

Data File : BG041723.D
Acq On : 18 Jul 2019 23:34
Operator : HP/JU
Sample : K3834-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TW-3

Quant Time: Jul 19 08:27:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	128569	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	521698	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	330631	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	785357	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	748756	20.00	ng	-0.01
87) Perylene-d12	24.83	264	845958	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	475074	60.41	ng	0.00
7) Phenol-d6	7.19	99	421163	39.81	ng	0.00
23) Nitrobenzene-d5	9.20	82	804001	93.72	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	533610	143.21	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1864860	87.34	ng	0.00
79) Terphenyl-d14	20.00	244	2615479	81.63	ng	0.00

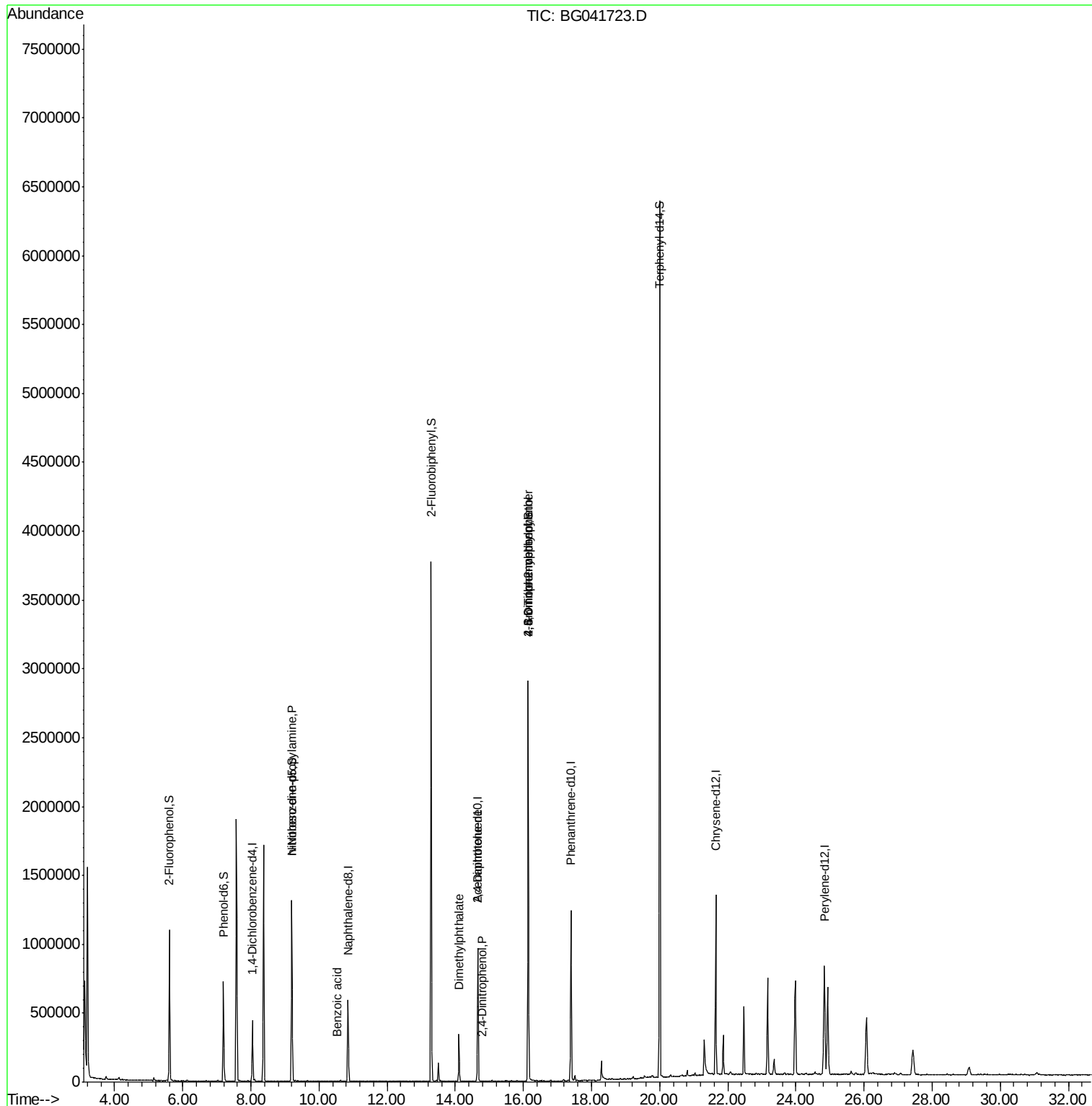
Target Compounds				Qvalue		
9) Benzaldehyde	7.19	77	1140	Below Cal	#	3
19) n-Nitroso-di-n-propylamine	9.20	70	110685	14.315	ng	72
32) Benzoic acid	10.54	122	53	6.020	ng	1
50) Dimethylphthalate	14.11	163	230505	8.877	ng	96
54) 2,4-Dinitrophenol	14.79	184	55	7.747	ng	21
57) 2,4-Dinitrotoluene	14.66	165	43691	6.001	ng	29
65) 4,6-Dinitro-2-methylphenol	16.14	198	1641	7.053	ng	1
67) 4-Bromophenyl-phenylether	16.14	248	42996	4.601	ng	1

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

Data File : BG041723.D
Acq On : 18 Jul 2019 23:34
Operator : HP/JU
Sample : K3834-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TW-3

Quant Time: Jul 19 08:27:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration



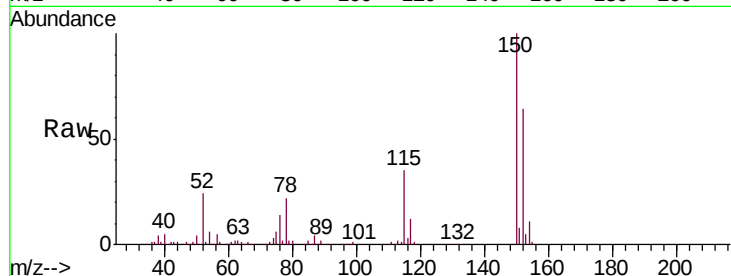


#1

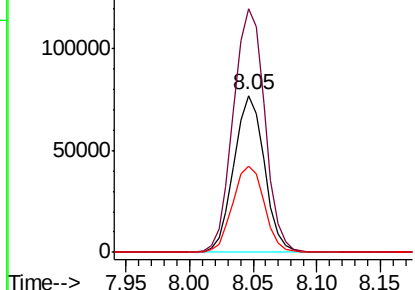
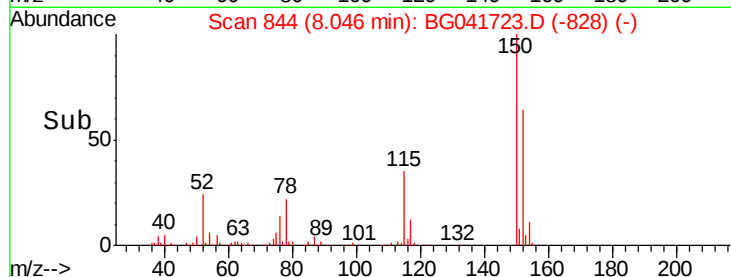
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041723.D
Acq: 18 Jul 2019 23:34

