

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080520\
 Data File : BG046172.D
 Acq On : 5 Aug 2020 13:10
 Operator : CG/JU
 Sample : L3545-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1

Quant Time: Aug 05 13:53:04 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

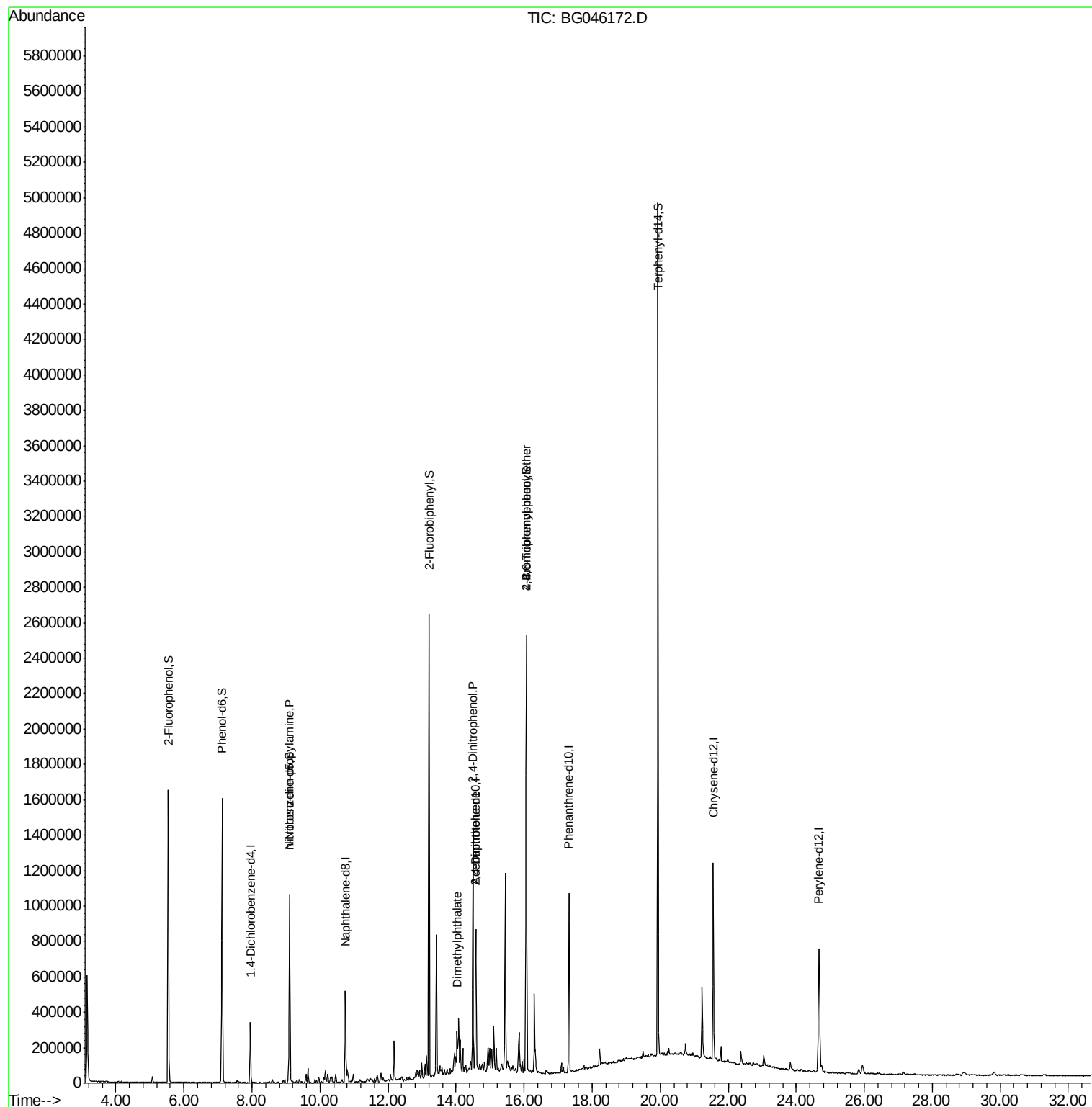
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	105059	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	410154	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	270317	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	649078	20.00	ng	0.00
76) Chrysene-d12	21.56	240	689877	20.00	ng	-0.01
86) Perylene-d12	24.67	264	756407	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	741863	122.75	ng	0.00
7) Phenol-d6	7.12	99	978445	118.79	ng	0.00
23) Nitrobenzene-d5	9.10	82	654837	86.44	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	532264	128.19	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1445785	77.69	ng	0.00
79) Terphenyl-d14	19.93	244	2011271	59.38	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.10	70	84589	15.780	ng	Qvalue # 78
50) Dimethylphthalate	14.03	163	150784	7.268	ng	99
54) 2,4-Dinitrophenol	14.49	184	221	7.132	ng	# 1
57) 2,4-Dinitrotoluene	14.58	165	36734	5.533	ng	# 29
67) 4-Bromophenyl-phenylether	16.07	248	32052	3.997	ng	# 1

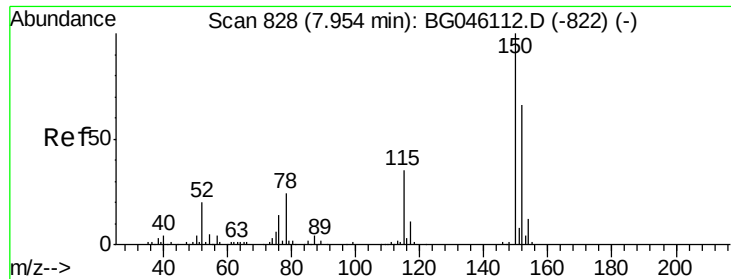
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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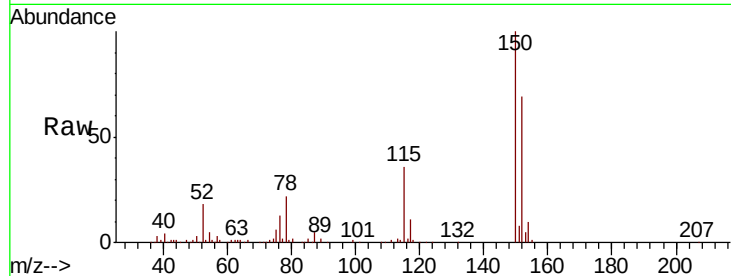


