

Data File : BG037819.D
Acq On : 6 Nov 2018 1:35
Operator : JU/SJ
Sample : J5812-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP3-A

Quant Time: Nov 06 04:20:49 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	57020	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	263240	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	171942	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	371364	20.00	ng	0.00
76) Chrysene-d12	21.76	240	325986	20.00	ng	-0.01
87) Perylene-d12	25.09	264	308799	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	340965	99.97	ng	0.00
7) Phenol-d6	7.24	99	508382	98.58	ng	0.00
23) Nitrobenzene-d5	9.27	82	301847	64.23	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	162895	86.86	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	705339	61.86	ng	-0.01
79) Terphenyl-d14	20.07	244	928240	60.84	ng	-0.01

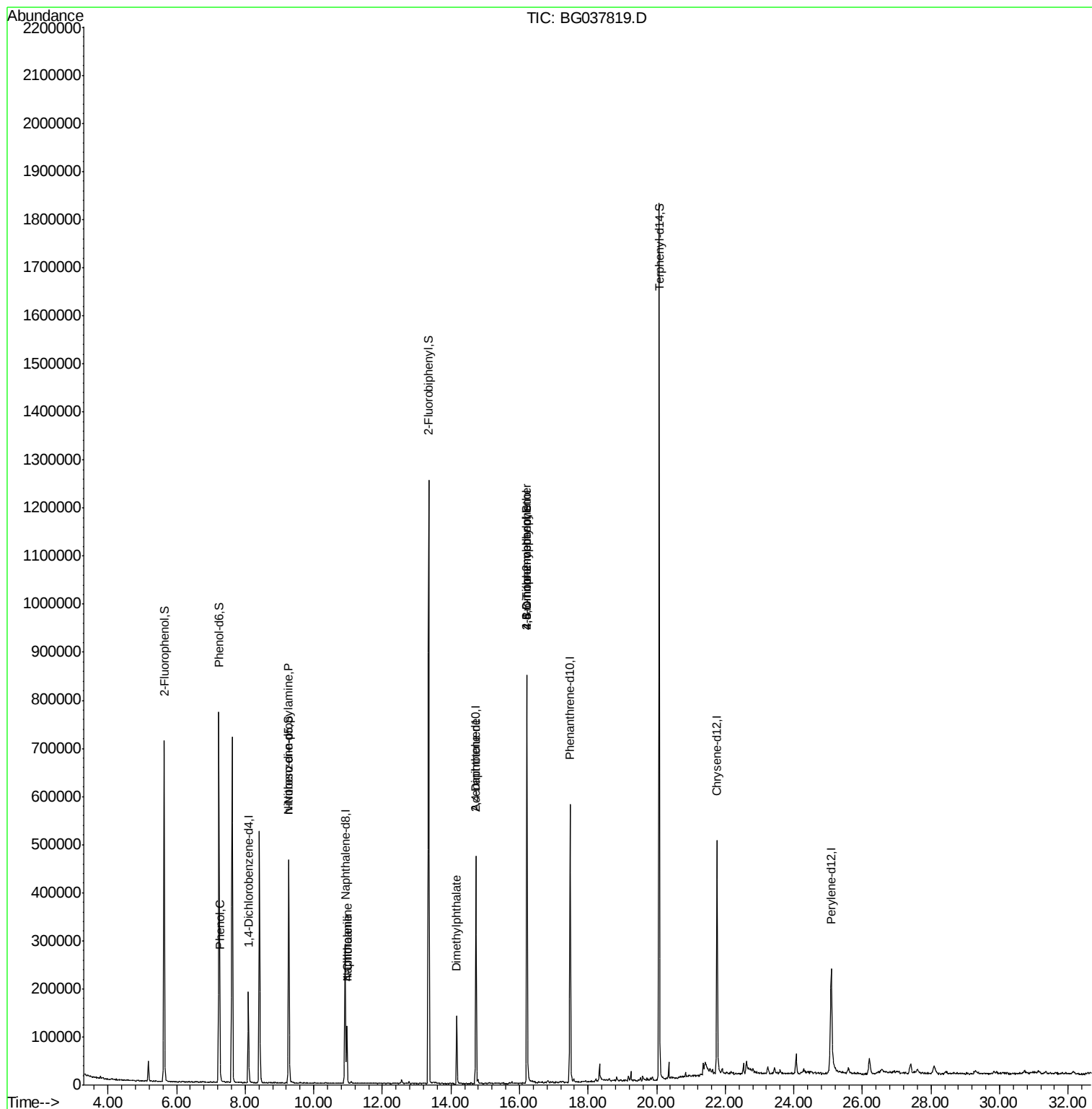
Target Compounds				Qvalue		
10) Phenol	7.27	94	24516	4.505	ng	96
19) n-Nitroso-di-n-propylamine	9.27	70	36643	10.318	ng	# 71
31) Naphthalene	10.97	128	107329	8.301	ng	98
33) 4-Chloroaniline	10.97	127	14885	2.450	ng	# 41
50) Dimethylphthalate	14.17	163	103079	7.749	ng	98
57) 2,4-Dinitrotoluene	14.73	165	22388	5.796	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.21	198	400	8.676	ng	95
67) 4-Bromophenyl-phenylether	16.22	248	11658	2.859	ng	# 1

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

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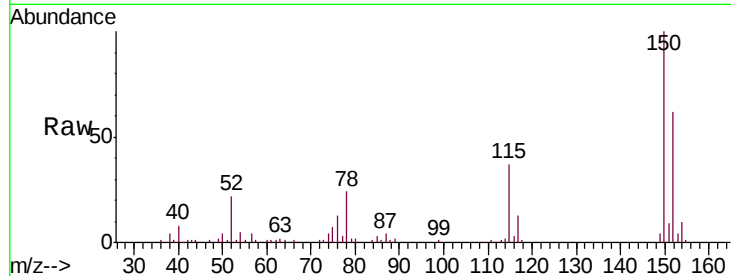


#1

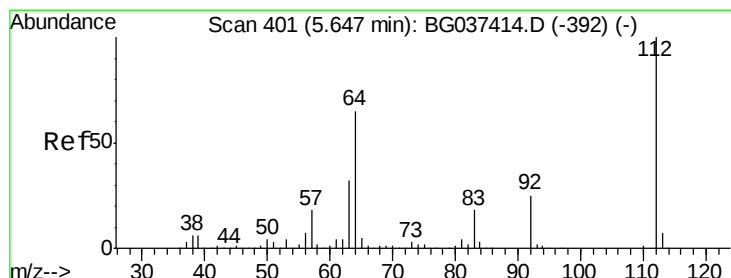
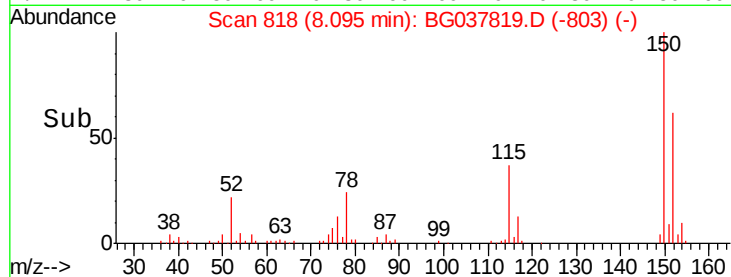
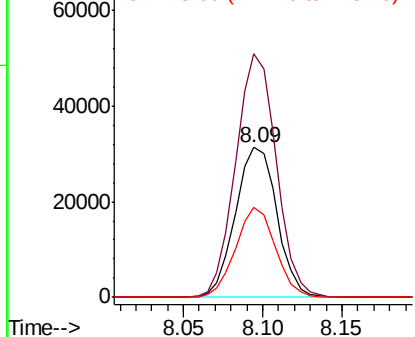
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037819.D
Acq: 6 Nov 2018 1:35

