

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
 Data File : BG046197.D
 Acq On : 7 Aug 2020 17:34
 Operator : CG/JU
 Sample : L3597-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20200446-CORE-2

Quant Time: Aug 07 18:38:47 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

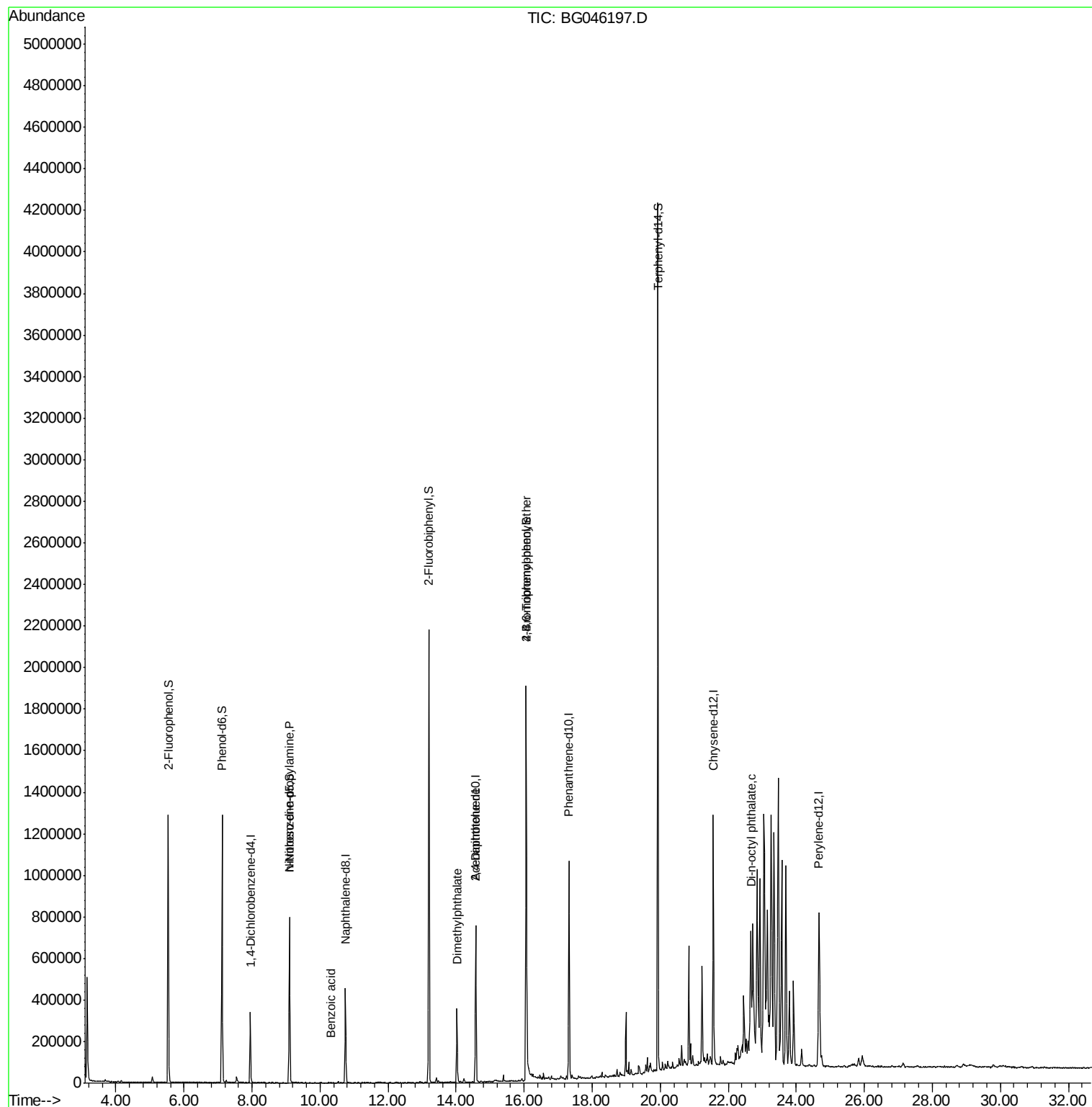
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	108378	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	417036	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	270698	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	665926	20.00	ng	0.00
76) Chrysene-d12	21.56	240	766140	20.00	ng	-0.01
86) Perylene-d12	24.67	264	803223	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	615669	98.75	ng	0.00
7) Phenol-d6	7.12	99	783853	92.25	ng	0.00
23) Nitrobenzene-d5	9.10	82	501748	65.14	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	506103	121.72	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1181057	63.38	ng	0.00
79) Terphenyl-d14	19.93	244	1857160	49.37	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.10	70	62489	11.300	ng	Qvalue # 76
32) Benzoic acid	10.31	122	54	9.420	ng	# 1
50) Dimethylphthalate	14.03	163	259325	12.482	ng	99
57) 2,4-Dinitrotoluene	14.57	165	36614	5.507	ng	# 28
67) 4-Bromophenyl-phenylether	16.06	248	29550	3.592	ng	# 1
85) Di-n-octyl phthalate	22.66	149	367183	8.134	ng	# 65

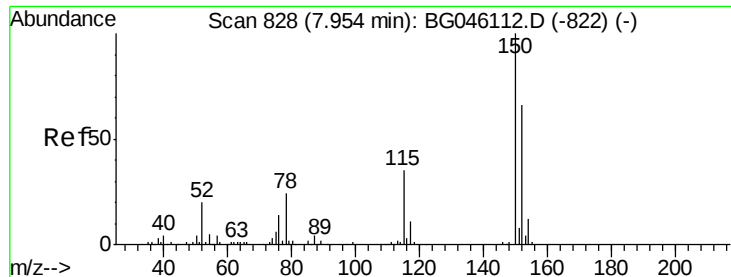
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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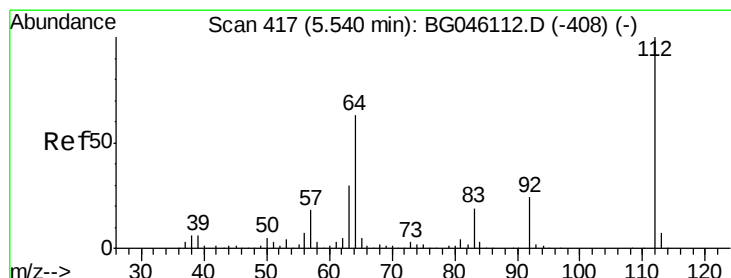
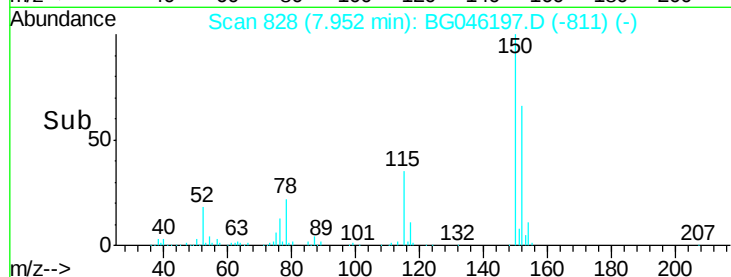
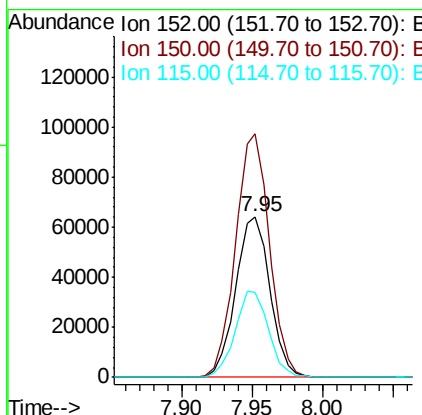
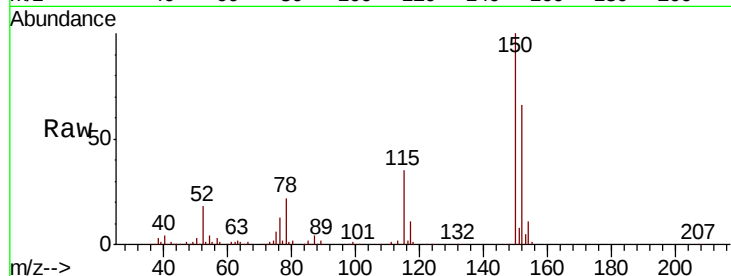