#1

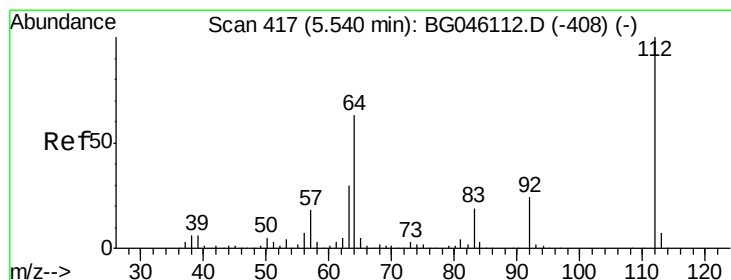
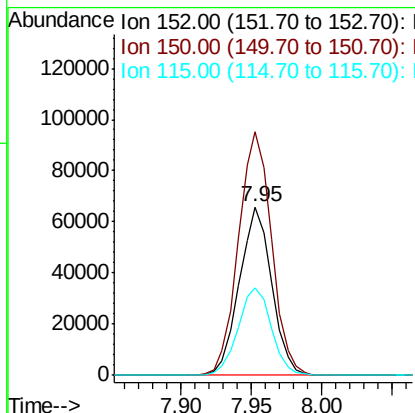
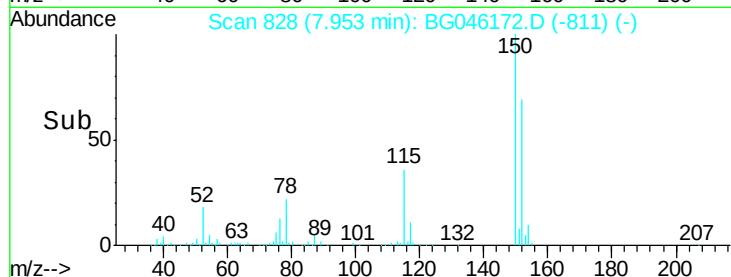
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046172.D
Acq: 5 Aug 2020 13:10

Instrument :
BNA_G
ClientSampleId :
SB-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.8	122.1	183.1
115	52.0	43.2	64.8



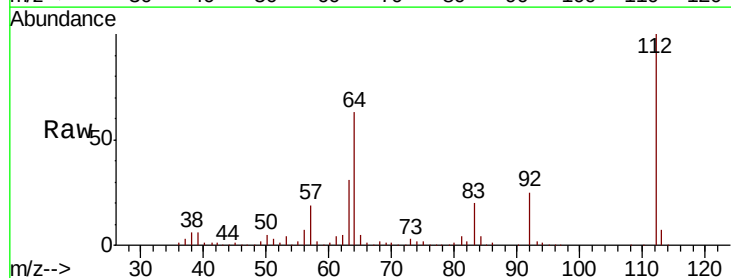
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



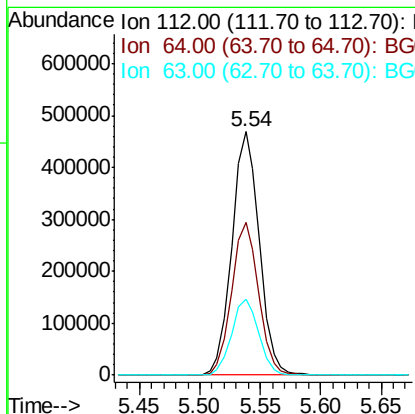
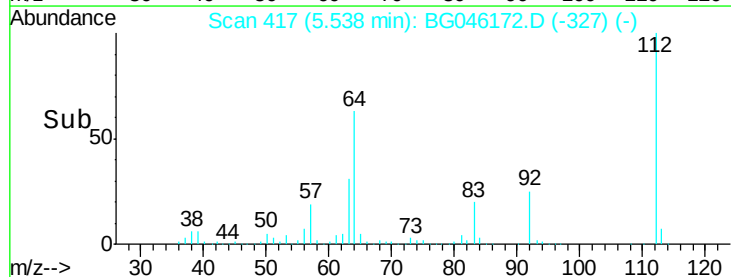
#5

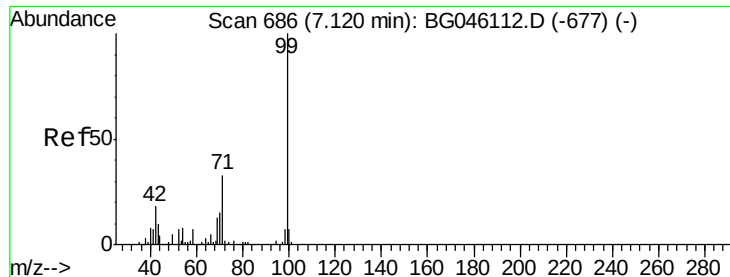
2-Fluorophenol
Concen: 122.753 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG046172.D
Acq: 5 Aug 2020 13:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	50.2	75.2
63	31.2	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: 118.793 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046172.D

Acq: 5 Aug 2020 13:10

Instrument :

BNA_G

ClientSampleId :

SB-1

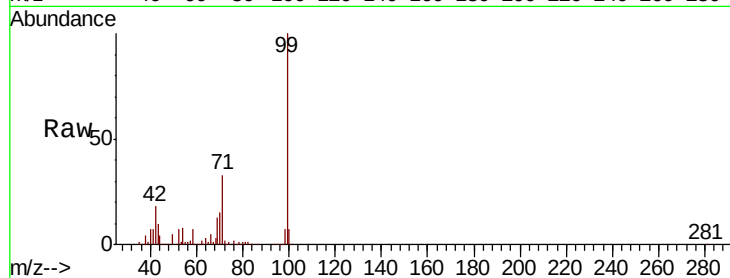
Tot Ion: 99 Resp: 978445

Ion Ratio Lower Upper

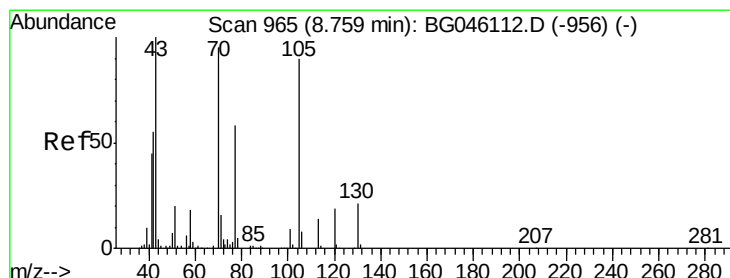
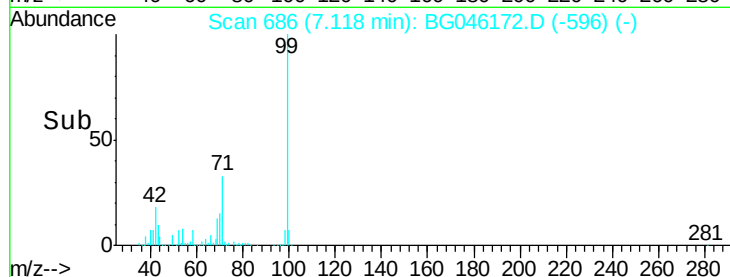
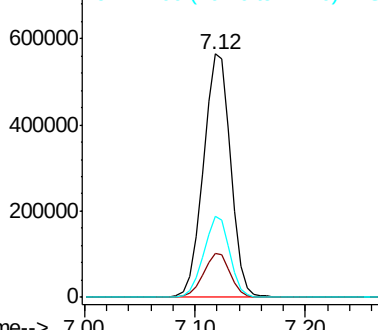
99 100

