

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080320\
 Data File : BG046159.D
 Acq On : 3 Aug 2020 21:25
 Operator : CG/JU
 Sample : L3535-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JTY1-SB-101

Quant Time: Aug 04 00:57:52 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

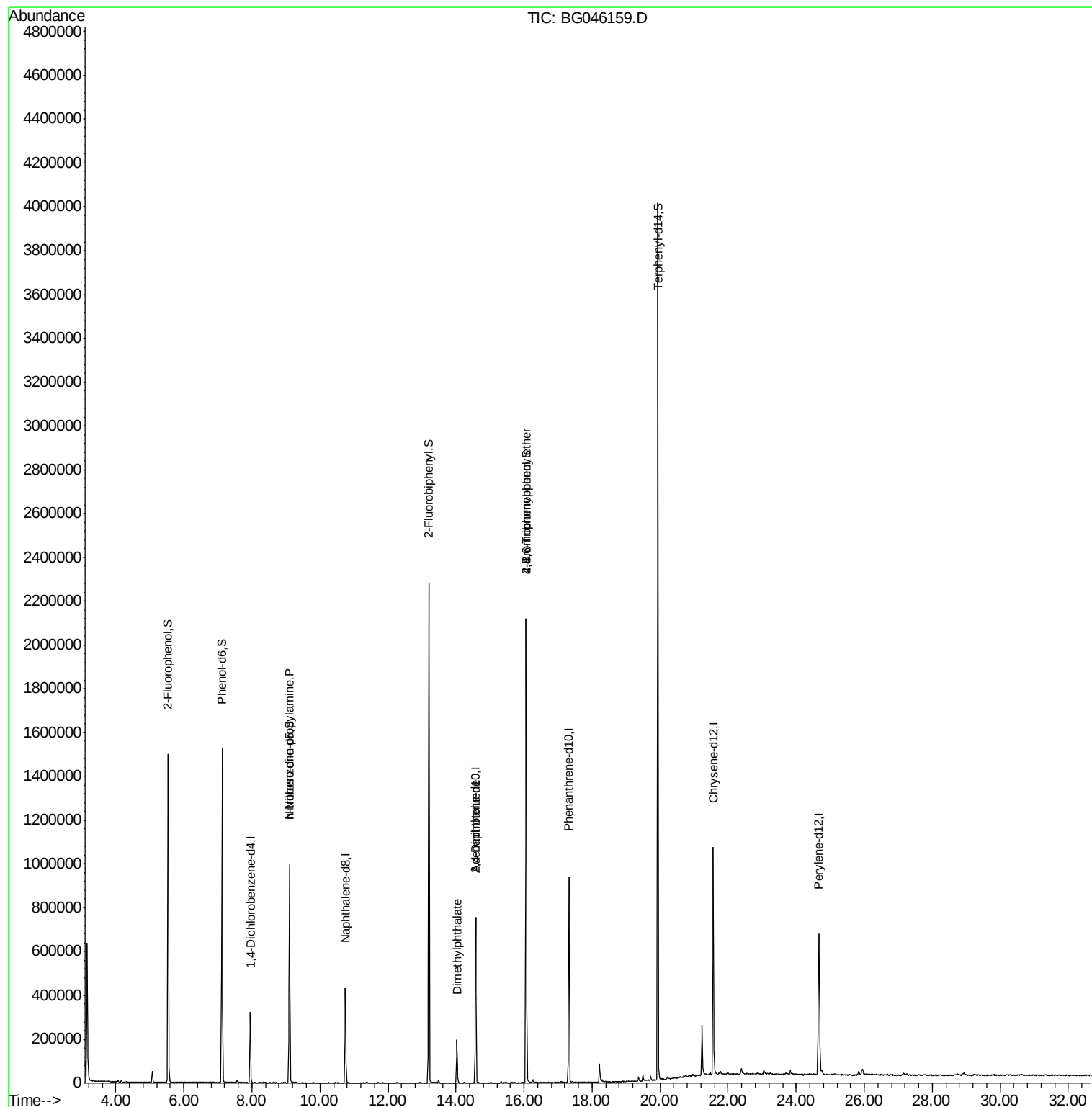
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	97683	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	395064	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	257094	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	603339	20.00	ng	0.00
76) Chrysene-d12	21.56	240	628465	20.00	ng	-0.01
86) Perylene-d12	24.67	264	653230	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	664091	118.18	ng	0.00
7) Phenol-d6	7.12	99	880038	114.91	ng	0.00
23) Nitrobenzene-d5	9.11	82	593750	81.37	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	421503	106.74	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1201155	67.87	ng	0.00
79) Terphenyl-d14	19.93	244	1754095	56.84	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.11	70	78660	15.782	ng	Qvalue # 77
50) Dimethylphthalate	14.03	163	139826	7.086	ng	97
57) 2,4-Dinitrotoluene	14.58	165	34017	5.387	ng	# 29
67) 4-Bromophenyl-phenylether	16.06	248	27512	3.691	ng	# 1

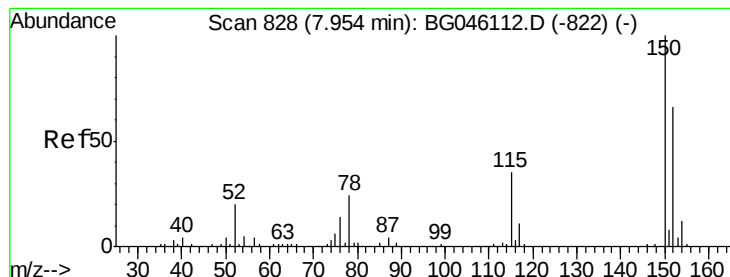
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



