

Data File : BG041715.D
Acq On : 18 Jul 2019 18:26
Operator : HP/JU
Sample : K3834-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TW-6

Quant Time: Jul 19 08:26:11 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	114002	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	464284	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	299076	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	733928	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	717797	20.00	ng	-0.01
87) Perylene-d12	24.84	264	799524	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	368631	52.86	ng	0.00
7) Phenol-d6	7.20	99	316289	33.72	ng	0.00
23) Nitrobenzene-d5	9.20	82	716400	93.84	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	489563	145.25	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1705085	88.28	ng	0.00
79) Terphenyl-d14	20.00	244	2496543	81.28	ng	0.00

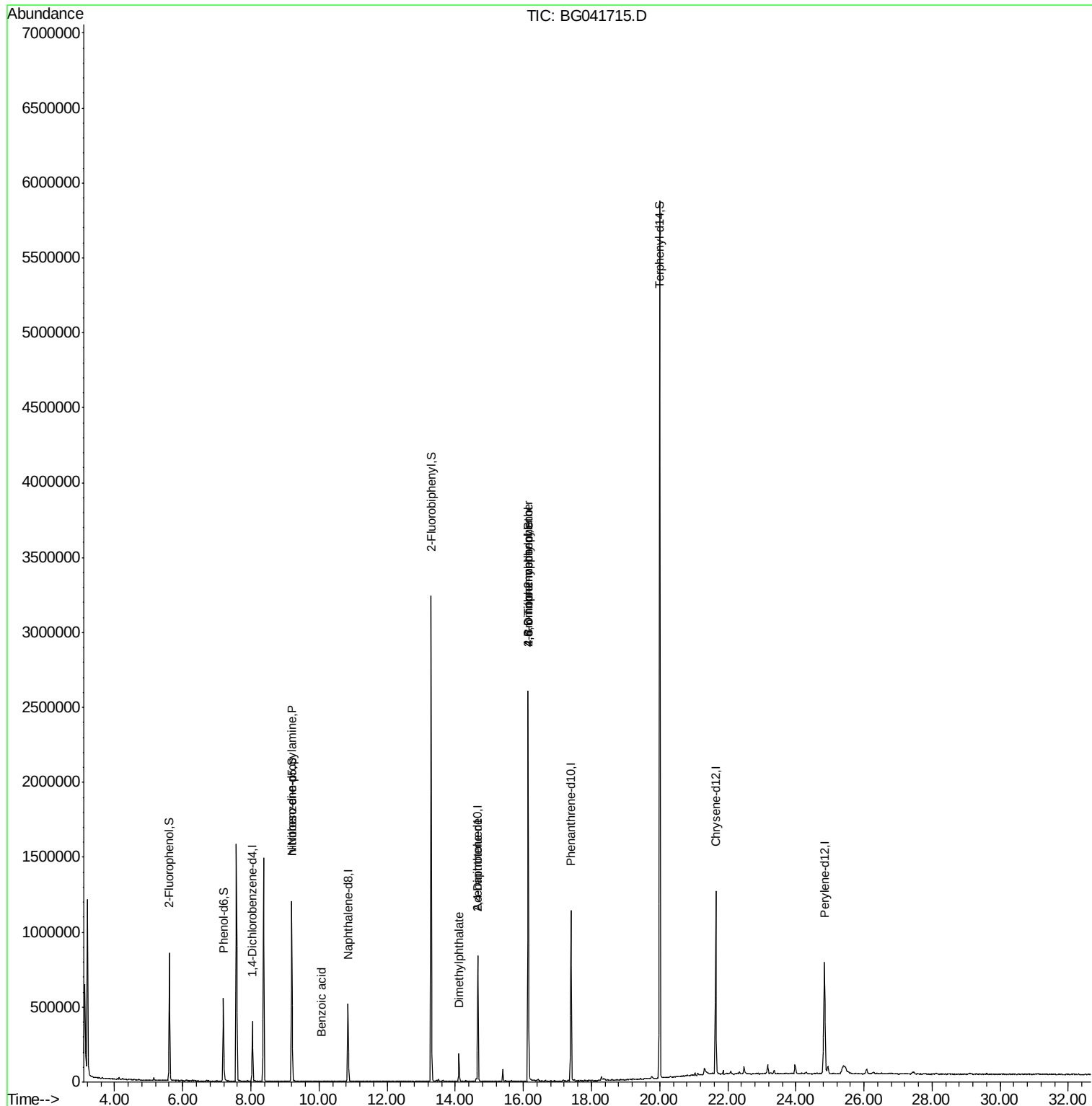
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	9.20	70	96954	14.142	ng	# 70
32) Benzoic acid	10.09	122	62	6.023	ng	93
50) Dimethylphthalate	14.11	163	129001	5.492	ng	97
57) 2,4-Dinitrotoluene	14.66	165	39628	6.017	ng	# 29
65) 4,6-Dinitro-2-methylphenol	16.14	198	1557	7.059	ng	# 1
67) 4-Bromophenyl-phenylether	16.14	248	38677	4.429	ng	# 1

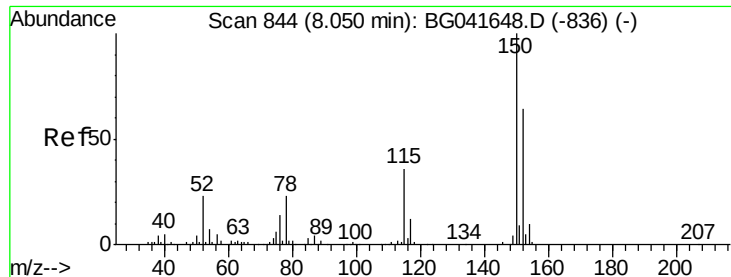
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BG041715.D
Acq On : 18 Jul 2019 18:26
Operator : HP/JU
Sample : K3834-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TW-6

Quant Time: Jul 19 08:26:11 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