42 18.0 14.7 22.1

71 33.3 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: 15.780 ng

RT: 9.10 min Scan# 1024

Delta R.T. 0.34 min

Lab File: BG046172.D

Acq: 5 Aug 2020 13:10

Tgt Ion: 70 Resp: 84589

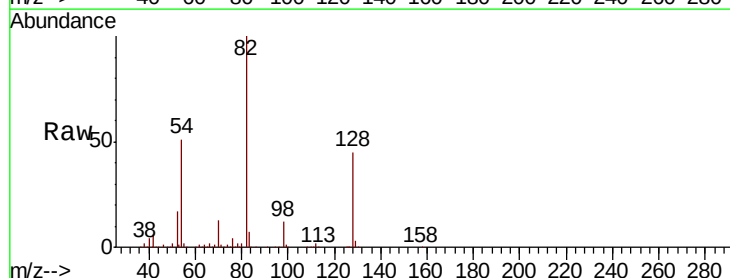
Ion Ratio Lower Upper

70 100

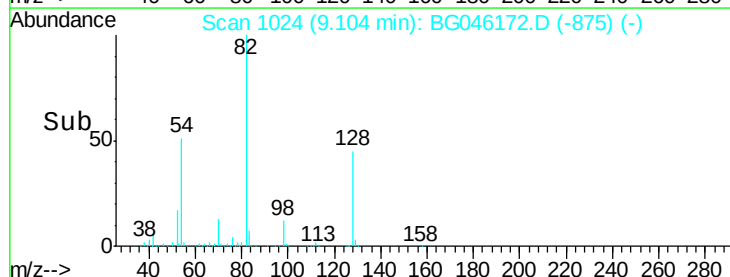
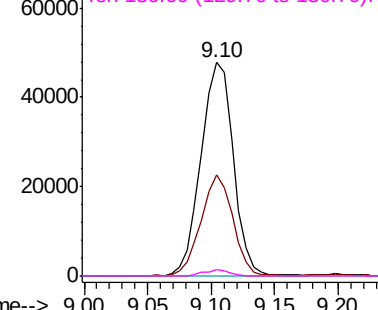
42 47.5 46.5 69.7

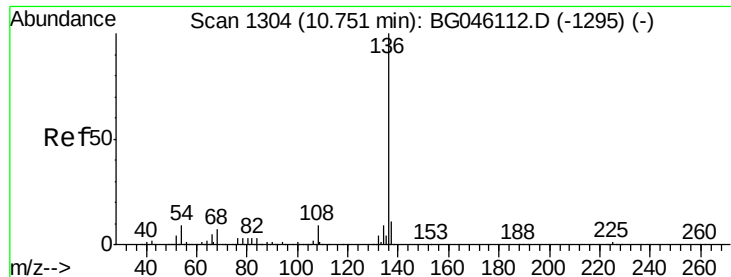
101 0.0 7.6 11.4#

130 2.9 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

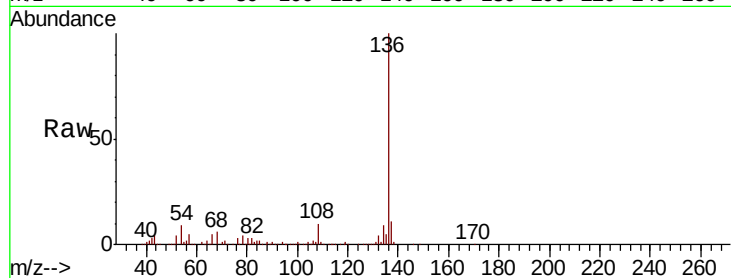




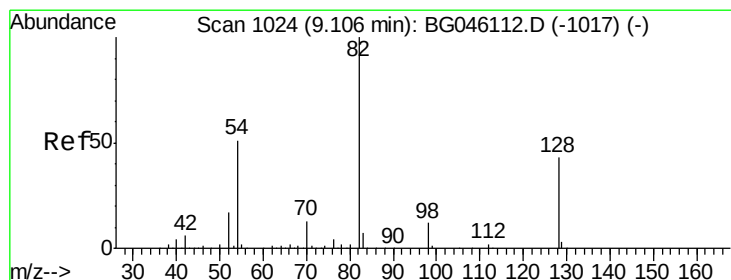
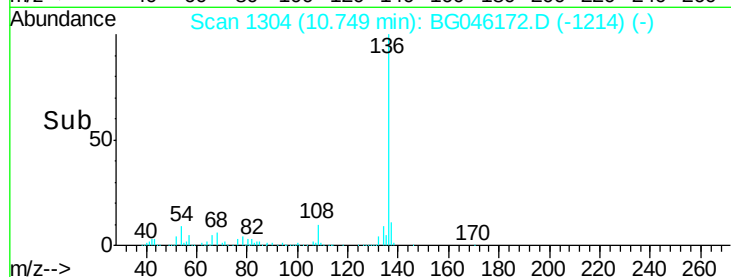
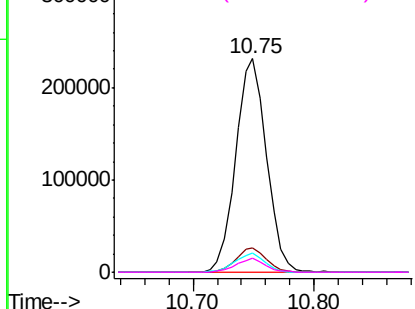
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG046172.D
Acq: 5 Aug 2020 13:10

Instrument :
BNA_G
ClientSampleId :
SB-1

Tot Ion:136	Resp:	410154
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.8	13.2
54 9.0	7.0	10.4
68 6.4	5.3	7.9

