

Data File : BG038810.D
Acq On : 22 Dec 2018 9:59
Operator : JU/SJ
Sample : J6446-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-SS023-0612-01

Quant Time: Dec 24 03:53:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	28086	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	120310	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	80121	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	180326	20.00	ng	0.00
76) Chrysene-d12	21.73	240	169585	20.00	ng	0.00
87) Perylene-d12	25.03	264	184590	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	243281	153.63	ng	0.01
7) Phenol-d6	7.22	99	353015	162.39	ng	0.02
23) Nitrobenzene-d5	9.24	82	220770	93.75	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	169362	153.38	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	448510	76.79	ng	0.00
79) Terphenyl-d14	20.04	244	597957	76.74	ng	0.00

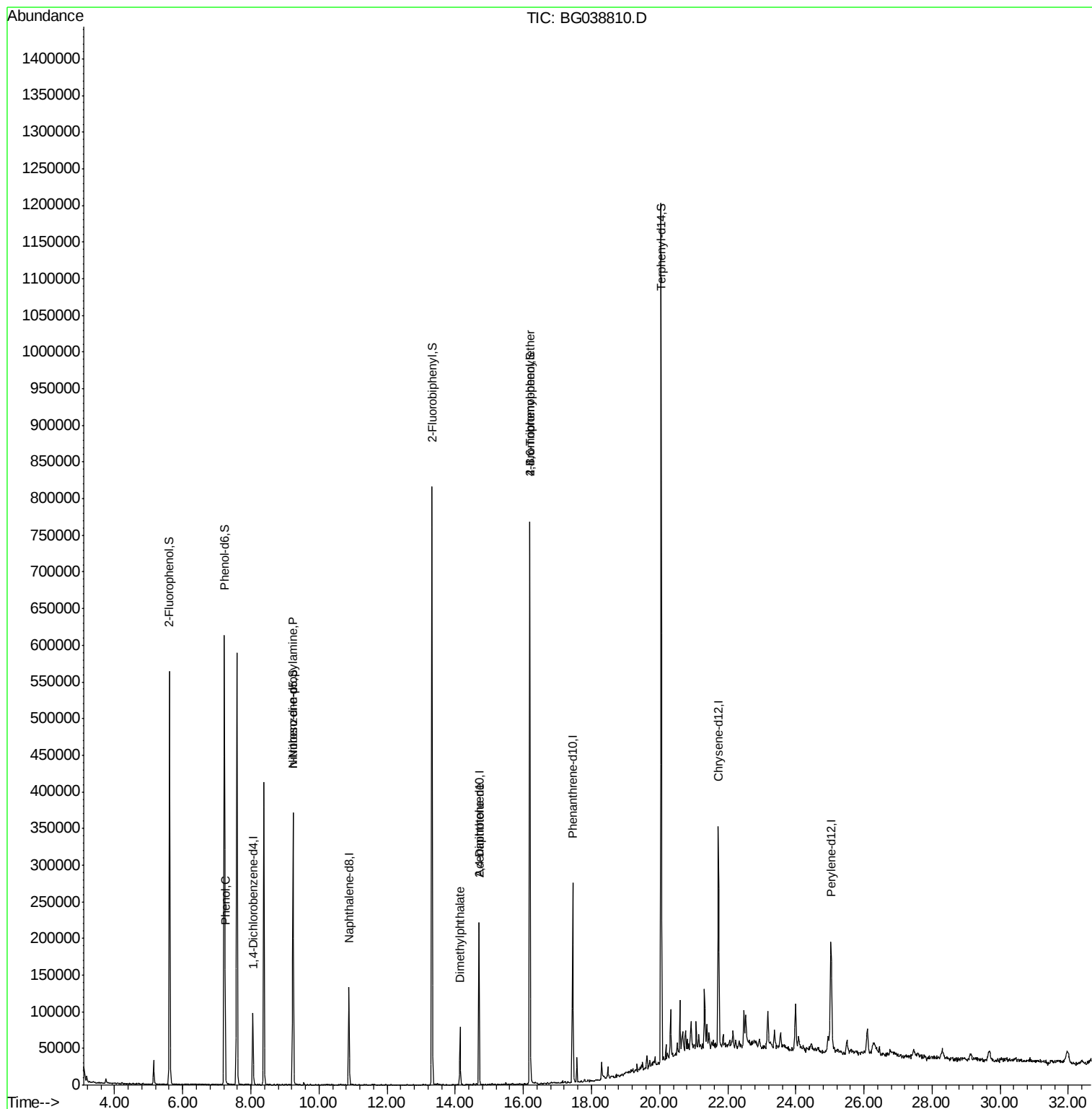
Target Compounds				Qvalue		
10) Phenol	7.25	94	14715	6.372	ng	90
19) n-Nitroso-di-n-propylamine	9.24	70	30239	19.806	ng	# 67
50) Dimethylphthalate	14.14	163	55113	8.423	ng	98
57) 2,4-Dinitrotoluene	14.70	165	10962	5.249	ng	# 23
67) 4-Bromophenyl-phenylether	16.19	248	10544	4.788	ng	# 1

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

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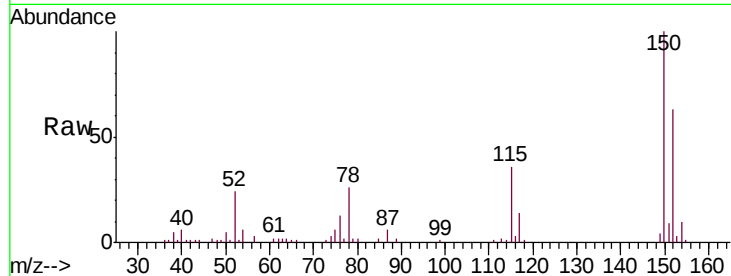