Instrument :
BNA_G
ClientSampleId :
TP3-A

Tgt Ion:152 Resp: 57020
Ion Ratio Lower Upper
152 100
150 162.4 126.0 189.0
115 59.8 45.5 68.3



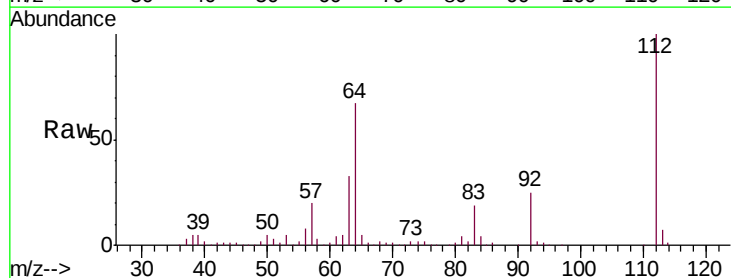
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



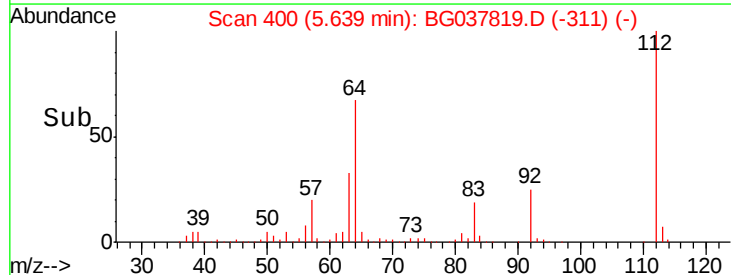
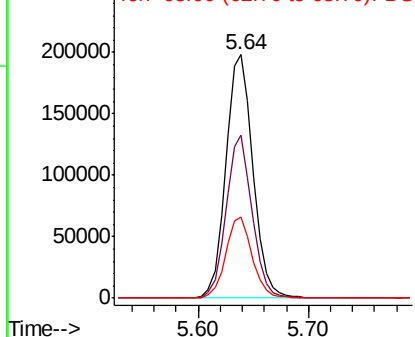
#5

2-Fluorophenol
Concen: 99.973 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037819.D
Acq: 6 Nov 2018 1:35

Tgt Ion:112 Resp: 340965
Ion Ratio Lower Upper
112 100
64 66.7 53.1 79.7
63 33.5 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: 98.577 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037819.D

Acq: 6 Nov 2018 1:35

Instrument :

BNA_G

ClientSampleId :

TP3-A

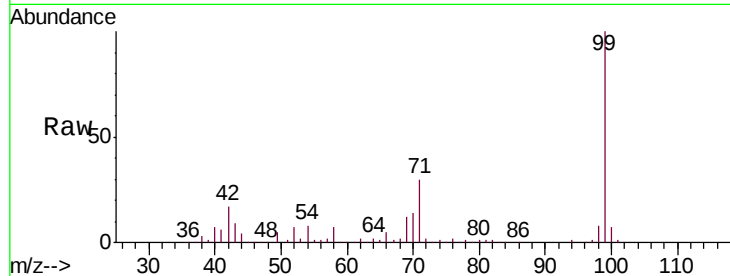
Tgt Ion: 99 Resp: 508382

Ion Ratio Lower Upper

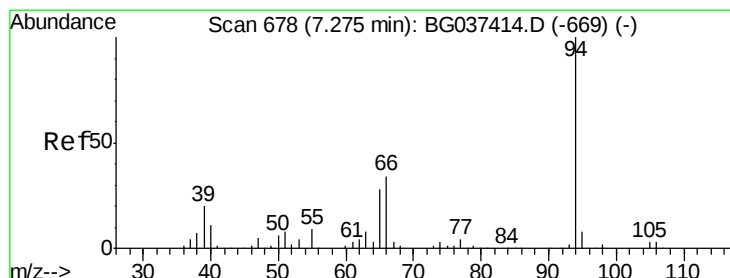
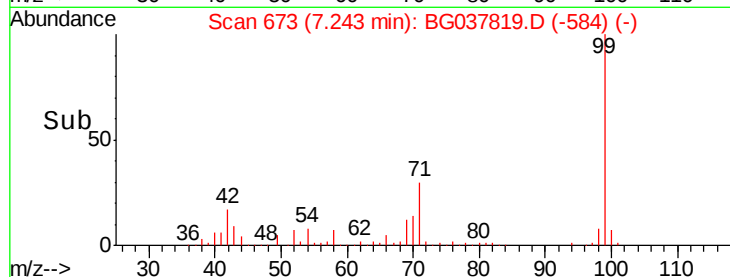
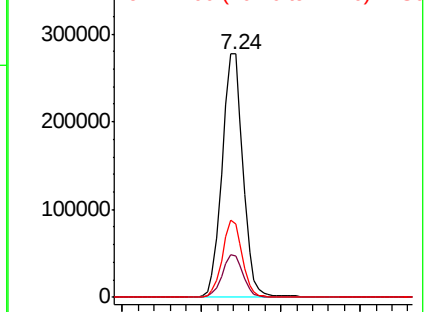
99 100

42 16.8 15.0 22.4

71 30.2 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



#10

Phenol

Concen: 4.505 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037819.D

Acq: 6 Nov 2018 1:35

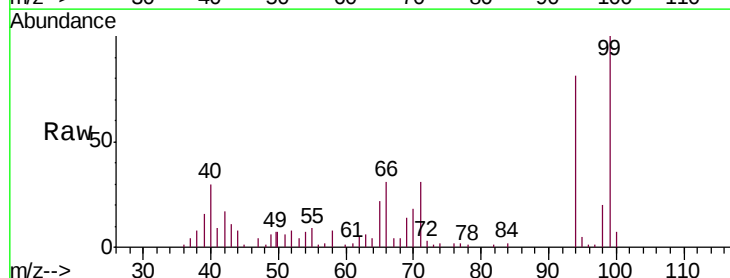
Tgt Ion: 94 Resp: 24516

Ion Ratio Lower Upper

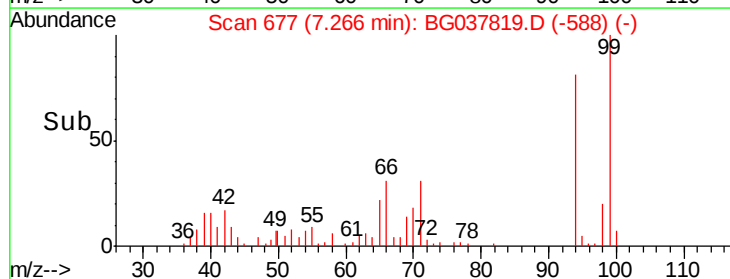
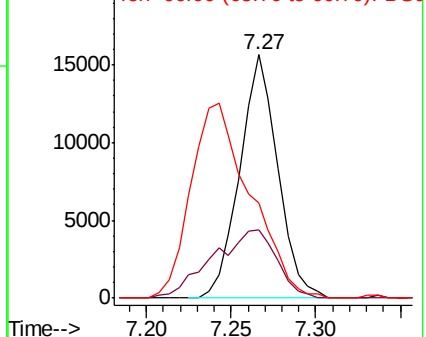
94 100

