

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080420\
 Data File : BG046165.D
 Acq On : 4 Aug 2020 10:40
 Operator : CG/JU
 Sample : L3525-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 04 11:18:00 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

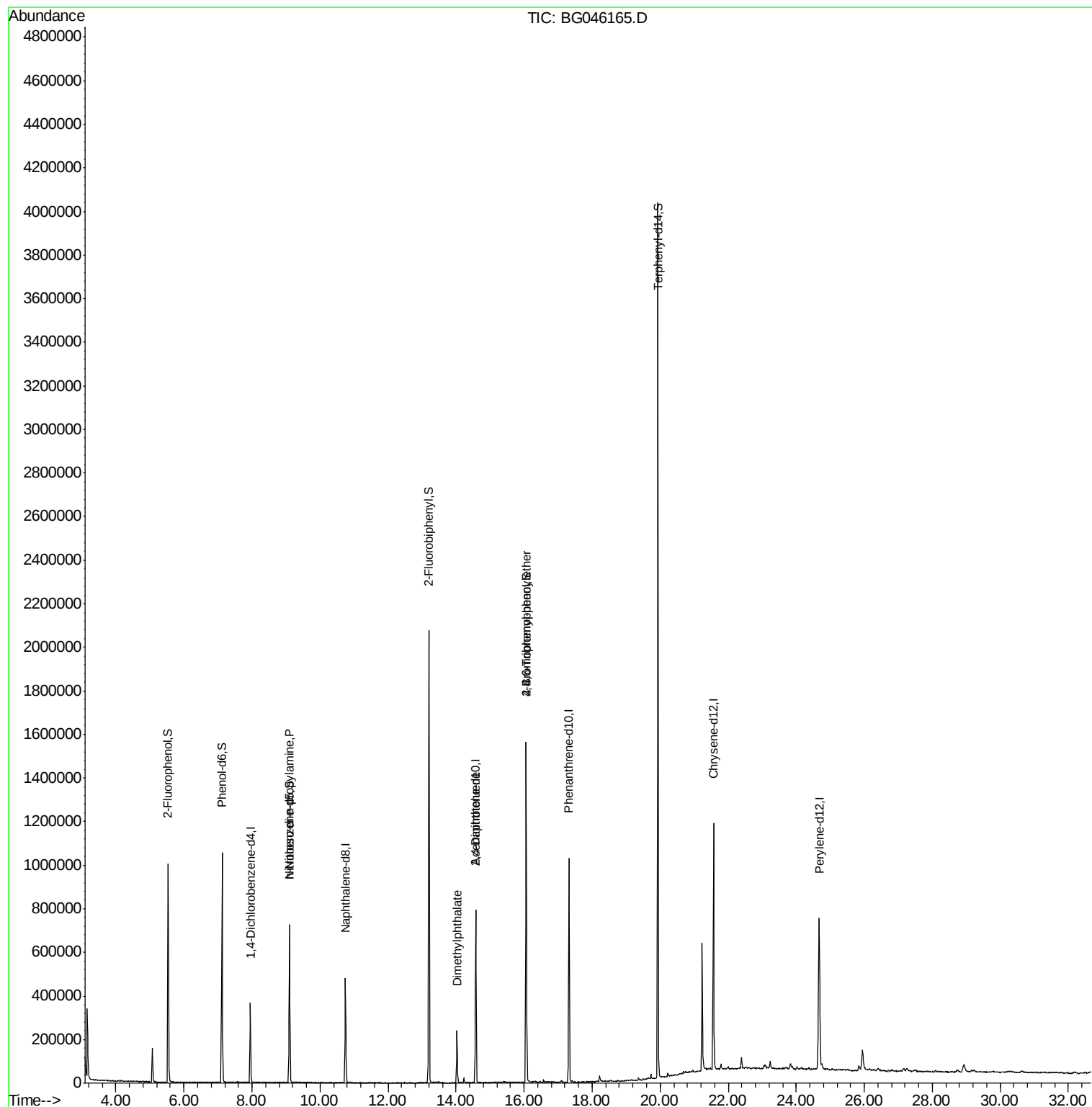
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	109289	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	435430	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	285272	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	653388	20.00	ng	0.00
76) Chrysene-d12	21.57	240	692190	20.00	ng	0.00
86) Perylene-d12	24.67	264	734022	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	462842	73.62	ng	0.00
7) Phenol-d6	7.12	99	636108	74.24	ng	0.00
23) Nitrobenzene-d5	9.10	82	452088	56.21	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	312908	71.41	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1114837	56.77	ng	0.00
79) Terphenyl-d14	19.93	244	1730232	50.91	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.10	70	56965	10.216	ng	Qvalue # 80
50) Dimethylphthalate	14.03	163	161848	7.392	ng	98
57) 2,4-Dinitrotoluene	14.57	165	37434	5.343	ng	# 28
67) 4-Bromophenyl-phenylether	16.06	248	19730	2.444	ng	# 1

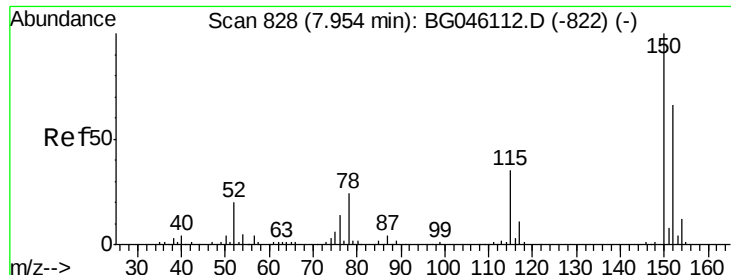
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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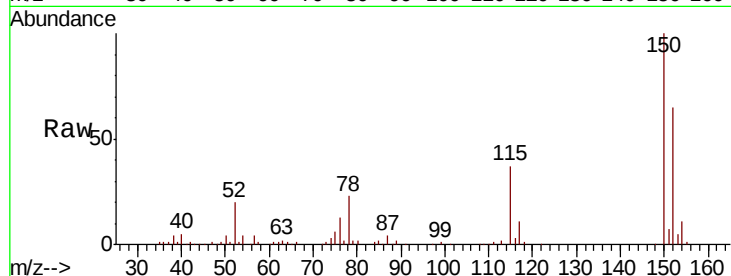