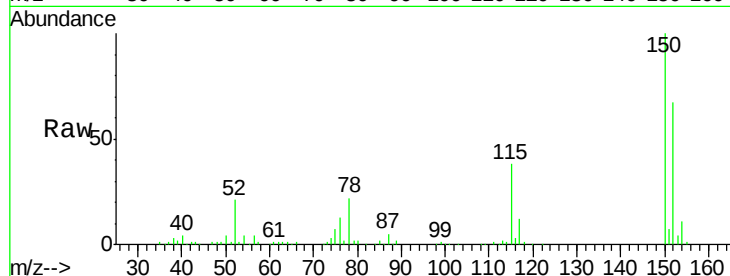


#1

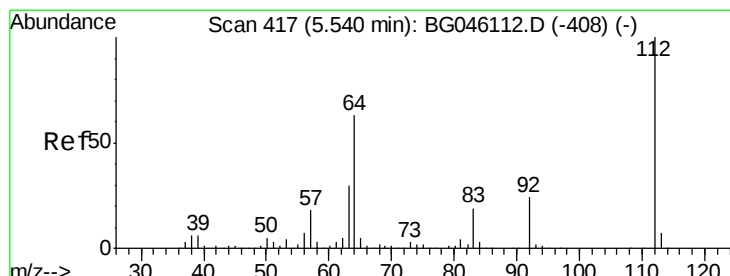
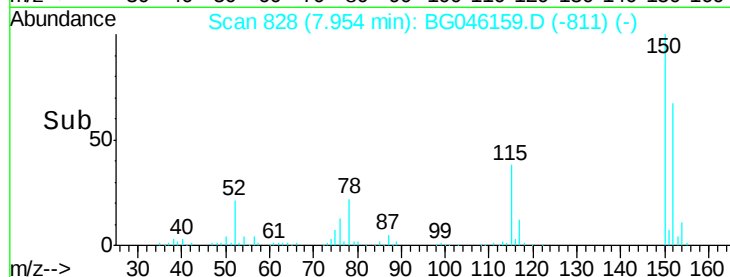
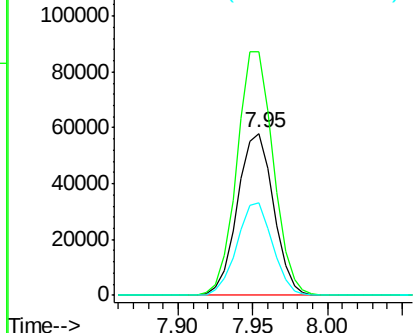
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046159.D
Acq: 3 Aug 2020 21:25

Instrument :
BNA_G
ClientSampleId :
JTY1-SB-101

Tot Ion:152 Resp: 97683
Ion Ratio Lower Upper
152 100
150 150.4 122.1 183.1
115 57.3 43.2 64.8



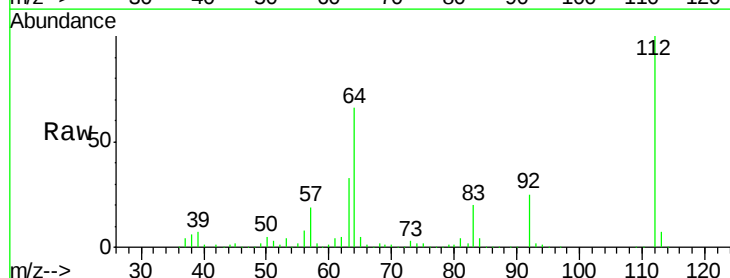
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



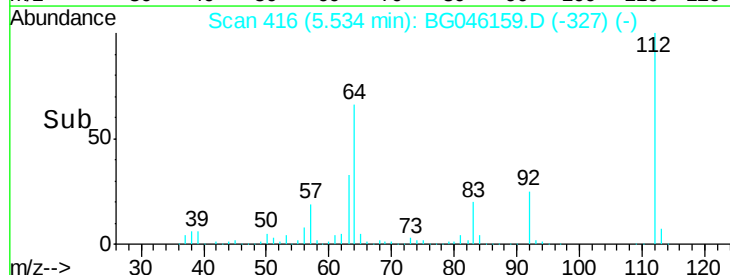
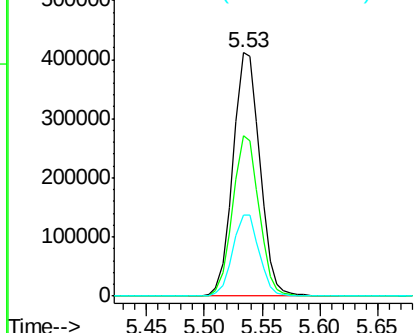
#5

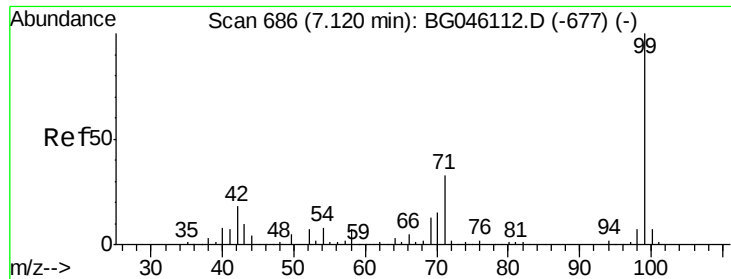
2-Fluorophenol
Concen: 118.182 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG046159.D
Acq: 3 Aug 2020 21:25

Tgt Ion:112 Resp: 664091
Ion Ratio Lower Upper
112 100
64 65.7 50.2 75.2
63 33.3 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: 114.914 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046159.D

Acq: 3 Aug 2020 21:25

Instrument :

BNA_G

ClientSampleId :

