

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102519\
 Data File : BG043345.D
 Acq On : 25 Oct 2019 18:40
 Operator : JU
 Sample : K5514-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-WATER

Quant Time: Oct 25 23:08:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

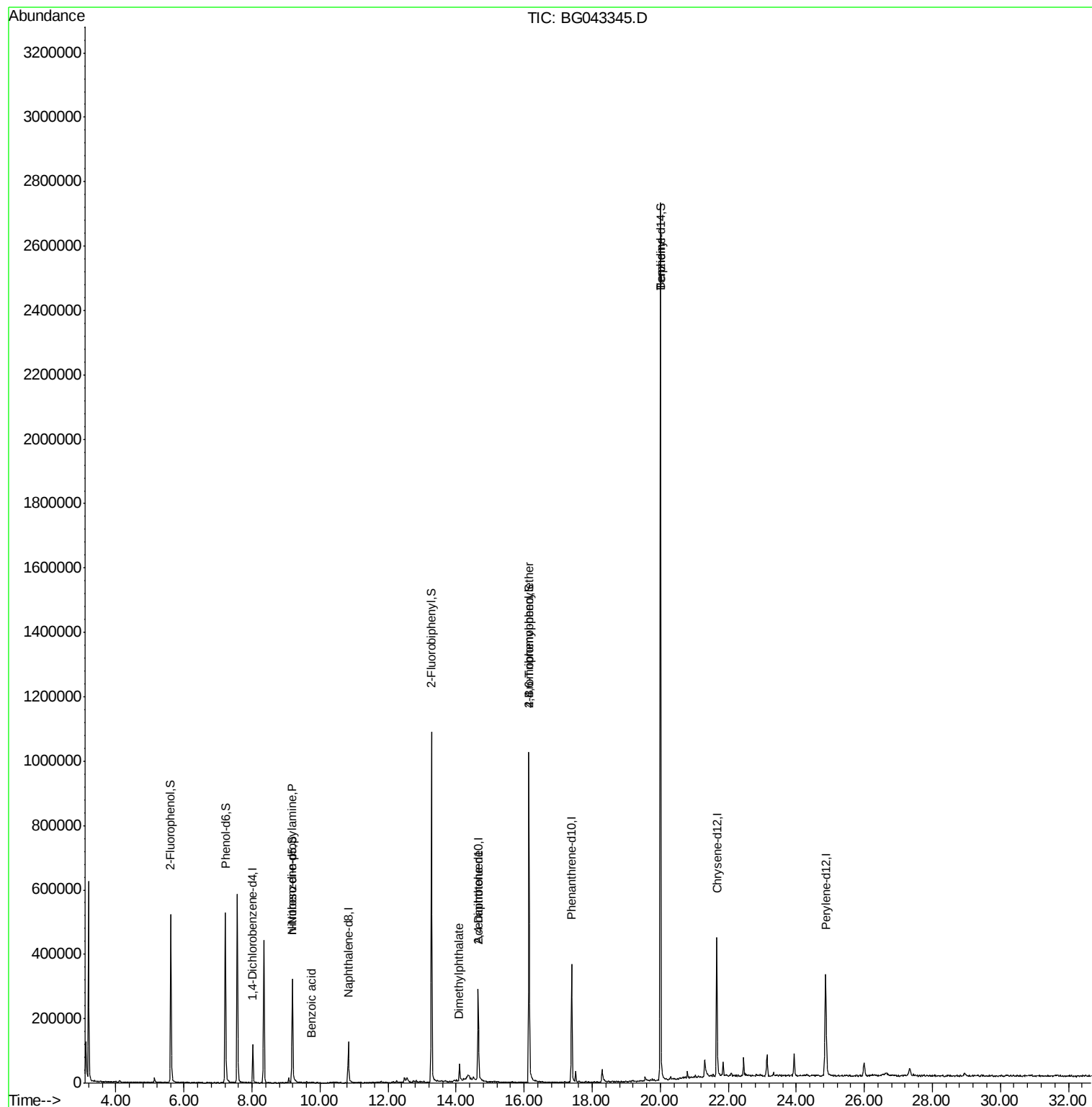
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	35513	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	131623	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	105188	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	264985	20.00	ng	0.00
76) Chrysene-d12	21.67	240	298185	20.00	ng	0.00
87) Perylene-d12	24.86	264	348776	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	250296	129.15	ng	0.00
7) Phenol-d6	7.22	99	344599	123.59	ng	0.01
23) Nitrobenzene-d5	9.19	82	212652	83.29	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	251741	125.76	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	638437	83.87	ng	0.00
79) Terphenyl-d14	20.01	244	1451398	91.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	30884	17.141	ng	# 75
32) Benzoic acid	9.75	122	54	9.083	ng	# 1
50) Dimethylphthalate	14.10	163	37304	4.579	ng	# 98
57) 2,4-Dinitrotoluene	14.65	165	14522	5.741	ng	# 24
67) 4-Bromophenyl-phenylether	16.14	248	16202	4.543	ng	# 1
77) Benzidine	20.00	184	21863	3.643	ng	# 92

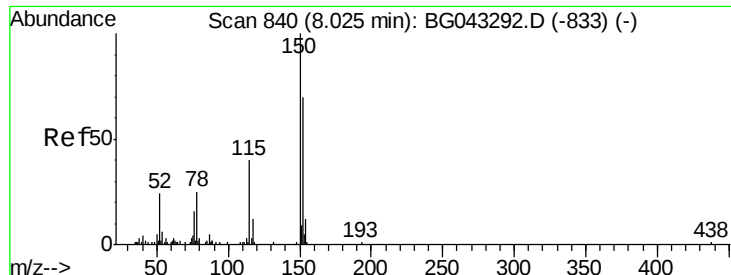
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 840

