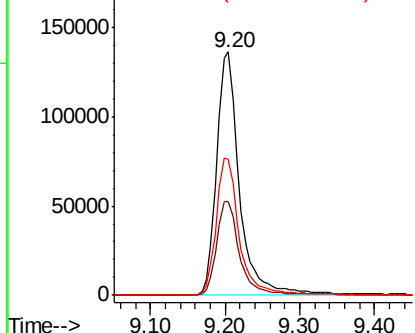
#23
 Nitrobenzene-d5
 Concen: 92.792 ng
 RT: 9.20 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG037024.D
 Acq: 27 Sep 2018 21:11

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.7	33.3	49.9
54	55.7	45.1	67.7

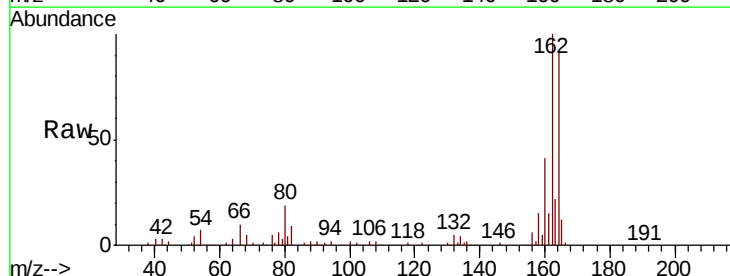


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

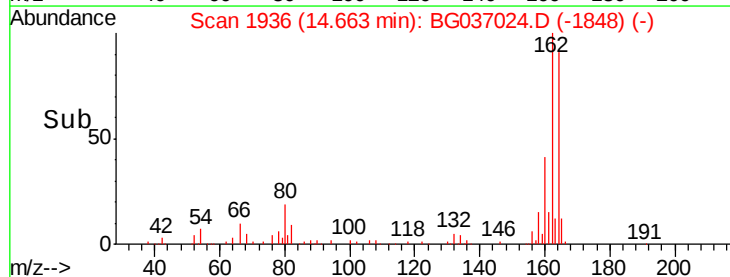
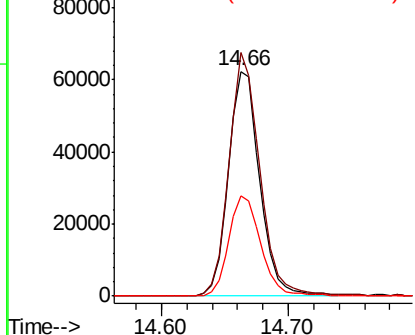


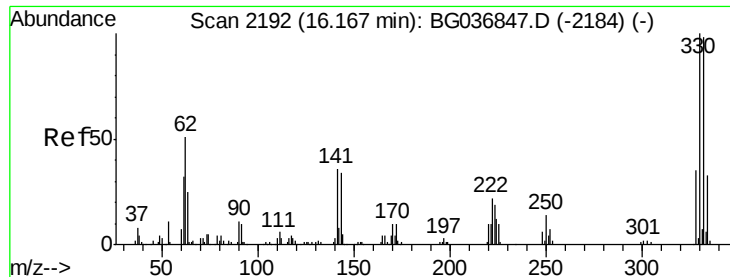
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BG037024.D
 Acq: 27 Sep 2018 21:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.5	80.7	121.1
160	44.9	35.3	52.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