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046197.D
Acq: 7 Aug 2020 17:34

Instrument :
BNA_G
ClientSampleId :
20200446-CORE-2

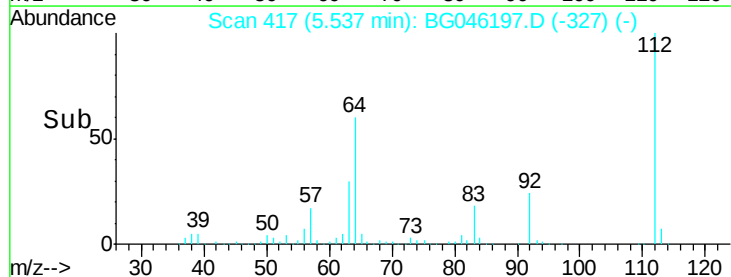
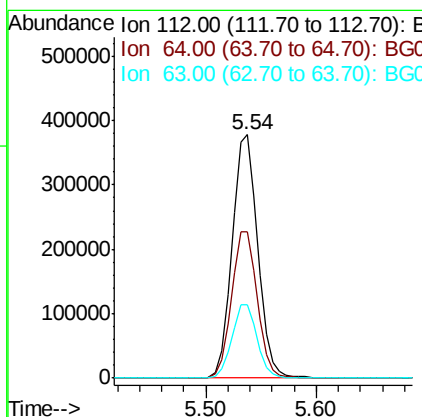
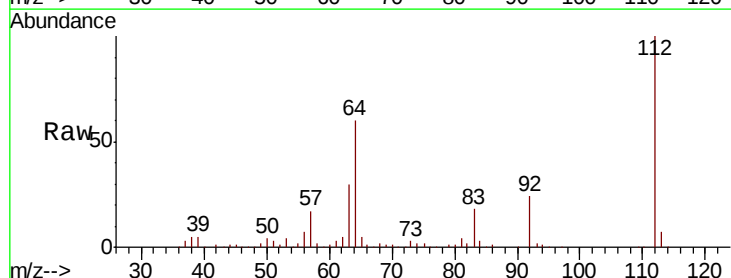
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	122.1	183.1
115	52.5	43.2	64.8

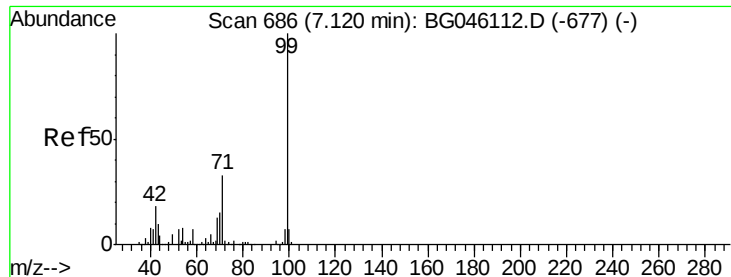


#5

2-Fluorophenol
Concen: 98.753 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG046197.D
Acq: 7 Aug 2020 17:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	50.2	75.2
63	30.2	24.2	36.4





#7

Phenol-d6

Concen: 92.253 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046197.D

Acq: 7 Aug 2020 17:34

Instrument :

BNA_G

ClientSampleId :

20200446-CORE-2

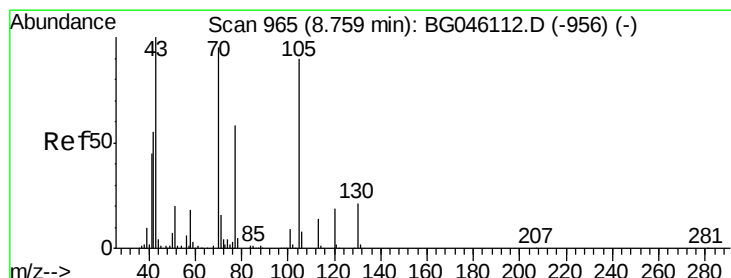
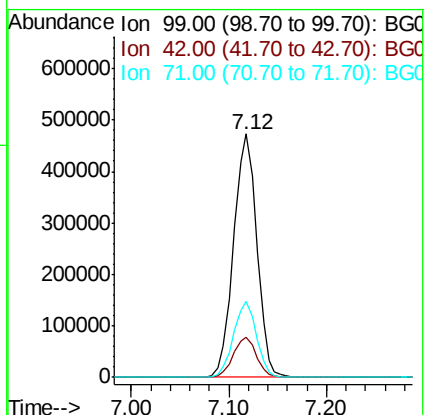
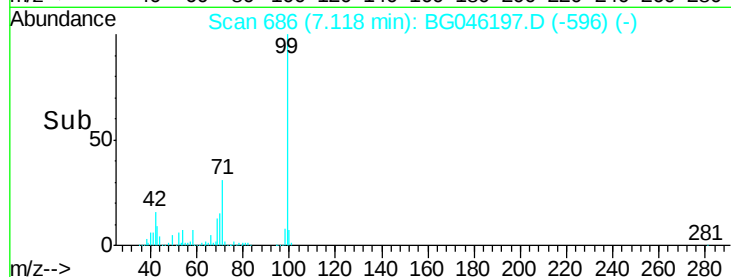
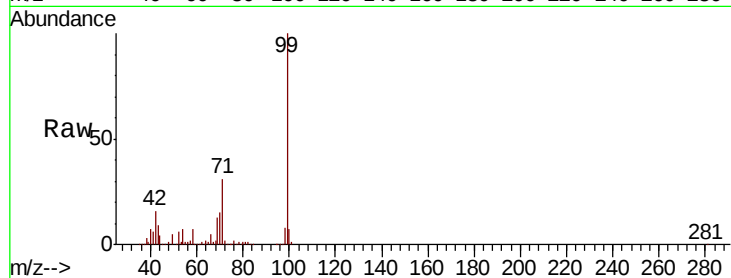
Tot Ion: 99 Resp: 783853

