

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080320\
 Data File : BG046154.D
 Acq On : 3 Aug 2020 18:02
 Operator : CG/JU
 Sample : PB130683BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130683BL

Quant Time: Aug 03 18:54:16 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

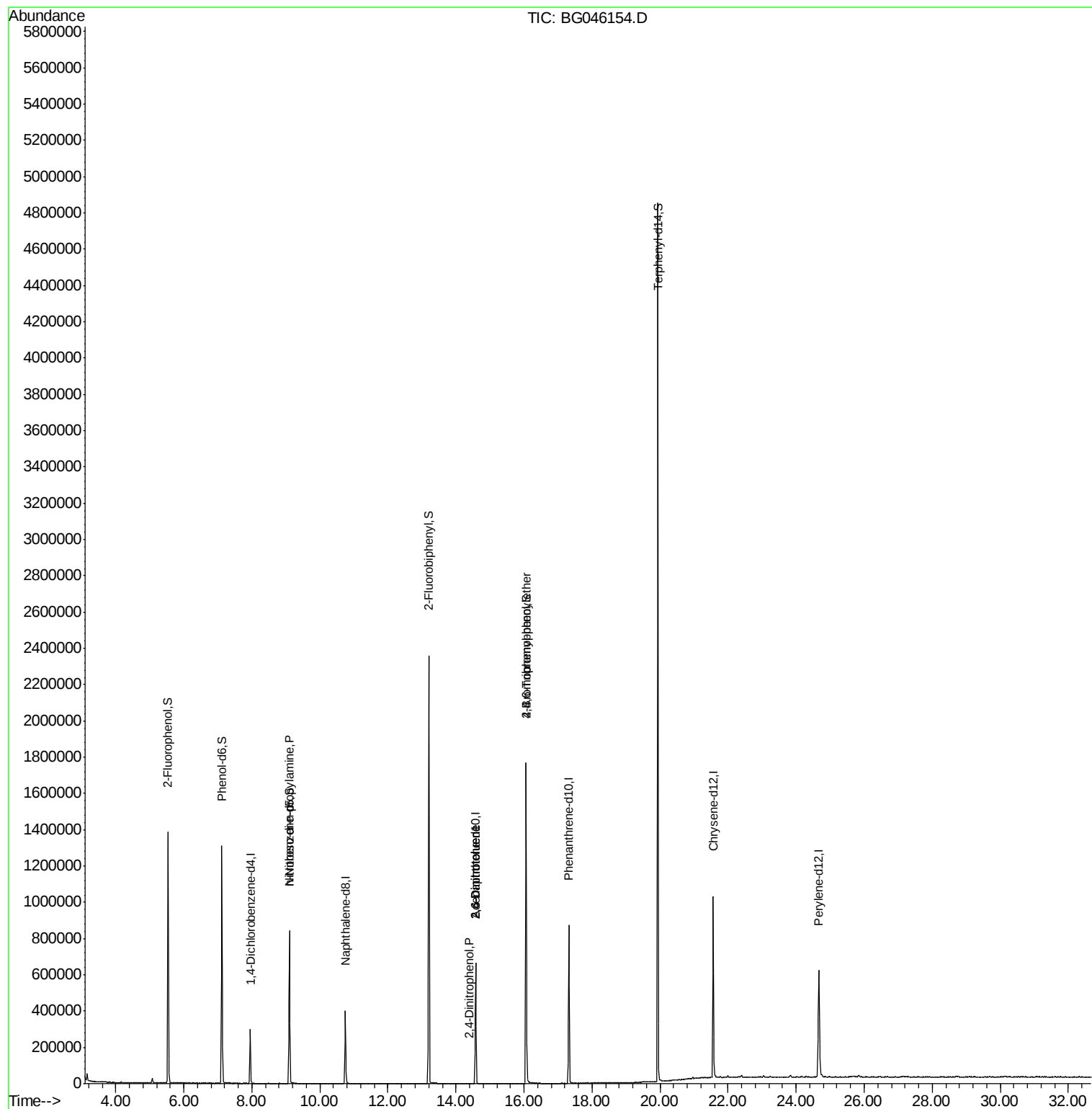
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	89274	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	353560	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	231992	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	559303	20.00	ng	-0.01
76) Chrysene-d12	21.56	240	616105	20.00	ng	-0.01
86) Perylene-d12	24.67	264	631384	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	607109	118.22	ng	0.00
7) Phenol-d6	7.12	99	775963	110.87	ng	0.00
23) Nitrobenzene-d5	9.10	82	525047	80.40	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	387450	108.73	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1260299	78.91	ng	0.00
79) Terphenyl-d14	19.94	244	2016002	66.64	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.10	70	68493	15.037	ng	# 77
51) 2,6-Dinitrotoluene	14.58	165	30003	7.240	ng	# 30
54) 2,4-Dinitrophenol	14.38	184	75	7.093	ng	# 28
57) 2,4-Dinitrotoluene	14.58	165	30003	5.266	ng	# 30
67) 4-Bromophenyl-phenylether	16.06	248	23645	3.422	ng	# 1

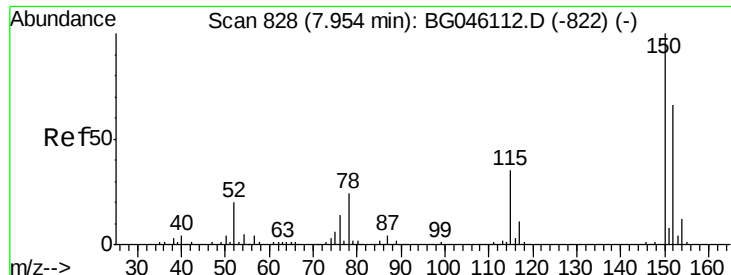
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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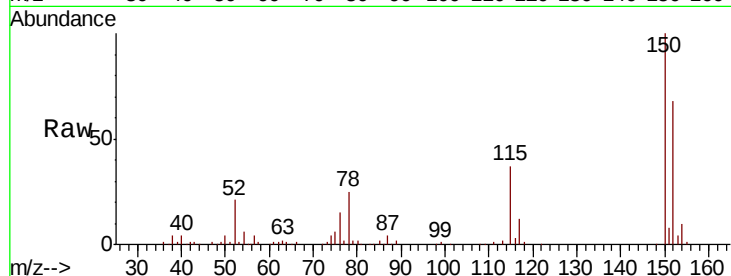


