

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080119\
 Data File : BG041855.D
 Acq On : 1 Aug 2019 9:48
 Operator : HP/JU
 Sample : K4048-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OWL-C8-GW

Quant Time: Aug 01 14:11:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	96746	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	367320	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	267547	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	597568	20.00	ng	0.00
76) Chrysene-d12	21.74	240	632239	20.00	ng	0.00
87) Perylene-d12	25.01	264	725279	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	265582	53.41	ng	0.00
7) Phenol-d6	7.19	99	231282	34.50	ng	0.00
23) Nitrobenzene-d5	9.21	82	502540	94.15	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	400554	131.81	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1332251	87.82	ng	0.00
79) Terphenyl-d14	20.07	244	2024276	73.26	ng	0.00

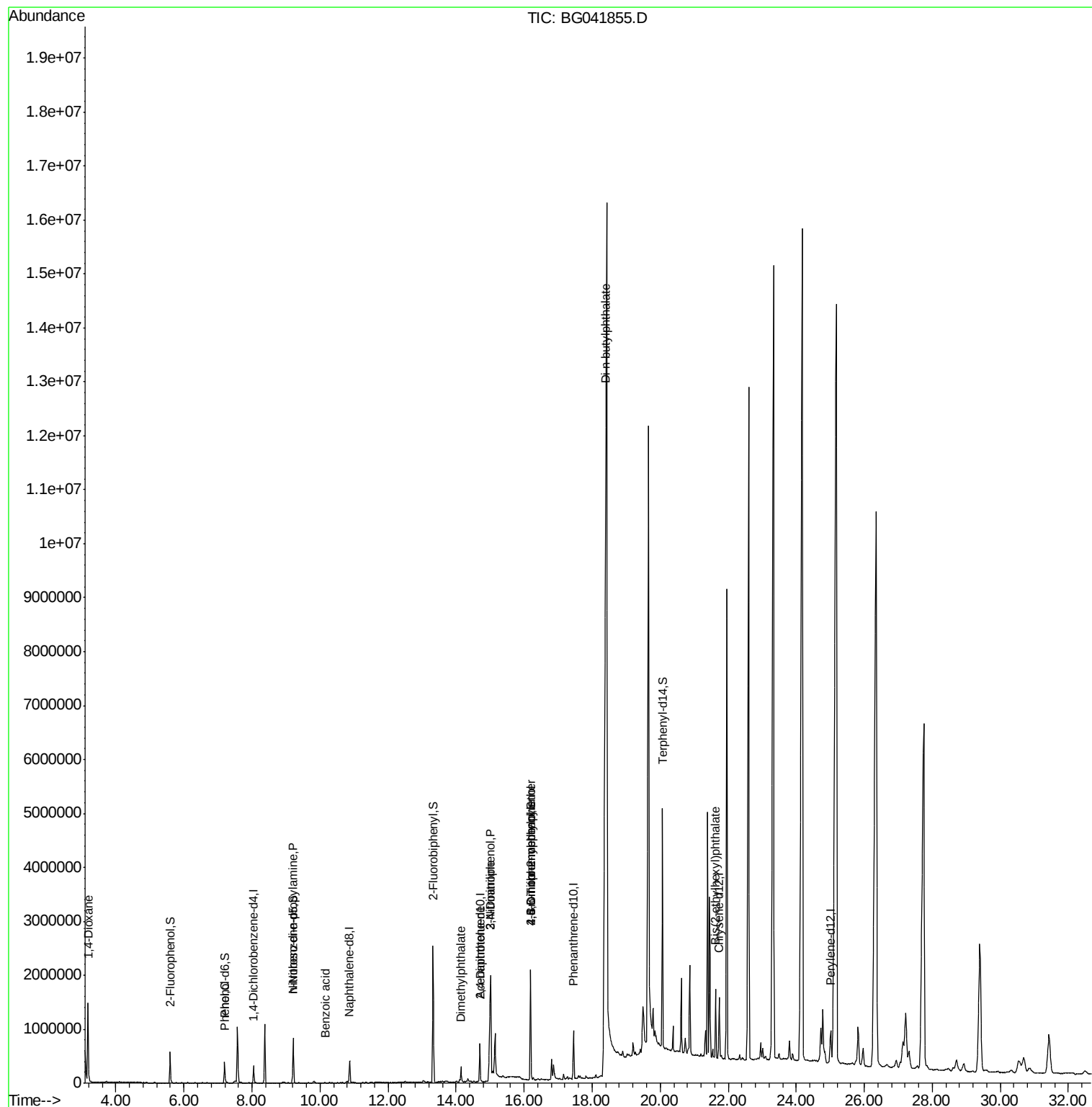
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.18	88	15768	6.737	ng	# 1
10) Phenol	7.22	94	15176	2.176	ng	# 84
19) n-Nitroso-di-n-propylamine	9.21	70	68021	13.976	ng	# 69
32) Benzoic acid	10.16	122	129	8.760	ng	# 42
50) Dimethylphthalate	14.15	163	196531	10.756	ng	# 99
53) 3-Nitroaniline	15.01	138	26188	6.407	ng	# 7
54) 2,4-Dinitrophenol	15.01	184	796	3.733	ng	# 16
57) 2,4-Dinitrotoluene	14.70	165	34735	6.611	ng	# 30
65) 4,6-Dinitro-2-methylphenol	16.19	198	1282	7.228	ng	# 1
67) 4-Bromophenyl-phenylether	16.19	248	30070	4.085	ng	# 1
74) Di-n-butylphthalate	18.40	149	71724	2.467	ng	# 98
84) Bis(2-ethylhexyl)phthalate	21.63	149	570793	28.812	ng	# 95

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BG041855.D

Acq: 1 Aug 2019 9:48

Instrument :

BNA_G

ClientSampleId :

OWL-C8-GW

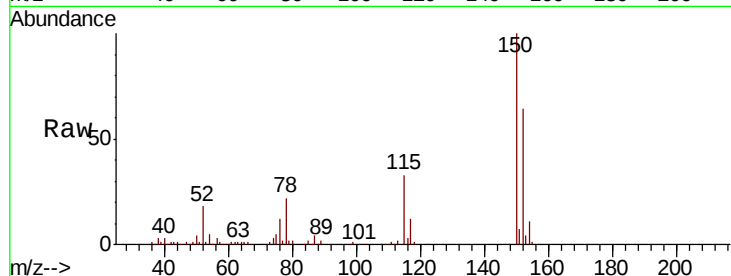
Tot Ion:152 Resp: 96746

Ion Ratio Lower Upper

152 100

150 155.4 126.9 190.3

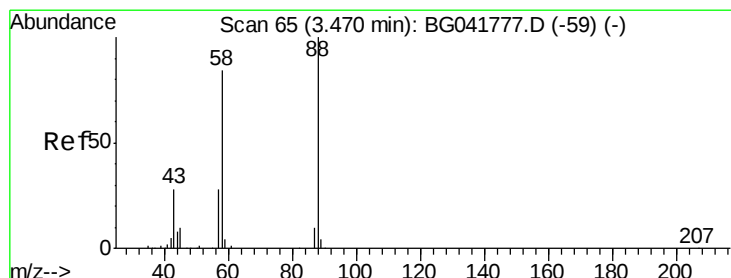
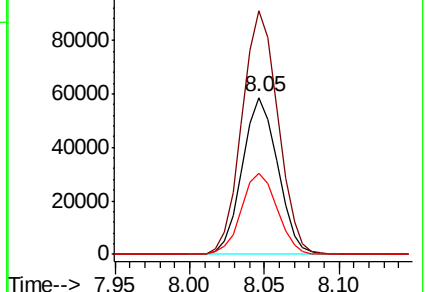
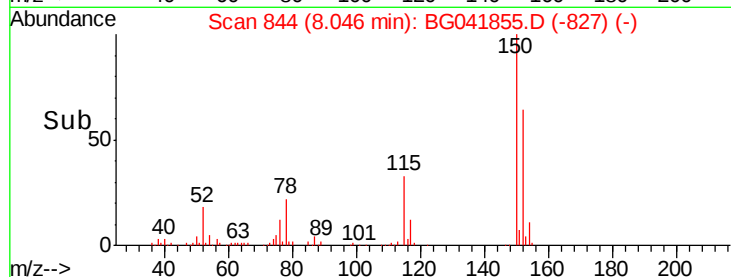
115 51.5 45.0 67.6