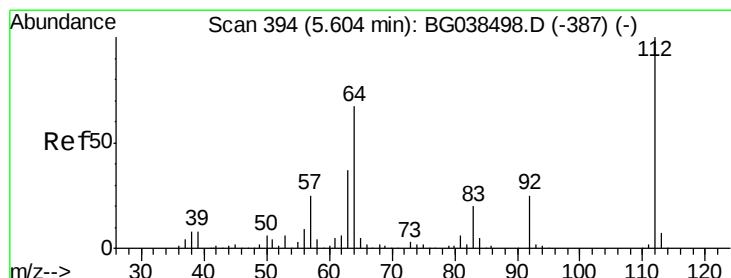
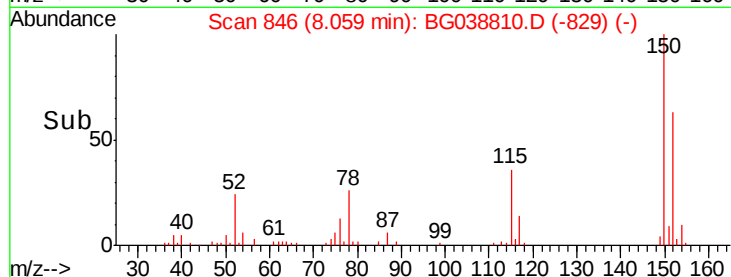
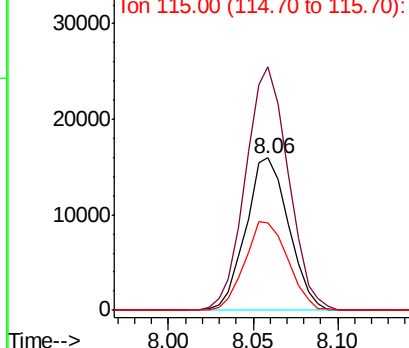
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG038810.D
 Acq: 22 Dec 2018 9:59

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS023-0612-01

Tgt Ion:152 Resp: 28086
 Ion Ratio Lower Upper
 152 100
 150 159.8 119.5 179.3
 115 57.0 49.6 74.4

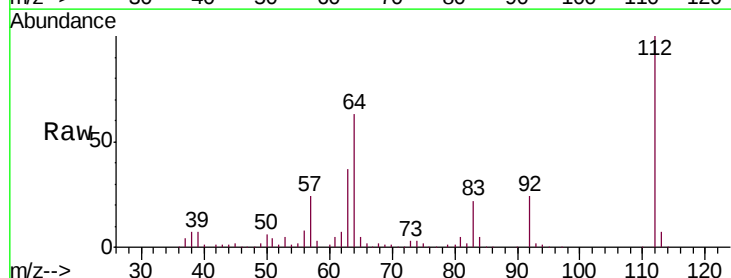


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

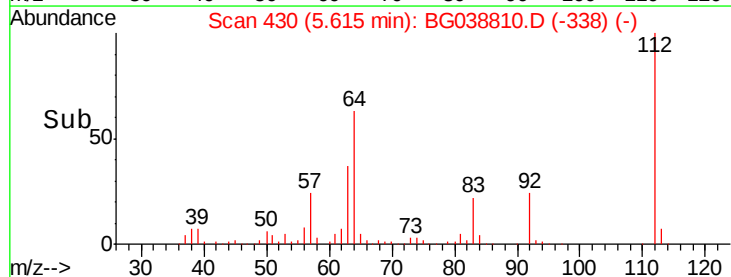
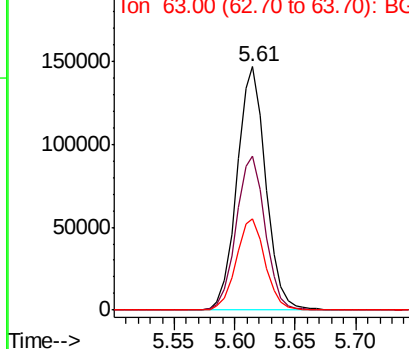


#5
 2-Fluorophenol
 Concen: 153.634 ng
 RT: 5.61 min Scan# 430
 Delta R.T. 0.01 min
 Lab File: BG038810.D
 Acq: 22 Dec 2018 9:59

Tgt Ion:112 Resp: 243281
 Ion Ratio Lower Upper
 112 100
 64 63.3 53.4 80.2
 63 37.3 29.3 43.9



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: 162.391 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.02 min

Lab File: BG038810.D

Acq: 22 Dec 2018 9:59

Instrument :

BNA_G

ClientSampleId :

P001-SS023-0612-01

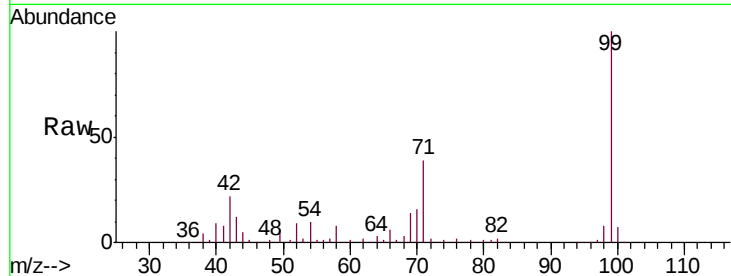
Tgt Ion: 99 Resp: 353015

Ion Ratio Lower Upper

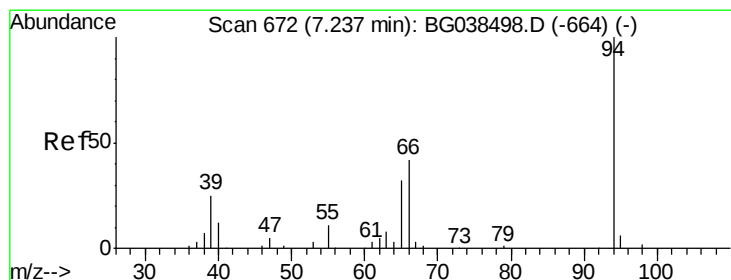
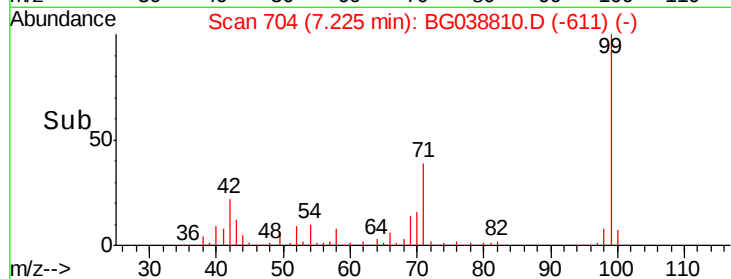
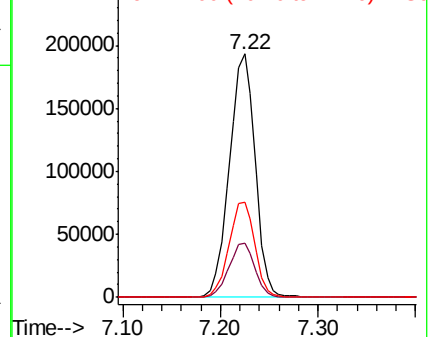
99 100

