

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
 Data File : BG046283.D
 Acq On : 14 Aug 2020 20:01
 Operator : CG/JU
 Sample : L3662-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR-59

Quant Time: Aug 17 00:46:10 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

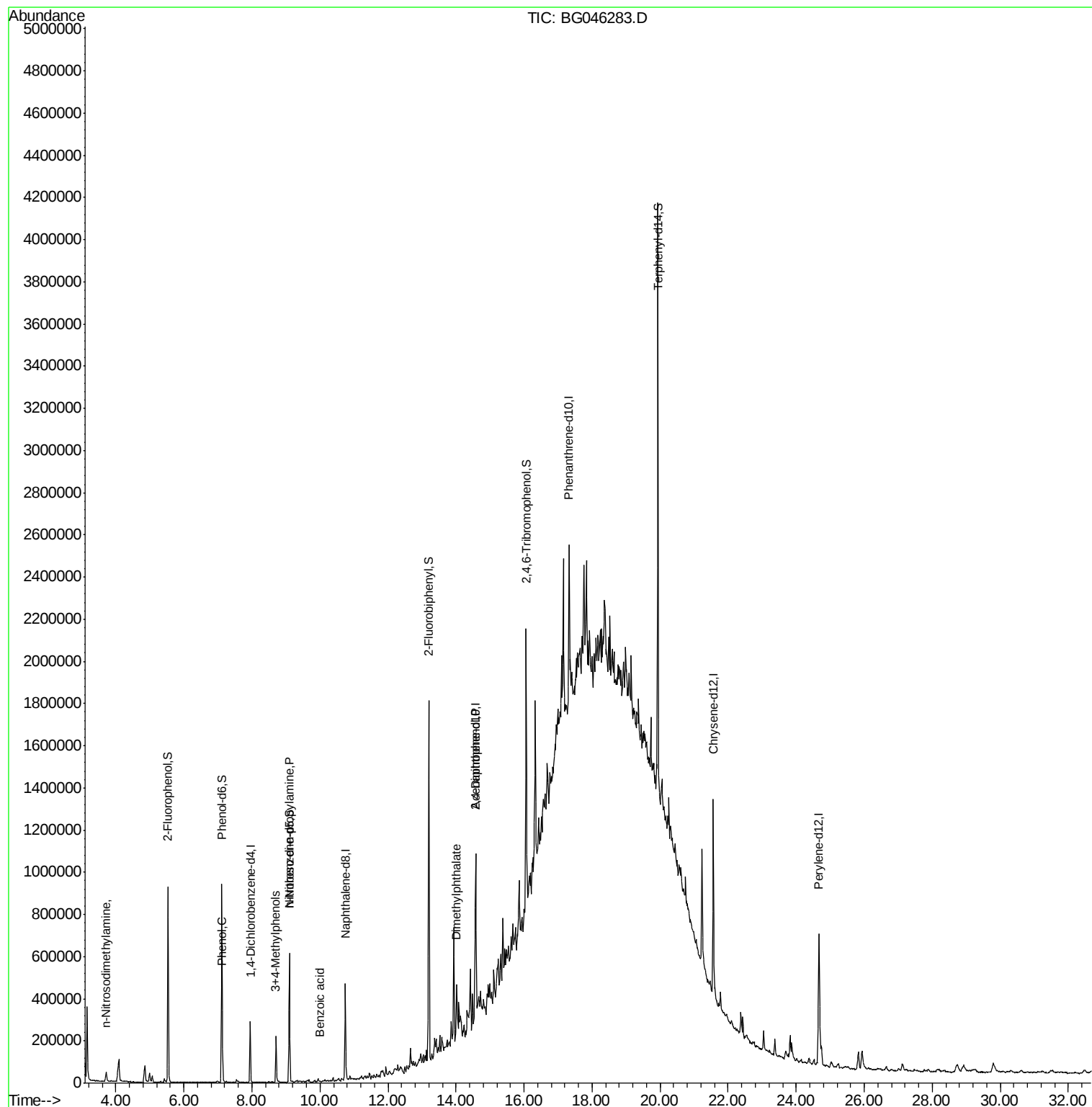
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	90605	20.00	ng	0.00
21) Naphthalene-d8	10.74	136	382664	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	250213	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	526260	20.00	ng	0.00
76) Chrysene-d12	21.56	240	575842	20.00	ng	-0.01
86) Perylene-d12	24.67	264	661139	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	428806	82.27	ng	0.00
7) Phenol-d6	7.11	99	566925	79.81	ng	0.00
23) Nitrobenzene-d5	9.10	82	380161	53.79	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	295318	76.84	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	916724	53.22	ng	0.00
79) Terphenyl-d14	19.93	244	1245130	44.04	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	3.72	42	5773	2.077	ng	Qvalue
10) Phenol	7.14	94	16374	2.294	ng	# 1
19) n-Nitroso-di-n-propylamine	9.10	70	48686	10.531	ng	# 77
20) 3+4-Methylphenols	8.71	107	110240	16.716	ng	90
32) Benzoic acid	9.99	122	191	9.447	ng	# 31
50) Dimethylphthalate	14.02	163	117575	6.122	ng	# 95
54) 2,4-Dinitrophenol	14.58	184	53	7.084	ng	# 1