Ion Ratio Lower Upper

99 100

42 16.4 14.7 22.1

71 31.2 26.5 39.7



#19

n-Nitroso-di-n-propylamine

Concen: 11.300 ng

RT: 9.10 min Scan# 1024

Delta R.T. 0.34 min

Lab File: BG046197.D

Acq: 7 Aug 2020 17:34

Tgt Ion: 70 Resp: 62489

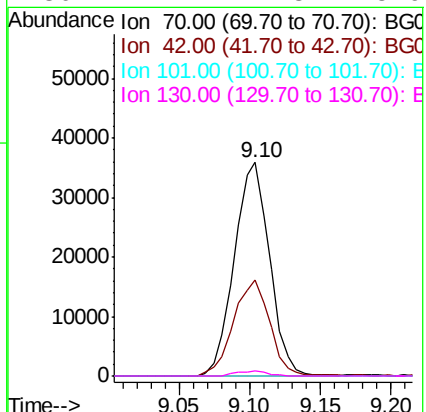
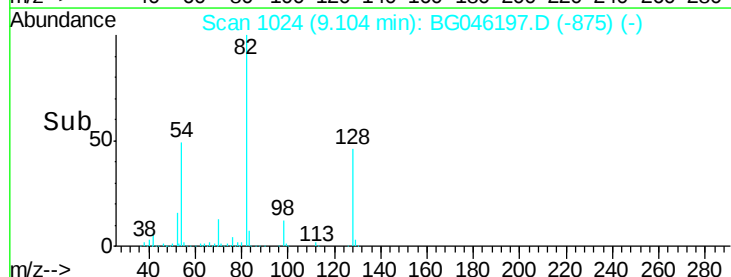
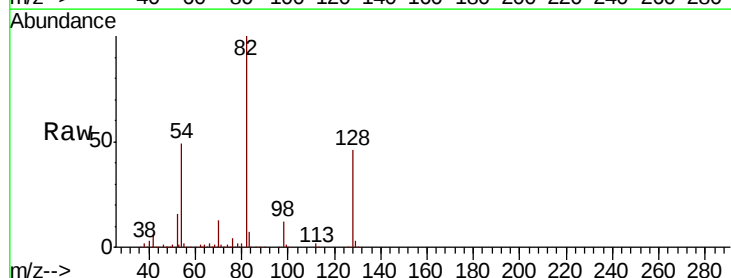
Ion Ratio Lower Upper

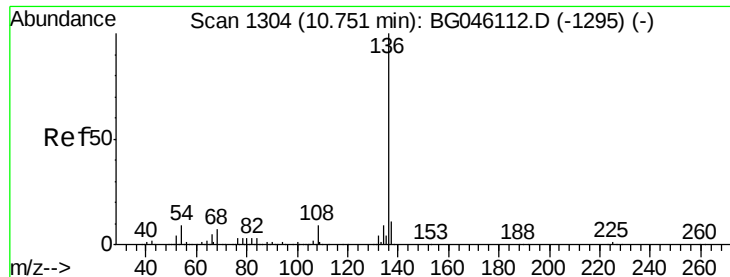
70 100

42 45.0 46.5 69.7#

101 0.0 7.6 11.4#

130 2.2 17.3 25.9#

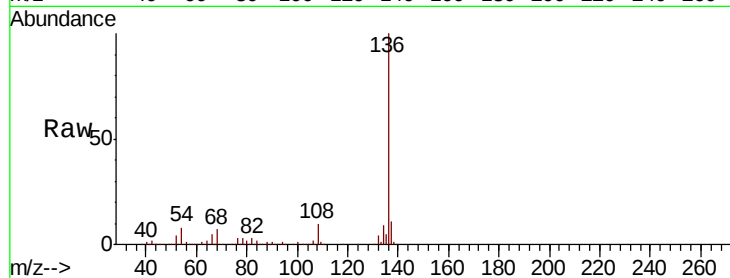




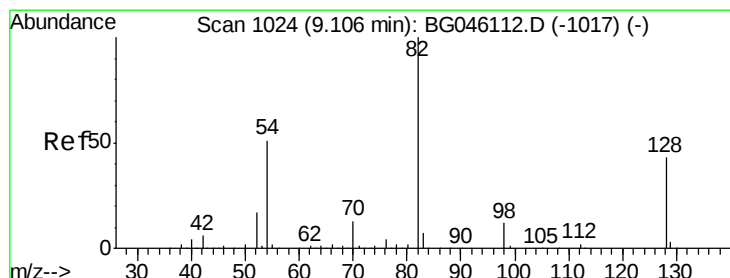
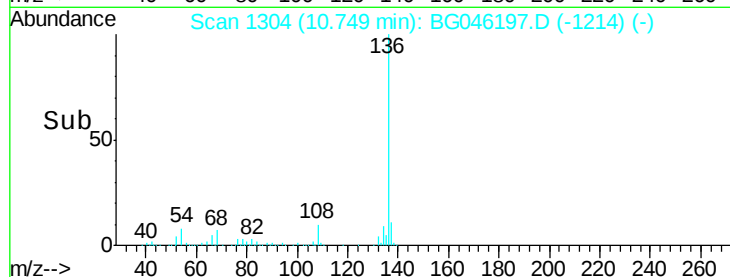
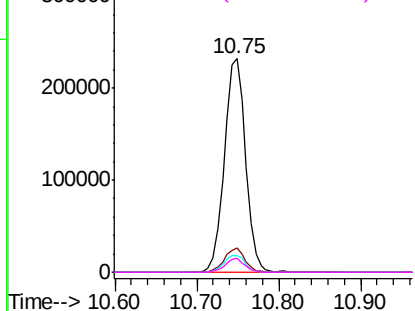
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG046197.D
Acq: 7 Aug 2020 17:34

Instrument :
BNA_G
ClientSampleId :
20200446-CORE-2

Tot Ion:136	Resp:	417036	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	8.8	13.2	
54 7.8	7.0	10.4	
68 6.6	5.3	7.9	