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



#2

1,4-Dioxane

Concen: 6.737 ng

RT: 3.18 min Scan# 15

Delta R.T. -0.29 min

Lab File: BG041855.D

Acq: 1 Aug 2019 9:48

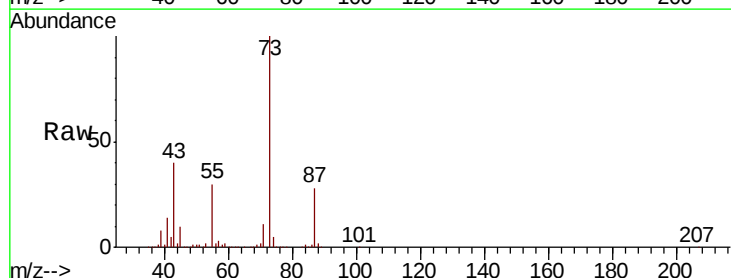
Tgt Ion: 88 Resp: 15768

Ion Ratio Lower Upper

88 100

58 37.5 76.2 114.2#

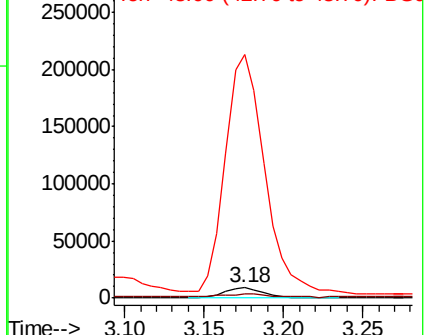
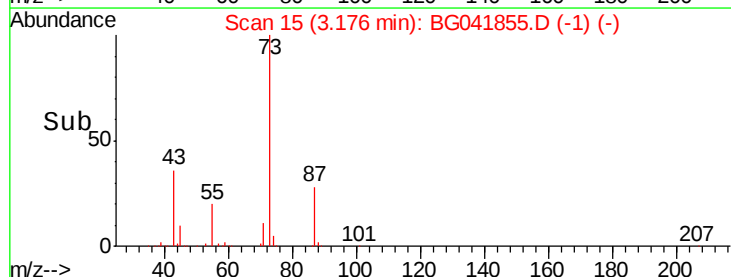
43 2321.1 27.2 40.8#

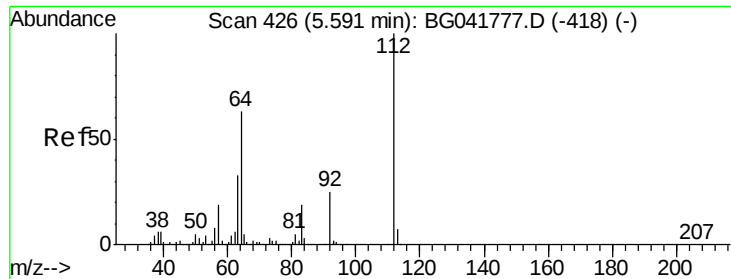


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 53.410 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.01 min

Lab File: BG041855.D

Acq: 1 Aug 2019 9:48

Instrument :

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ClientSampleId :

OWL-C8-GW

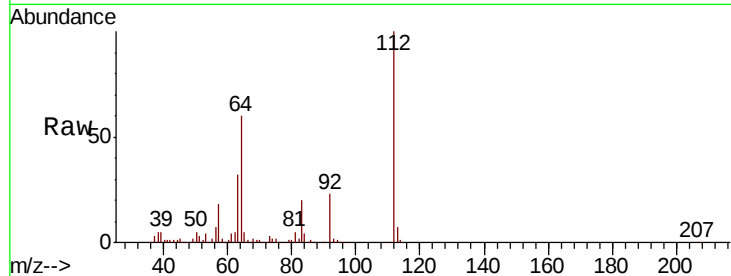
Tot Ion:112 Resp: 265582

Ion Ratio Lower Upper

112 100

64 60.3 55.4 83.2

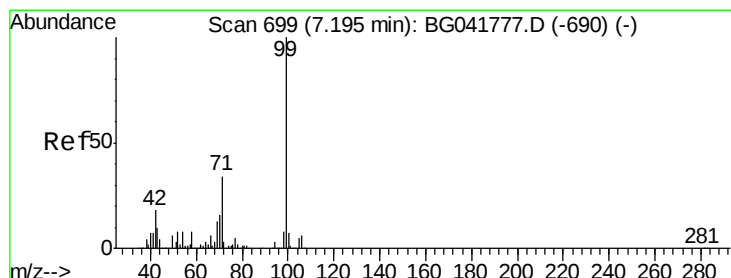
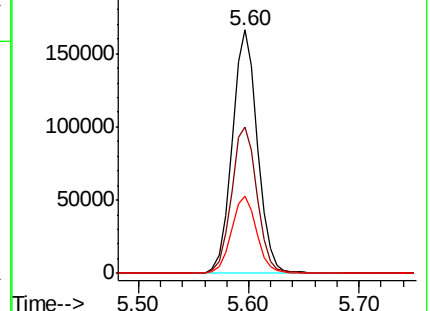
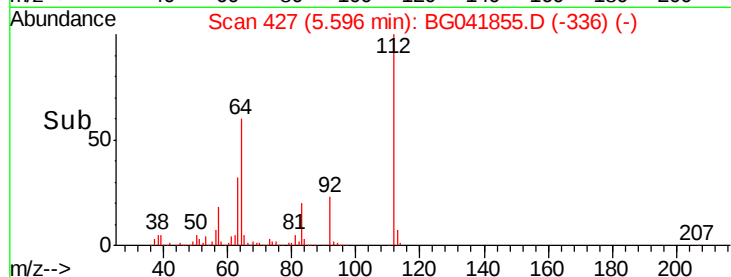
63 31.6 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 34.500 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG041855.D

Acq: 1 Aug 2019 9:48

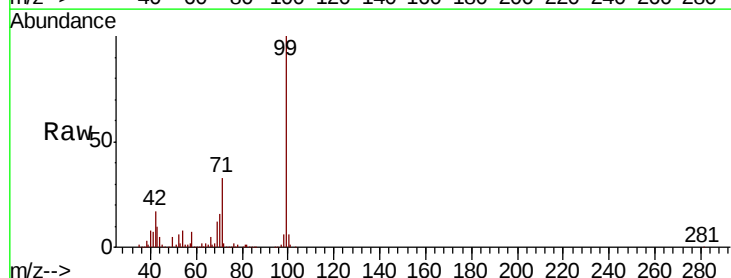
Tgt Ion: 99 Resp: 231282

Ion Ratio Lower Upper

99 100

42 16.9 17.6 26.4#

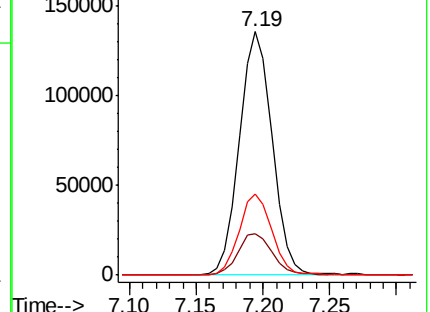
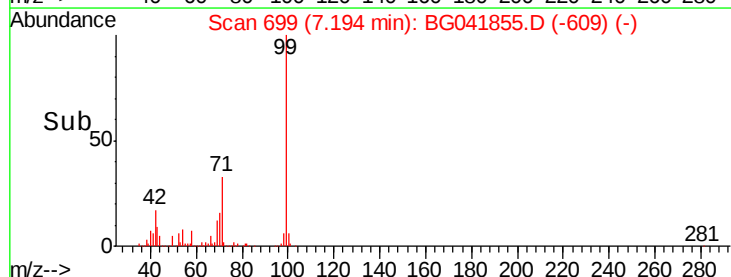
71 33.3 27.8 41.6

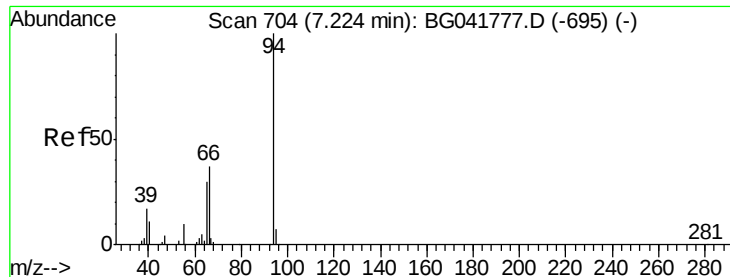


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#10

Phenol

Concen: 2.176 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG041855.D

Acq: 1 Aug 2019 9:48

Instrument :