#1

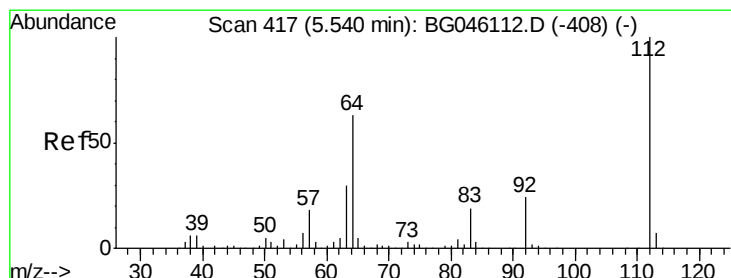
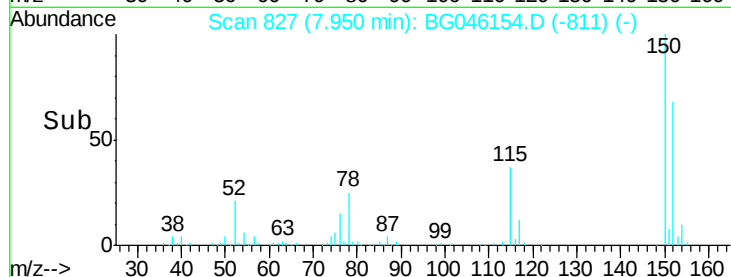
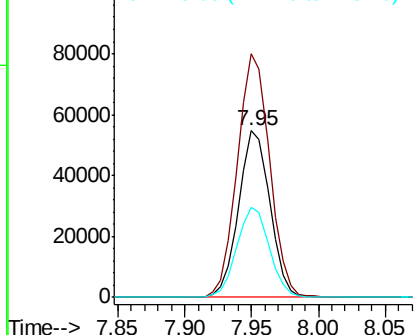
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG046154.D
Acq: 3 Aug 2020 18:02

Instrument :
BNA_G
ClientSampleId :
PB130683BL

Tot Ion:152 Resp: 89274
Ion Ratio Lower Upper
152 100
150 146.0 122.1 183.1
115 54.2 43.2 64.8



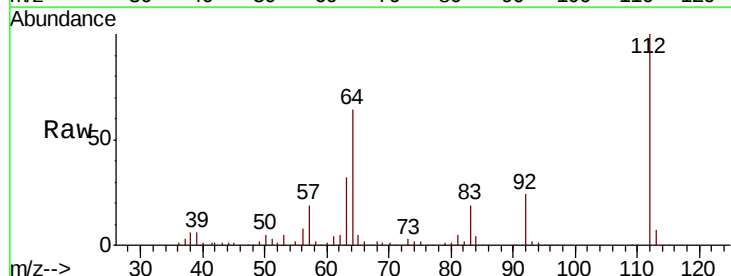
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



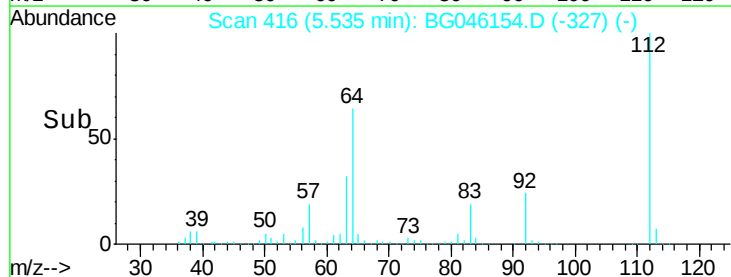
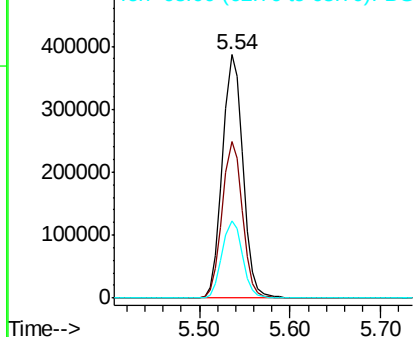
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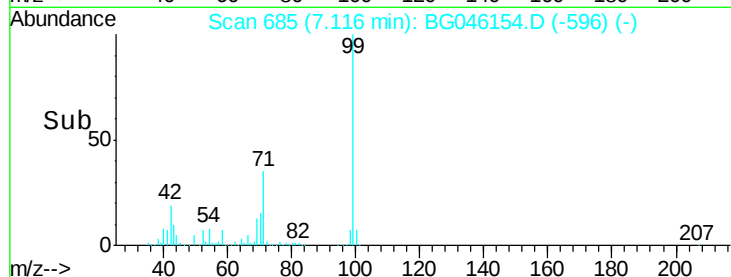
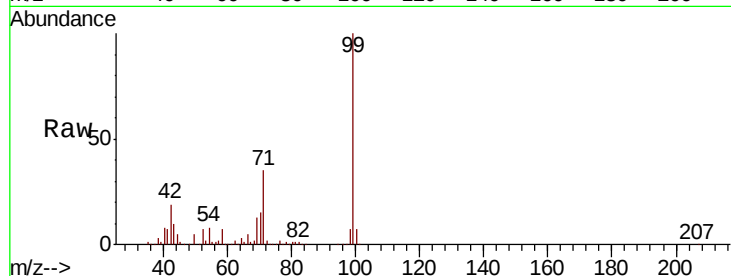
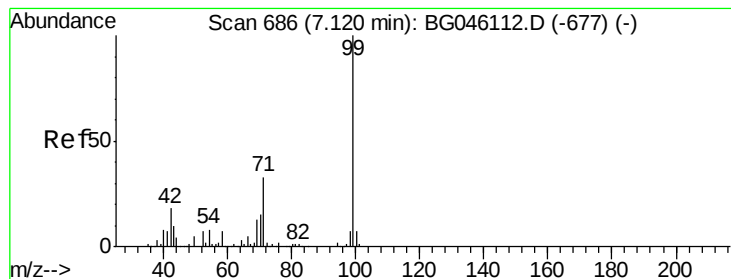
2-Fluorophenol
Concen: 118.218 ng
RT: 5.54 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG046154.D
Acq: 3 Aug 2020 18:02

Tgt Ion:112 Resp: 607109
Ion Ratio Lower Upper
112 100
64 64.1 50.2 75.2
63 31.7 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: 110.868 ng

RT: 7.12 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG046154.D

Acq: 3 Aug 2020 18:02

Instrument :

BNA_G

ClientSampleId :