JTY1-SB-101

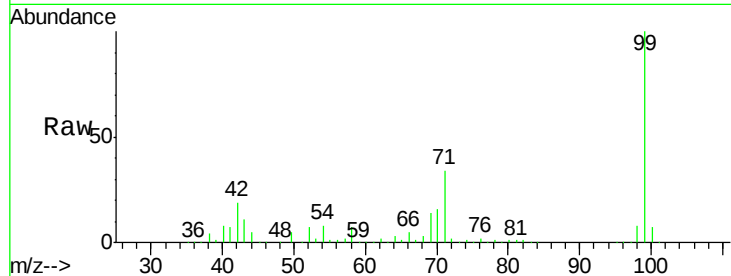
Tot Ion: 99 Resp: 880038

Ion Ratio Lower Upper

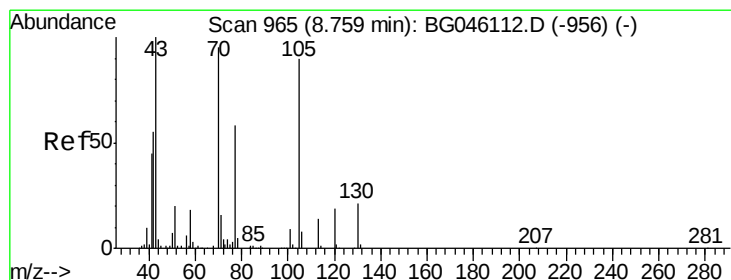
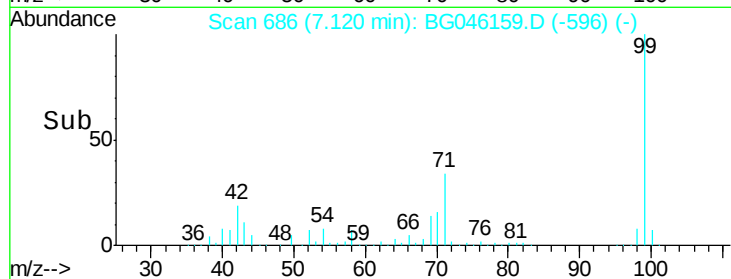
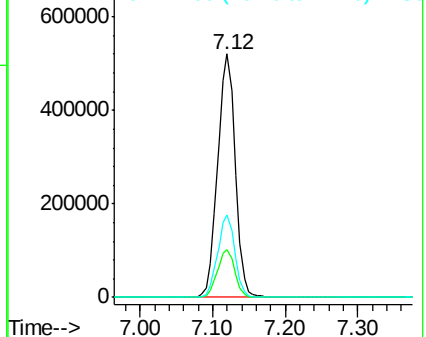
99 100

42 19.5 14.7 22.1

71 34.0 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: 15.782 ng

RT: 9.11 min Scan# 1024

Delta R.T. 0.35 min

Lab File: BG046159.D

Acq: 3 Aug 2020 21:25

Tgt Ion: 70 Resp: 78660

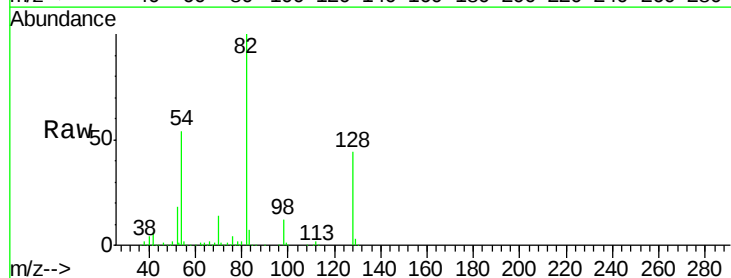
Ion Ratio Lower Upper

70 100

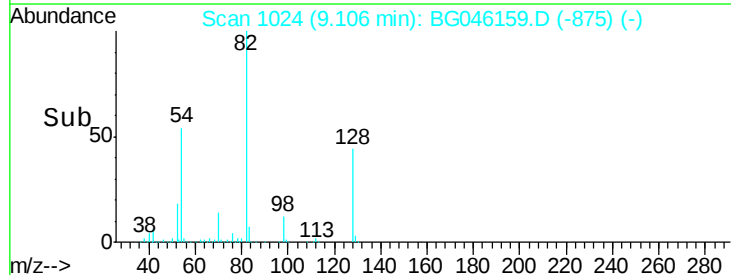
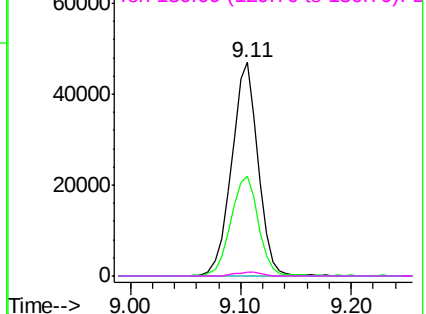
42 46.6 46.5 69.7