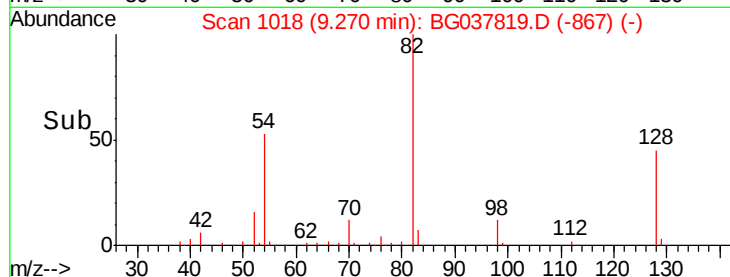
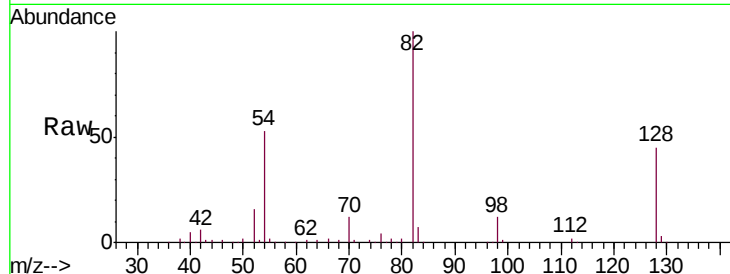
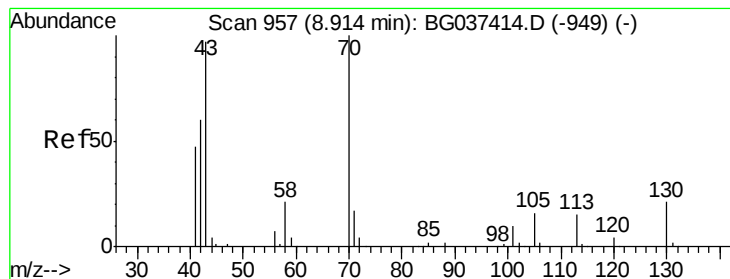
65 27.9 9.7 49.7

66 38.9 15.9 55.9



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: 10.318 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.36 min

Lab File: BG037819.D

Acq: 6 Nov 2018 1:35

Instrument :

BNA_G

ClientSampleId :

TP3-A

Tgt Ion: 70 Resp: 36643

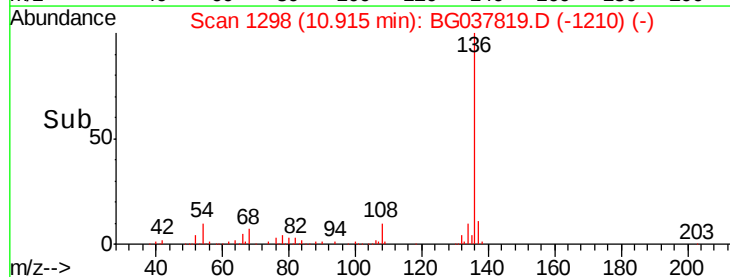
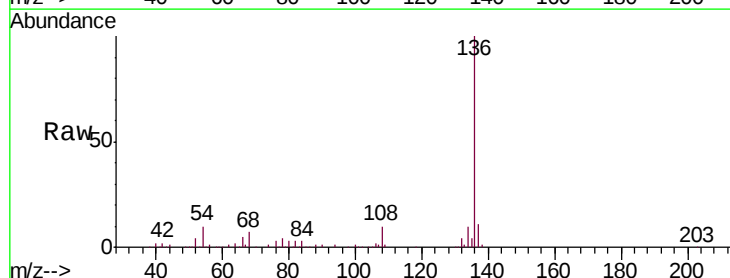
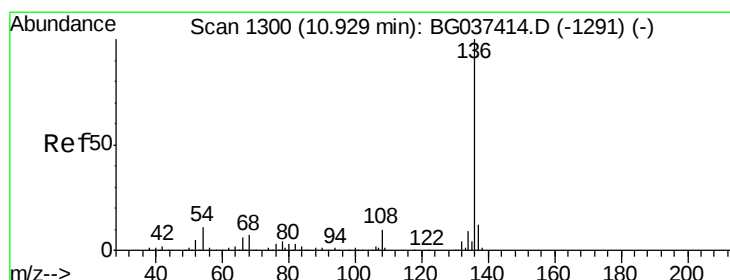
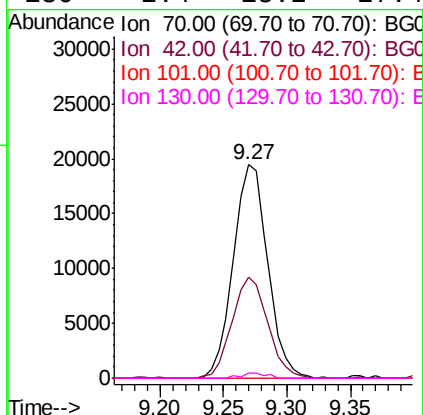
Ion Ratio Lower Upper