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OWL-C8-GW

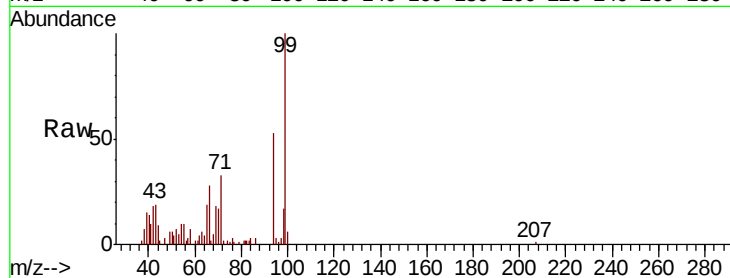
Tot Ion: 94 Resp: 15176

Ion Ratio Lower Upper

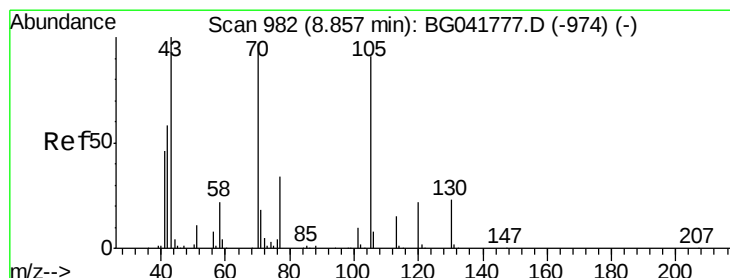
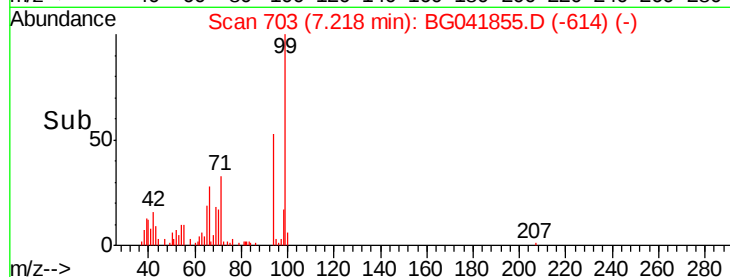
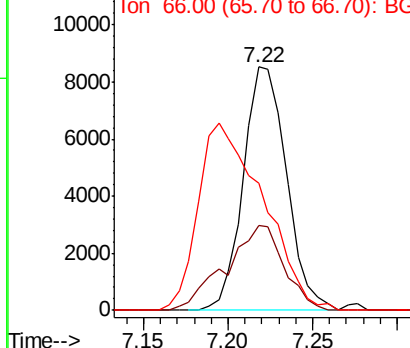
94 100

65 35.0 10.6 50.6

66 52.2 18.2 58.2



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: 13.976 ng

RT: 9.21 min Scan# 1042

Delta R.T. 0.35 min

Lab File: BG041855.D

Acq: 1 Aug 2019 9:48

Tgt Ion: 70 Resp: 68021

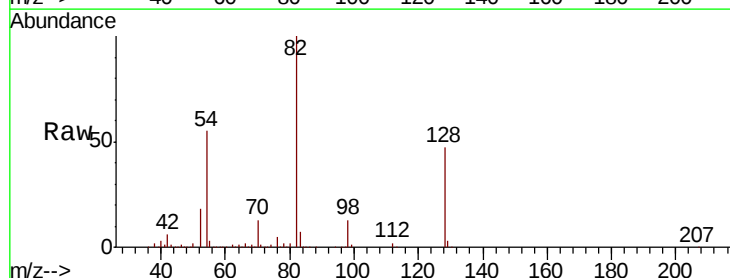
Ion Ratio Lower Upper

70 100

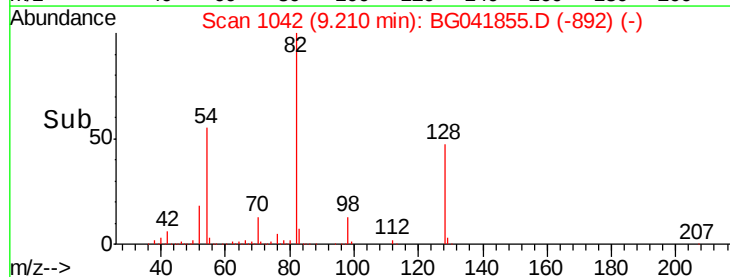
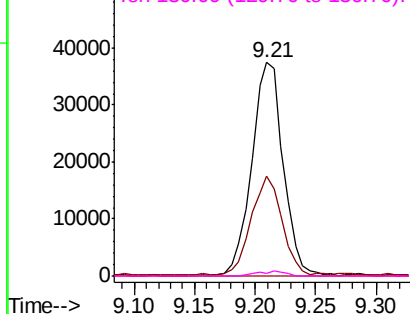
42 47.0 55.8 83.6#

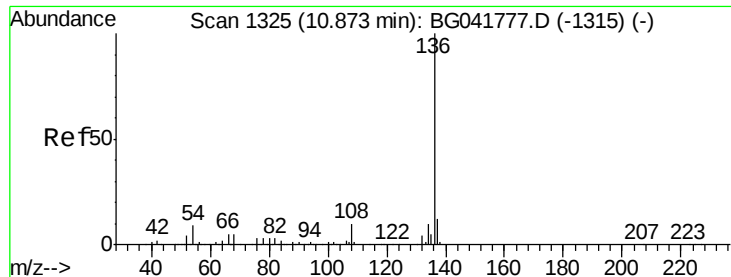
101 0.0 8.1 12.1#

130 1.3 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

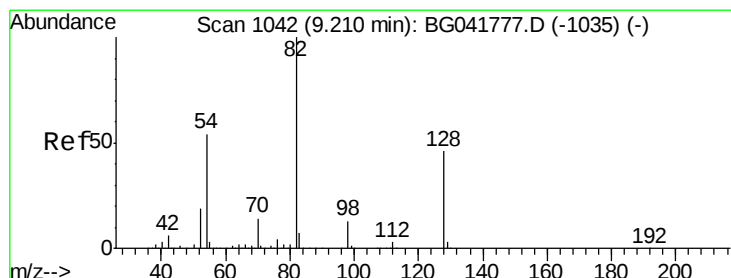
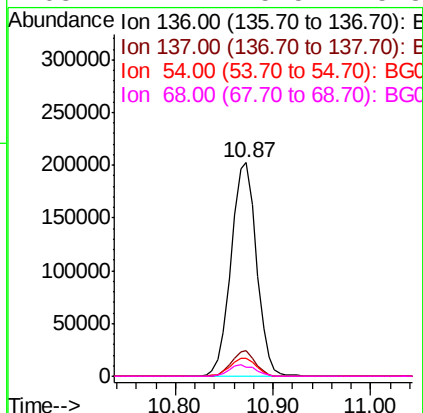
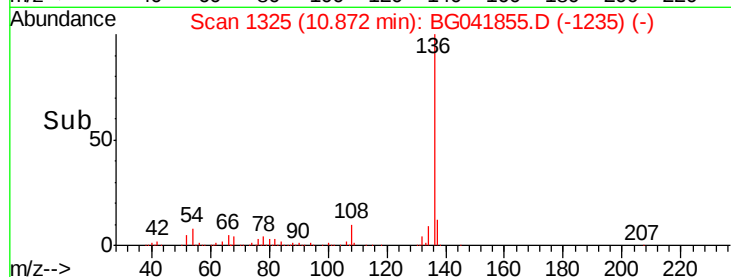
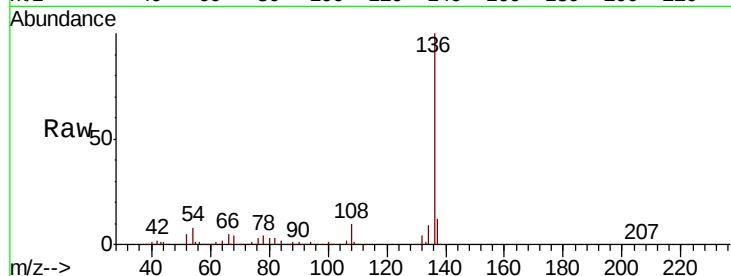




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG041855.D
Acq: 1 Aug 2019 9:48

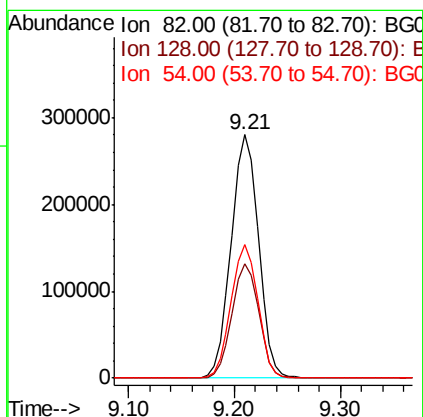
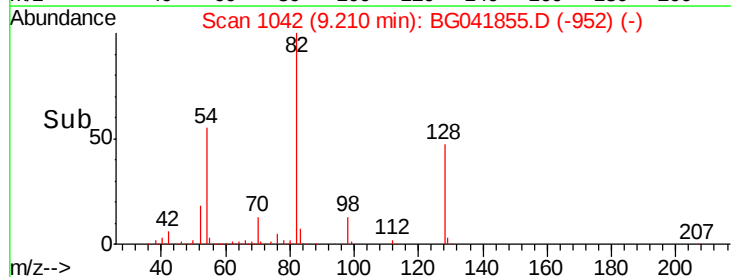
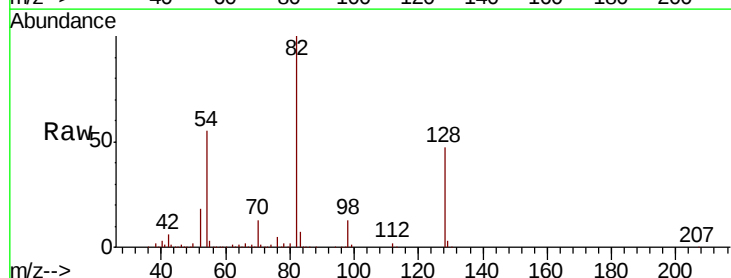
Instrument :
BNA_G
ClientSampleId :
OWL-C8-GW