Instrument :
BNA_G
ClientSampleId :
TW-3

Tgt Ion:152 Resp: 128569
Ion Ratio Lower Upper
152 100
150 155.1 126.9 190.3
115 54.8 45.0 67.6



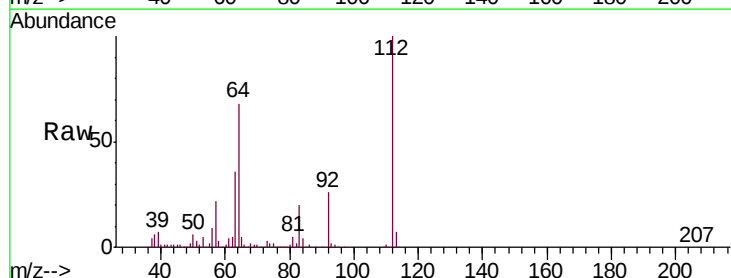
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



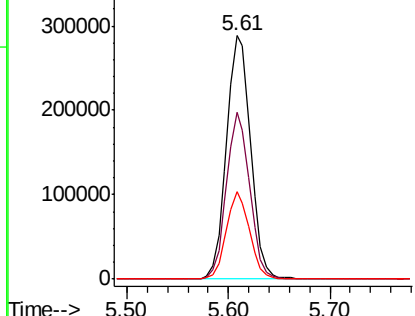
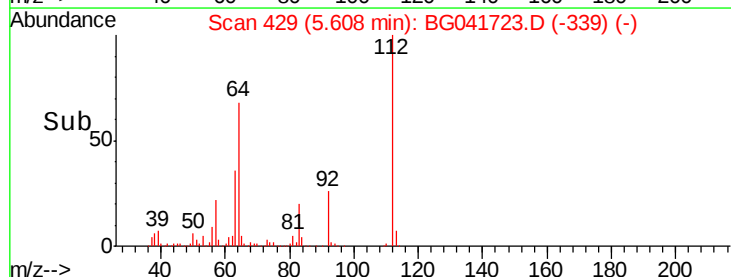
#5

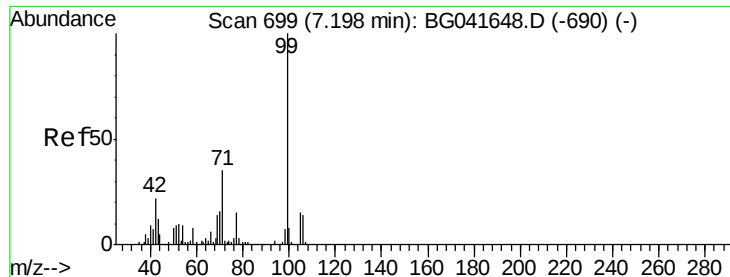
2-Fluorophenol
Concen: 60.405 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.00 min
Lab File: BG041723.D
Acq: 18 Jul 2019 23:34

Tgt Ion:112 Resp: 475074
Ion Ratio Lower Upper
112 100
64 68.3 55.4 83.2
63 36.1 29.1 43.7



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: 39.813 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG041723.D

Acq: 18 Jul 2019 23:34

Instrument :

BNA_G

ClientSampleId :

TW-3

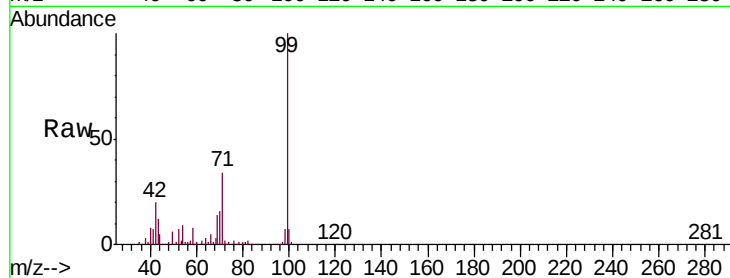
Tgt Ion: 99 Resp: 421163

Ion Ratio Lower Upper

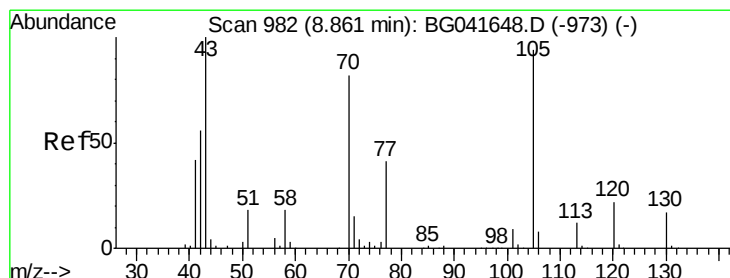
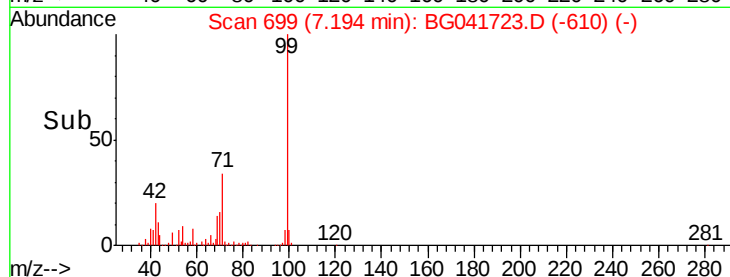
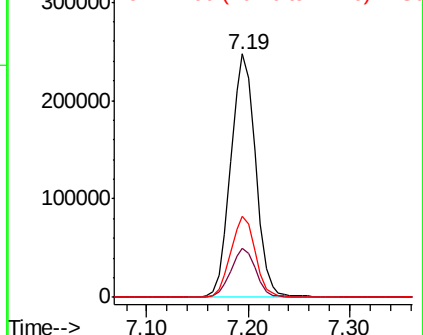
99 100