#1

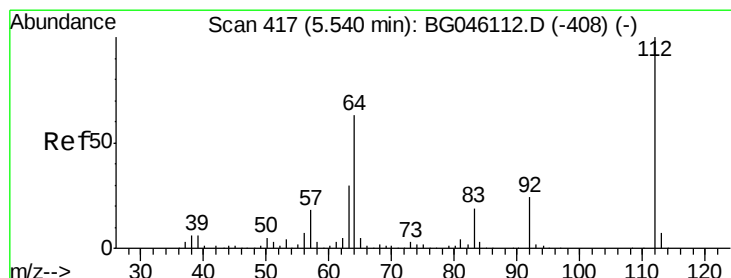
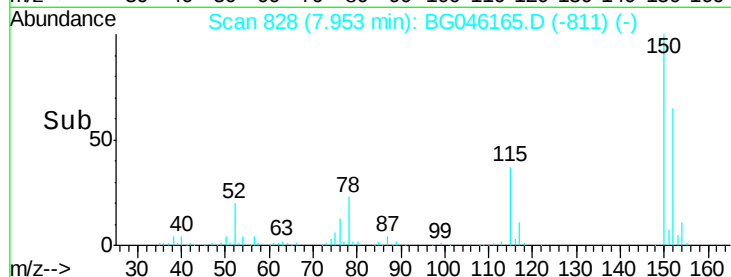
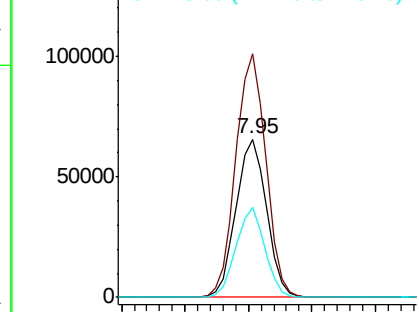
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046165.D
Acq: 4 Aug 2020 10:40

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 109289
Ion Ratio Lower Upper
152 100
150 153.9 122.1 183.1
115 56.6 43.2 64.8



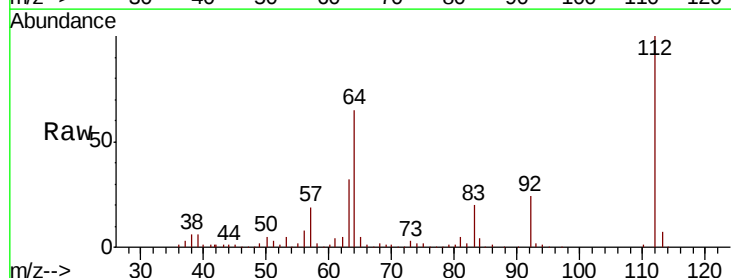
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



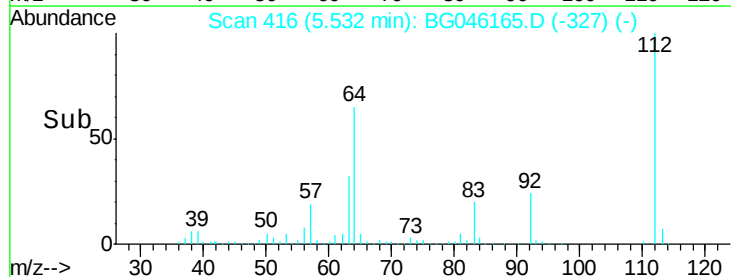
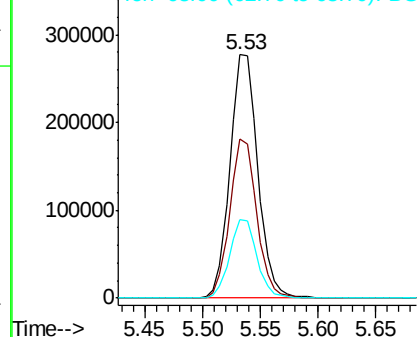
#5

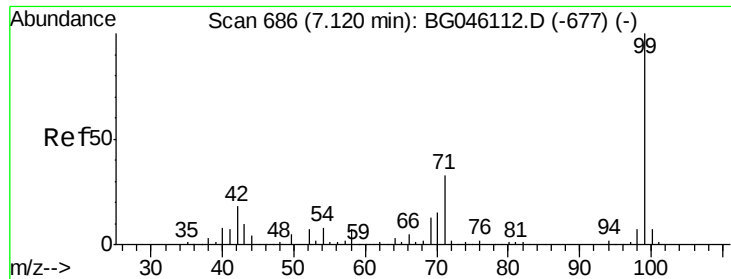
2-Fluorophenol
Concen: 73.620 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG046165.D
Acq: 4 Aug 2020 10:40

Tgt Ion:112 Resp: 462842
Ion Ratio Lower Upper
112 100
64 65.3 50.2 75.2
63 32.4 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: 74.241 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046165.D

Acq: 4 Aug 2020 10:40

Instrument :

BNA_G

ClientSampleId :