70 100

42 47.6 53.9 80.9#

101 0.0 8.2 12.2#

130 2.4 18.2 27.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG037819.D

Acq: 6 Nov 2018 1:35

Tgt Ion: 136 Resp: 263240

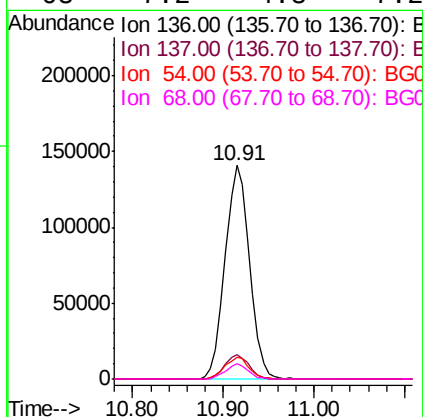
Ion Ratio Lower Upper

136 100

137 11.3 9.6 14.4

54 10.4 7.9 11.9

68 7.2 4.8 7.2

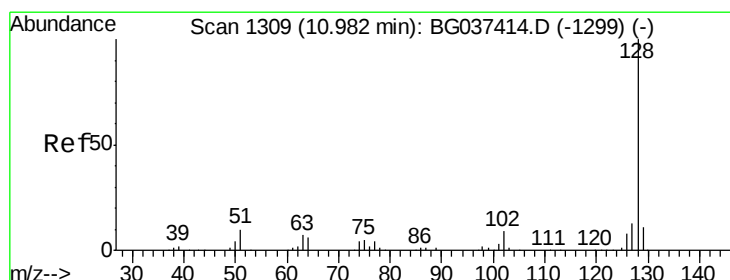
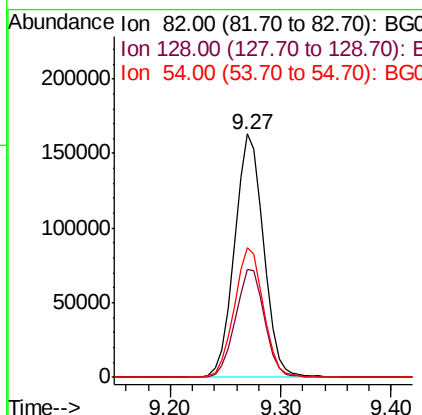
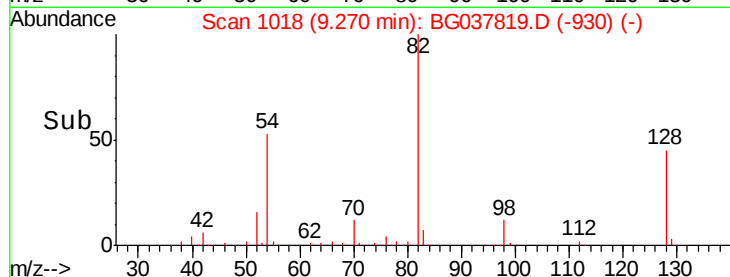
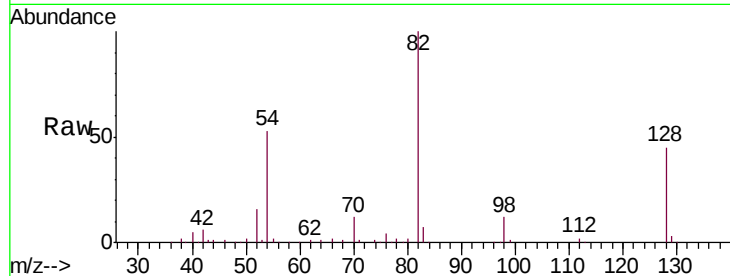




#23
Nitrobenzene-d5
Concen: 64.235 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037819.D
Acq: 6 Nov 2018 1:35

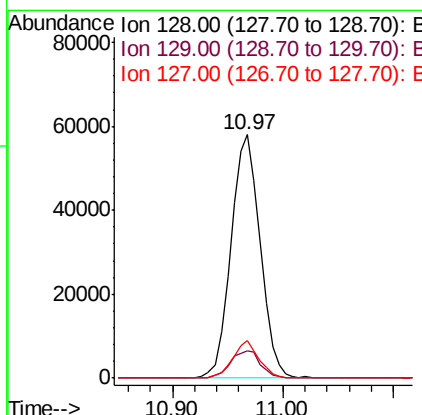
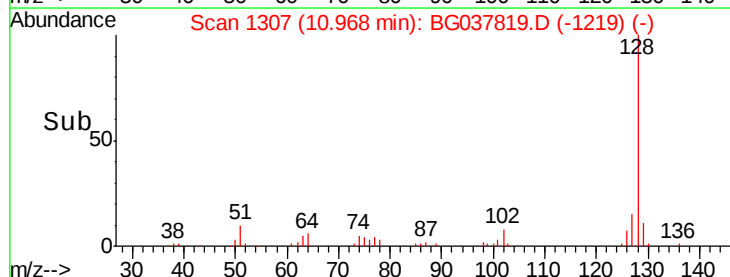
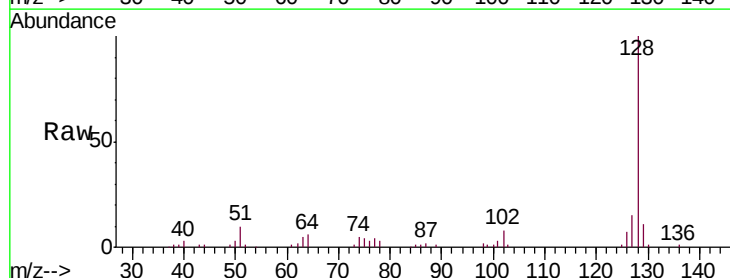
Instrument :
BNA_G
ClientSampled :
TP3-A

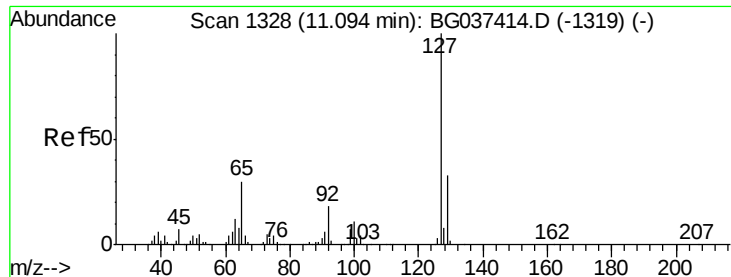
Tgt Ion: 82 Resp: 301847
Ion Ratio Lower Upper
82 100
128 44.6 34.6 51.8
54 53.2 45.3 67.9



#31
Naphthalene
Concen: 8.301 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BG037819.D
Acq: 6 Nov 2018 1:35

Tgt Ion: 128 Resp: 107329
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 15.4 11.1 16.7

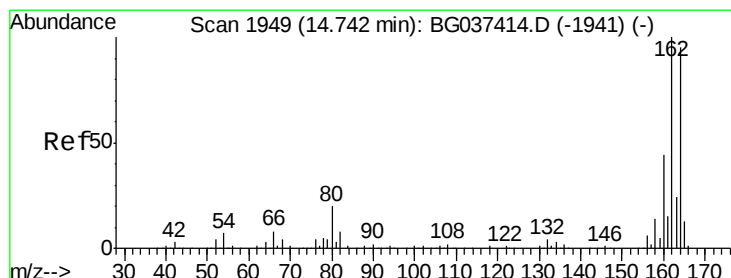
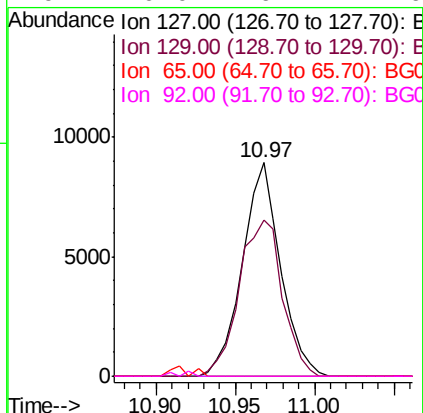
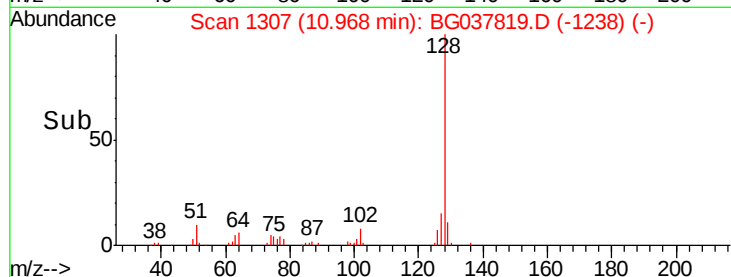
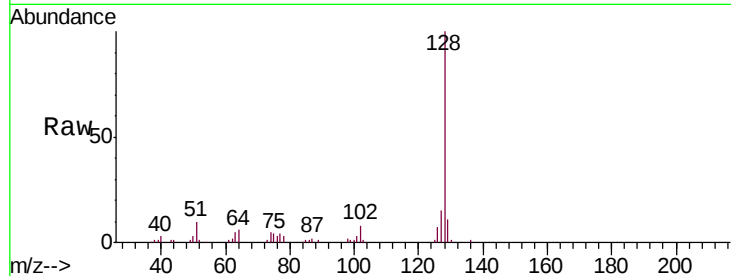




#33
4-Chloroaniline
Concen: 2.450 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.13 min
Lab File: BG037819.D
Acq: 6 Nov 2018 1:35

