

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080320\
 Data File : BG046156.D
 Acq On : 3 Aug 2020 19:23
 Operator : CG/JU
 Sample : L3536-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JTY1-GW-01

Quant Time: Aug 04 00:57:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

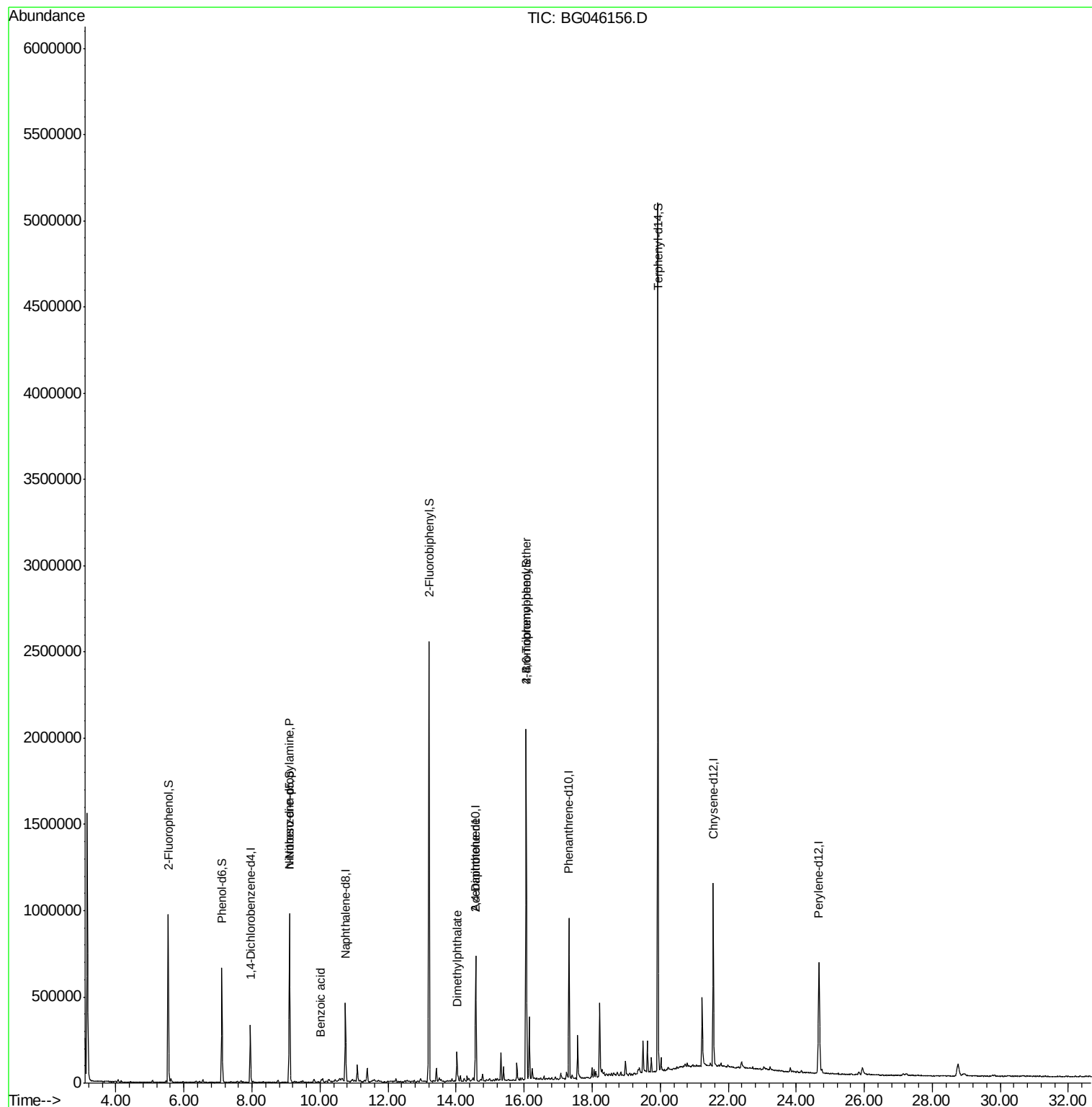
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	99835	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	395152	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	257786	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	594507	20.00	ng	0.00
76) Chrysene-d12	21.56	240	631059	20.00	ng	-0.01
86) Perylene-d12	24.67	264	675989	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	440598	76.72	ng	0.00
7) Phenol-d6	7.11	99	397802	50.82	ng	0.00
23) Nitrobenzene-d5	9.10	82	598368	81.99	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	422893	106.80	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1362076	76.75	ng	0.00
79) Terphenyl-d14	19.93	244	2007518	64.79	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.10	70	77984	15.309	ng	Qvalue # 80
32) Benzoic acid	10.02	122	56	9.421	ng	# 47
50) Dimethylphthalate	14.03	163	114948	5.810	ng	97
57) 2,4-Dinitrotoluene	14.58	165	35262	5.570	ng	# 29
67) 4-Bromophenyl-phenylether	16.06	248	26536	3.613	ng	# 1

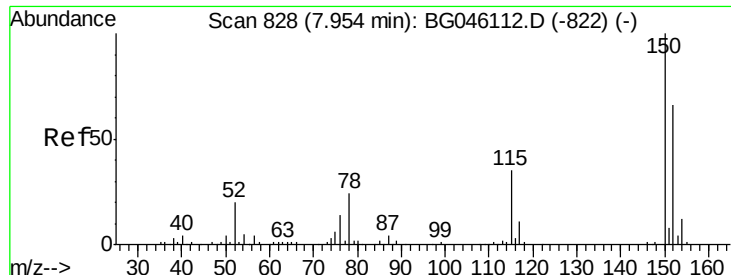
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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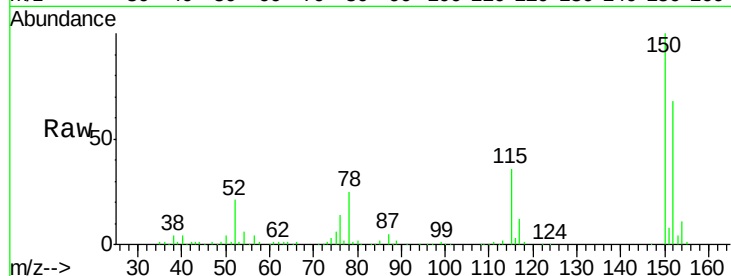