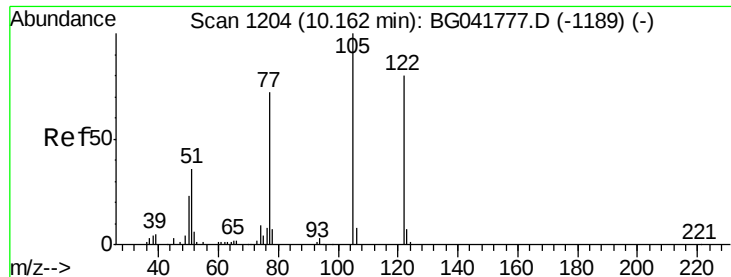
Tot Ion:136	Resp:	367320
Ion	Ratio	Lower Upper
136	100	
137	11.7	9.2 13.8
54	8.5	8.7 13.1#
68	4.4	5.5 8.3#



#23
Nitrobenzene-d5
Concen: 94.149 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041855.D
Acq: 1 Aug 2019 9:48

Tgt Ion: 82	Resp:	502540
Ion	Ratio	Lower Upper
82	100	
128	46.7	35.1 52.7
54	54.6	48.7 73.1

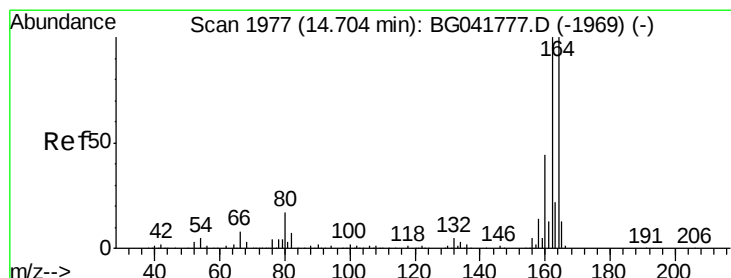
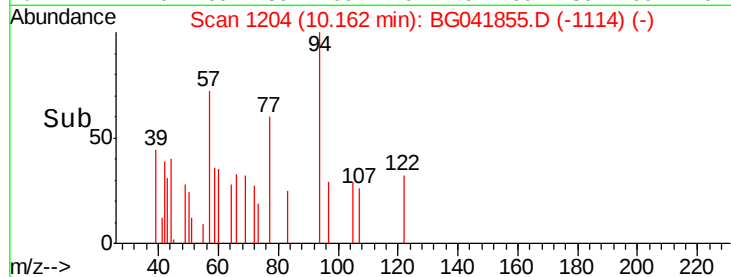
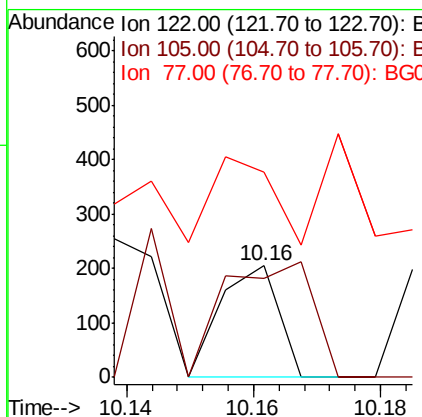
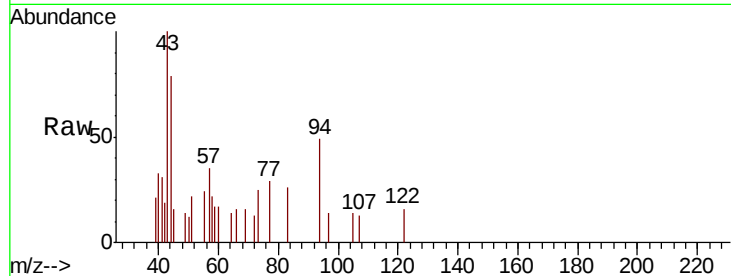




#32
Benzoic acid
Concen: 8.760 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG041855.D
Acq: 1 Aug 2019 9:48

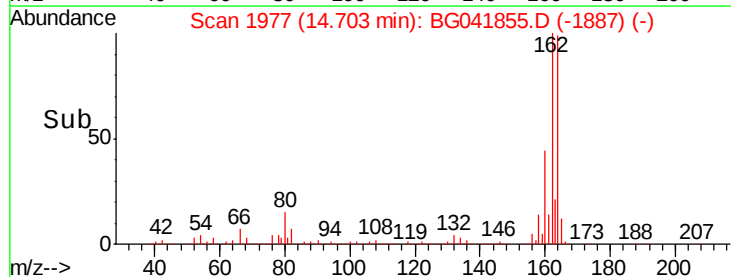
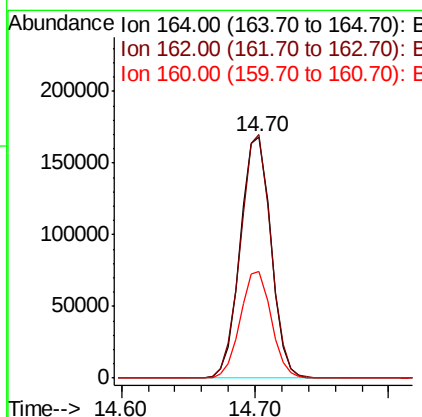
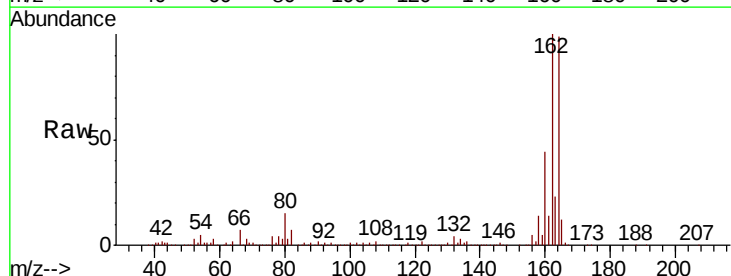
Instrument :
BNA_G
ClientSampleId :
OWL-C8-GW

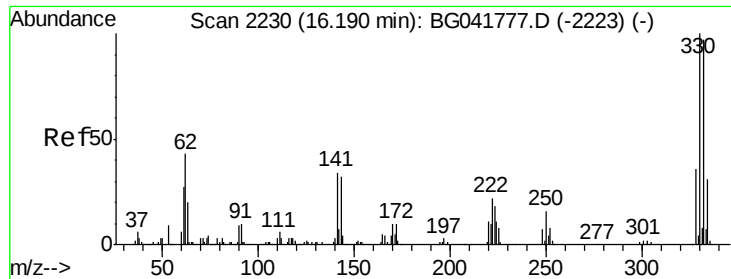
Tot Ion	Ratio	Lower	Upper
122	100		
105	88.3	101.5	141.5#
77	183.9	73.0	113.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BG041855.D
Acq: 1 Aug 2019 9:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	79.6	119.4
160	44.1	35.4	53.0

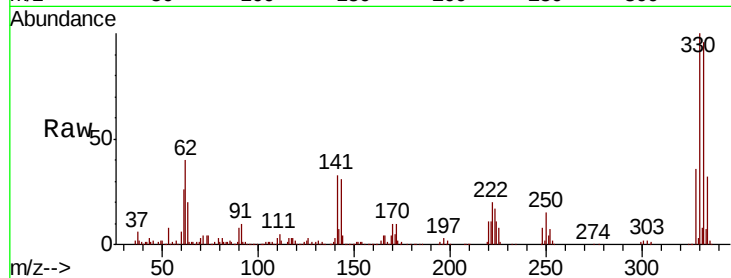




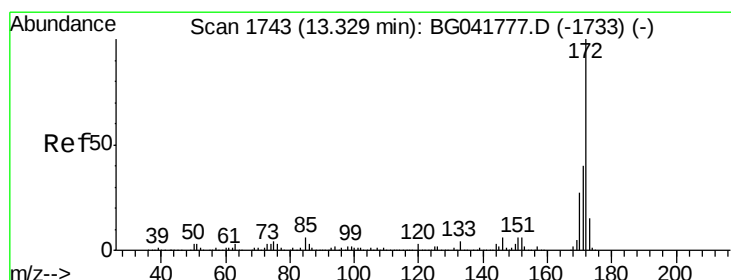
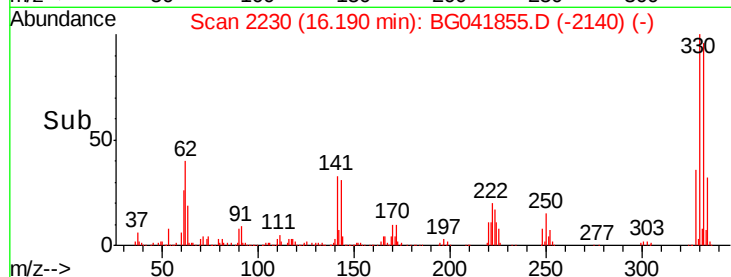
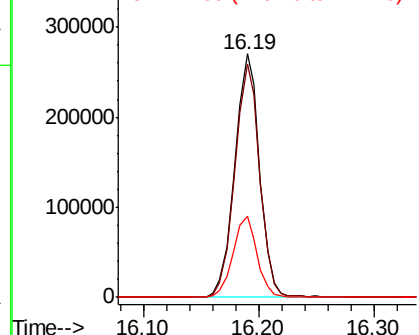
#42
 2,4,6-Tribromophenol
 Concen: 131.806 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BG041855.D
 Acq: 1 Aug 2019 9:48