PB130683BL

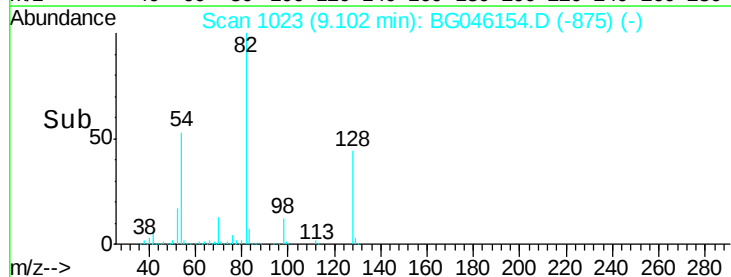
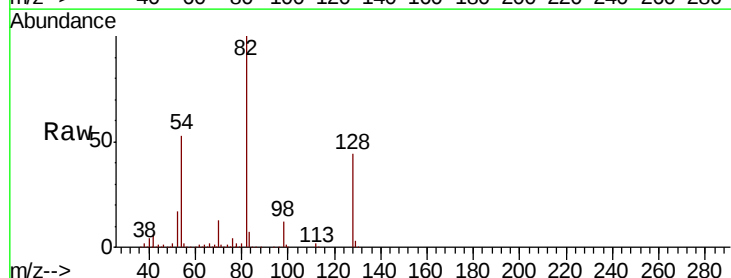
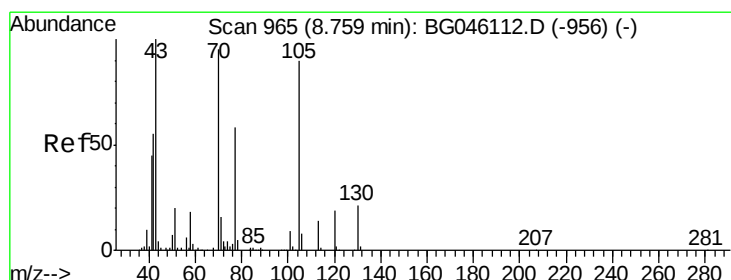
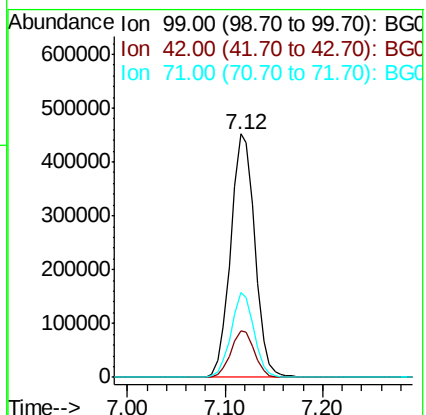
Tot Ion: 99 Resp: 775963

Ion Ratio Lower Upper

99 100

42 19.2 14.7 22.1

71 34.8 26.5 39.7



#19

n-Nitroso-di-n-propylamine

Concen: 15.037 ng

RT: 9.10 min Scan# 1023

Delta R.T. 0.34 min

Lab File: BG046154.D

Acq: 3 Aug 2020 18:02

Tgt Ion: 70 Resp: 68493

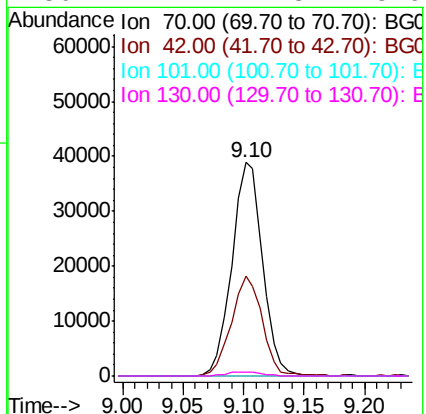
Ion Ratio Lower Upper

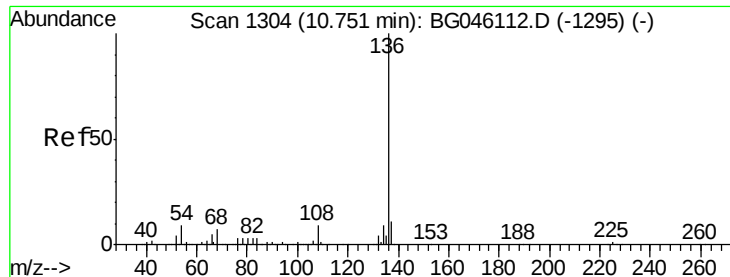
70 100

42 46.8 46.5 69.7

101 0.0 7.6 11.4#

130 1.7 17.3 25.9#

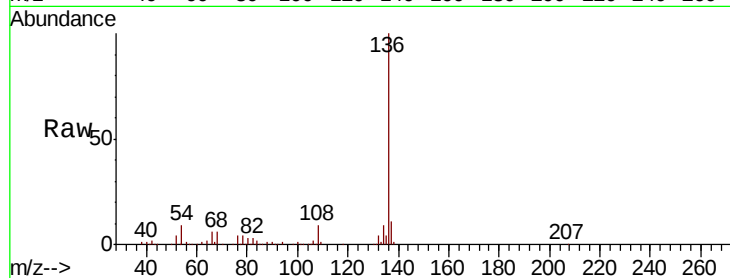




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BG046154.D
Acq: 3 Aug 2020 18:02

Instrument :
BNA_G
ClientSampleId :
PB130683BL

Tot Ion:136	Resp:	353560
Ion Ratio	Lower	Upper
136 100		
137 11.4	8.8	13.2
54 9.2	7.0	10.4
68 6.1	5.3	7.9



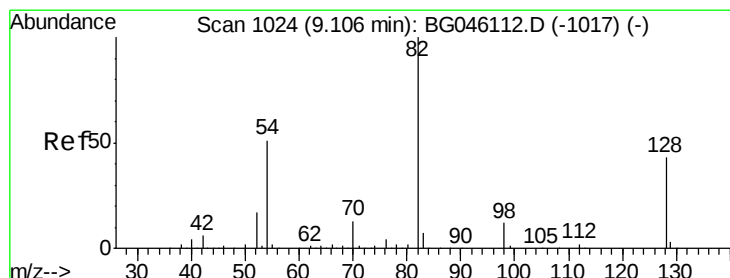
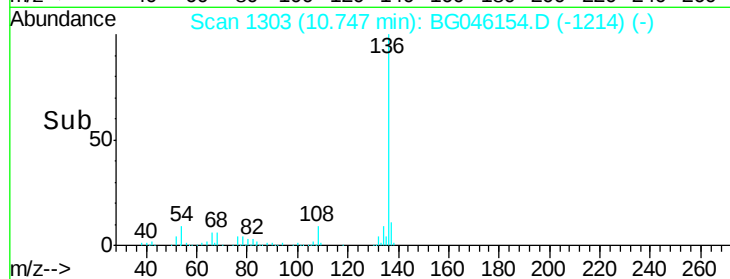
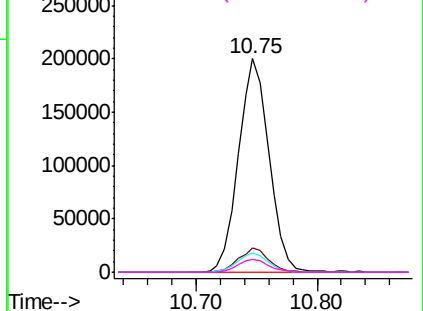
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