#1

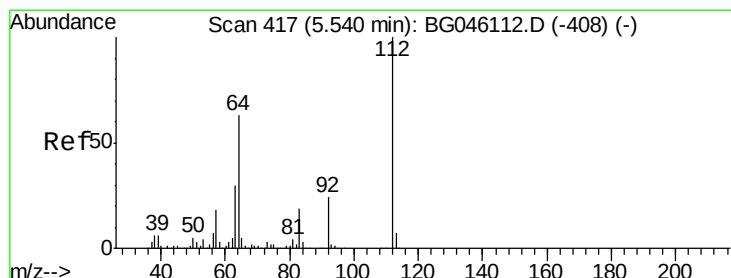
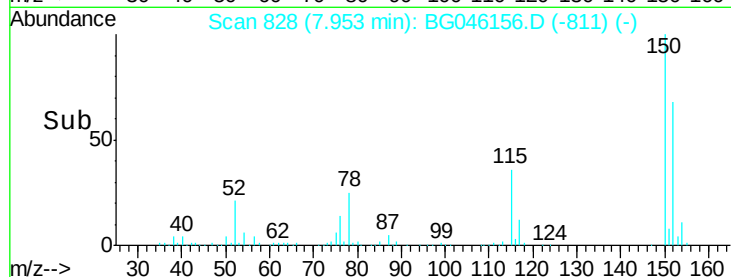
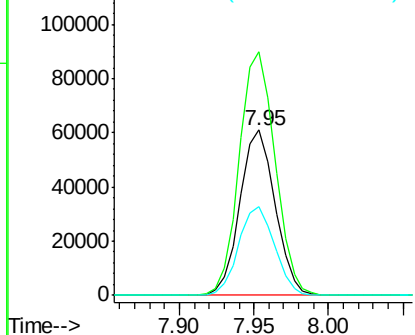
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046156.D
Acq: 3 Aug 2020 19:23

Instrument :
BNA_G
ClientSampleId :
JTY1-GW-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.6	122.1	183.1
115	53.7	43.2	64.8



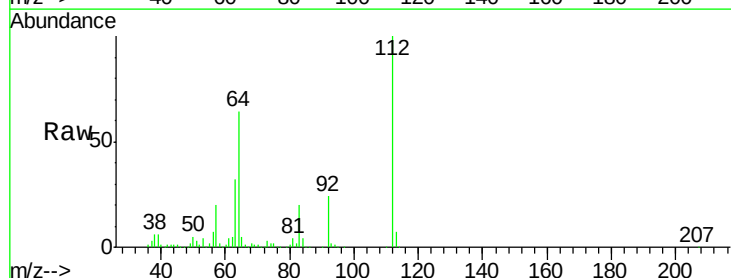
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



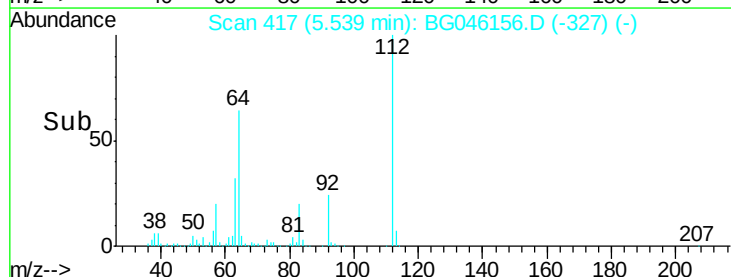
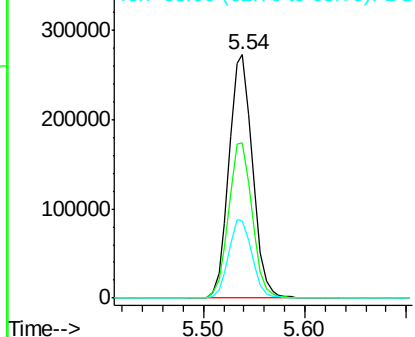
#5

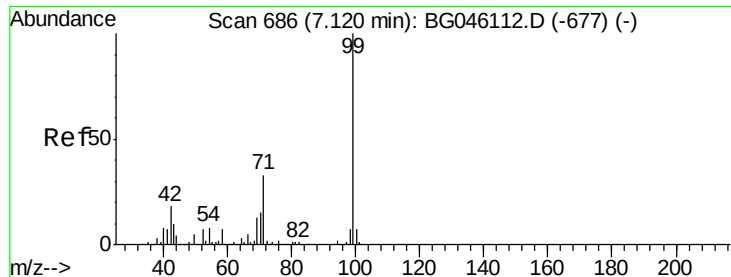
2-Fluorophenol
Concen: 76.719 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG046156.D
Acq: 3 Aug 2020 19:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	50.2	75.2
63	31.9	24.2	36.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 50.825 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG046156.D

Acq: 3 Aug 2020 19:23

Instrument :

BNA_G

ClientSampleId :

