

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046124.D
 Acq On : 31 Jul 2020 14:00
 Operator : CG/JU
 Sample : PB130619BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130619BL

Quant Time: Jul 31 15:09:08 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

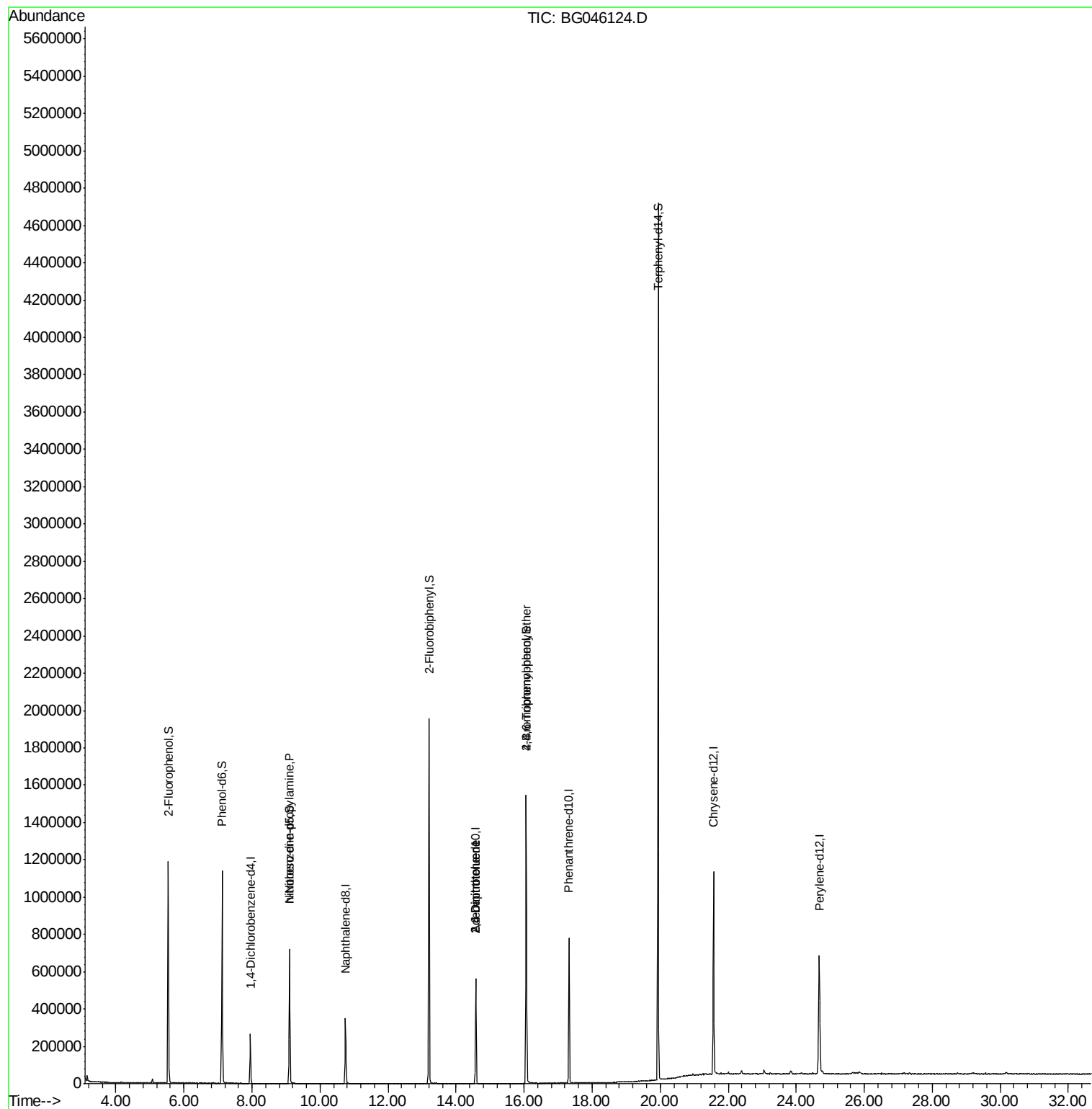
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	77810	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	307897	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	201747	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	501494	20.00	ng	0.00
76) Chrysene-d12	21.57	240	647020	20.00	ng	0.00
86) Perylene-d12	24.67	264	629130	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	522317	116.69	ng	0.00
7) Phenol-d6	7.12	99	664191	108.88	ng	0.00
23) Nitrobenzene-d5	9.10	82	438893	77.18	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	320064	103.29	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1045462	75.28	ng	0.00
79) Terphenyl-d14	19.94	244	1983649	62.44	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.10	70	55701	14.030	ng	# 78
51) 2,6-Dinitrotoluene	14.58	165	26805	7.438	ng	# 28
57) 2,4-Dinitrotoluene	14.58	165	26805	5.410	ng	# 28
67) 4-Bromophenyl-phenylether	16.06	248	19342	3.122	ng	# 1

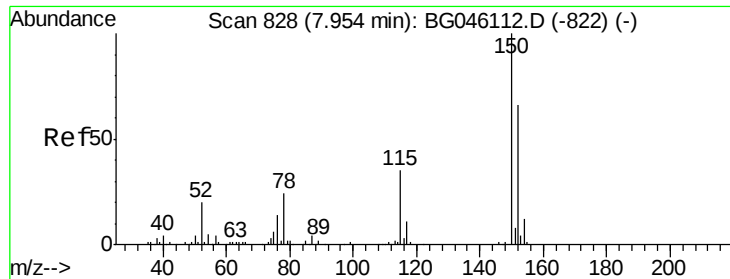
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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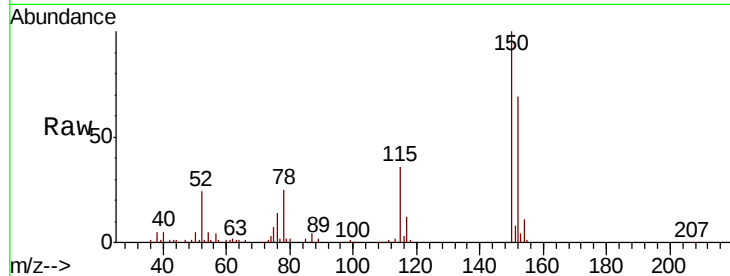