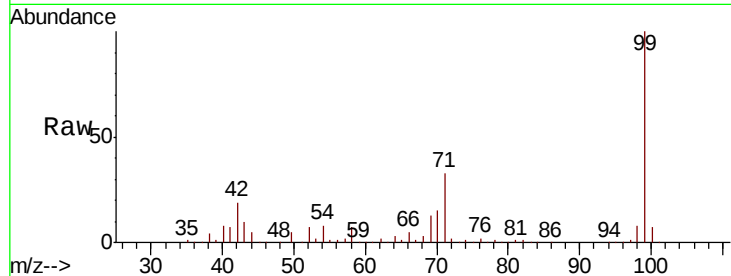
Tot Ion: 99 Resp: 636108

Ion Ratio Lower Upper

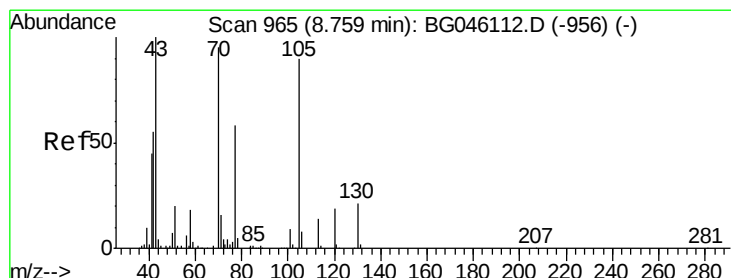
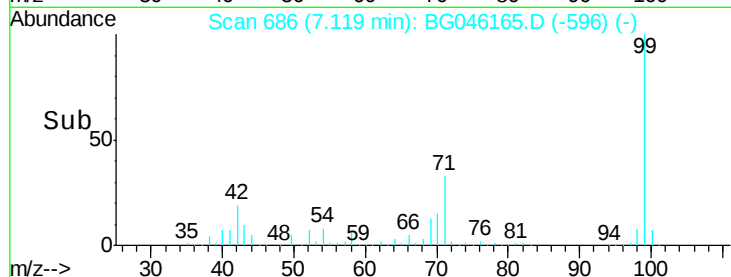
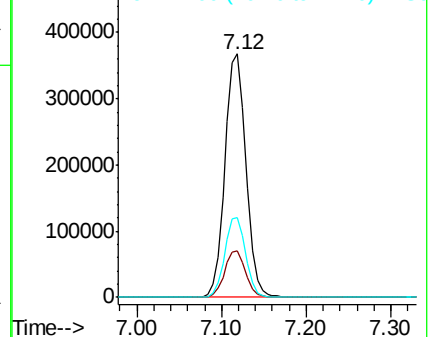
99 100

42 19.2 14.7 22.1

71 32.6 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: 10.216 ng

RT: 9.10 min Scan# 1024

Delta R.T. 0.35 min

Lab File: BG046165.D

Acq: 4 Aug 2020 10:40

Tgt Ion: 70 Resp: 56965

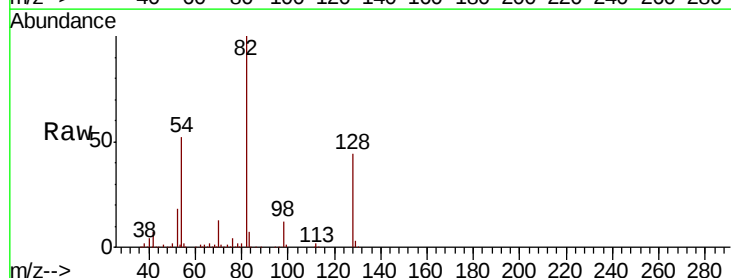
Ion Ratio Lower Upper

70 100

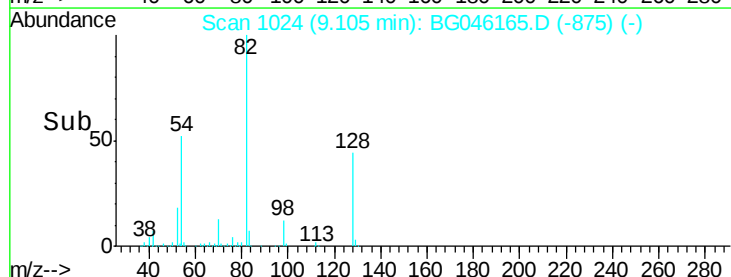
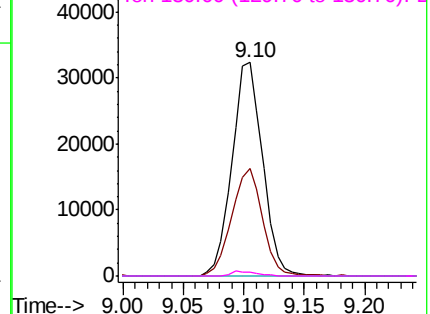
42 50.3 46.5 69.7

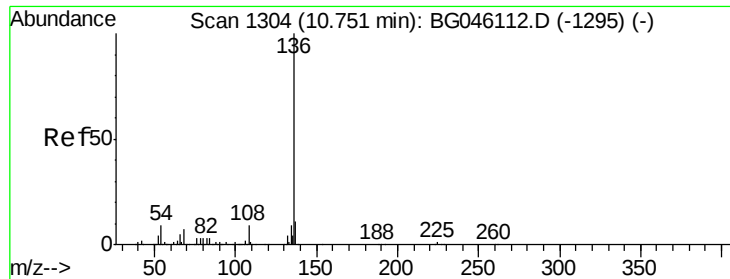
101 0.0 7.6 11.4#

130 1.6 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: BG046165.D

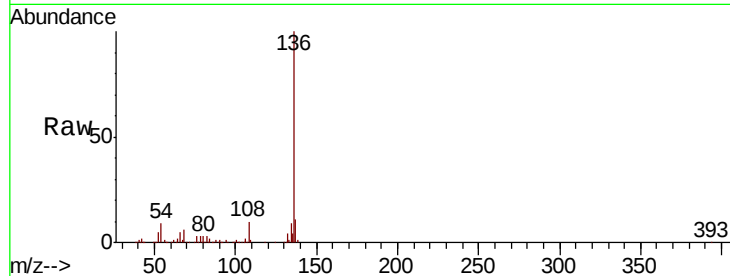
Acq: 4 Aug 2020 10:40

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136	Resp:	435430
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.8 13.2
54	9.1	7.0 10.4
68	6.4	5.3 7.9