42 19.9 17.6 26.4

71 33.5 27.8 41.6



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: 14.315 ng

RT: 9.20 min Scan# 1040

Delta R.T. 0.33 min

Lab File: BG041723.D

Acq: 18 Jul 2019 23:34

Tgt Ion: 70 Resp: 110685

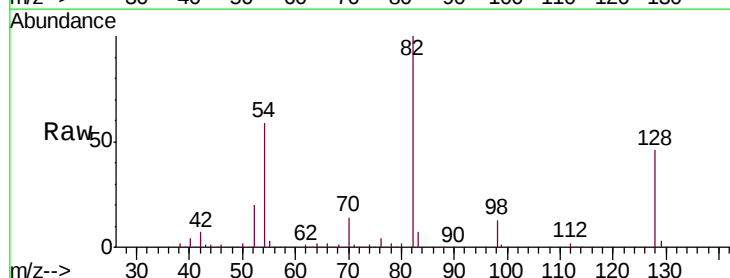
Ion Ratio Lower Upper

70 100

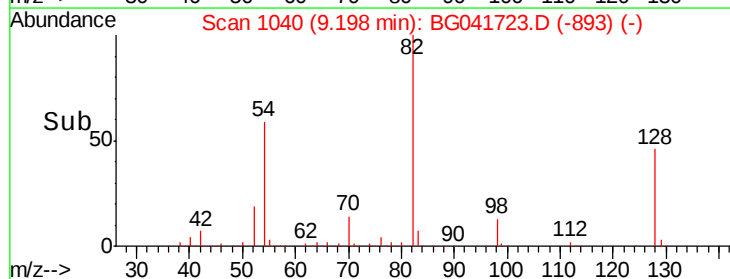
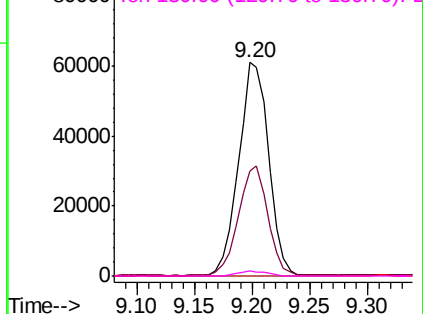
42 49.4 55.8 83.6#

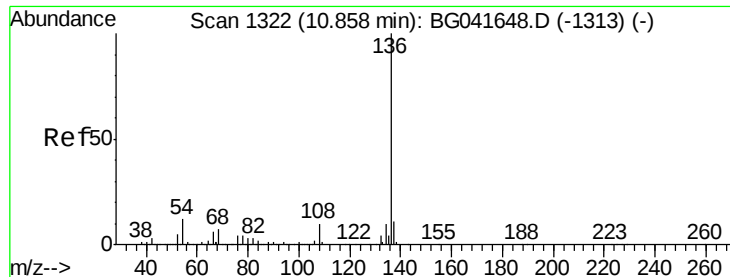
101 0.0 8.1 12.1#

130 2.4 17.3 25.9#



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

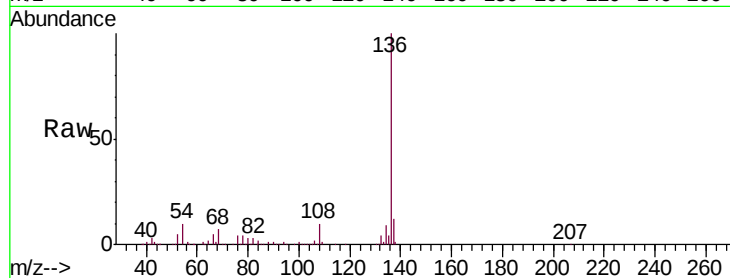




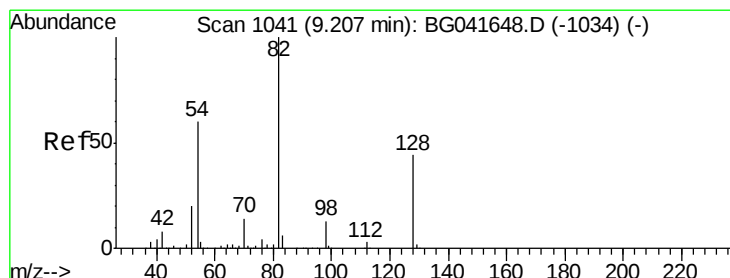
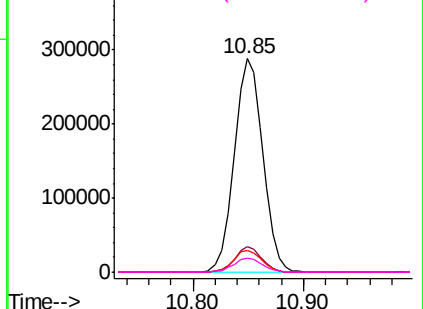
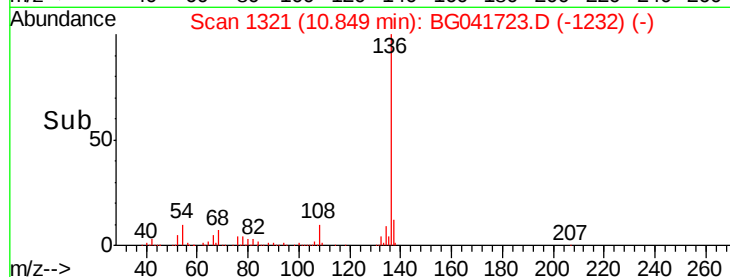
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041723.D
Acq: 18 Jul 2019 23:34

Instrument :
BNA_G
ClientSampleId :
TW-3

Tgt Ion:	136	Resp:	521698
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	10.1	8.7	13.1
68	6.6	5.5	8.3

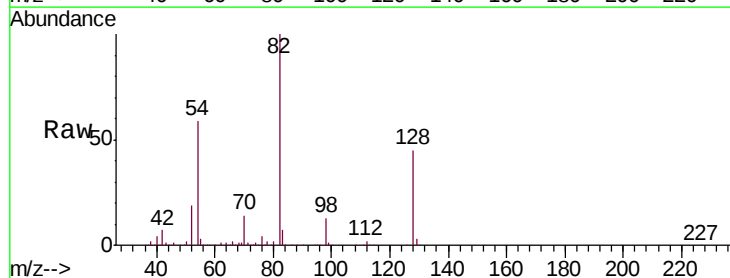


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

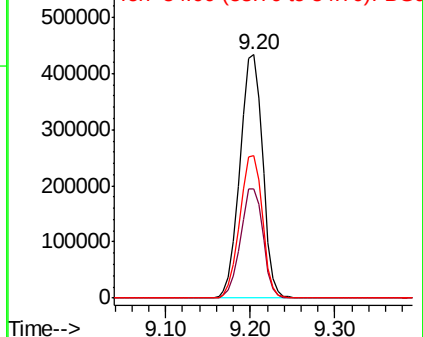
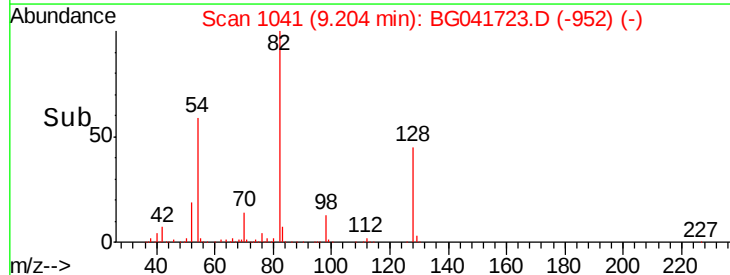