Instrument :
 BNA_G
 ClientSampleId :
 OWL-C8-GW

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.0
141	32.5	31.9	47.9

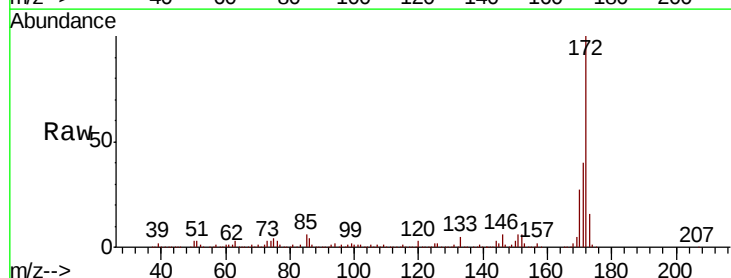


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

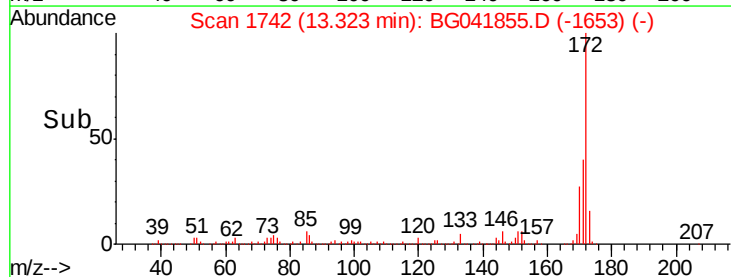
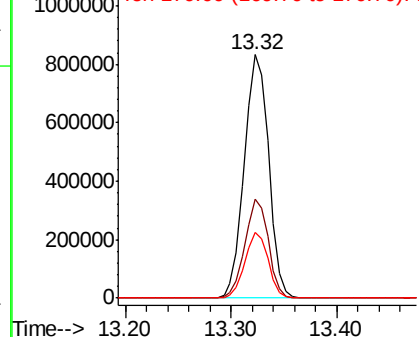


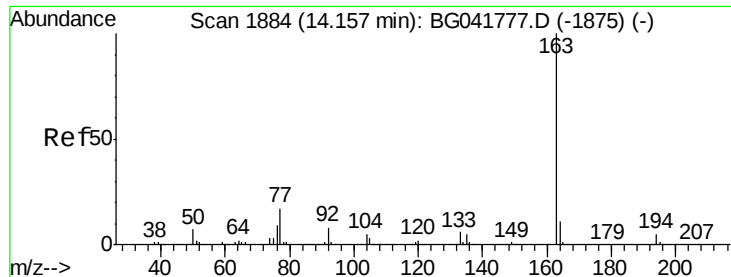
#45
 2-Fluorobiphenyl
 Concen: 87.825 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG041855.D
 Acq: 1 Aug 2019 9:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.5	35.0	52.4
170	27.1	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

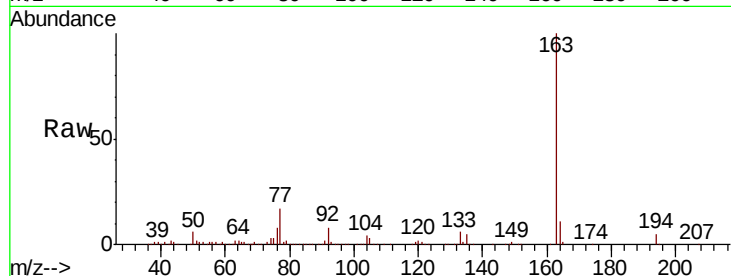




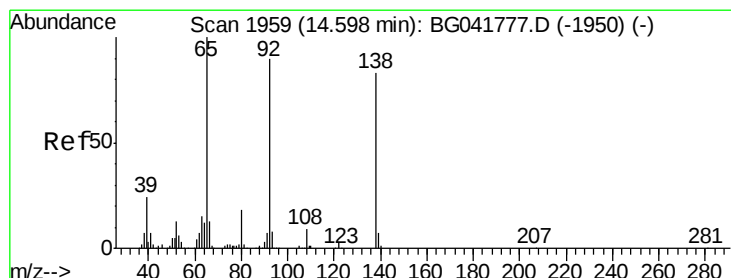
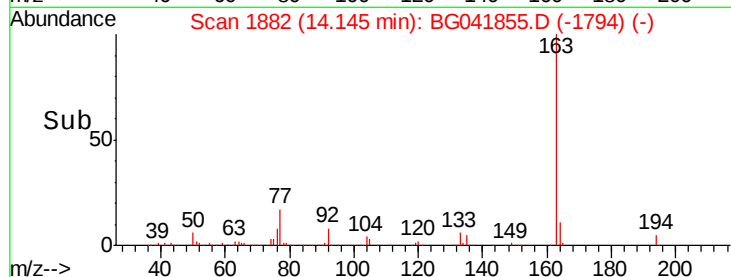
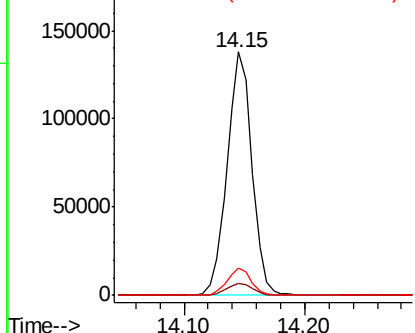
#50
Dimethylphthalate
Concen: 10.756 ng
RT: 14.15 min Scan# 1882
Delta R.T. -0.01 min
Lab File: BG041855.D
Acq: 1 Aug 2019 9:48

Instrument :
BNA_G
ClientSampleId :
OWL-C8-GW

Tot Ion:163 Resp: 196531
Ion Ratio Lower Upper
163 100
194 5.1 4.2 6.2
164 11.1 9.4 14.2

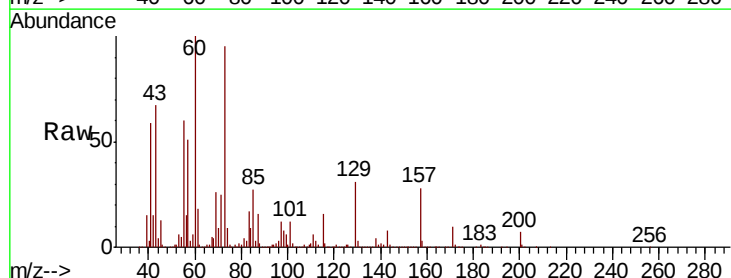


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

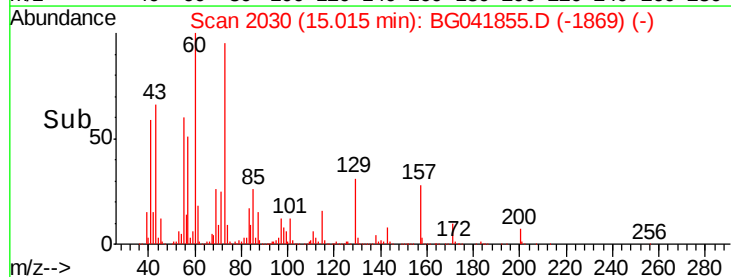
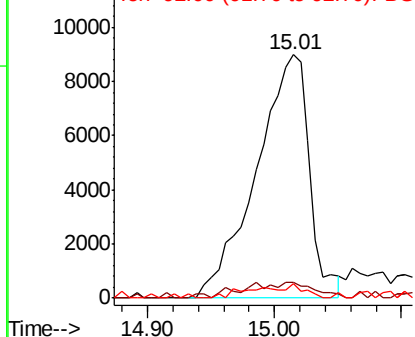


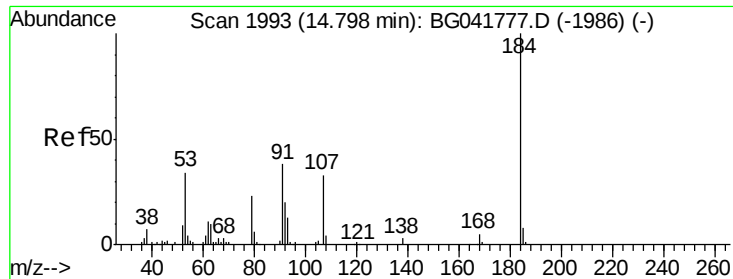
#53
3-Nitroaniline
Concen: 6.407 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.42 min
Lab File: BG041855.D
Acq: 1 Aug 2019 9:48