42 22.4 18.5 27.7

71 38.9 31.1 46.7



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: 6.372 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.01 min

Lab File: BG038810.D

Acq: 22 Dec 2018 9:59

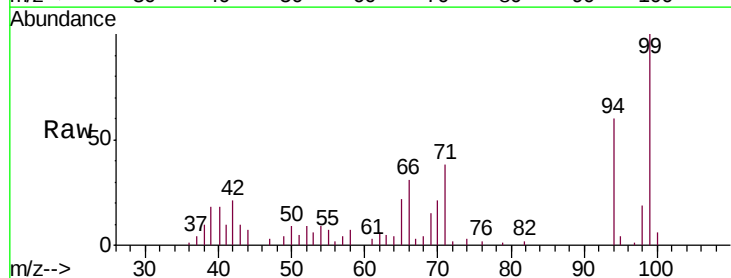
Tgt Ion: 94 Resp: 14715

Ion Ratio Lower Upper

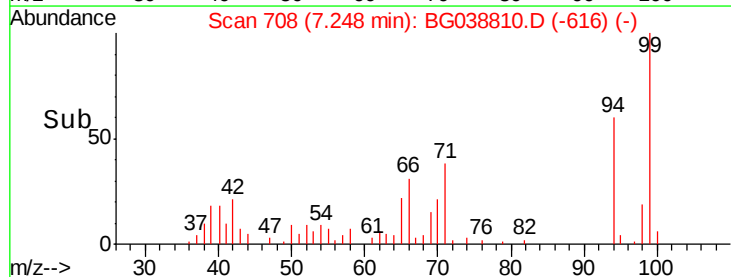
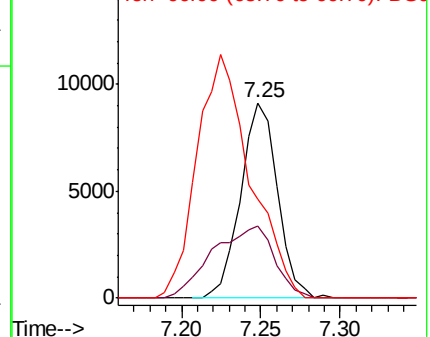
94 100

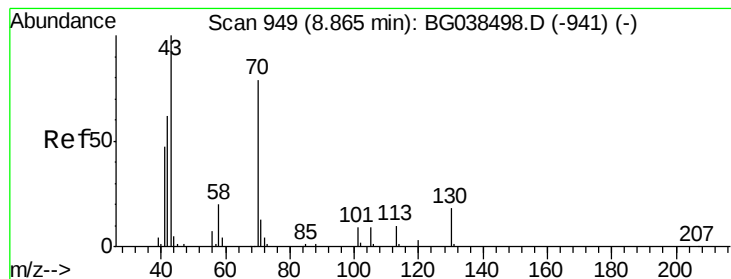
65 37.2 12.6 52.6

66 51.0 24.1 64.1



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: 19.806 ng

RT: 9.24 min Scan# 1047

Delta R.T. 0.38 min

Lab File: BG038810.D

Acq: 22 Dec 2018 9:59

Instrument :

BNA_G

ClientSampleId :

P001-SS023-0612-01

Tgt Ion: 70 Resp: 30239

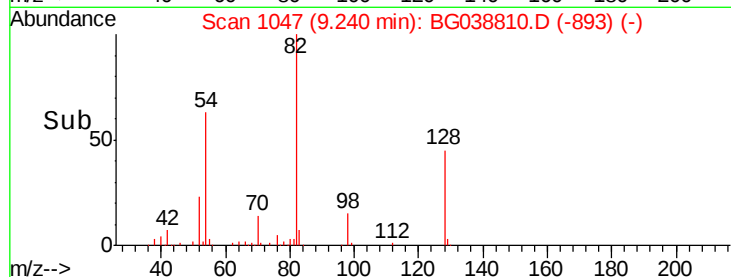
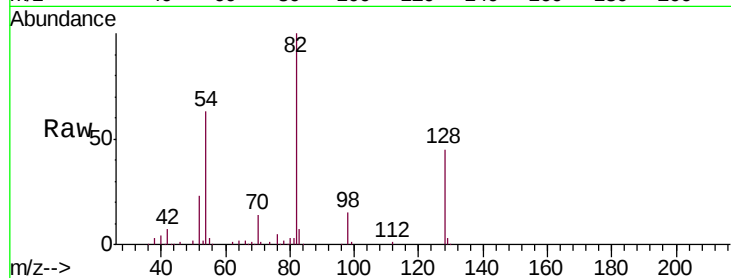
Ion Ratio Lower Upper

70 100

42 53.0 63.6 95.4#

101 0.0 9.2 13.8#

130 1.9 18.5 27.7#



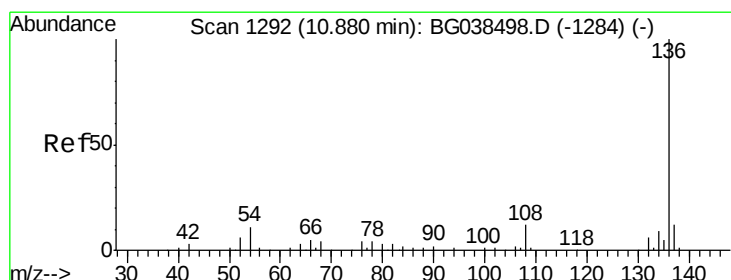
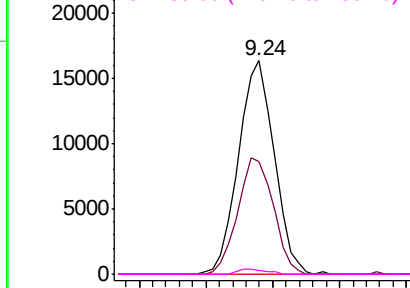
Abundance