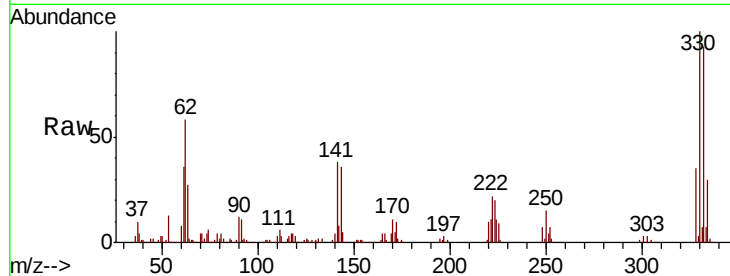




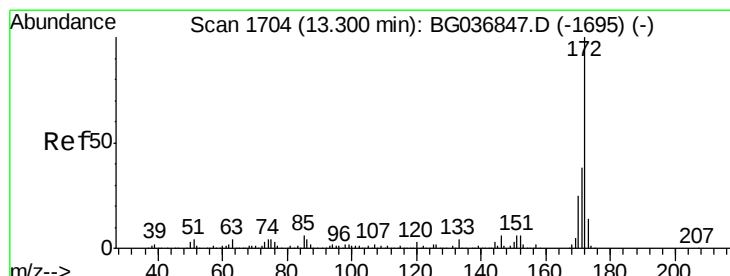
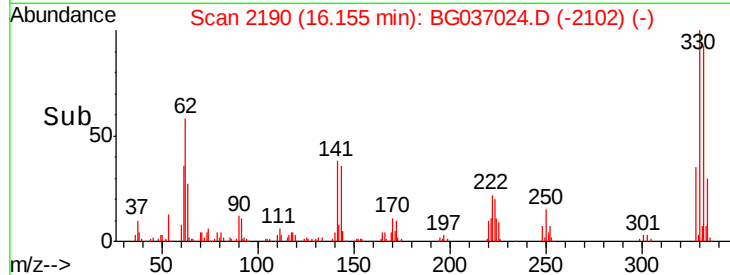
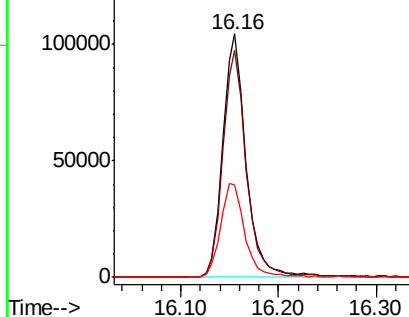
#41
 2,4,6-Tribromophenol
 Concen: 137.022 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG037024.D
 Acq: 27 Sep 2018 21:11

Instrument :
 BNA_G
 ClientSampled :
 TP-4

Tgt Ion:330 Resp: 173806
 Ion Ratio Lower Upper
 330 100
 332 94.5 75.4 113.2
 141 39.9 30.7 46.1

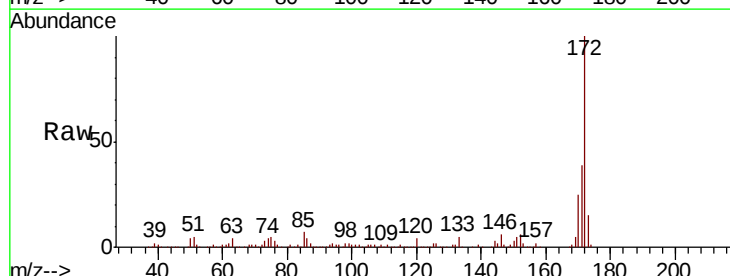


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

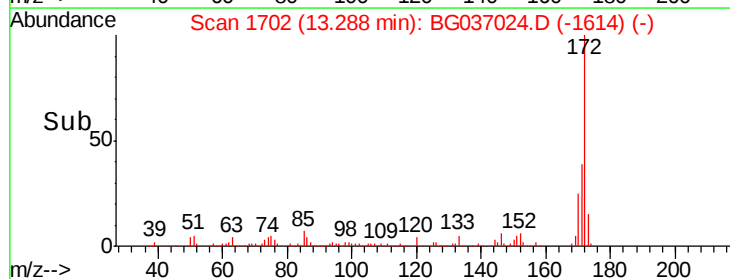
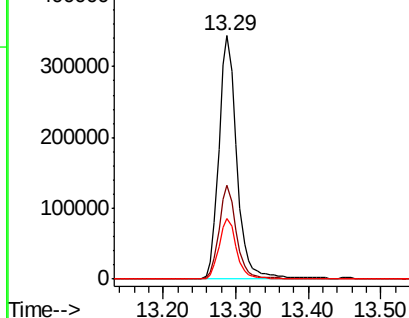


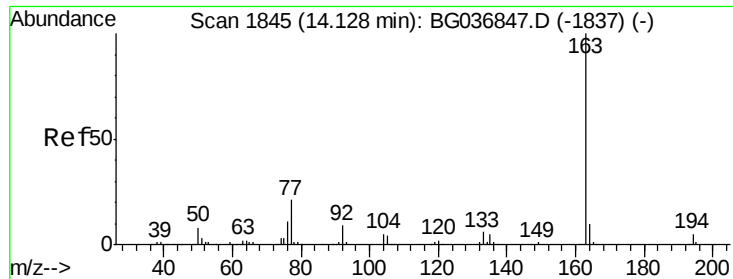
#44
 2-Fluorobiphenyl
 Concen: 83.550 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037024.D
 Acq: 27 Sep 2018 21:11