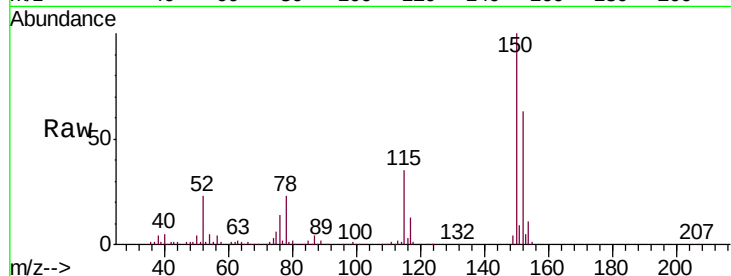


#1

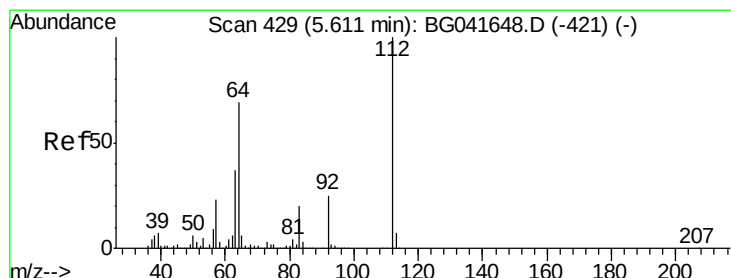
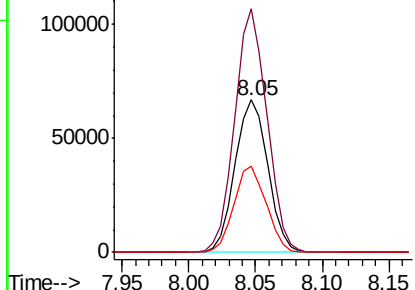
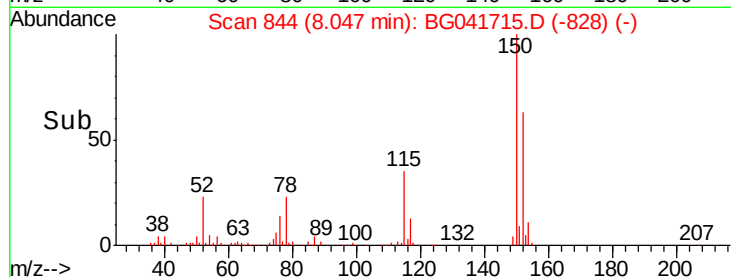
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041715.D
Acq: 18 Jul 2019 18:26

Instrument :
BNA_G
ClientSampleId :
TW-6

Tgt Ion:152 Resp: 114002
Ion Ratio Lower Upper
152 100
150 159.5 126.9 190.3
115 56.4 45.0 67.6



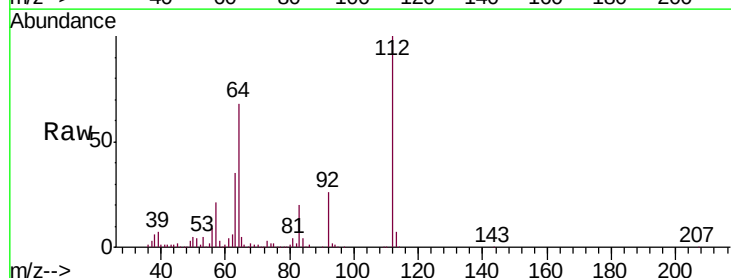
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



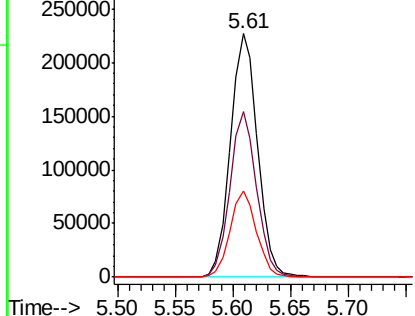
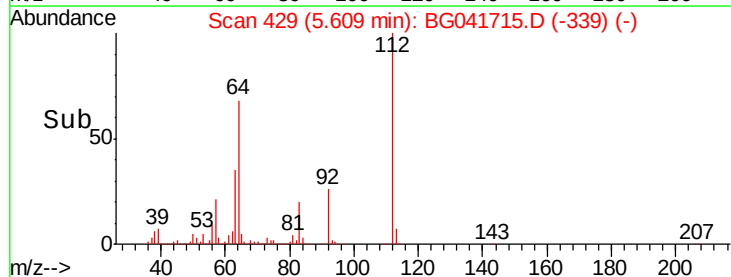
#5

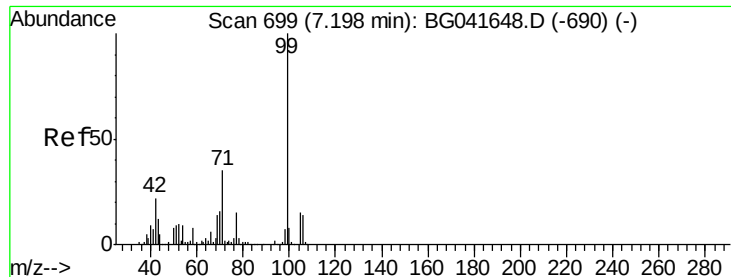
2-Fluorophenol
Concen: 52.860 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.00 min
Lab File: BG041715.D
Acq: 18 Jul 2019 18:26

Tgt Ion:112 Resp: 368631
Ion Ratio Lower Upper
112 100
64 67.9 55.4 83.2
63 35.4 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: 33.720 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG041715.D

Acq: 18 Jul 2019 18:26

Instrument :

BNA_G

ClientSampled :

TW-6

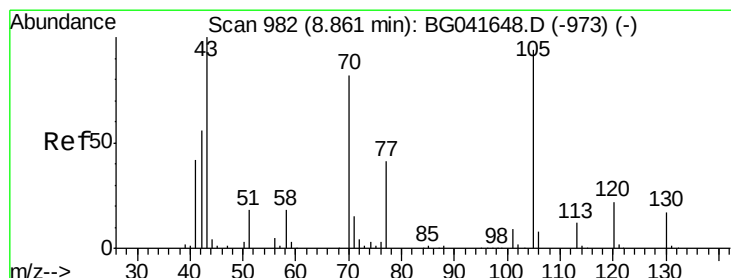
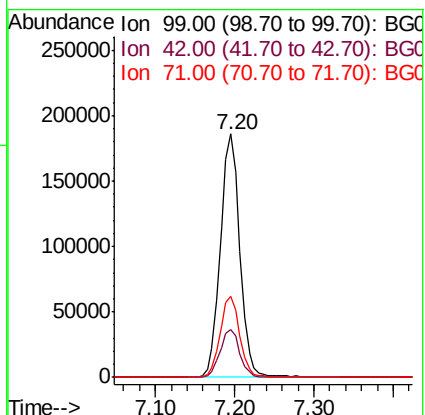
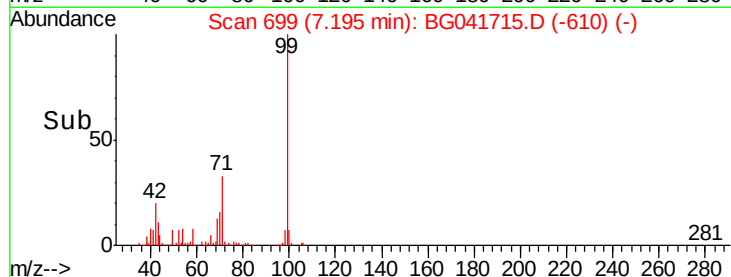
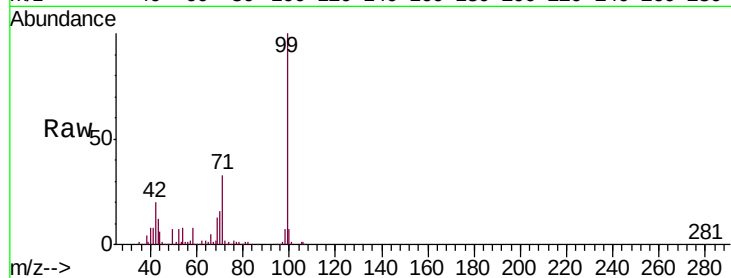
Tgt Ion: 99 Resp: 316289