Delta R.T. -0.00 min

Lab File: BG043345.D

Acq: 25 Oct 2019 18:40

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-WATER

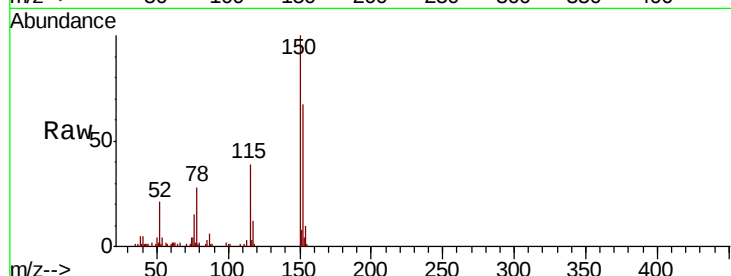
Tot Ion:152 Resp: 35513

Ion Ratio Lower Upper

152 100

150 149.4 113.6 170.4

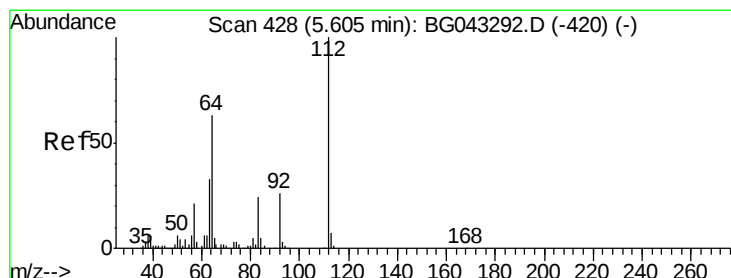
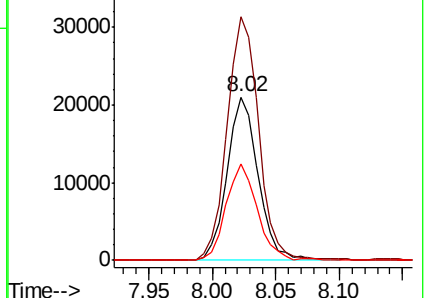
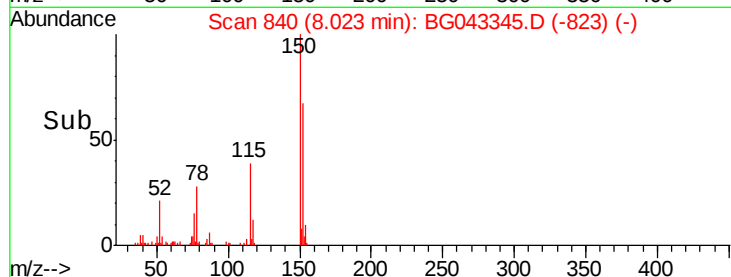
115 58.9 45.9 68.9



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: 129.151 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG043345.D

Acq: 25 Oct 2019 18:40

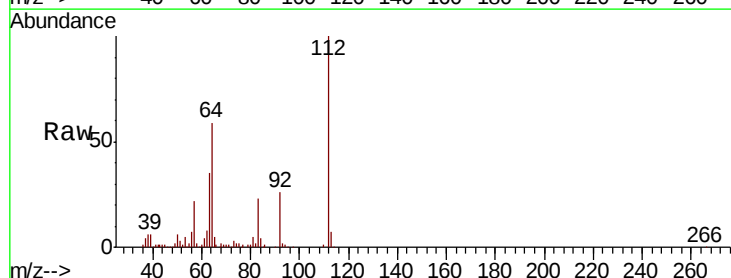
Tgt Ion:112 Resp: 250296

Ion Ratio Lower Upper

112 100

64 59.4 50.2 75.2

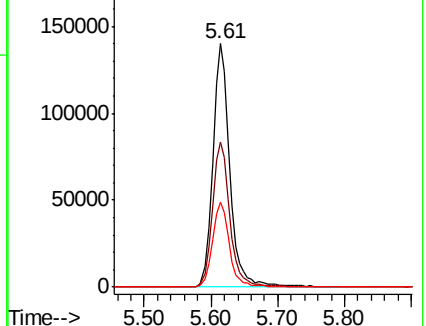
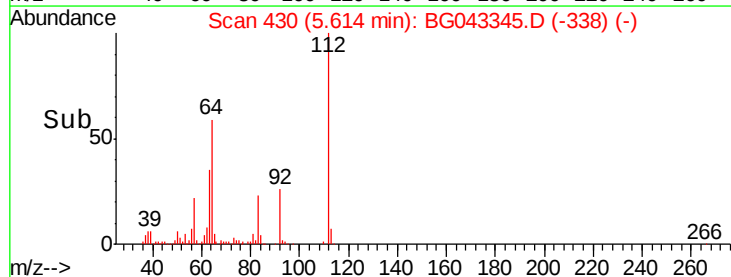
63 34.9 26.7 40.1

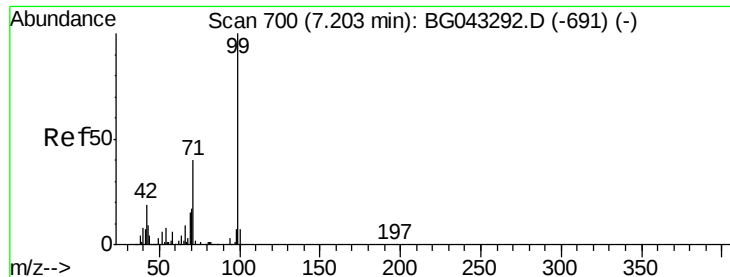


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 123.586 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG043345.D

Acq: 25 Oct 2019 18:40

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-WATER

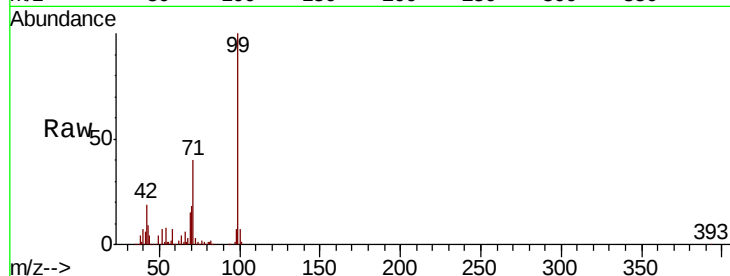
Tot Ion: 99 Resp: 344599

Ion Ratio Lower Upper

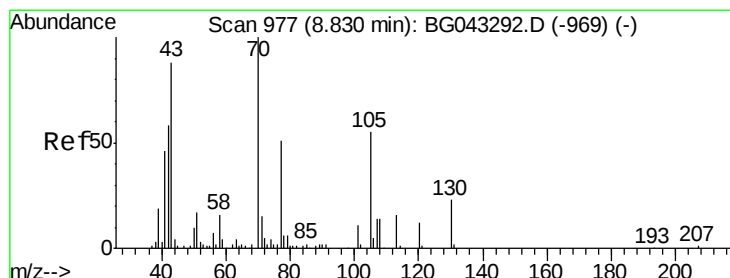
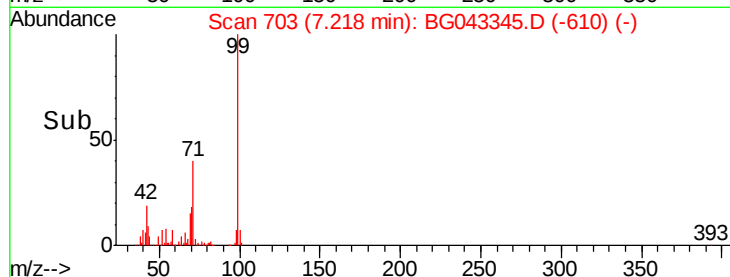
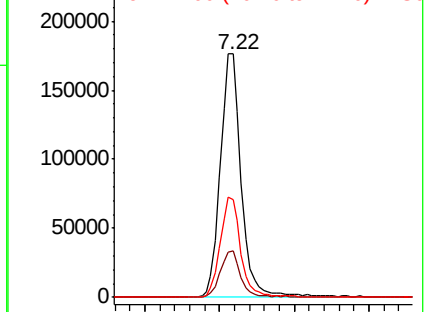
99 100