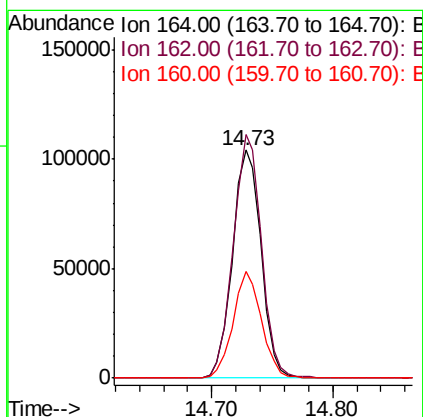
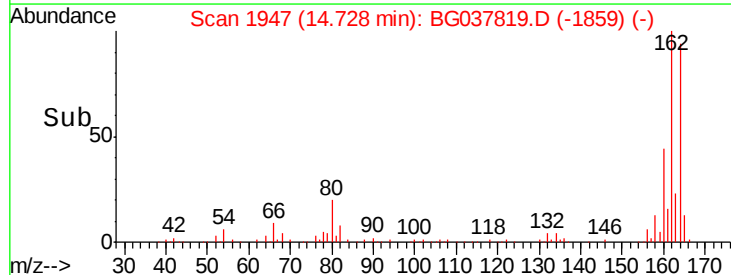
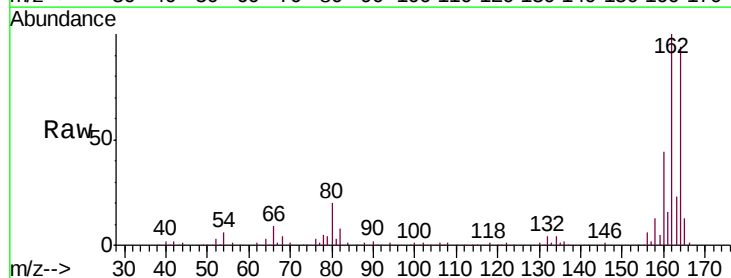
Instrument :
BNA_G
ClientSampleId :
TP3-A

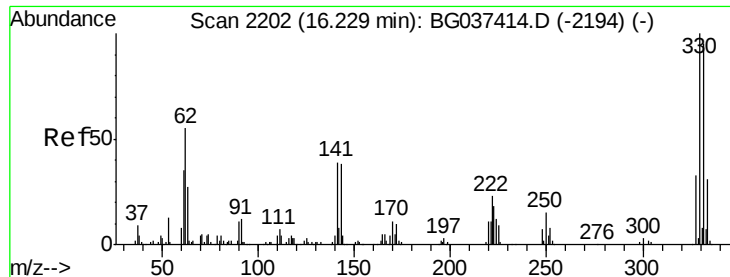
Tgt Ion:	127	Resp:	14885
Ion	Ratio	Lower	Upper
127	100		
129	73.0	27.1	40.7#
65	0.0	26.6	39.8#
92	0.0	16.4	24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG037819.D
Acq: 6 Nov 2018 1:35

Tgt Ion:	164	Resp:	171942
Ion	Ratio	Lower	Upper
164	100		
162	106.7	81.3	121.9
160	47.0	36.3	54.5

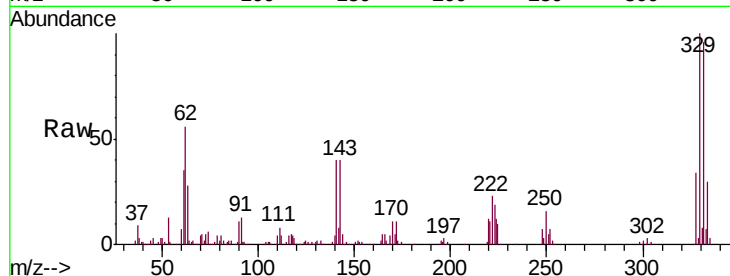




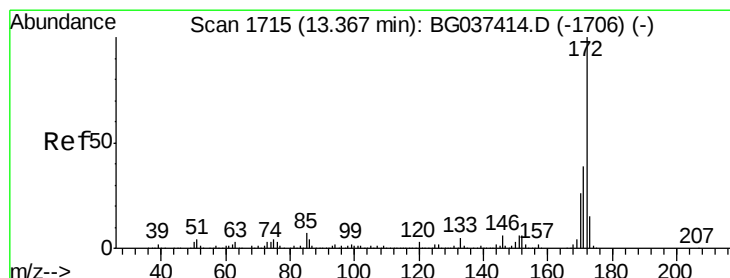
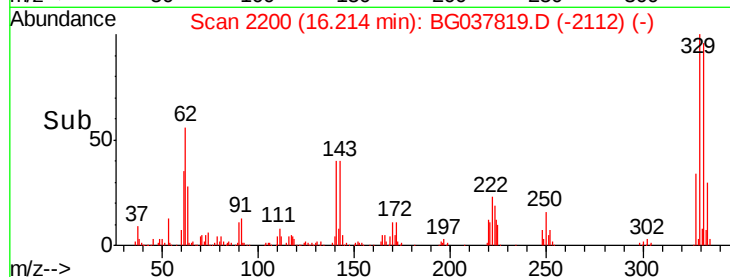
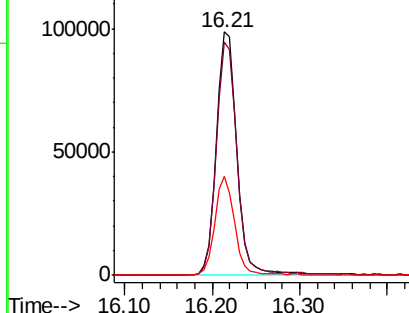
#42
 2,4,6-Tribromophenol
 Concen: 86.861 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG037819.D
 Acq: 6 Nov 2018 1:35

Instrument :
 BNA_G
 ClientSampleId :
 TP3-A

Tgt Ion:330 Resp: 162895
 Ion Ratio Lower Upper
 330 100
 332 95.8 78.4 117.6
 141 38.5 32.2 48.2

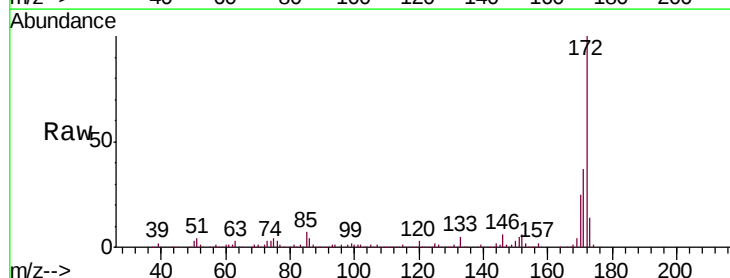


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

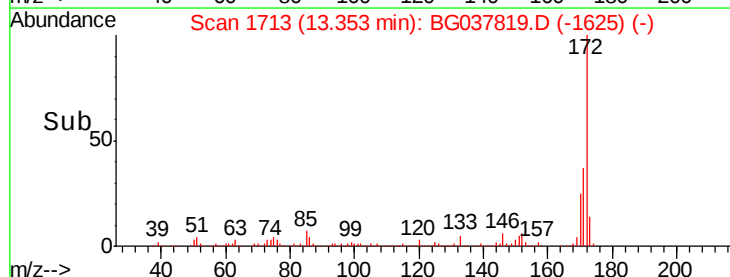
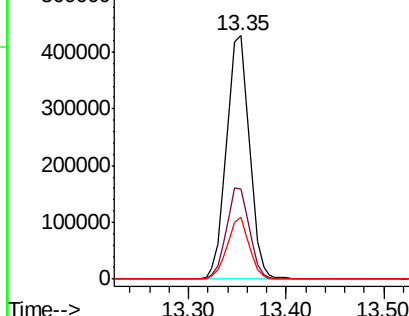


