

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080119\
 Data File : BG041856.D
 Acq On : 1 Aug 2019 10:26
 Operator : HP/JU
 Sample : K4048-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OWL-C7-GW

Quant Time: Aug 01 14:11:15 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

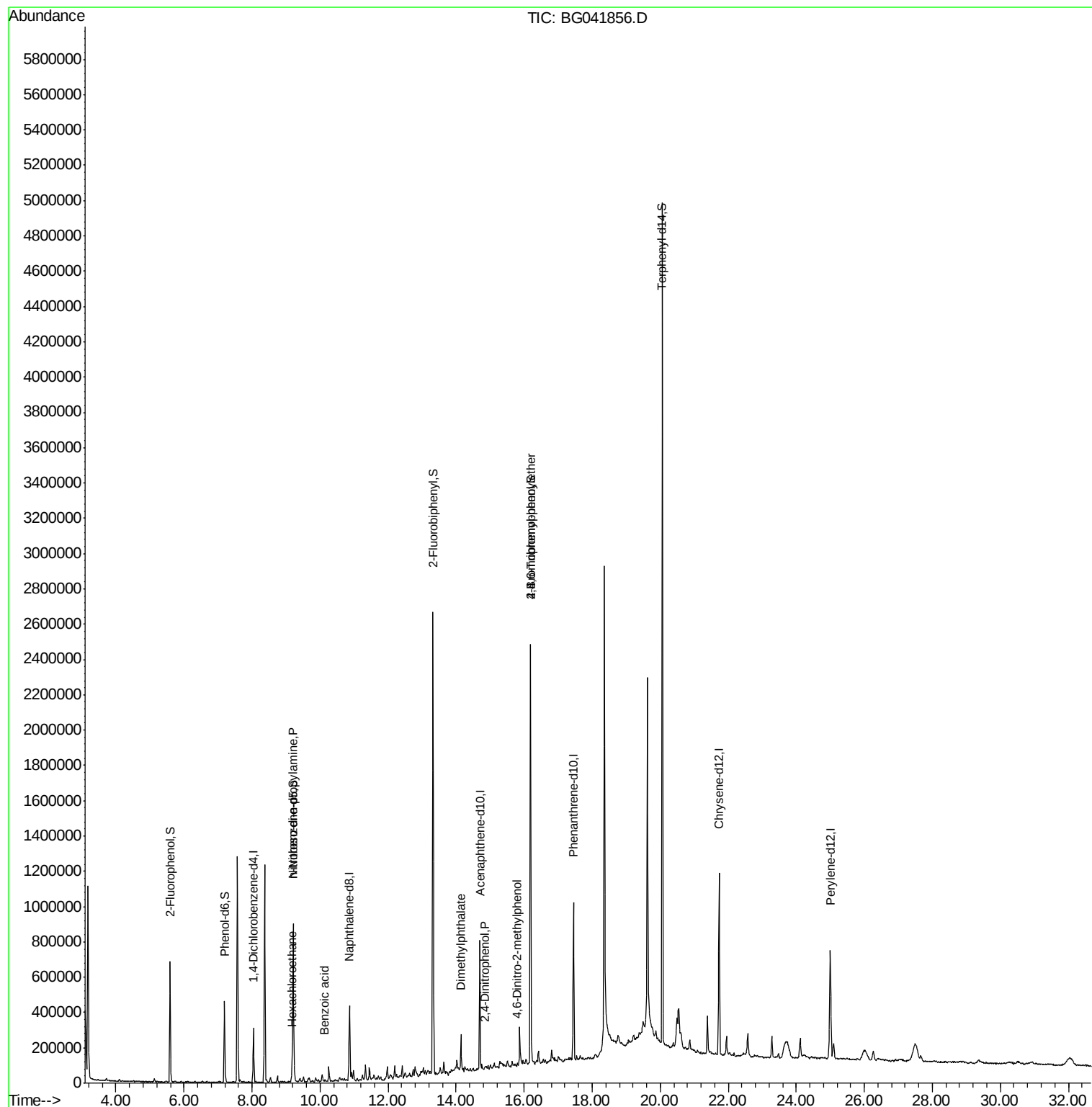
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	99753	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	375823	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	268576	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	600850	20.00	ng	0.00
76) Chrysene-d12	21.73	240	636024	20.00	ng	0.00
87) Perylene-d12	25.00	264	736473	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	322136	62.83	ng	0.00
7) Phenol-d6	7.19	99	279770	40.48	ng	0.00
23) Nitrobenzene-d5	9.21	82	554779	101.58	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	494040	161.95	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1439865	94.56	ng	0.00
79) Terphenyl-d14	20.06	244	2271824	81.73	ng	0.00
Target Compounds						
18) Hexachloroethane	9.17	117	10718	4.082	ng	# 39
19) n-Nitroso-di-n-propylamine	9.20	70	75590	15.063	ng	# 69
32) Benzoic acid	10.13	122	78	8.747	ng	# 87
50) Dimethylphthalate	14.14	163	154051	8.399	ng	97
54) 2,4-Dinitrophenol	14.84	184	60	3.286	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.80	198	58	6.869	ng	# 1
67) 4-Bromophenyl-phenylether	16.19	248	37111	5.014	ng	# 1

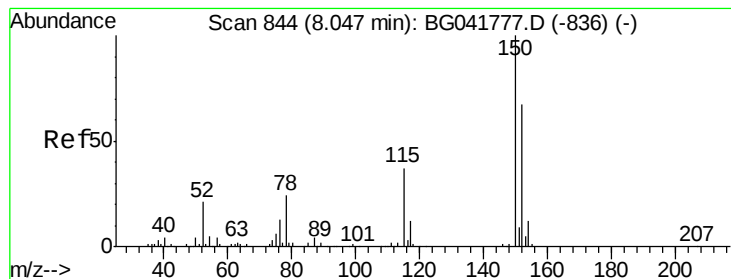
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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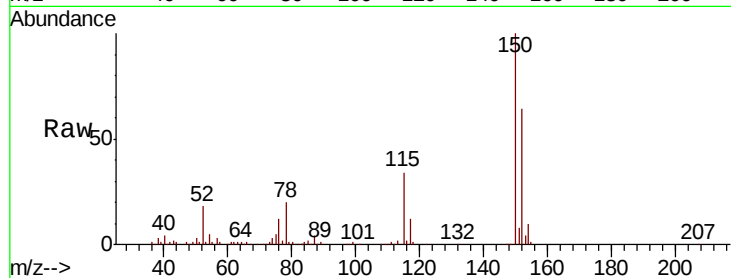


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG041856.D
Acq: 1 Aug 2019 10:26