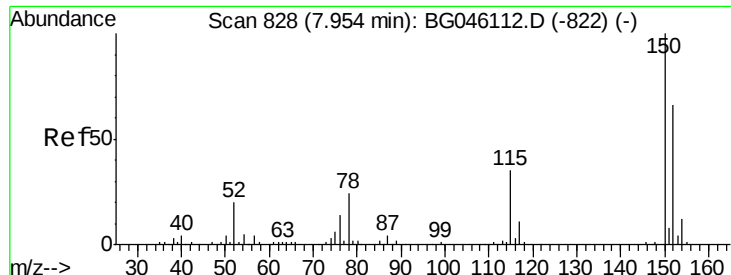
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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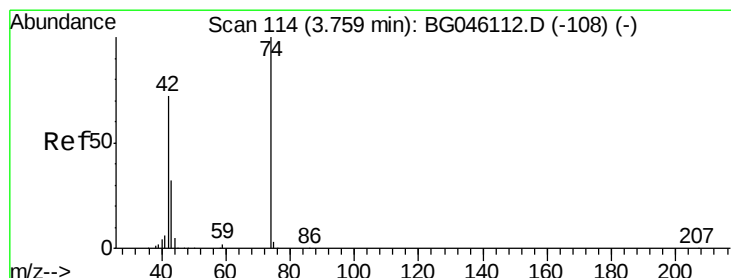
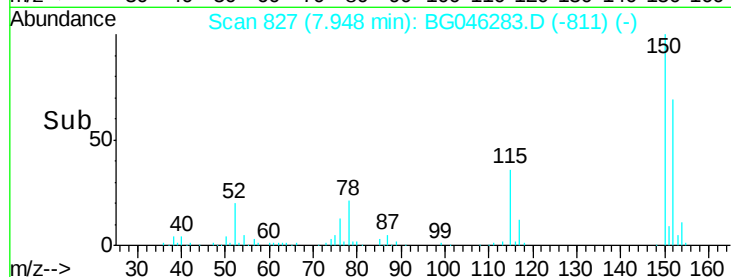
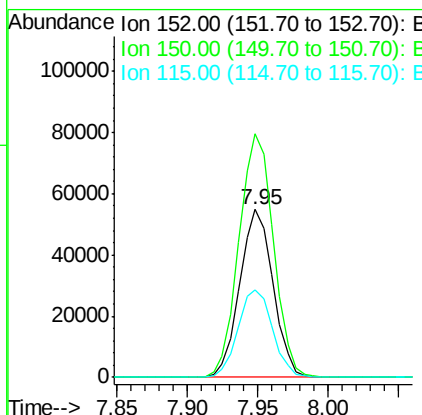
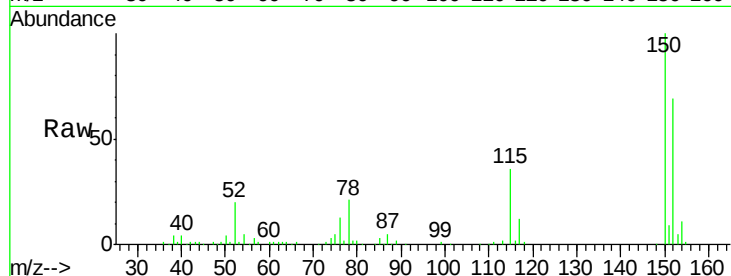




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BG046283.D
 Acq: 14 Aug 2020 20:01

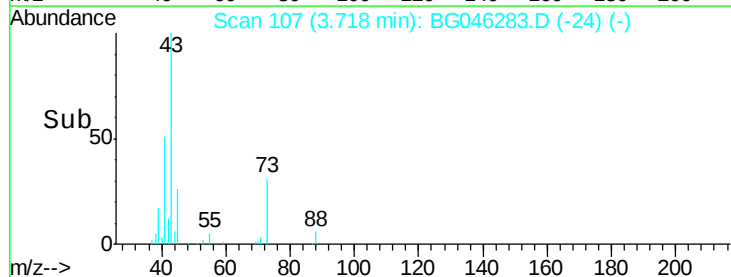
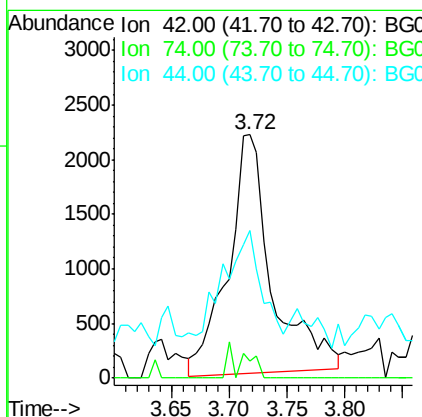
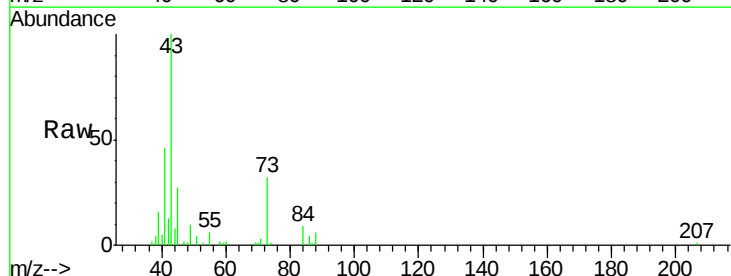
Instrument :
 BNA_G
 ClientSampled :
 RBR-59

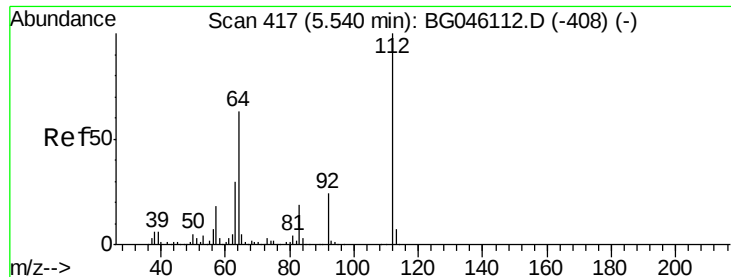
Tot Ion:152 Resp: 90605
 Ion Ratio Lower Upper
 152 100
 150 145.1 122.1 183.1
 115 52.0 43.2 64.8



#4
 n-Nitrosodimethylamine
 Concen: 2.077 ng
 RT: 3.72 min Scan# 107
 Delta R.T. -0.04 min
 Lab File: BG046283.D
 Acq: 14 Aug 2020 20:01

Tgt Ion: 42 Resp: 5773
 Ion Ratio Lower Upper
 42 100
 74 6.9 111.6 167.4#
 44 60.5 5.7 8.5#





#5

2-Fluorophenol

Concen: 82.272 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.01 min

Lab File: BG046283.D

Acq: 14 Aug 2020 20:01

Instrument :

BNA_G

ClientSampleId :