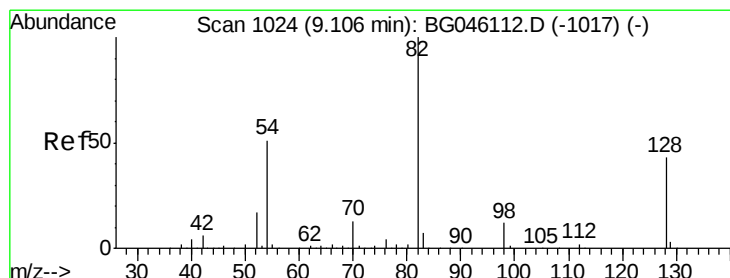
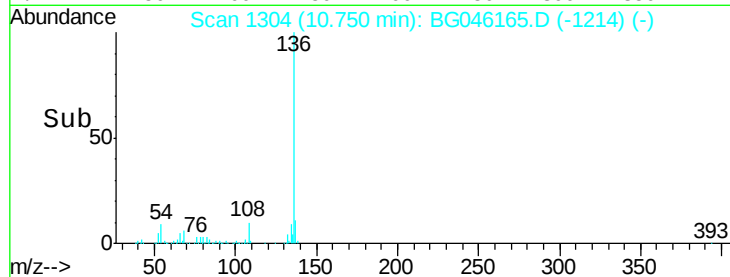
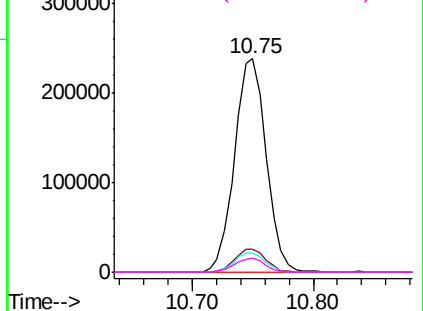


Abundance Ion 136.00 (135.70 to 136.70): E

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: 56.214 ng

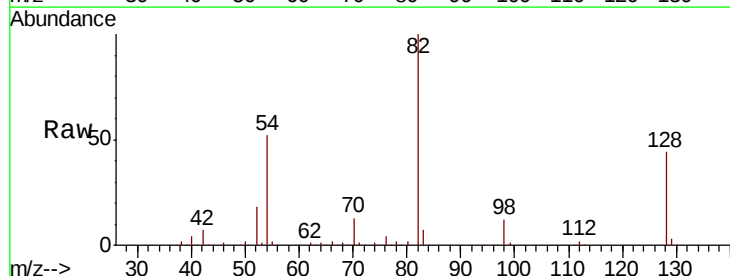
RT: 9.10 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BG046165.D

Acq: 4 Aug 2020 10:40

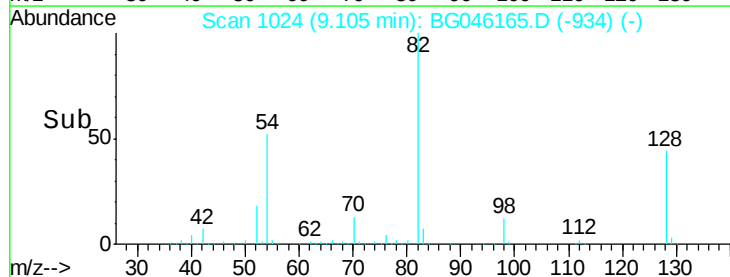
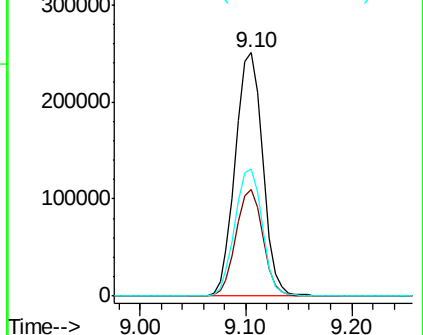
Tgt Ion: 82	Resp:	452088
Ion	Ratio	Lower Upper
82	100	
128	43.6	34.4 51.6
54	52.1	40.8 61.2

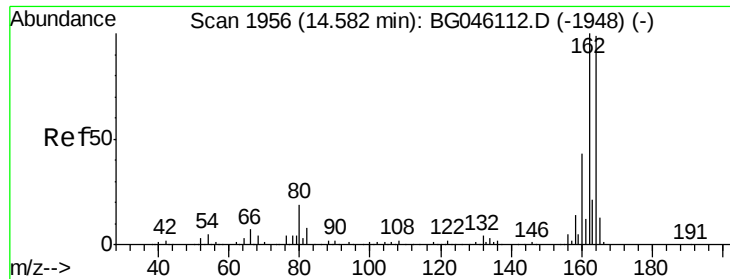


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG046165.D

Acq: 4 Aug 2020 10:40

Instrument :

BNA_G

ClientSampleId :

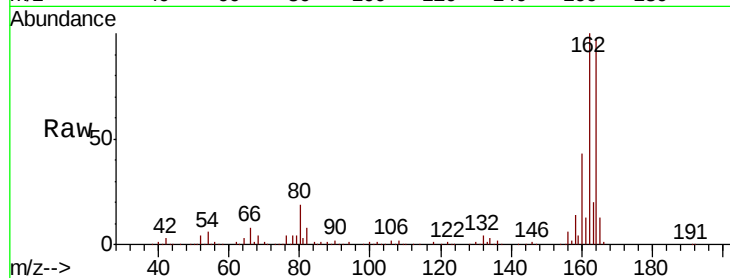
Tot Ion:164 Resp: 285272

Ion Ratio Lower Upper

164 100

162 103.3 80.6 121.0

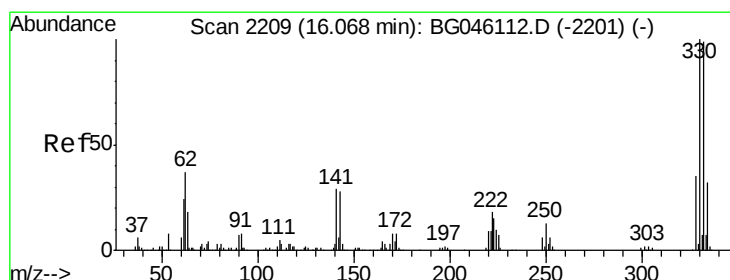
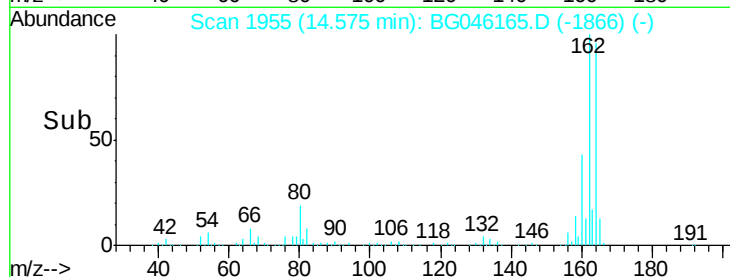
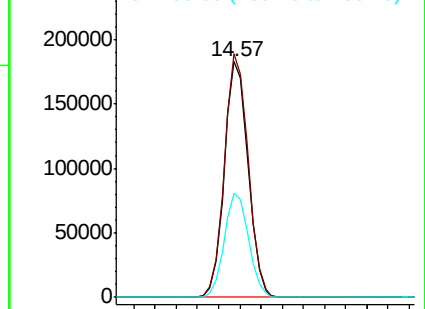
160 44.3 34.9 52.3