Instrument :
BNA_G
ClientSampleId :
OWL-C7-GW

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.9	190.3
115	53.2	45.0	67.6

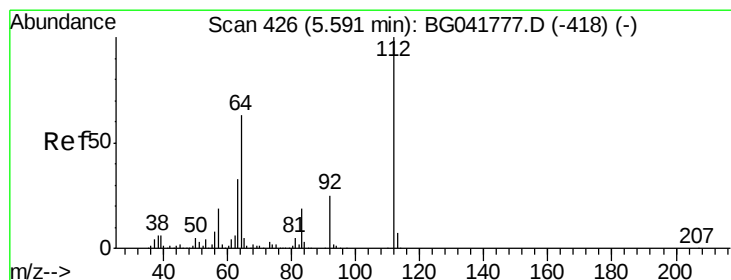
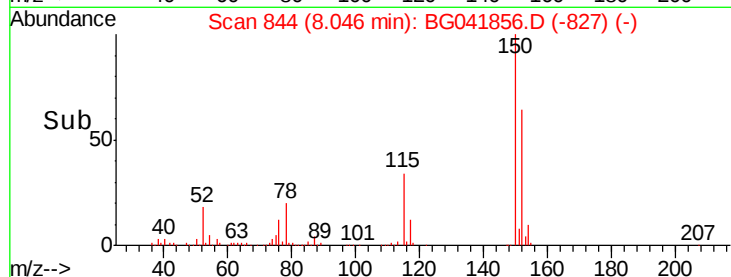
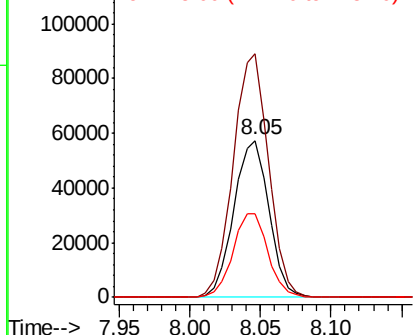


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

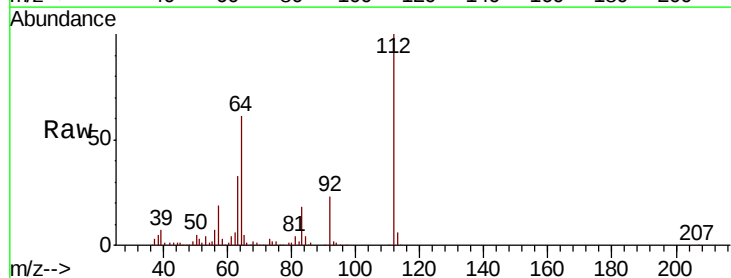
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 62.831 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.01 min
Lab File: BG041856.D
Acq: 1 Aug 2019 10:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	55.4	83.2
63	32.9	29.1	43.7

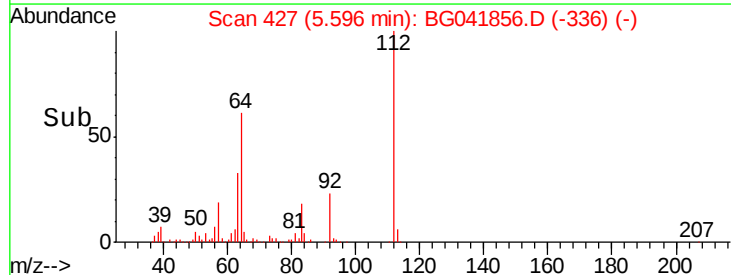
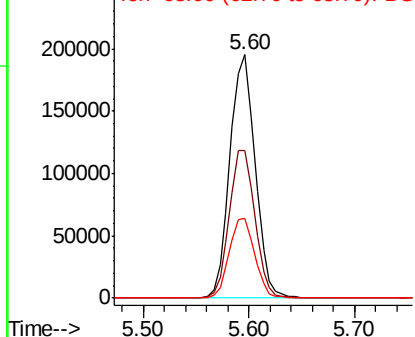


Abundance

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: 40.475 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG041856.D

Acq: 1 Aug 2019 10:26

Instrument :

BNA_G

ClientSampleId :

OWL-C7-GW

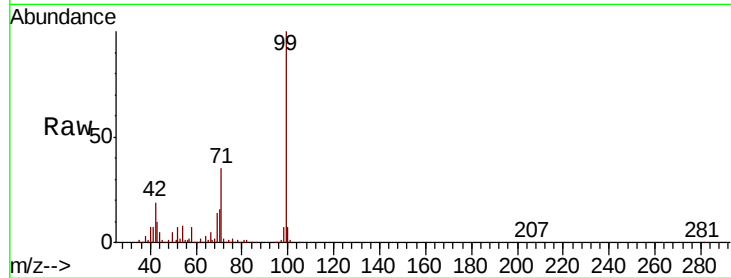
Tot Ion: 99 Resp: 279770

Ion Ratio Lower Upper

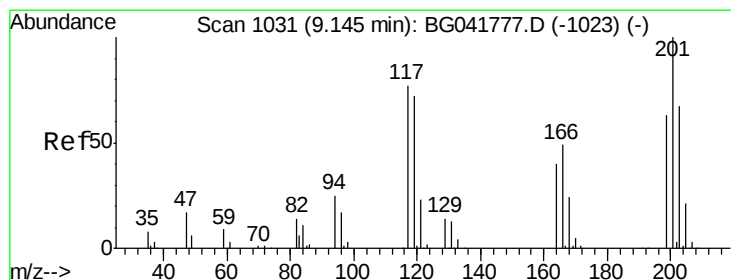
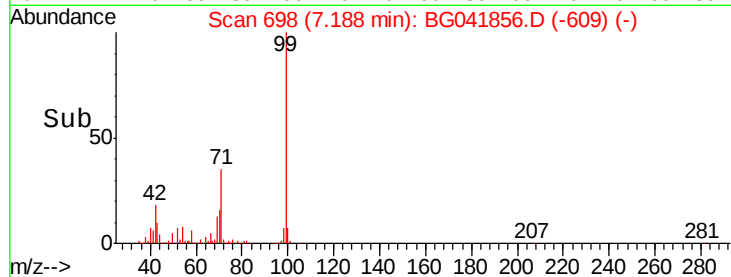
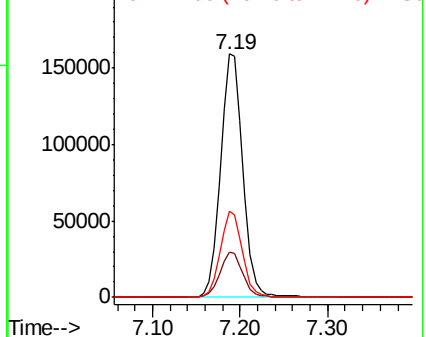
99 100