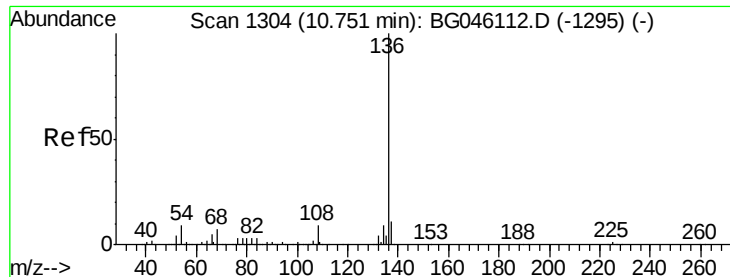
101 0.0 7.6 11.4#

130 1.7 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

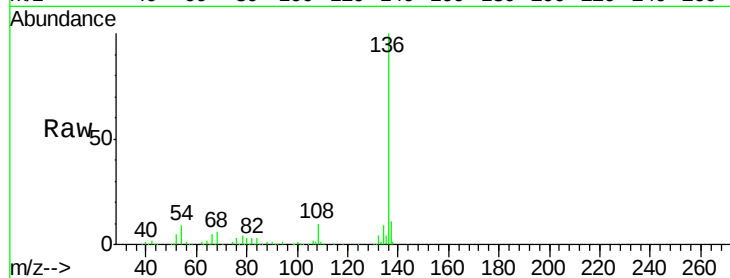




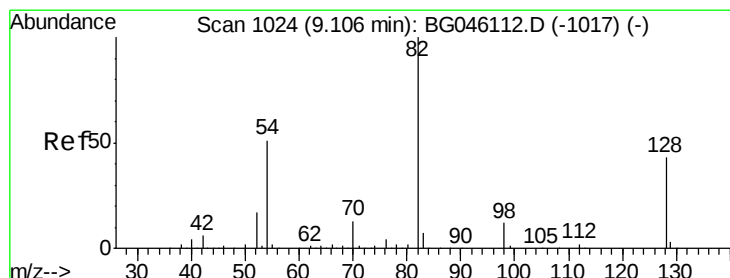
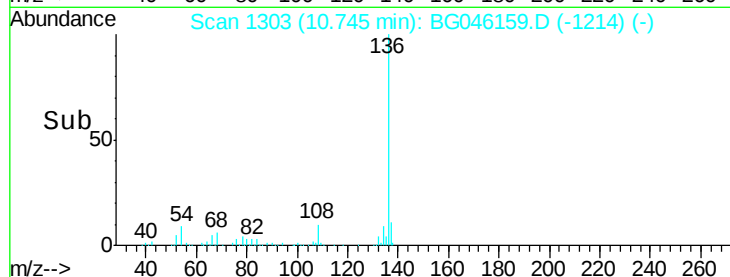
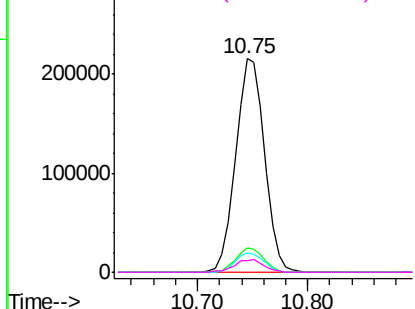
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG046159.D
Acq: 3 Aug 2020 21:25

Instrument :
BNA_G
ClientSampleId :
JTY1-SB-101

Tot Ion:136	Resp:	395064
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.8 13.2
54	9.0	7.0 10.4
68	5.6	5.3 7.9

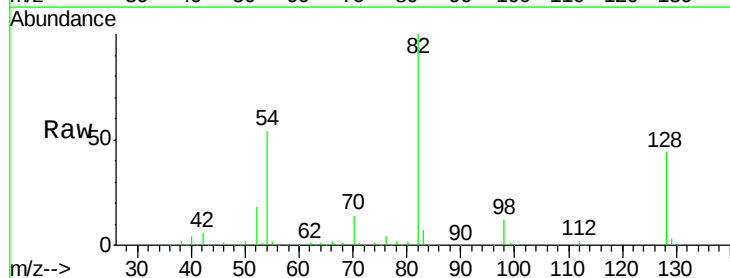


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

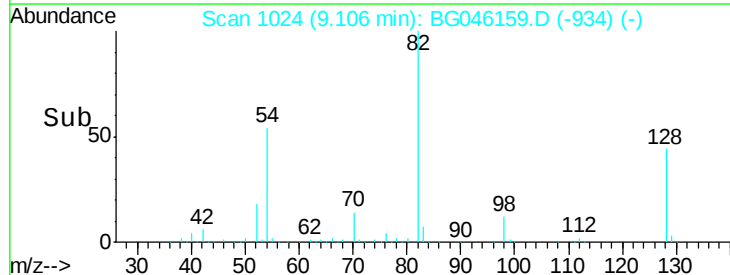
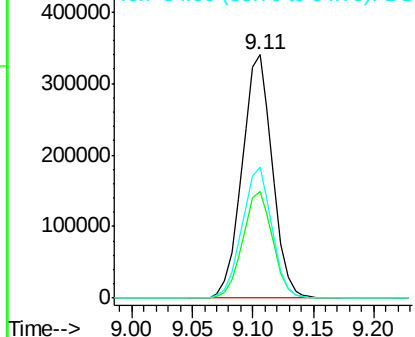


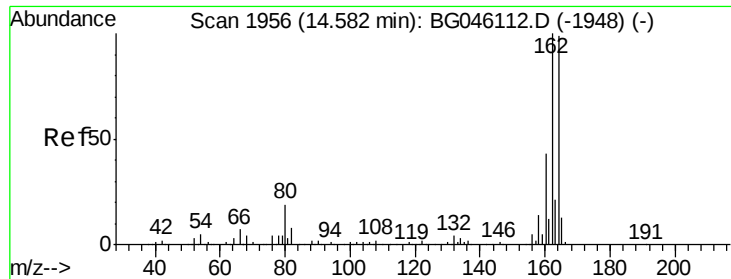
#23
Nitrobenzene-d5
Concen: 81.372 ng
RT: 9.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046159.D
Acq: 3 Aug 2020 21:25

Tgt Ion: 82	Resp:	593750
Ion	Ratio	Lower Upper
82	100	
128	43.7	34.4 51.6
54	53.5	40.8 61.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG046159.D

Acq: 3 Aug 2020 21:25

Instrument :

BNA_G

ClientSampleId :

JTY1-SB-101

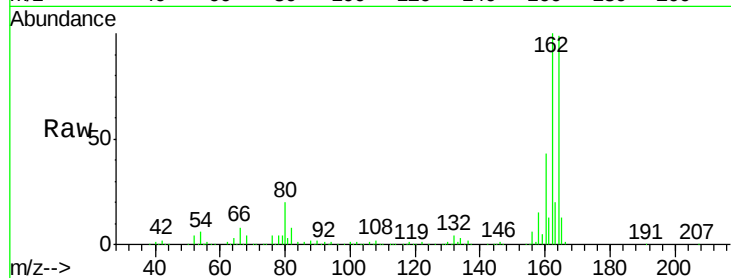
Tot Ion:164 Resp: 257094

Ion Ratio Lower Upper

164 100

162 101.3 80.6 121.0

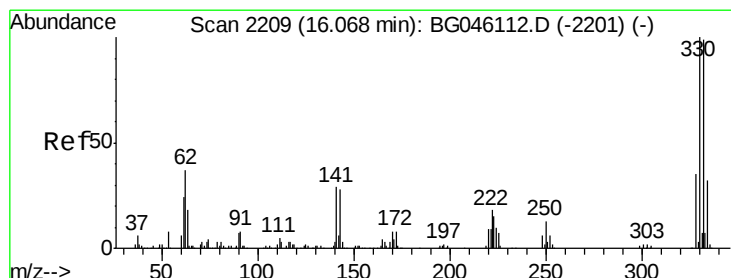
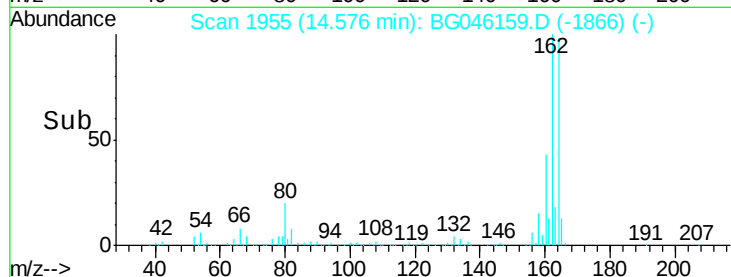
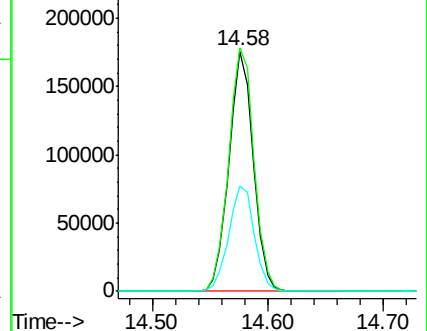
160 43.8 34.9 52.3