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: 71.412 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG046165.D

Acq: 4 Aug 2020 10:40

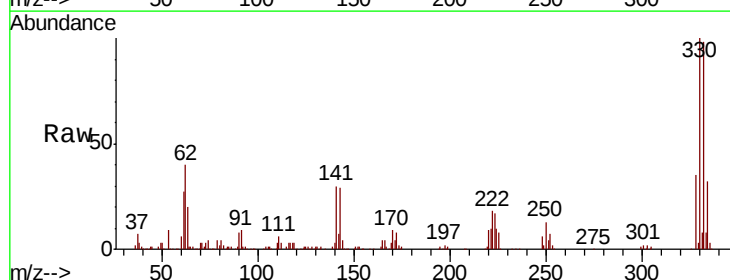
Tgt Ion:330 Resp: 312908

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

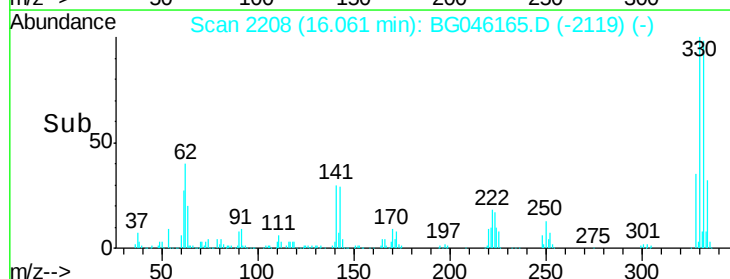
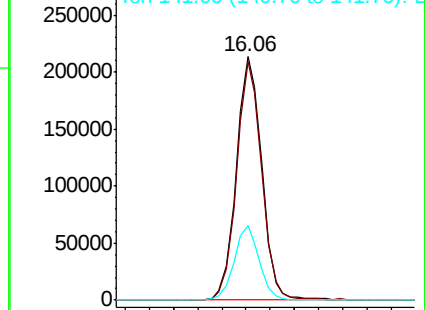
141 30.4 23.4 35.0

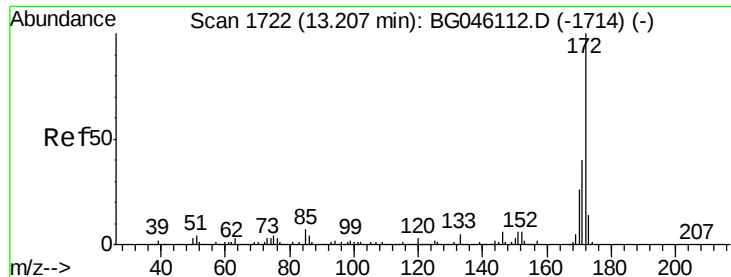


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

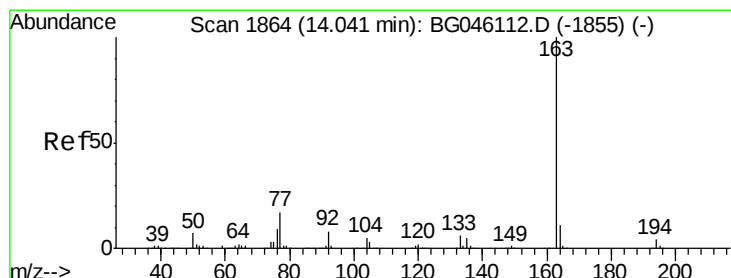
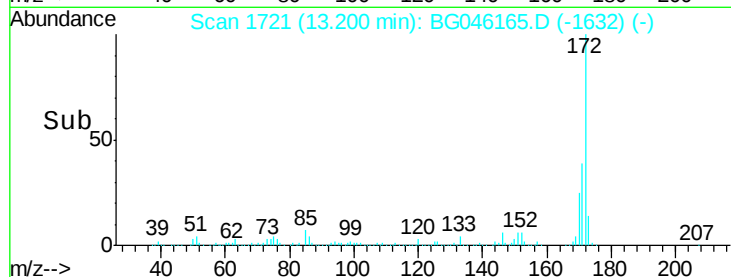
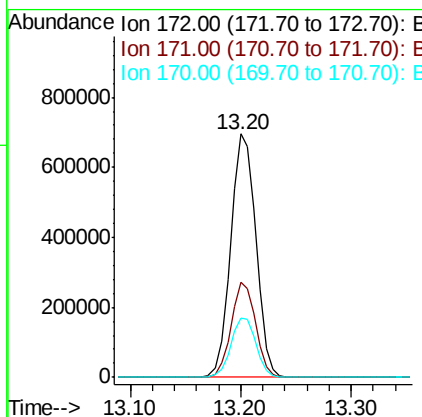
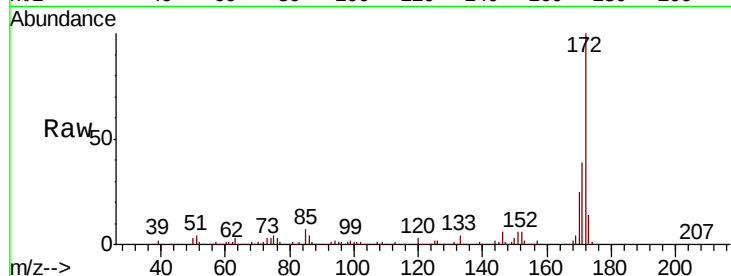