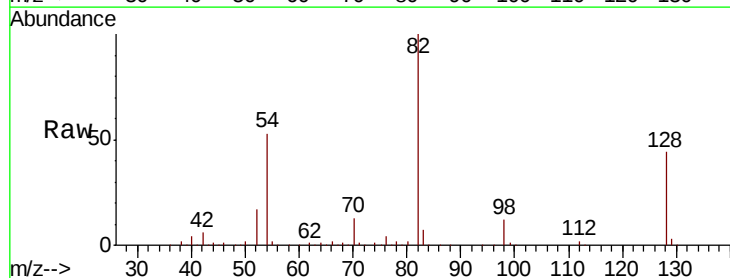
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 80.404 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG046154.D
Acq: 3 Aug 2020 18:02

Tgt	Ion: 82	Resp:	525047
Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.4	51.6
54	53.4	40.8	61.2

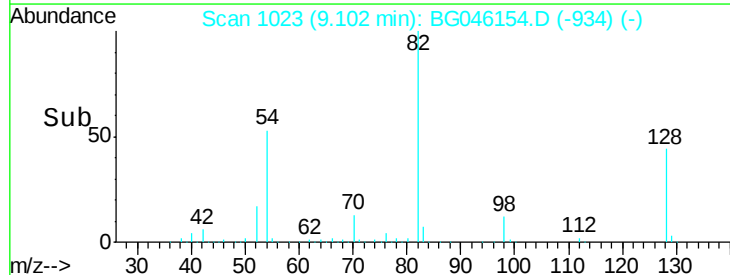
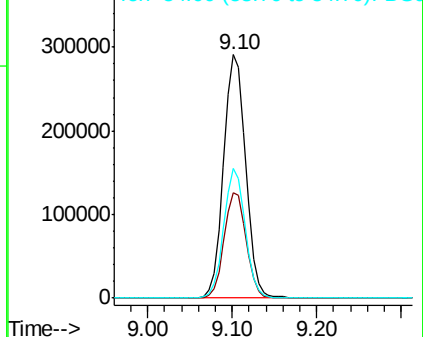


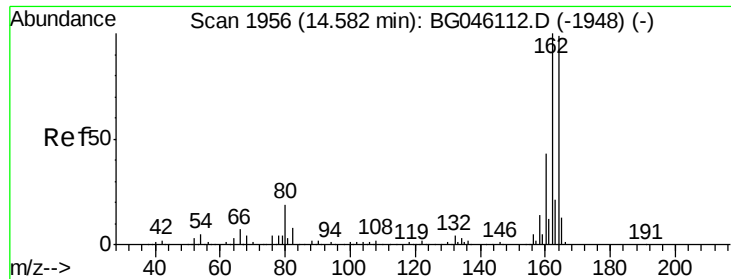
Abundance

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: 14.58 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BG046154.D

Acq: 3 Aug 2020 18:02

Instrument :

BNA_G

ClientSampleId :

PB130683BL

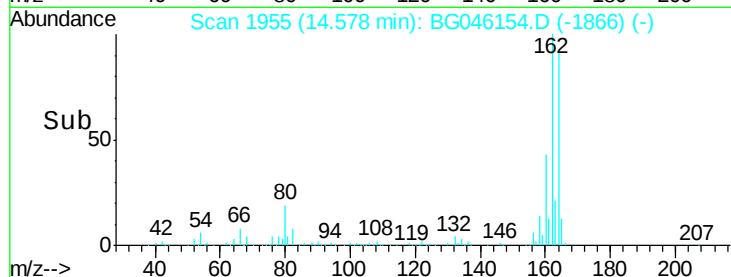
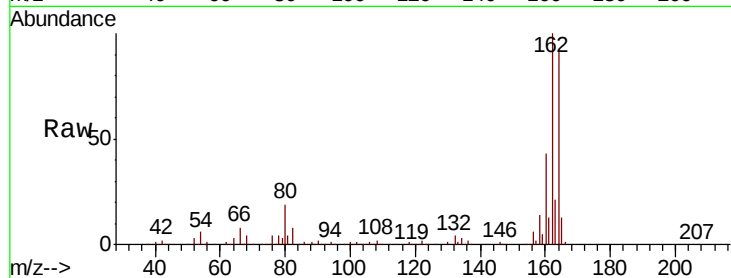
Tot Ion:164 Resp: 231992

Ion Ratio Lower Upper

164 100

162 108.2 80.6 121.0

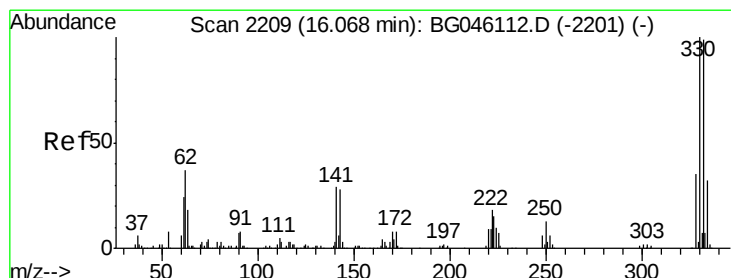
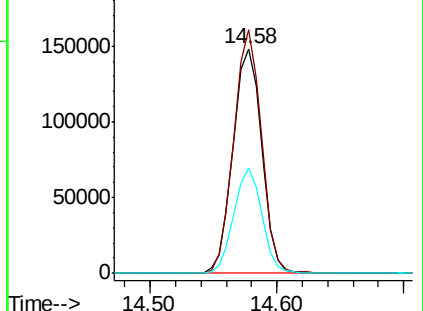
160 46.9 34.9 52.3



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: 108.732 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BG046154.D