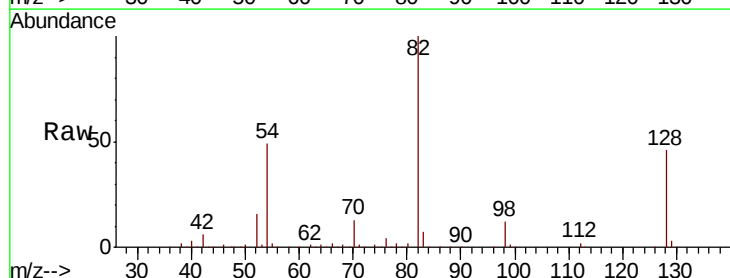


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

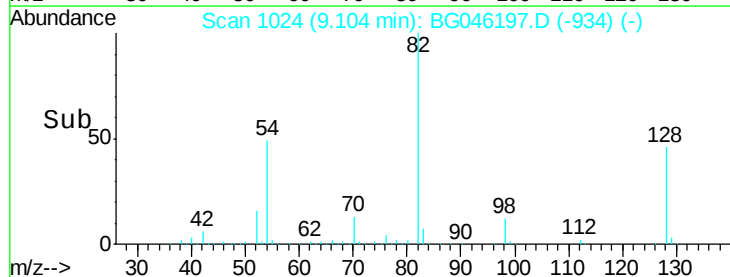
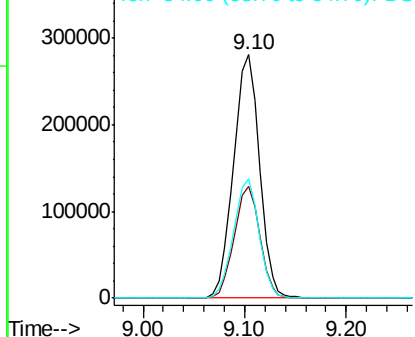


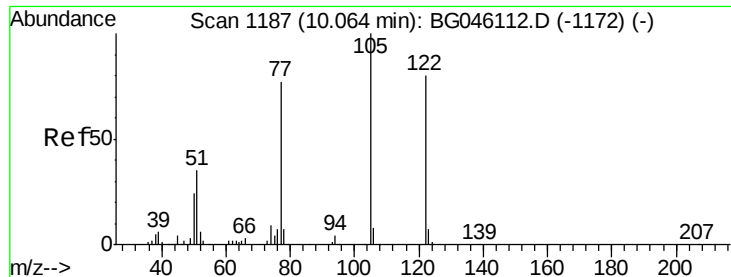
#23
Nitrobenzene-d5
Concen: 65.141 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046197.D
Acq: 7 Aug 2020 17:34

Tgt Ion: 82	Resp: 501748
Ion Ratio	Lower Upper
82 100	
128 46.1	34.4 51.6
54 49.1	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

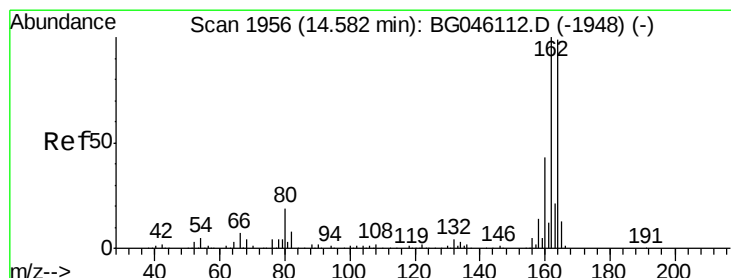
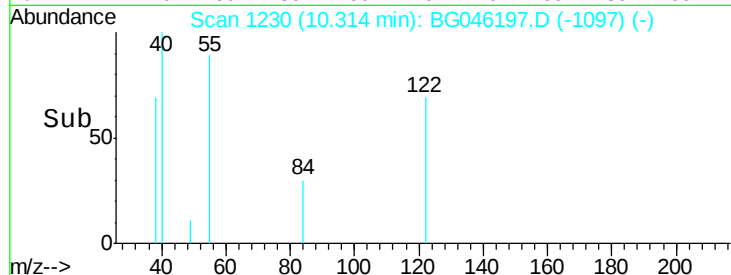
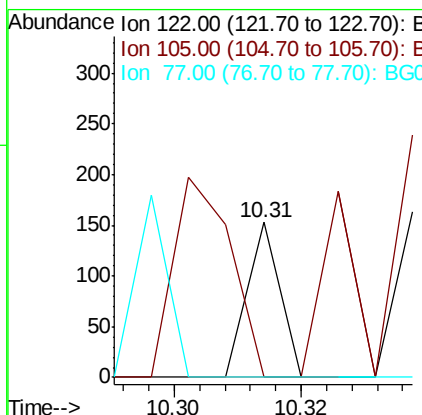
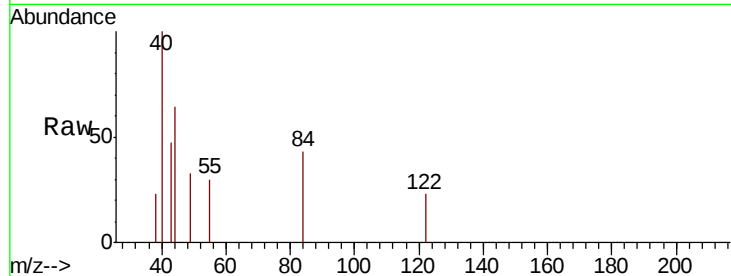




#32
Benzoic acid
Concen: 9.420 ng
RT: 10.31 min Scan# 1230
Delta R.T. 0.25 min
Lab File: BG046197.D
Acq: 7 Aug 2020 17:34

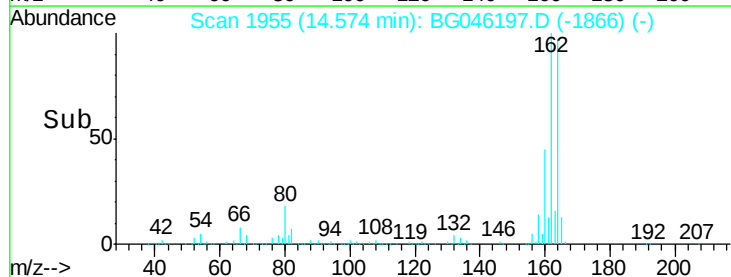
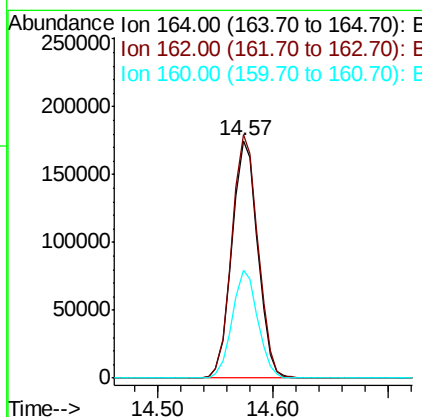
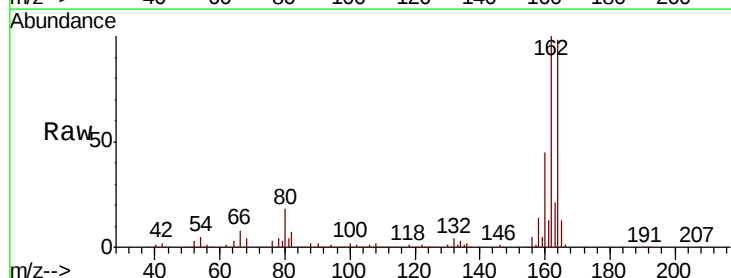
Instrument :
BNA_G
ClientSampleId :
20200446-CORE-2