#1

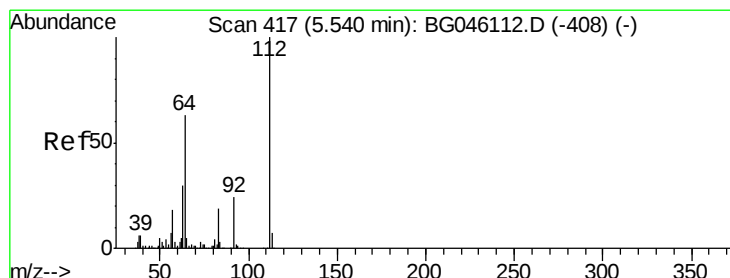
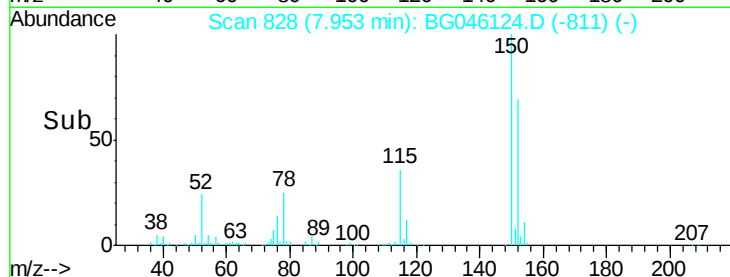
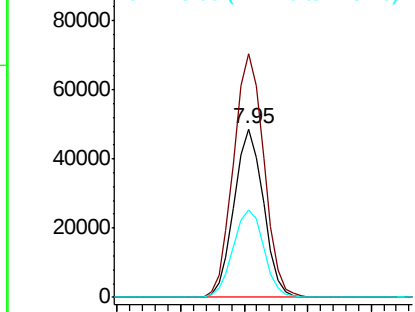
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.95 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BG046124.D
 Acq: 31 Jul 2020 14:00

Instrument :
 BNA_G
 ClientSampleId :
 PB130619BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.8	122.1	183.1
115	52.2	43.2	64.8



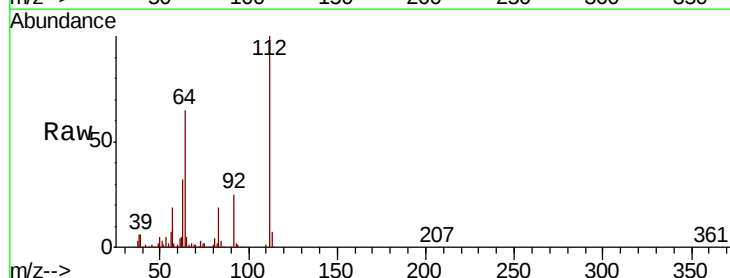
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



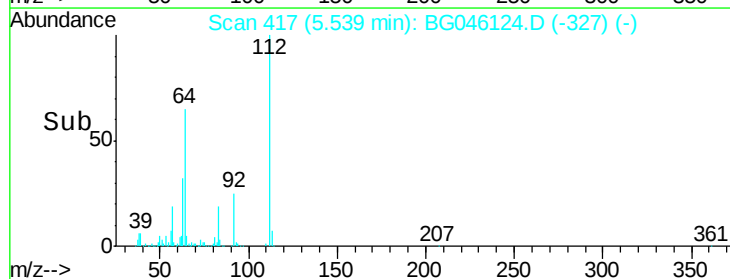
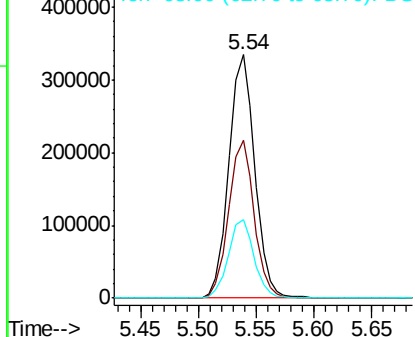
#5

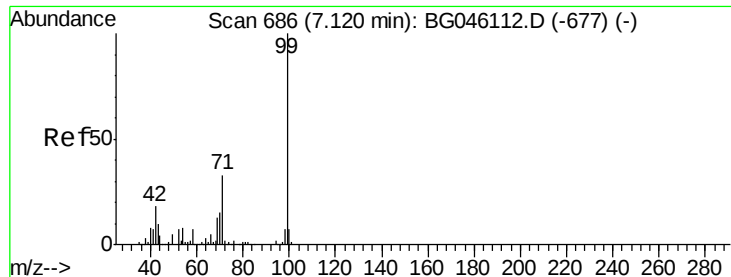
2-Fluorophenol
 Concen: 116.692 ng
 RT: 5.54 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BG046124.D
 Acq: 31 Jul 2020 14:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	50.2	75.2
63	32.1	24.2	36.4



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG0
 Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 108.880 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046124.D

Acq: 31 Jul 2020 14:00

Instrument :

BNA_G

ClientSampleId :