RBR-59

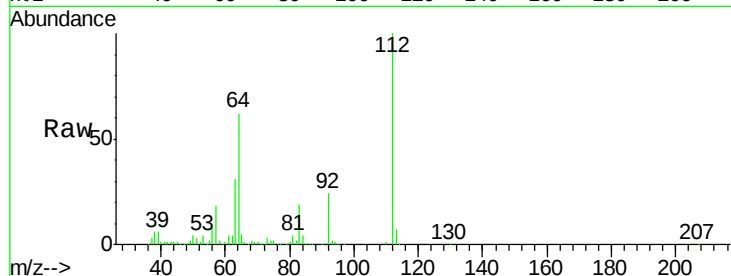
Tot Ion:112 Resp: 428806

Ion Ratio Lower Upper

112 100

64 62.1 50.2 75.2

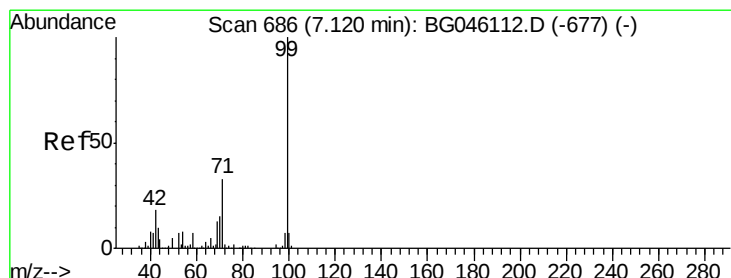
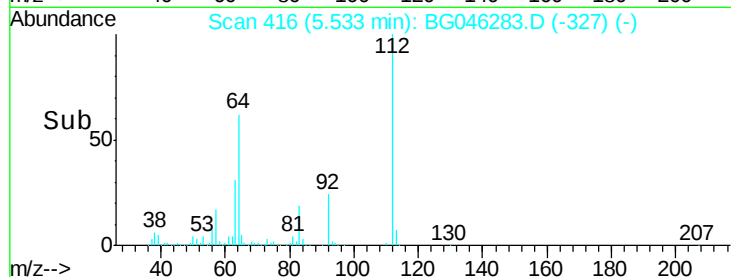
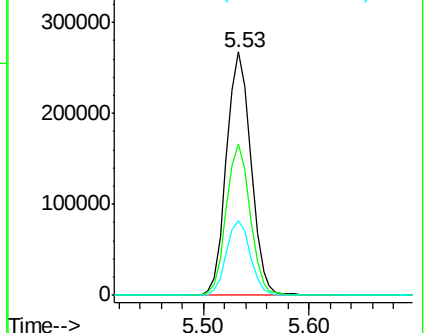
63 30.6 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 79.811 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG046283.D

Acq: 14 Aug 2020 20:01

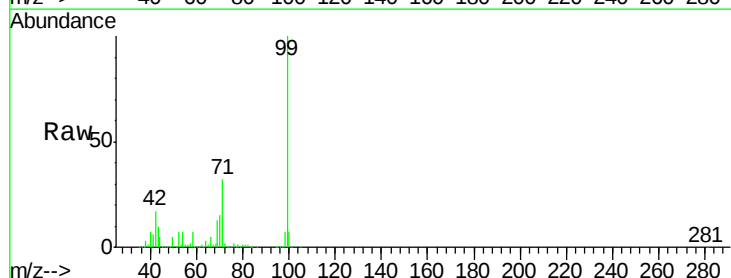
Tgt Ion: 99 Resp: 566925

Ion Ratio Lower Upper

99 100

42 17.5 14.7 22.1

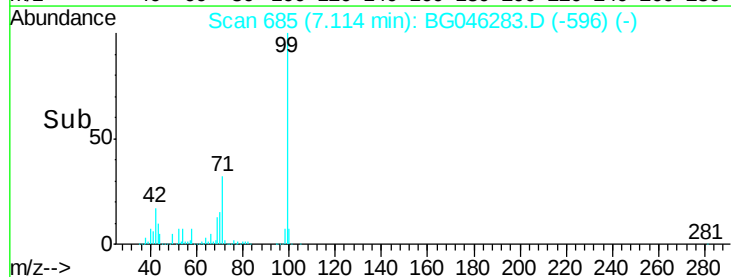
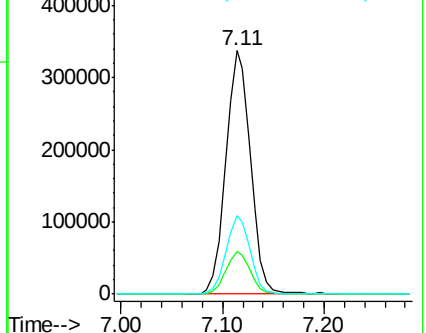
71 32.1 26.5 39.7

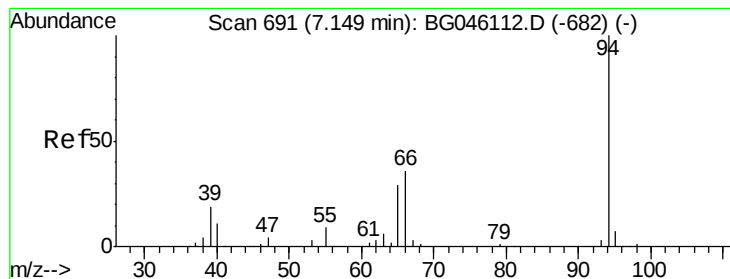


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#10

Phenol

Concen: 2.294 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG046283.D

Acq: 14 Aug 2020 20:01

Instrument :

BNA_G

ClientSampleId :

RBR-59

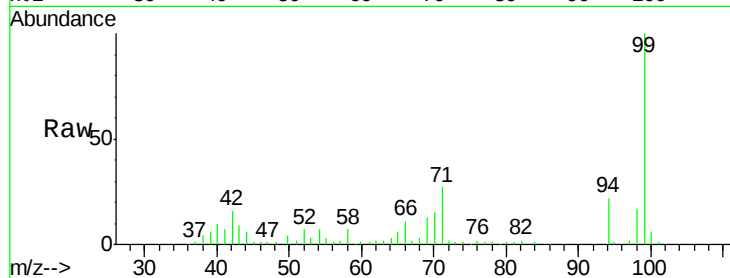
Tot Ion: 94 Resp: 16374

Ion Ratio Lower Upper

94 100

65 27.8 9.6 49.6

66 52.9 16.3 56.3

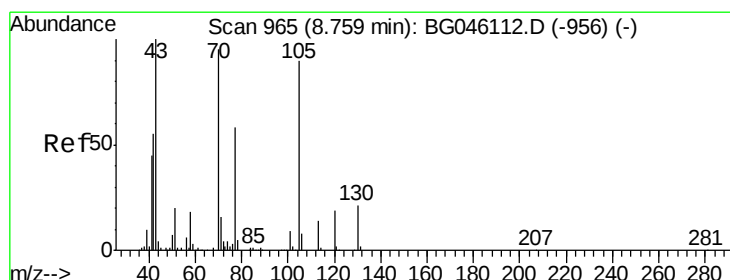
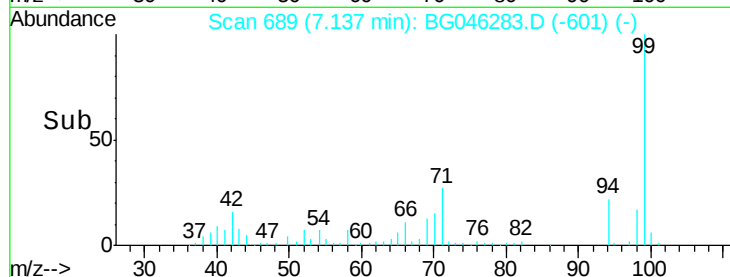
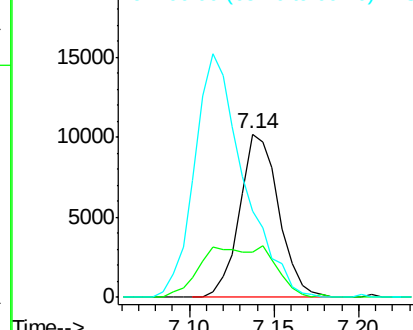