Ion Ratio Lower Upper

99 100

42 19.8 17.6 26.4

71 33.1 27.8 41.6



#19

n-Nitroso-di-n-propylamine

Concen: 14.142 ng

RT: 9.20 min Scan# 1040

Delta R.T. 0.33 min

Lab File: BG041715.D

Acq: 18 Jul 2019 18:26

Tgt Ion: 70 Resp: 96954

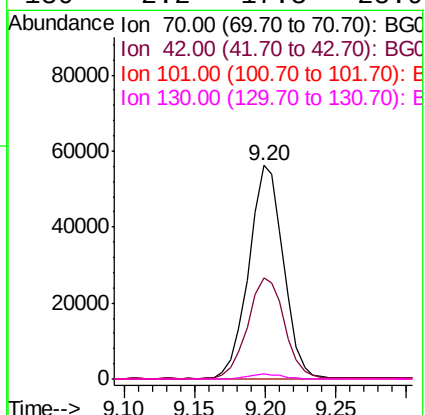
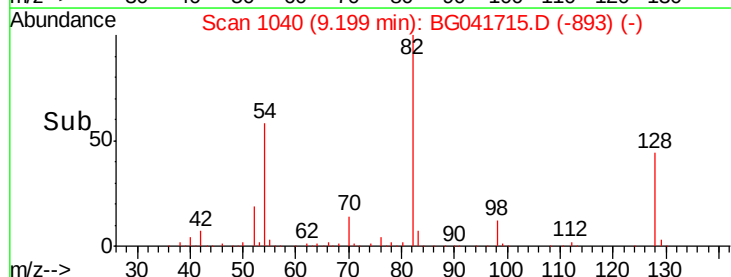
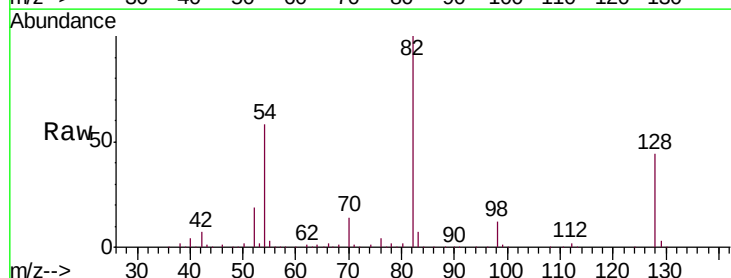
Ion Ratio Lower Upper

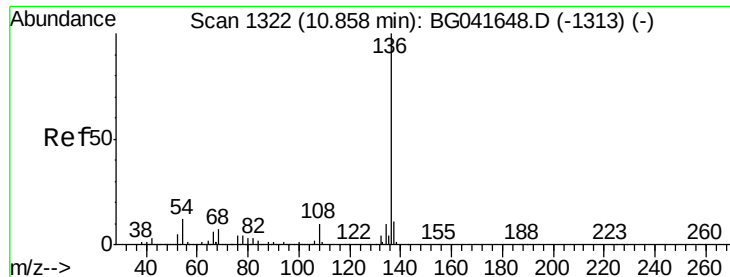
70 100

42 47.6 55.8 83.6#

101 0.0 8.1 12.1#

130 2.2 17.3 25.9#

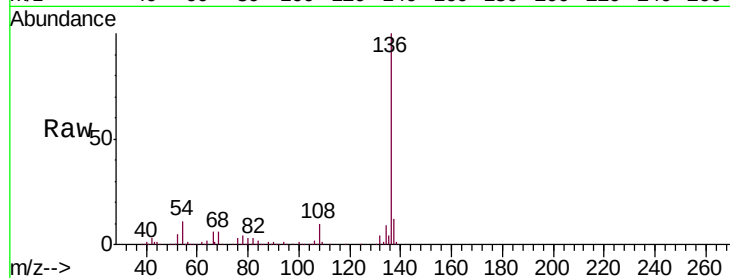




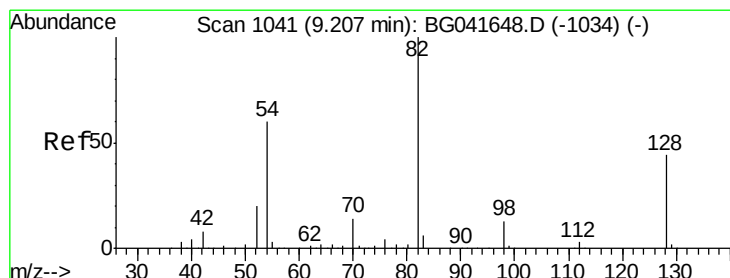
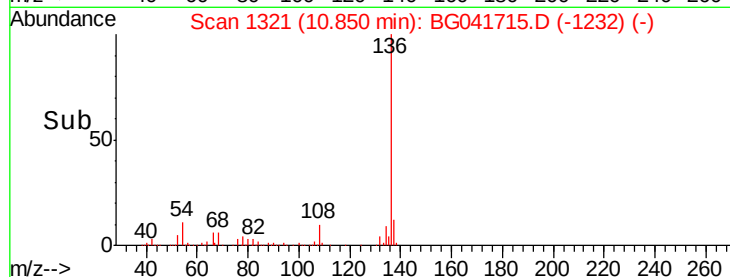
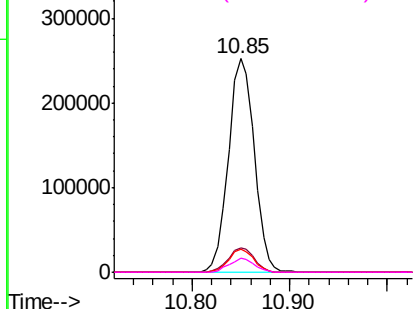
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041715.D
Acq: 18 Jul 2019 18:26

Instrument :
BNA_G
ClientSampleId :
TW-6

Tgt Ion:	136	Resp:	464284
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	10.6	8.7	13.1
68	6.4	5.5	8.3