Tgt Ion:138 Resp: 26188
Ion Ratio Lower Upper
138 100
108 6.5 10.3 15.5#
92 5.8 93.0 139.4#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC





#54

2,4-Dinitrophenol

Concen: 3.733 ng

RT: 15.01 min Scan# 2030

Delta R.T. 0.22 min

Lab File: BG041855.D

Acq: 1 Aug 2019 9:48

Instrument :

BNA_G

ClientSampleId :

OWL-C8-GW

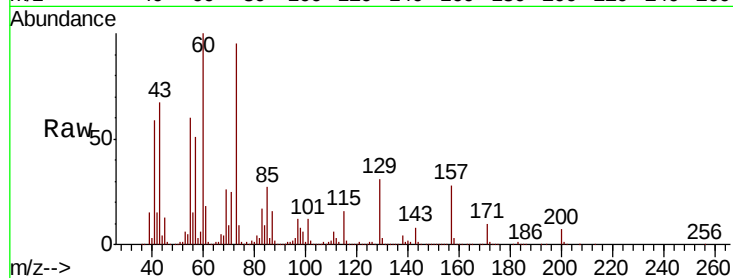
Tot Ion:184 Resp: 796

Ion Ratio Lower Upper

184 100

63 179.7 43.2 64.8#

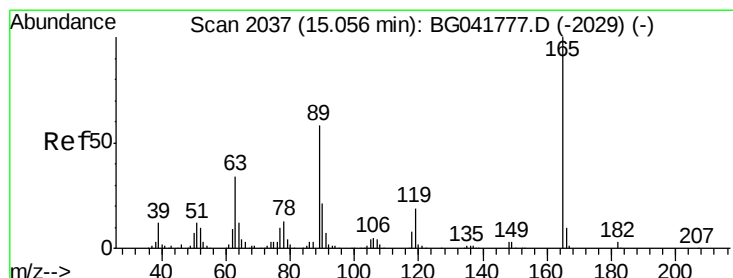
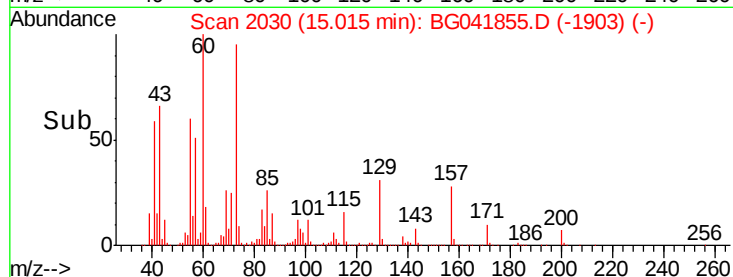
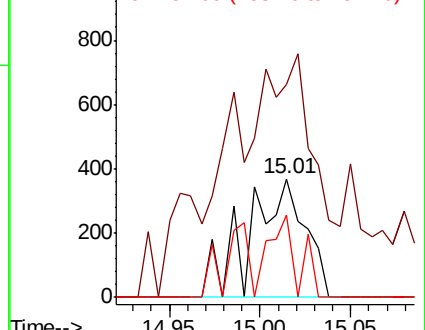
154 69.4 51.4 77.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#57

2,4-Dinitrotoluene

Concen: 6.611 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.36 min

Lab File: BG041855.D

Acq: 1 Aug 2019 9:48

Tgt Ion:165 Resp: 34735

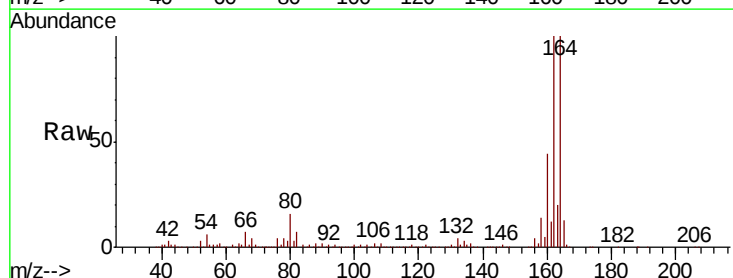
Ion Ratio Lower Upper

165 100

63 1.9 31.7 47.5#

89 2.0 50.2 75.4#

182 1.3 2.6 4.0#

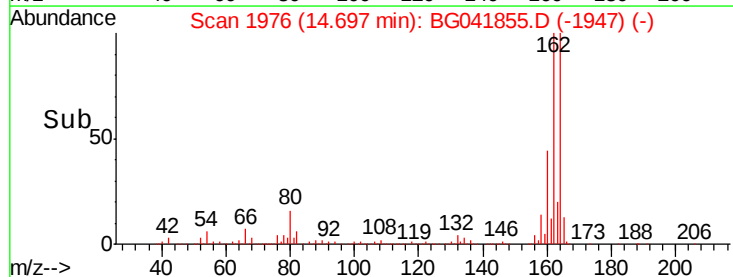
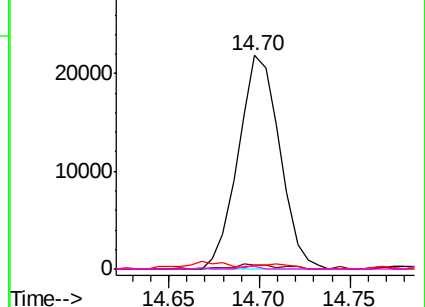


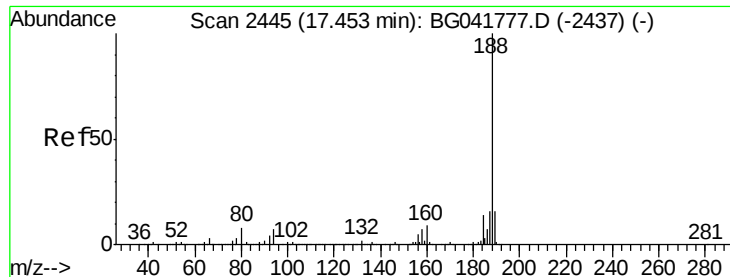
Abundance Ion 165.00 (164.70 to 165.70): E

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

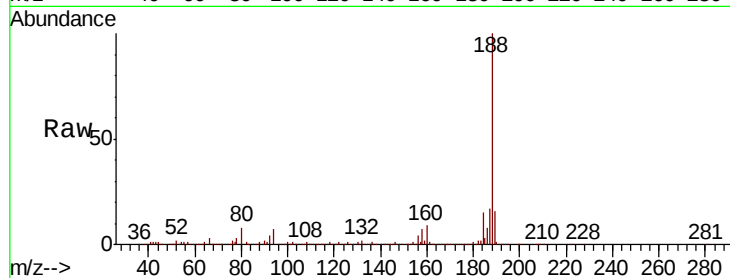




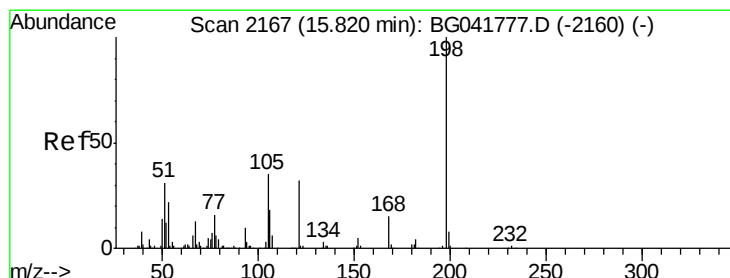
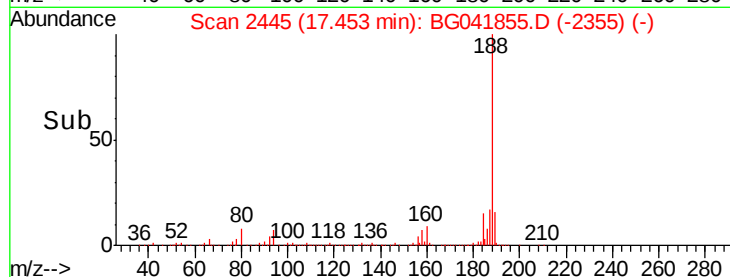
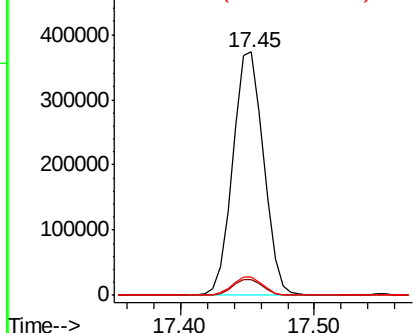
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG041855.D
Acq: 1 Aug 2019 9:48

Instrument :
BNA_G
ClientSampleId :
OWL-C8-GW

Tot Ion:188 Resp: 597568
Ion Ratio Lower Upper
188 100
94 6.6 6.9 10.3#
80 7.6 8.0 12.0#