PB130619BL

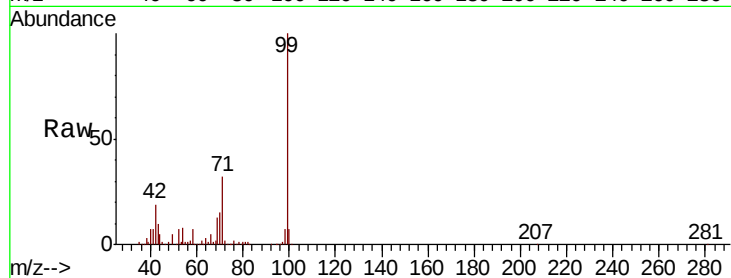
Tot Ion: 99 Resp: 664191

Ion Ratio Lower Upper

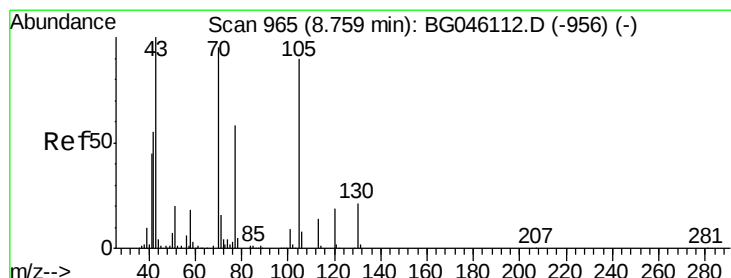
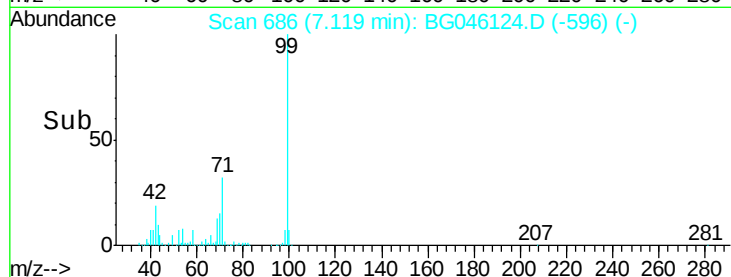
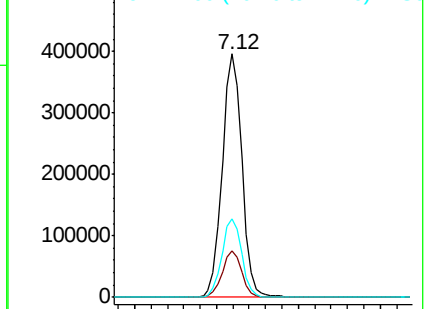
99 100

42 19.2 14.7 22.1

71 32.4 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: 14.030 ng

RT: 9.10 min Scan# 1024

Delta R.T. 0.35 min

Lab File: BG046124.D

Acq: 31 Jul 2020 14:00

Tgt Ion: 70 Resp: 55701

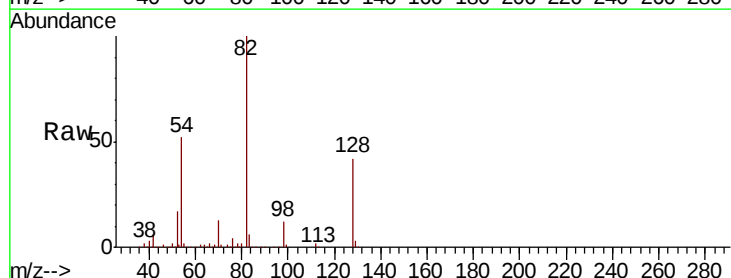
Ion Ratio Lower Upper

70 100

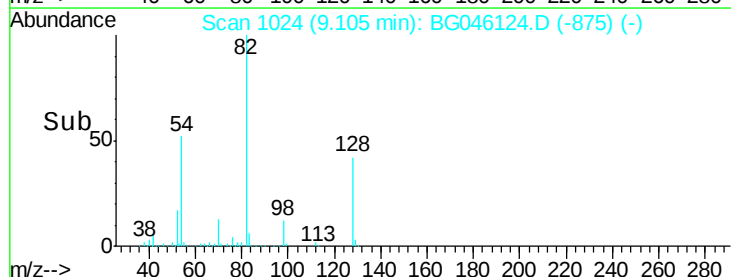
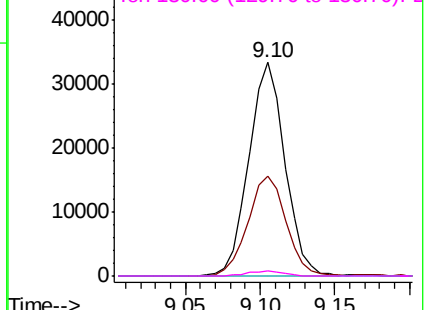
42 47.0 46.5 69.7

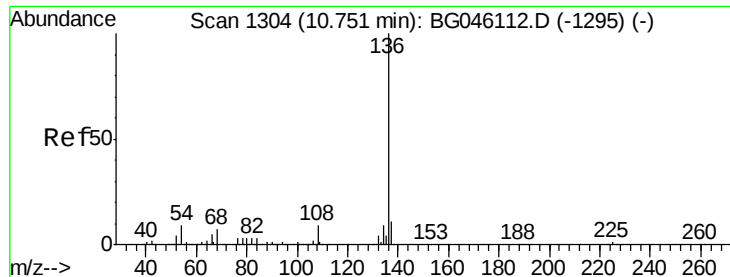
101 0.0 7.6 11.4#

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: BG046124.D

Acq: 31 Jul 2020 14:00

Instrument :

BNA_G

ClientSampleId :

PB130619BL

Tot Ion:136 Resp: 307897

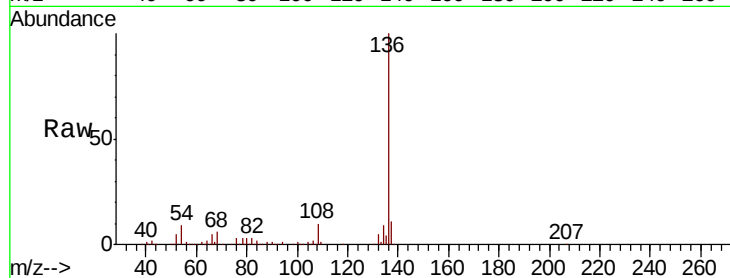
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 9.0 7.0 10.4