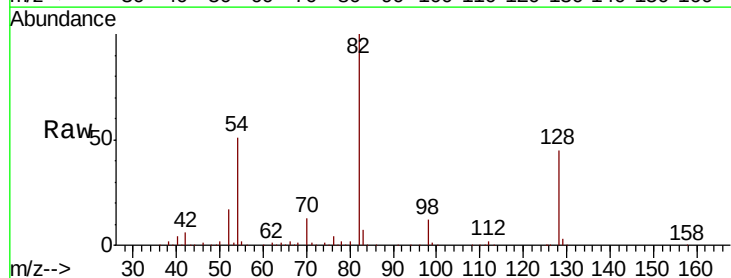


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

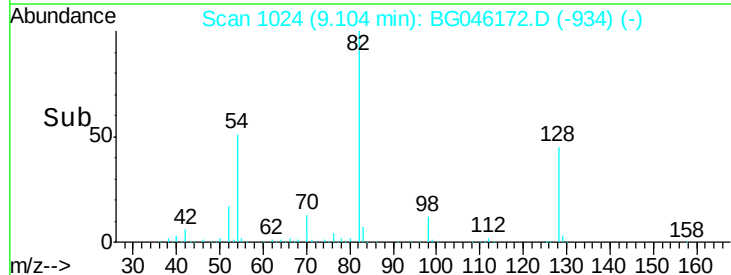
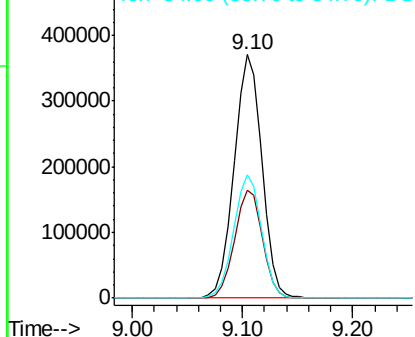


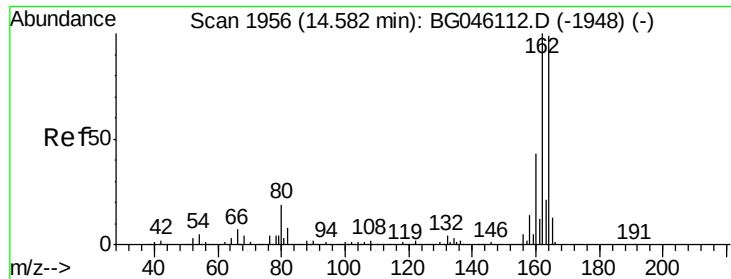
#23
Nitrobenzene-d5
Concen: 86.442 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046172.D
Acq: 5 Aug 2020 13:10

Tgt	Ion: 82	Resp:	654837
Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.4	51.6
54	50.7	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# 1956

Delta R.T. -0.00 min

Lab File: BG046172.D

Acq: 5 Aug 2020 13:10

Instrument :

BNA_G

ClientSampleId :

SB-1

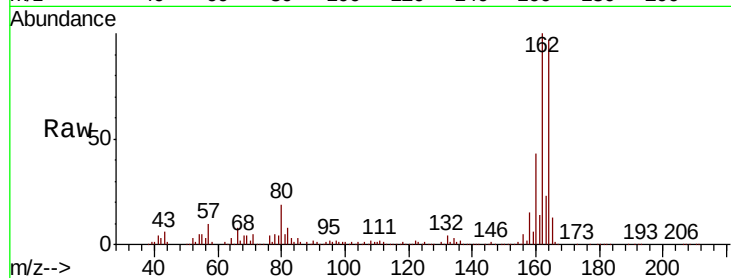
Tot Ion:164 Resp: 270317

Ion Ratio Lower Upper

164 100

162 103.1 80.6 121.0

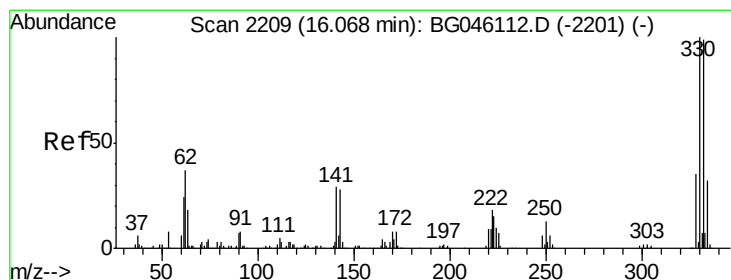
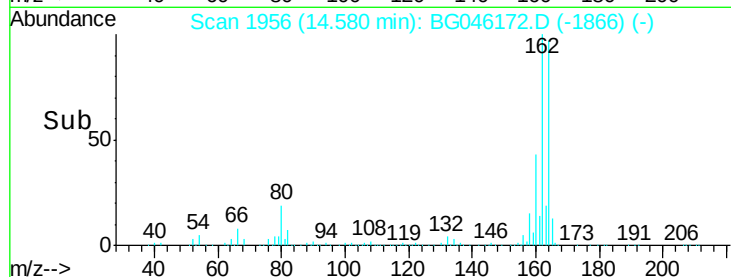
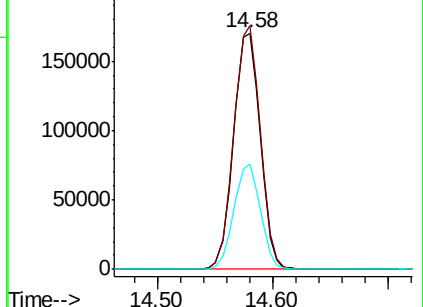
160 44.4 34.9 52.3



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: 128.194 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG046172.D

Acq: 5 Aug 2020 13:10

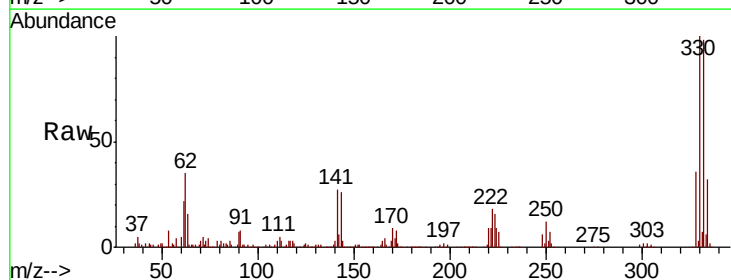
Tgt Ion:330 Resp: 532264

Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.2

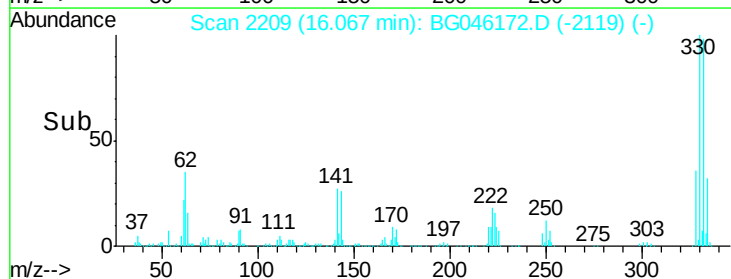
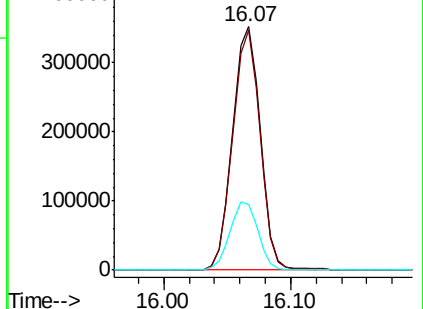
141 28.0 23.4 35.0