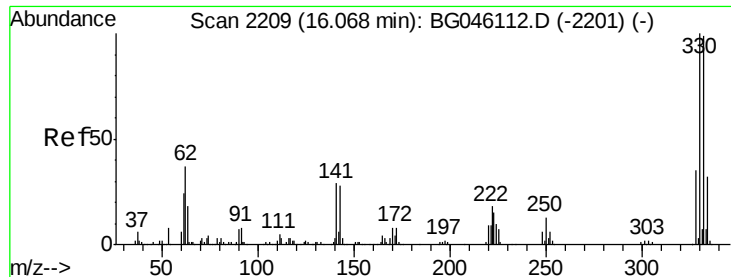
Tot Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 0.0 103.0 143.0#
77 0.0 75.2 115.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG046197.D
Acq: 7 Aug 2020 17:34

Tgt Ion:164 Resp: 270698
Ion Ratio Lower Upper
164 100
162 102.6 80.6 121.0
160 45.7 34.9 52.3

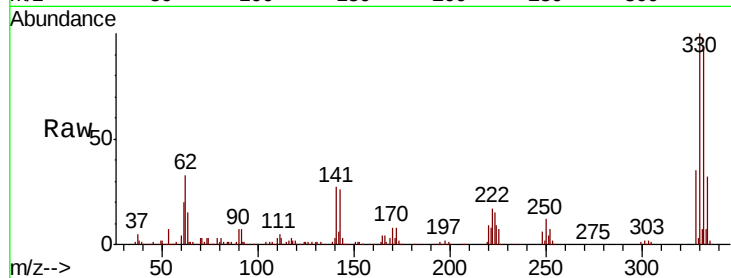




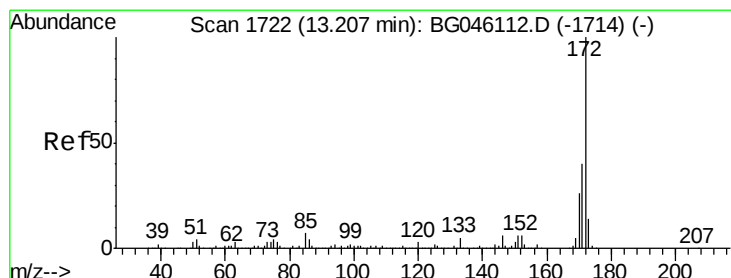
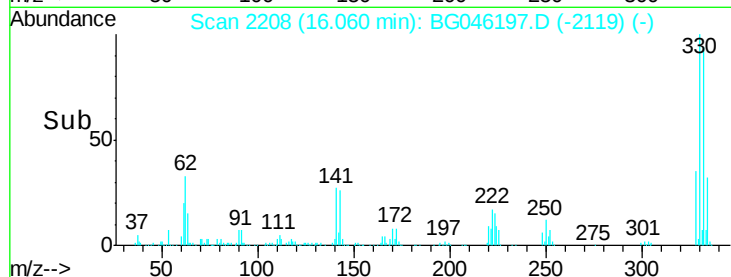
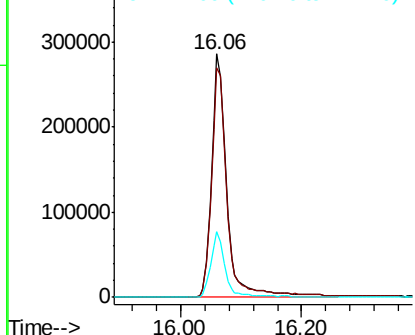
#42
 2,4,6-Tribromophenol
 Concen: 121.722 ng
 RT: 16.06 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG046197.D
 Acq: 7 Aug 2020 17:34

Instrument :
 BNA_G
 ClientSampleId :
 20200446-CORE-2

Tot Ion:330 Resp: 506103
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.4 116.2
 141 25.8 23.4 35.0

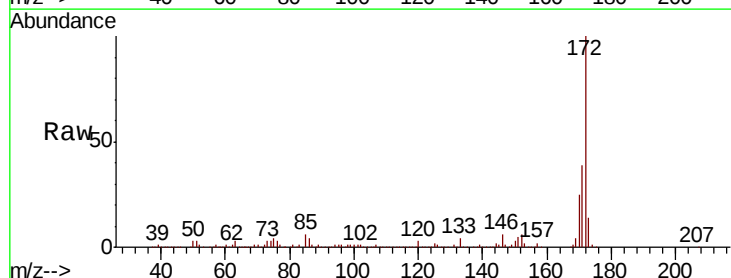


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

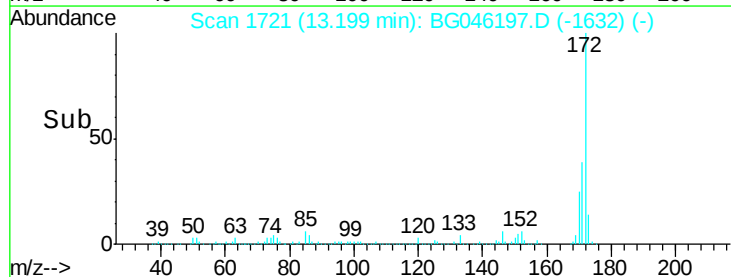
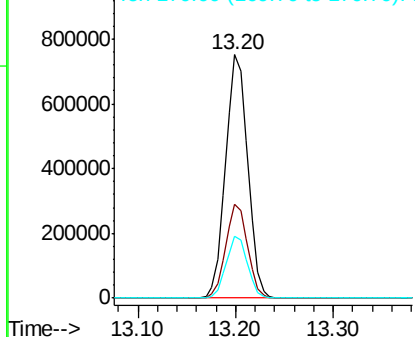


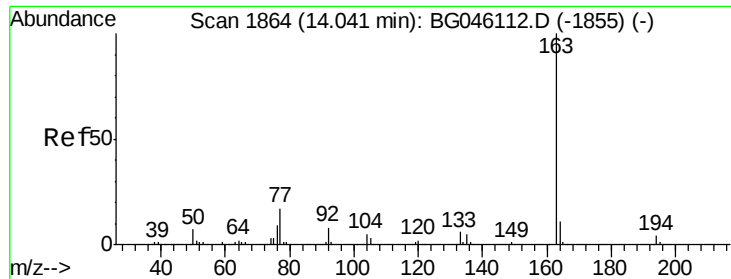
#45
 2-Fluorobiphenyl
 Concen: 63.378 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG046197.D
 Acq: 7 Aug 2020 17:34

Tgt Ion:172 Resp: 1181057
 Ion Ratio Lower Upper
 172 100
 171 38.7 31.7 47.5
 170 25.2 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: 12.482 ng

RT: 14.03 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BG046197.D

Acq: 7 Aug 2020 17:34

Instrument :

BNA_G

ClientSampleId :