Tgt Ion:172 Resp: 594736
 Ion Ratio Lower Upper
 172 100
 171 38.5 31.3 46.9
 170 25.1 21.0 31.6



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

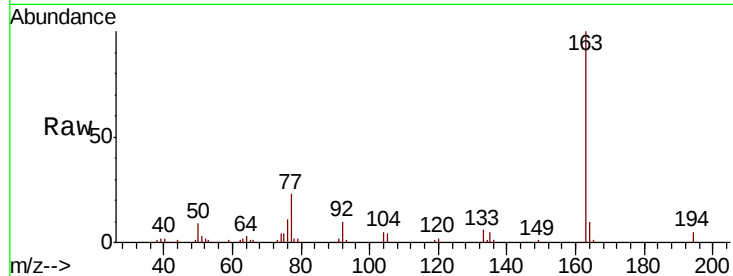




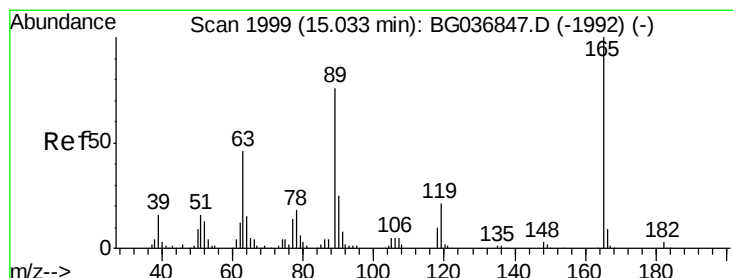
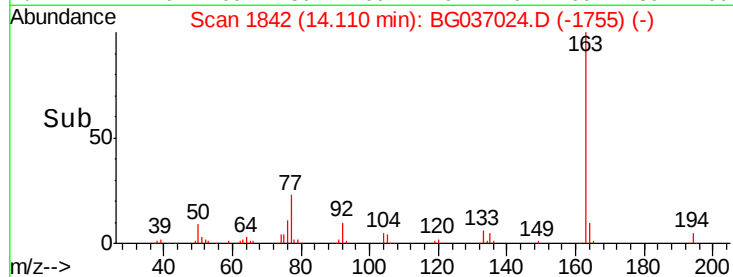
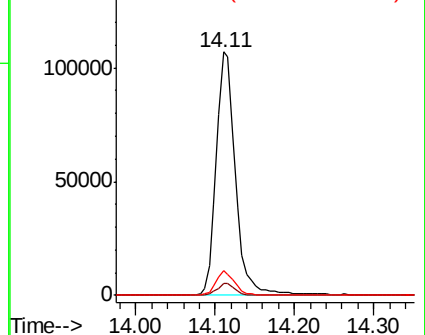
#49
Dimethylphthalate
Concen: 21.234 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.02 min
Lab File: BG037024.D
Acq: 27 Sep 2018 21:11

Instrument :
BNA_G
ClientSampled :
TP-4

Tgt Ion:163 Resp: 181205
Ion Ratio Lower Upper
163 100
194 4.7 4.0 6.0
164 10.2 8.1 12.1

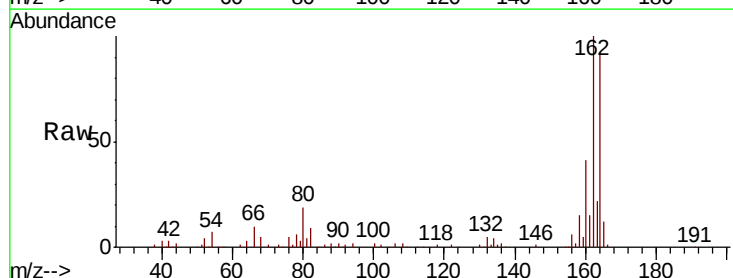


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

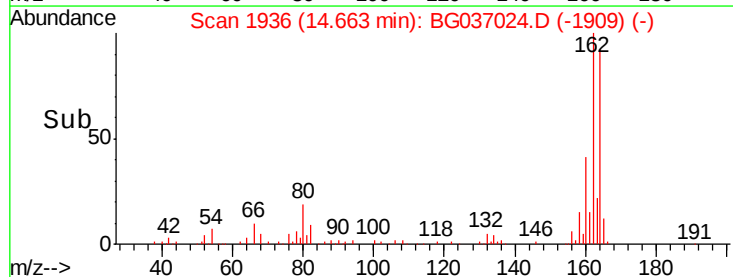
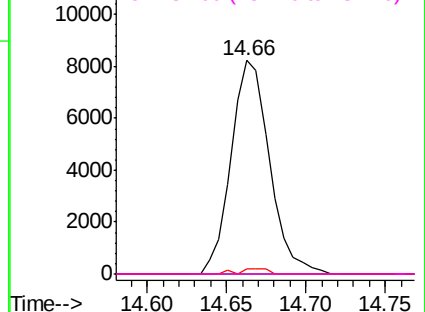