#45
2-Fluorobiphenyl
Concen: 56.769 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BG046165.D
Acq: 4 Aug 2020 10:40

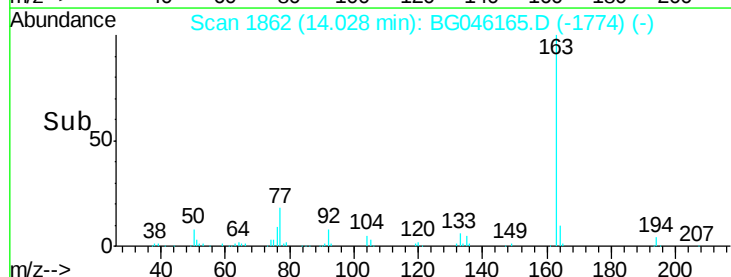
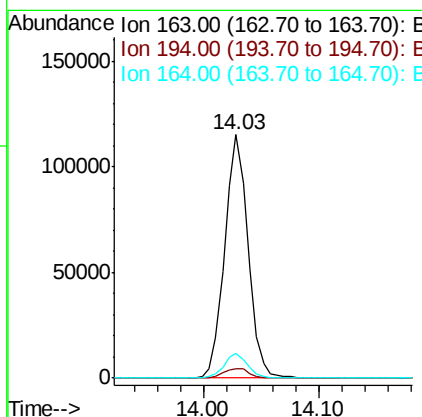
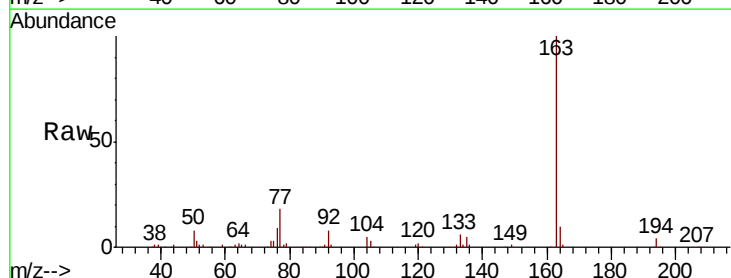
Instrument :
BNA_G
ClientSampleId :

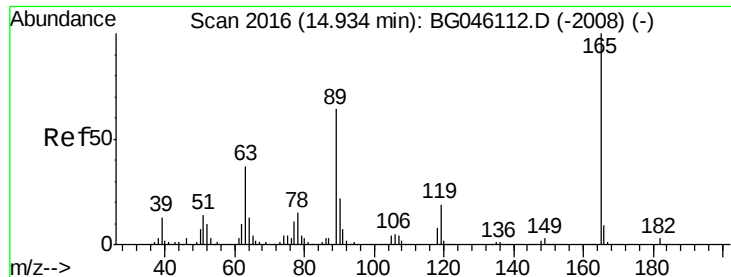
Tot Ion:172 Resp: 1114837
Ion Ratio Lower Upper
172 100
171 38.9 31.7 47.5
170 24.6 20.9 31.3



#50
Dimethylphthalate
Concen: 7.392 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG046165.D
Acq: 4 Aug 2020 10:40

Tgt Ion:163 Resp: 161848
Ion Ratio Lower Upper
163 100
194 4.0 3.5 5.3
164 10.2 8.8 13.2

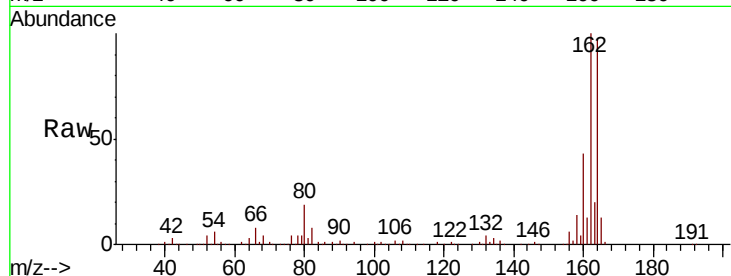




#57
 2,4-Dinitrotoluene
 Concen: 5.343 ng
 RT: 14.57 min Scan# 1955
 Delta R.T. -0.36 min
 Lab File: BG046165.D
 Acq: 4 Aug 2020 10:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.8	30.1	45.1#
89	1.2	51.4	77.2#
182	0.0	2.3	3.5#

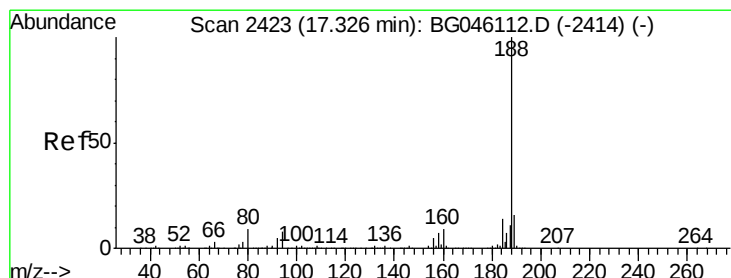
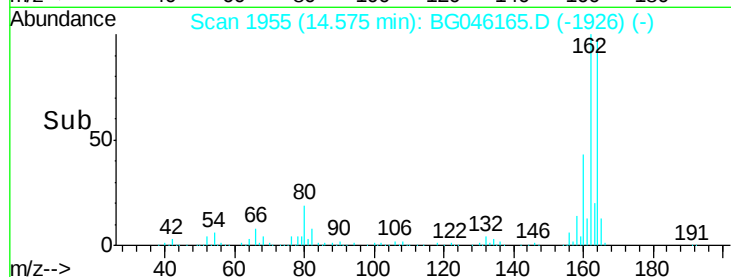
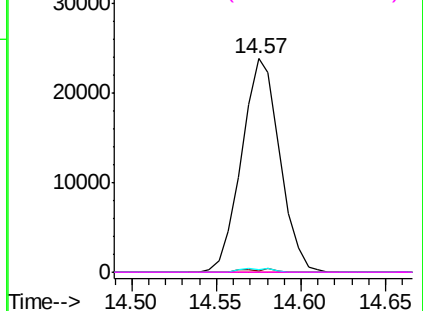