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: 106.739 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG046159.D

Acq: 3 Aug 2020 21:25

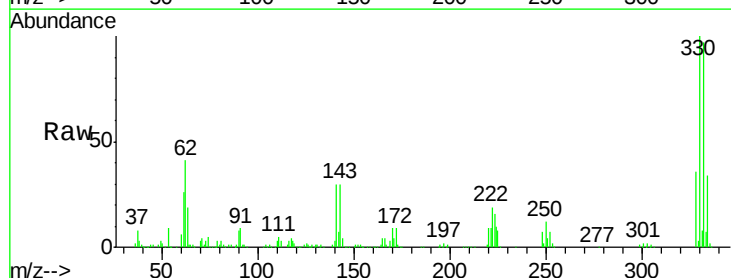
Tgt Ion:330 Resp: 421503

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.2

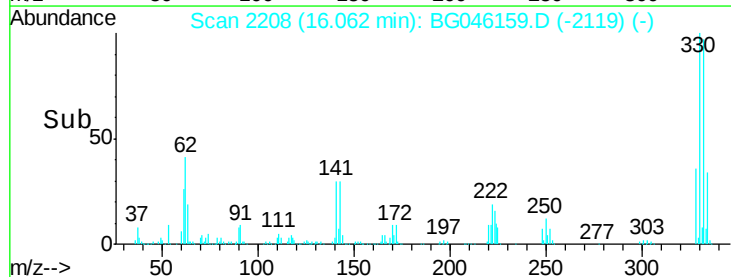
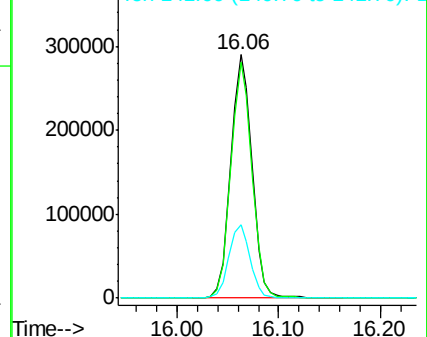
141 30.2 23.4 35.0

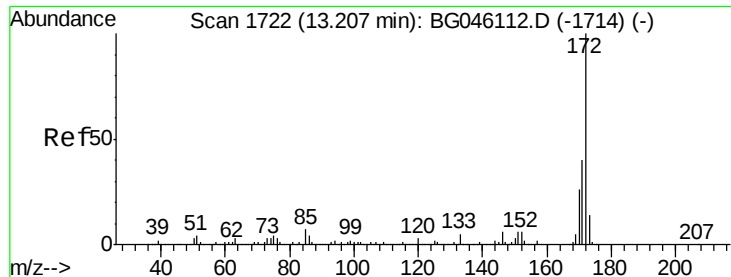


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

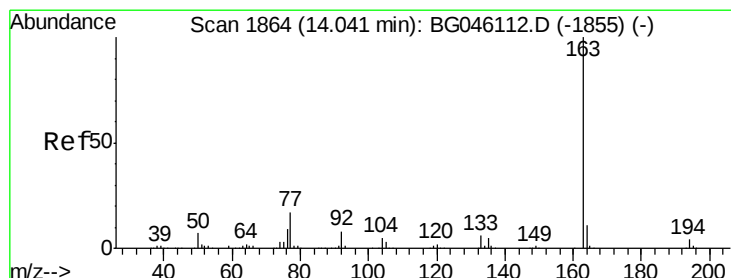
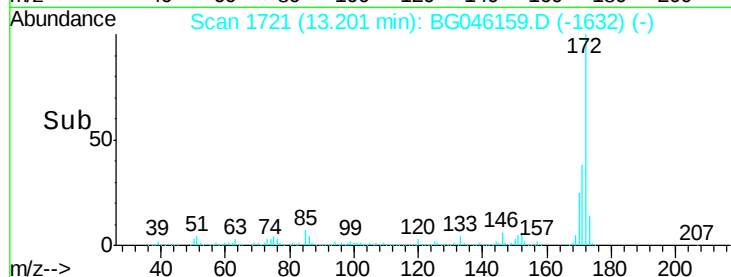
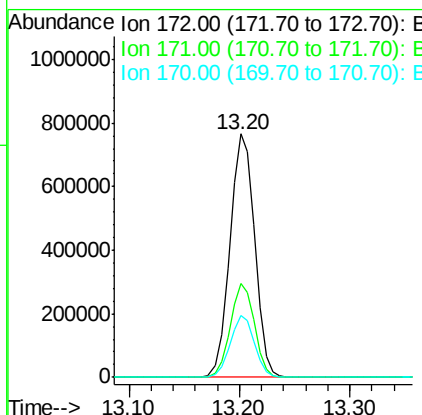
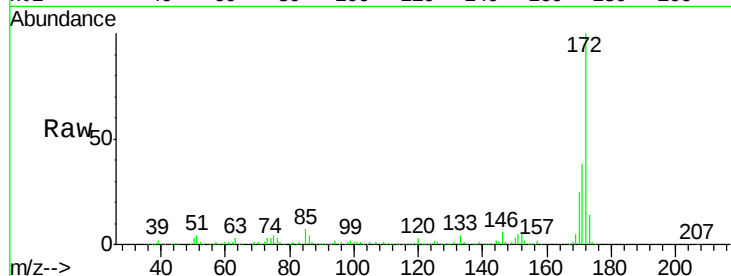