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: 10.88 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BG038810.D

Acq: 22 Dec 2018 9:59

Tgt Ion: 136 Resp: 120310

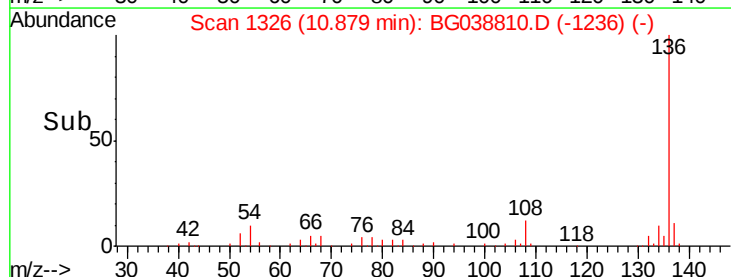
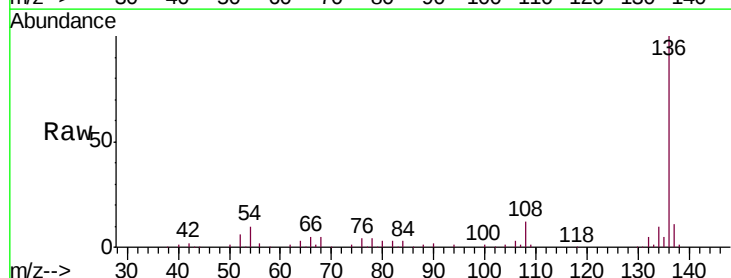
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 10.2 8.5 12.7

68 4.6 3.5 5.3



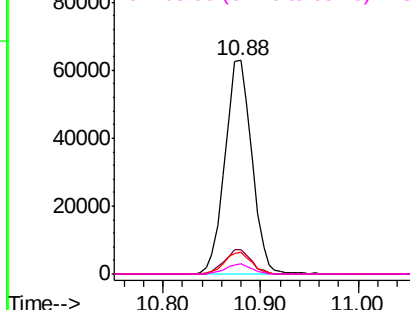
Abundance

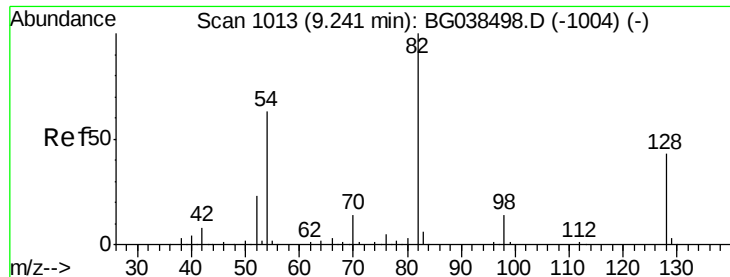
Ion 136.00 (135.70 to 136.70): BGC

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

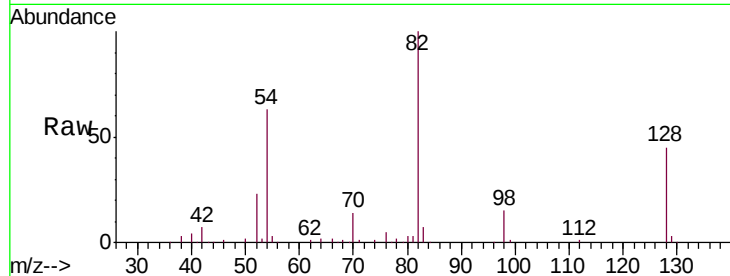




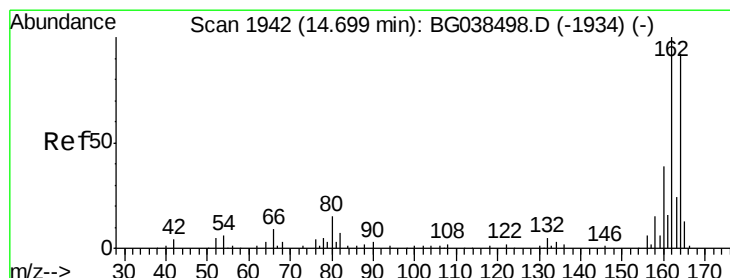
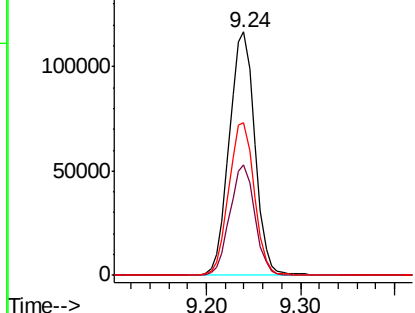
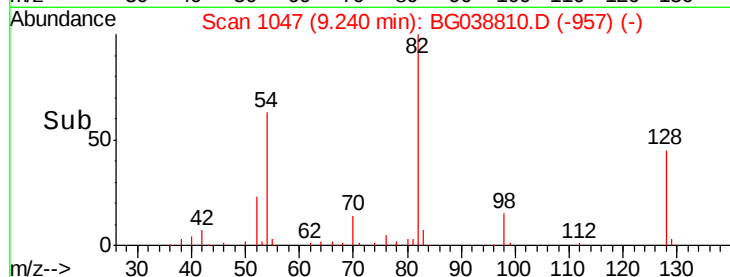
#23
Nitrobenzene-d5
Concen: 93.745 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038810.D
Acq: 22 Dec 2018 9:59