JTY1-GW-01

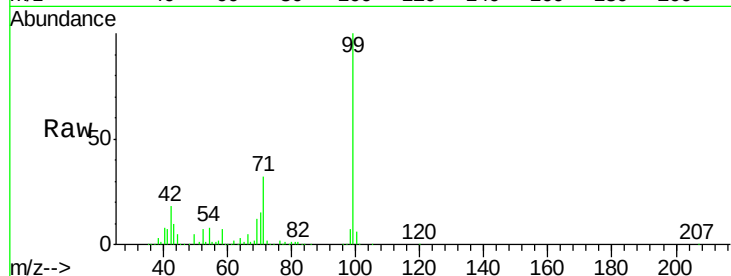
Tot Ion: 99 Resp: 397802

Ion Ratio Lower Upper

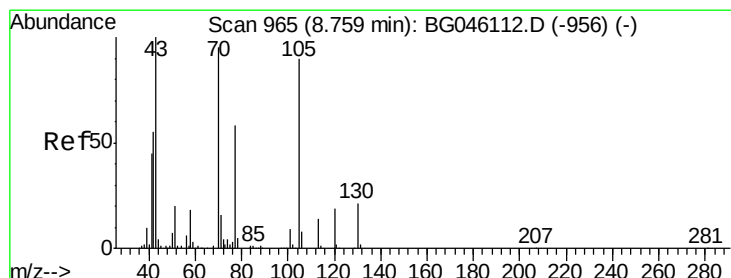
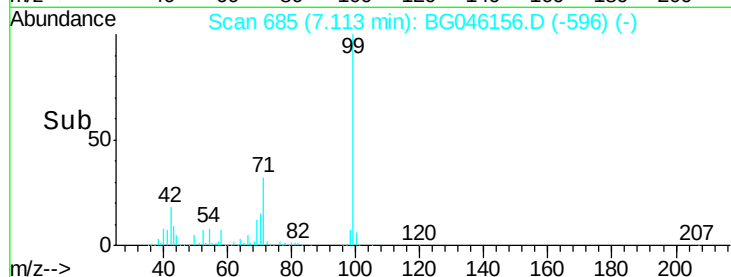
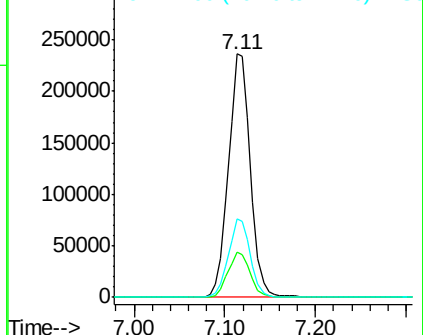
99 100

42 18.3 14.7 22.1

71 32.2 26.5 39.7



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: 15.309 ng

RT: 9.10 min Scan# 1024

Delta R.T. 0.35 min

Lab File: BG046156.D

Acq: 3 Aug 2020 19:23

Tgt Ion: 70 Resp: 77984

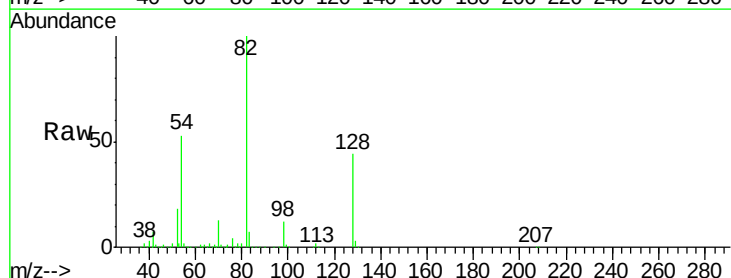
Ion Ratio Lower Upper

70 100

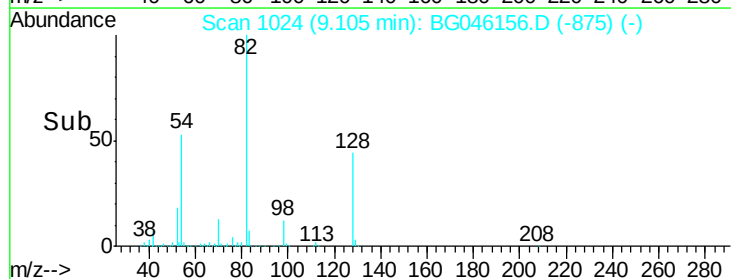
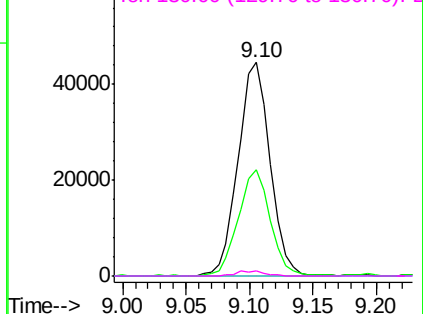
42 49.7 46.5 69.7

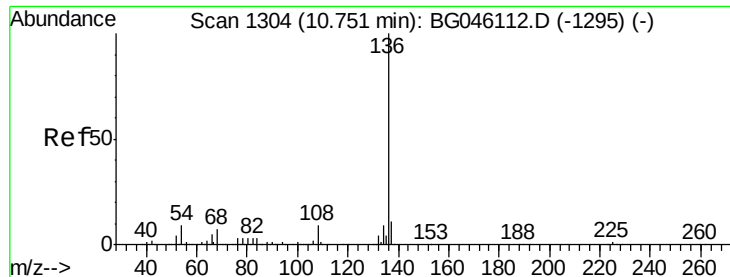
101 0.0 7.6 11.4#

130 2.2 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

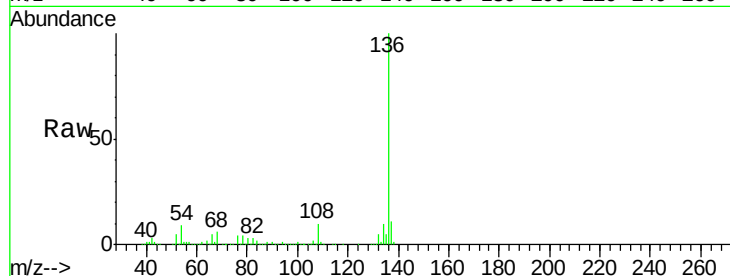




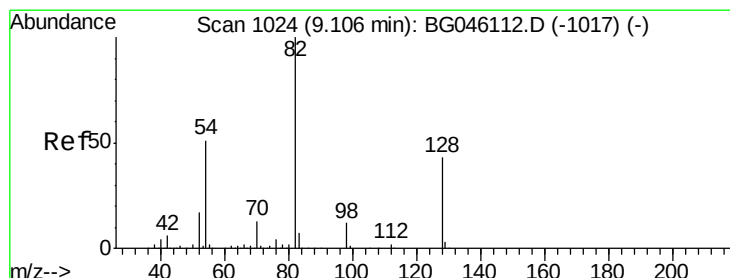
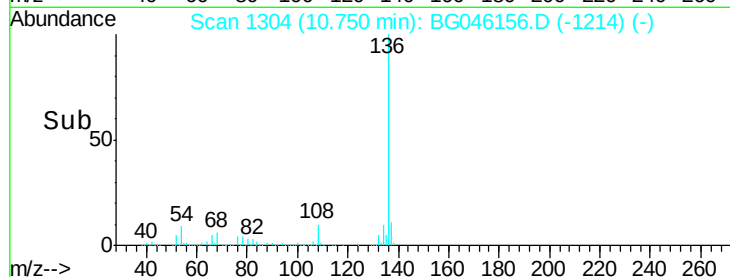
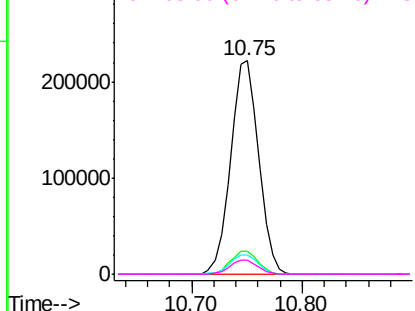
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG046156.D
Acq: 3 Aug 2020 19:23