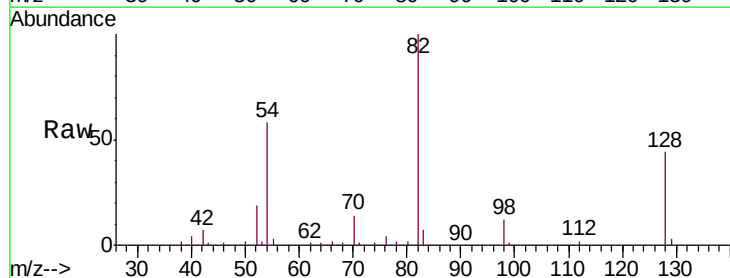


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

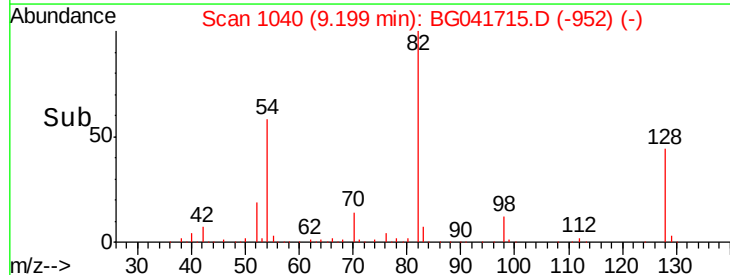
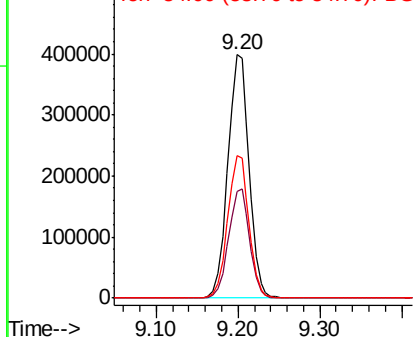


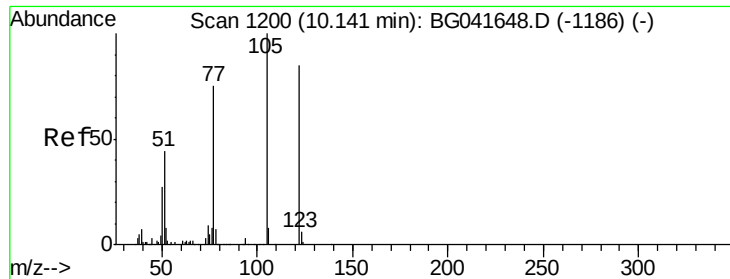
#23
Nitrobenzene-d5
Concen: 93.839 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG041715.D
Acq: 18 Jul 2019 18:26

Tgt Ion:	82	Resp:	716400
Ion	Ratio	Lower	Upper
82	100		
128	43.6	35.1	52.7
54	58.4	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

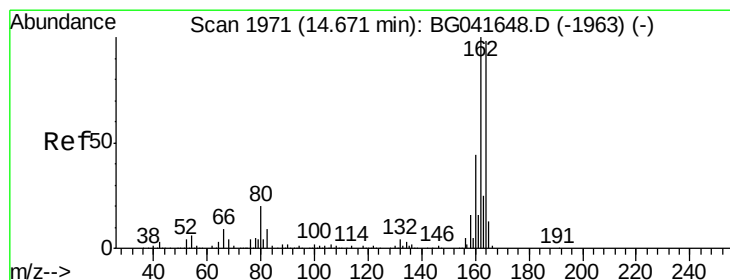
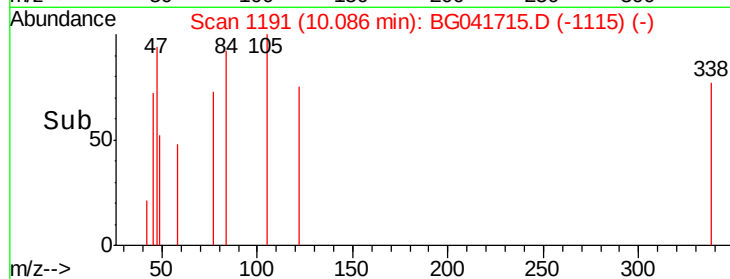
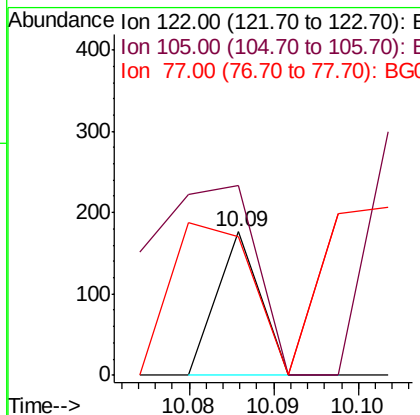
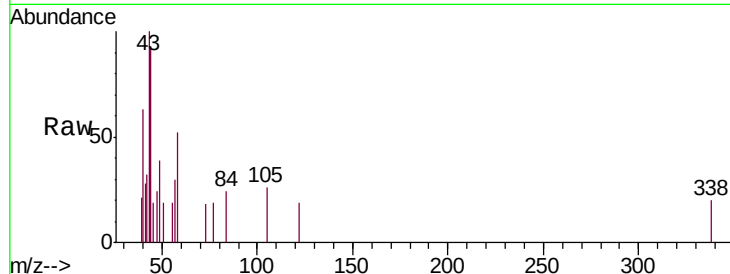




#32
Benzoic acid
Concen: 6.023 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.08 min
Lab File: BG041715.D
Acq: 18 Jul 2019 18:26

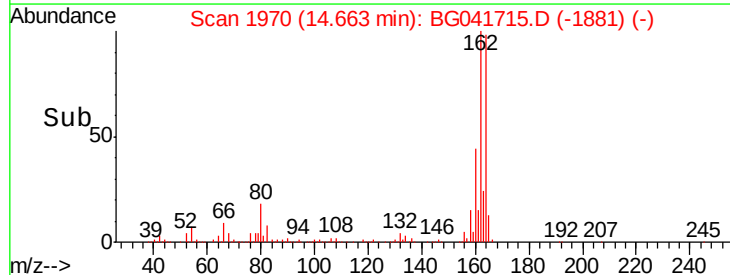
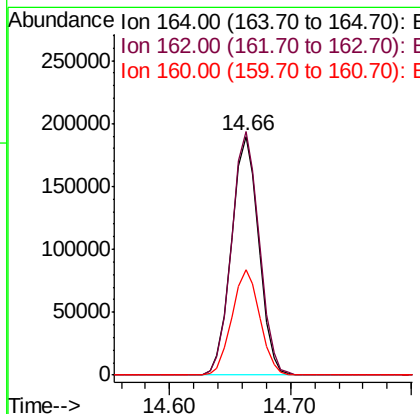
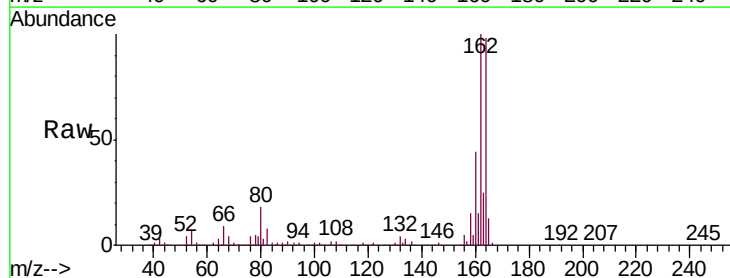
Instrument :
BNA_G
ClientSampleId :
TW-6