Instrument :
BNA_G
ClientSampleId :
P001-SS023-0612-01

Tgt Ion: 82 Resp: 220770
Ion Ratio Lower Upper
82 100
128 45.2 34.6 52.0
54 62.9 50.6 76.0

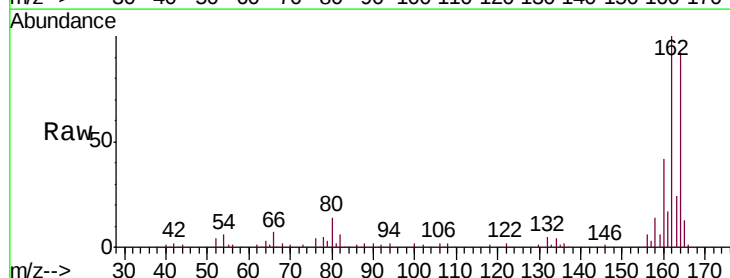


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

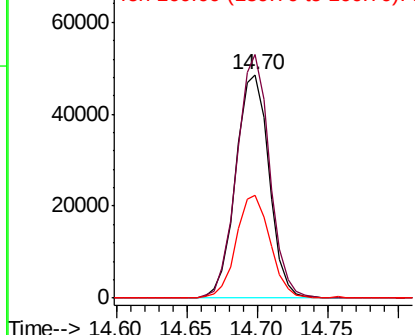
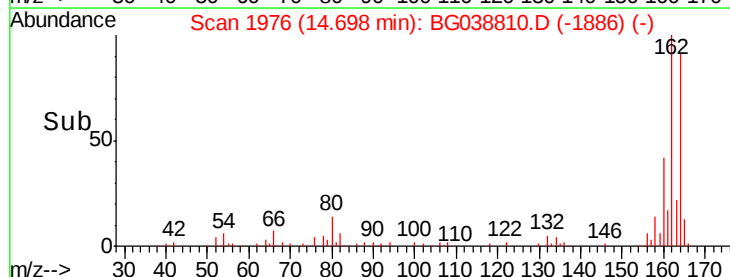


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038810.D
Acq: 22 Dec 2018 9:59

Tgt Ion: 164 Resp: 80121
Ion Ratio Lower Upper
164 100
162 109.0 86.6 130.0
160 46.2 34.2 51.2



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

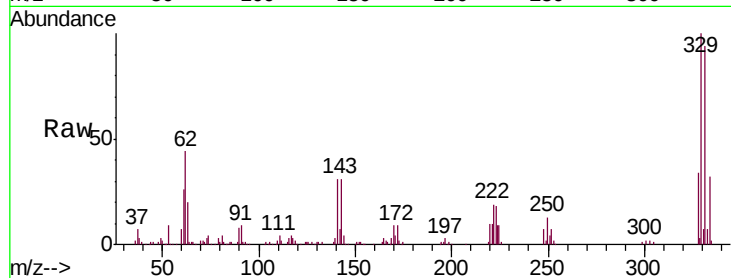




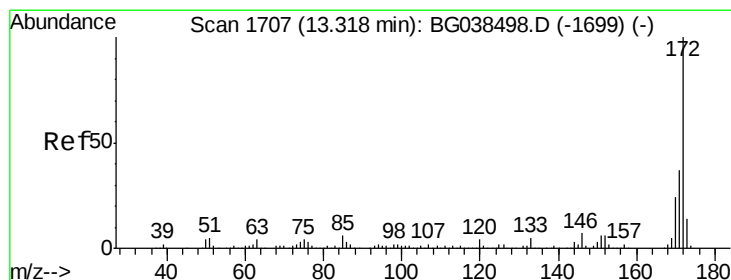
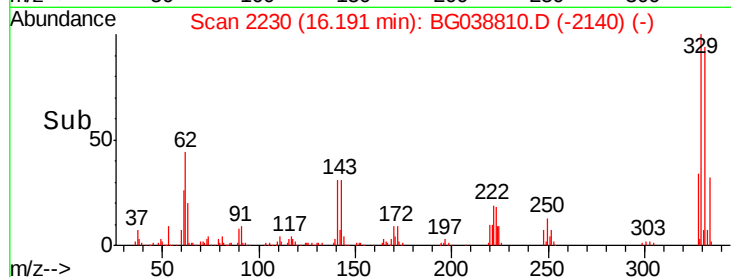
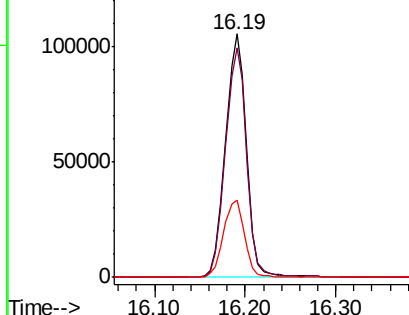
#42
 2,4,6-Tribromophenol
 Concen: 153.378 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BG038810.D
 Acq: 22 Dec 2018 9:59

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS023-0612-01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.9	115.3
141	31.9	28.8	43.2

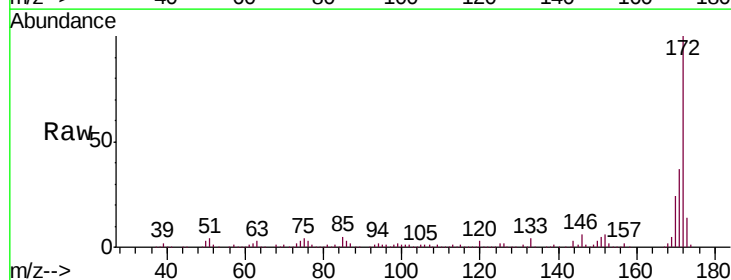


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

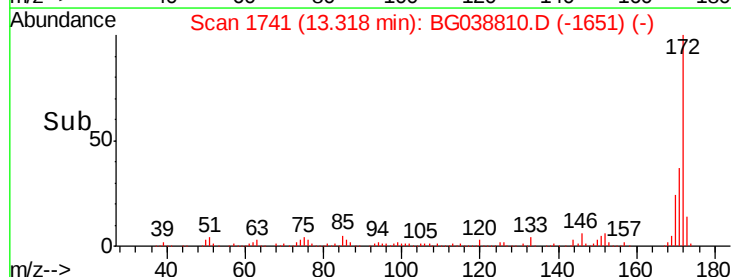
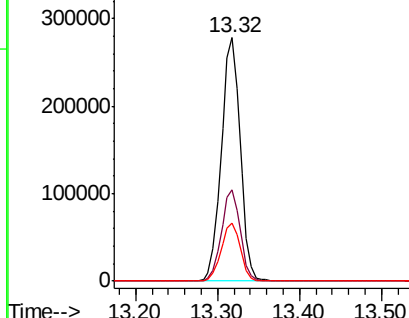