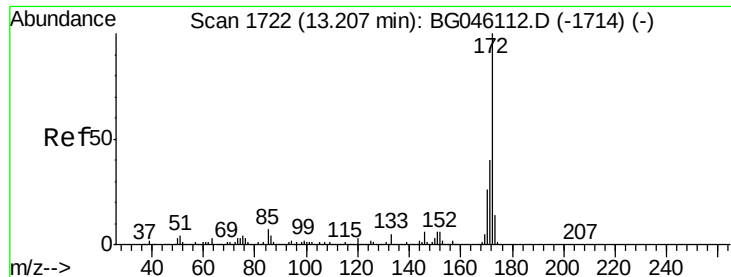


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

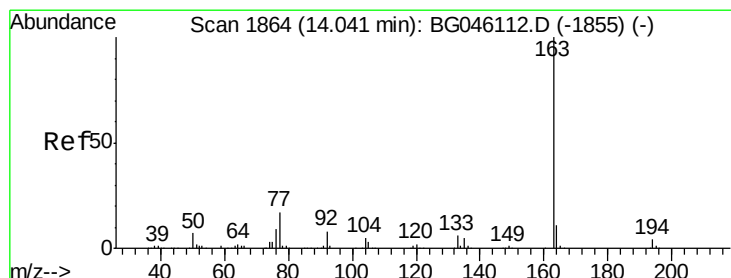
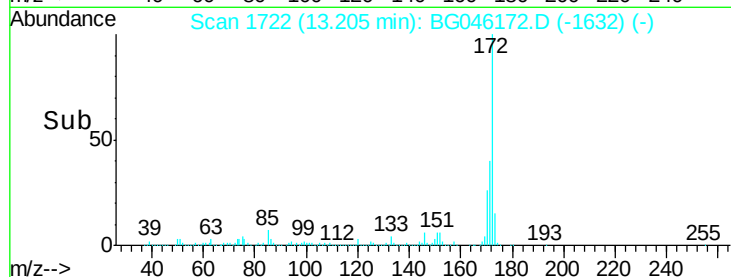
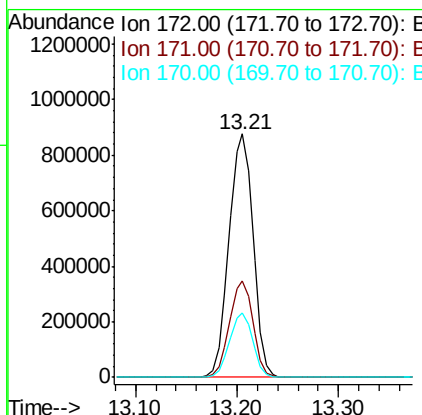
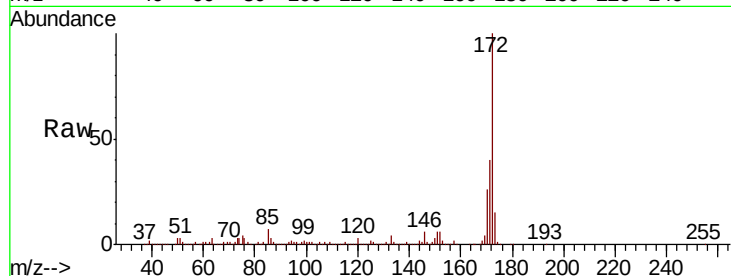




#45
2-Fluorobiphenyl
Concen: 77.694 ng
RT: 13.21 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BG046172.D
Acq: 5 Aug 2020 13:10

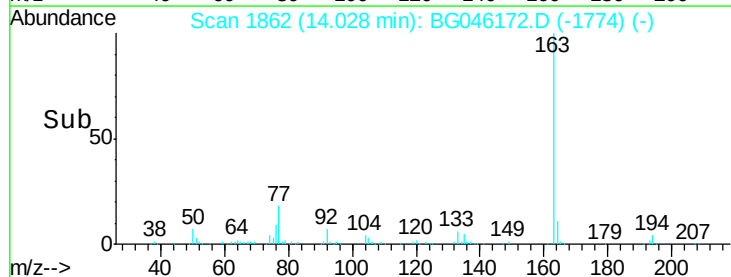
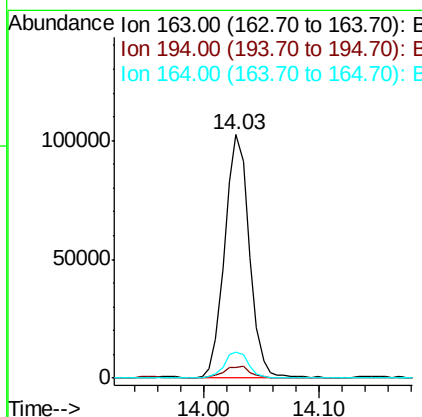
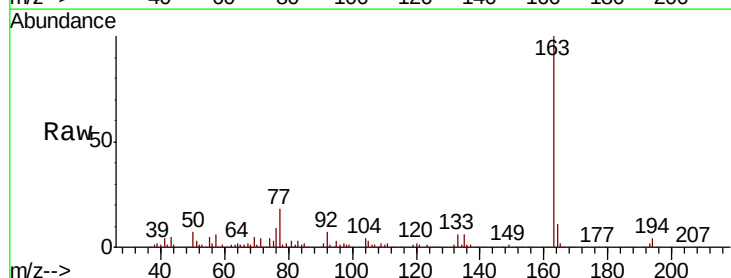
Instrument :
BNA_G
ClientSampled :
SB-1