Acq: 3 Aug 2020 18:02

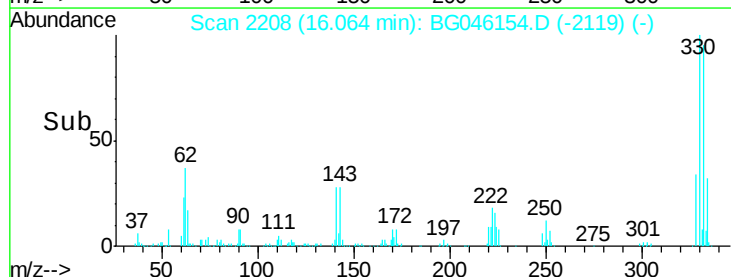
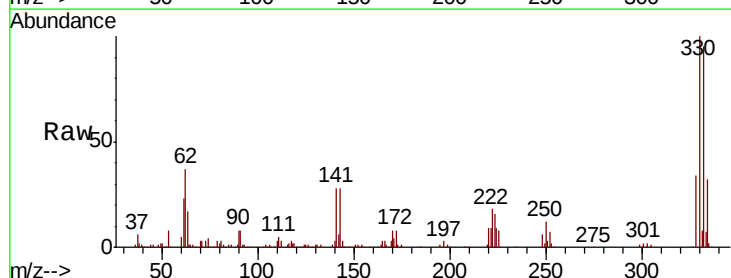
Tgt Ion:330 Resp: 387450

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.2

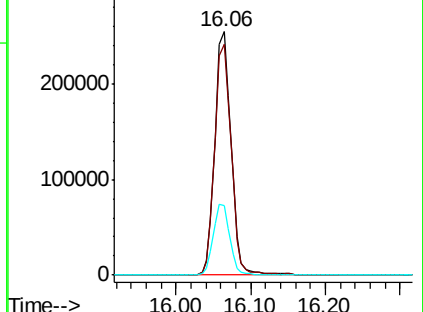
141 29.3 23.4 35.0

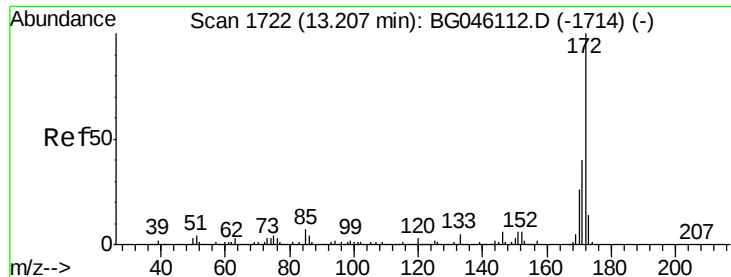


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

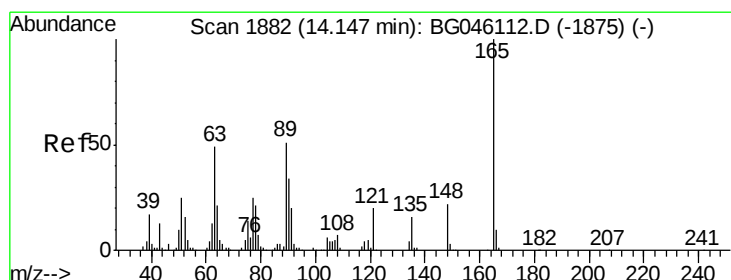
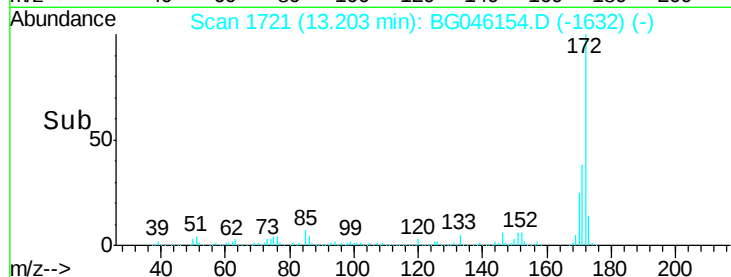
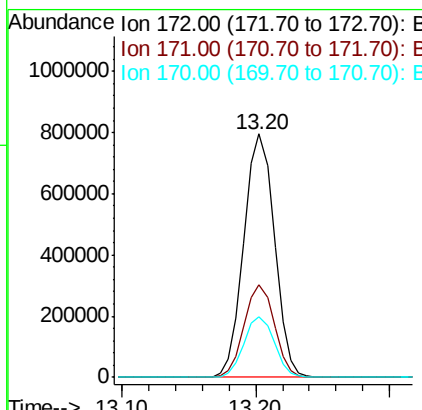
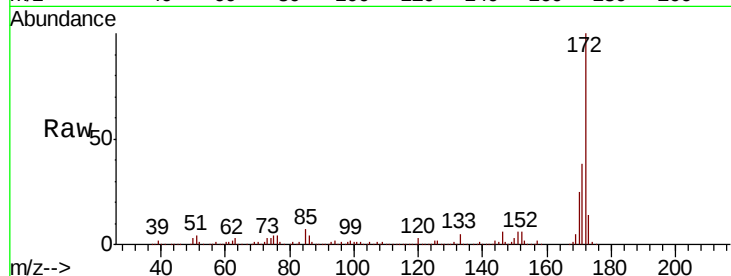




#45
 2-Fluorobiphenyl
 Concen: 78.914 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG046154.D
 Acq: 3 Aug 2020 18:02

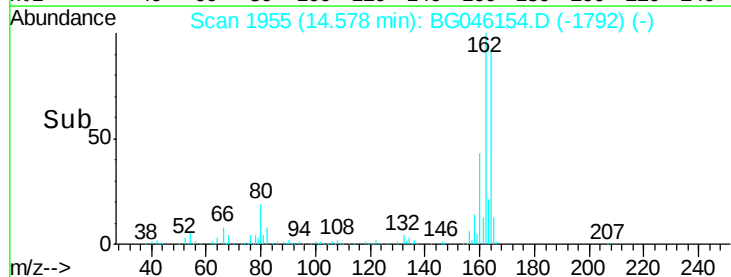
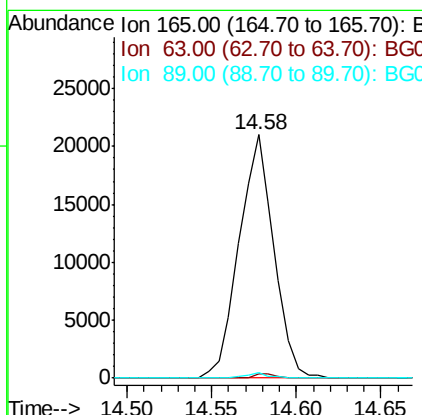
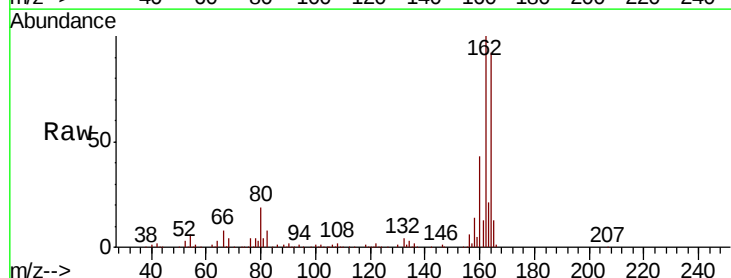
Instrument :
 BNA_G
 ClientSampleId :
 PB130683BL