#45
 2-Fluorobiphenyl
 Concen: 76.795 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038810.D
 Acq: 22 Dec 2018 9:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.8	44.6
170	23.8	19.5	29.3



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: 8.423 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG038810.D

Acq: 22 Dec 2018 9:59

Instrument :

BNA_G

ClientSampleId :

P001-SS023-0612-01

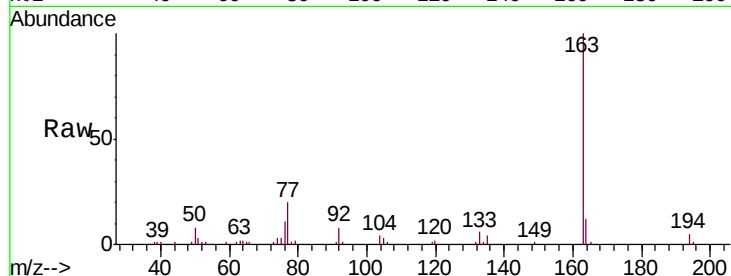
Tgt Ion:163 Resp: 55113

Ion Ratio Lower Upper

163 100

194 4.9 3.7 5.5

164 11.5 8.6 12.8

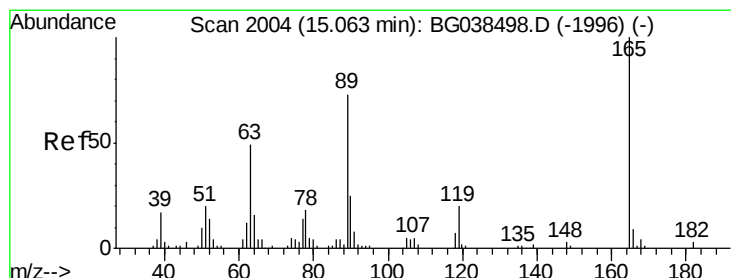
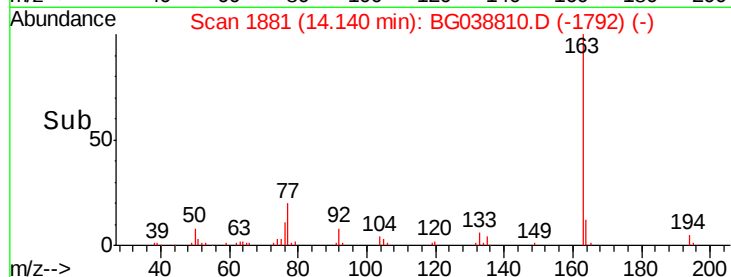
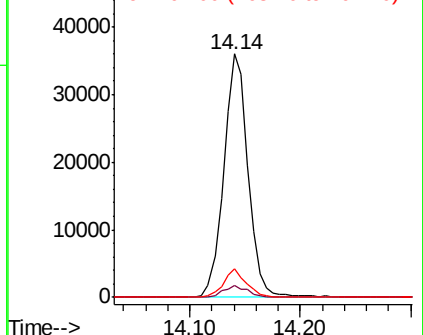


Abundance

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: 5.249 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.36 min

Lab File: BG038810.D

Acq: 22 Dec 2018 9:59

Tgt Ion:165 Resp: 10962

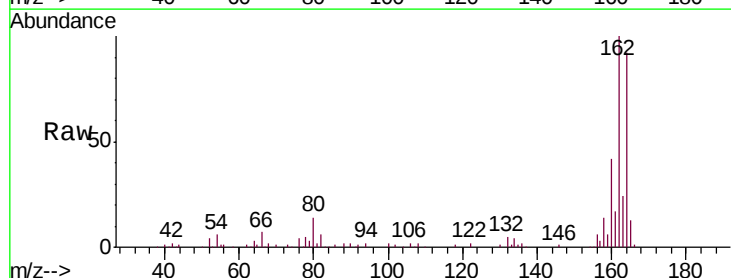
Ion Ratio Lower Upper

165 100

63 3.6 39.0 58.4#

89 0.0 58.0 87.0#

182 0.0 2.3 3.5#



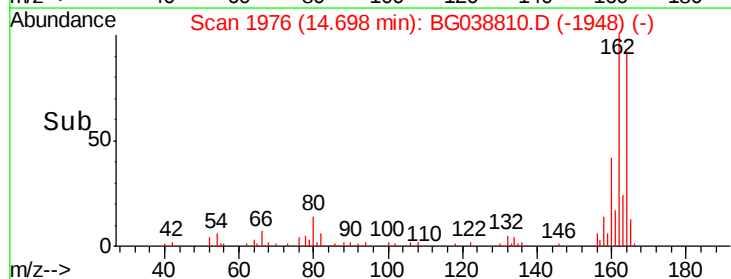
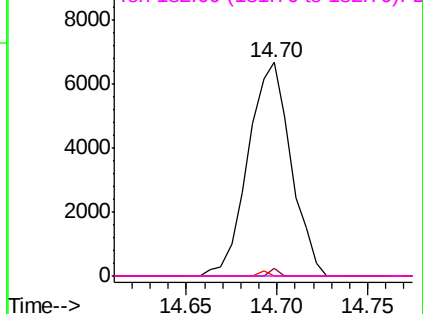
Abundance