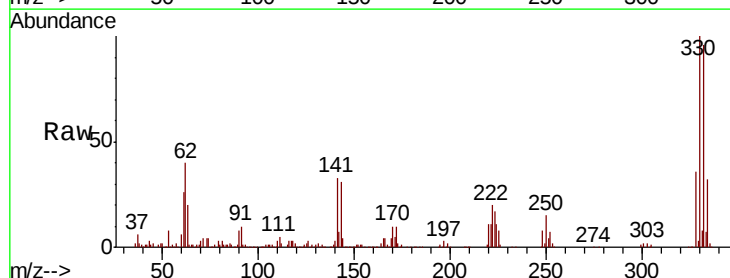


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

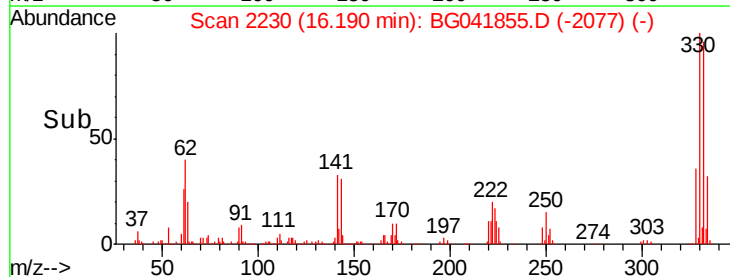
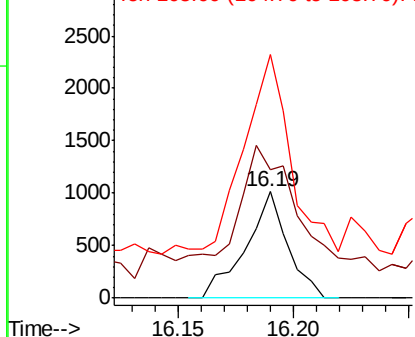


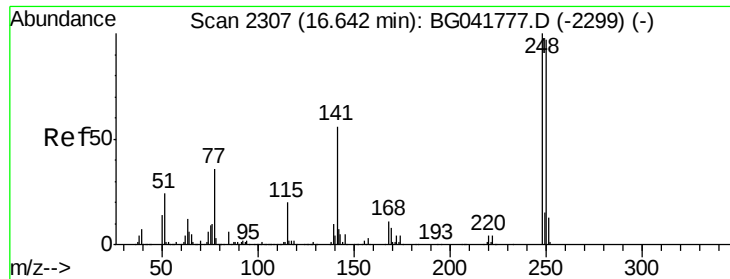
#65
4,6-Dinitro-2-methylphenol
Concen: 7.228 ng
RT: 16.19 min Scan# 2230
Delta R.T. 0.37 min
Lab File: BG041855.D
Acq: 1 Aug 2019 9:48

Tgt Ion:198 Resp: 1282
Ion Ratio Lower Upper
198 100
51 121.2 22.3 62.3#
105 229.0 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

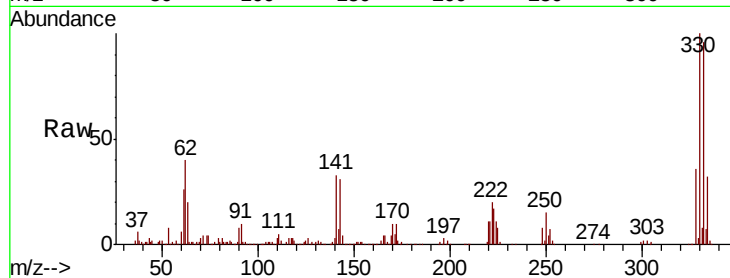




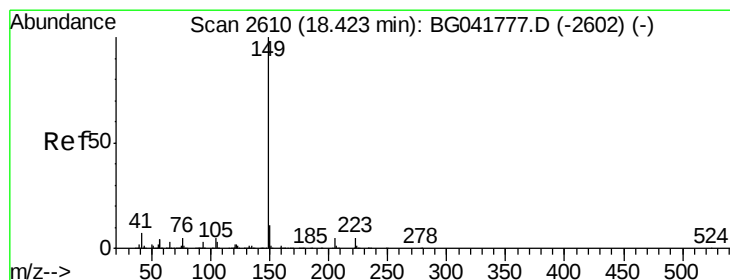
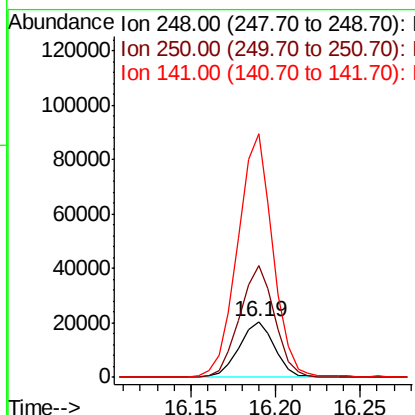
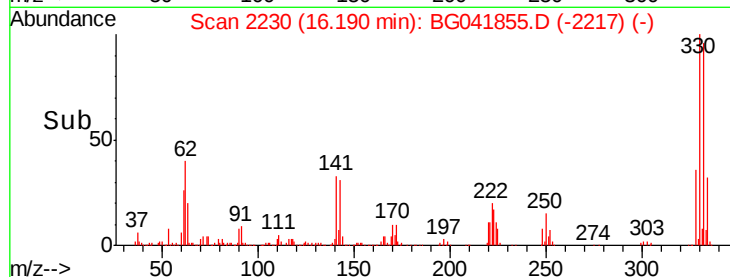
#67
 4-Bromophenyl-phenylether
 Concen: 4.085 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. -0.45 min
 Lab File: BG041855.D
 Acq: 1 Aug 2019 9:48

Instrument :
 BNA_G
 ClientSampleId :
 OWL-C8-GW

Tot Ion:248 Resp: 30070
 Ion Ratio Lower Upper
 248 100
 250 200.0 78.1 117.1#
 141 434.9 49.6 74.4#

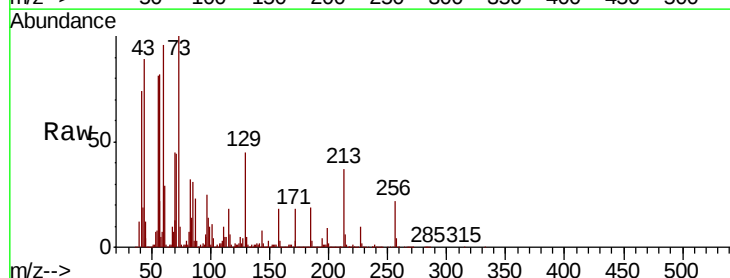


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

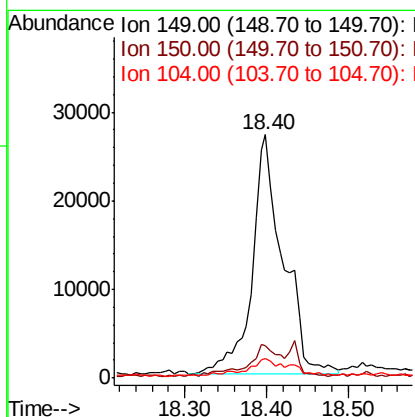
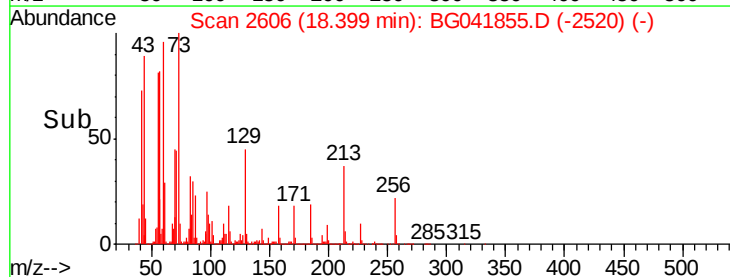


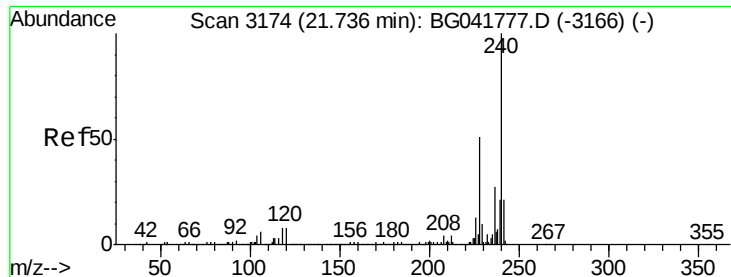
#74
 Di-n-butylphthalate
 Concen: 2.467 ng
 RT: 18.40 min Scan# 2606
 Delta R.T. -0.02 min
 Lab File: BG041855.D
 Acq: 1 Aug 2019 9:48

Tgt Ion:149 Resp: 71724
 Ion Ratio Lower Upper
 149 100
 150 13.2 10.2 15.2
 104 8.2 5.3 7.9#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BG041855.D

Acq: 1 Aug 2019 9:48

Instrument :

BNA_G

ClientSampleId :