42 19.1 14.9 22.3

71 40.1 32.2 48.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.141 ng

RT: 9.19 min Scan# 1038

Delta R.T. 0.36 min

Lab File: BG043345.D

Acq: 25 Oct 2019 18:40

Tgt Ion: 70 Resp: 30884

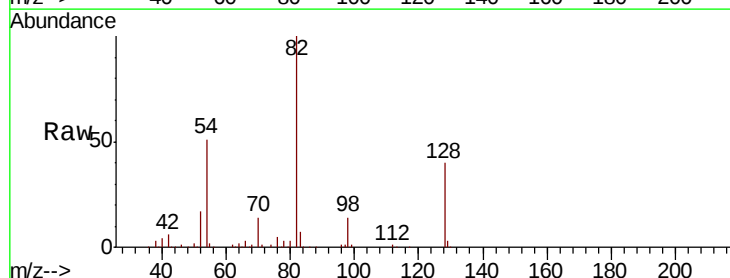
Ion Ratio Lower Upper

70 100

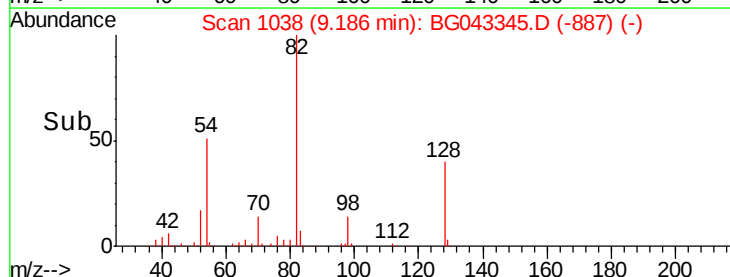
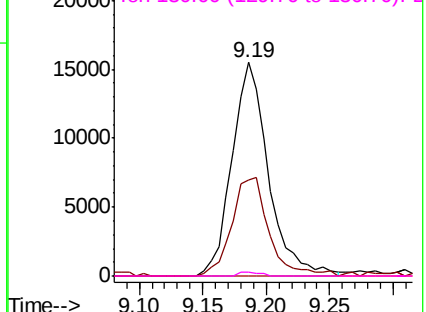
42 45.2 46.2 69.2#

101 0.0 8.6 13.0#

130 2.0 18.6 27.8#



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

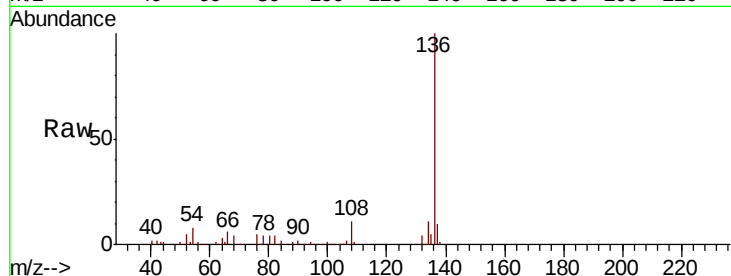




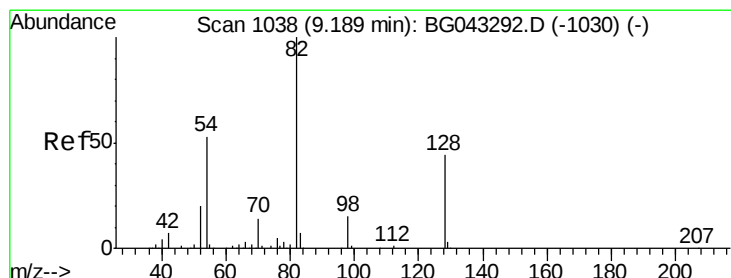
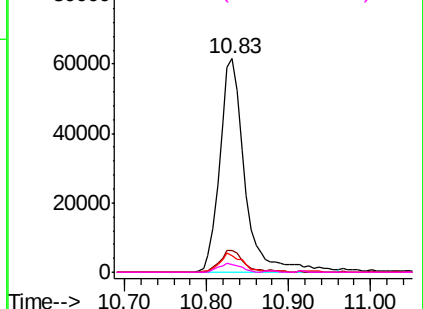
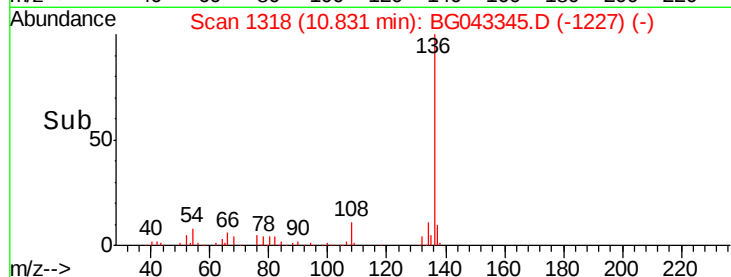
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043345.D
Acq: 25 Oct 2019 18:40

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATER

Tot Ion:136	Resp:	131623
Ion	Ratio	Lower Upper
136	100	
137	10.0	8.2 12.2
54	7.8	5.4 8.2
68	3.5	3.3 4.9

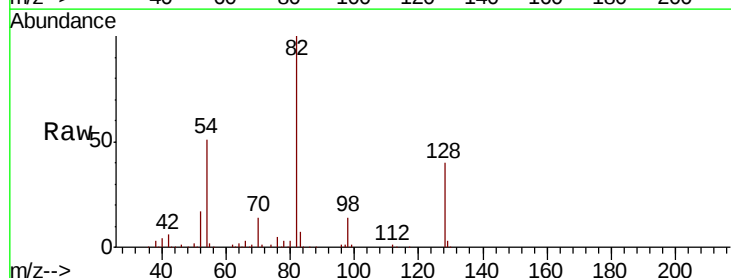


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

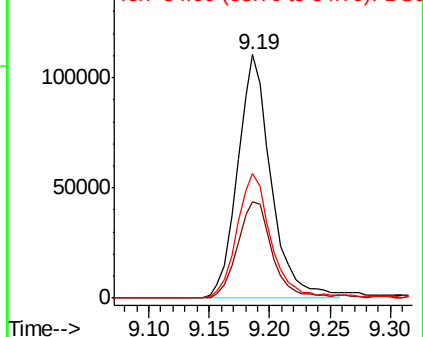
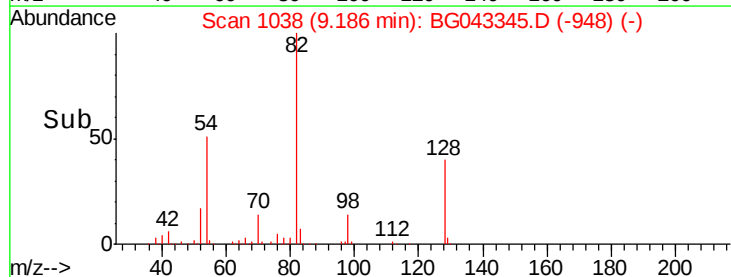