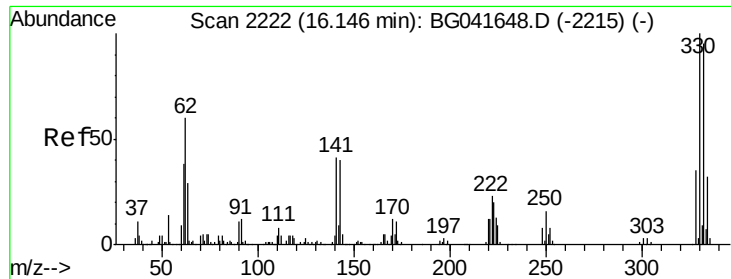
Tgt Ion:122 Resp: 62
Ion Ratio Lower Upper
122 100
105 133.0 101.5 141.5
77 96.6 73.0 113.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041715.D
Acq: 18 Jul 2019 18:26

Tgt Ion:164 Resp: 299076
Ion Ratio Lower Upper
164 100
162 102.1 79.6 119.4
160 44.4 35.4 53.0

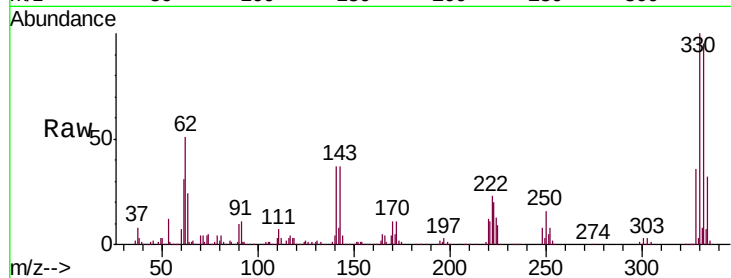




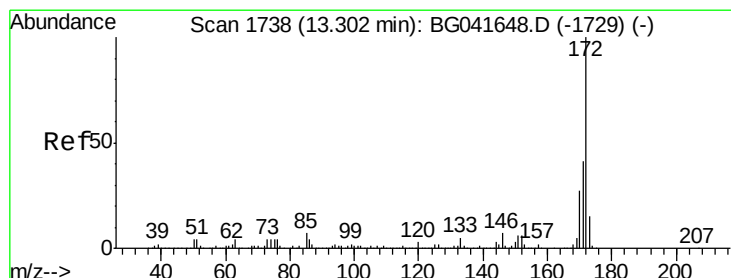
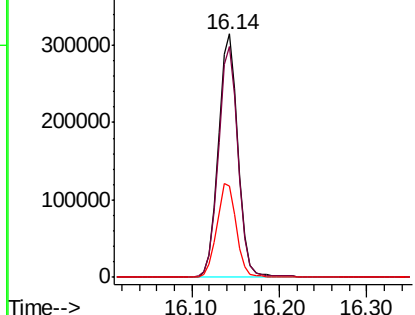
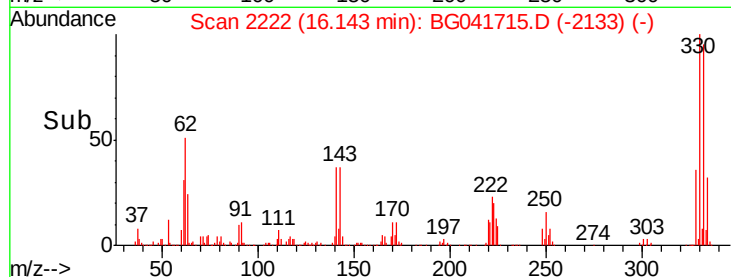
#42
 2,4,6-Tribromophenol
 Concen: 145.248 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG041715.D
 Acq: 18 Jul 2019 18:26

Instrument :
 BNA_G
 ClientSampleId :
 TW-6

Tgt Ion:330 Resp: 489563
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.4 116.0
 141 38.4 31.9 47.9

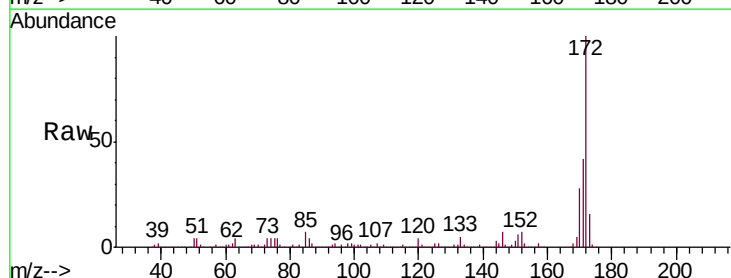


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

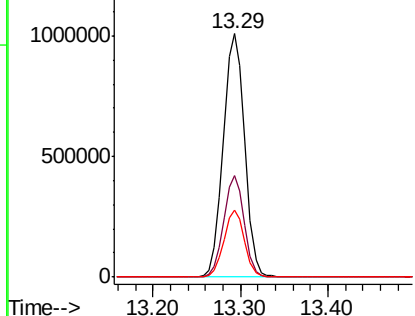
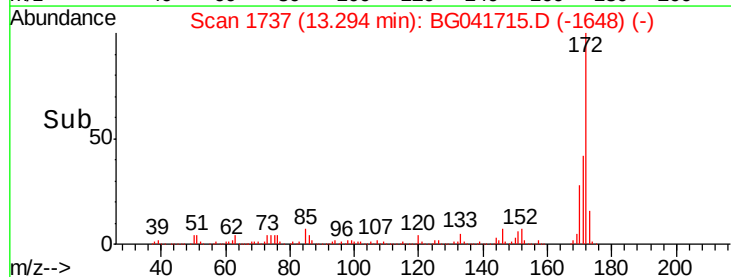


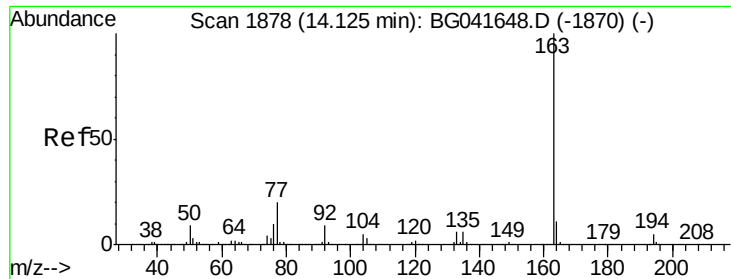
#45
 2-Fluorobiphenyl
 Concen: 88.283 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG041715.D
 Acq: 18 Jul 2019 18:26

Tgt Ion:172 Resp: 1705085
 Ion Ratio Lower Upper
 172 100
 171 41.7 35.0 52.4
 170 27.8 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: 5.492 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BG041715.D

Acq: 18 Jul 2019 18:26

Instrument :

BNA_G

ClientSampleId :