42 18.5 17.6 26.4

71 35.3 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



#18

Hexachloroethane

Concen: 4.082 ng

RT: 9.17 min Scan# 1035

Delta R.T. 0.02 min

Lab File: BG041856.D

Acq: 1 Aug 2019 10:26

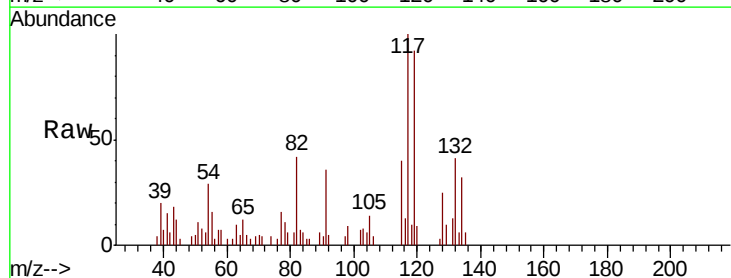
Tgt Ion: 117 Resp: 10718

Ion Ratio Lower Upper

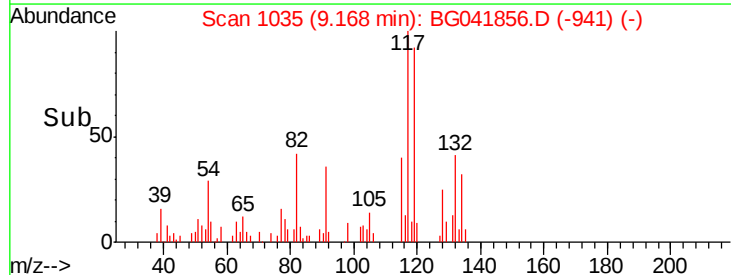
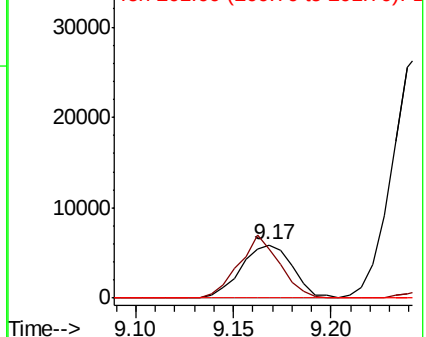
117 100

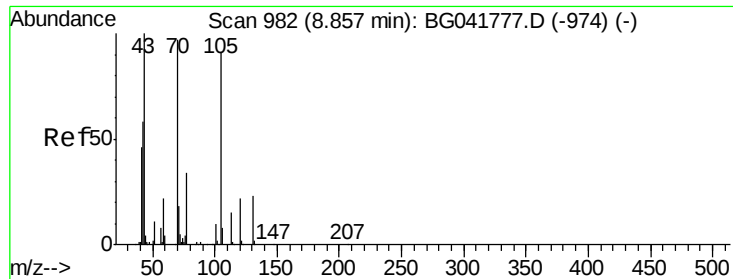
119 91.8 76.2 114.2

201 0.0 94.1 141.1#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

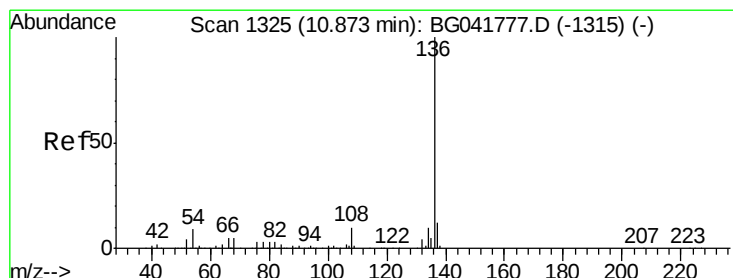
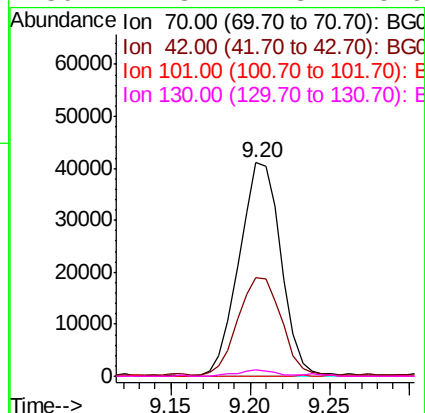
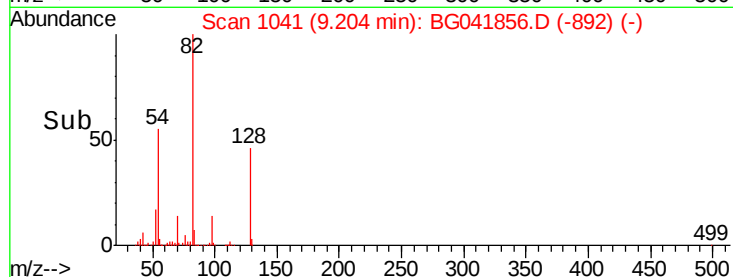
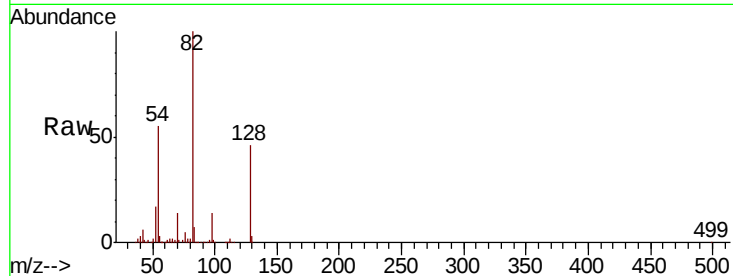




#19
n-Nitroso-di-n-propylamine
Concen: 15.063 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.35 min
Lab File: BG041856.D
Acq: 1 Aug 2019 10:26

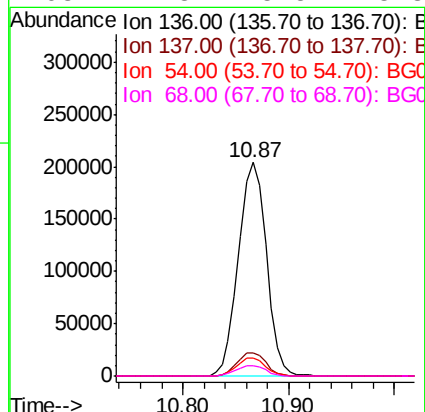
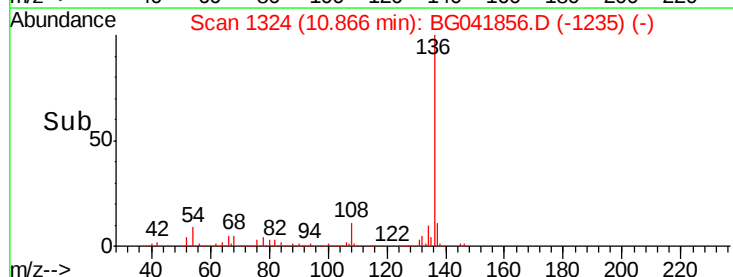
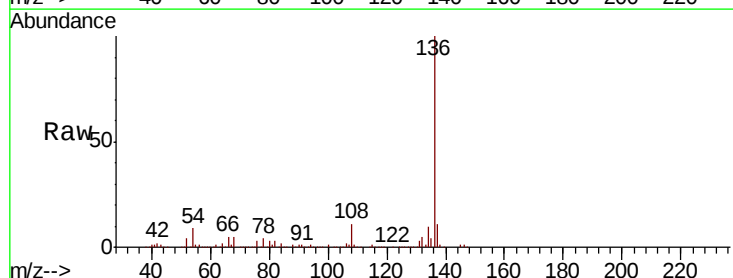
Instrument :
BNA_G
ClientSampleId :
OWL-C7-GW