68 6.0 5.3 7.9

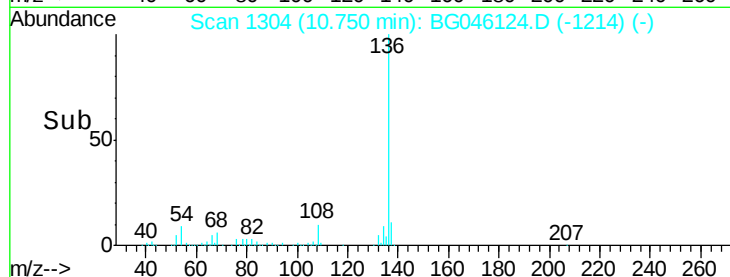


Abundance Ion 136.00 (135.70 to 136.70): E

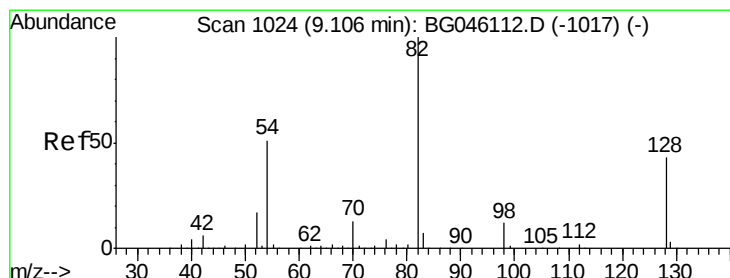
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#23

Nitrobenzene-d5

Concen: 77.178 ng

RT: 9.10 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BG046124.D

Acq: 31 Jul 2020 14:00

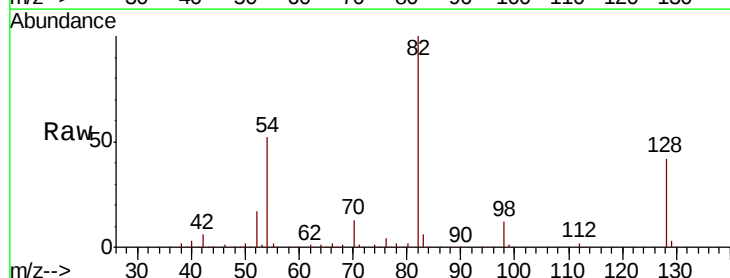
Tgt Ion: 82 Resp: 438893

Ion Ratio Lower Upper

82 100

128 41.8 34.4 51.6

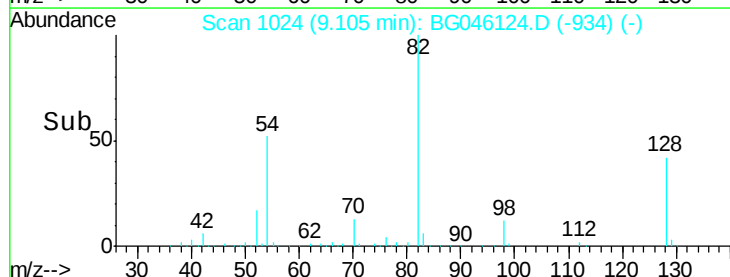
54 51.6 40.8 61.2



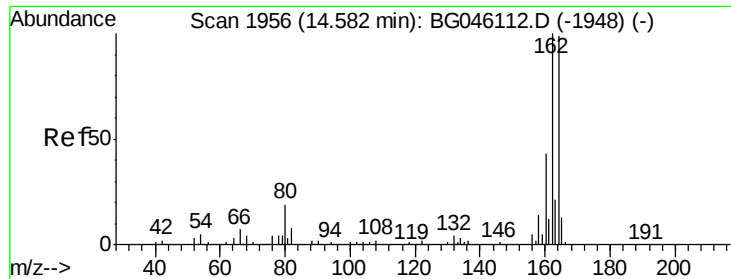
Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC



Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG046124.D

Acq: 31 Jul 2020 14:00

Instrument :

BNA_G

ClientSampleId :

PB130619BL

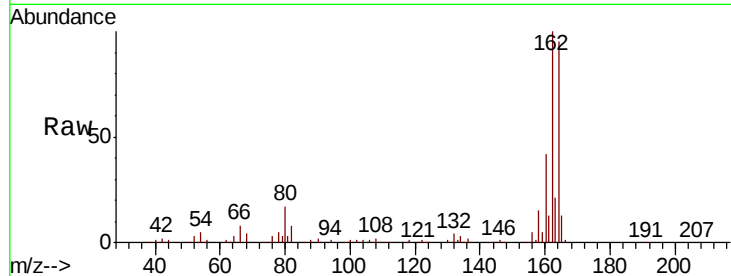
Tot Ion:164 Resp: 201747

Ion Ratio Lower Upper

164 100

162 105.8 80.6 121.0

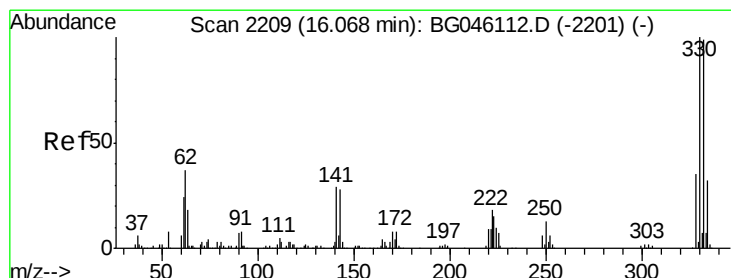
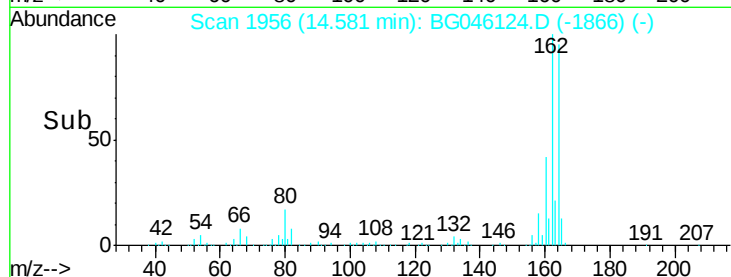
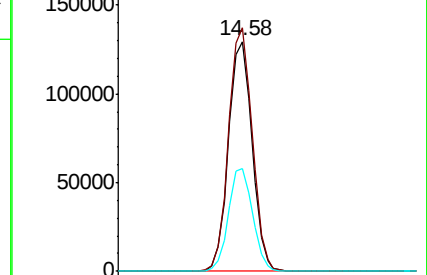
160 44.8 34.9 52.3