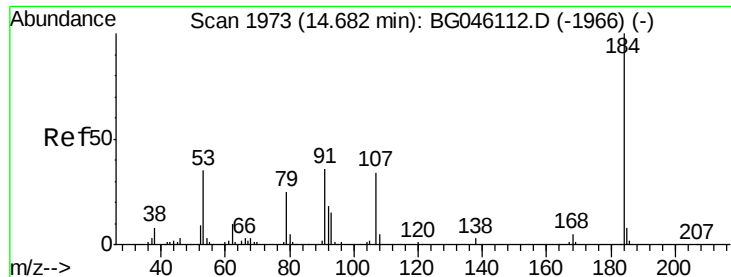
Tot Ion:172 Resp: 1260299
 Ion Ratio Lower Upper
 172 100
 171 38.3 31.7 47.5
 170 24.9 20.9 31.3



#51
 2,6-Dinitrotoluene
 Concen: 7.240 ng
 RT: 14.58 min Scan# 1955
 Delta R.T. 0.43 min
 Lab File: BG046154.D
 Acq: 3 Aug 2020 18:02

Tgt Ion:165 Resp: 30003
 Ion Ratio Lower Upper
 165 100
 63 1.7 39.7 59.5#
 89 2.1 41.0 61.6#





#54

2,4-Dinitrophenol

Concen: 7.093 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.30 min

Lab File: BG046154.D

Acq: 3 Aug 2020 18:02

Instrument :

BNA_G

ClientSampleId :

PB130683BL

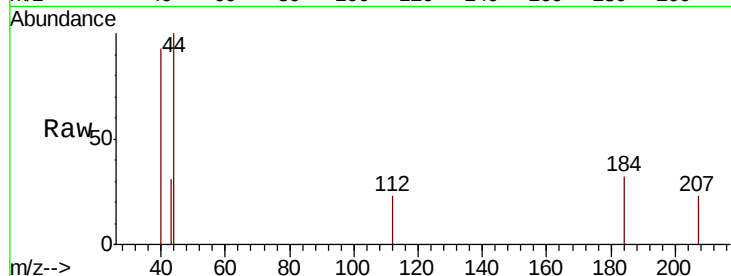
Tot Ion:184 Resp: 75

Ion Ratio Lower Upper

184 100

63 0.0 36.7 55.1#

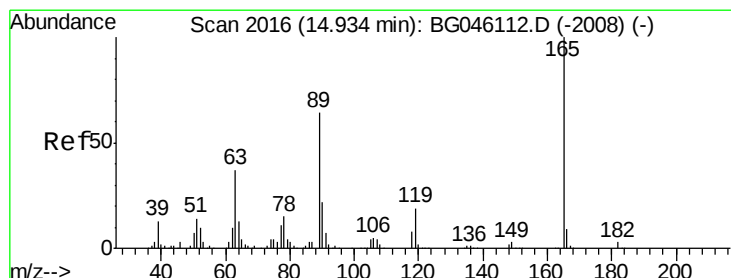
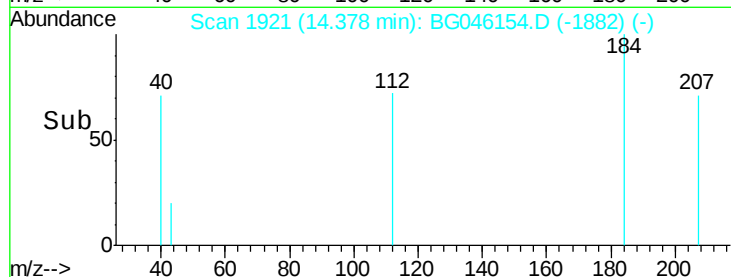
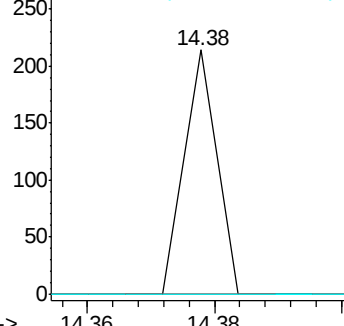
154 0.0 41.3 61.9#



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



#57

2,4-Dinitrotoluene

Concen: 5.266 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.36 min

Lab File: BG046154.D

Acq: 3 Aug 2020 18:02

Tgt Ion:165 Resp: 30003

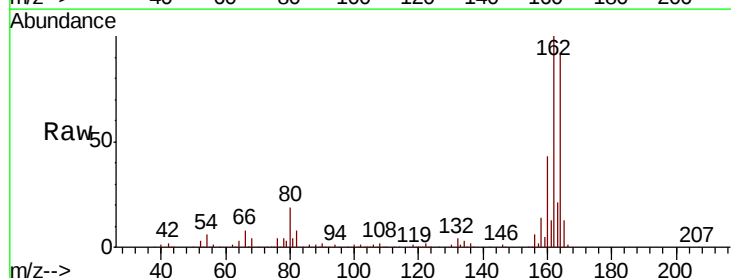
Ion Ratio Lower Upper

165 100

63 1.7 30.1 45.1#

89 2.1 51.4 77.2#

182 0.0 2.3 3.5#

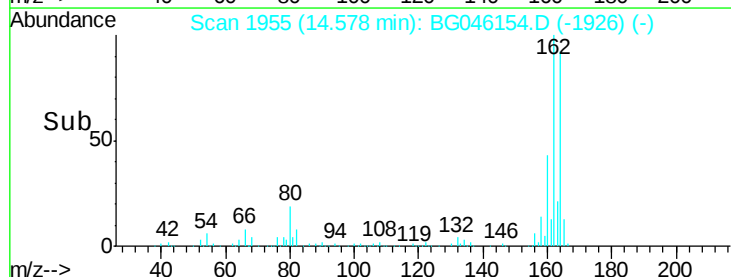
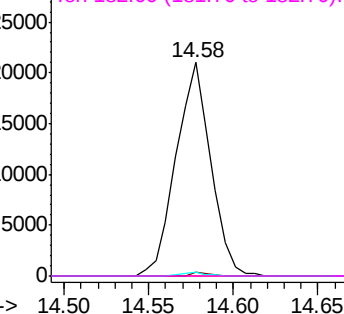


