

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046119.D
 Acq On : 31 Jul 2020 9:48
 Operator : CG/JU
 Sample : PB130544BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130544BL

Quant Time: Jul 31 11:16:56 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

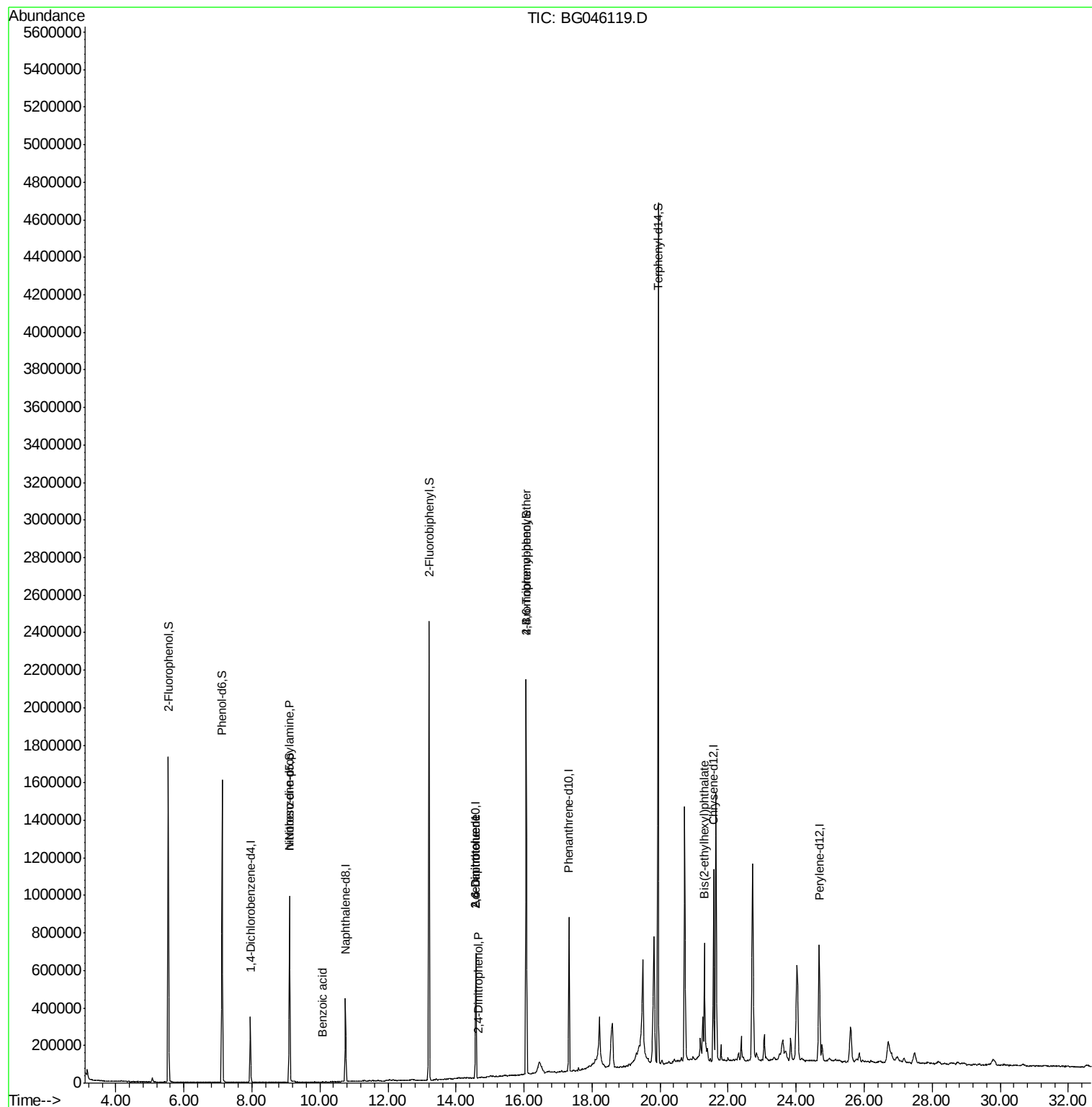
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	106212	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	393837	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	232903	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	518777	20.00	ng	0.00
76) Chrysene-d12	21.57	240	624525	20.00	ng	0.00
86) Perylene-d12	24.68	264	645282	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	760444	124.46	ng	0.00
7) Phenol-d6	7.12	99	947591	113.80	ng	0.00
23) Nitrobenzene-d5	9.11	82	606657	83.40	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	441169	123.32	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1317018	82.14	ng	0.00
79) Terphenyl-d14	19.94	244	1936749	63.16	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.11	70	81523	15.043	ng	# 80
32) Benzoic acid	10.09	122	69	9.423	ng	# 1
51) 2,6-Dinitrotoluene	14.58	165	31498	7.571	ng	# 30
54) 2,4-Dinitrophenol	14.67	184	217	7.142	ng	# 28
57) 2,4-Dinitrotoluene	14.58	165	31498	5.507	ng	# 30
67) 4-Bromophenyl-phenylether	16.06	248	28027	4.373	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.30	149	312995	14.403	ng	# 50

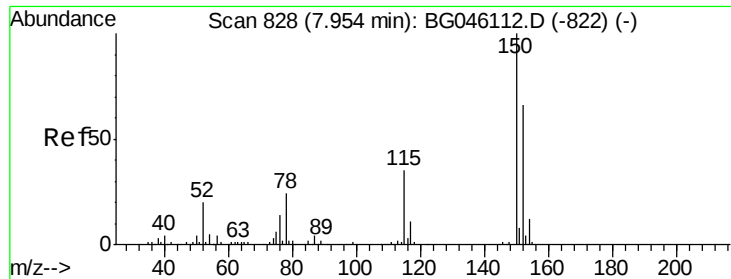
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
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Quant Time: Jul 31 11:16:56 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