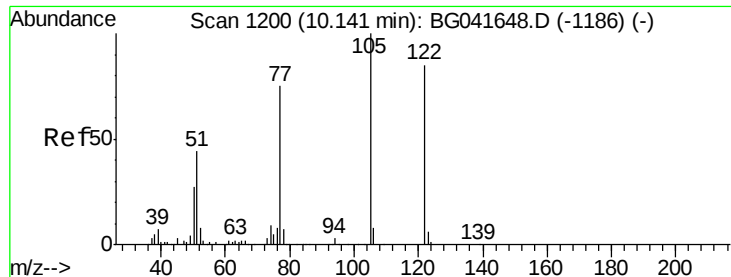
#23
Nitrobenzene-d5
Concen: 93.723 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041723.D
Acq: 18 Jul 2019 23:34

Tgt Ion:	82	Resp:	804001
Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.1	52.7
54	58.5	48.7	73.1



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

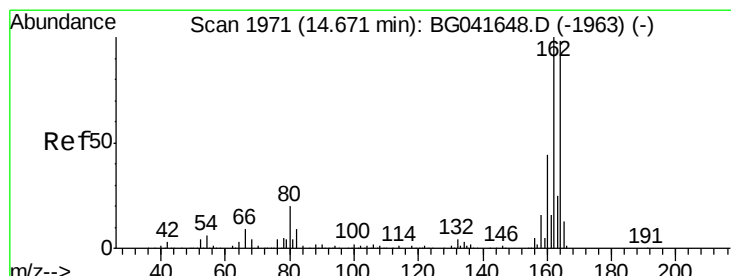
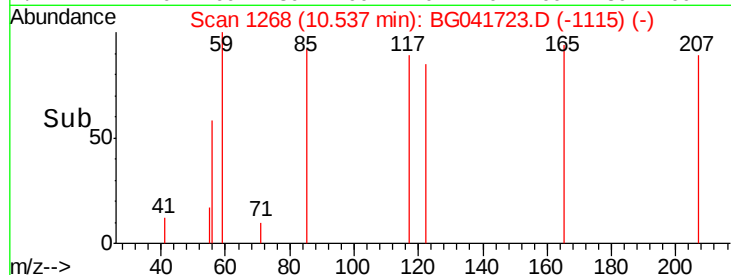
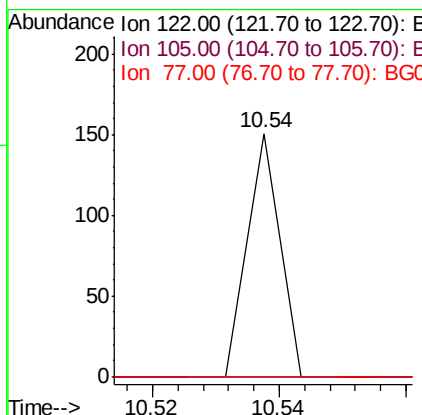
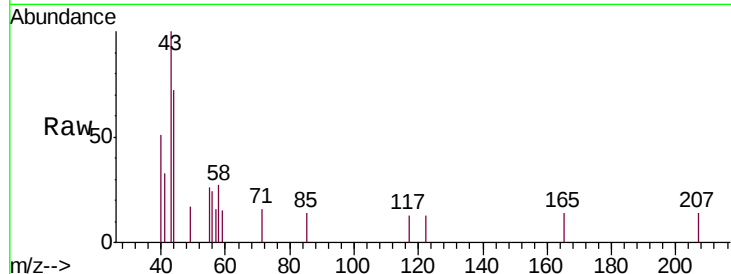




#32
Benzoic acid
Concen: 6.020 ng
RT: 10.54 min Scan# 1268
Delta R.T. 0.37 min
Lab File: BG041723.D
Acq: 18 Jul 2019 23:34

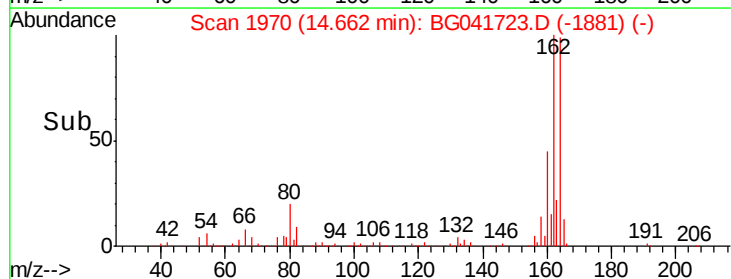
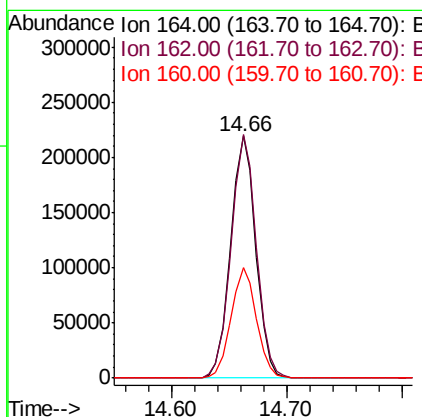
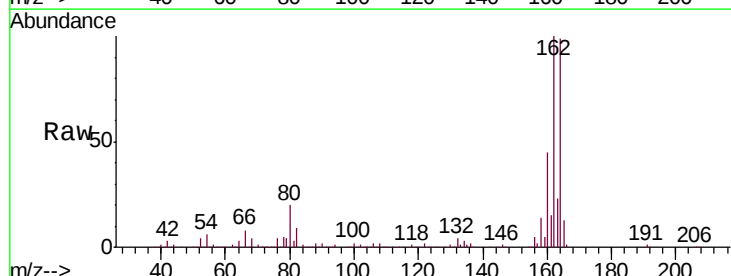
Instrument :
BNA_G
ClientSampleId :
TW-3

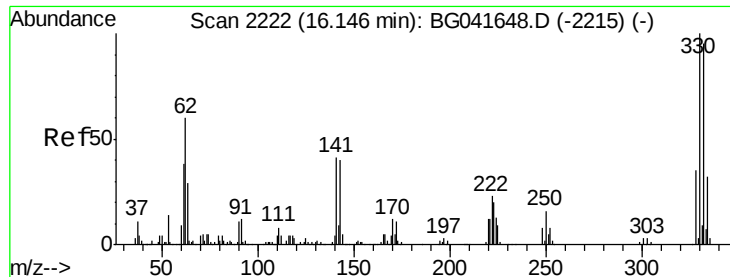
Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.5	141.5#
77	0.0	73.0	113.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041723.D
Acq: 18 Jul 2019 23:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	79.6	119.4
160	45.5	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 143.206 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG041723.D

Acq: 18 Jul 2019 23:34

Instrument :

BNA_G

ClientSampled :