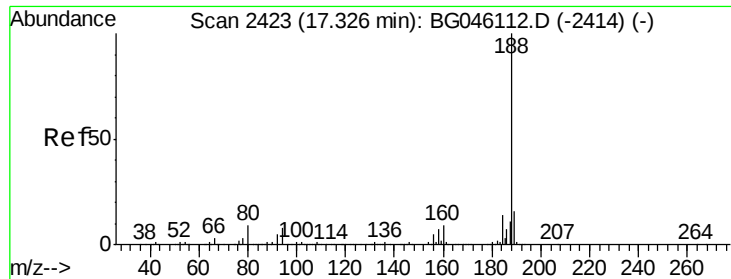
Abundance Ion 165.00 (164.70 to 165.70): E

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# 2421

Delta R.T. -0.01 min

Lab File: BG046154.D

Acq: 3 Aug 2020 18:02

Instrument :

BNA_G

ClientSampleId :

PB130683BL

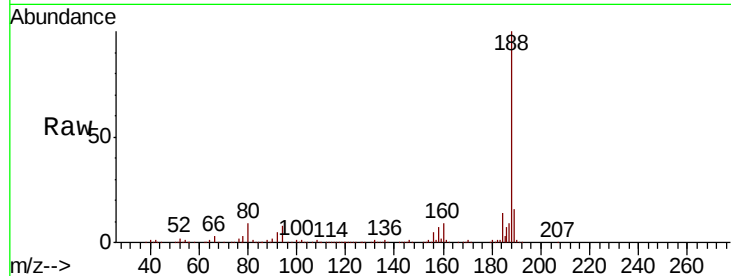
Tot Ion:188 Resp: 559303

Ion Ratio Lower Upper

188 100

94 7.7 6.4 9.6

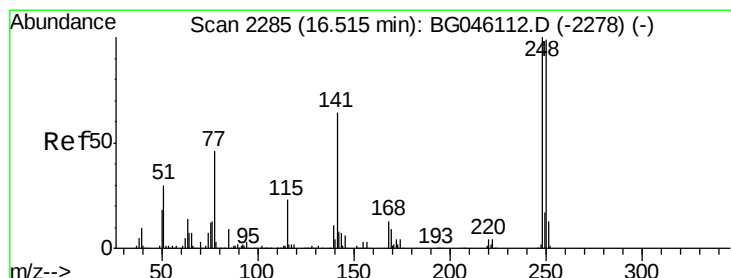
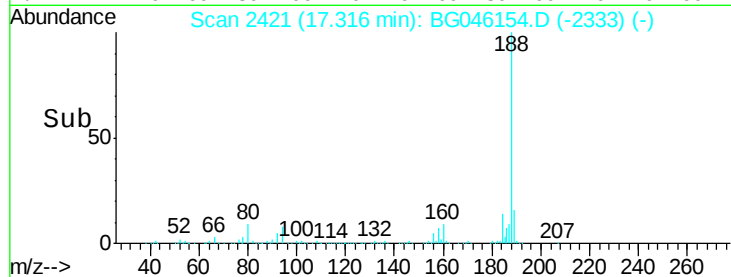
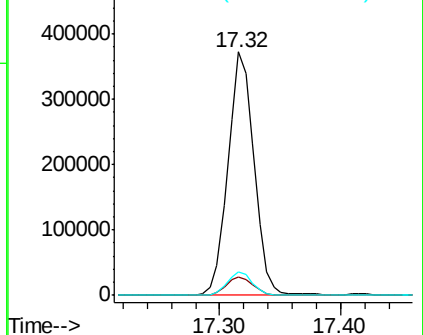
80 9.5 7.4 11.0



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: 3.422 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.45 min

Lab File: BG046154.D

Acq: 3 Aug 2020 18:02

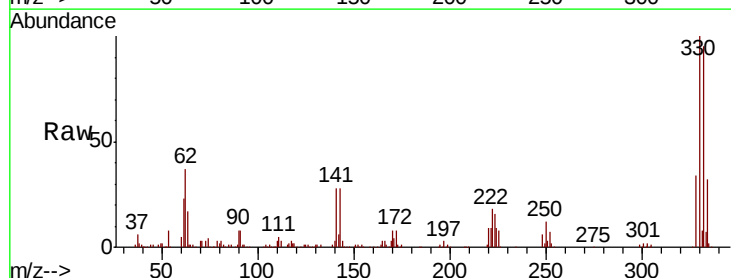
Tgt Ion:248 Resp: 23645

Ion Ratio Lower Upper

248 100

250 199.0 79.4 119.0#

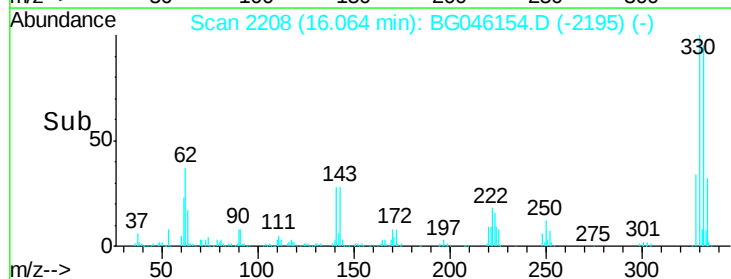
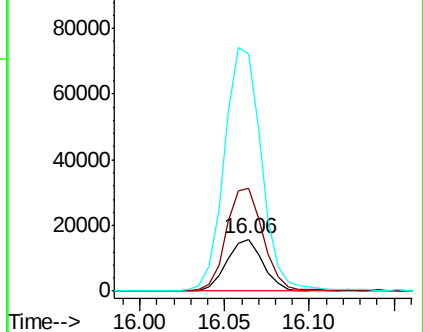
141 457.7 50.9 76.3#