Instrument :
BNA_G
ClientSampleId :
JTY1-GW-01

Tot Ion:136	Resp:	395152
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.8	13.2
54 9.0	7.0	10.4
68 6.4	5.3	7.9

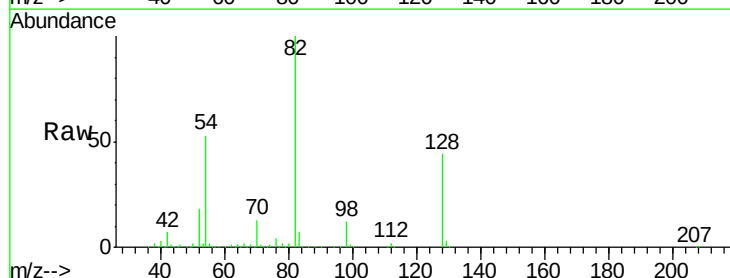


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

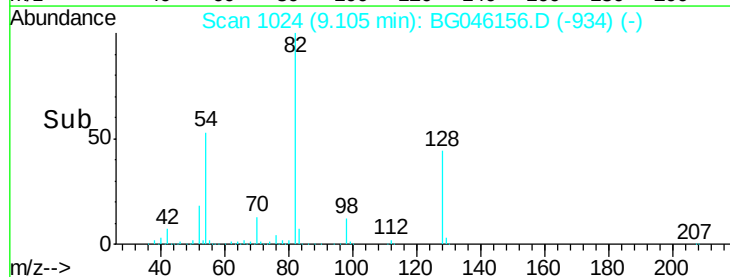
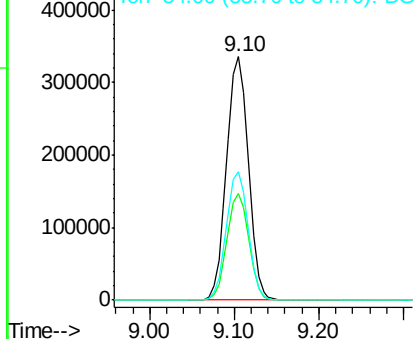


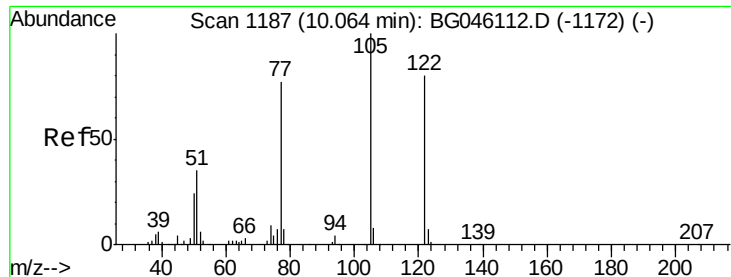
#23
Nitrobenzene-d5
Concen: 81.987 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046156.D
Acq: 3 Aug 2020 19:23

Tgt	Ion: 82	Resp:	598368
Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.4	51.6
54	52.8	40.8	61.2



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

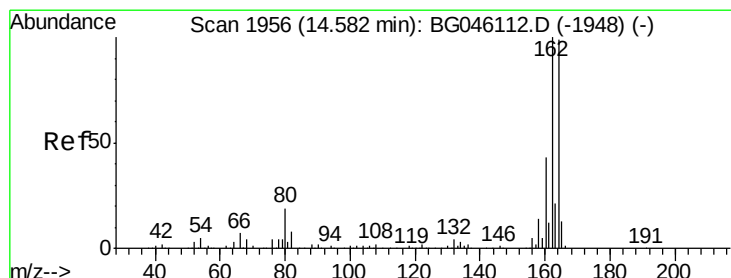
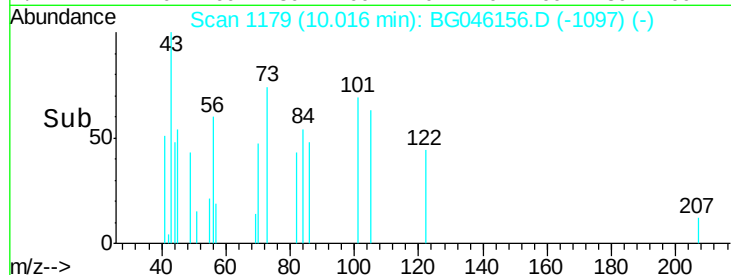
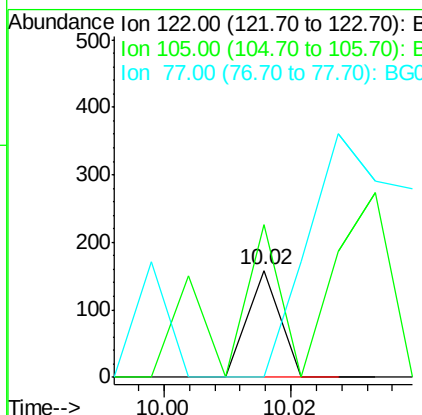
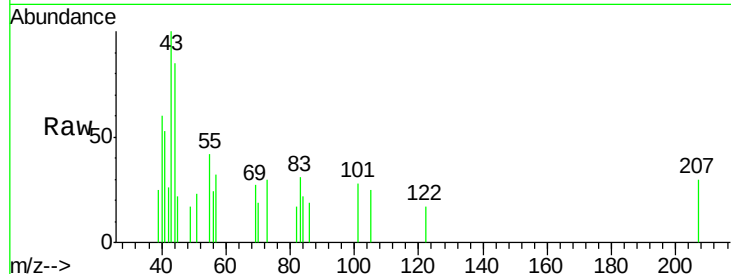




#32
Benzoic acid
Concen: 9.421 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BG046156.D
Acq: 3 Aug 2020 19:23