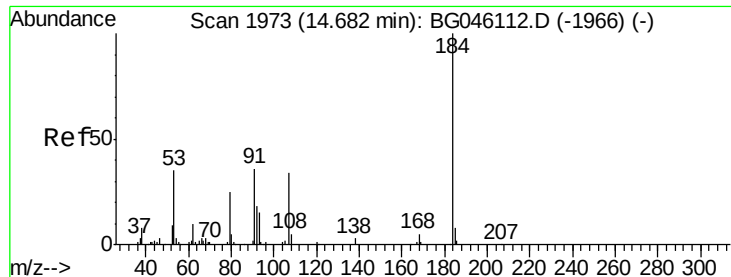
Tot Ion:172 Resp: 1445785
Ion Ratio Lower Upper
172 100
171 39.6 31.7 47.5
170 26.4 20.9 31.3



#50
Dimethylphthalate
Concen: 7.268 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG046172.D
Acq: 5 Aug 2020 13:10

Tgt Ion:163 Resp: 150784
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.6 8.8 13.2





#54

2,4-Dinitrophenol

Concen: 7.132 ng

RT: 14.49 min Scan# 1941

Delta R.T. -0.19 min

Lab File: BG046172.D

Acq: 5 Aug 2020 13:10

Instrument :

BNA_G

ClientSampleId :

SB-1

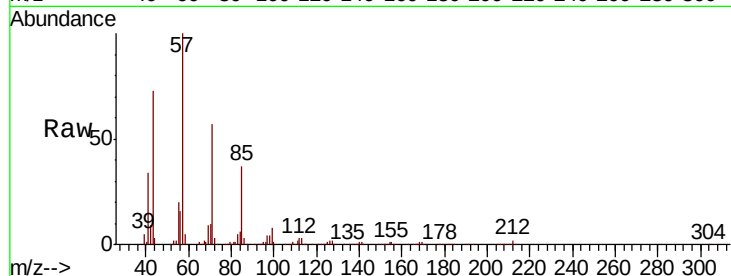
Tot Ion:184 Resp: 221

Ion Ratio Lower Upper

184 100

63 0.0 36.7 55.1#

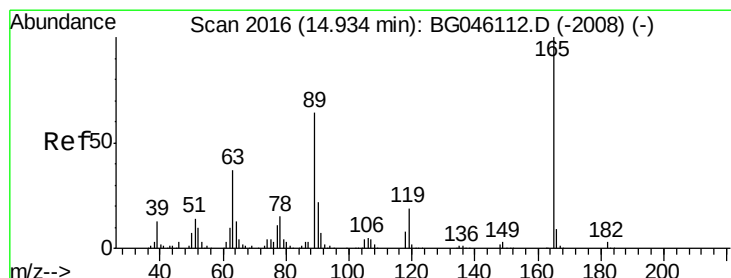
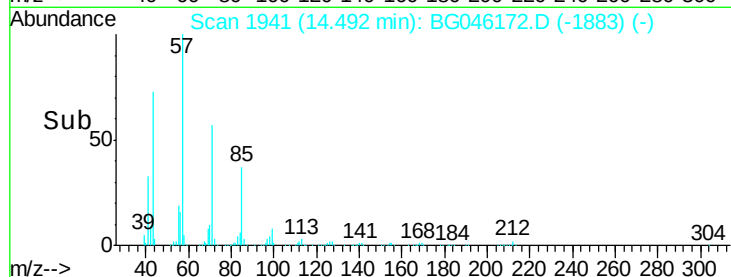
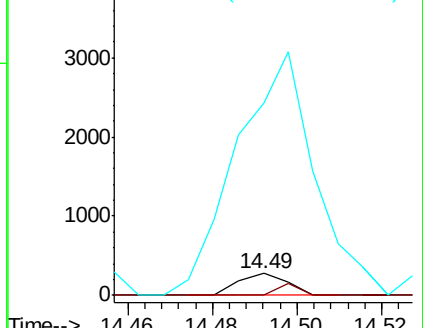
154 879.3 41.3 61.9#



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: 5.533 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.35 min

Lab File: BG046172.D

Acq: 5 Aug 2020 13:10

Tgt Ion:165 Resp: 36734

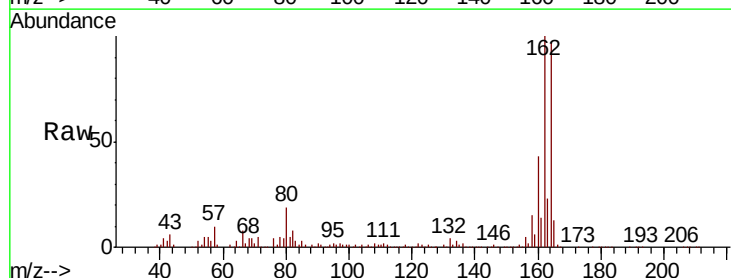
Ion Ratio Lower Upper

165 100

63 1.4 30.1 45.1#

89 1.7 51.4 77.2#

182 1.9 2.3 3.5#

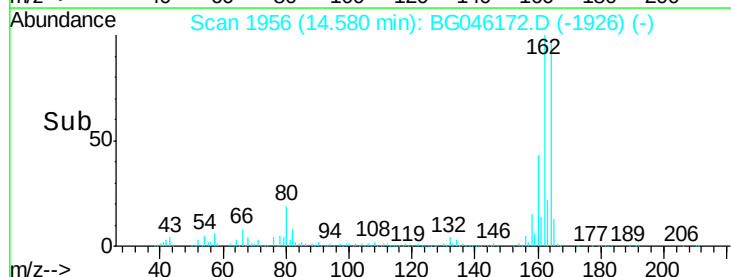
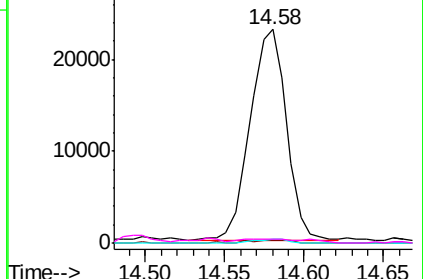


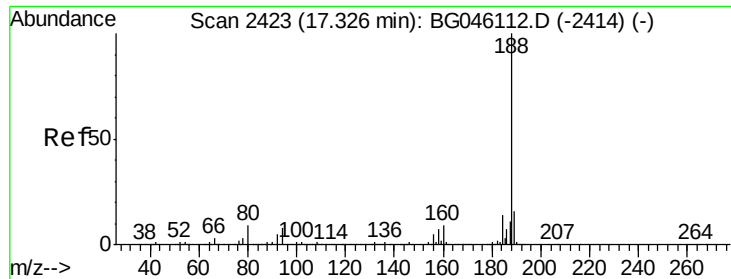
Abundance Ion 165.00 (164.70 to 165.70): E

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: BG046172.D

Acq: 5 Aug 2020 13:10

Instrument :