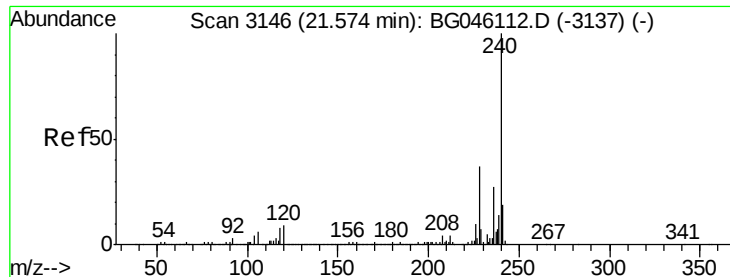


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

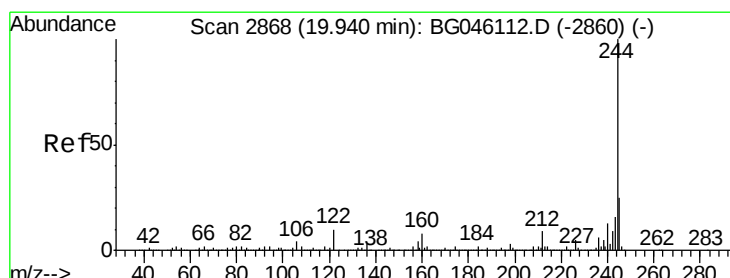
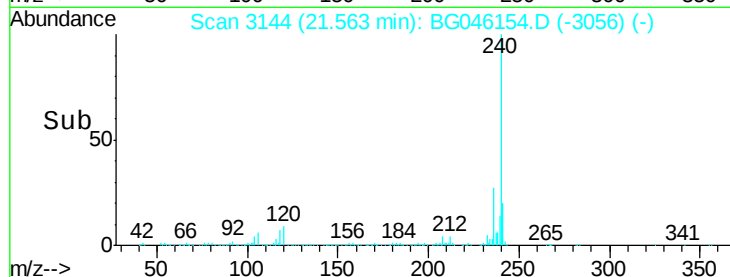
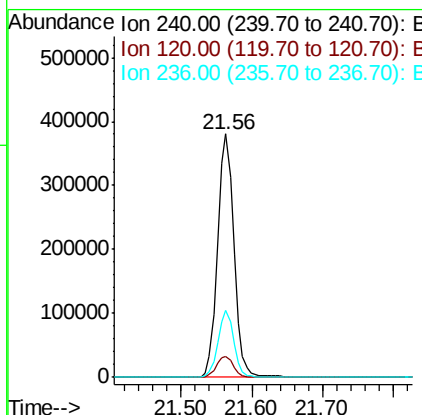
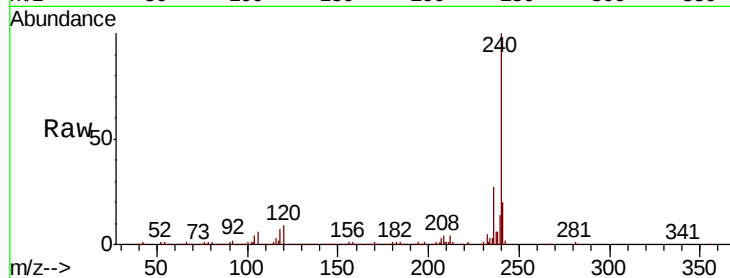




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG046154.D
Acq: 3 Aug 2020 18:02

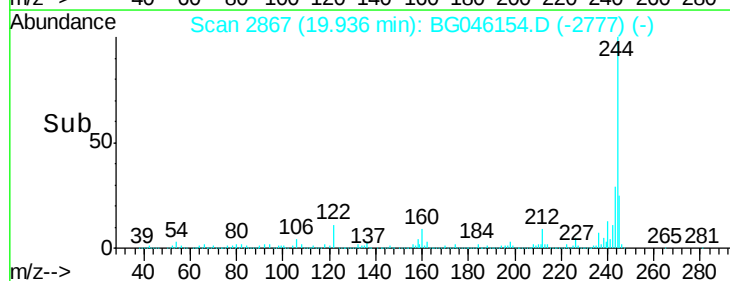
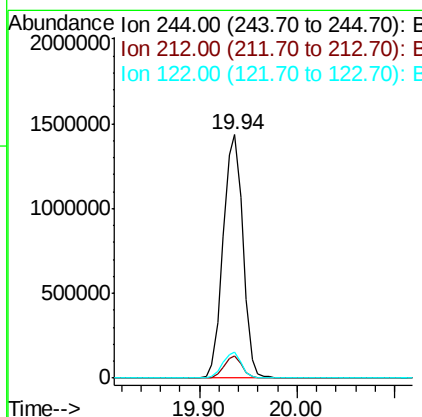
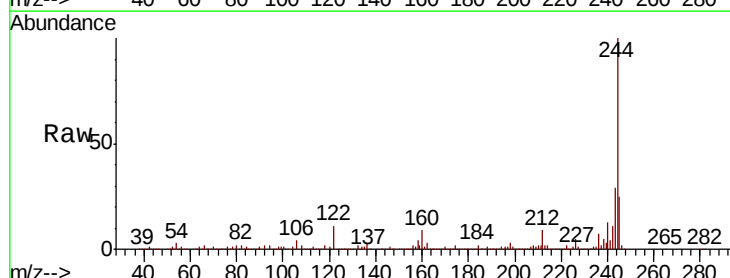
Instrument :
BNA_G
ClientSampleId :
PB130683BL

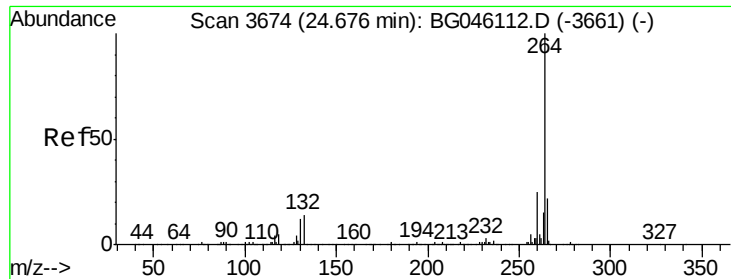
Tot Ion:240 Resp: 616105
Ion Ratio Lower Upper
240 100
120 8.8 7.1 10.7
236 27.3 21.7 32.5



#79
Terphenyl-d14
Concen: 66.642 ng
RT: 19.94 min Scan# 2867
Delta R.T. -0.00 min
Lab File: BG046154.D
Acq: 3 Aug 2020 18:02

Tgt Ion:244 Resp: 2016002
Ion Ratio Lower Upper
244 100
212 9.3 7.2 10.8
122 10.7 8.3 12.5





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3672
Delta R.T. -0.01 min
Lab File: BG046154.D
Acq: 3 Aug 2020 18:02

Instrument :
BNA_G
ClientSampleId :
PB130683BL

Tot Ion: 264 Resp: 631384

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.7	29.5
265	20.7	17.6	26.4