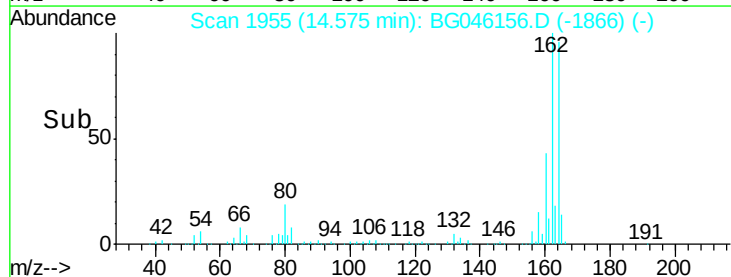
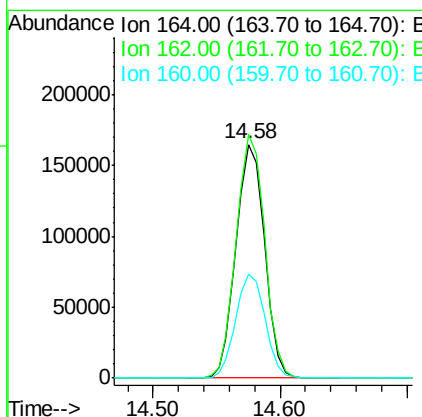
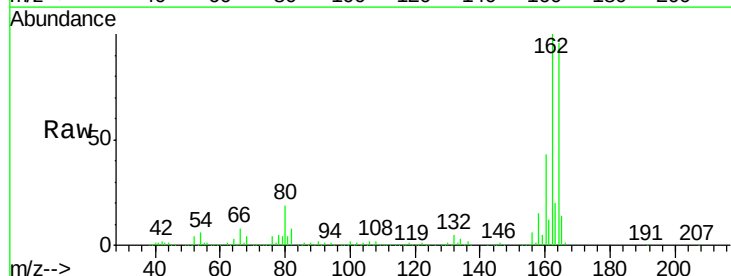
Instrument :
BNA_G
ClientSampleId :
JTY1-GW-01

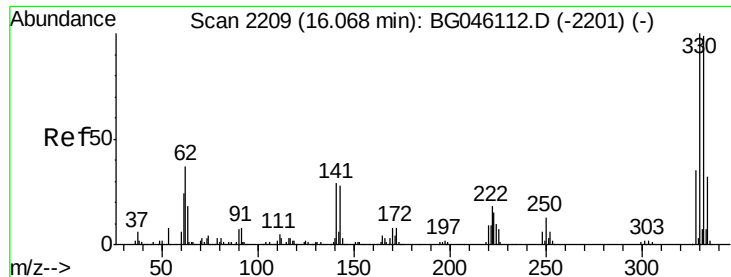
Tot Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 143.7 103.0 143.0#
77 0.0 75.2 115.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG046156.D
Acq: 3 Aug 2020 19:23

Tgt Ion:164 Resp: 257786
Ion Ratio Lower Upper
164 100
162 104.1 80.6 121.0
160 44.7 34.9 52.3

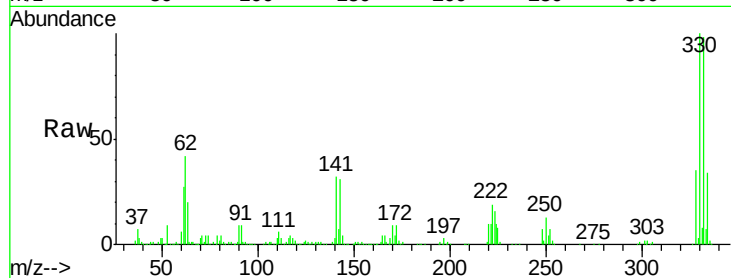




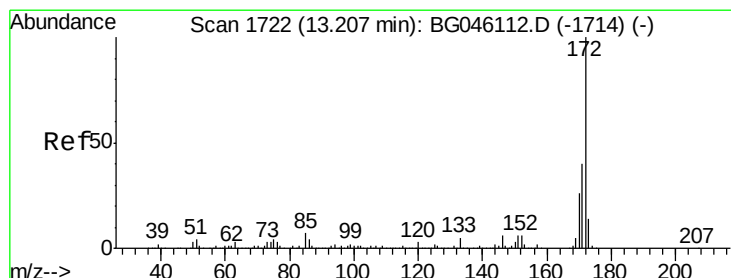
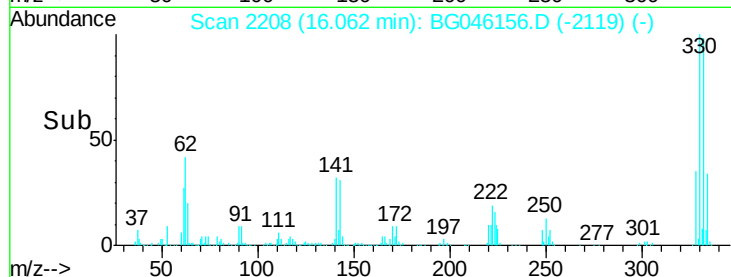
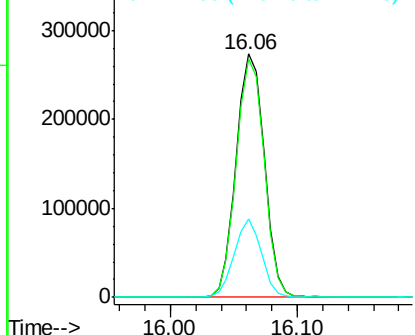
#42
 2,4,6-Tribromophenol
 Concen: 106.803 ng
 RT: 16.06 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG046156.D
 Acq: 3 Aug 2020 19:23

Instrument :
 BNA_G
 ClientSampleId :
 JTY1-GW-01

Tot Ion:330 Resp: 422893
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.4 116.2
 141 30.9 23.4 35.0

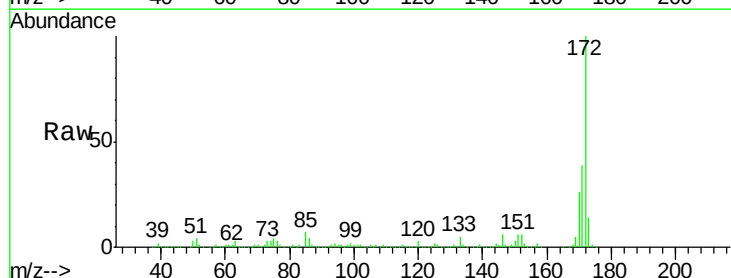


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

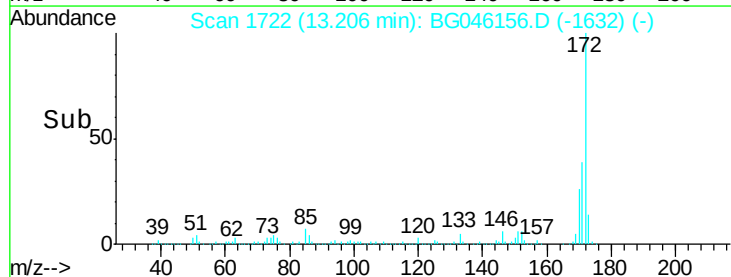
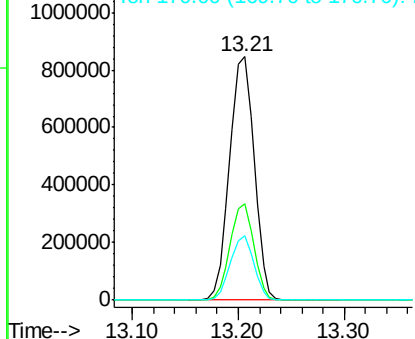