#45
2-Fluorobiphenyl
Concen: 67.868 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BG046159.D
Acq: 3 Aug 2020 21:25

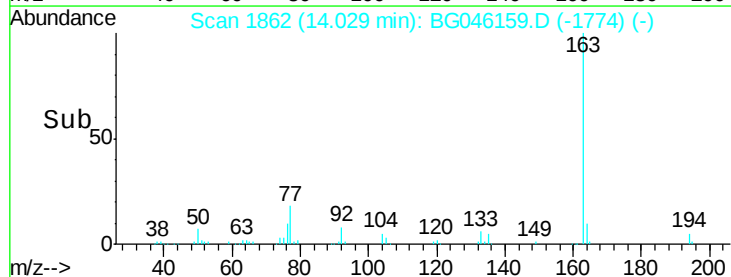
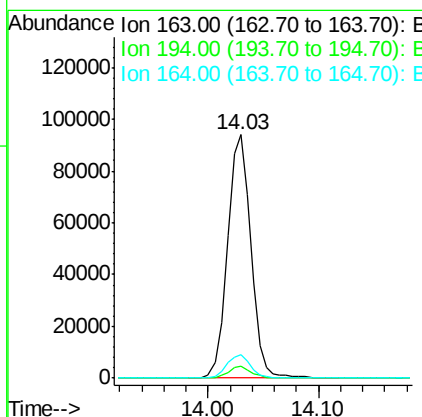
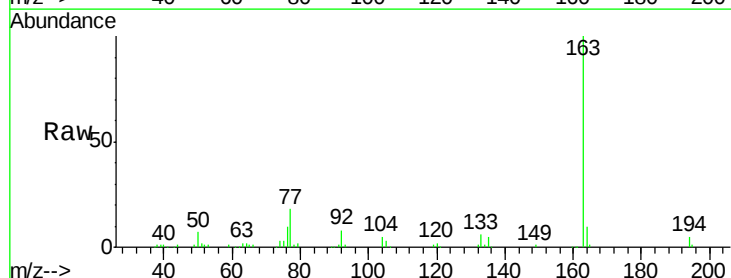
Instrument :
BNA_G
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JTY1-SB-101

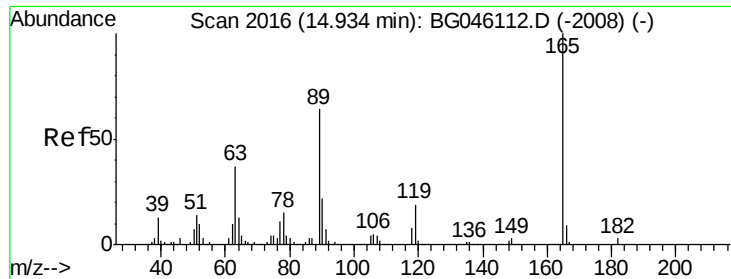
Tot Ion:172 Resp: 1201155
Ion Ratio Lower Upper
172 100
171 38.3 31.7 47.5
170 25.5 20.9 31.3



#50
Dimethylphthalate
Concen: 7.086 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG046159.D
Acq: 3 Aug 2020 21:25

Tgt Ion:163 Resp: 139826
Ion Ratio Lower Upper
163 100
194 5.0 3.5 5.3
164 9.7 8.8 13.2

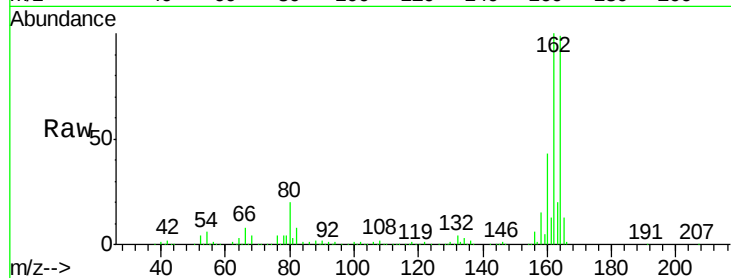




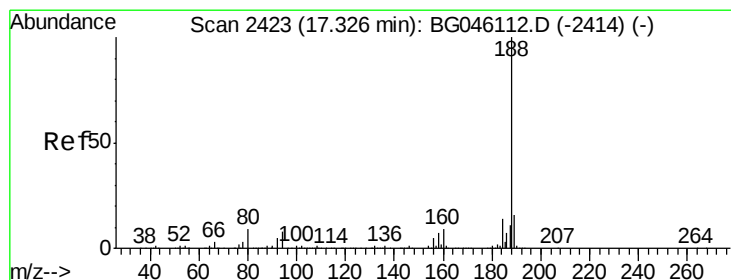
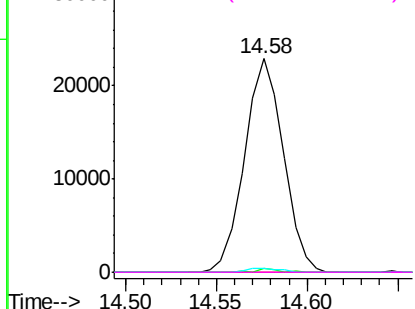
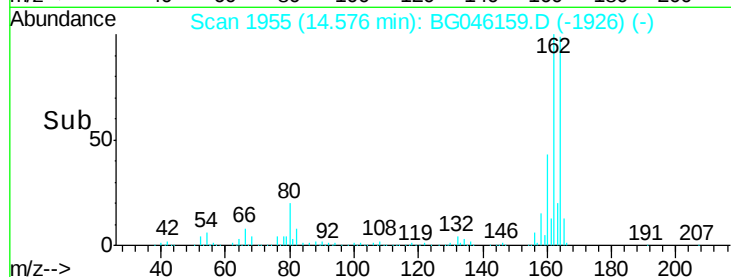
#57
 2,4-Dinitrotoluene
 Concen: 5.387 ng
 RT: 14.58 min Scan# 1955
 Delta R.T. -0.36 min
 Lab File: BG046159.D
 Acq: 3 Aug 2020 21:25