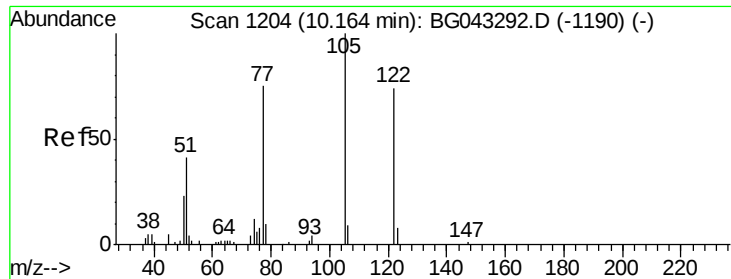
#23
Nitrobenzene-d5
Concen: 83.292 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043345.D
Acq: 25 Oct 2019 18:40

Tgt Ion: 82	Resp:	212652
Ion	Ratio	Lower Upper
82	100	
128	39.8	35.3 52.9
54	51.4	42.3 63.5



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

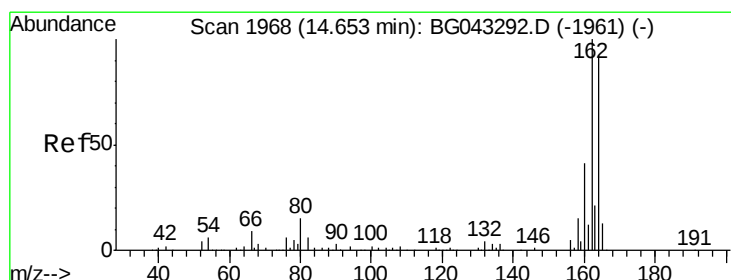
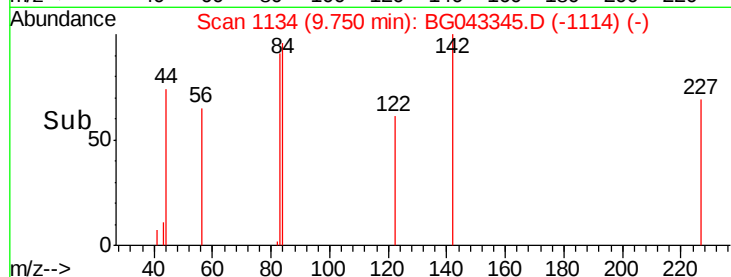
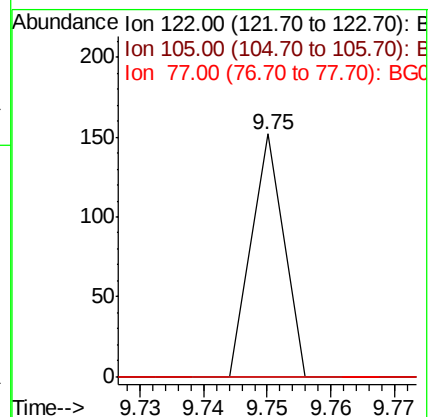
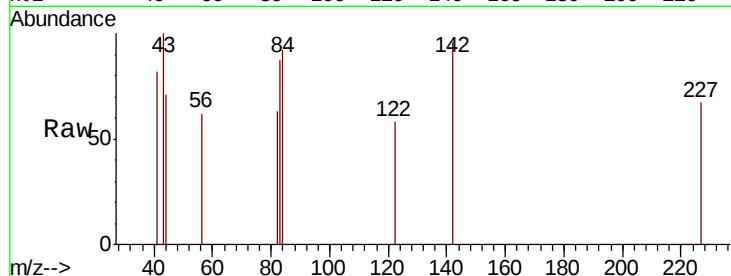




#32
Benzoic acid
Concen: 9.083 ng
RT: 9.75 min Scan# 1134
Delta R.T. -0.41 min
Lab File: BG043345.D
Acq: 25 Oct 2019 18:40

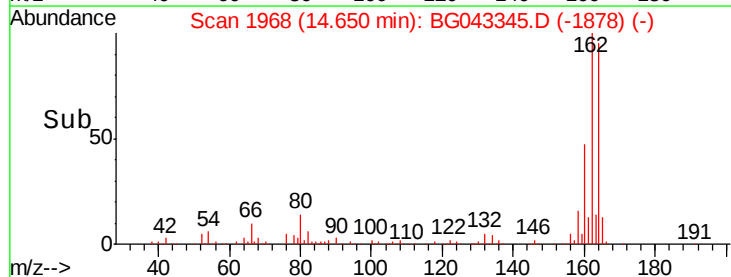
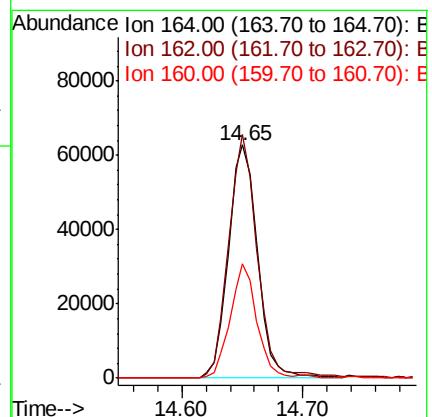
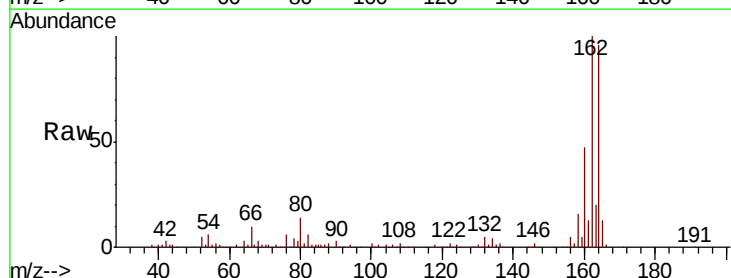
Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATER