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: 103.287 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG046124.D

Acq: 31 Jul 2020 14:00

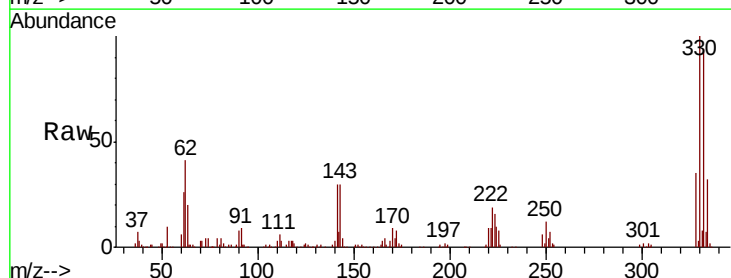
Tgt Ion:330 Resp: 320064

Ion Ratio Lower Upper

330 100

332 95.4 77.4 116.2

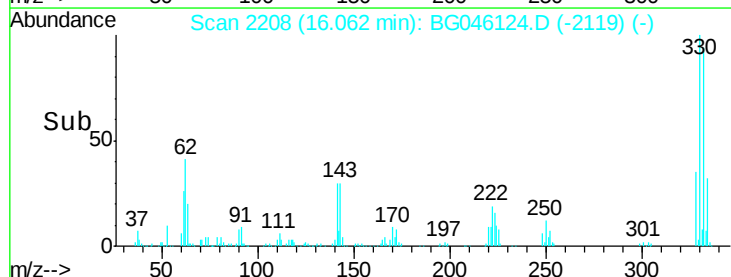
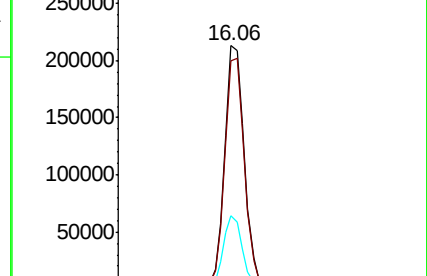
141 29.6 23.4 35.0

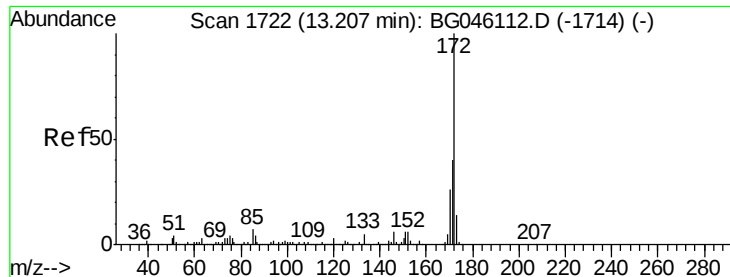


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

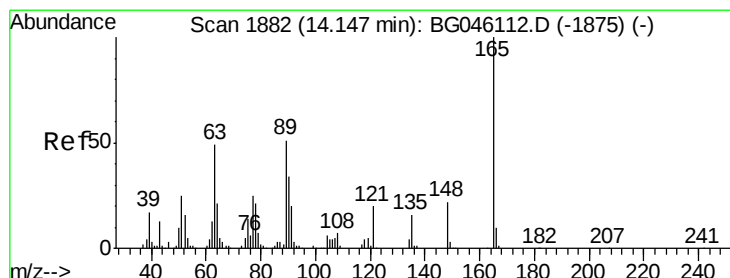
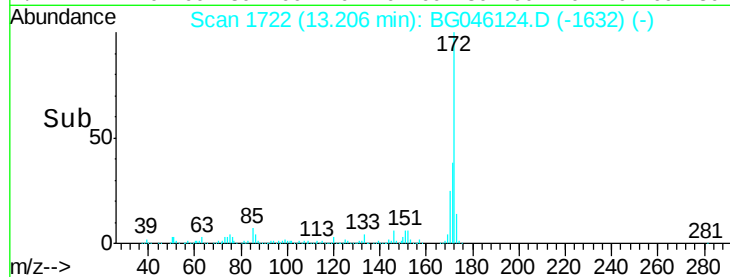
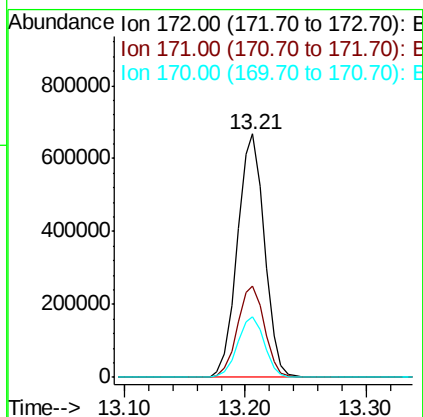
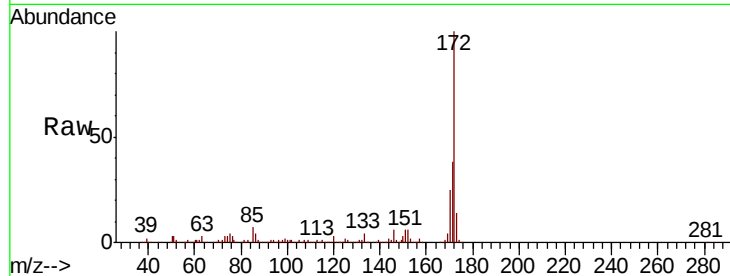




#45
2-Fluorobiphenyl
Concen: 75.276 ng
RT: 13.21 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BG046124.D
Acq: 31 Jul 2020 14:00