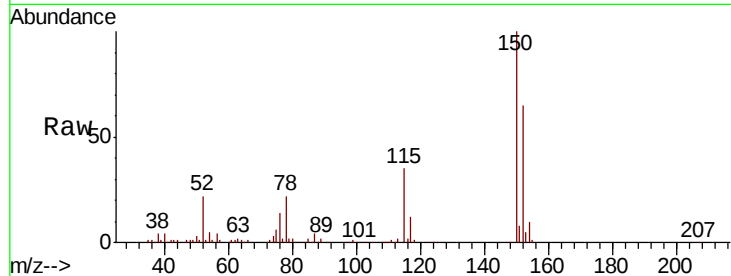


#1

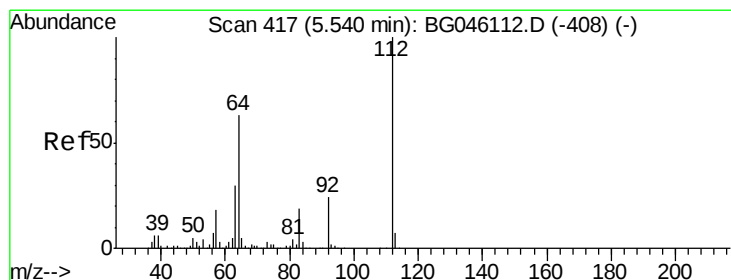
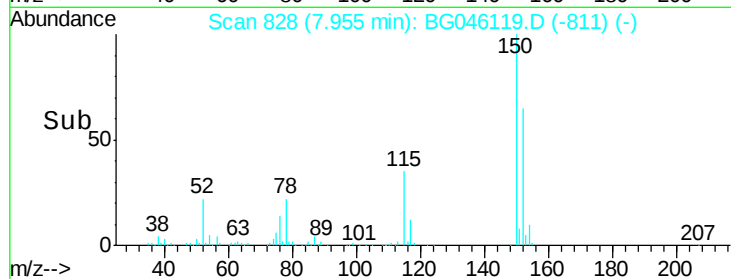
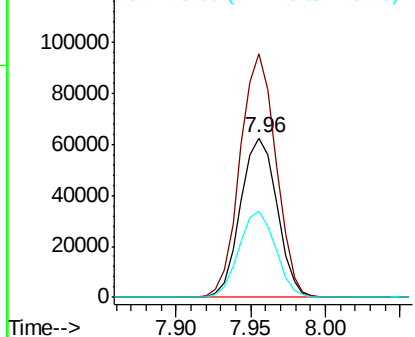
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG046119.D
Acq: 31 Jul 2020 9:48

Instrument :
BNA_G
ClientSampleId :
PB130544BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	122.1	183.1
115	53.9	43.2	64.8



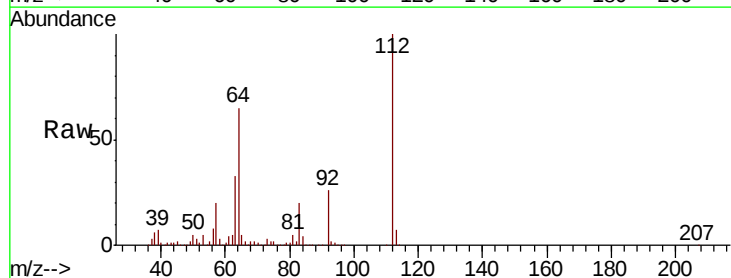
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



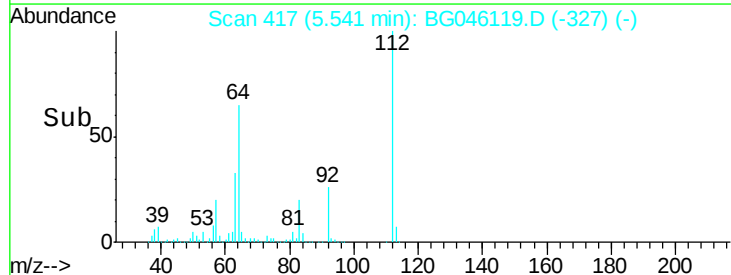
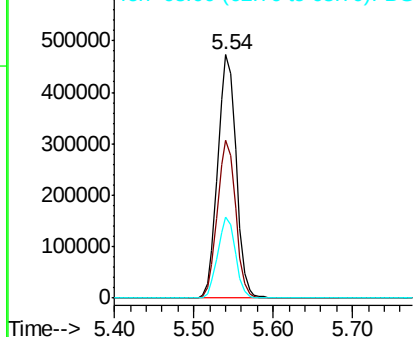
#5

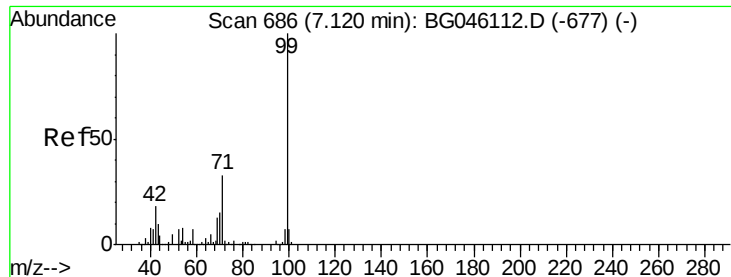
2-Fluorophenol
Concen: 124.462 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG046119.D
Acq: 31 Jul 2020 9:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	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): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 113.799 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG046119.D

Acq: 31 Jul 2020 9:48

Instrument :

BNA_G

ClientSampleId :

PB130544BL

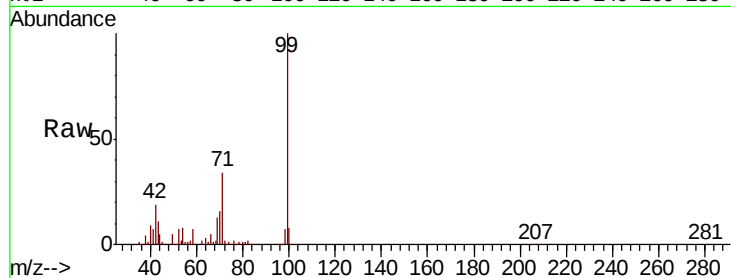
Tot Ion: 99 Resp: 947591

Ion Ratio Lower Upper

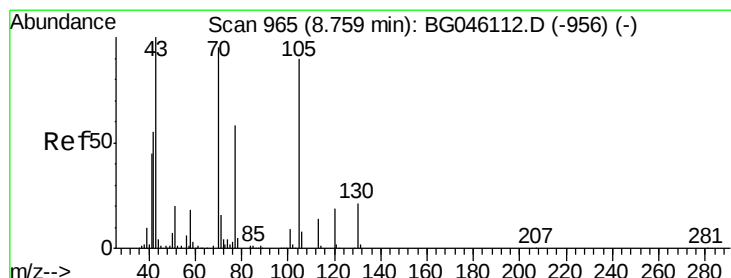
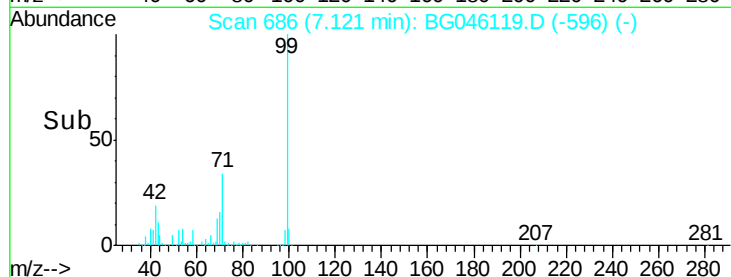
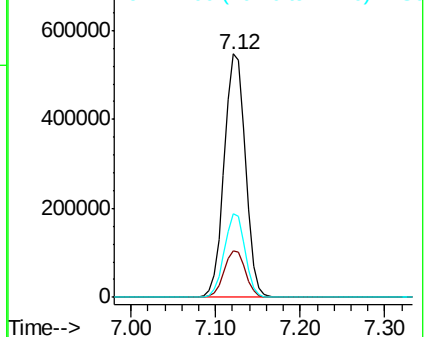
99 100