20200446-CORE-2

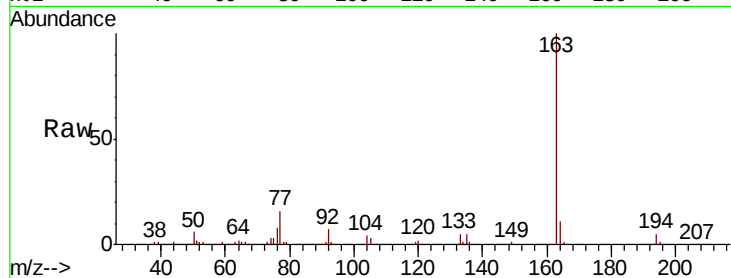
Tot Ion:163 Resp: 259325

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

164 10.8 8.8 13.2

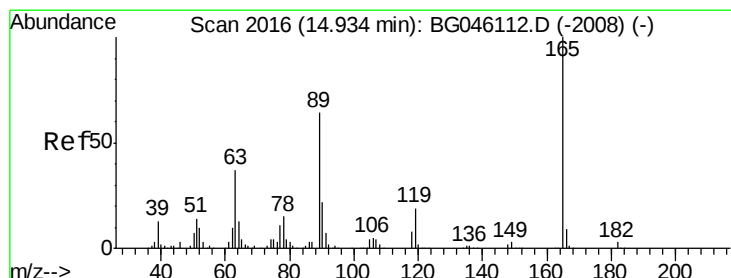
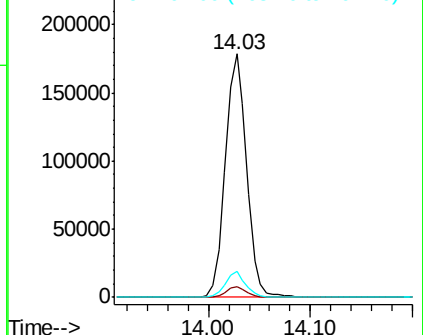
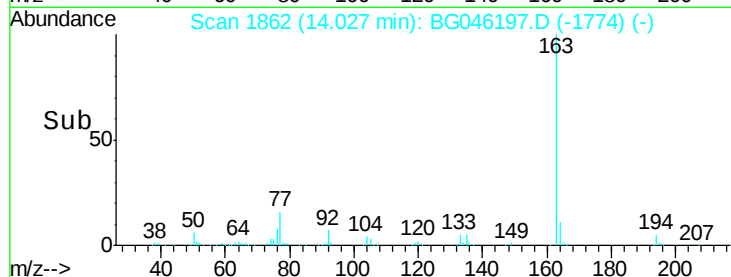


Abundance

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



#57

2,4-Dinitrotoluene

Concen: 5.507 ng

RT: 14.57 min Scan# 1955

Delta R.T. -0.36 min

Lab File: BG046197.D

Acq: 7 Aug 2020 17:34

Tgt Ion:165 Resp: 36614

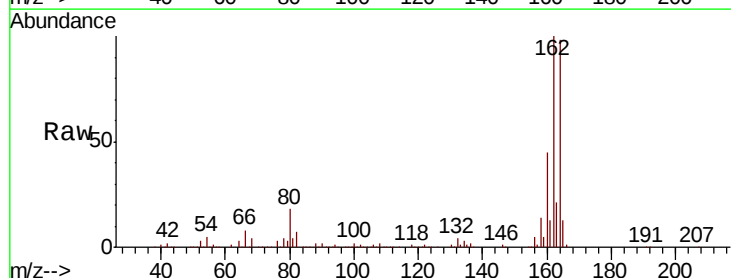
Ion Ratio Lower Upper

165 100

63 0.0 30.1 45.1#

89 1.5 51.4 77.2#

182 0.0 2.3 3.5#



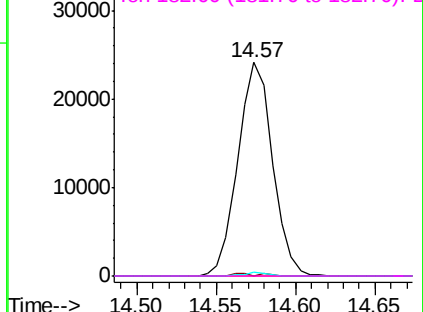
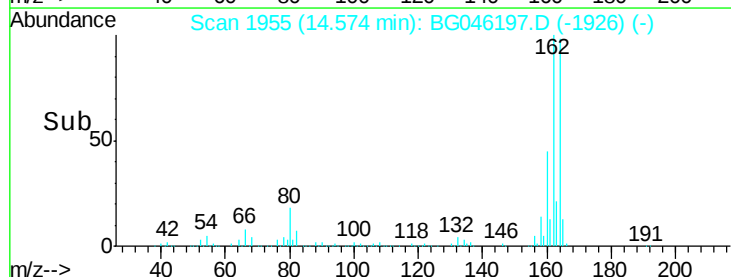
Abundance