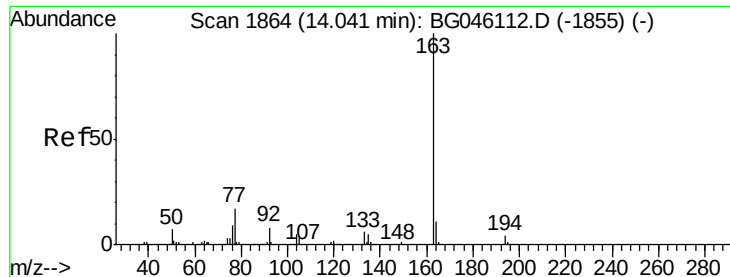
#45
 2-Fluorobiphenyl
 Concen: 76.753 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG046156.D
 Acq: 3 Aug 2020 19:23

Tgt Ion:172 Resp: 1362076
 Ion Ratio Lower Upper
 172 100
 171 39.5 31.7 47.5
 170 26.4 20.9 31.3



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

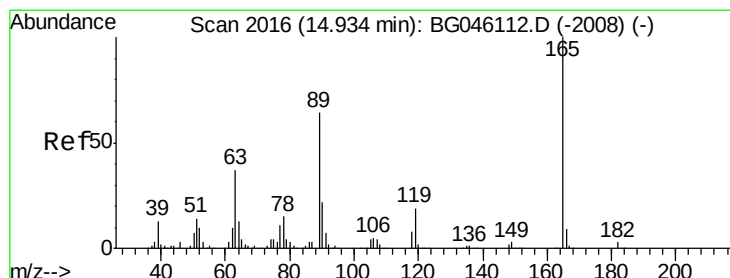
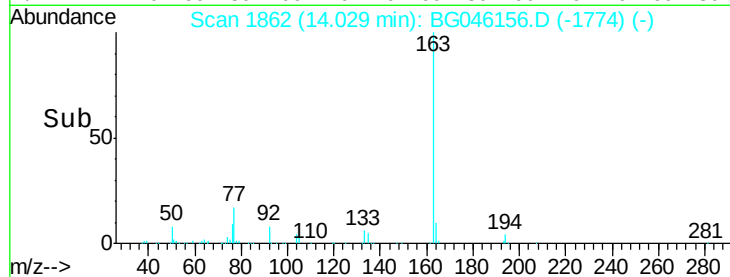
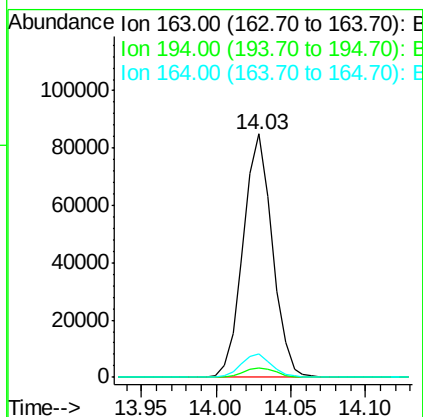
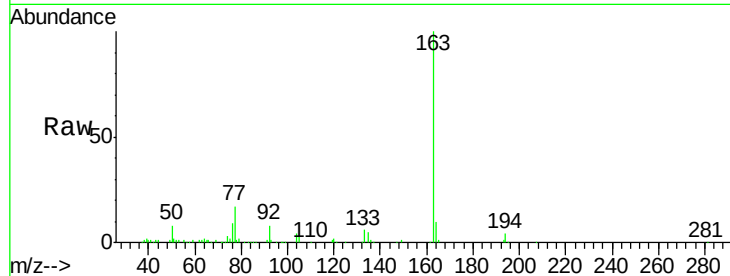




#50
Dimethylphthalate
Concen: 5.810 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG046156.D
Acq: 3 Aug 2020 19:23

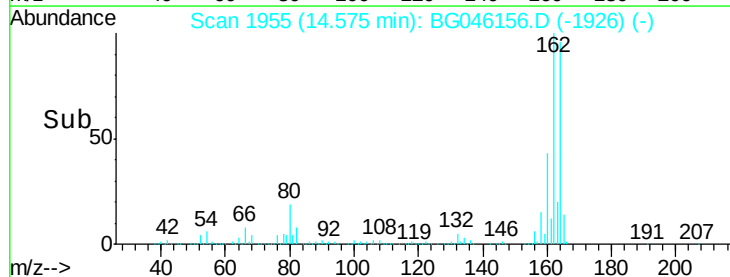
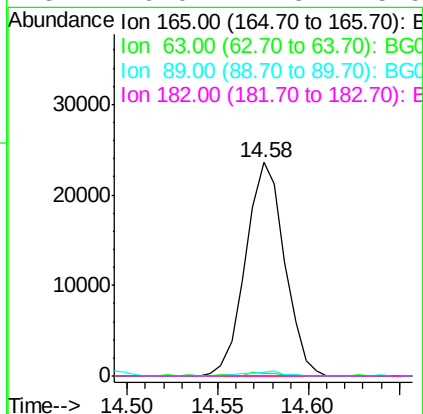
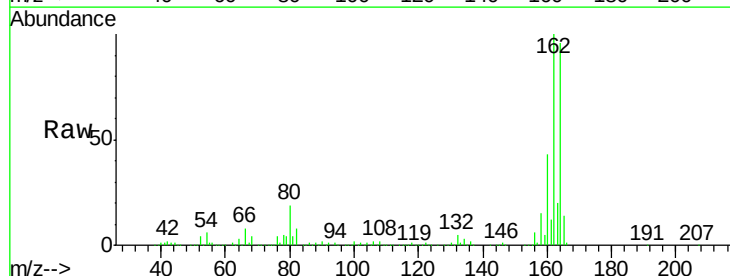
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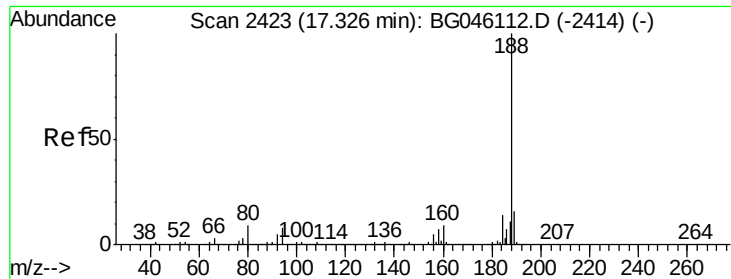
Tot Ion:163 Resp: 114948
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 9.6 8.8 13.2