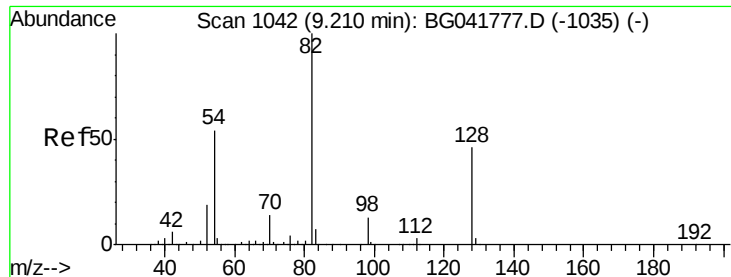
Tot Ion: 70 Resp: 75590
Ion Ratio Lower Upper
70 100
42 46.4 55.8 83.6#
101 0.0 8.1 12.1#
130 2.8 17.3 25.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG041856.D
Acq: 1 Aug 2019 10:26

Tgt Ion: 136 Resp: 375823
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 8.6 8.7 13.1#
68 4.8 5.5 8.3#

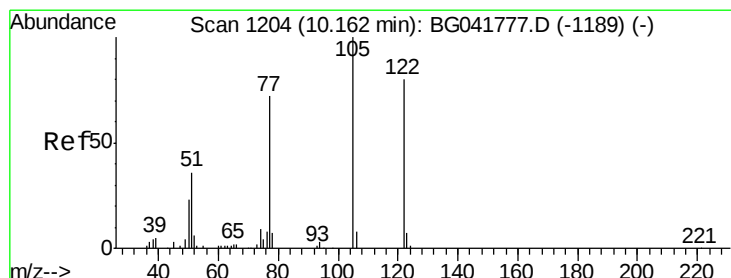
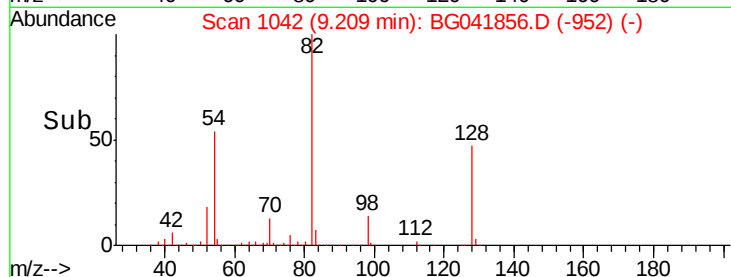
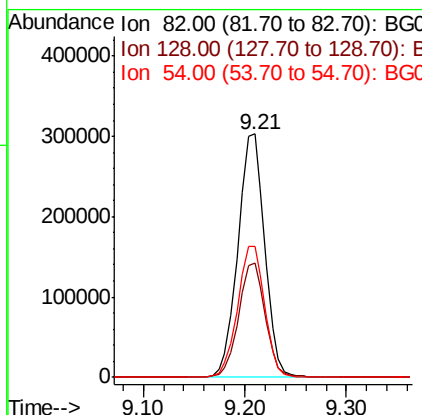
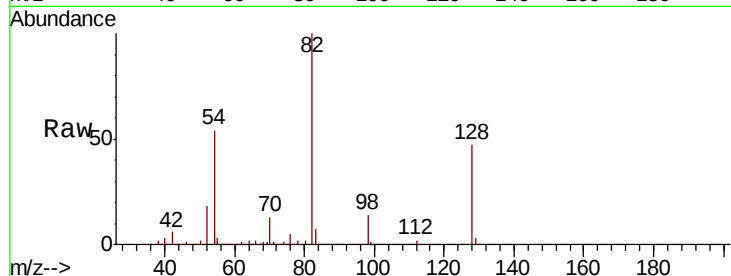




#23
 Nitrobenzene-d5
 Concen: 101.584 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG041856.D
 Acq: 1 Aug 2019 10:26

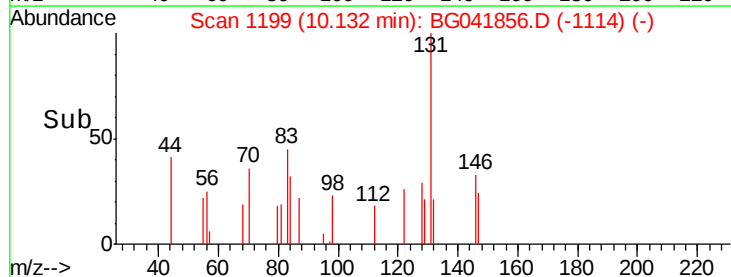
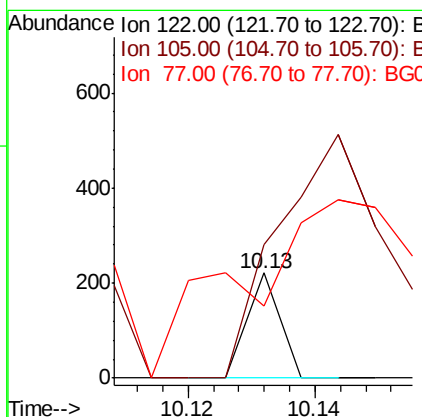
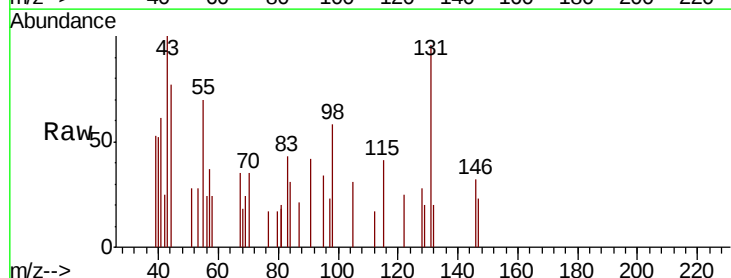
Instrument :
 BNA_G
 ClientSampleId :
 OWL-C7-GW

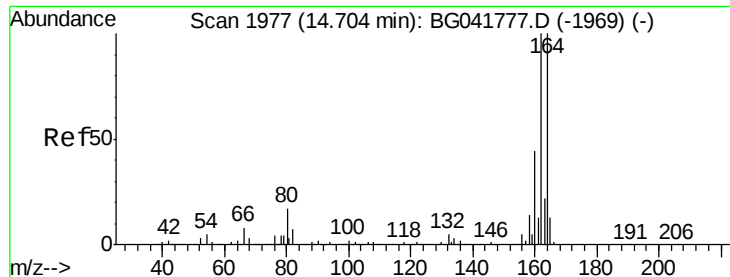
Tot Ion	82	Resp	554779
Ion Ratio	Lower	Upper	
82	100		
128	47.2	35.1	52.7
54	53.6	48.7	73.1



#32
 Benzoic acid
 Concen: 8.747 ng
 RT: 10.13 min Scan# 1199
 Delta R.T. -0.03 min
 Lab File: BG041856.D
 Acq: 1 Aug 2019 10:26