TW-3

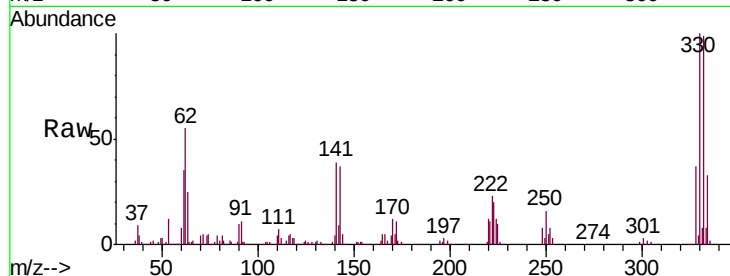
Tgt Ion:330 Resp: 533610

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.0

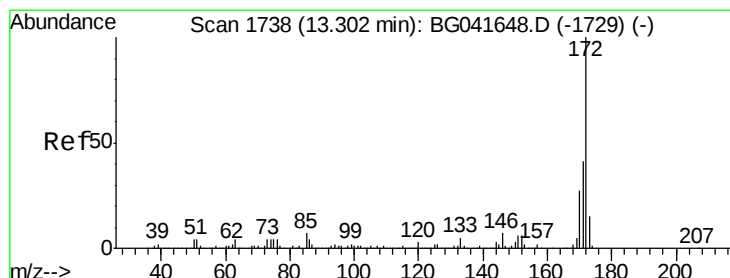
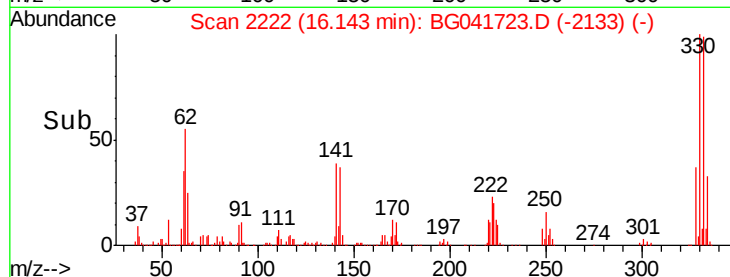
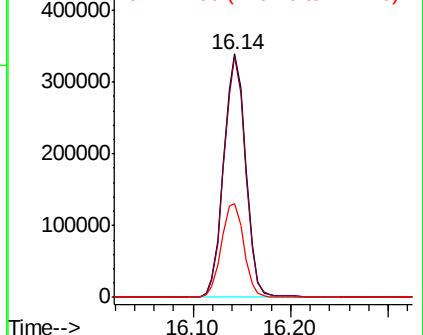
141 39.4 31.9 47.9



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: 87.340 ng

RT: 13.29 min Scan# 1737

Delta R.T. -0.01 min

Lab File: BG041723.D

Acq: 18 Jul 2019 23:34

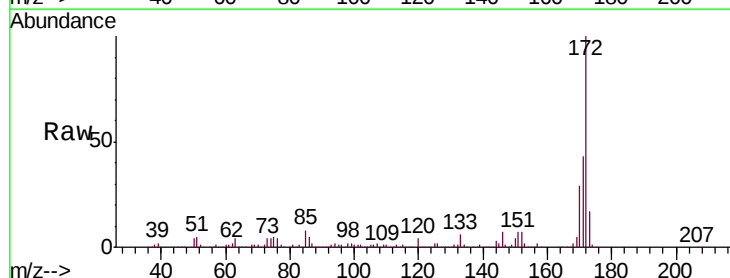
Tgt Ion:172 Resp: 1864860

Ion Ratio Lower Upper

172 100

171 43.0 35.0 52.4

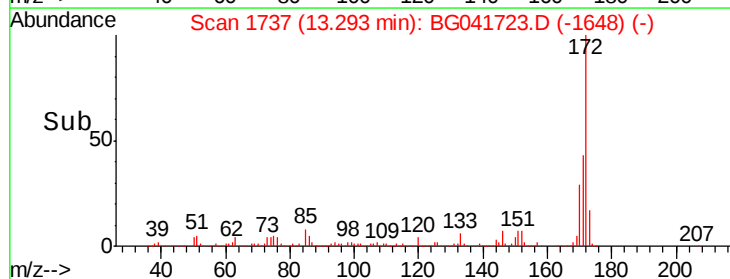
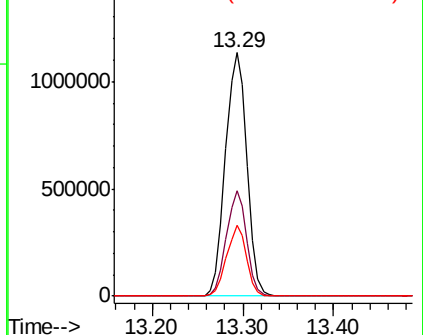
170 28.9 23.5 35.3

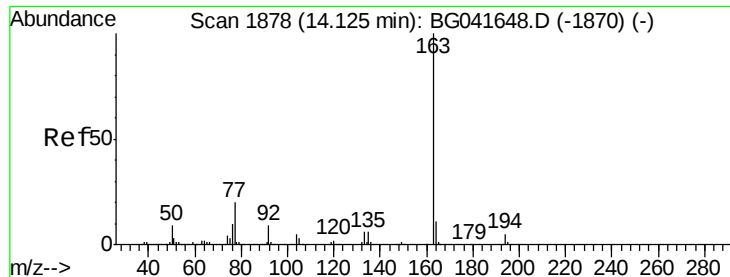


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 8.877 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BG041723.D

Acq: 18 Jul 2019 23:34

Instrument :

BNA_G

ClientSampleId :

TW-3

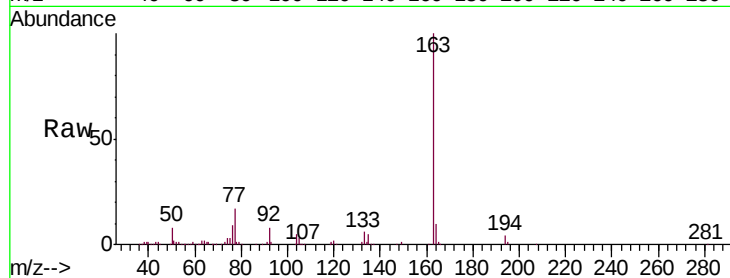
Tgt Ion:163 Resp: 230505

Ion Ratio Lower Upper

163 100

194 4.4 4.2 6.2

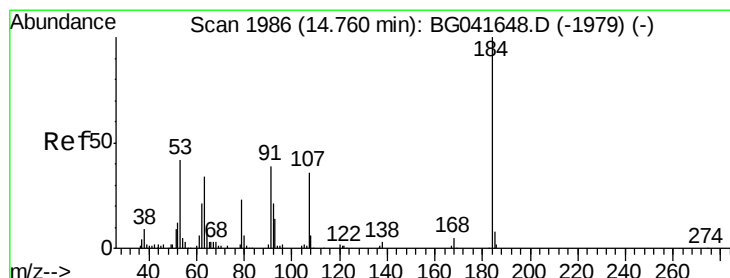
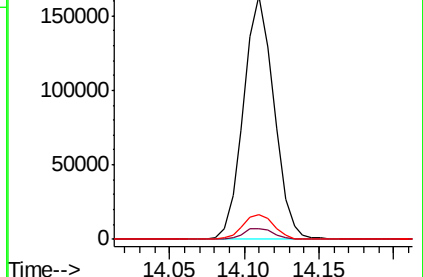
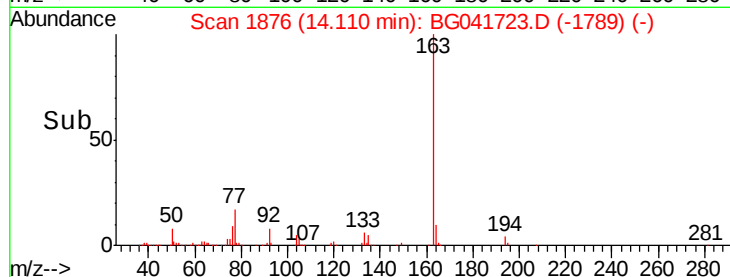
164 10.1 9.4 14.2