42 19.3 14.7 22.1

71 34.5 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: 15.043 ng

RT: 9.11 min Scan# 1024

Delta R.T. 0.35 min

Lab File: BG046119.D

Acq: 31 Jul 2020 9:48

Tgt Ion: 70 Resp: 81523

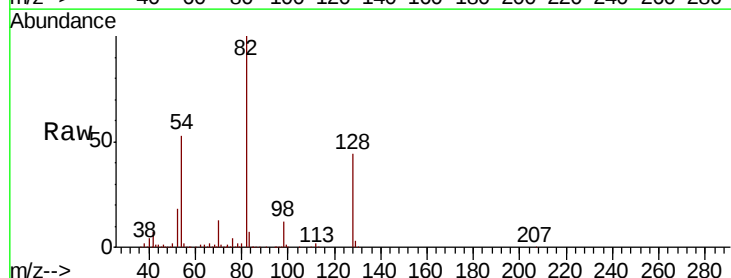
Ion Ratio Lower Upper

70 100

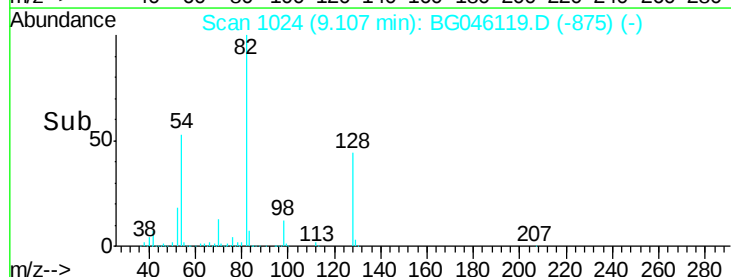
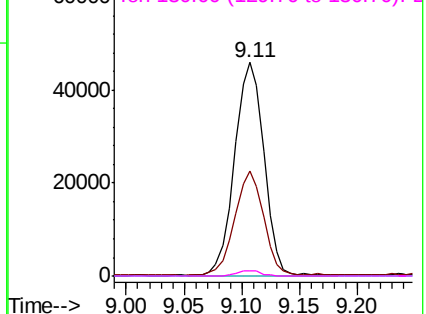
42 49.3 46.5 69.7

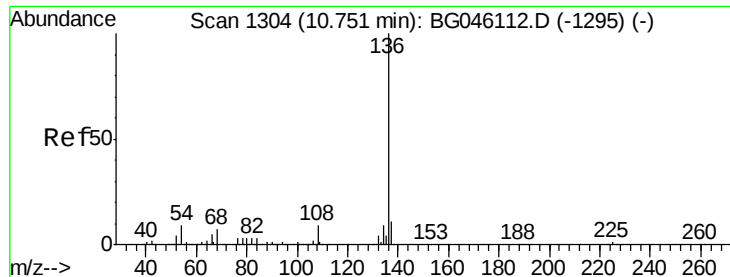
101 0.0 7.6 11.4#

130 2.3 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

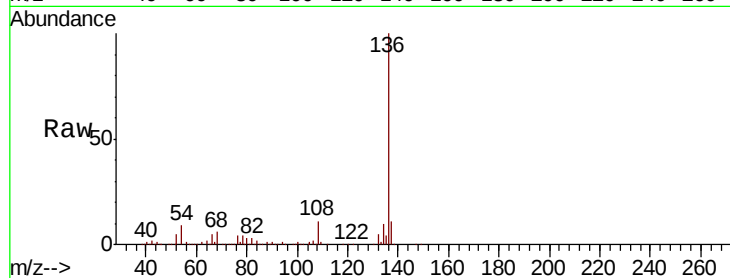




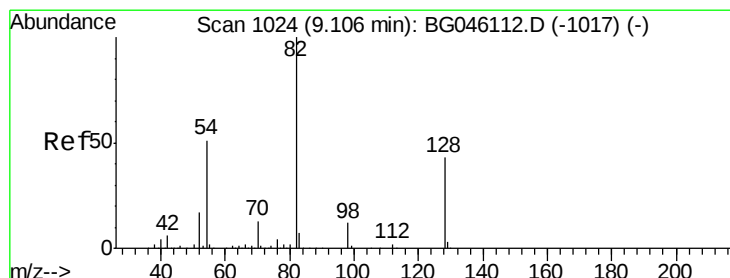
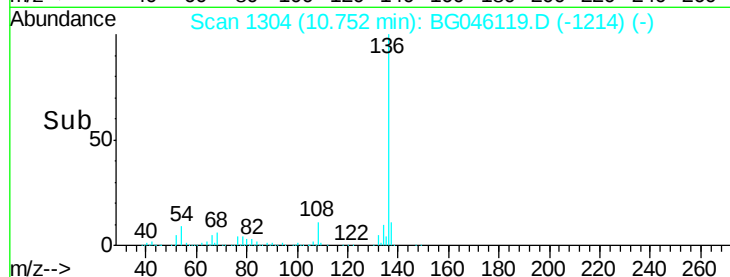
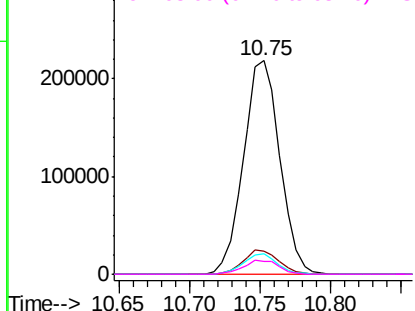
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BG046119.D
Acq: 31 Jul 2020 9:48

Instrument :
BNA_G
ClientSampleId :
PB130544BL

Tot Ion:136	Resp:	393837	
Ion Ratio	Lower	Upper	
136 100			
137 10.6	8.8	13.2	
54 9.4	7.0	10.4	
68 6.1	5.3	7.9	