Tgt Ion	122	Resp	78
Ion Ratio	Lower	Upper	
122	100		
105	126.7	101.5	141.5
77	69.2	73.0	113.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG041856.D

Acq: 1 Aug 2019 10:26

Instrument :

BNA_G

ClientSampleId :

OWL-C7-GW

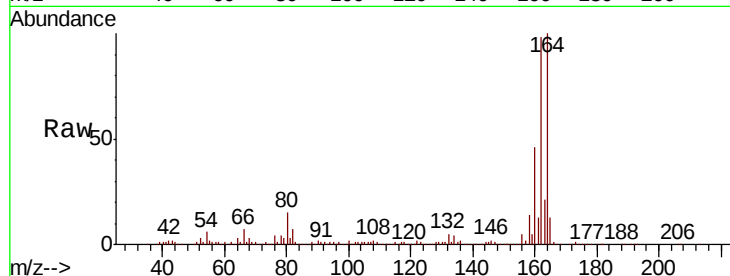
Tot Ion:164 Resp: 268576

Ion Ratio Lower Upper

164 100

162 98.3 79.6 119.4

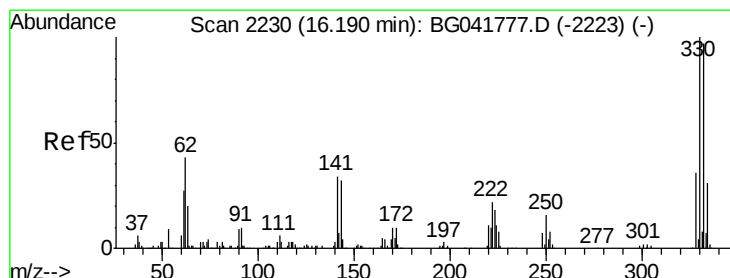
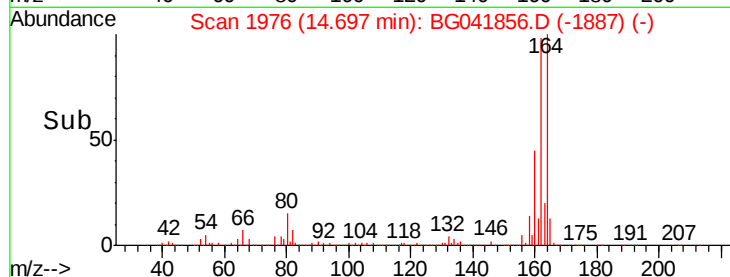
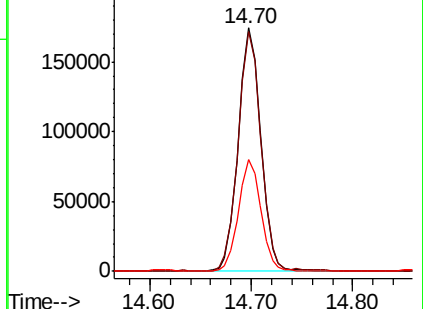
160 45.8 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 161.946 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG041856.D

Acq: 1 Aug 2019 10:26

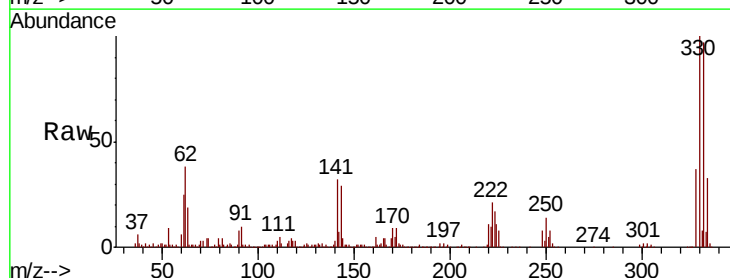
Tgt Ion:330 Resp: 494040

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.0

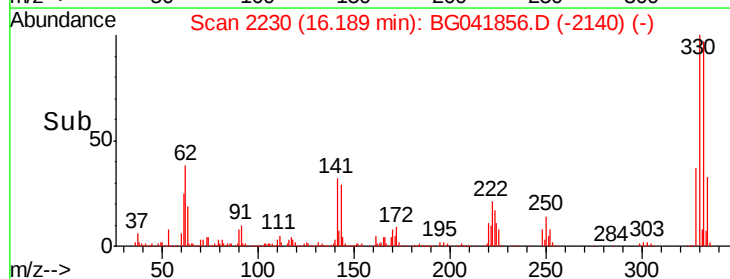
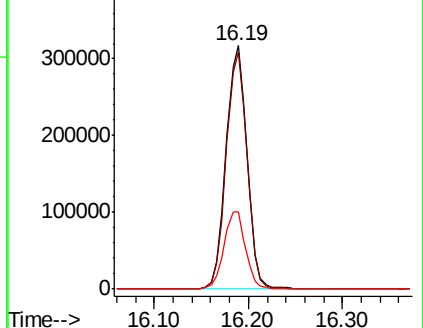
141 32.2 31.9 47.9