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



#54

2,4-Dinitrophenol

Concen: 7.747 ng

RT: 14.79 min Scan# 1991

Delta R.T. 0.02 min

Lab File: BG041723.D

Acq: 18 Jul 2019 23:34

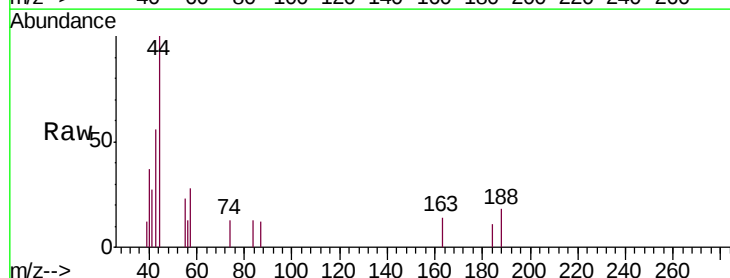
Tgt Ion:184 Resp: 55

Ion Ratio Lower Upper

184 100

63 0.0 43.2 64.8#

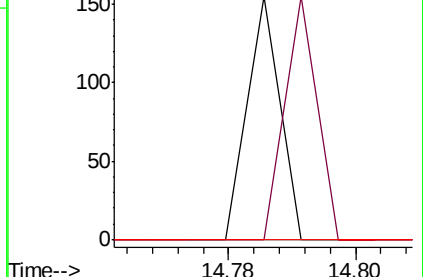
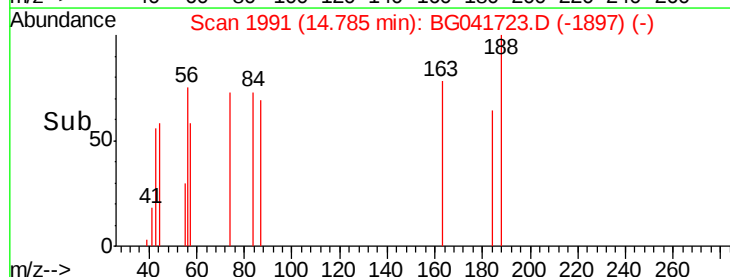
154 0.0 51.4 77.2#

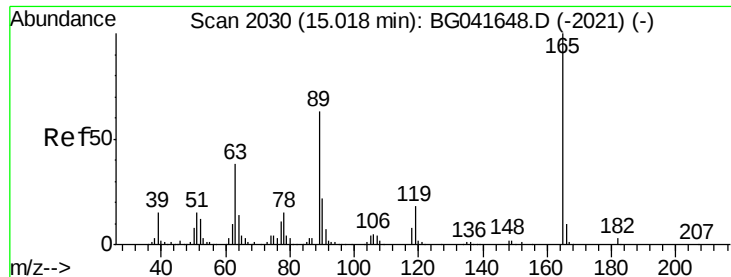


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

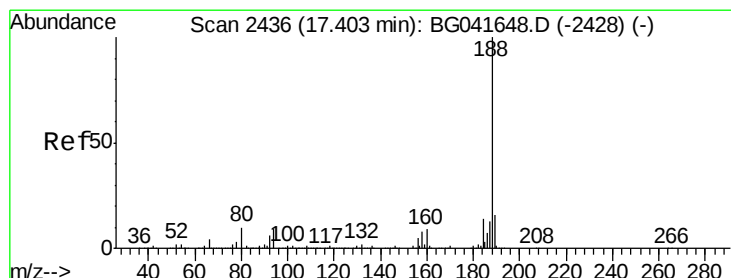
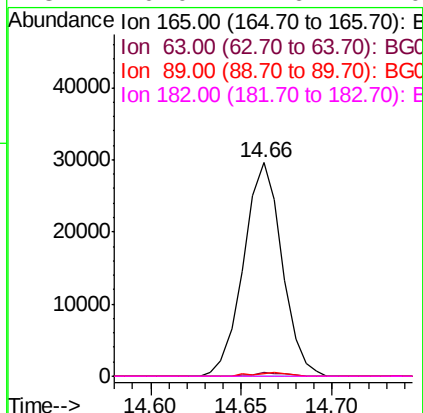
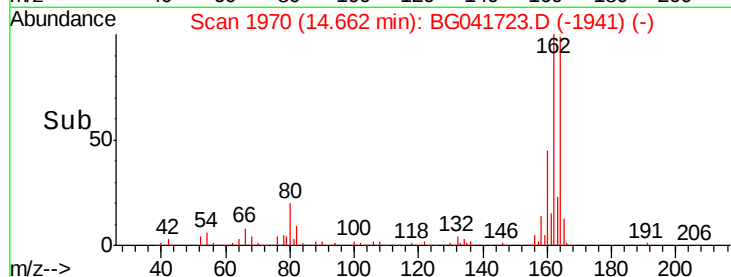
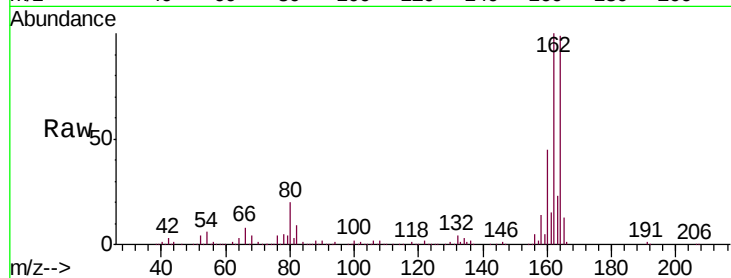




#57
2,4-Dinitrotoluene
Concen: 6.001 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.36 min
Lab File: BG041723.D
Acq: 18 Jul 2019 23:34