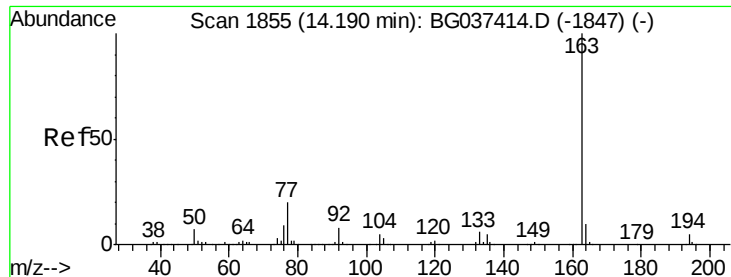
#45
 2-Fluorobiphenyl
 Concen: 61.859 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037819.D
 Acq: 6 Nov 2018 1:35

Tgt Ion:172 Resp: 705339
 Ion Ratio Lower Upper
 172 100
 171 36.8 31.0 46.4
 170 25.3 20.2 30.2



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





#50

Dimethylphthalate

Concen: 7.749 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BG037819.D

Acq: 6 Nov 2018 1:35

Instrument :

BNA_G

ClientSampleId :

TP3-A

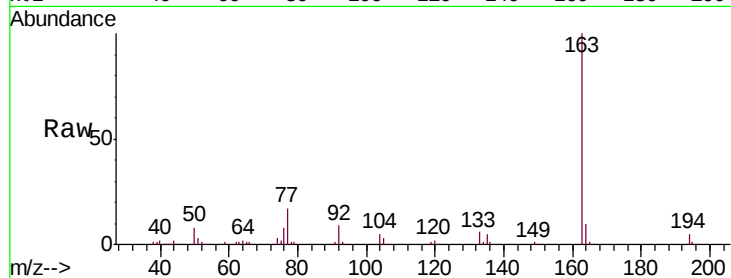
Tgt Ion:163 Resp: 103079

Ion Ratio Lower Upper

163 100

194 5.0 3.5 5.3

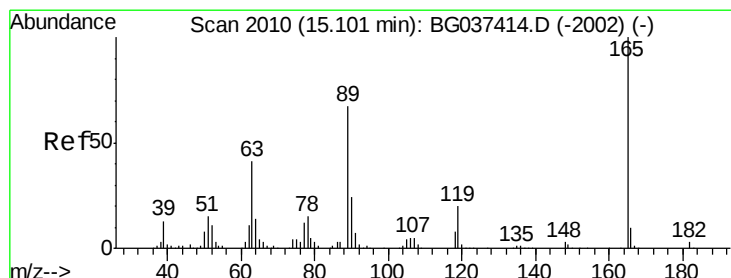
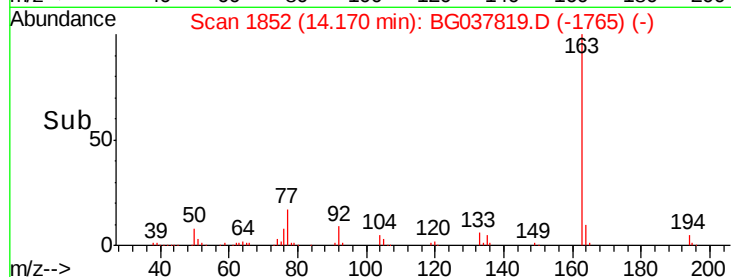
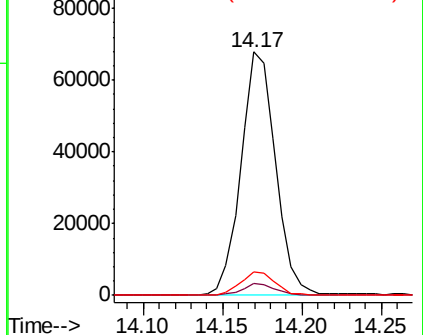
164 9.7 8.5 12.7



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



#57

2,4-Dinitrotoluene

Concen: 5.796 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.37 min

Lab File: BG037819.D

Acq: 6 Nov 2018 1:35

Tgt Ion:165 Resp: 22388

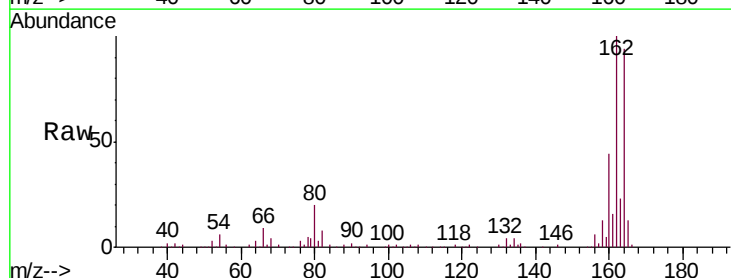
Ion Ratio Lower Upper

165 100

63 0.0 33.4 50.0#

89 0.0 57.2 85.8#

182 0.0 2.6 4.0#

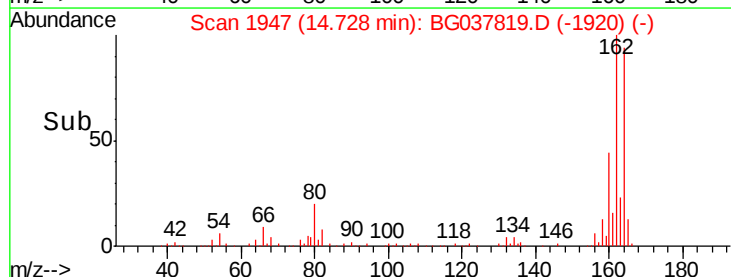
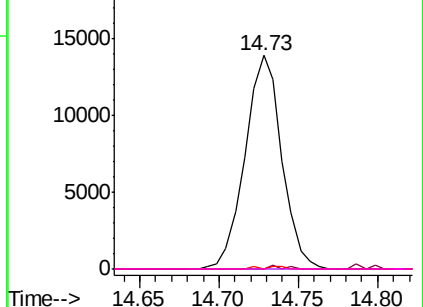


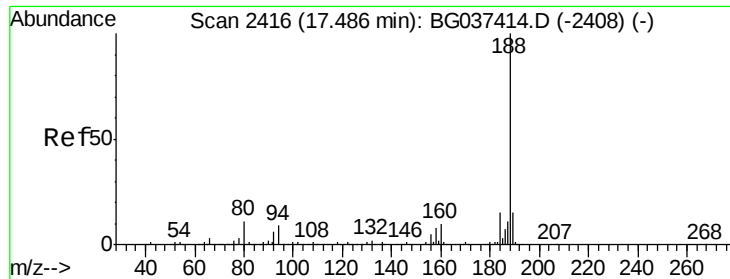
Abundance Ion 165.00 (164.70 to 165.70): E