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

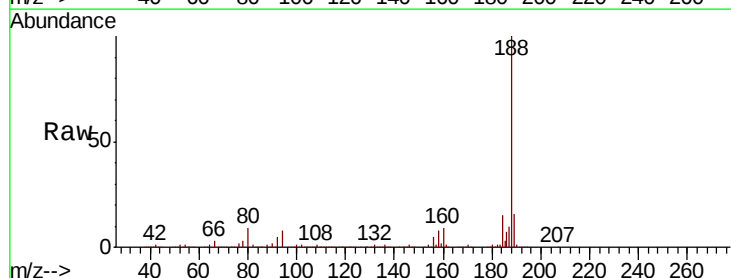
Ion 89.00 (88.70 to 89.70): BGC

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: BG046165.D
 Acq: 4 Aug 2020 10:40

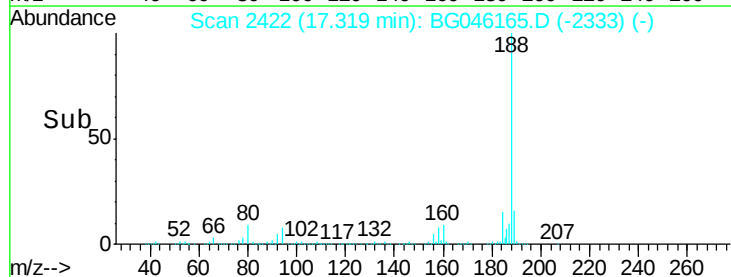
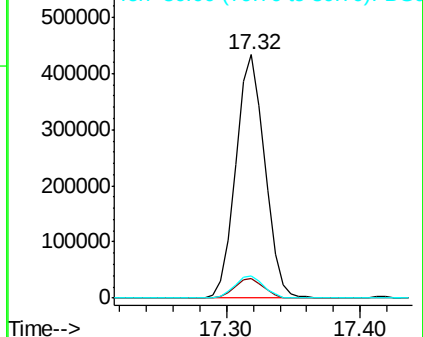
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.4	9.6
80	9.0	7.4	11.0

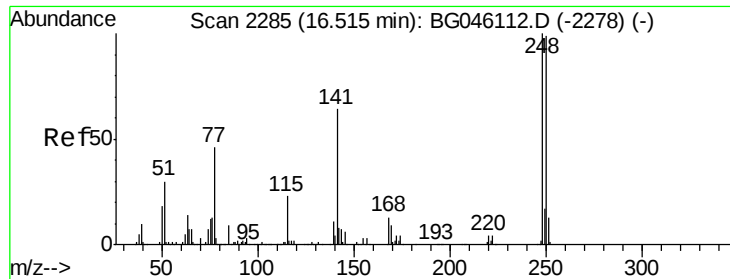


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

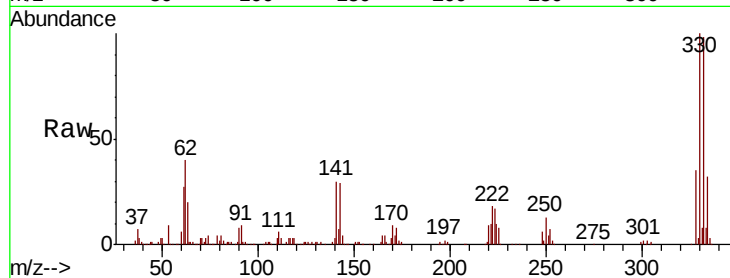




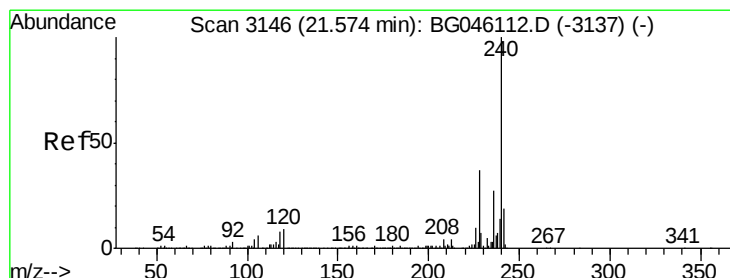
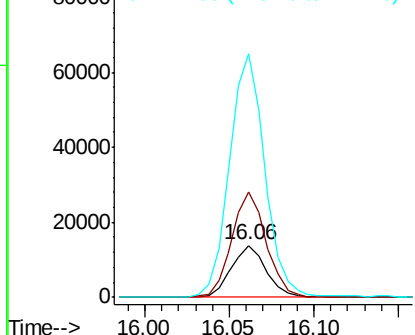
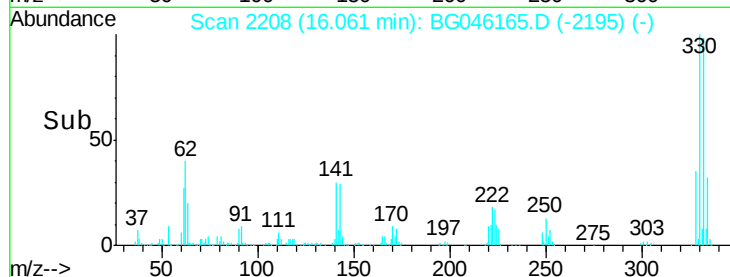
#67
 4-Bromophenyl-phenylether
 Concen: 2.444 ng
 RT: 16.06 min Scan# 2208
 Delta R.T. -0.45 min
 Lab File: BG046165.D
 Acq: 4 Aug 2020 10:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 19730
 Ion Ratio Lower Upper
 248 100
 250 203.3 79.4 119.0#
 141 469.0 50.9 76.3#