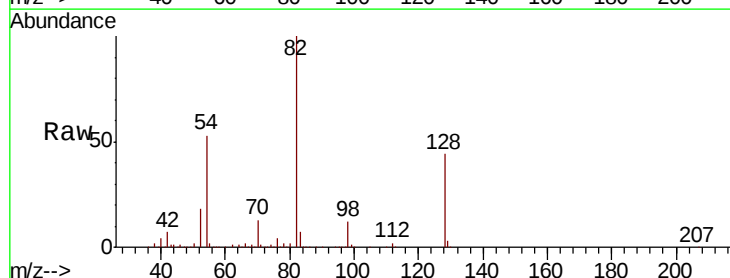


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

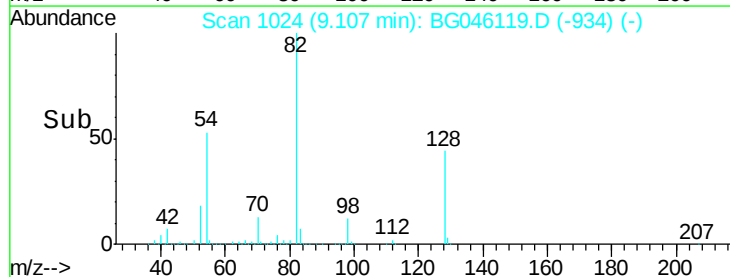
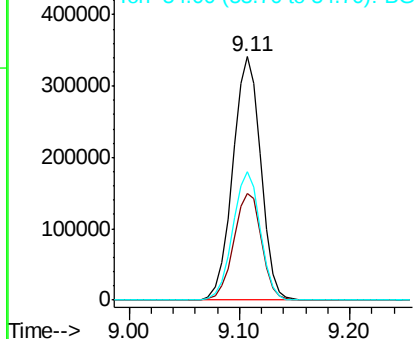


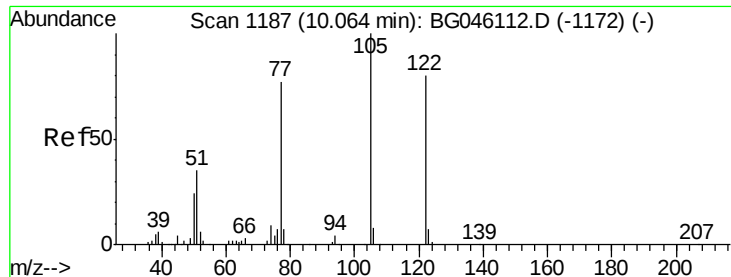
#23
Nitrobenzene-d5
Concen: 83.400 ng
RT: 9.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BG046119.D
Acq: 31 Jul 2020 9:48

Tgt Ion: 82	Resp: 606657
Ion Ratio	Lower Upper
82 100	
128 44.0	34.4 51.6
54 52.9	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





#32

Benzoic acid

Concen: 9.423 ng

RT: 10.09 min Scan# 1192

Delta R.T. 0.03 min

Lab File: BG046119.D

Acq: 31 Jul 2020 9:48

Instrument :

BNA_G

ClientSampleID :

PB130544BL

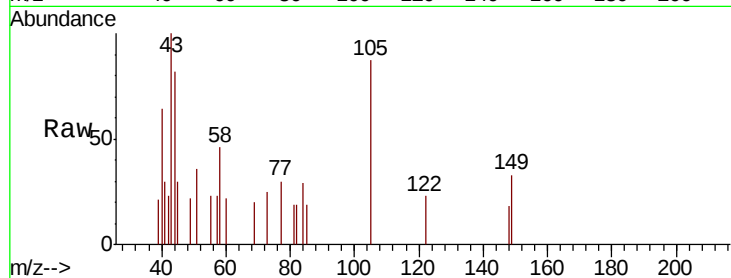
Tot Ion:122 Resp: 69

Ion Ratio Lower Upper

122 100

105 373.0 103.0 143.0#

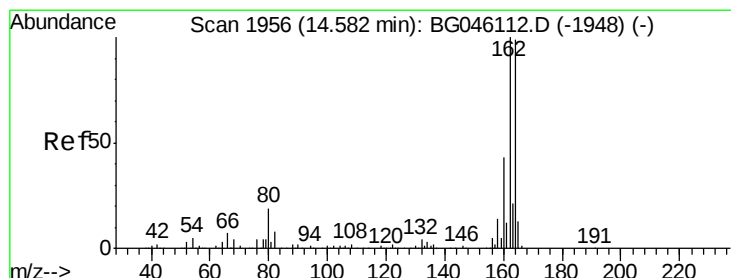
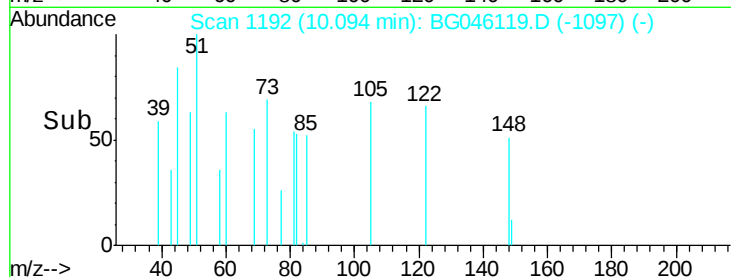
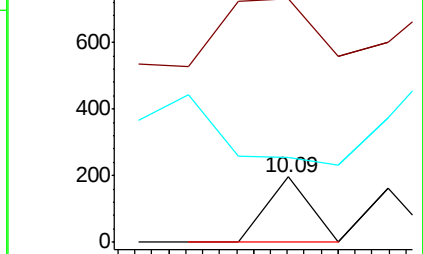
77 129.6 75.2 115.2#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1956

Delta R.T. 0.00 min

Lab File: BG046119.D

Acq: 31 Jul 2020 9:48

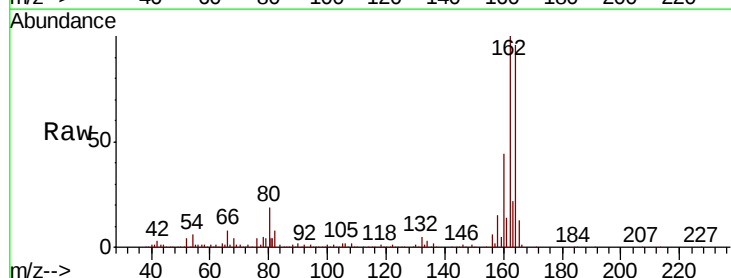
Tgt Ion:164 Resp: 232903

Ion Ratio Lower Upper

164 100

162 104.4 80.6 121.0

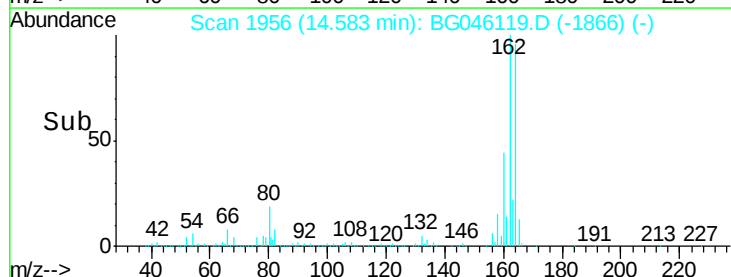
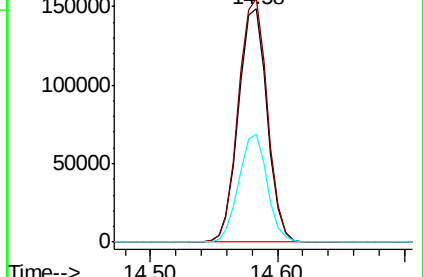
160 46.2 34.9 52.3