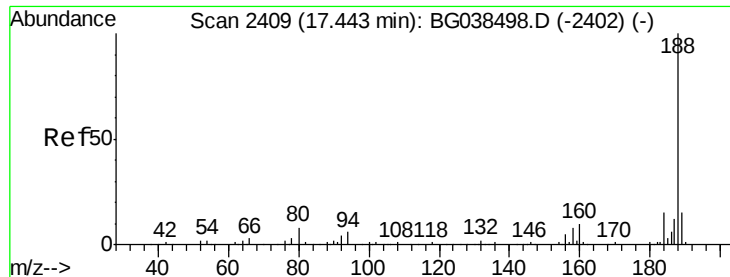
Ion 165.00 (164.70 to 165.70): E

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

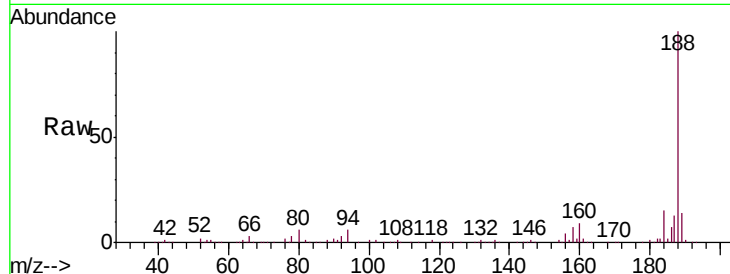




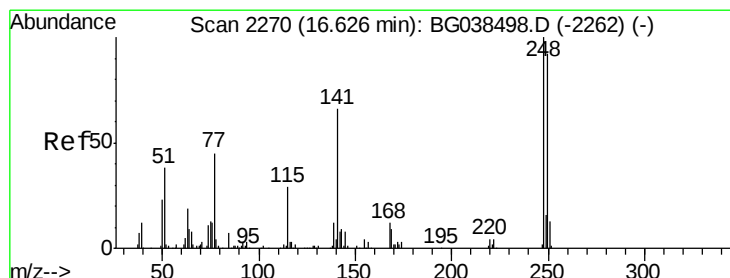
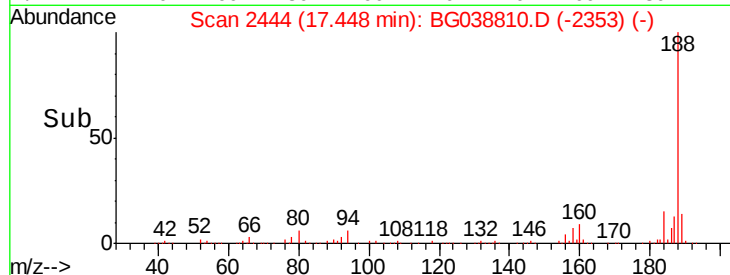
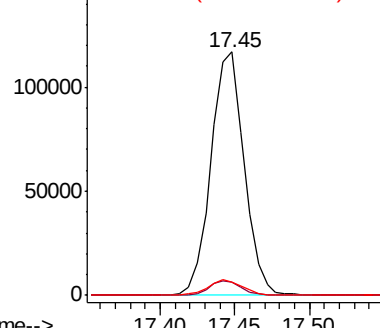
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2444
 Delta R.T. 0.01 min
 Lab File: BG038810.D
 Acq: 22 Dec 2018 9:59

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS023-0612-01

Tgt Ion:188 Resp: 180326
 Ion Ratio Lower Upper
 188 100
 94 5.7 5.1 7.7
 80 5.6 6.1 9.1#

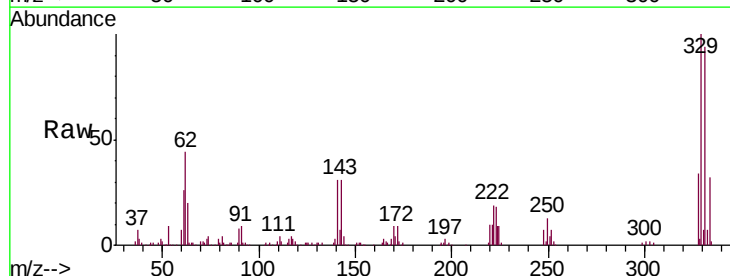


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

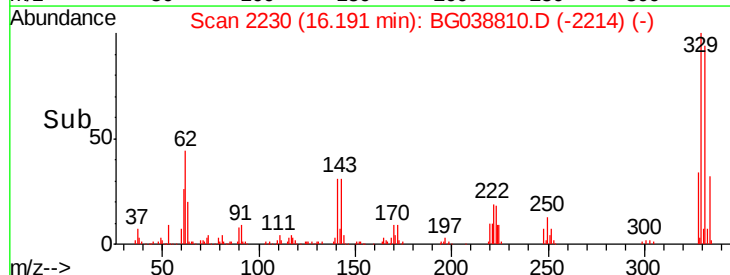
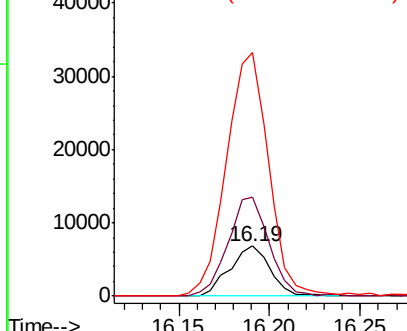


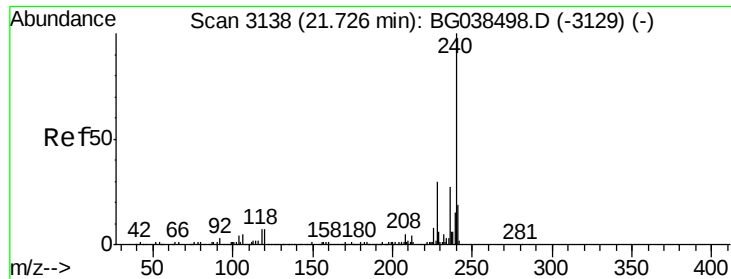
#67
 4-Bromophenyl-phenylether
 Concen: 4.788 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. -0.44 min
 Lab File: BG038810.D
 Acq: 22 Dec 2018 9:59

Tgt Ion:248 Resp: 10544
 Ion Ratio Lower Upper
 248 100
 250 197.3 73.4 110.2#
 141 370.8 52.9 79.3#