#57
2,4-Dinitrotoluene
Concen: 5.570 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.36 min
Lab File: BG046156.D
Acq: 3 Aug 2020 19:23

Tgt Ion:165 Resp: 35262
Ion Ratio Lower Upper
165 100
63 0.9 30.1 45.1#
89 2.0 51.4 77.2#
182 0.0 2.3 3.5#

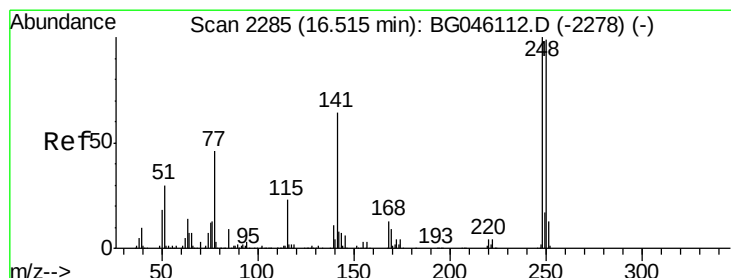
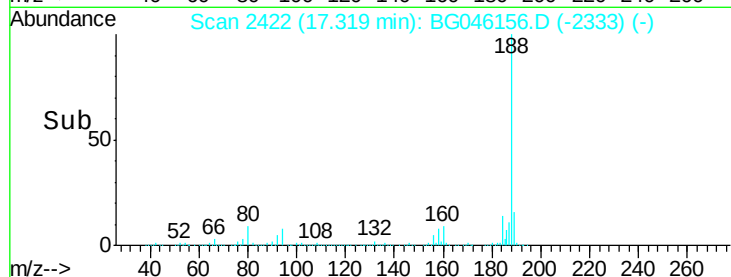
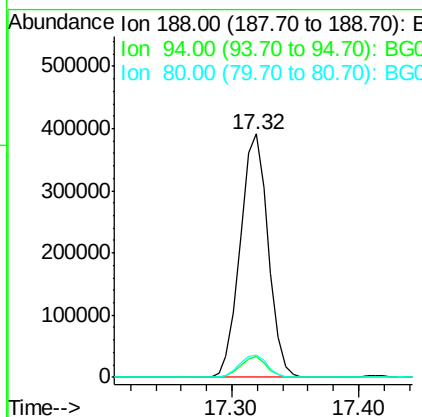
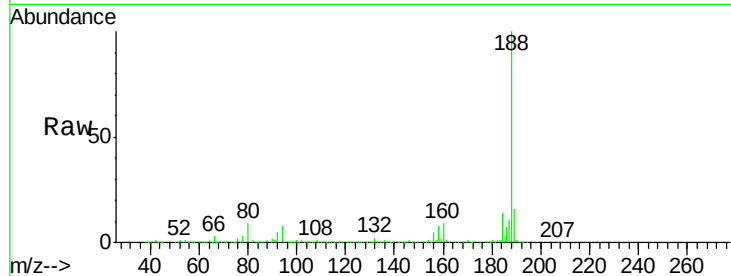




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG046156.D
Acq: 3 Aug 2020 19:23

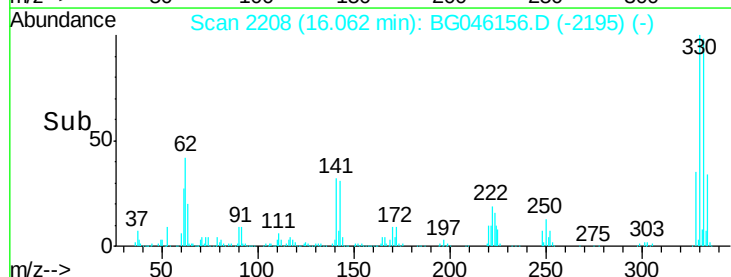
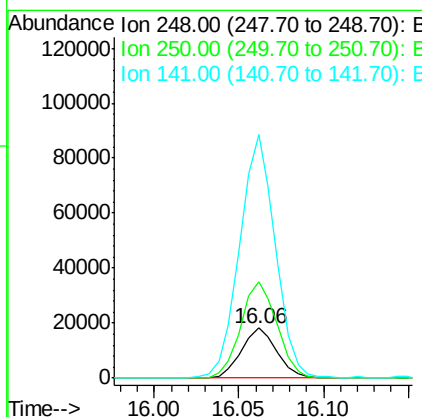
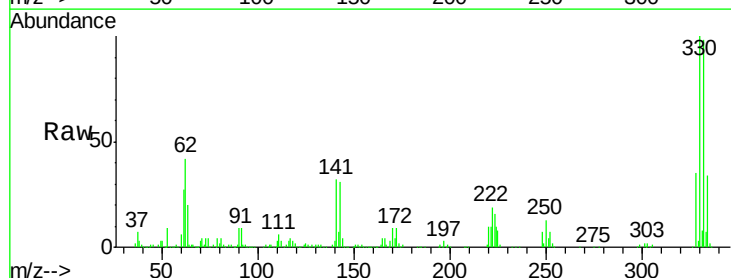
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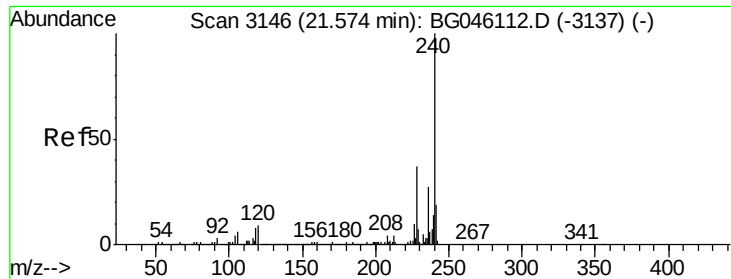
Tot Ion:188 Resp: 594507
Ion Ratio Lower Upper
188 100
94 8.4 6.4 9.6
80 9.0 7.4 11.0