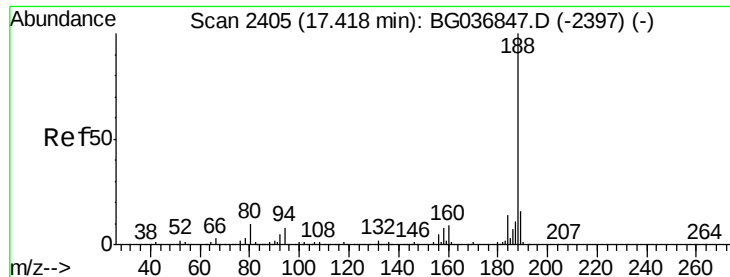
#56
2,4-Dinitrotoluene
Concen: 5.333 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.37 min
Lab File: BG037024.D
Acq: 27 Sep 2018 21:11

Tgt Ion:165 Resp: 13856
Ion Ratio Lower Upper
165 100
63 0.0 40.1 60.1#
89 2.5 63.7 95.5#
182 0.0 2.5 3.7#



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

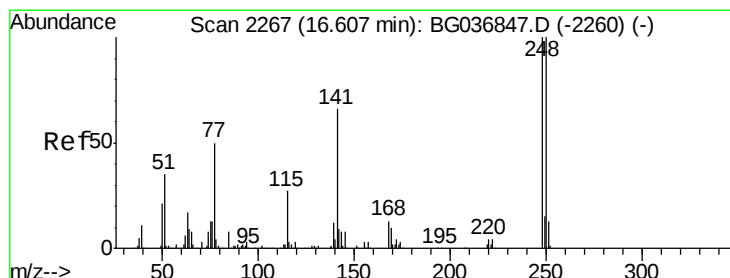
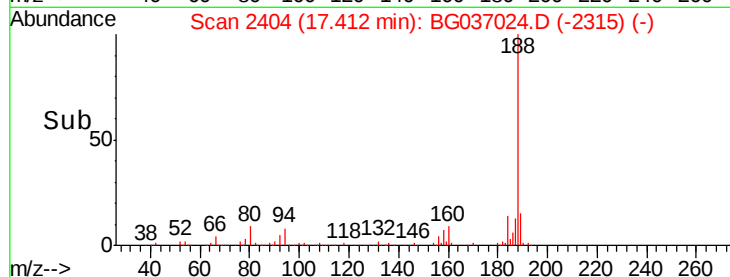
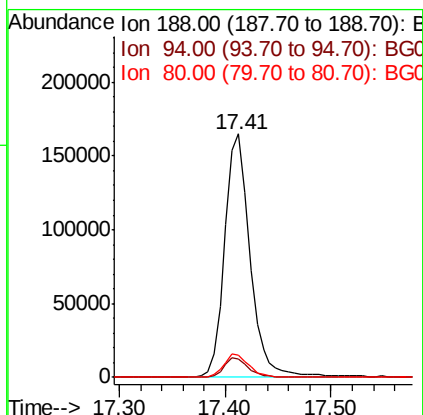
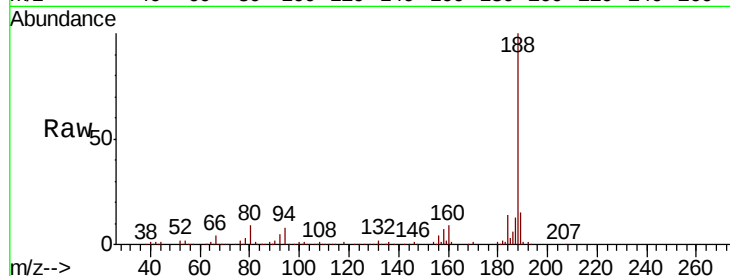




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG037024.D
Acq: 27 Sep 2018 21:11