Instrument :
 BNA_G
 ClientSampleId :
 JTY1-SB-101

Tot Ion:165 Resp: 34017
 Ion Ratio Lower Upper
 165 100
 63 1.5 30.1 45.1#
 89 1.7 51.4 77.2#
 182 0.0 2.3 3.5#

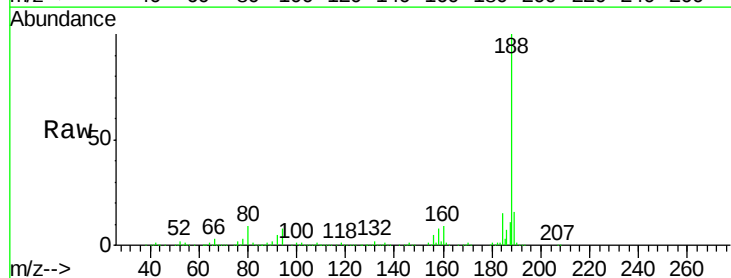


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

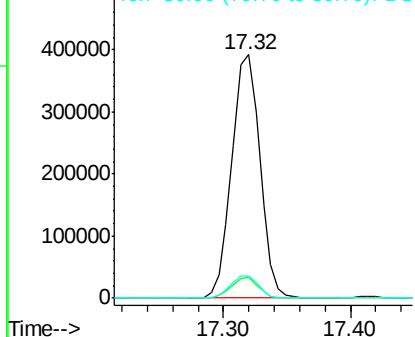
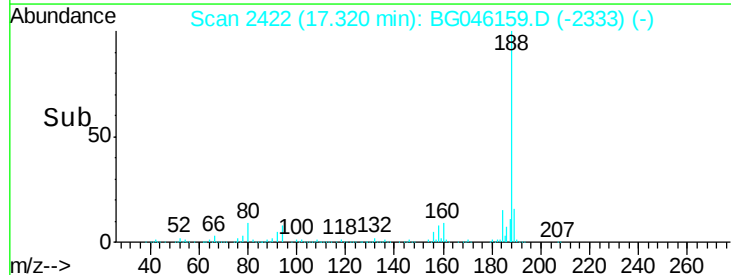


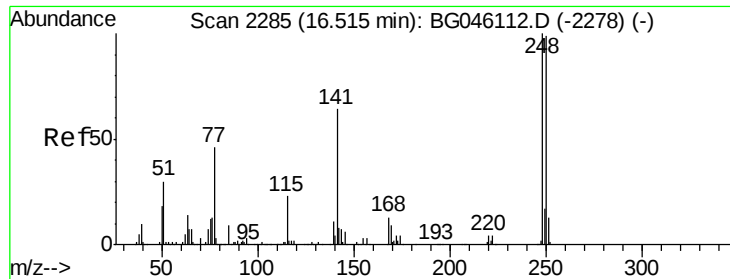
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.32 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG046159.D
 Acq: 3 Aug 2020 21:25

Tgt Ion:188 Resp: 603339
 Ion Ratio Lower Upper
 188 100
 94 8.5 6.4 9.6
 80 9.2 7.4 11.0



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

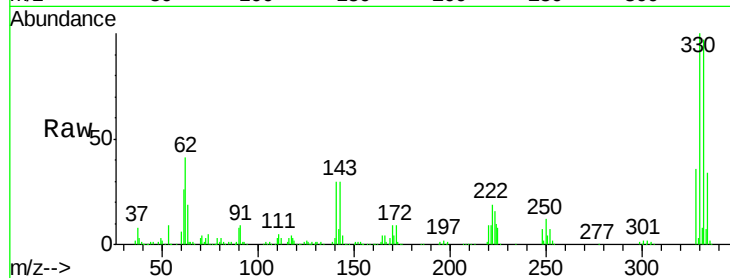




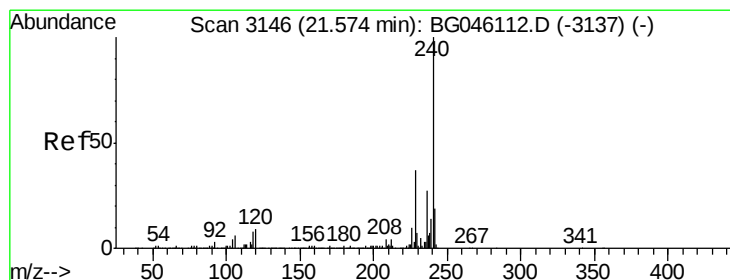
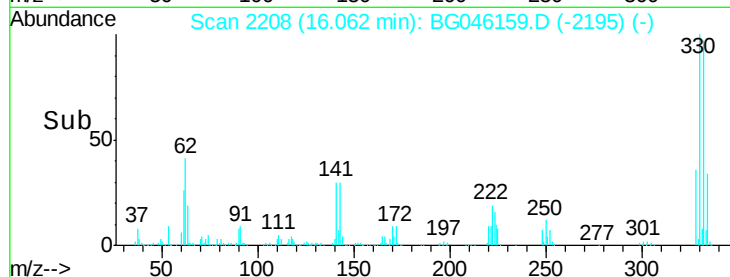
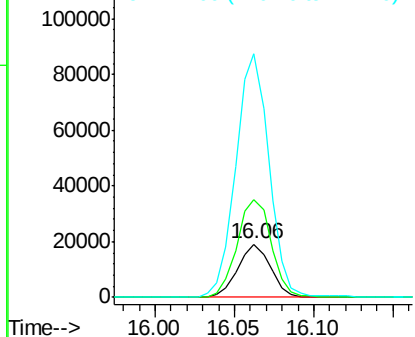
#67
4-Bromophenyl-phenylether
Concen: 3.691 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.45 min
Lab File: BG046159.D
Acq: 3 Aug 2020 21:25

Instrument :
BNA_G
ClientSampleId :
JTY1-SB-101

Tot Ion:248 Resp: 27512
Ion Ratio Lower Upper
248 100
250 183.6 79.4 119.0#
141 455.0 50.9 76.3#