TW-6

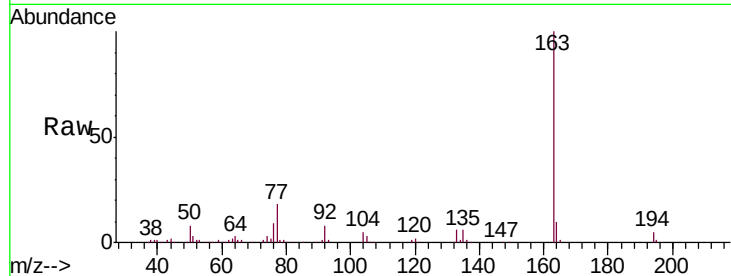
Tgt Ion:163 Resp: 129001

Ion Ratio Lower Upper

163 100

194 5.1 4.2 6.2

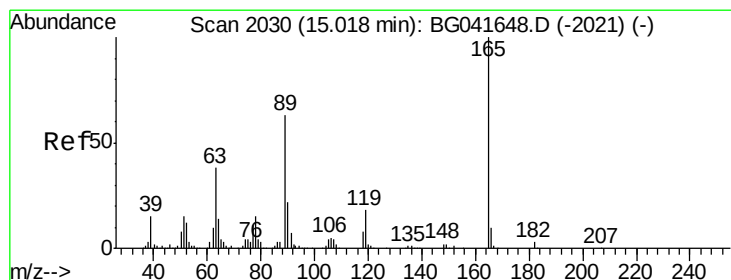
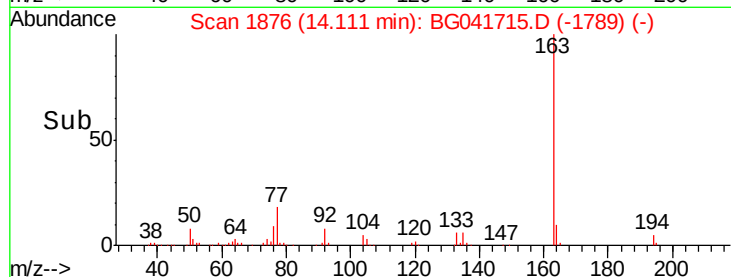
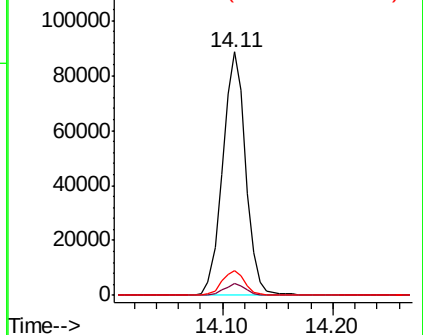
164 10.2 9.4 14.2



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



#57

2,4-Dinitrotoluene

Concen: 6.017 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.36 min

Lab File: BG041715.D

Acq: 18 Jul 2019 18:26

Tgt Ion:165 Resp: 39628

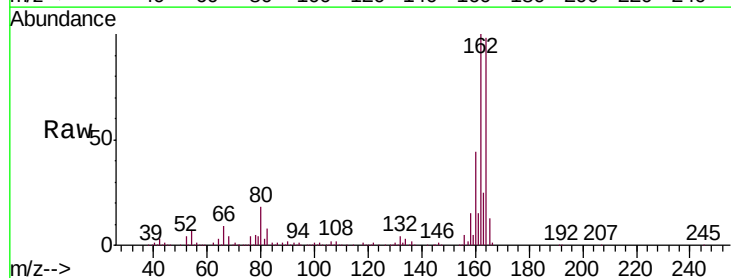
Ion Ratio Lower Upper

165 100

63 0.0 31.7 47.5#

89 1.6 50.2 75.4#

182 0.0 2.6 4.0#

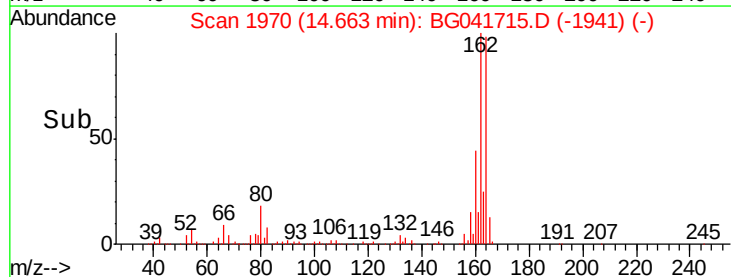
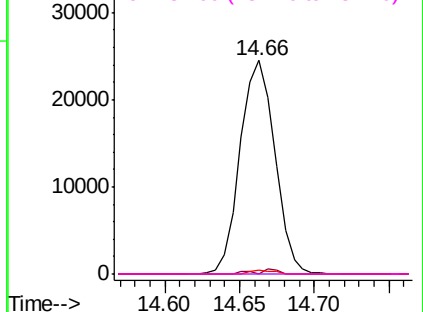


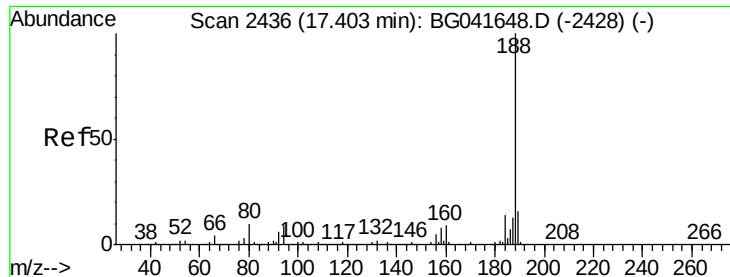
Abundance Ion 165.00 (164.70 to 165.70): E