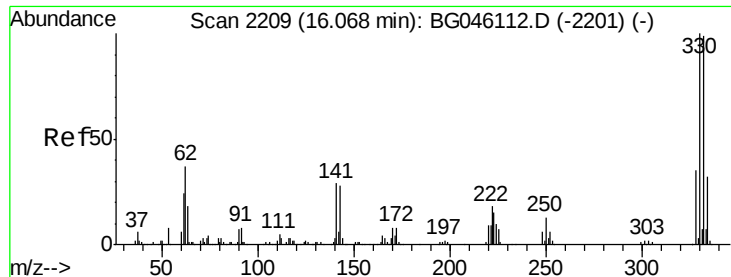


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 123.323 ng

RT: 16.07 min Scan# 2209

Delta R.T. 0.00 min

Lab File: BG046119.D

Acq: 31 Jul 2020 9:48

Instrument :

BNA_G

ClientSampleId :

PB130544BL

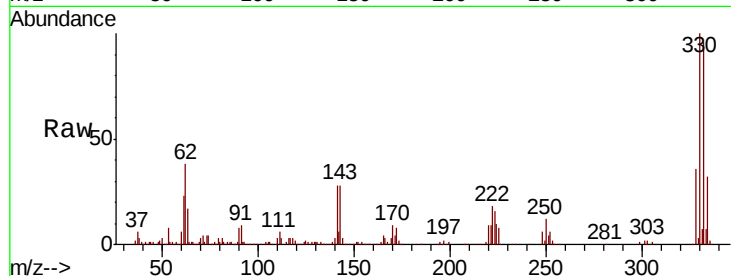
Tot Ion:330 Resp: 441169

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.2

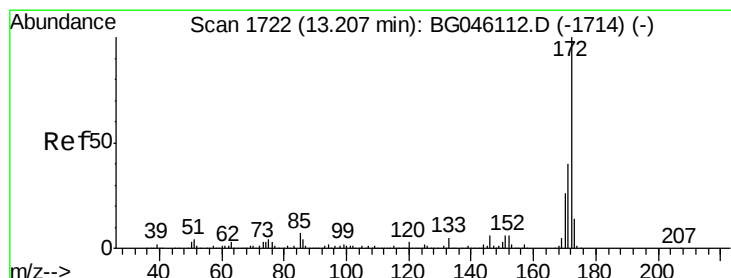
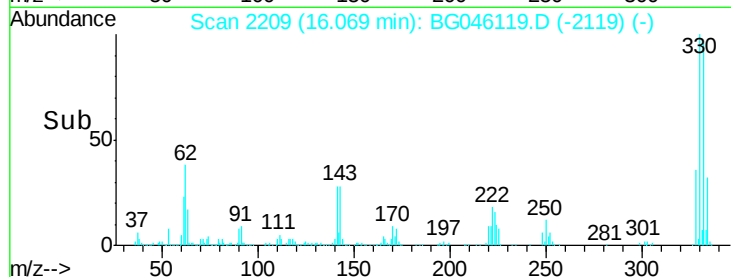
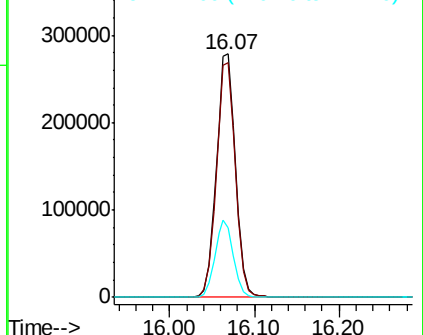
141 30.9 23.4 35.0



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: 82.143 ng

RT: 13.21 min Scan# 1722

Delta R.T. 0.00 min

Lab File: BG046119.D

Acq: 31 Jul 2020 9:48

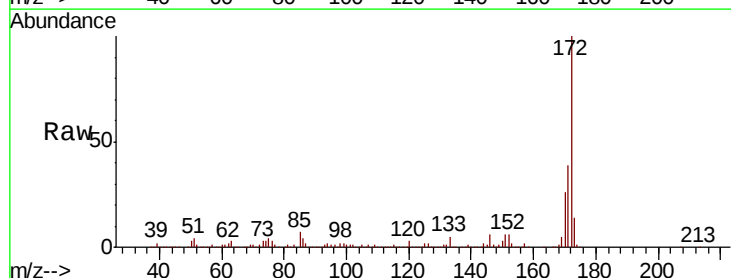
Tgt Ion:172 Resp: 1317018

Ion Ratio Lower Upper

172 100

171 39.2 31.7 47.5

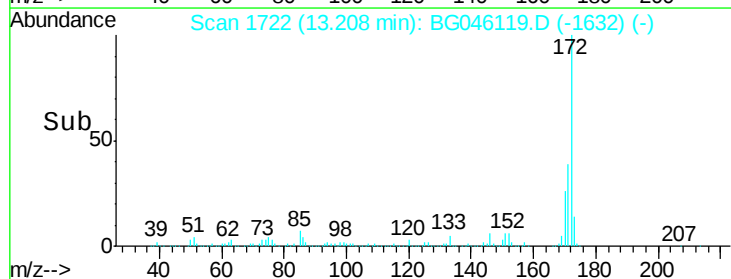
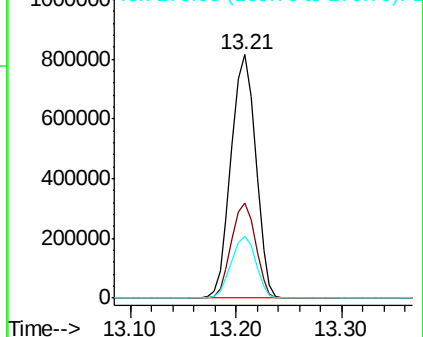
170 25.6 20.9 31.3