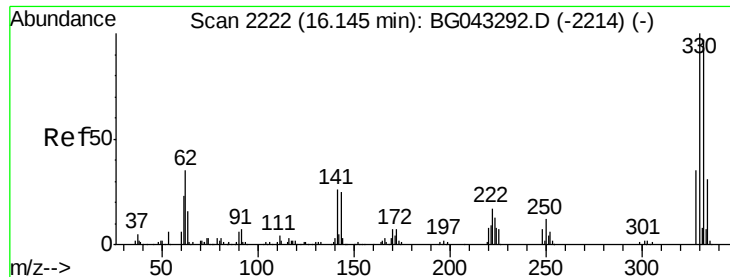
Tot Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 0.0 112.4 152.4#
77 0.0 82.7 122.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043345.D
Acq: 25 Oct 2019 18:40

Tgt Ion:164 Resp: 105188
Ion Ratio Lower Upper
164 100
162 104.5 87.0 130.4
160 49.2 35.5 53.3

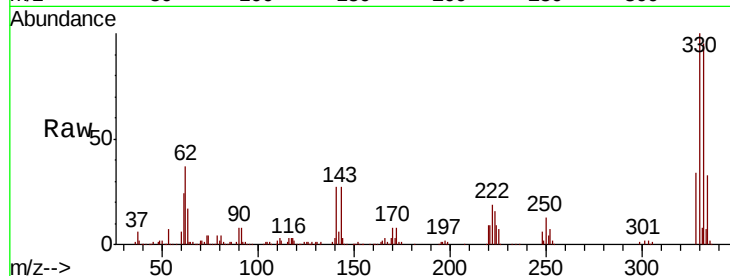




#42
 2,4,6-Tribromophenol
 Concen: 125.762 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG043345.D
 Acq: 25 Oct 2019 18:40

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-WATER

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.4	114.6
141	28.0	21.4	32.0

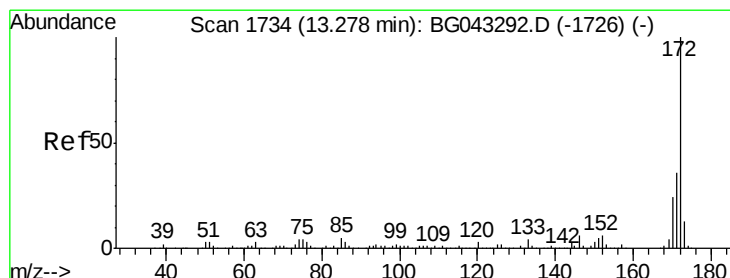
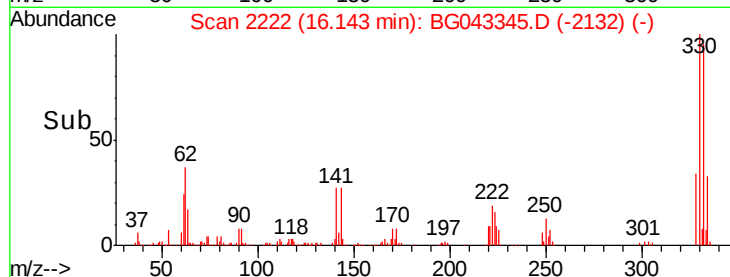
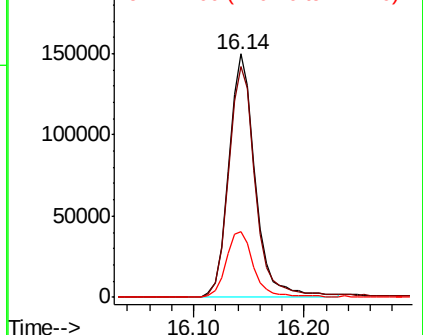


Abundance

Ion 329.80 (329.50 to 330.50): E

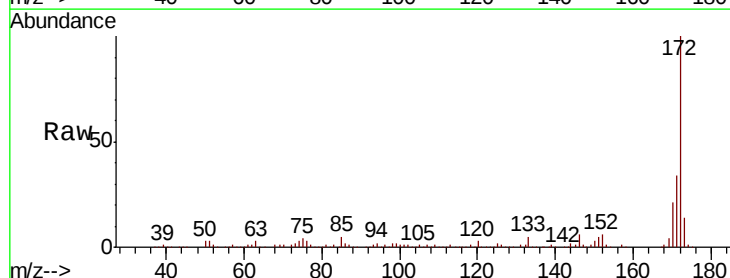
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 83.868 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043345.D
 Acq: 25 Oct 2019 18:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.5	42.7
170	21.4	18.8	28.2

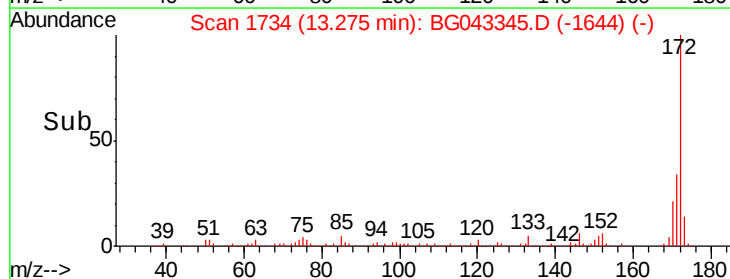
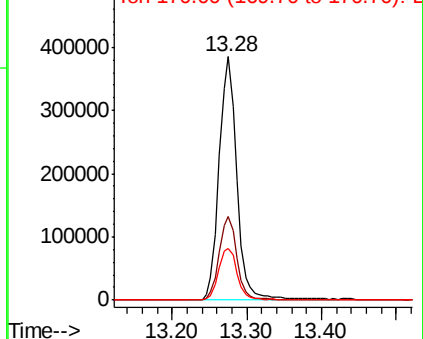