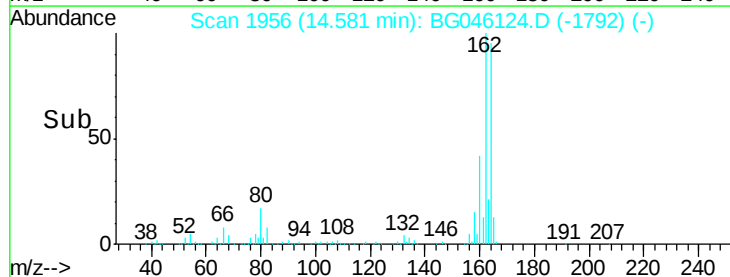
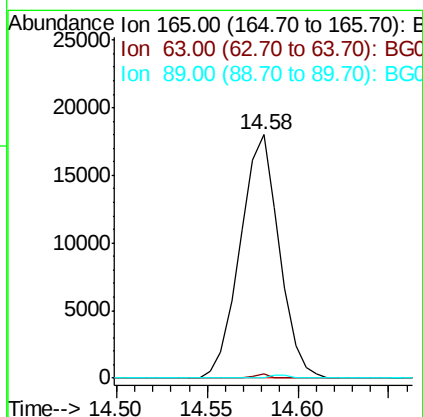
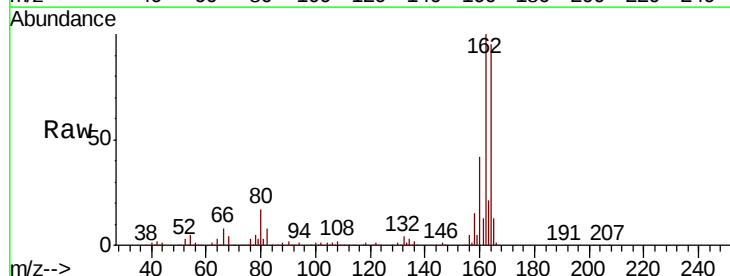
Instrument :
BNA_G
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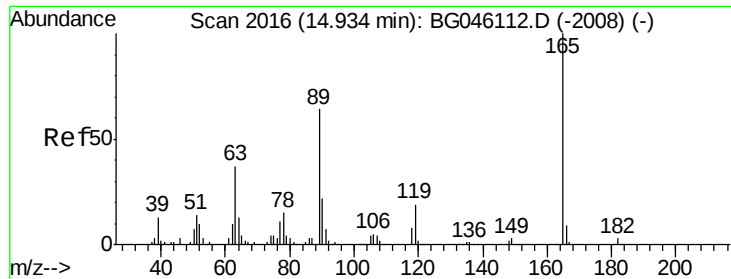
Tot Ion:172 Resp: 1045462
Ion Ratio Lower Upper
172 100
171 37.7 31.7 47.5
170 24.8 20.9 31.3



#51
2,6-Dinitrotoluene
Concen: 7.438 ng
RT: 14.58 min Scan# 1956
Delta R.T. 0.43 min
Lab File: BG046124.D
Acq: 31 Jul 2020 14:00

Tgt Ion:165 Resp: 26805
Ion Ratio Lower Upper
165 100
63 1.7 39.7 59.5#
89 0.0 41.0 61.6#

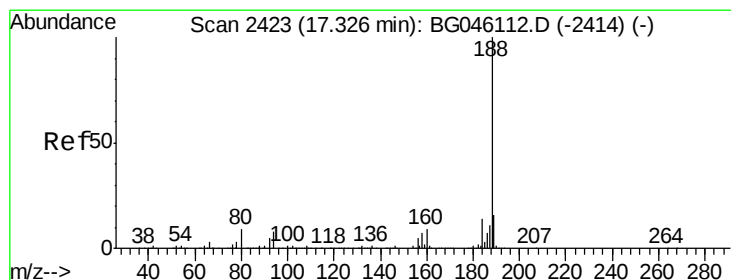
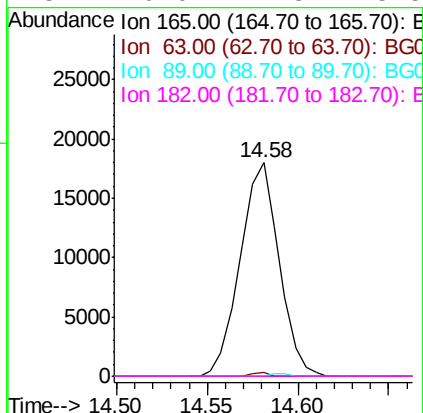
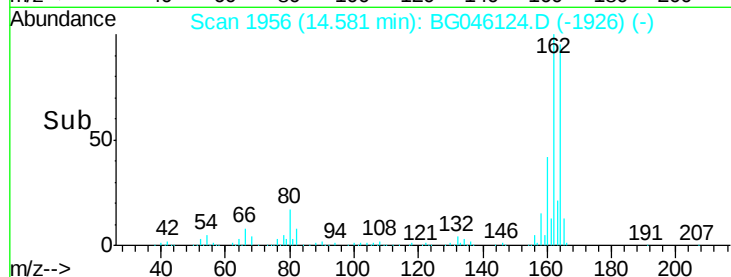
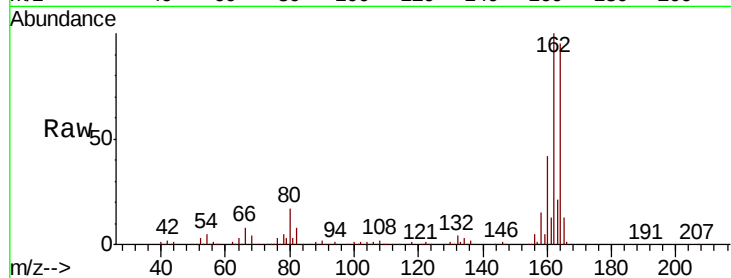




#57
2,4-Dinitrotoluene
Concen: 5.410 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.35 min
Lab File: BG046124.D
Acq: 31 Jul 2020 14:00