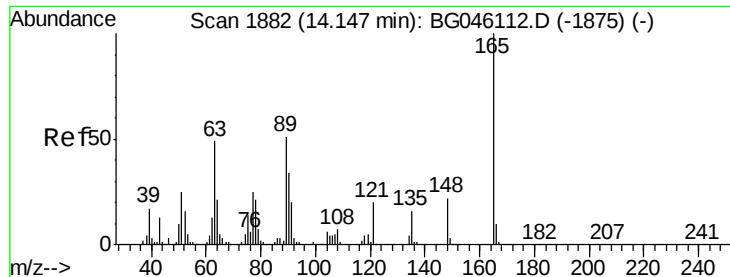


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 7.571 ng

RT: 14.58 min Scan# 1956

Delta R.T. 0.44 min

Lab File: BG046119.D

Acq: 31 Jul 2020 9:48

Instrument :

BNA_G

ClientSampleId :

PB130544BL

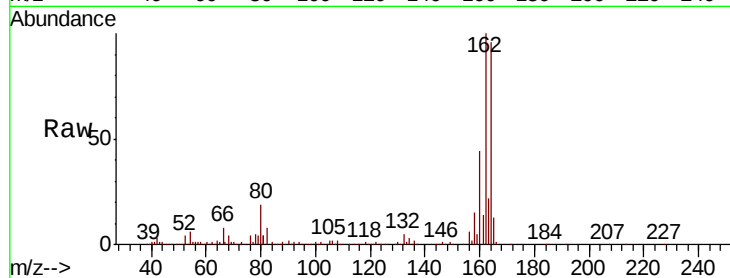
Tot Ion:165 Resp: 31498

Ion Ratio Lower Upper

165 100

63 2.0 39.7 59.5#

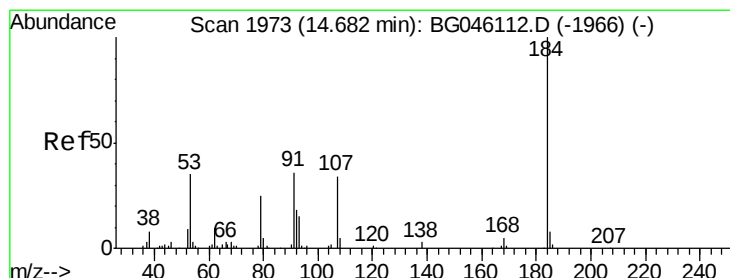
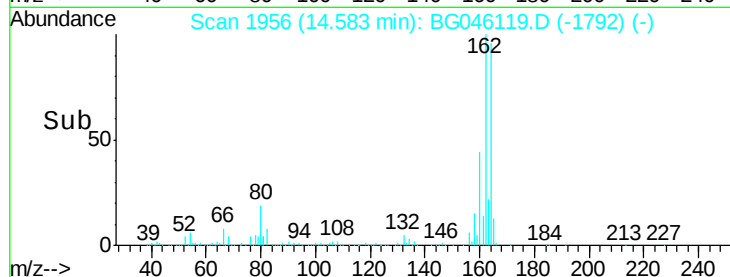
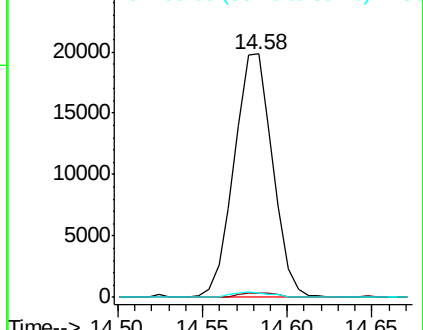
89 1.8 41.0 61.6#



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



#54

2,4-Dinitrophenol

Concen: 7.142 ng

RT: 14.67 min Scan# 1970

Delta R.T. -0.02 min

Lab File: BG046119.D

Acq: 31 Jul 2020 9:48

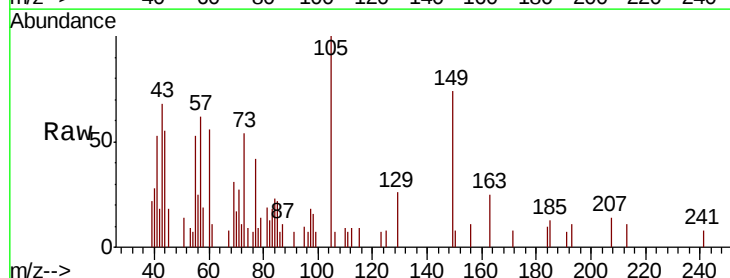
Tgt Ion:184 Resp: 217

Ion Ratio Lower Upper

184 100

63 0.0 36.7 55.1#

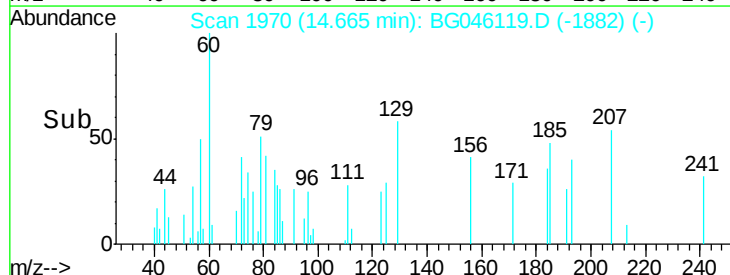
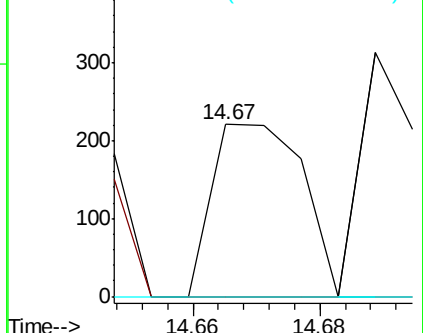
154 0.0 41.3 61.9#

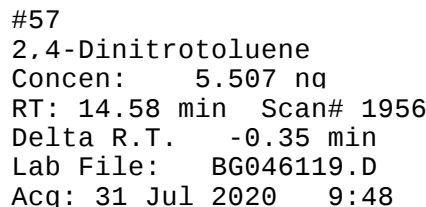


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

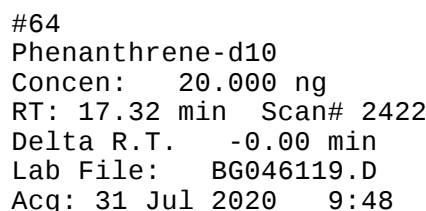
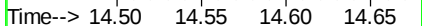
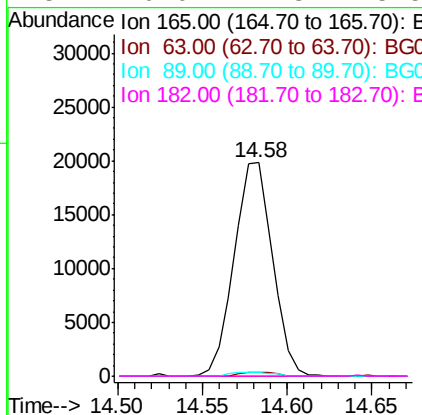
Ion 154.00 (153.70 to 154.70): E