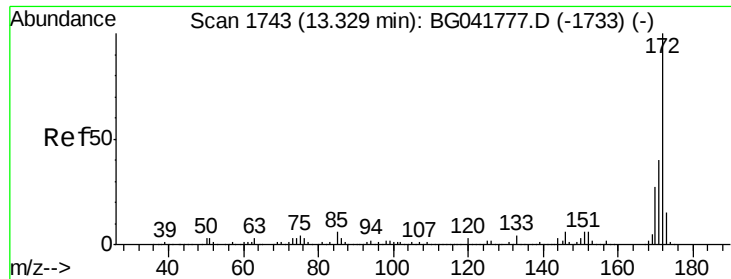


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

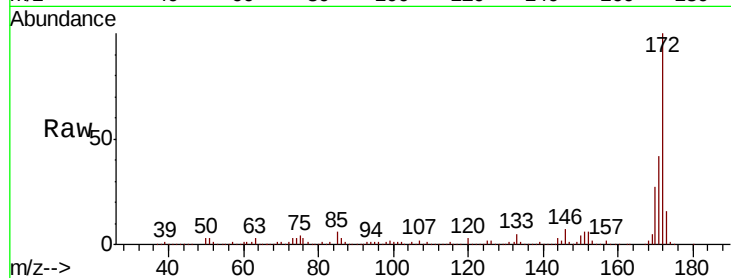




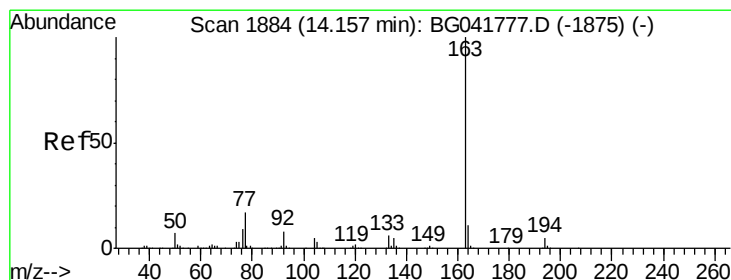
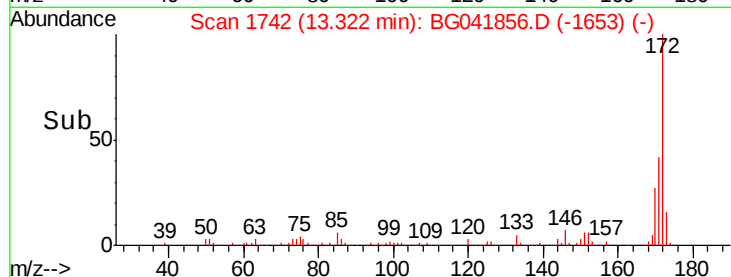
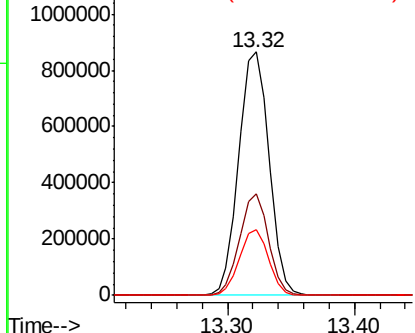
#45
2-Fluorobiphenyl
Concen: 94.555 ng
RT: 13.32 min Scan# 1742
Delta R.T. -0.01 min
Lab File: BG041856.D
Acq: 1 Aug 2019 10:26

Instrument :
BNA_G
ClientSampleId :
OWL-C7-GW

Tot Ion:172 Resp: 1439865
Ion Ratio Lower Upper
172 100
171 41.7 35.0 52.4
170 27.2 23.5 35.3

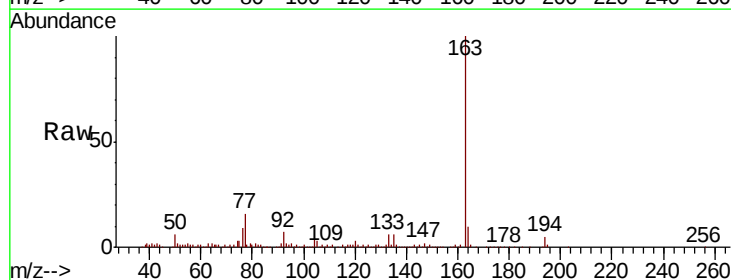


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

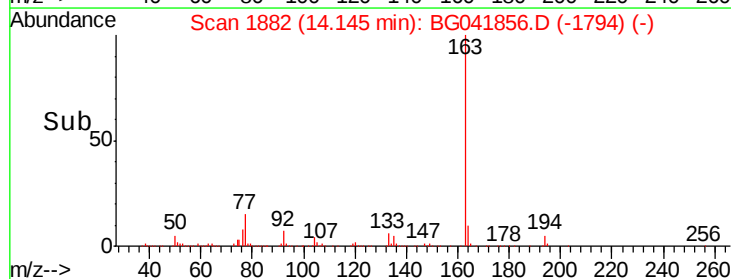
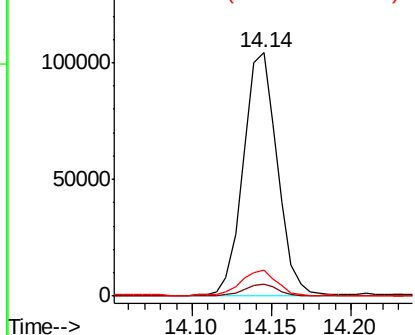


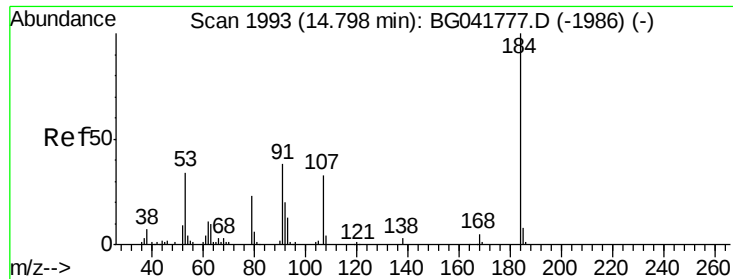
#50
Dimethylphthalate
Concen: 8.399 ng
RT: 14.14 min Scan# 1882
Delta R.T. -0.01 min
Lab File: BG041856.D
Acq: 1 Aug 2019 10:26

Tgt Ion:163 Resp: 154051
Ion Ratio Lower Upper
163 100
194 5.0 4.2 6.2
164 10.5 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: 3.286 ng

RT: 14.84 min Scan# 2001

Delta R.T. 0.05 min

Lab File: BG041856.D

Acq: 1 Aug 2019 10:26

Instrument :

BNA_G

ClientSampleId :

OWL-C7-GW

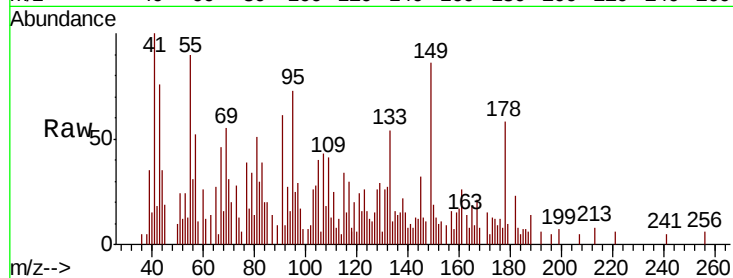
Tot Ion:184 Resp: 60

Ion Ratio Lower Upper

184 100

63 252.1 43.2 64.8#

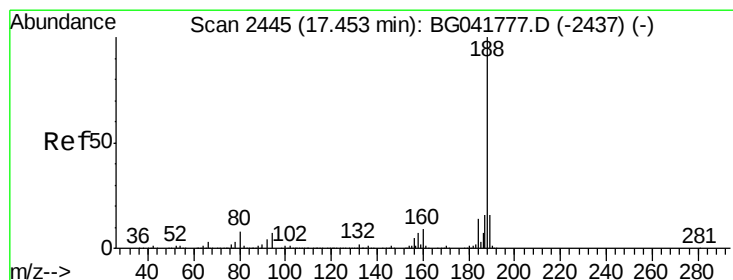
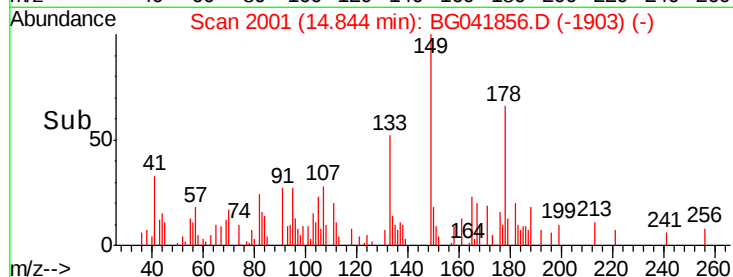
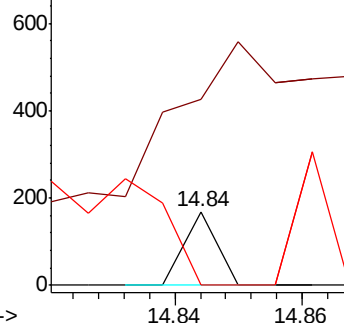
154 0.0 51.4 77.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.01 min