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

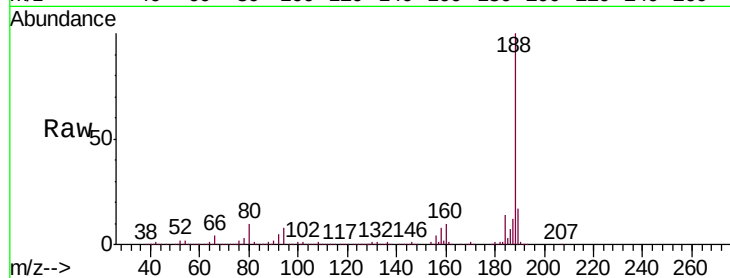




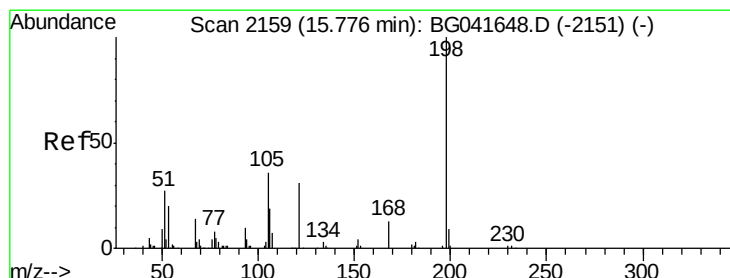
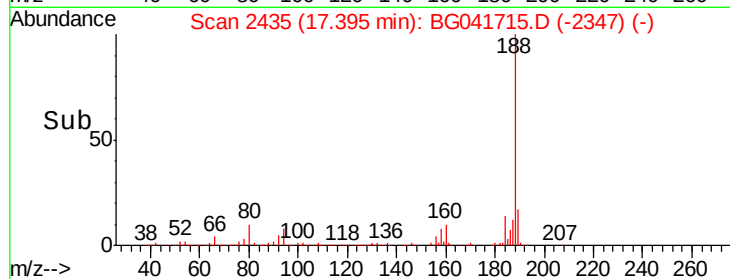
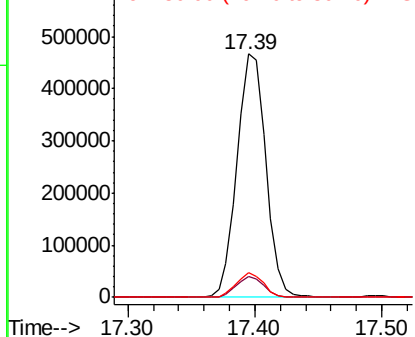
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG041715.D
Acq: 18 Jul 2019 18:26

Instrument :
BNA_G
ClientSampleId :
TW-6

Tgt Ion:188 Resp: 733928
Ion Ratio Lower Upper
188 100
94 8.3 6.9 10.3
80 9.9 8.0 12.0

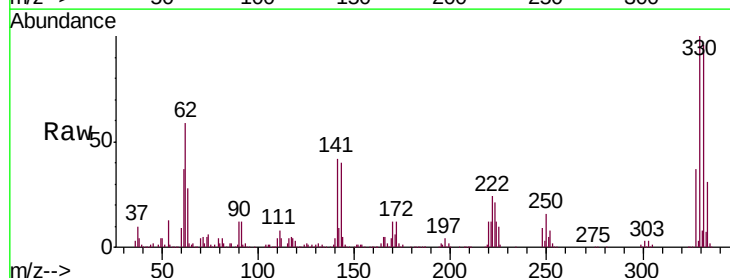


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

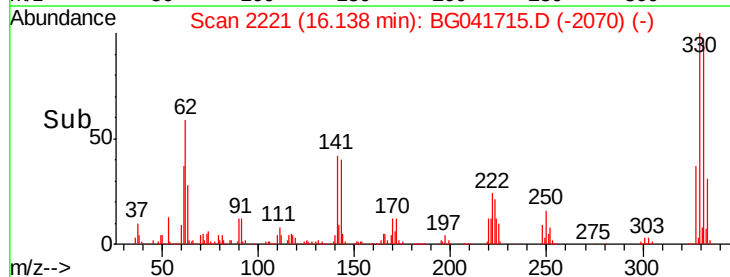
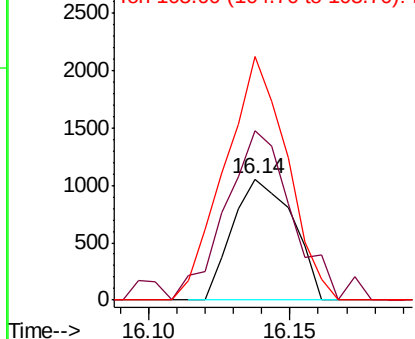


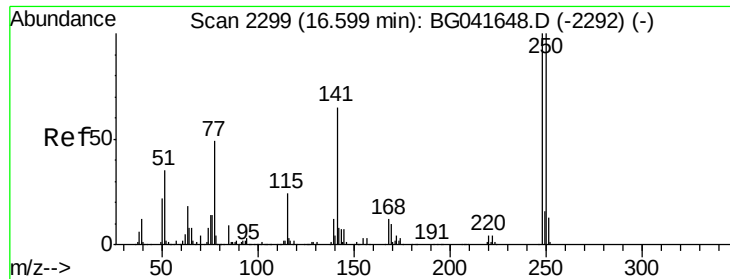
#65
4,6-Dinitro-2-methylphenol
Concen: 7.059 ng
RT: 16.14 min Scan# 2221
Delta R.T. 0.36 min
Lab File: BG041715.D
Acq: 18 Jul 2019 18:26

Tgt Ion:198 Resp: 1557
Ion Ratio Lower Upper
198 100
51 140.0 22.3 62.3#
105 201.2 18.0 58.0#



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

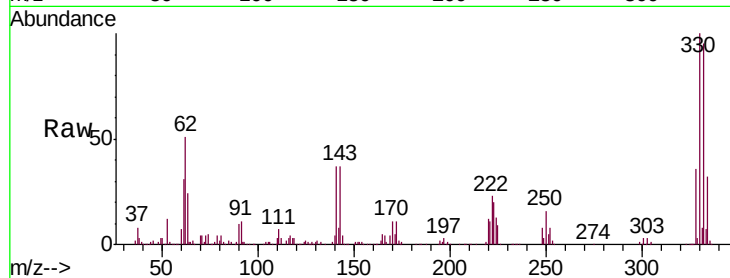




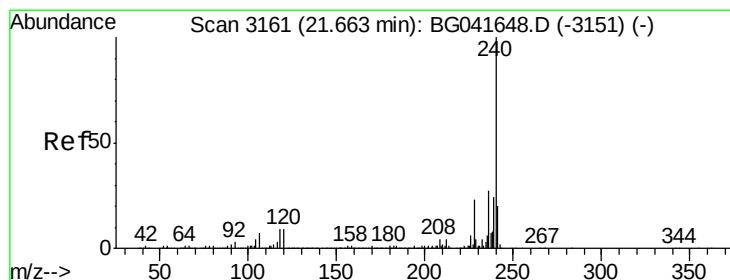
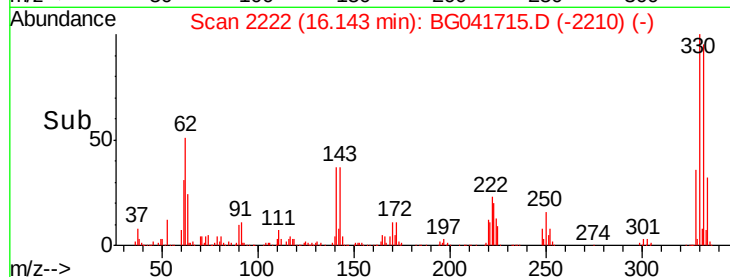
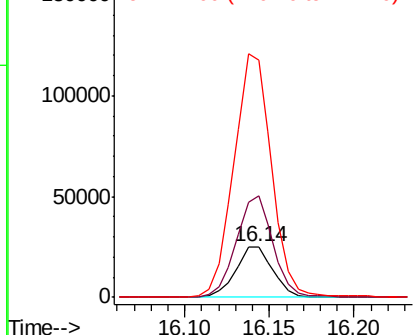
#67
 4-Bromophenyl-phenylether
 Concen: 4.429 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.46 min
 Lab File: BG041715.D
 Acq: 18 Jul 2019 18:26