Abundance

Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 10.531 ng

RT: 9.10 min Scan# 1023

Delta R.T. 0.34 min

Lab File: BG046283.D

Acq: 14 Aug 2020 20:01

Tgt Ion: 70 Resp: 48686

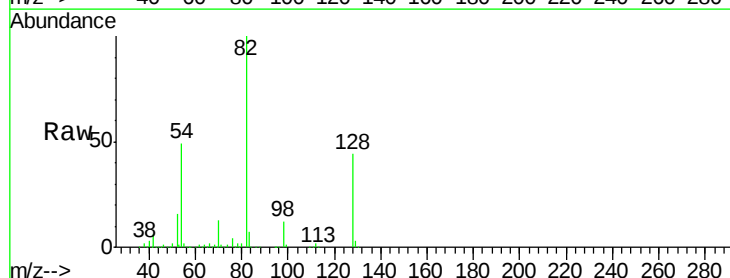
Ion Ratio Lower Upper

70 100

42 46.2 46.5 69.7#

101 0.0 7.6 11.4#

130 2.2 17.3 25.9#



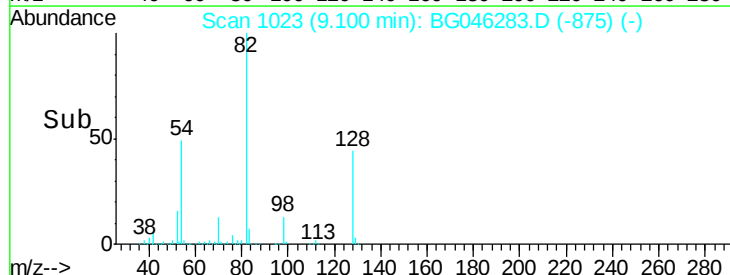
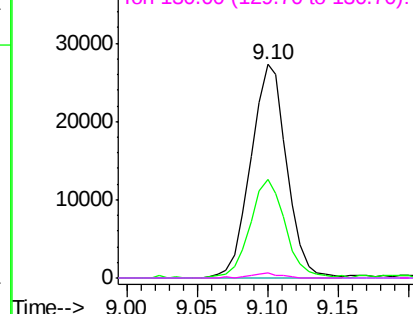
Abundance

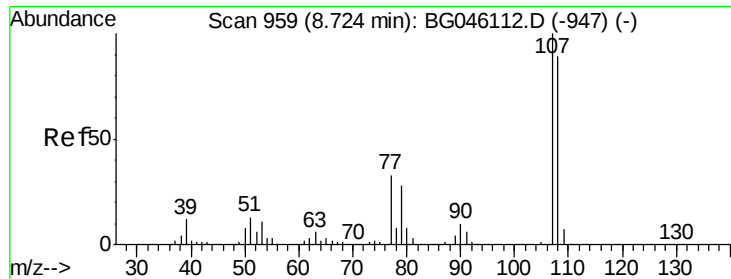
Ion 70.00 (69.70 to 70.70): BGC

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

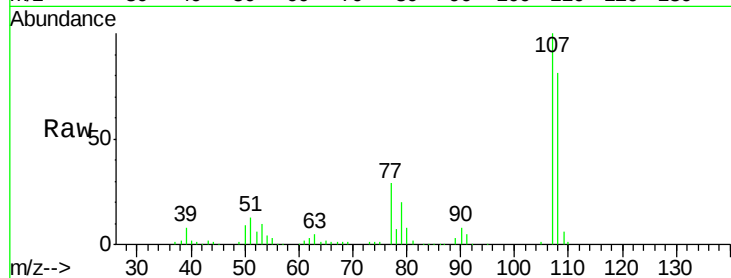




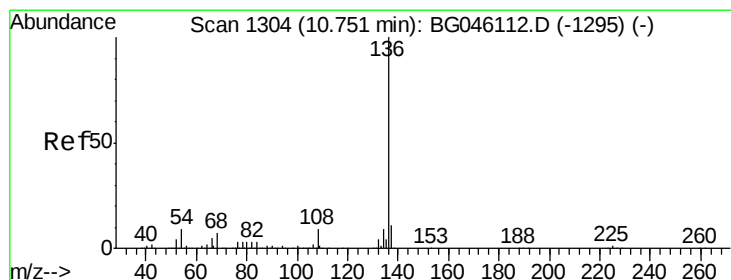
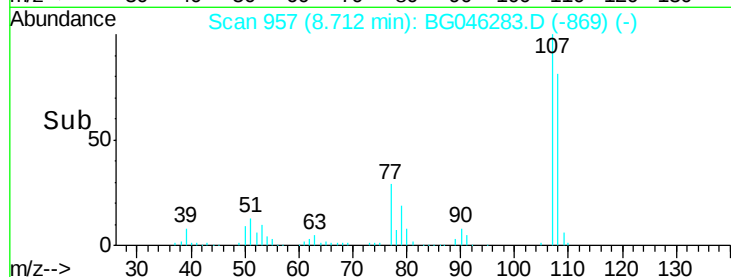
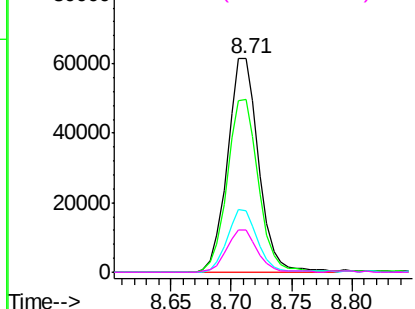
#20
3+4-Methylphenols
Concen: 16.716 ng
RT: 8.71 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG046283.D
Acq: 14 Aug 2020 20:01

Instrument :
BNA_G
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RBR-59

Tot Ion:107	Resp:	110240
Ion Ratio	Lower	Upper
107	100	
108	80.6	69.1 109.1
77	28.9	12.5 52.5
79	19.7	8.4 48.4