#67
4-Bromophenyl-phenylether
Concen: 3.613 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.45 min
Lab File: BG046156.D
Acq: 3 Aug 2020 19:23

Tgt Ion:248 Resp: 26536
Ion Ratio Lower Upper
248 100
250 192.8 79.4 119.0#
141 485.3 50.9 76.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG046156.D

Acq: 3 Aug 2020 19:23

Instrument :

BNA_G

ClientSampleId :

JTY1-GW-01

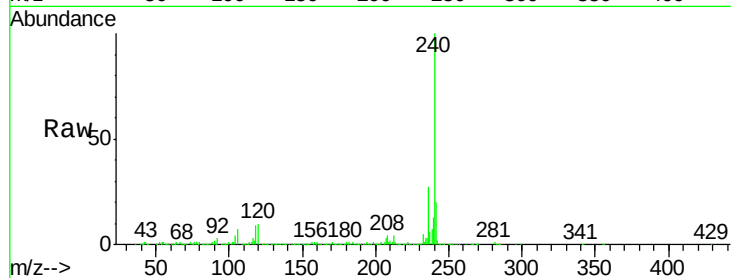
Tot Ion:240 Resp: 631059

Ion Ratio Lower Upper

240 100

120 9.6 7.1 10.7

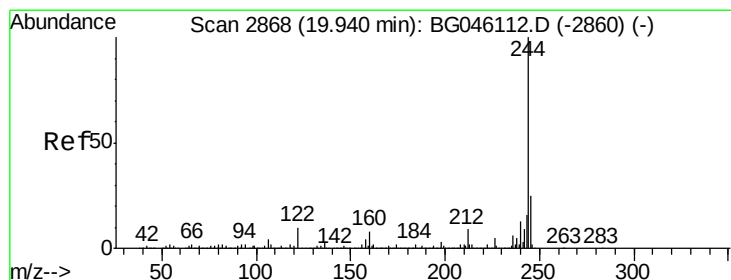
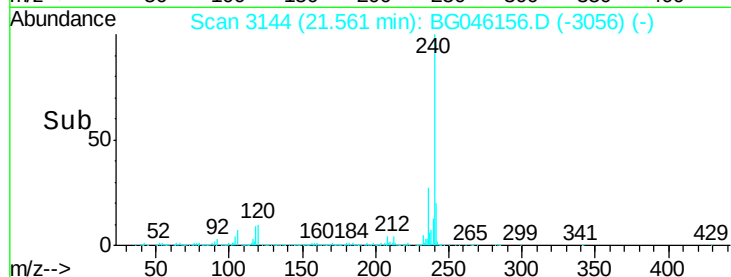
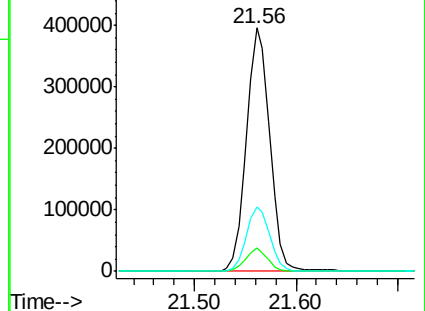
236 26.6 21.7 32.5



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: 64.789 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046156.D

Acq: 3 Aug 2020 19:23

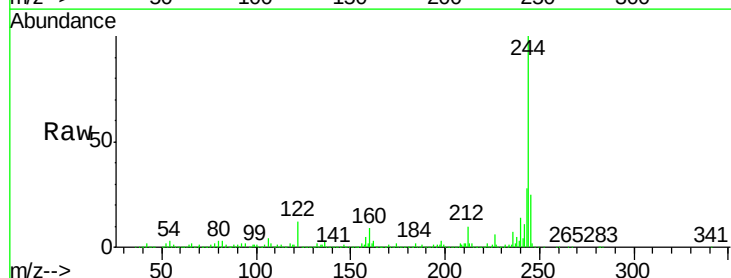
Tgt Ion:244 Resp: 2007518

Ion Ratio Lower Upper

244 100

212 9.5 7.2 10.8

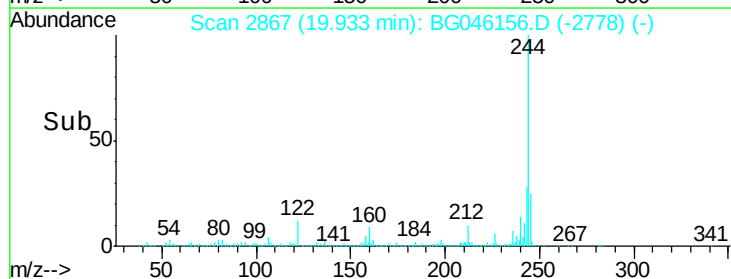
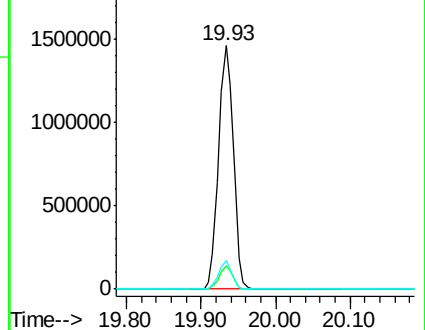
122 11.5 8.3 12.5

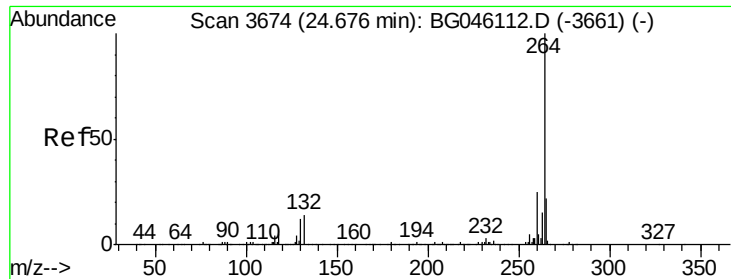


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3673
Delta R.T. -0.01 min
Lab File: BG046156.D
Acq: 3 Aug 2020 19:23

Instrument :
BNA_G
ClientSampleId :
JTY1-GW-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.7	29.5
265	21.2	17.6	26.4