OWL-C8-GW

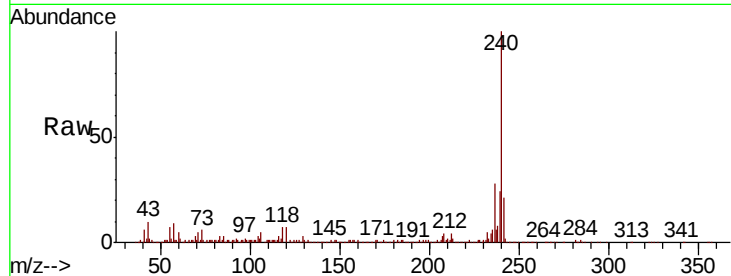
Tot Ion:240 Resp: 632239

Ion Ratio Lower Upper

240 100

120 7.2 8.0 12.0#

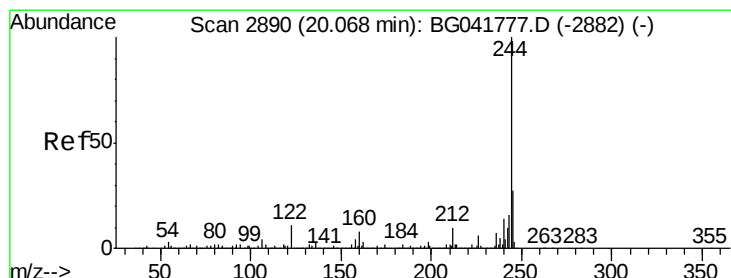
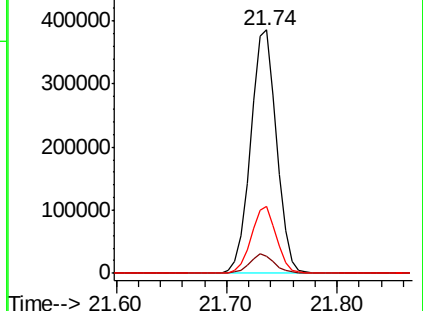
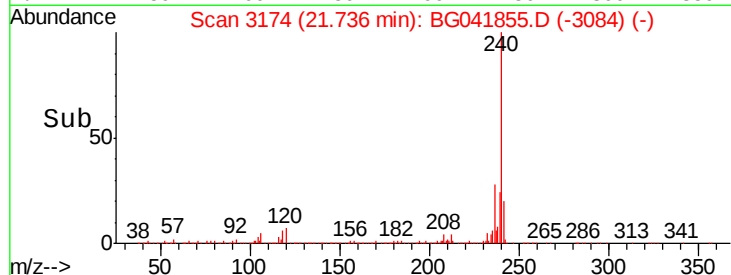
236 27.7 22.6 33.8



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: 73.265 ng

RT: 20.07 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BG041855.D

Acq: 1 Aug 2019 9:48

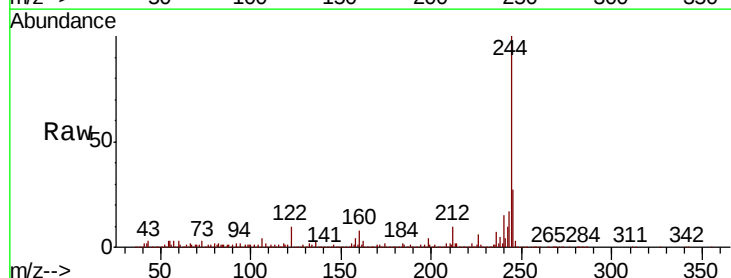
Tgt Ion:244 Resp: 2024276

Ion Ratio Lower Upper

244 100

212 9.6 9.7 14.5#

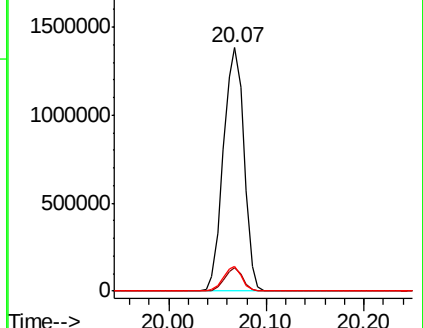
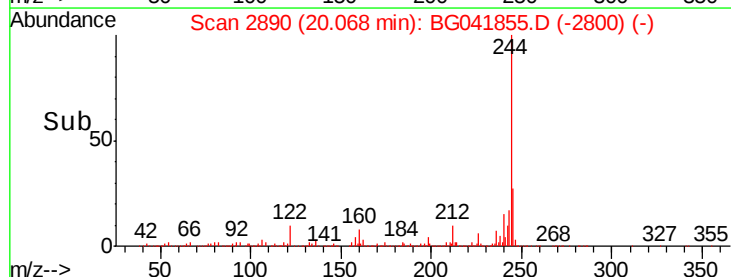
122 10.2 12.5 18.7#

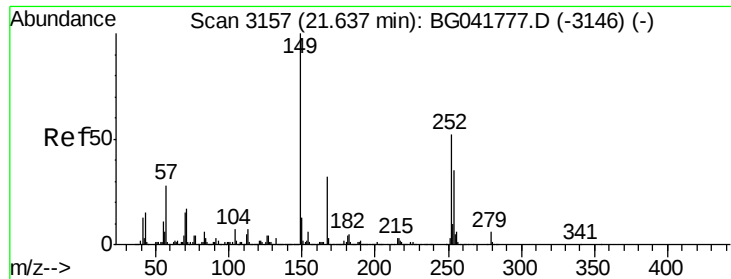


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 28.812 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG041855.D

Acq: 1 Aug 2019 9:48

Instrument :

BNA_G

ClientSampleId :

OWL-C8-GW

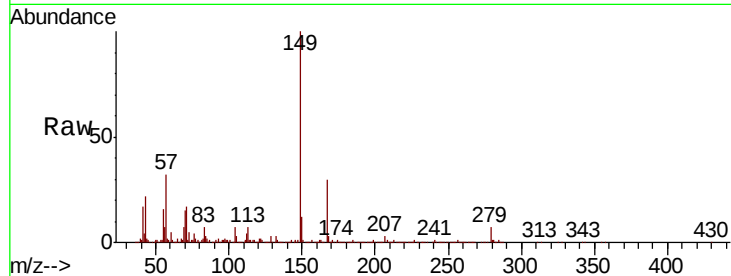
Tot Ion:149 Resp: 570793

Ion Ratio Lower Upper

149 100

167 30.2 27.0 40.4

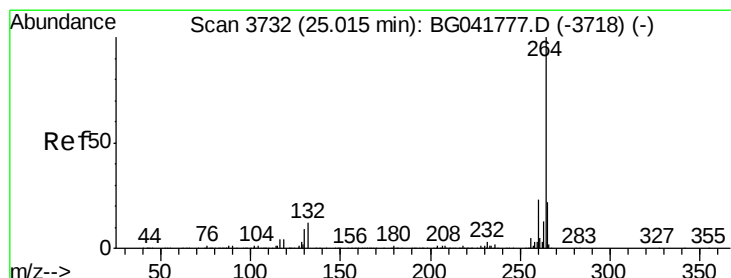
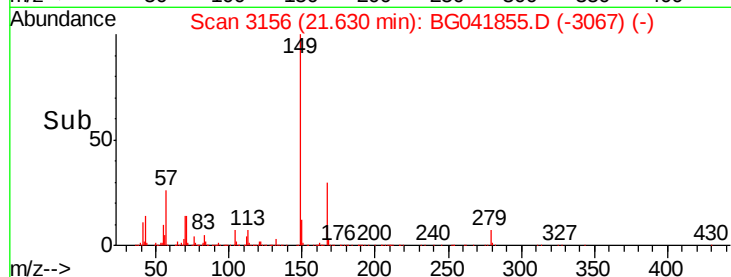
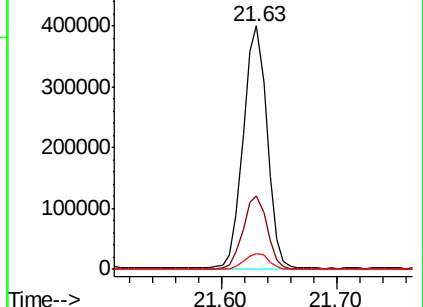
279 6.7 5.0 7.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3732

Delta R.T. -0.00 min

Lab File: BG041855.D

Acq: 1 Aug 2019 9:48

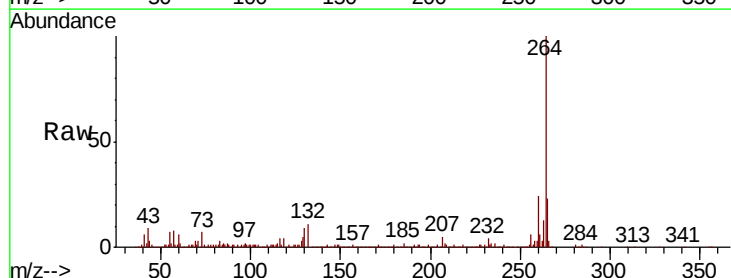
Tgt Ion:264 Resp: 725279

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 22.5 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