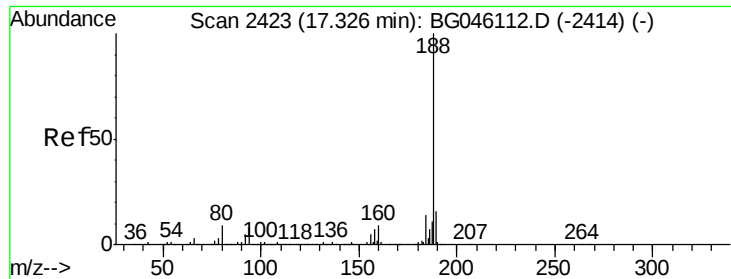
Ion 165.00 (164.70 to 165.70): E

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

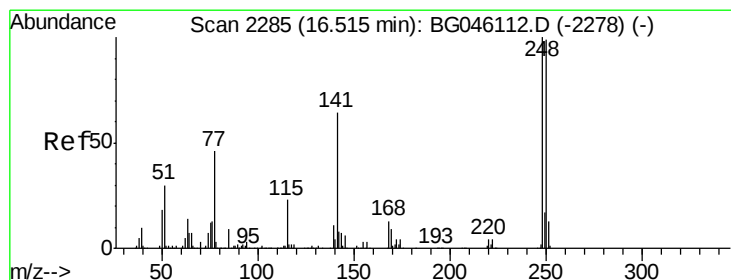
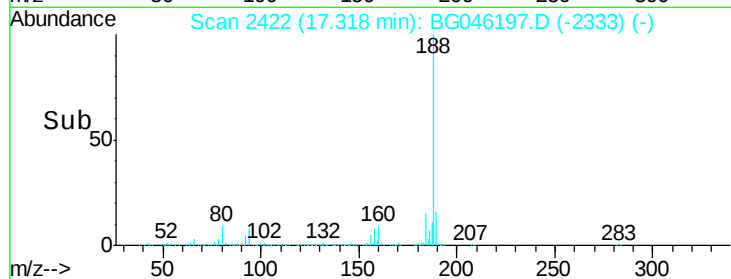
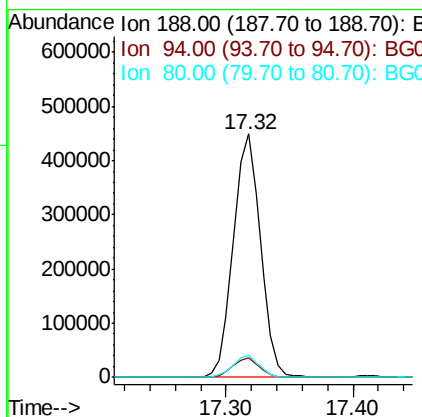
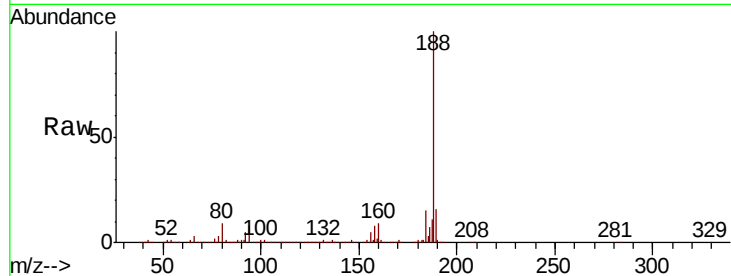




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG046197.D
Acq: 7 Aug 2020 17:34

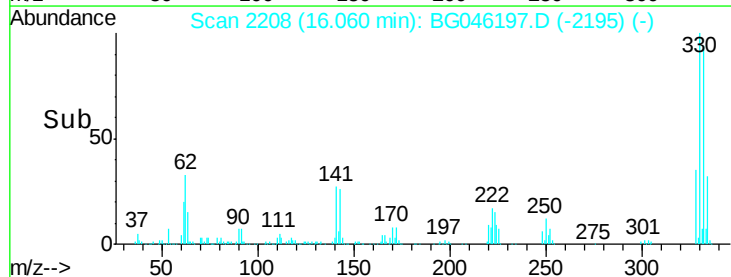
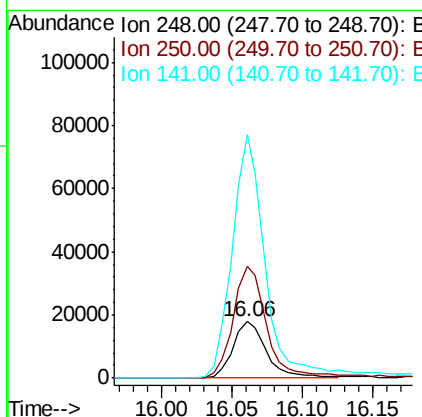
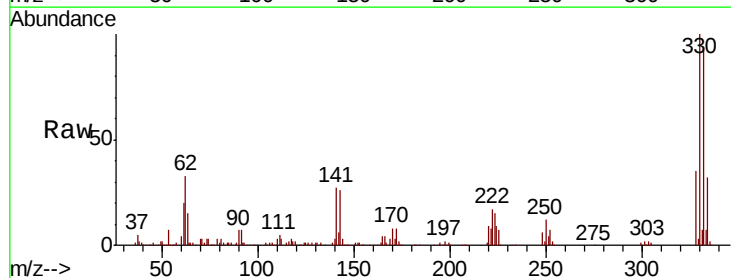
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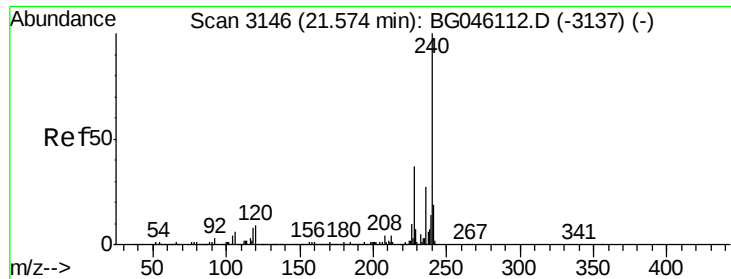
Tot Ion:188 Resp: 665926
Ion Ratio Lower Upper
188 100
94 7.8 6.4 9.6
80 8.9 7.4 11.0



#67
4-Bromophenyl-phenylether
Concen: 3.592 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.45 min
Lab File: BG046197.D
Acq: 7 Aug 2020 17:34

Tgt Ion:248 Resp: 29550
Ion Ratio Lower Upper
248 100
250 198.7 79.4 119.0#
141 431.1 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: BG046197.D

Acq: 7 Aug 2020 17:34

Instrument :

BNA_G

ClientSampleId :

20200446-CORE-2

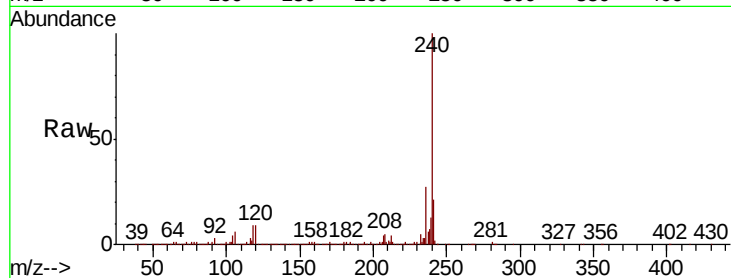
Tot Ion:240 Resp: 766140

Ion Ratio Lower Upper

240 100

120 9.2 7.1 10.7

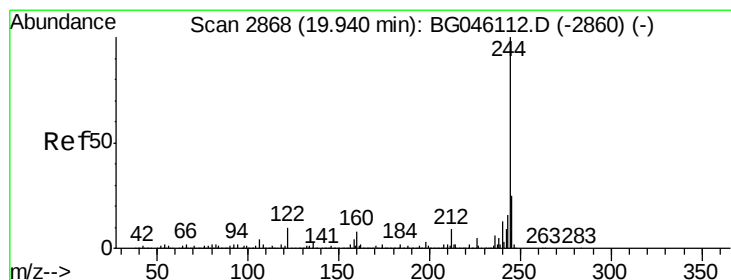
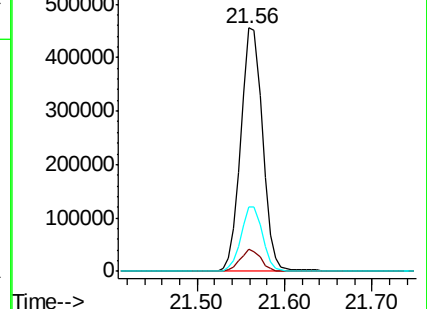
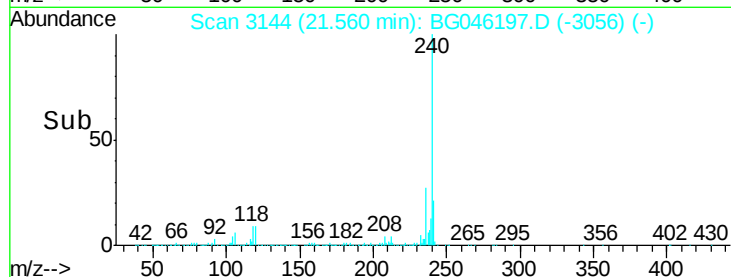
236 26.5 21.7 32.5