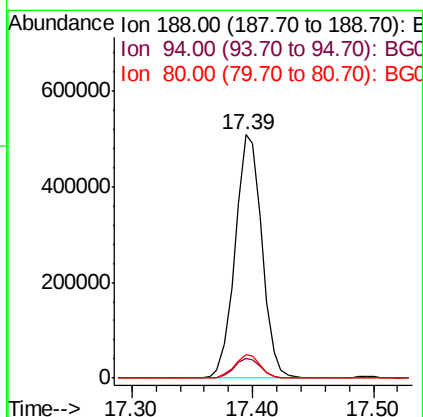
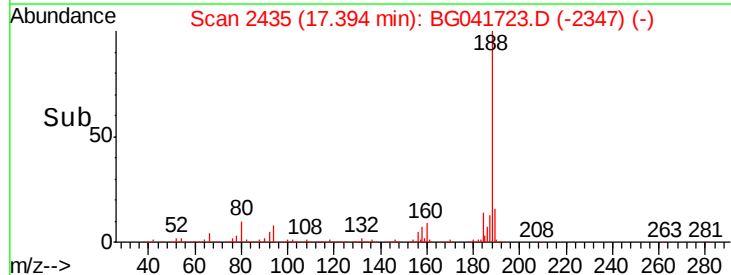
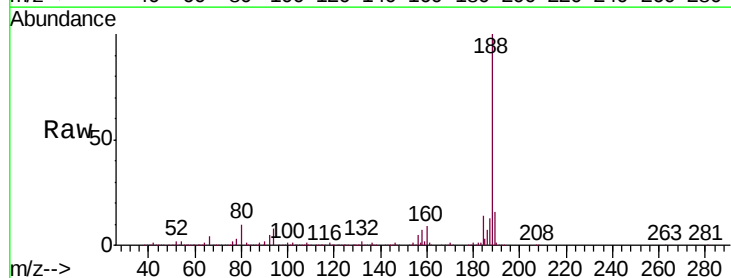
Instrument :
BNA_G
ClientSampleId :
TW-3

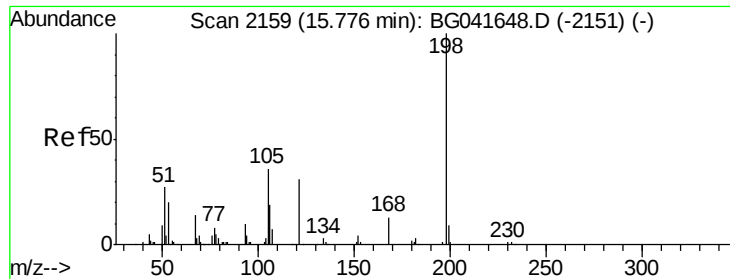
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	31.7	47.5#
89	1.4	50.2	75.4#
182	0.0	2.6	4.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG041723.D
Acq: 18 Jul 2019 23:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.9	10.3
80	9.6	8.0	12.0

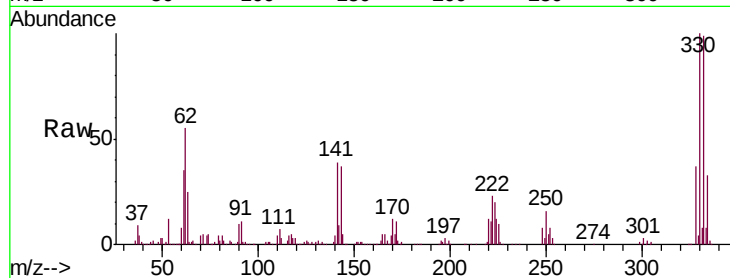




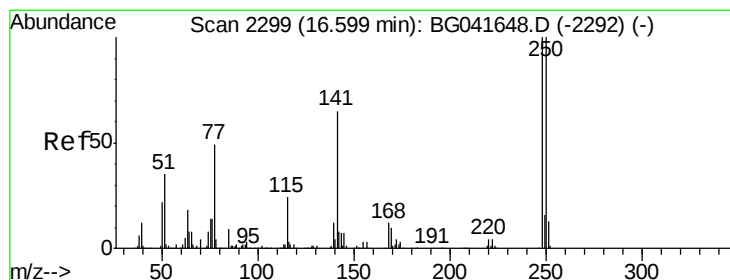
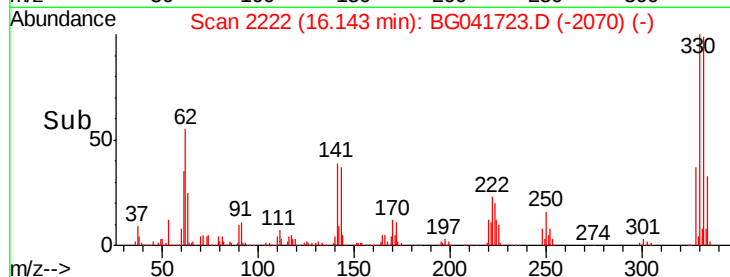
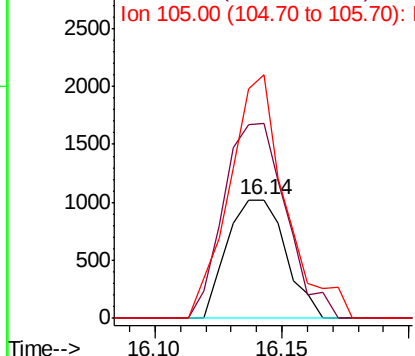
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.053 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. 0.36 min
 Lab File: BG041723.D
 Acq: 18 Jul 2019 23:34

Instrument :
 BNA_G
 ClientSampleId :
 TW-3

Tgt Ion:198 Resp: 1641
 Ion Ratio Lower Upper
 198 100
 51 164.9 22.3 62.3#
 105 205.7 18.0 58.0#

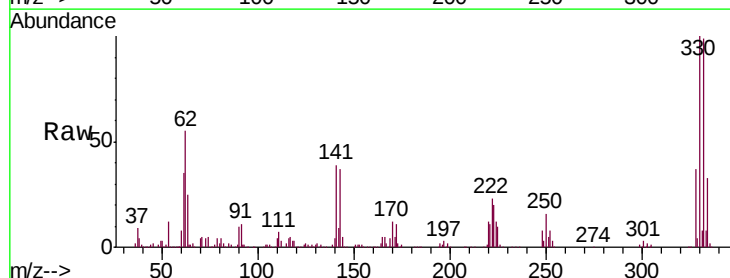


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG041648.D (-2151) (-)
 Ion 105.00 (104.70 to 105.70): E

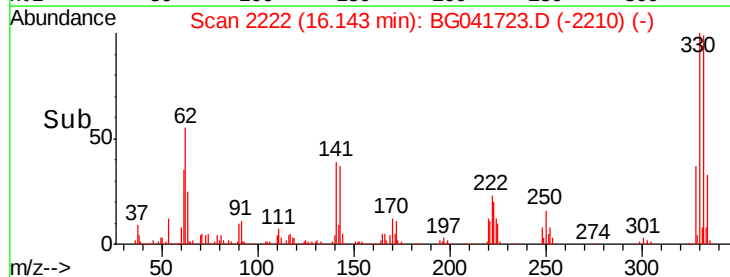
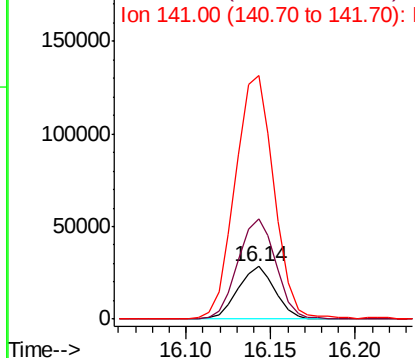