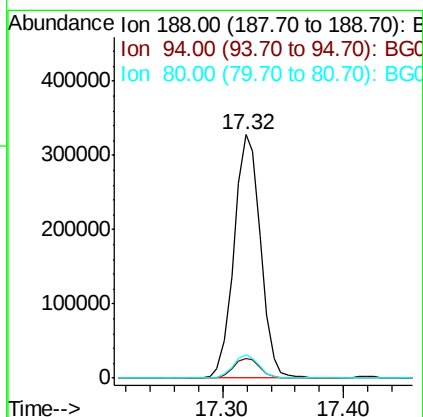
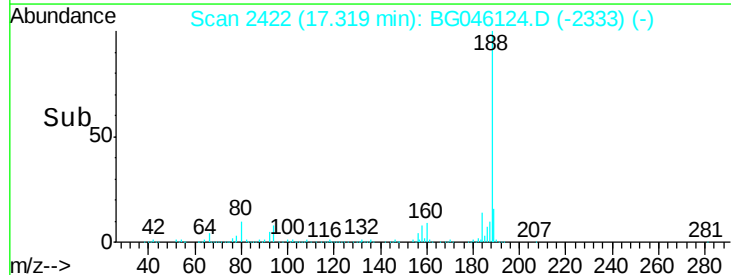
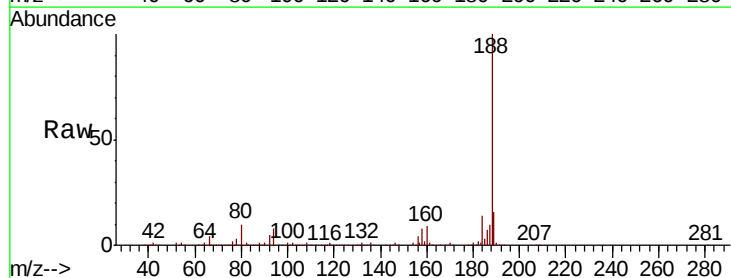
Instrument :
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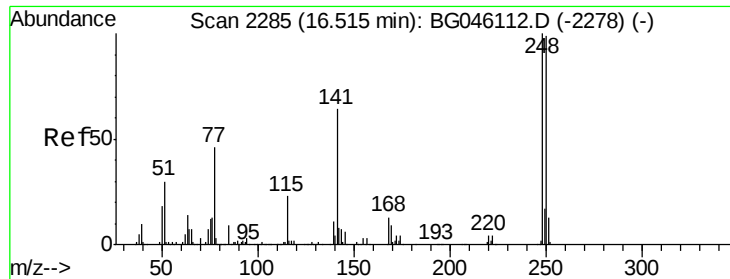
Tot Ion:165 Resp: 26805
Ion Ratio Lower Upper
165 100
63 1.7 30.1 45.1#
89 0.0 51.4 77.2#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG046124.D
Acq: 31 Jul 2020 14:00

Tgt Ion:188 Resp: 501494
Ion Ratio Lower Upper
188 100
94 8.3 6.4 9.6
80 9.7 7.4 11.0

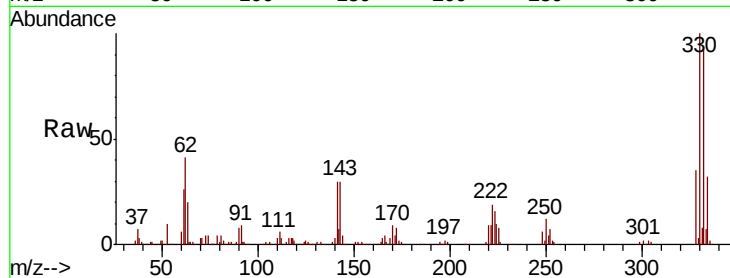




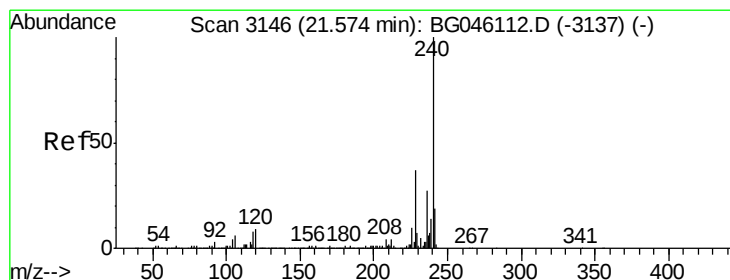
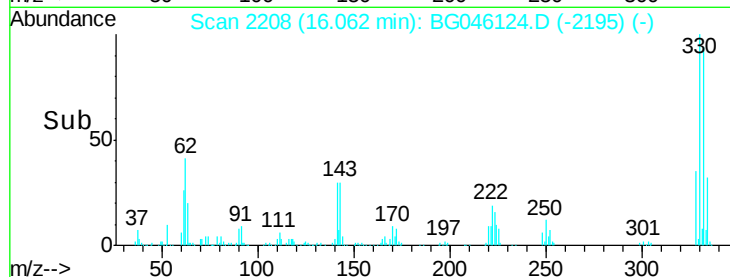
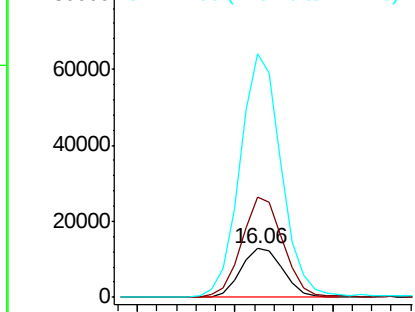
#67
4-Bromophenyl-phenylether
Concen: 3.122 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.45 min
Lab File: BG046124.D
Acq: 31 Jul 2020 14:00

Instrument :
BNA_G
ClientSampleId :
PB130619BL

Tot Ion:248 Resp: 19342
Ion Ratio Lower Upper
248 100
250 206.6 79.4 119.0#
141 499.7 50.9 76.3#