Instrument :
 BNA_G
 ClientSampleId :
 TW-6

Tgt Ion:248 Resp: 38677
 Ion Ratio Lower Upper
 248 100
 250 200.7 78.1 117.1#
 141 468.5 49.6 74.4#

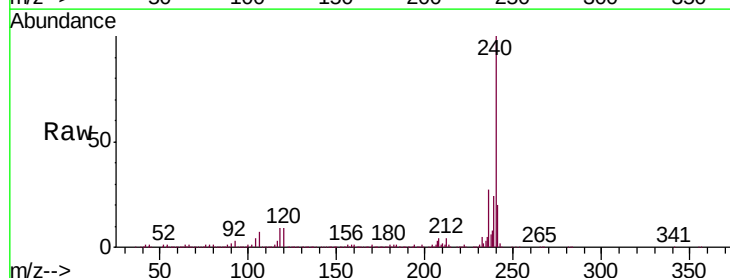


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

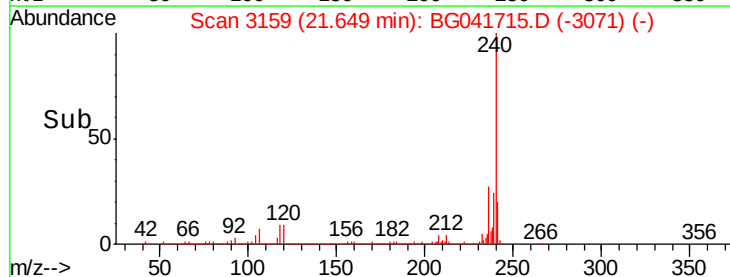
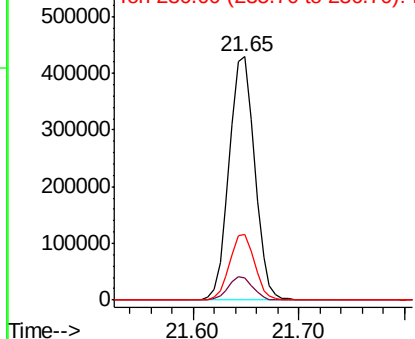


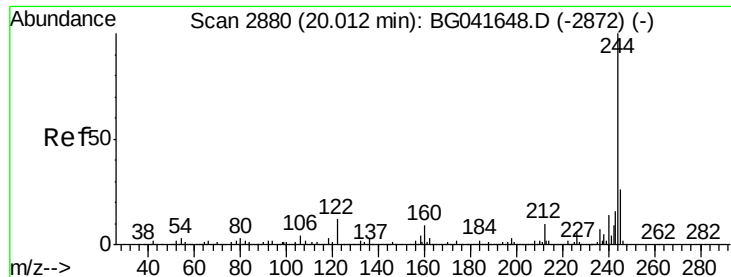
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3159
 Delta R.T. -0.01 min
 Lab File: BG041715.D
 Acq: 18 Jul 2019 18:26

Tgt Ion:240 Resp: 717797
 Ion Ratio Lower Upper
 240 100
 120 8.9 8.0 12.0
 236 27.0 22.6 33.8



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





#79

Terphenyl-d14

Concen: 81.278 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG041715.D

Acq: 18 Jul 2019 18:26

Instrument :

BNA_G

ClientSampleId :

TW-6

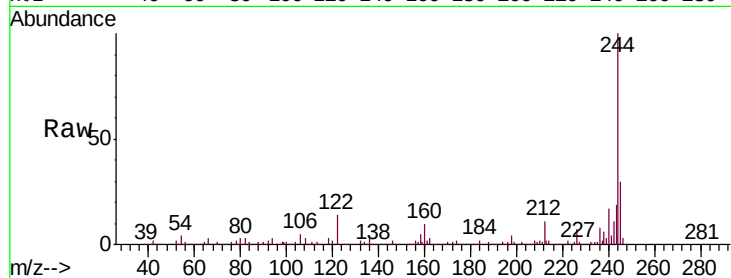
Tgt Ion:244 Resp: 2496543

Ion Ratio Lower Upper

244 100

212 11.3 9.7 14.5

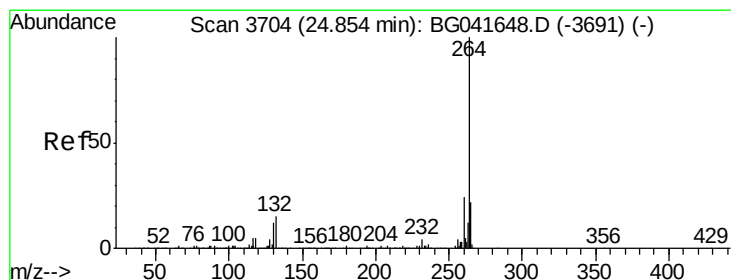
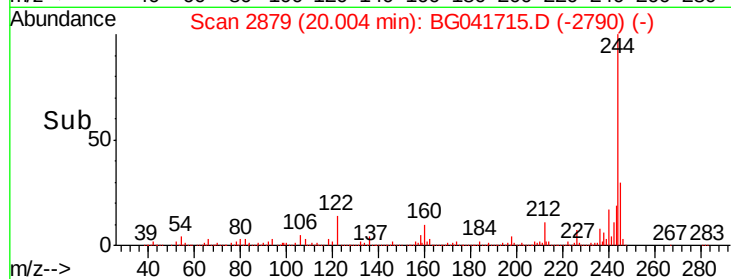
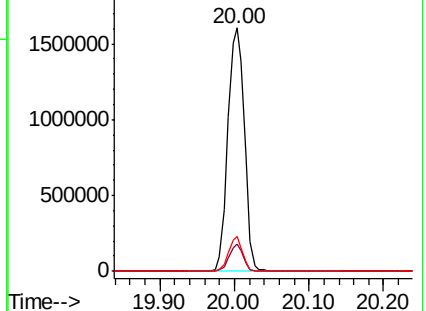
122 14.2 12.5 18.7



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.84 min Scan# 3702

Delta R.T. -0.02 min

Lab File: BG041715.D

Acq: 18 Jul 2019 18:26

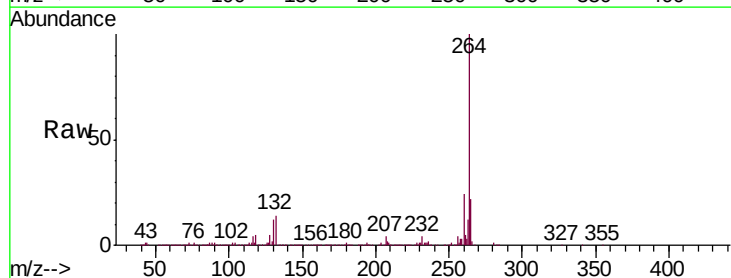
Tgt Ion:264 Resp: 799524

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 22.4 18.0 27.0



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