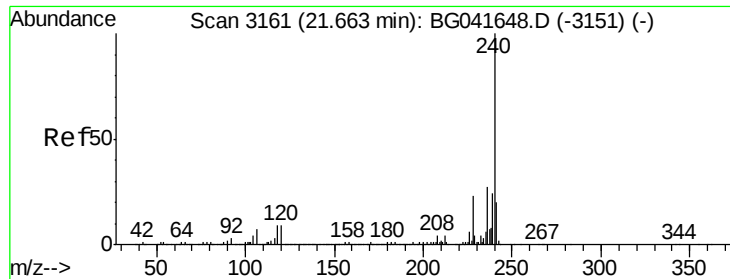
#67
 4-Bromophenyl-phenylether
 Concen: 4.601 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.46 min
 Lab File: BG041723.D
 Acq: 18 Jul 2019 23:34

Tgt Ion:248 Resp: 42996
 Ion Ratio Lower Upper
 248 100
 250 192.6 78.1 117.1#
 141 465.9 49.6 74.4#



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

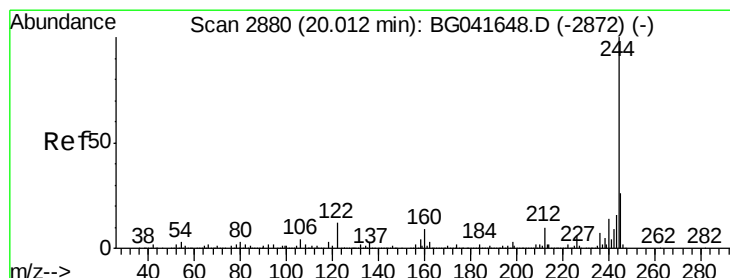
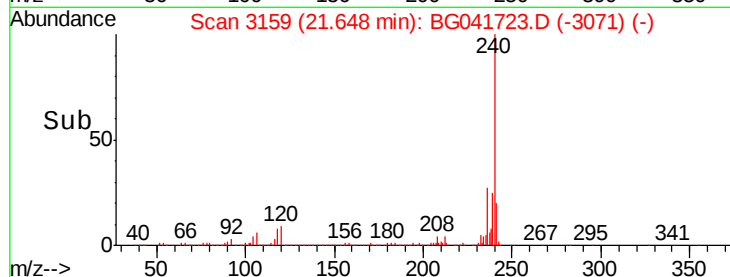
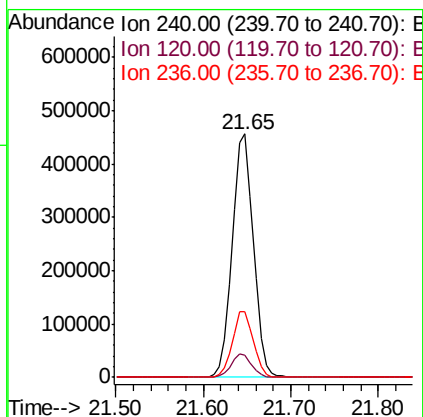
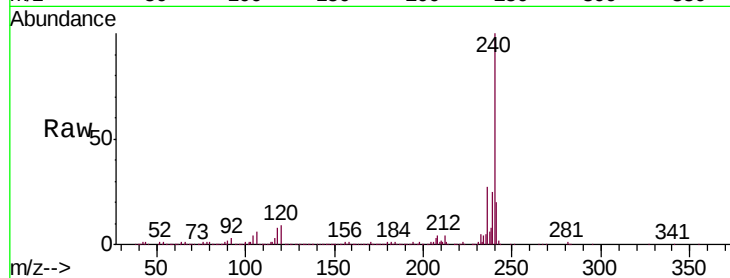




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BG041723.D
Acq: 18 Jul 2019 23:34

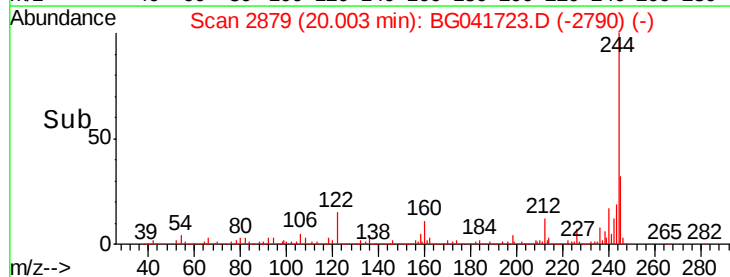
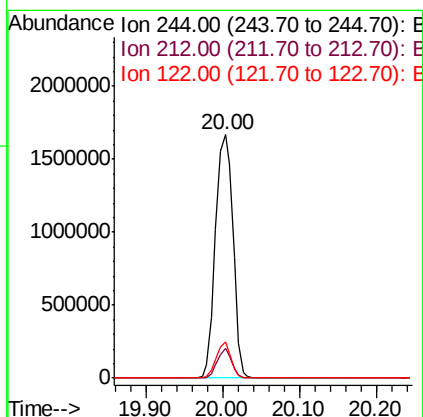
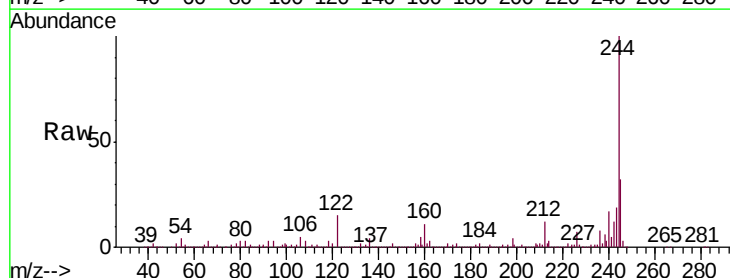
Instrument :
BNA_G
ClientSampleId :
TW-3

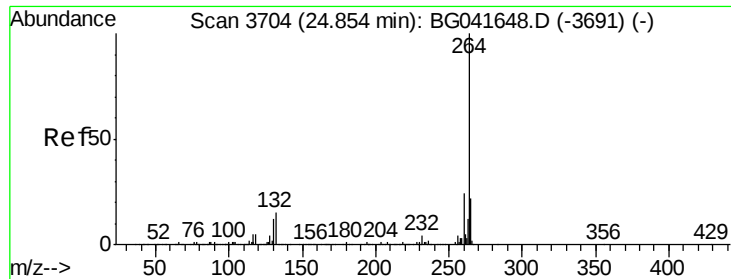
Tgt Ion:240 Resp: 748756
Ion Ratio Lower Upper
240 100
120 9.3 8.0 12.0
236 26.7 22.6 33.8



#79
Terphenyl-d14
Concen: 81.629 ng
RT: 20.00 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG041723.D
Acq: 18 Jul 2019 23:34

Tgt Ion:244 Resp: 2615479
Ion Ratio Lower Upper
244 100
212 12.3 9.7 14.5
122 15.0 12.5 18.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3701
Delta R.T. -0.03 min
Lab File: BG041723.D
Acq: 18 Jul 2019 23:34

Instrument :
BNA_G
ClientSampleId :
TW-3

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	22.6	18.0	27.0