BNA_G

ClientSampleId :

SB-1

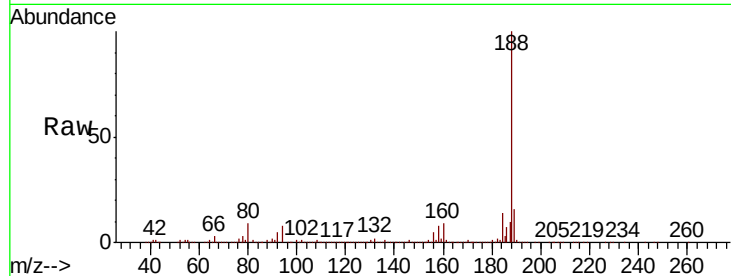
Tot Ion:188 Resp: 649078

Ion Ratio Lower Upper

188 100

94 7.8 6.4 9.6

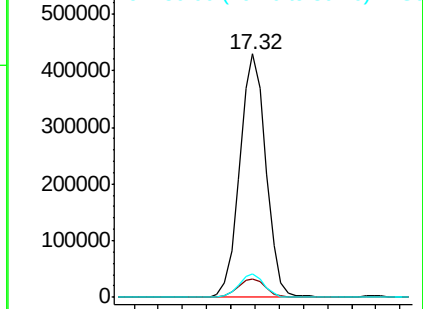
80 9.5 7.4 11.0



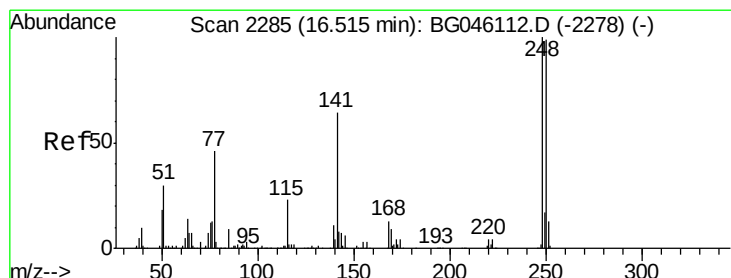
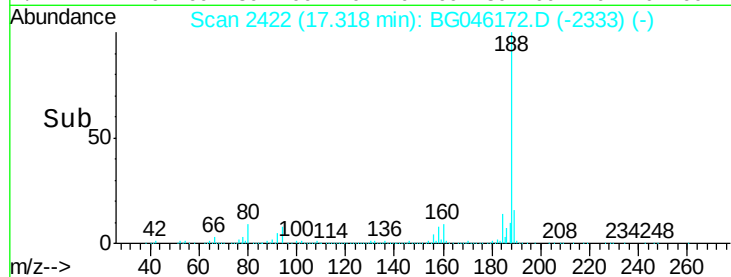
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#67

4-Bromophenyl-phenylether

Concen: 3.997 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.45 min

Lab File: BG046172.D

Acq: 5 Aug 2020 13:10

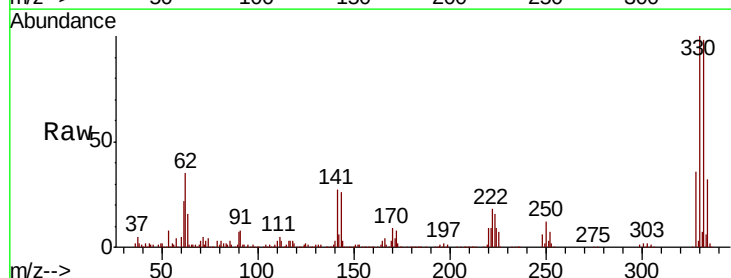
Tgt Ion:248 Resp: 32052

Ion Ratio Lower Upper

248 100

250 203.6 79.4 119.0#

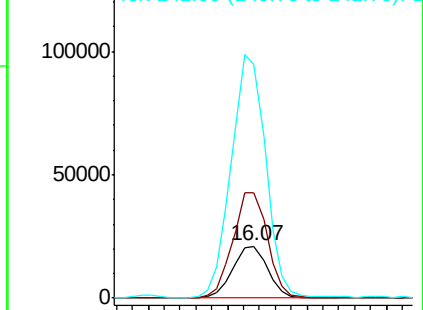
141 451.5 50.9 76.3#



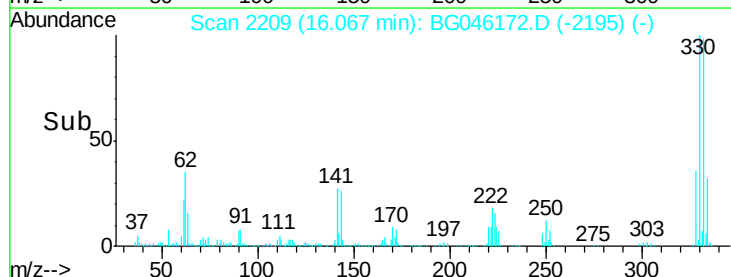
Abundance Ion 248.00 (247.70 to 248.70): E

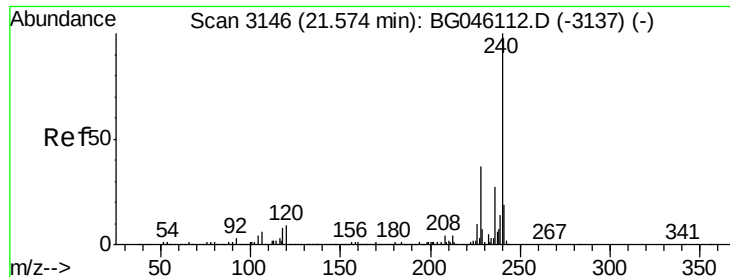
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->