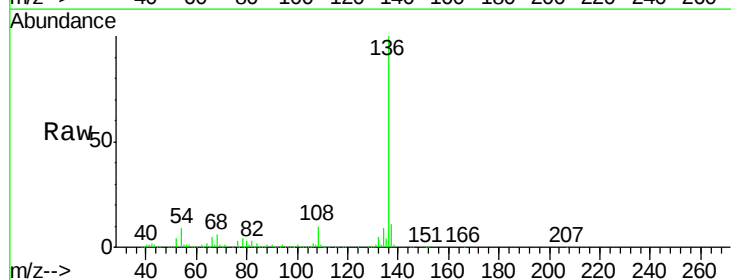


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

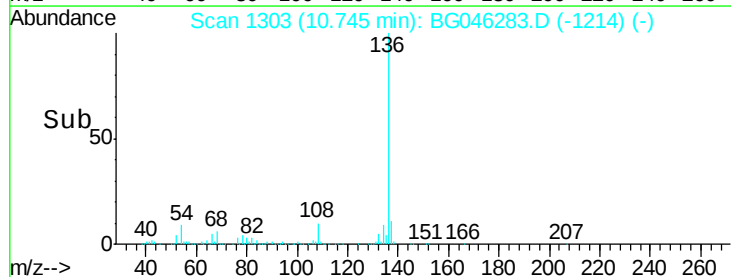
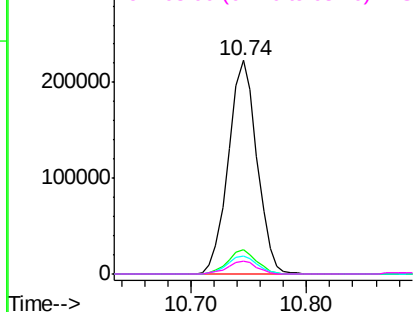


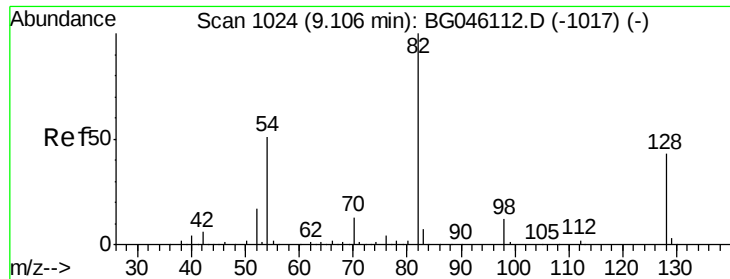
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG046283.D
Acq: 14 Aug 2020 20:01

Tgt Ion:136	Resp:	382664
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	8.6	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

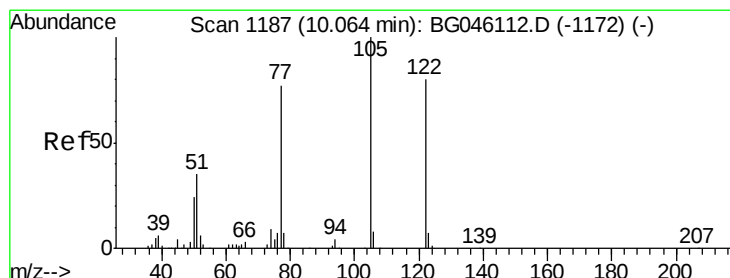
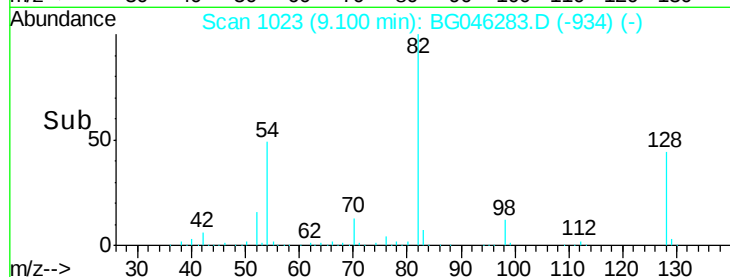
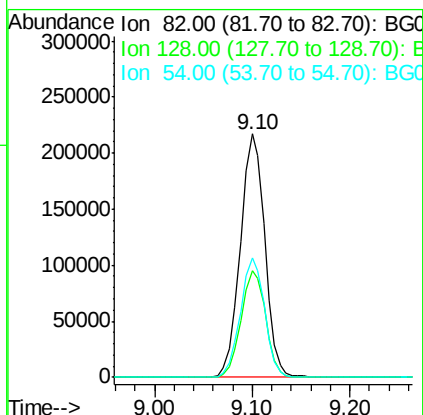
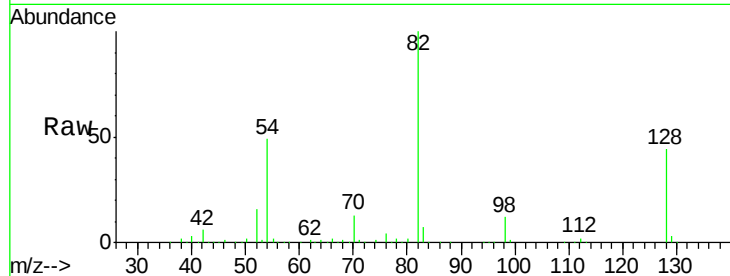




#23
 Nitrobenzene-d5
 Concen: 53.789 ng
 RT: 9.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BG046283.D
 Acq: 14 Aug 2020 20:01

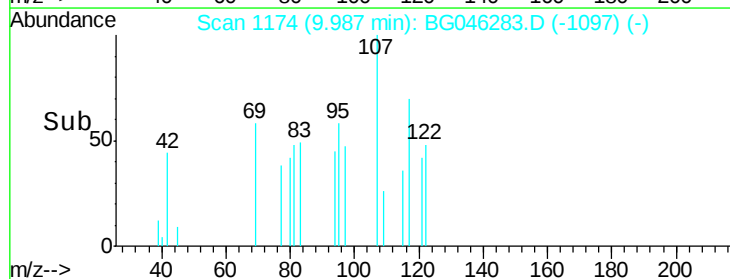
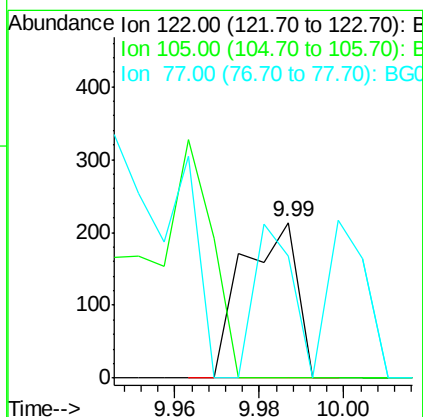
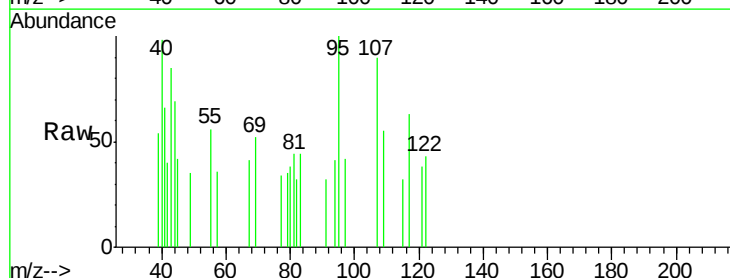
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 BNA_G
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 RBR-59