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

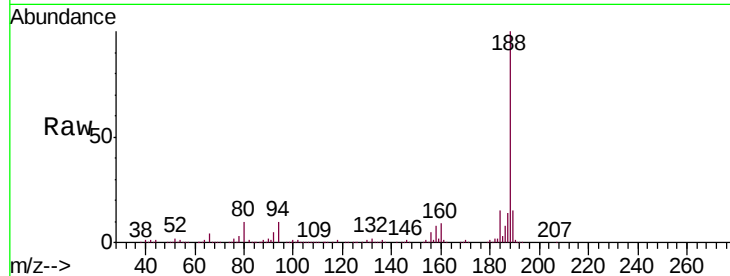




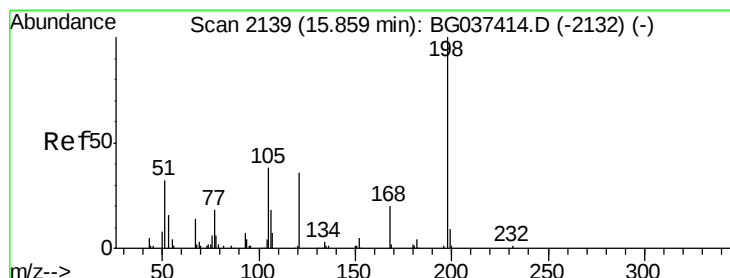
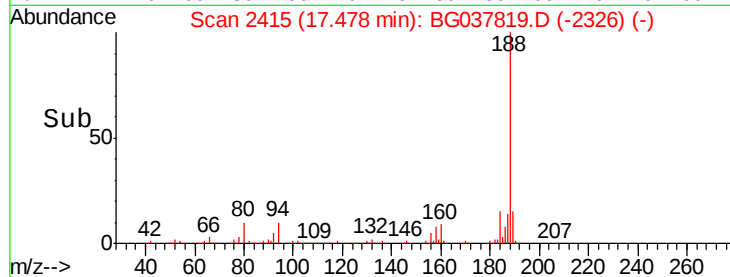
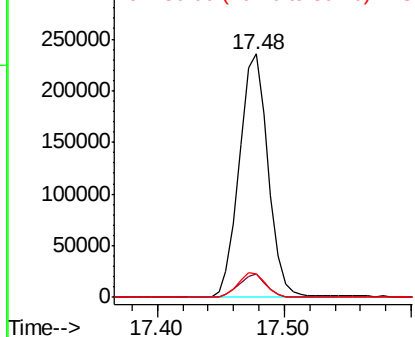
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037819.D
 Acq: 6 Nov 2018 1:35

Instrument :
 BNA_G
 ClientSampleId :
 TP3-A

Tgt Ion:188 Resp: 371364
 Ion Ratio Lower Upper
 188 100
 94 9.6 7.2 10.8
 80 9.6 7.7 11.5

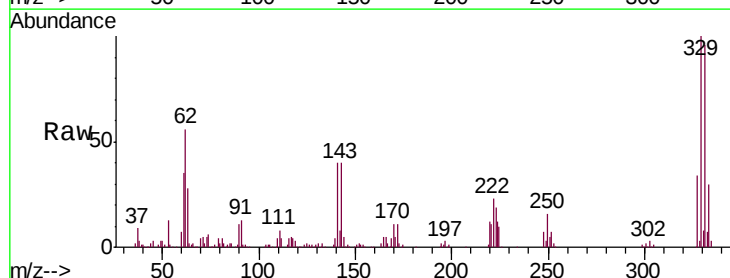


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

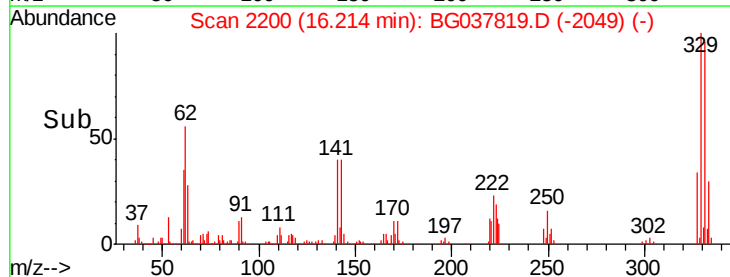
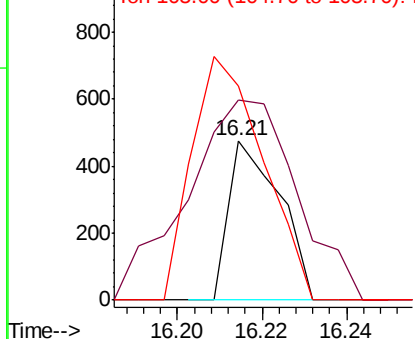


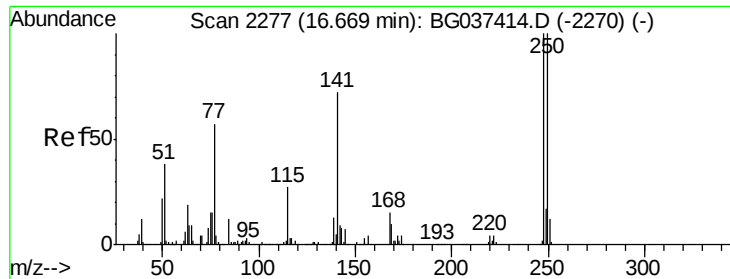
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.676 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. 0.36 min
 Lab File: BG037819.D
 Acq: 6 Nov 2018 1:35

Tgt Ion:198 Resp: 400
 Ion Ratio Lower Upper
 198 100
 51 39.4 22.7 62.7
 105 42.3 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

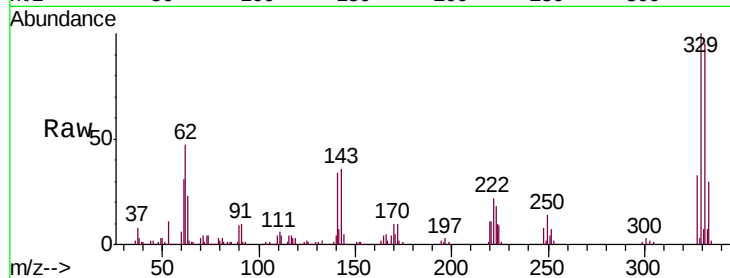




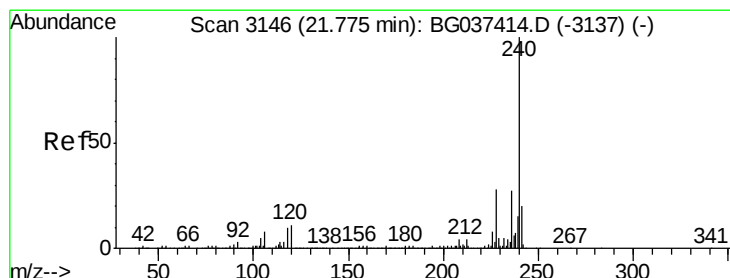
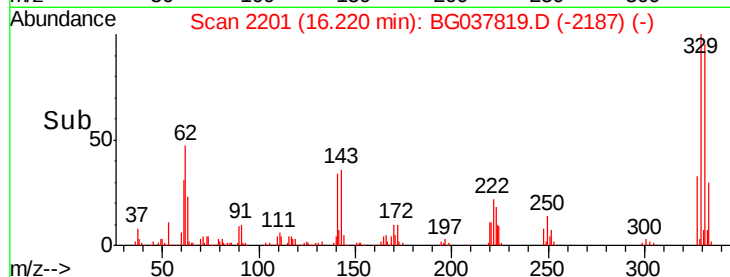
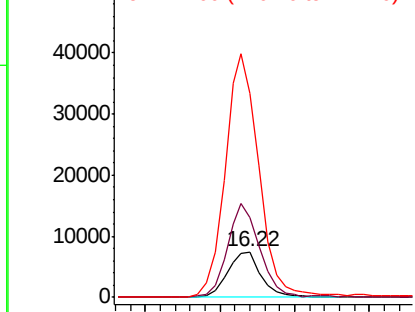
#67
4-Bromophenyl-phenylether
Concen: 2.859 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.45 min
Lab File: BG037819.D
Acq: 6 Nov 2018 1:35