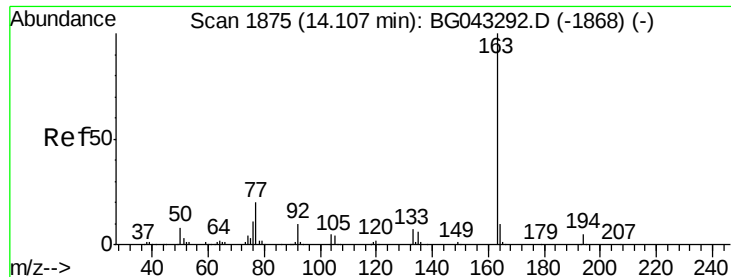
Abundance

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

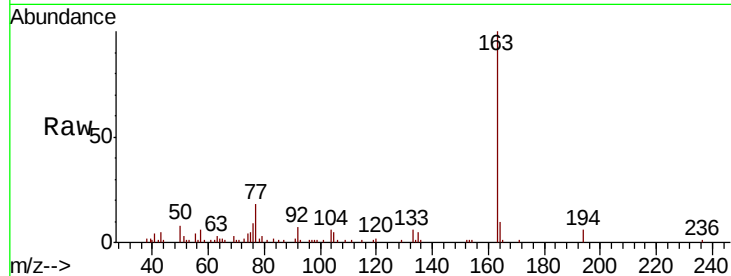




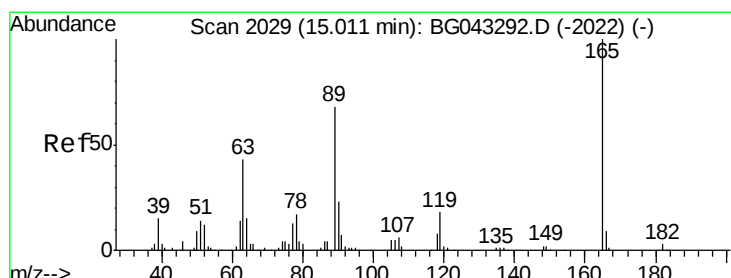
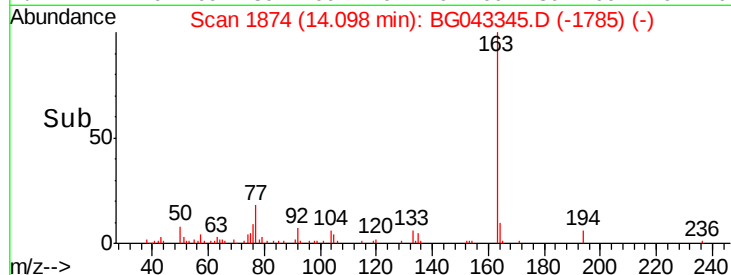
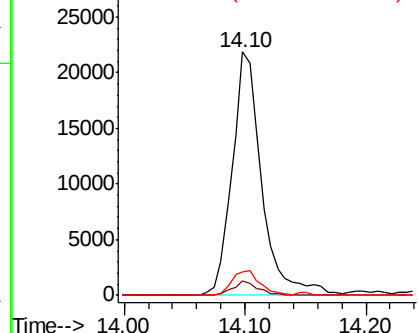
#50
Dimethylphthalate
Concen: 4.579 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043345.D
Acq: 25 Oct 2019 18:40

Instrument :
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ClientSampleId :
ROLL-OFF-WATER

Tot Ion:163 Resp: 37304
Ion Ratio Lower Upper
163 100
194 5.9 3.7 5.5#
164 9.7 8.1 12.1

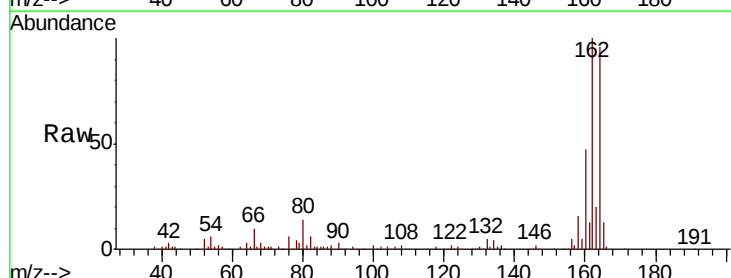


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

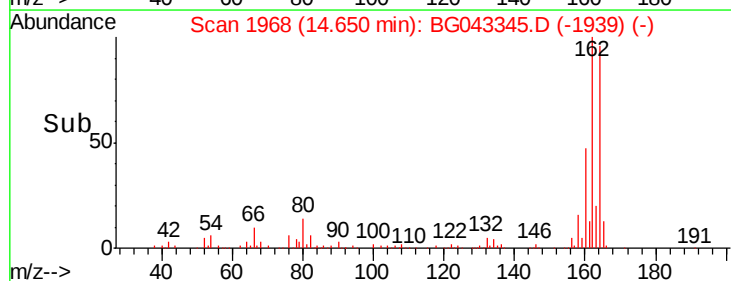
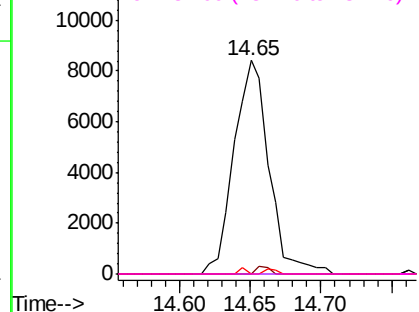


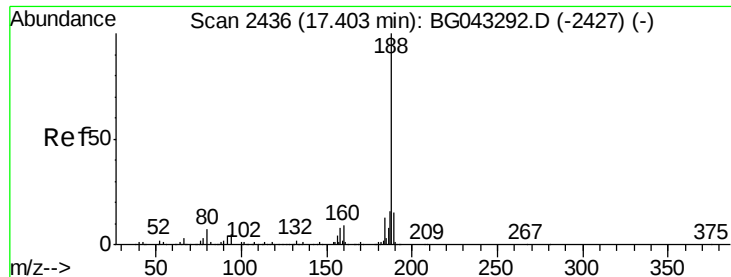
#57
2,4-Dinitrotoluene
Concen: 5.741 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.36 min
Lab File: BG043345.D
Acq: 25 Oct 2019 18:40

Tgt Ion:165 Resp: 14522
Ion Ratio Lower Upper
165 100
63 0.0 35.0 52.6#
89 0.0 54.1 81.1#
182 0.0 2.2 3.2#



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: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG043345.D