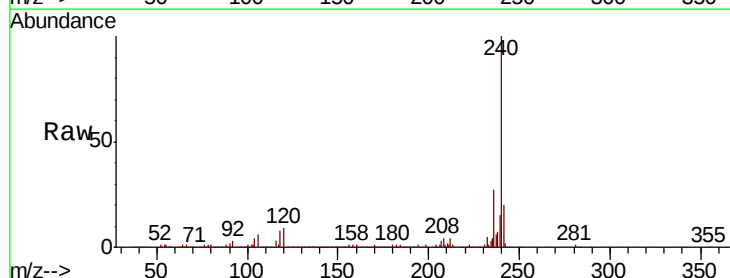


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

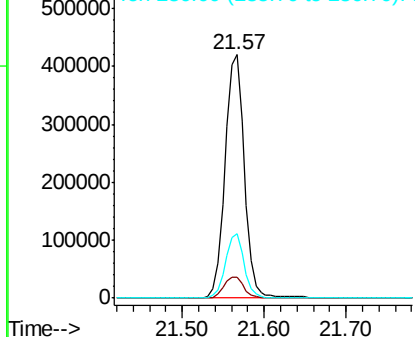
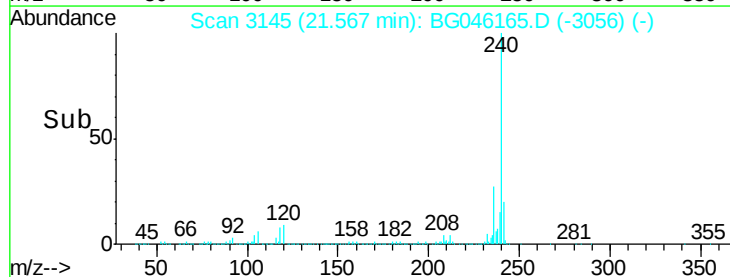


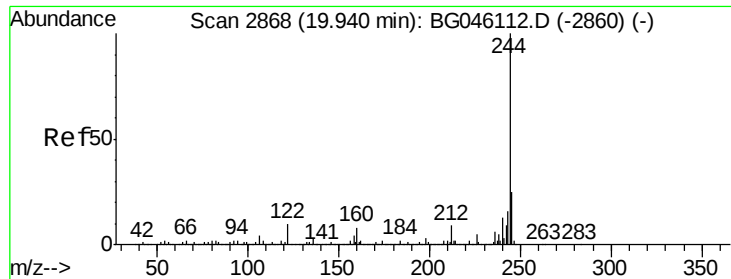
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG046165.D
 Acq: 4 Aug 2020 10:40

Tgt Ion:240 Resp: 692190
 Ion Ratio Lower Upper
 240 100
 120 8.8 7.1 10.7
 236 26.7 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: 50.909 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046165.D

Acq: 4 Aug 2020 10:40

Instrument :

BNA_G

ClientSampleId :

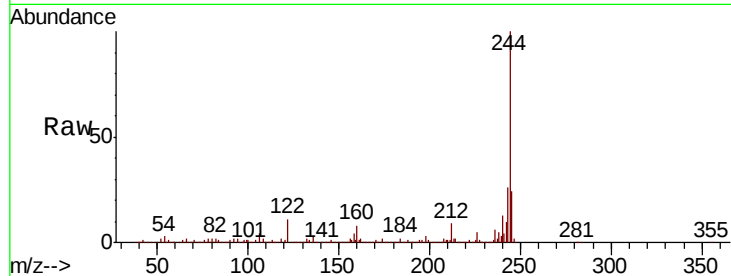
Tot Ion:244 Resp: 1730232

Ion Ratio Lower Upper

244 100

212 8.9 7.2 10.8

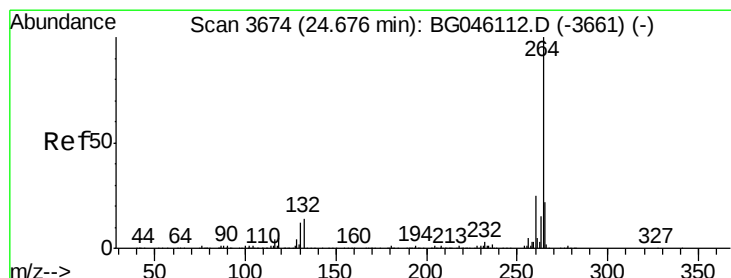
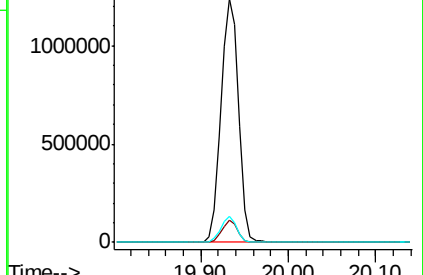
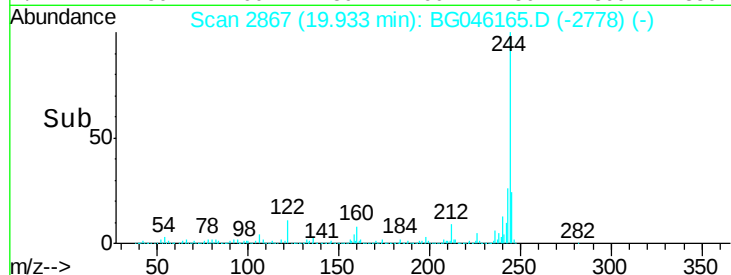
122 10.6 8.3 12.5



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: BG046165.D

Acq: 4 Aug 2020 10:40

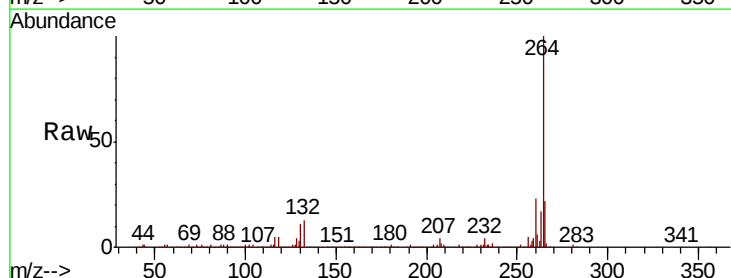
Tgt Ion:264 Resp: 734022

Ion Ratio Lower Upper

264 100

260 23.3 19.7 29.5

265 22.1 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