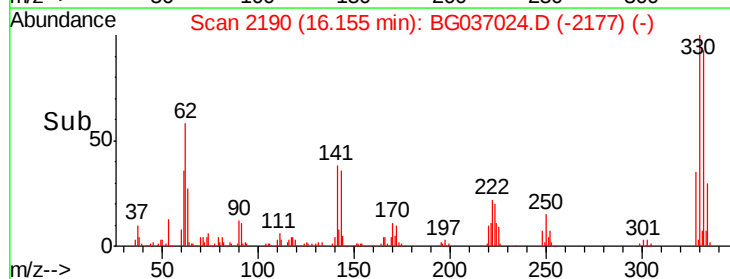
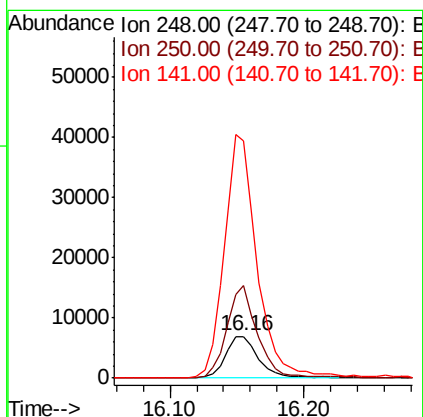
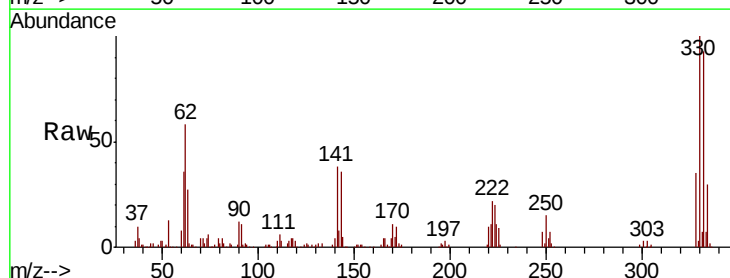
Instrument :
BNA_G
ClientSampleId :
TP-4

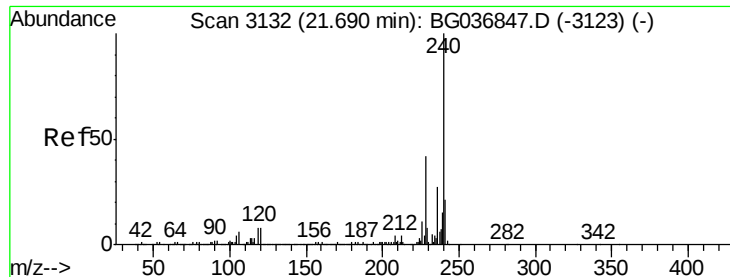
Tgt Ion:188 Resp: 274878
Ion Ratio Lower Upper
188 100
94 7.6 6.7 10.1
80 9.1 8.1 12.1



#66
4-Bromophenyl-phenylether
Concen: 3.840 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.45 min
Lab File: BG037024.D
Acq: 27 Sep 2018 21:11

Tgt Ion:248 Resp: 12007
Ion Ratio Lower Upper
248 100
250 222.9 78.1 117.1#
141 573.0 53.7 80.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG037024.D

Acq: 27 Sep 2018 21:11

Instrument :

BNA_G

ClientSampleId :