Acq: 25 Oct 2019 18:40

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-WATER

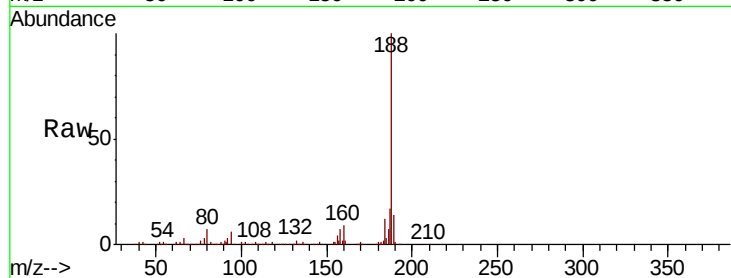
Tot Ion:188 Resp: 264985

Ion Ratio Lower Upper

188 100

94 5.9 4.2 6.2

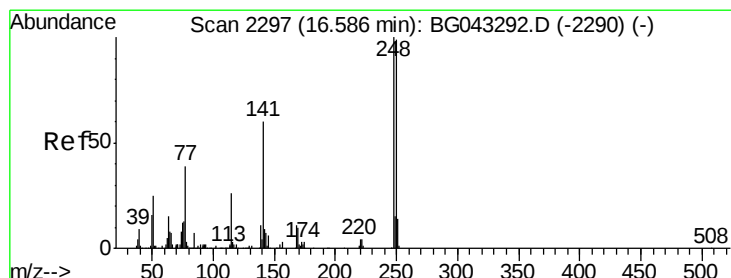
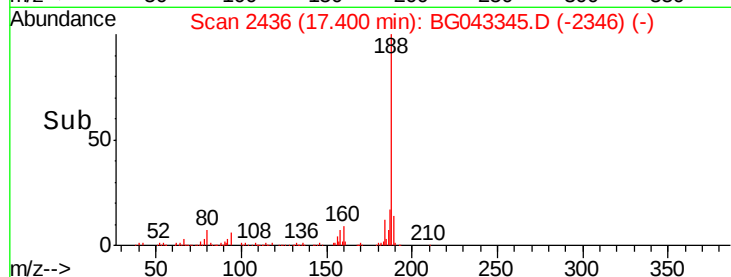
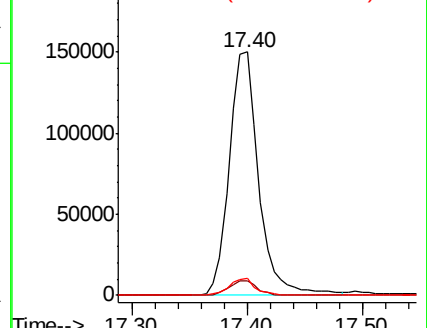
80 6.9 5.2 7.8



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: 4.543 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.44 min

Lab File: BG043345.D

Acq: 25 Oct 2019 18:40

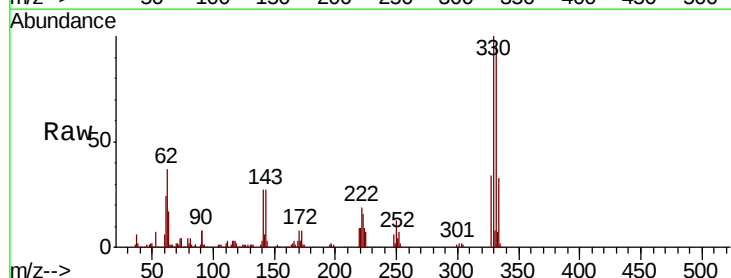
Tgt Ion:248 Resp: 16202

Ion Ratio Lower Upper

248 100

250 198.1 79.3 118.9#

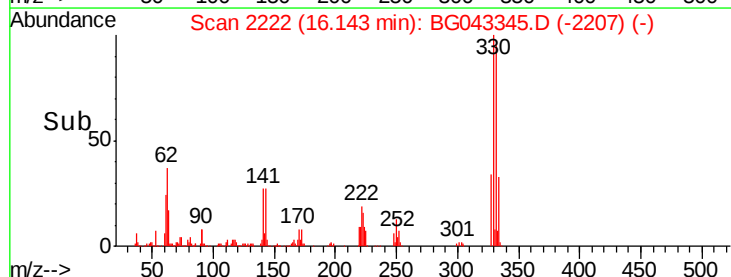
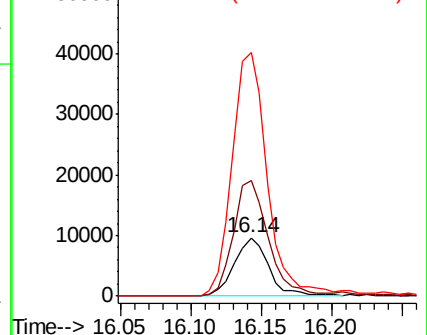
141 416.8 47.9 71.9#

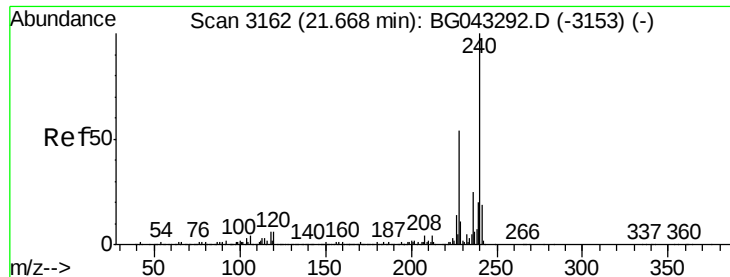


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG043345.D

Acq: 25 Oct 2019 18:40

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-WATER

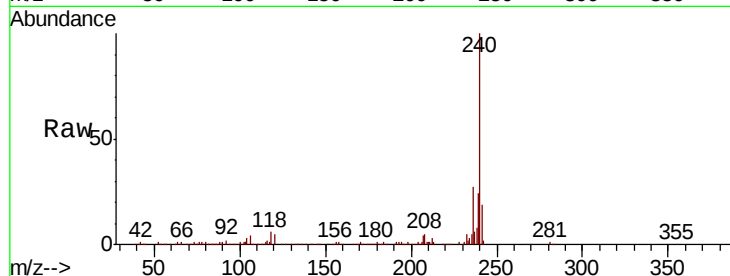
Tot Ion:240 Resp: 298185

Ion Ratio Lower Upper

240 100

120 5.4 4.6 7.0

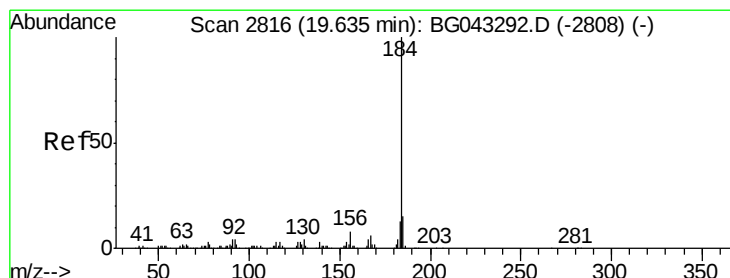
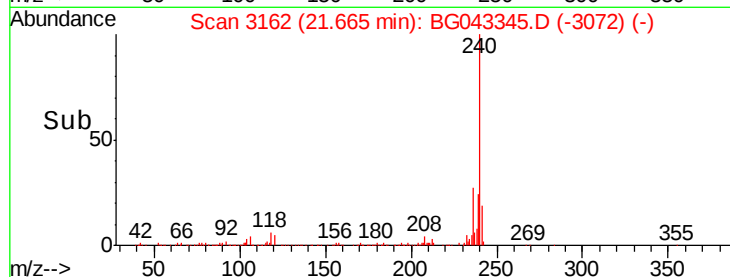
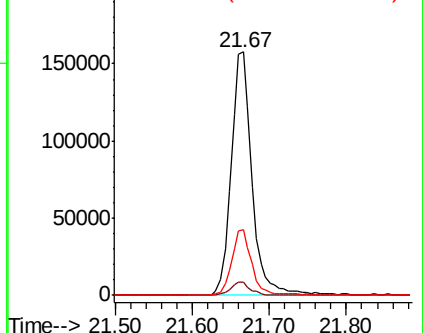
236 26.8 20.2 30.4