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

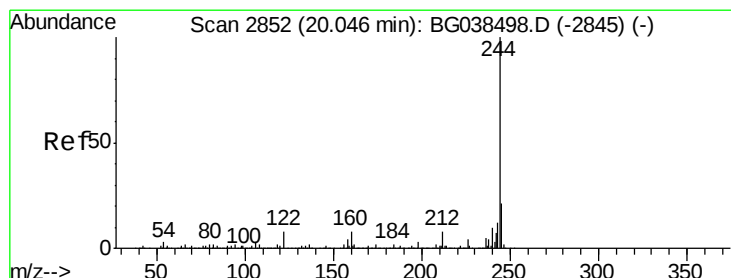
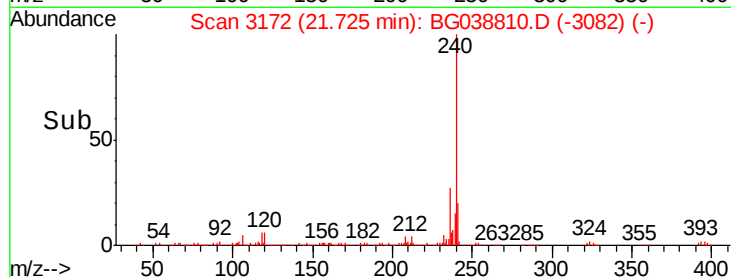
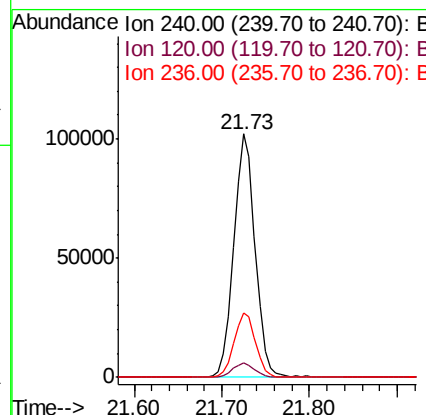
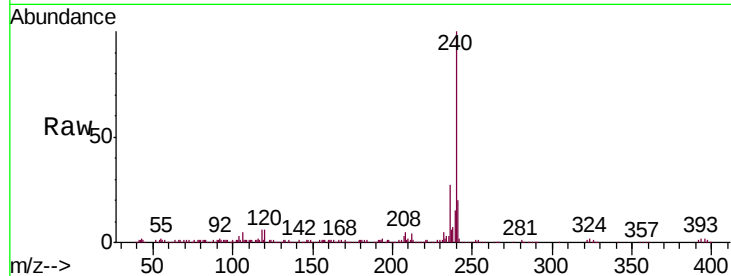




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BG038810.D
Acq: 22 Dec 2018 9:59

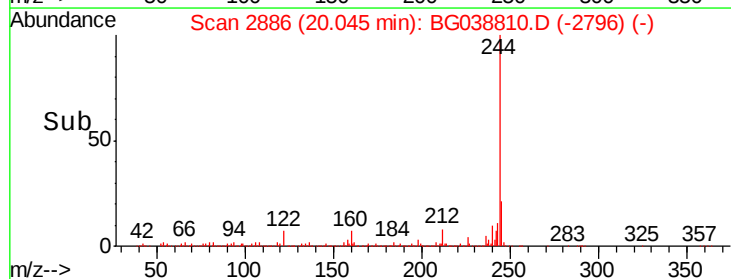
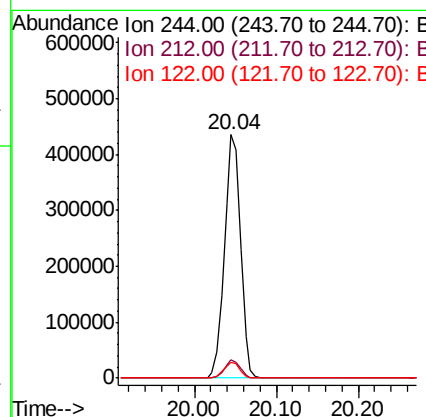
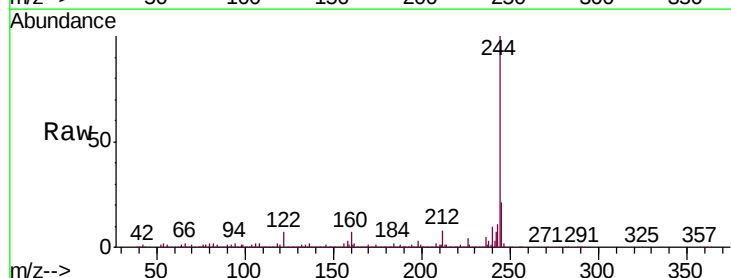
Instrument :
BNA_G
ClientSampleId :
P001-SS023-0612-01

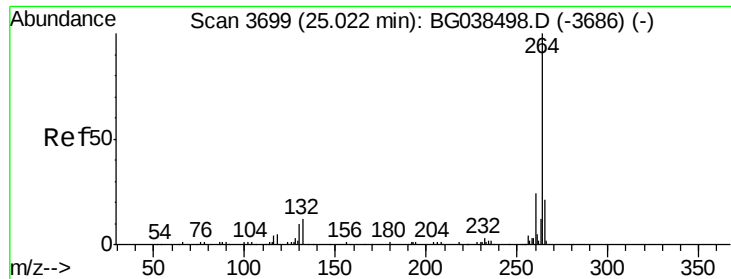
Tgt Ion:240 Resp: 169585
Ion Ratio Lower Upper
240 100
120 6.2 5.3 7.9
236 26.7 21.4 32.2



#79
Terphenyl-d14
Concen: 76.738 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG038810.D
Acq: 22 Dec 2018 9:59

Tgt Ion:244 Resp: 597957
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 6.5 6.3 9.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3735
Delta R.T. 0.01 min
Lab File: BG038810.D
Acq: 22 Dec 2018 9:59

Instrument :
BNA_G
ClientSampleId :
P001-SS023-0612-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.7	17.0	25.4