TP-4

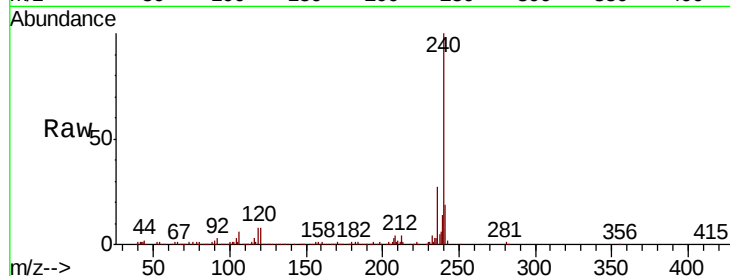
Tgt Ion:240 Resp: 286653

Ion Ratio Lower Upper

240 100

120 7.9 6.9 10.3

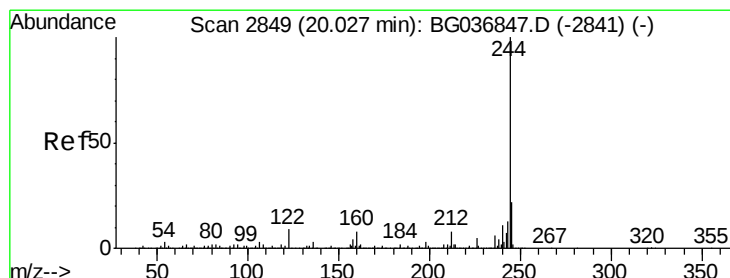
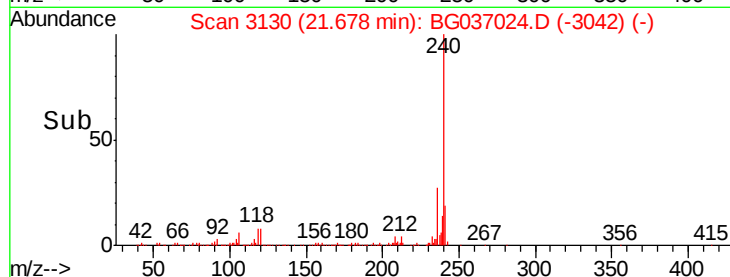
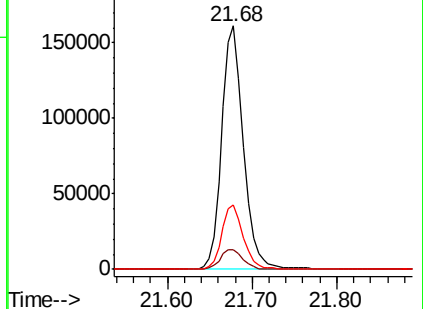
236 26.5 21.2 31.8



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



#78

Terphenyl-d14

Concen: 89.570 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037024.D

Acq: 27 Sep 2018 21:11

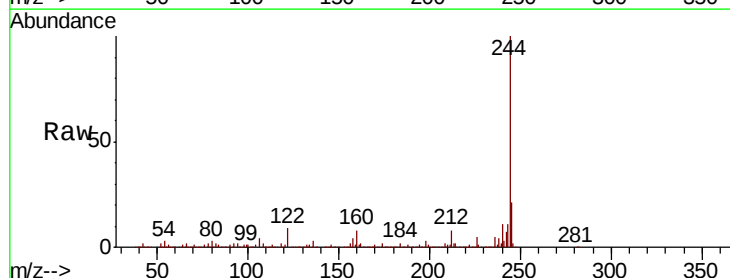
Tgt Ion:244 Resp: 976449

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

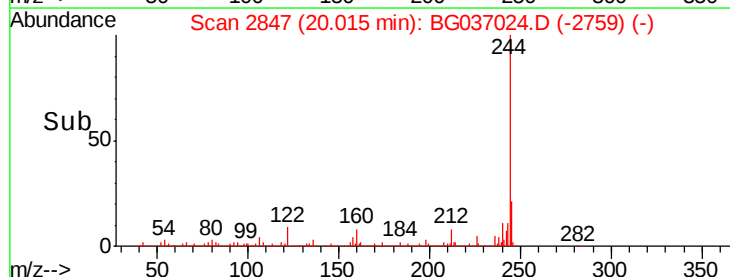
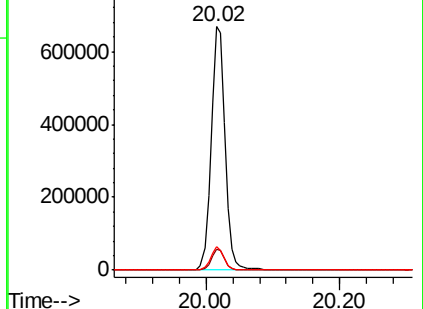
122 9.5 7.1 10.7

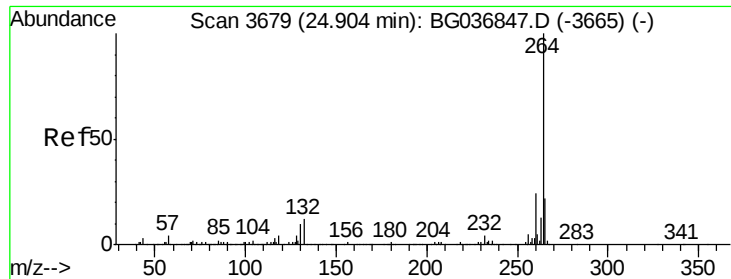


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3675
 Delta R.T. -0.02 min
 Lab File: BG037024.D
 Acq: 27 Sep 2018 21:11

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Tgt Ion:	264	Resp:	288788
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.6	29.4
265	22.5	17.4	26.0