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: 49.369 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046197.D

Acq: 7 Aug 2020 17:34

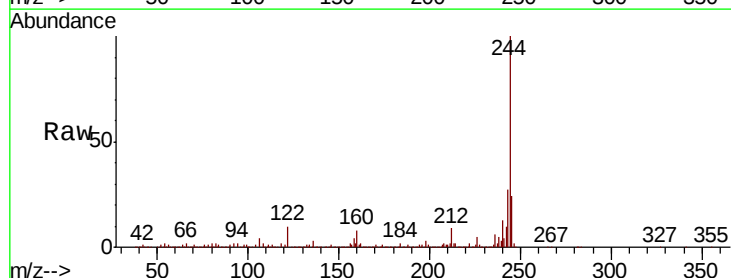
Tgt Ion:244 Resp: 1857160

Ion Ratio Lower Upper

244 100

212 8.8 7.2 10.8

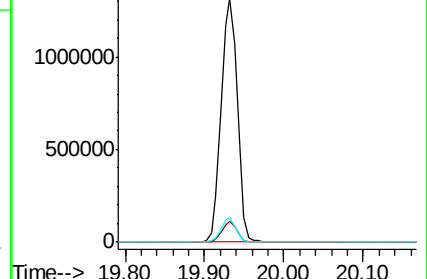
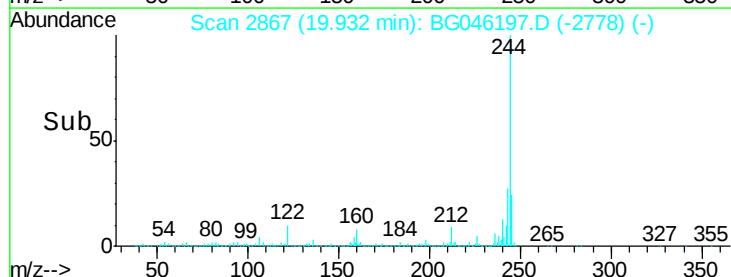
122 10.0 8.3 12.5

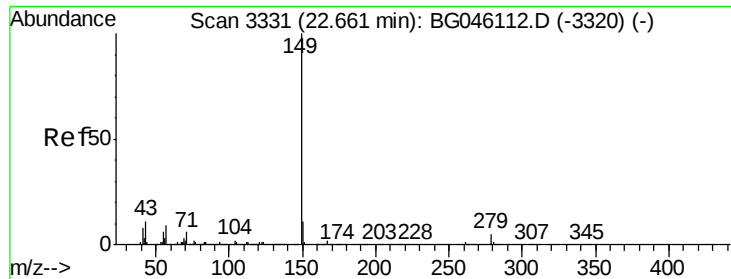


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#85

Di-n-octyl phthalate

Concen: 8.134 ng

RT: 22.66 min Scan# 3332

Delta R.T. 0.00 min

Lab File: BG046197.D

Acq: 7 Aug 2020 17:34

Instrument :

BNA_G

ClientSampleId :

20200446-CORE-2

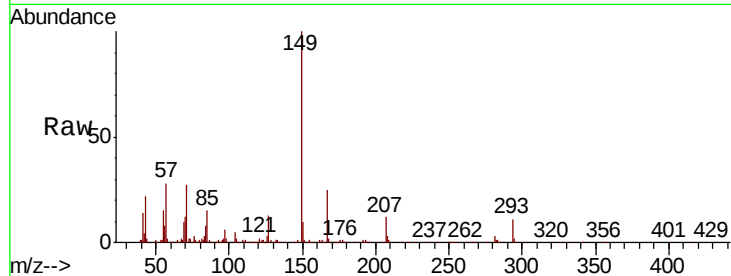
Tot Ion:149 Resp: 367183

Ion Ratio Lower Upper

149 100

167 22.5 1.4 2.2#

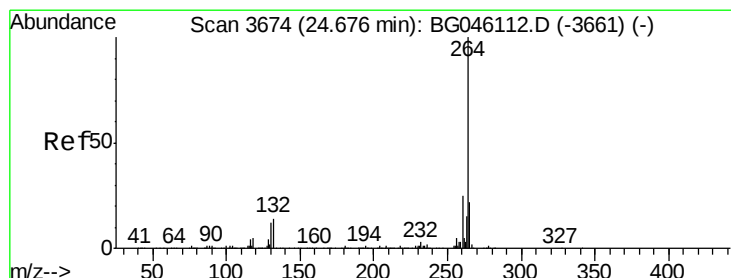
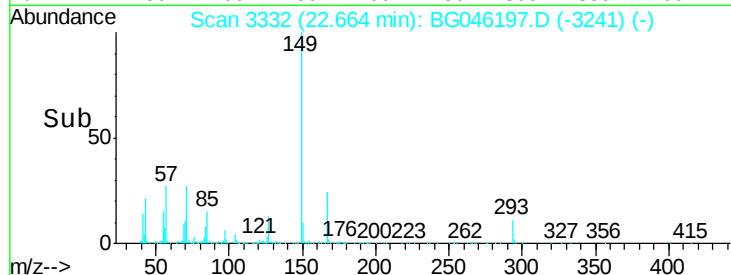
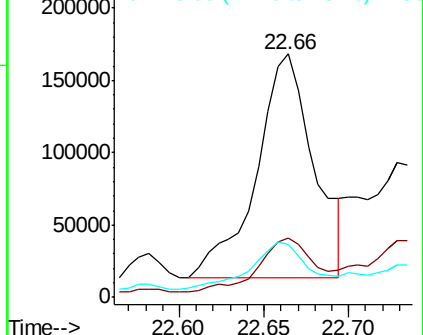
43 21.3 7.8 11.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3674

Delta R.T. -0.00 min

Lab File: BG046197.D

Acq: 7 Aug 2020 17:34

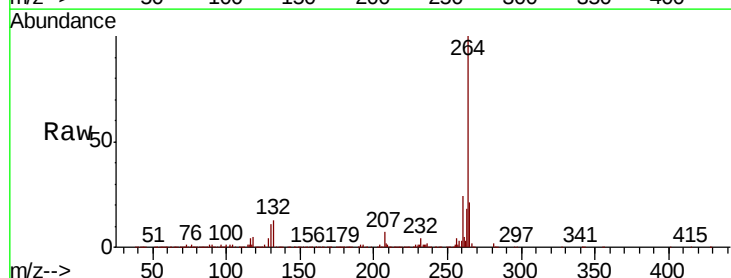
Tgt Ion:264 Resp: 803223

Ion Ratio Lower Upper

264 100

260 24.5 19.7 29.5

265 21.4 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