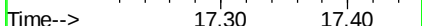
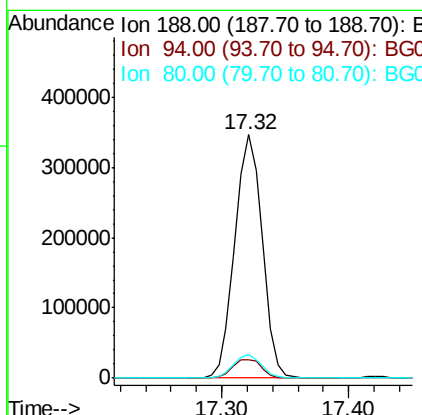


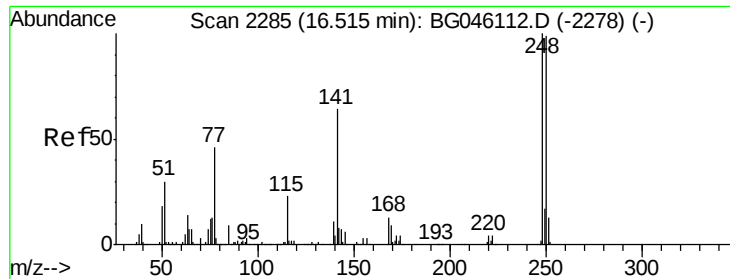
Instrument :
BNA_G
ClientSampleId :
PB130544BL

Tot	Ion:165	Resp:	31498
Ion	Ratio	Lower	Upper
165	100		
63	2.0	30.1	45.1#
89	1.8	51.4	77.2#
182	0.0	2.3	3.5#



Tgt	Ion:188	Resp:	518777
Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.4	9.6
80	9.8	7.4	11.0

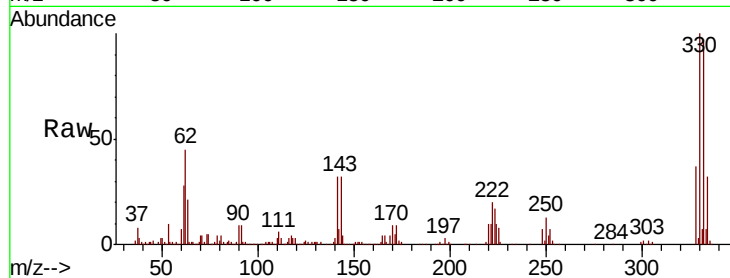




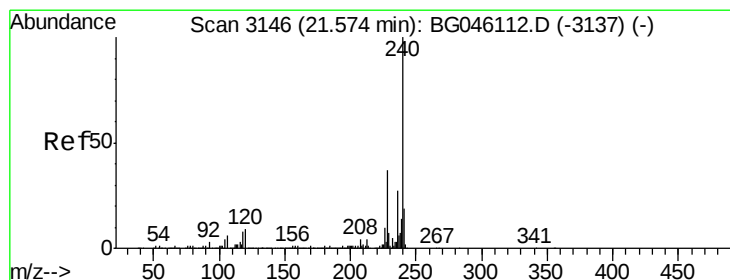
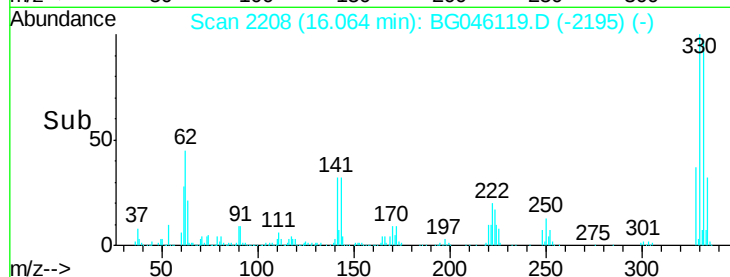
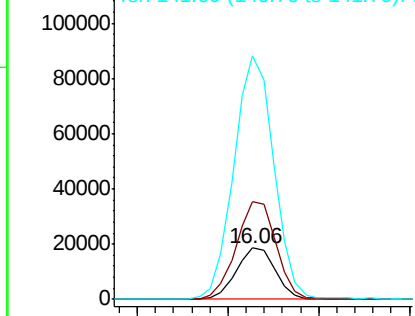
#67
4-Bromophenyl-phenylether
Concen: 4.373 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.45 min
Lab File: BG046119.D
Acq: 31 Jul 2020 9:48

Instrument :
BNA_G
ClientSampleId :
PB130544BL

Tot Ion:248 Resp: 28027
Ion Ratio Lower Upper
248 100
250 190.6 79.4 119.0#
141 473.5 50.9 76.3#

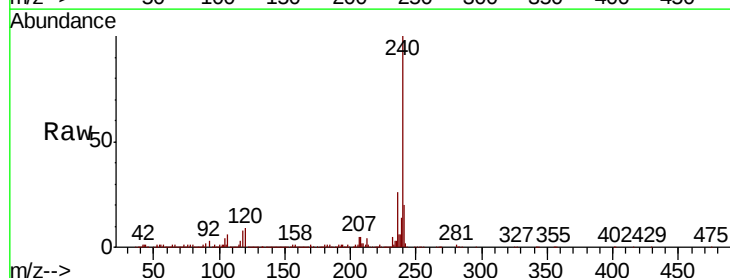


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

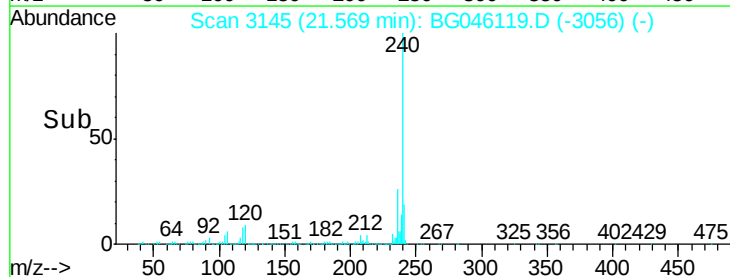
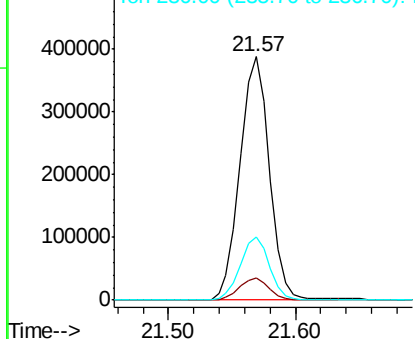