Instrument :
BNA_G
ClientSampleId :
TP3-A

Tgt Ion:248 Resp: 11658
Ion Ratio Lower Upper
248 100
250 183.8 77.0 115.6#
141 352.3 55.5 83.3#

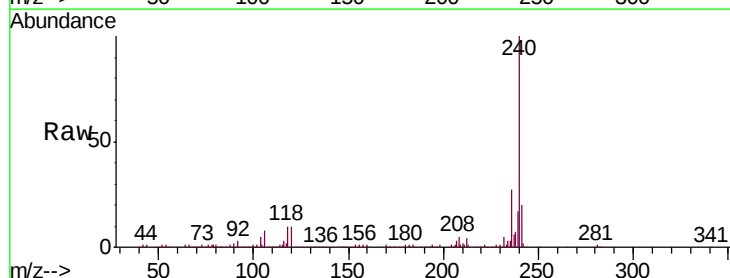


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

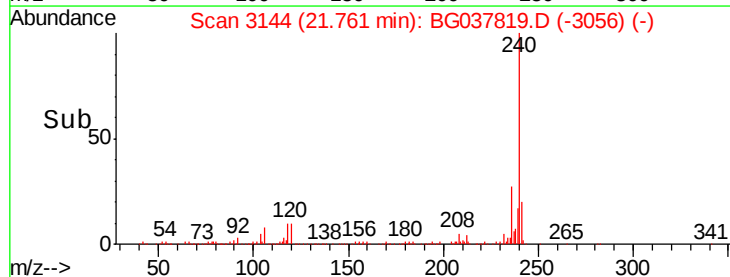
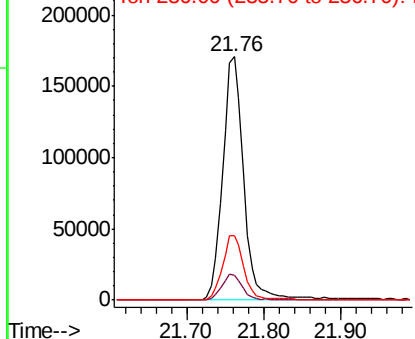


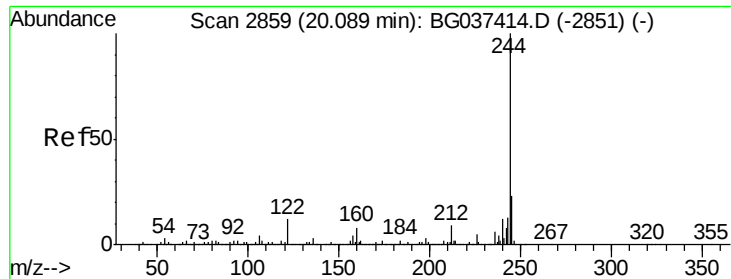
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037819.D
Acq: 6 Nov 2018 1:35

Tgt Ion:240 Resp: 325986
Ion Ratio Lower Upper
240 100
120 10.3 8.1 12.1
236 26.5 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: 60.844 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037819.D

Acq: 6 Nov 2018 1:35

Instrument :

BNA_G

ClientSampleId :

TP3-A

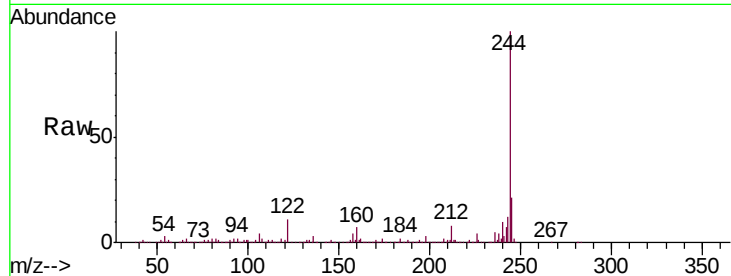
Tgt Ion:244 Resp: 928240

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

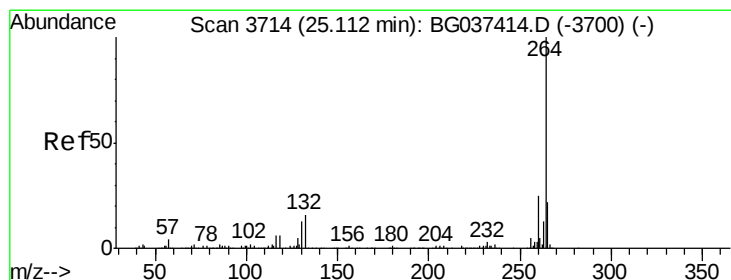
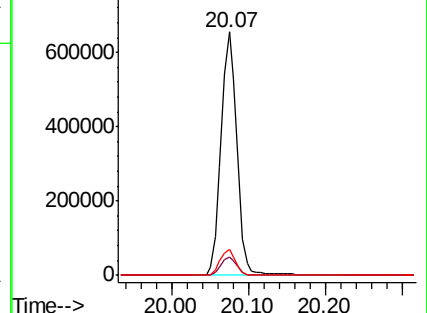
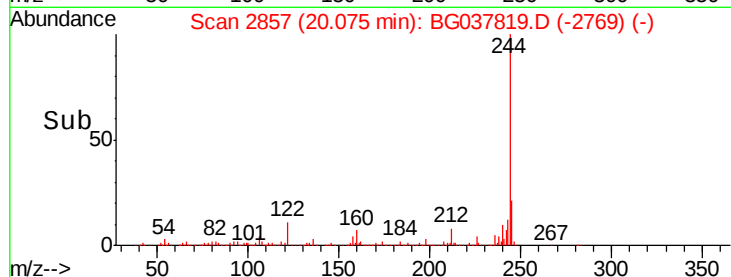
122 10.7 9.0 13.4



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. -0.03 min

Lab File: BG037819.D

Acq: 6 Nov 2018 1:35

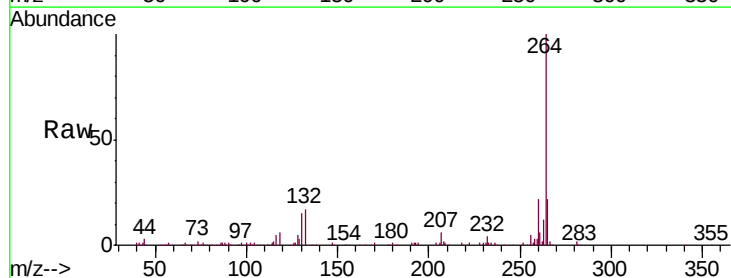
Tgt Ion:264 Resp: 308799

Ion Ratio Lower Upper

264 100

260 22.2 18.2 27.4

265 22.1 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