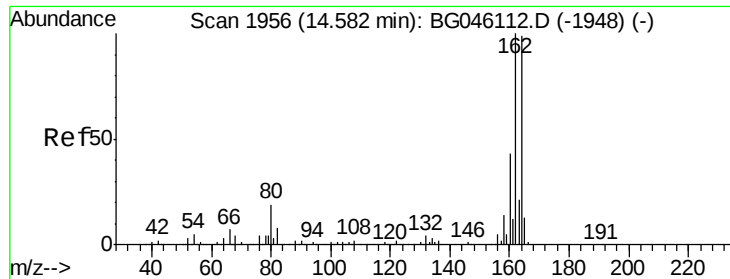
Tot Ion	82	Resp	380161
Ion Ratio	100	Lower	Upper
128	43.9	34.4	51.6
54	48.8	40.8	61.2



#32
 Benzoic acid
 Concen: 9.447 ng
 RT: 9.99 min Scan# 1174
 Delta R.T. -0.08 min
 Lab File: BG046283.D
 Acq: 14 Aug 2020 20:01

Tgt Ion	122	Resp	191
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
105	0.0	103.0	143.0#
77	78.0	75.2	115.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG046283.D

Acq: 14 Aug 2020 20:01

Instrument :

BNA_G

ClientSampleId :

RBR-59

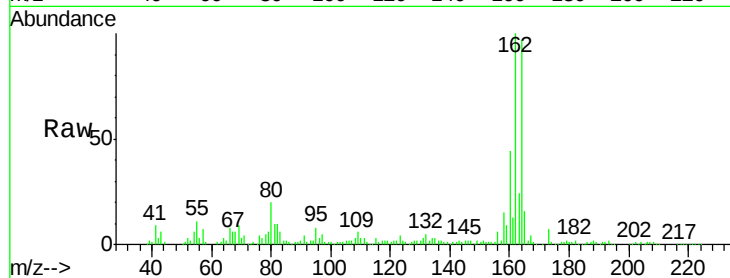
Tot Ion:164 Resp: 250213

Ion Ratio Lower Upper

164 100

162 102.6 80.6 121.0

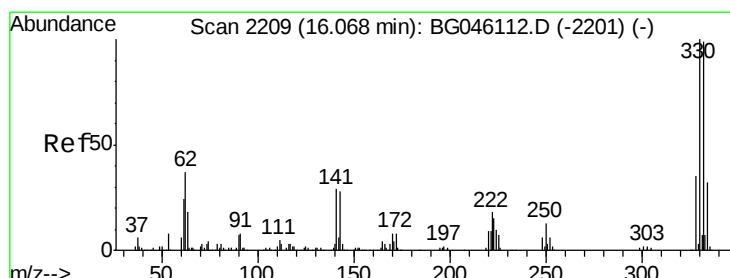
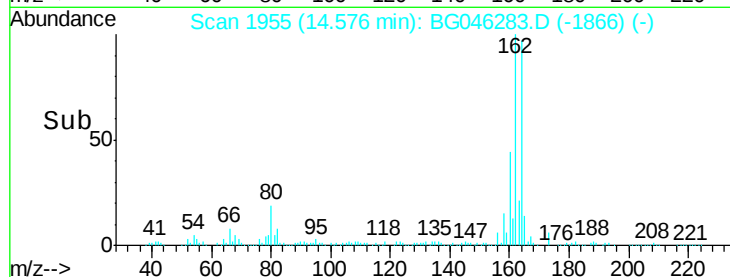
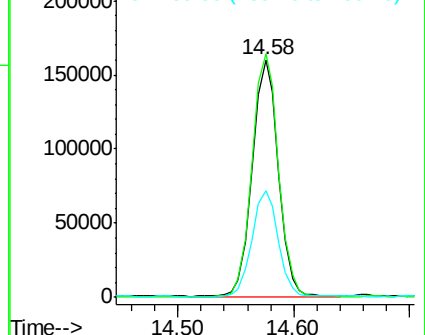
160 45.2 34.9 52.3



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: 76.841 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG046283.D

Acq: 14 Aug 2020 20:01

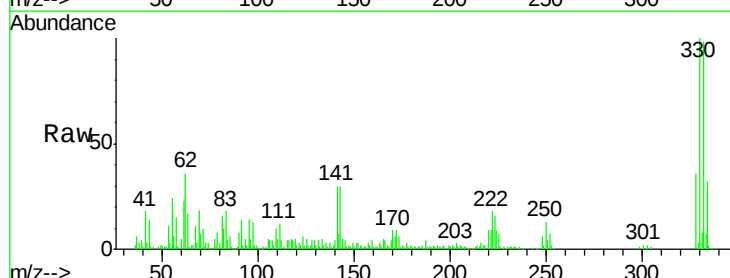
Tgt Ion:330 Resp: 295318

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.2

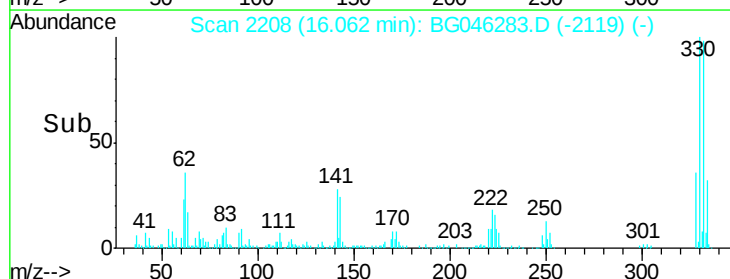
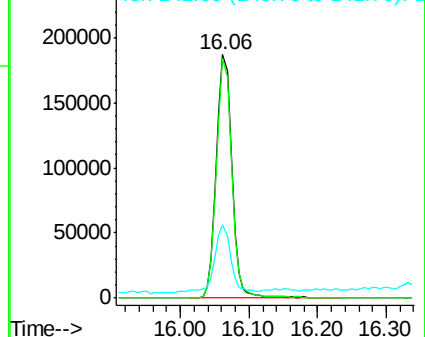
141 29.8 23.4 35.0