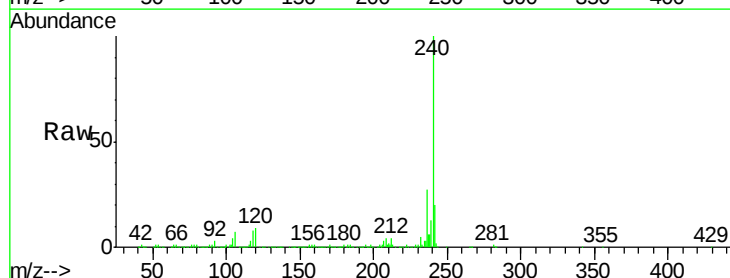


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

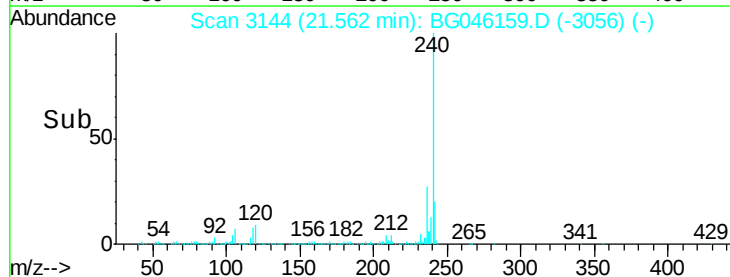
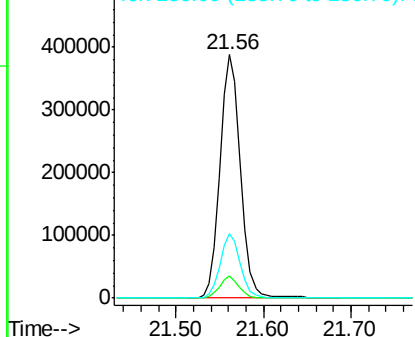


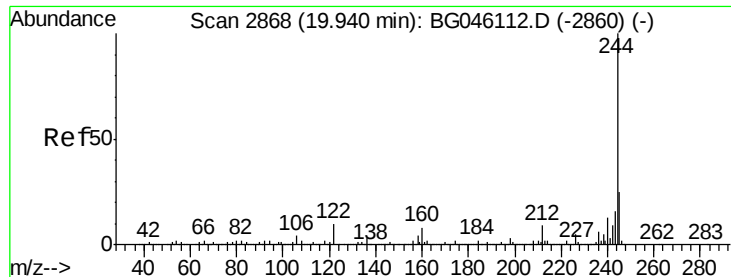
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG046159.D
Acq: 3 Aug 2020 21:25

Tgt Ion:240 Resp: 628465
Ion Ratio Lower Upper
240 100
120 9.1 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: 56.844 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046159.D

Acq: 3 Aug 2020 21:25

Instrument :

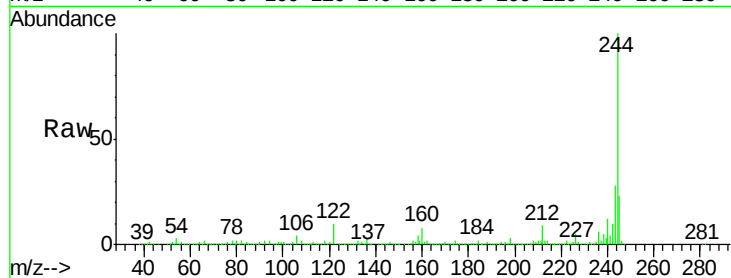
BNA_G

ClientSampleId :

JTY1-SB-101

Tot Ion:244 Resp: 1754095

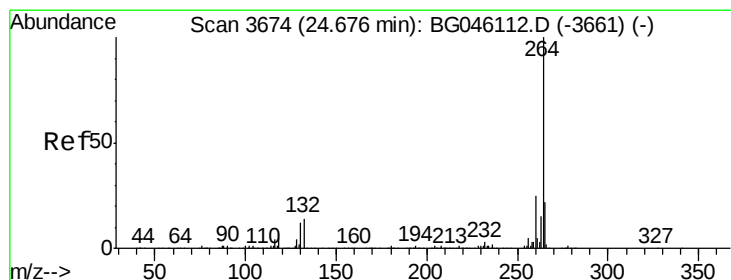
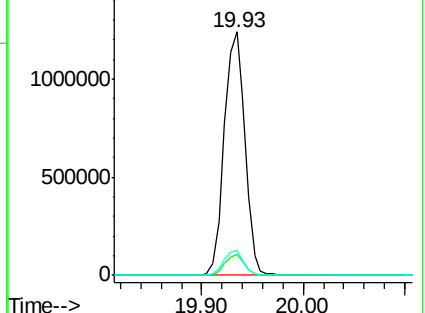
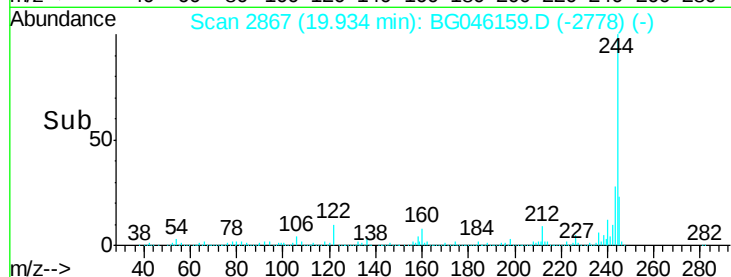
Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.2	10.8
122	10.1	8.3	12.5



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

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3673

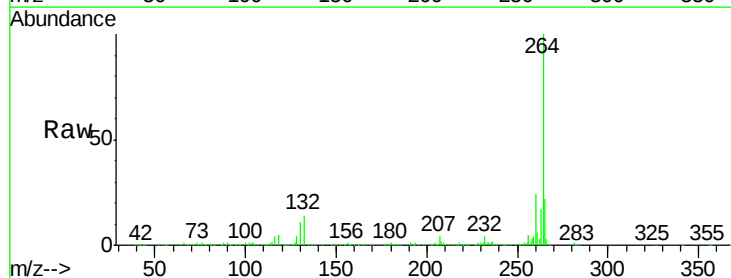
Delta R.T. -0.01 min

Lab File: BG046159.D

Acq: 3 Aug 2020 21:25

Tgt Ion:264 Resp: 653230

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	22.0	17.6	26.4



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