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



#77

Benzidine

Concen: 3.643 ng

RT: 20.00 min Scan# 2879

Delta R.T. 0.37 min

Lab File: BG043345.D

Acq: 25 Oct 2019 18:40

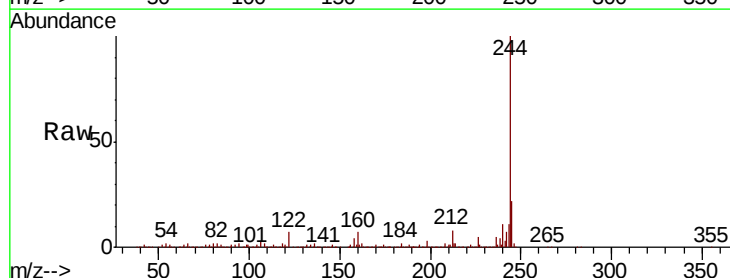
Tgt Ion:184 Resp: 21863

Ion Ratio Lower Upper

184 100

185 15.4 11.8 17.6

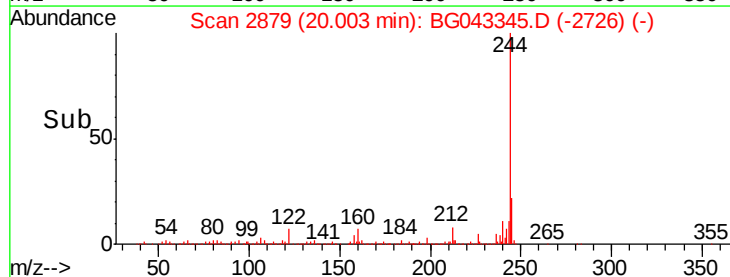
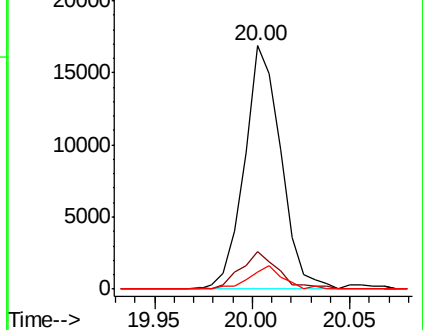
183 6.9 10.6 16.0#

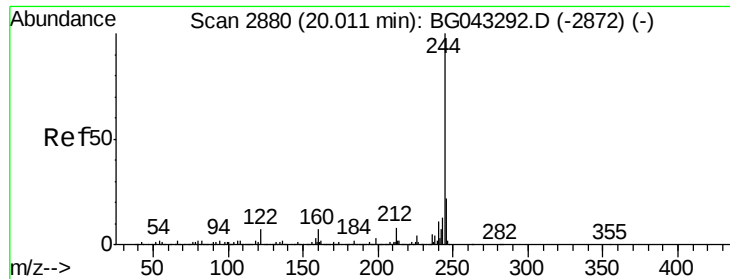


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 91.316 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG043345.D

Acq: 25 Oct 2019 18:40

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-WATER

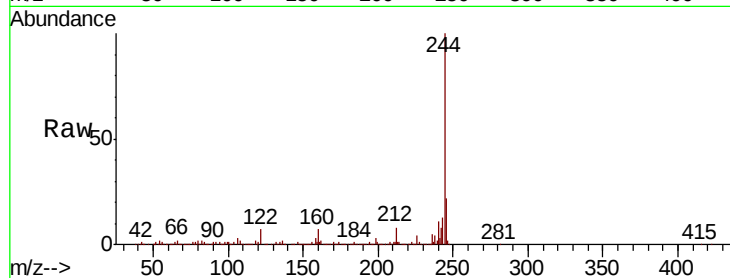
Tot Ion:244 Resp: 1451398

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

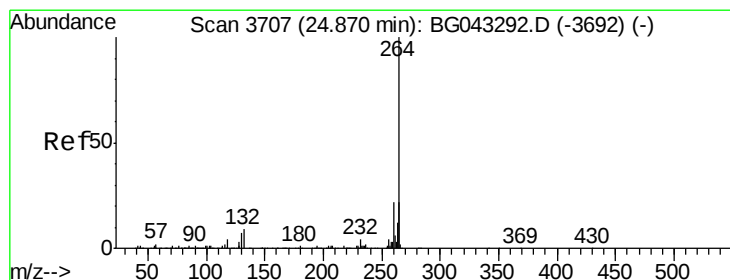
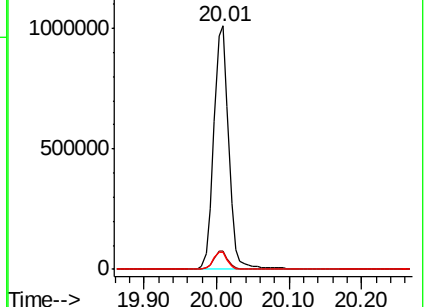
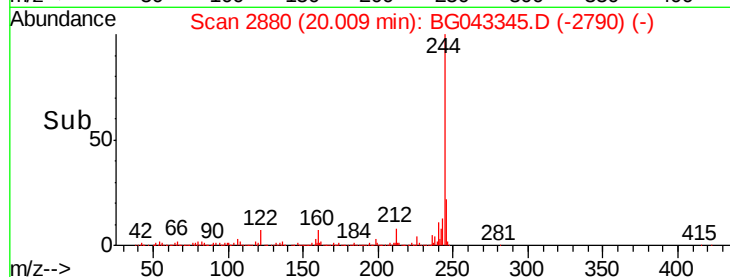
122 7.1 5.3 7.9



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: 24.86 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG043345.D

Acq: 25 Oct 2019 18:40

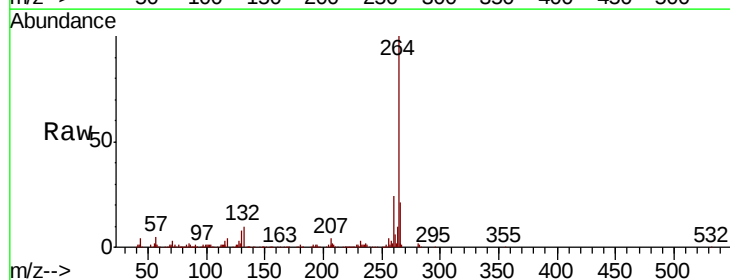
Tgt Ion:264 Resp: 348776

Ion Ratio Lower Upper

264 100

260 24.0 17.9 26.9

265 20.8 17.4 26.2



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