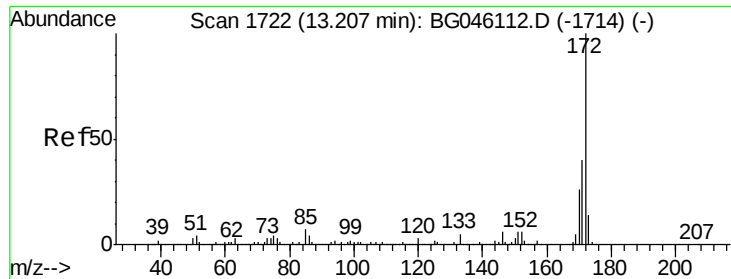


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

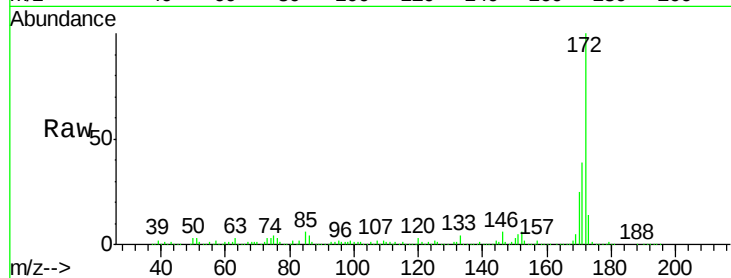




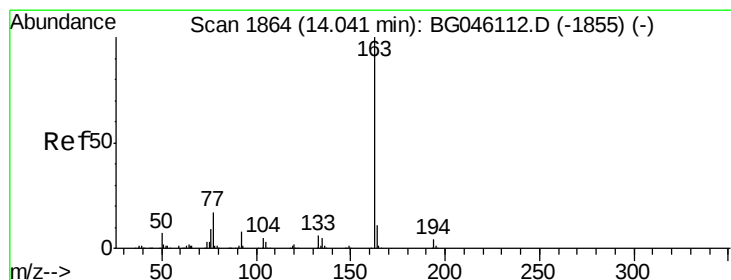
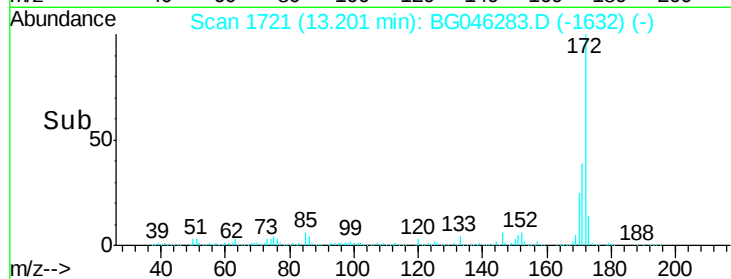
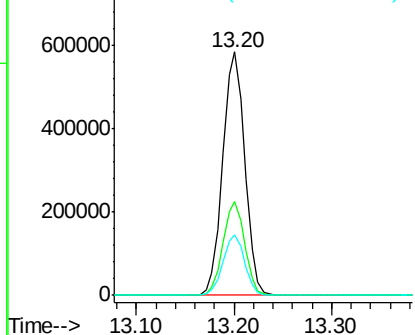
#45
2-Fluorobiphenyl
Concen: 53.221 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BG046283.D
Acq: 14 Aug 2020 20:01

Instrument :
BNA_G
ClientSampleId :
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Tot Ion:172 Resp: 916724
Ion Ratio Lower Upper
172 100
171 38.6 31.7 47.5
170 24.8 20.9 31.3

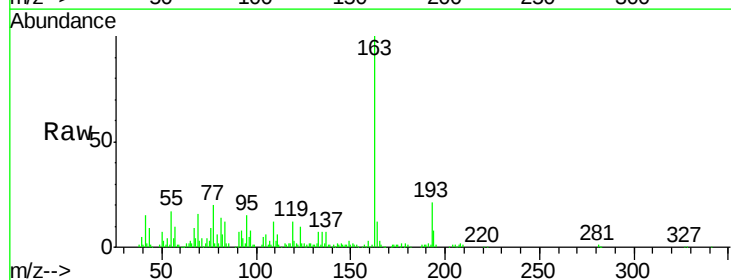


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

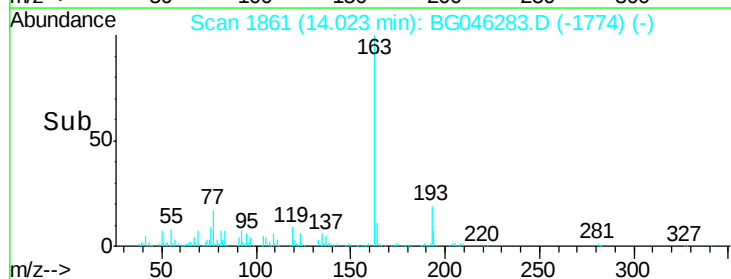
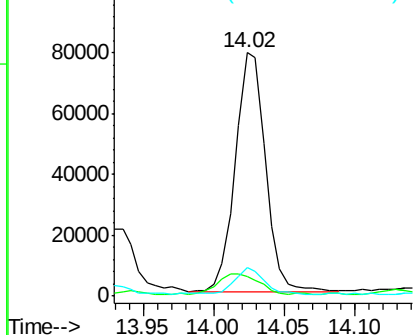


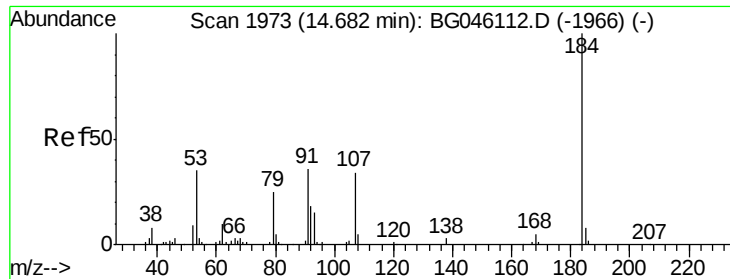
#50
Dimethylphthalate
Concen: 6.122 ng
RT: 14.02 min Scan# 1861
Delta R.T. -0.02 min
Lab File: BG046283.D
Acq: 14 Aug 2020 20:01

Tgt Ion:163 Resp: 117575
Ion Ratio Lower Upper
163 100
194 8.1 3.5 5.3#
164 11.9 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#54

2,4-Dinitrophenol

Concen: 7.084 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.11 min

Lab File: BG046283.D

Acq: 14 Aug 2020 20:01

Instrument :

BNA_G

ClientSampleId :