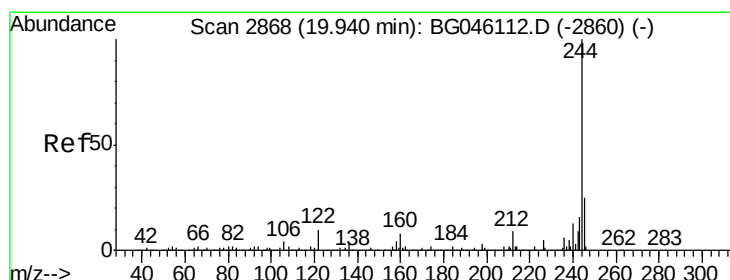
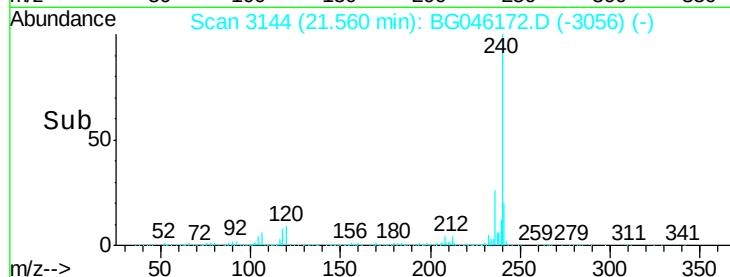
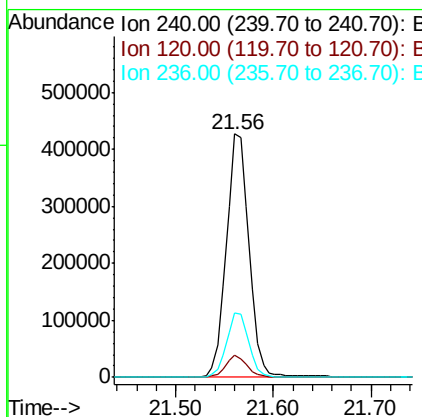
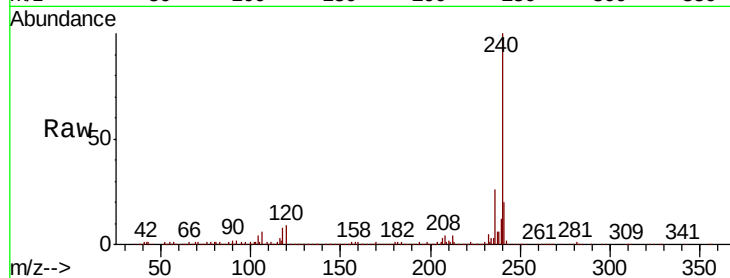




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG046172.D
Acq: 5 Aug 2020 13:10

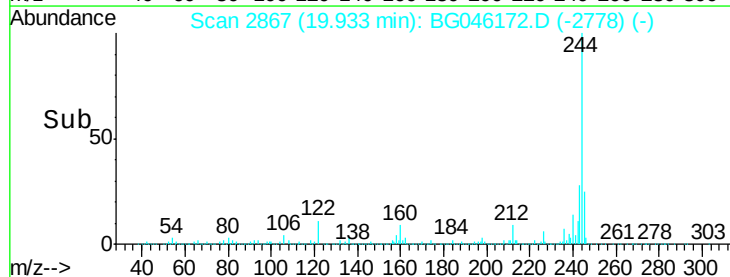
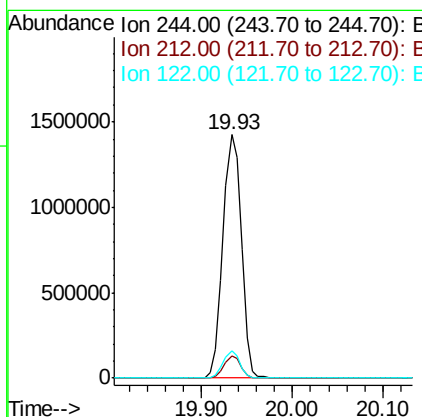
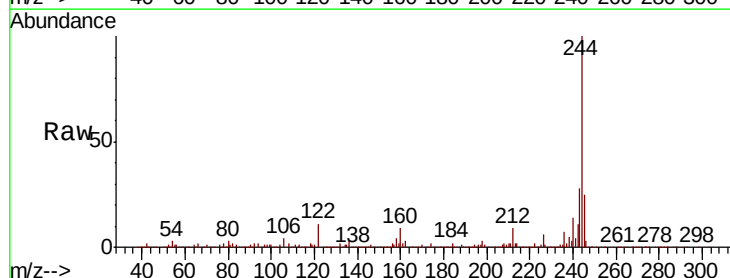
Instrument :
BNA_G
ClientSampled :
SB-1

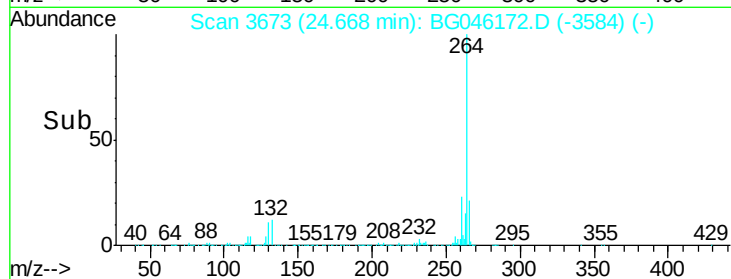
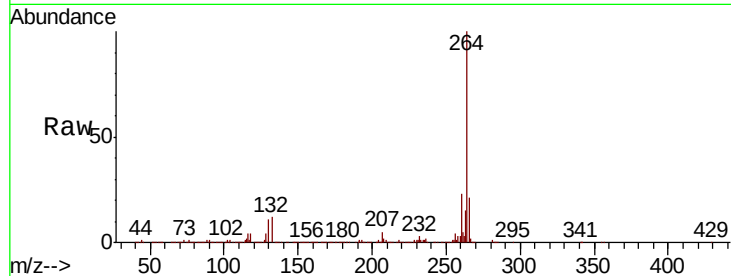
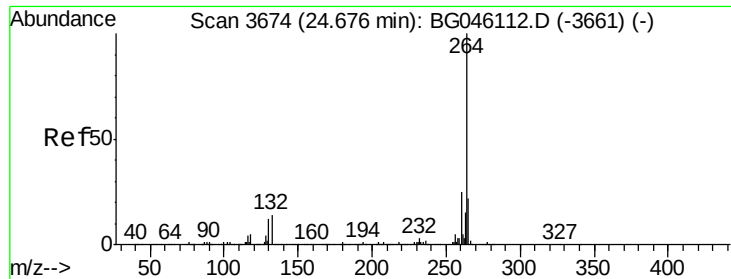
Tot Ion:240 Resp: 689877
Ion Ratio Lower Upper
240 100
120 9.0 7.1 10.7
236 26.4 21.7 32.5



#79
Terphenyl-d14
Concen: 59.376 ng
RT: 19.93 min Scan# 2867
Delta R.T. -0.01 min
Lab File: BG046172.D
Acq: 5 Aug 2020 13:10

Tgt Ion:244 Resp: 2011271
Ion Ratio Lower Upper
244 100
212 9.3 7.2 10.8
122 11.4 8.3 12.5





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3673
Delta R.T. -0.01 min
Lab File: BG046172.D
Acq: 5 Aug 2020 13:10

Instrument :
BNA_G
ClientSampleId :
SB-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.7	29.5
265	21.4	17.6	26.4