Lab File: BG041856.D

Acq: 1 Aug 2019 10:26

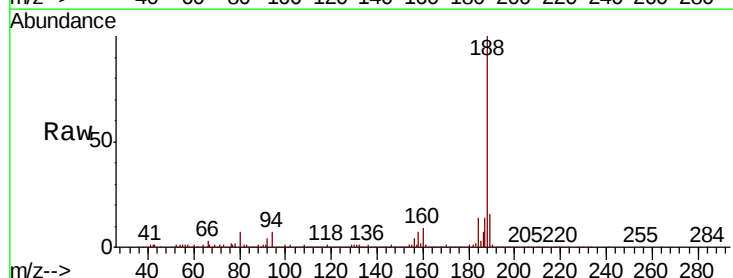
Tgt Ion:188 Resp: 600850

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

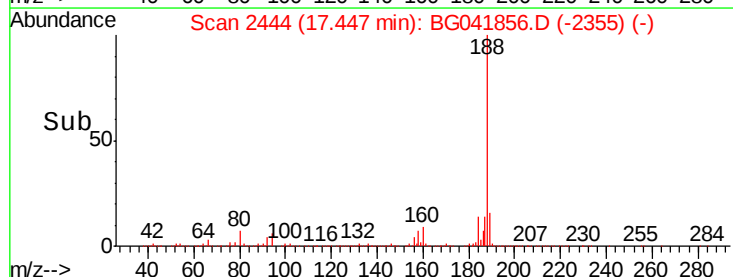
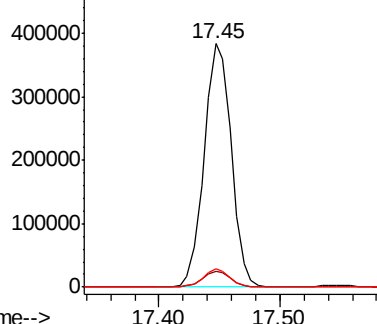
80 7.3 8.0 12.0#

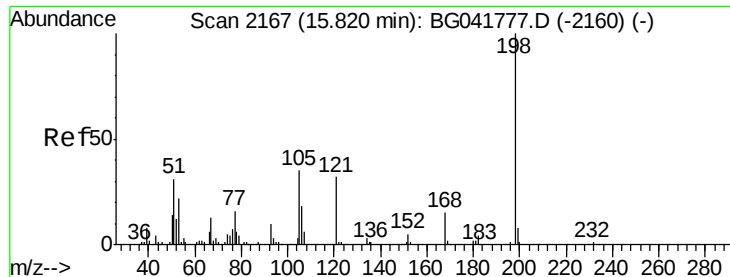


Abundance Ion 188.00 (187.70 to 188.70): E

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: 6.869 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG041856.D

Acq: 1 Aug 2019 10:26

Instrument :

BNA_G

ClientSampleId :

OWL-C7-GW

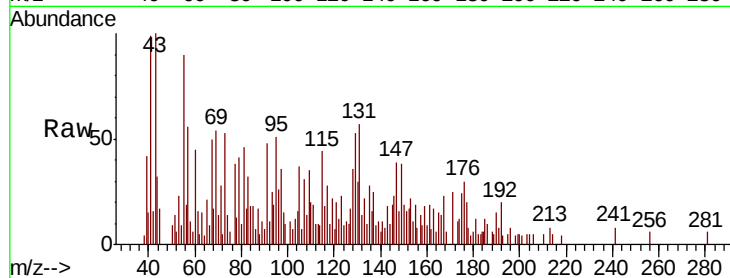
Tot Ion:198 Resp: 58

Ion Ratio Lower Upper

198 100

51 328.0 22.3 62.3#

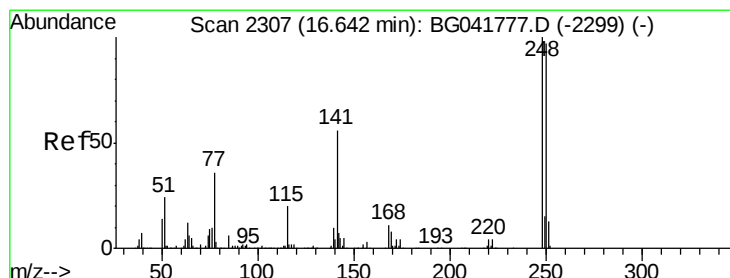
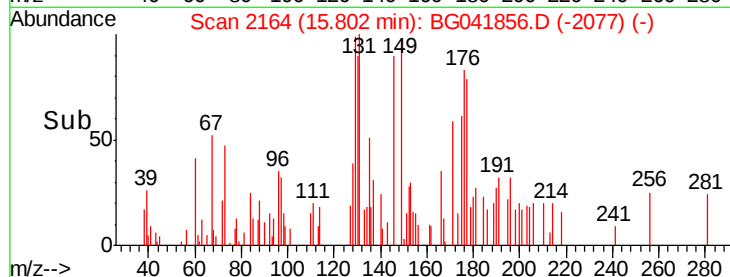
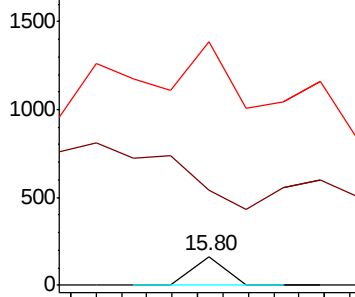
105 845.1 18.0 58.0#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG041777.D (-2160) (-)

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 5.014 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.45 min

Lab File: BG041856.D

Acq: 1 Aug 2019 10:26

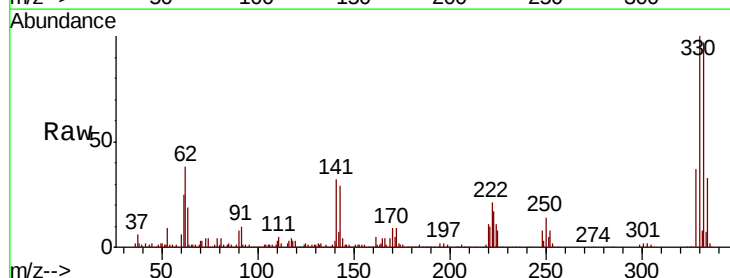
Tgt Ion:248 Resp: 37111

Ion Ratio Lower Upper

248 100

250 193.2 78.1 117.1#

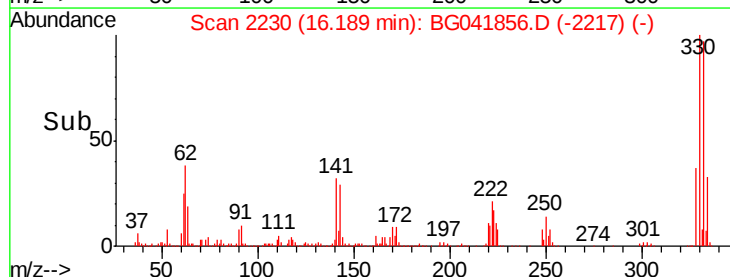
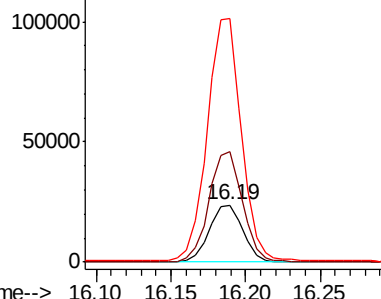
141 425.8 49.6 74.4#