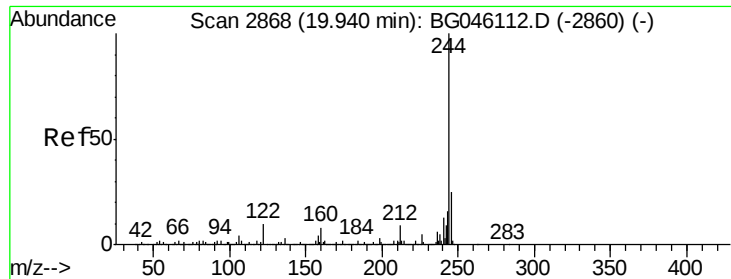
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.00 min
Lab File: BG046119.D
Acq: 31 Jul 2020 9:48

Tgt Ion:240 Resp: 624525
Ion Ratio Lower Upper
240 100
120 9.2 7.1 10.7
236 25.9 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: 63.159 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG046119.D

Acq: 31 Jul 2020 9:48

Instrument :

BNA_G

ClientSampleId :

PB130544BL

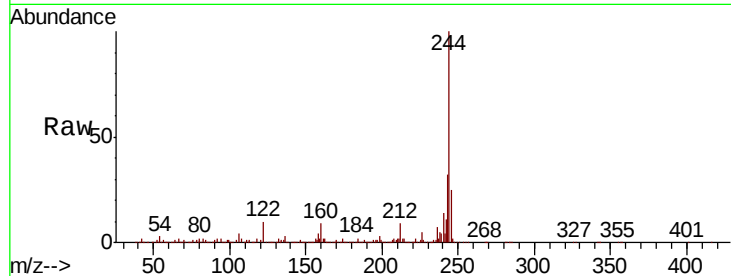
Tot Ion:244 Resp: 1936749

Ion Ratio Lower Upper

244 100

212 9.4 7.2 10.8

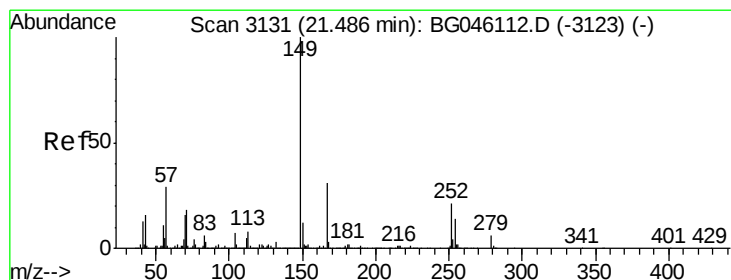
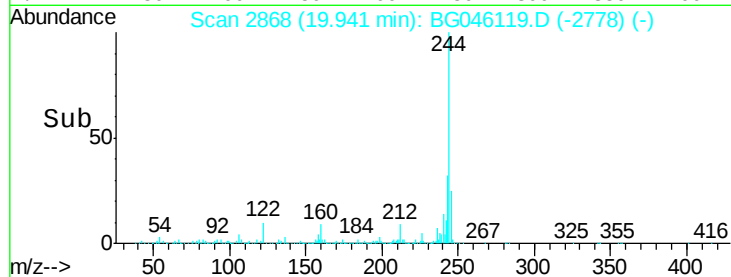
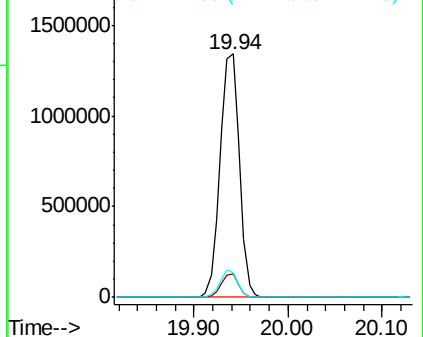
122 10.4 8.3 12.5



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 14.403 ng

RT: 21.30 min Scan# 3100

Delta R.T. -0.18 min

Lab File: BG046119.D

Acq: 31 Jul 2020 9:48

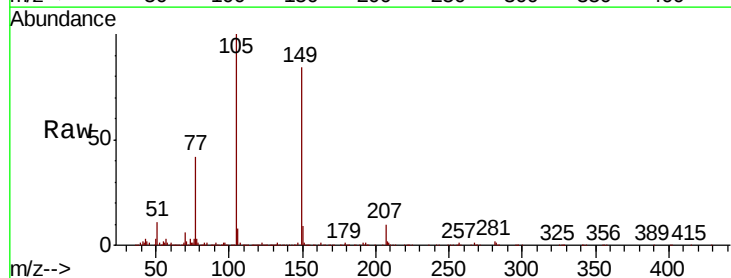
Tgt Ion:149 Resp: 312995

Ion Ratio Lower Upper

149 100

167 0.0 24.8 37.2#

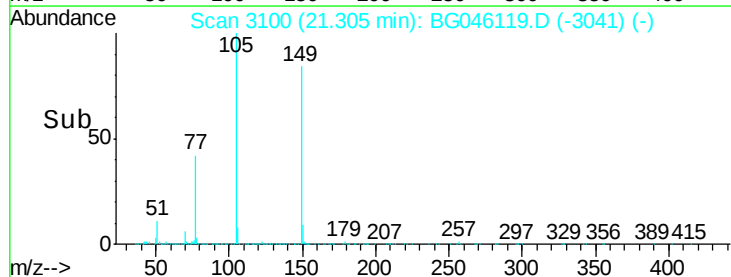
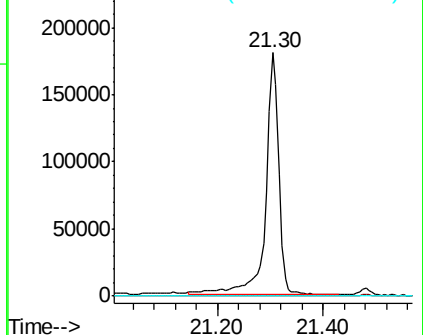
279 0.0 4.6 6.8#

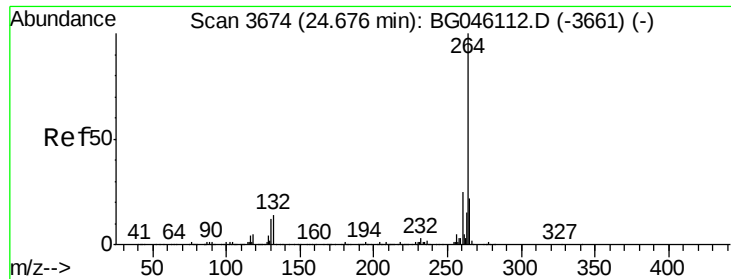


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.68 min Scan# 3674
Delta R.T. 0.00 min
Lab File: BG046119.D
Acq: 31 Jul 2020 9:48

Instrument :
BNA_G
ClientSampleId :
PB130544BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	22.8	17.6	26.4