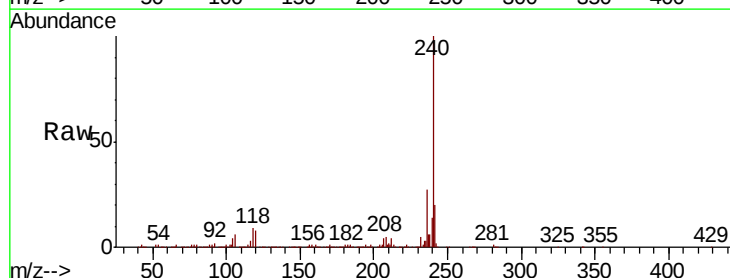


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

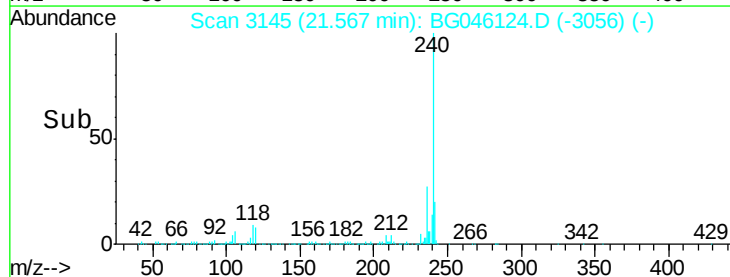
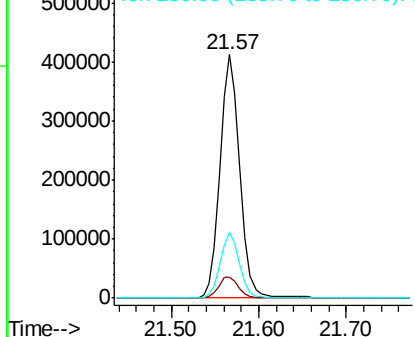


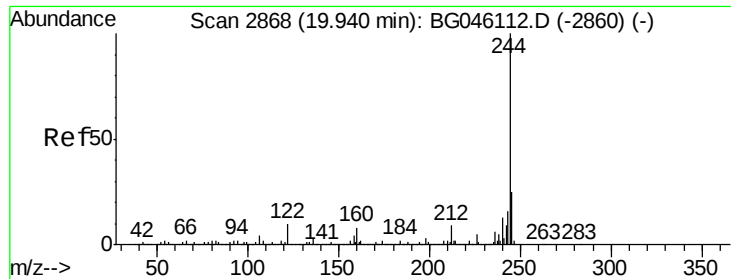
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG046124.D
Acq: 31 Jul 2020 14:00

Tgt Ion:240 Resp: 647020
Ion Ratio Lower Upper
240 100
120 8.4 7.1 10.7
236 26.9 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: 62.439 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG046124.D

Acq: 31 Jul 2020 14:00

Instrument :

BNA_G

ClientSampleId :

PB130619BL

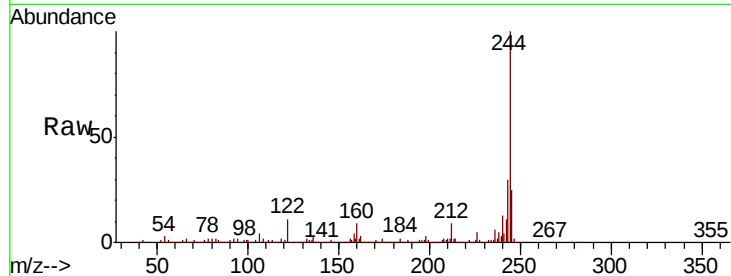
Tot Ion:244 Resp: 1983649

Ion Ratio Lower Upper

244 100

212 9.1 7.2 10.8

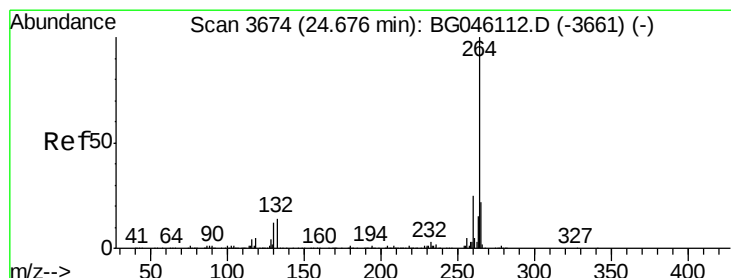
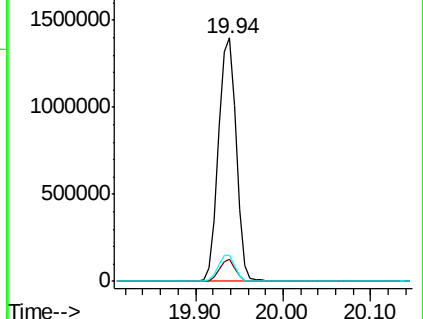
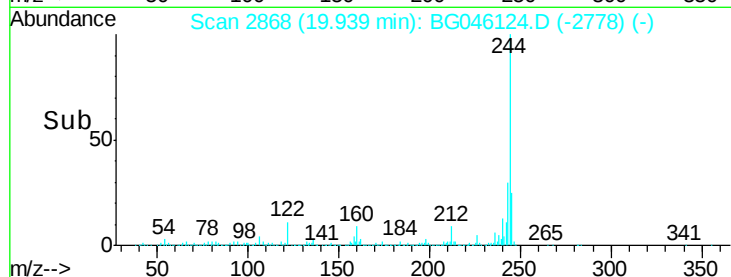
122 10.6 8.3 12.5



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# 3674

Delta R.T. -0.00 min

Lab File: BG046124.D

Acq: 31 Jul 2020 14:00

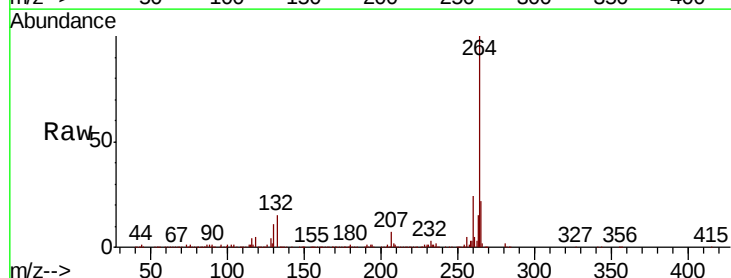
Tgt Ion:264 Resp: 629130

Ion Ratio Lower Upper

264 100

260 24.0 19.7 29.5

265 21.9 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