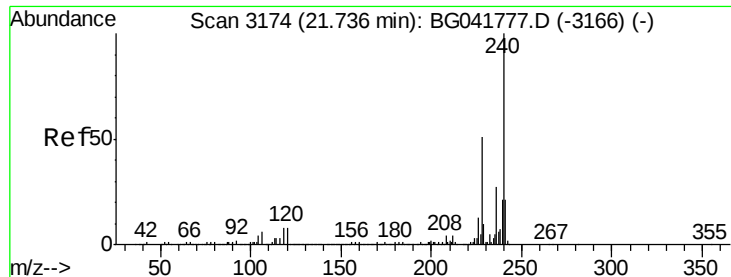


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG041856.D

Acq: 1 Aug 2019 10:26

Instrument :

BNA_G

ClientSampleId :

OWL-C7-GW

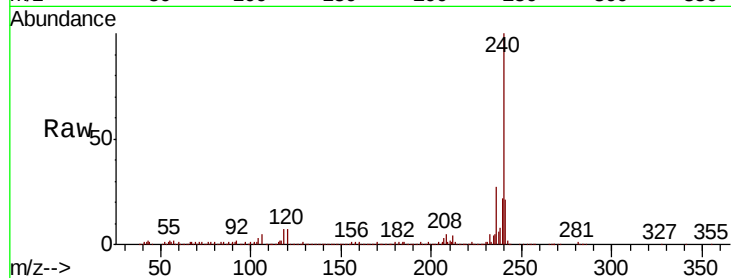
Tot Ion:240 Resp: 636024

Ion Ratio Lower Upper

240 100

120 7.3 8.0 12.0#

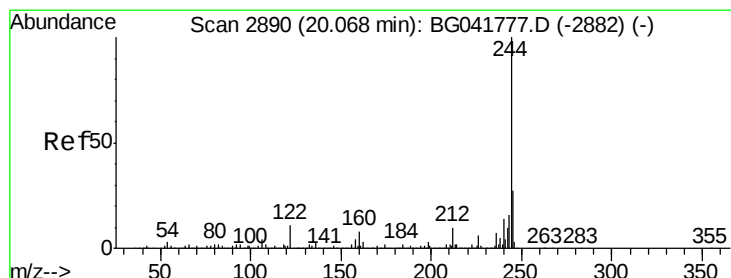
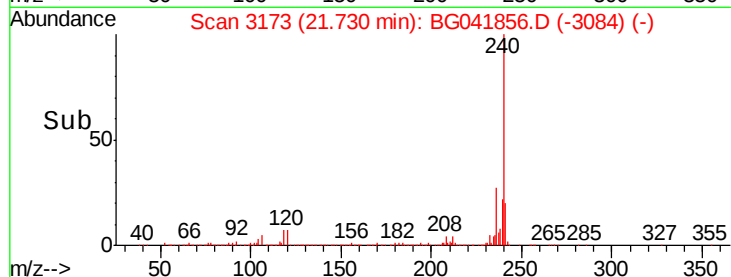
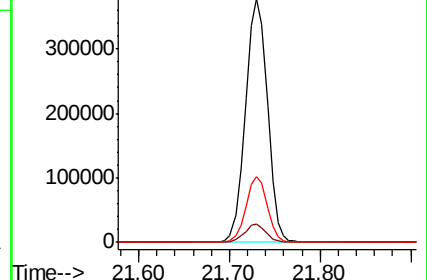
236 27.1 22.6 33.8



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: 81.735 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.01 min

Lab File: BG041856.D

Acq: 1 Aug 2019 10:26

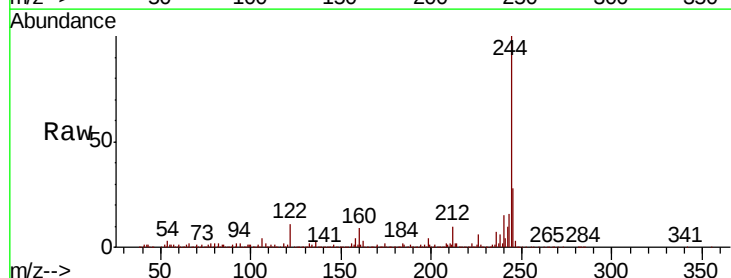
Tgt Ion:244 Resp: 2271824

Ion Ratio Lower Upper

244 100

212 9.9 9.7 14.5

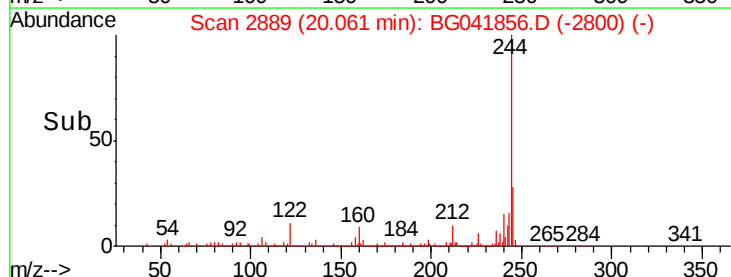
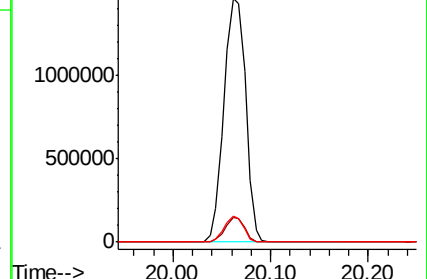
122 10.8 12.5 18.7#

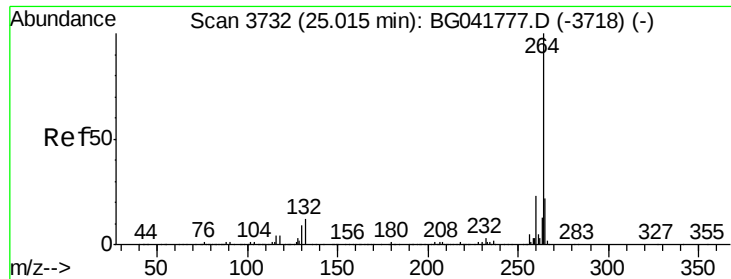


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3729
Delta R.T. -0.02 min
Lab File: BG041856.D
Acq: 1 Aug 2019 10:26

Instrument :
BNA_G
ClientSampleId :
OWL-C7-GW

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.1	18.0	27.0