RBR-59

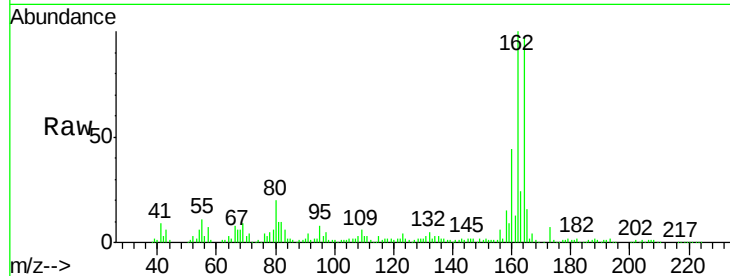
Tot Ion:184 Resp: 53

Ion Ratio Lower Upper

184 100

63 616.6 36.7 55.1#

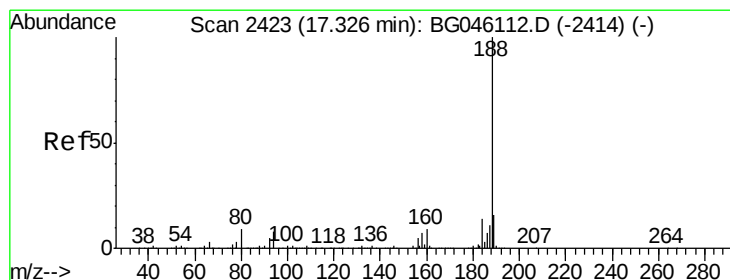
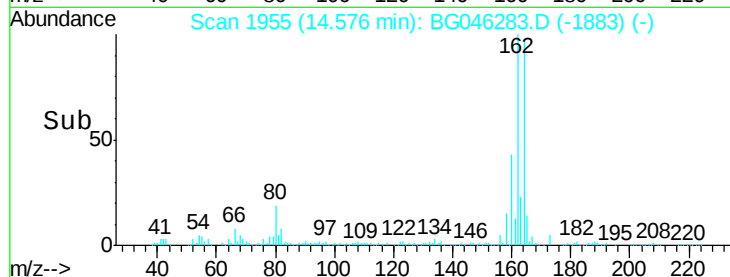
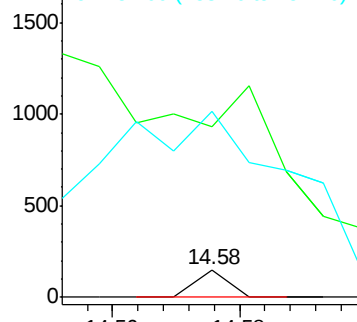
154 674.2 41.3 61.9#



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG046283.D

Acq: 14 Aug 2020 20:01

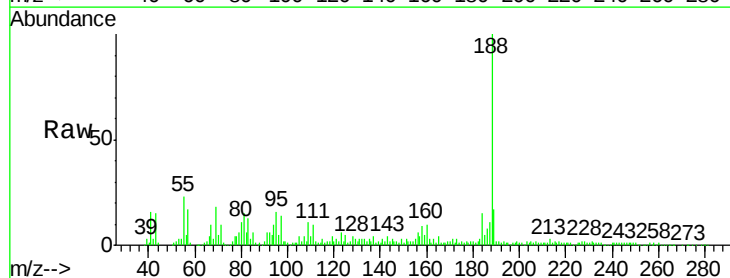
Tgt Ion:188 Resp: 526260

Ion Ratio Lower Upper

188 100

94 9.7 6.4 9.6#

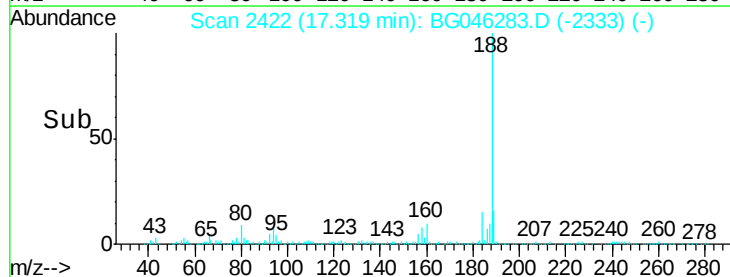
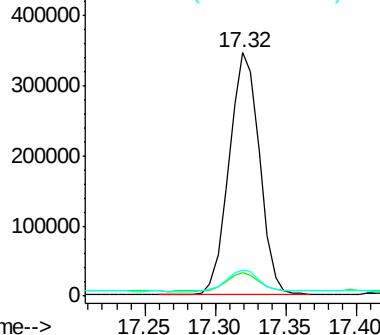
80 10.9 7.4 11.0

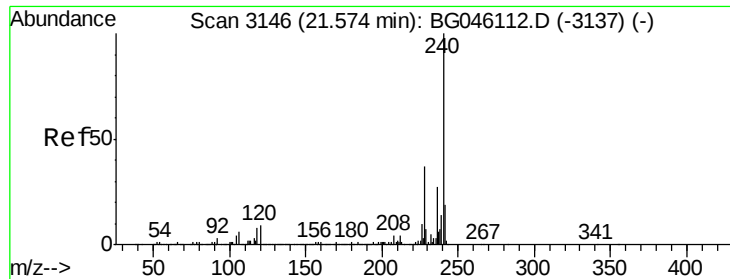


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

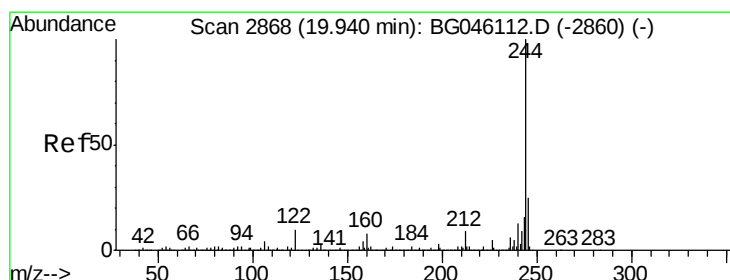
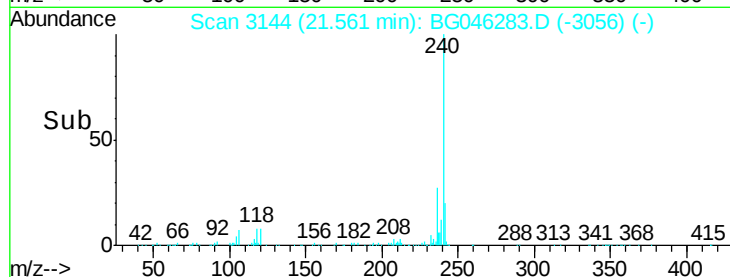
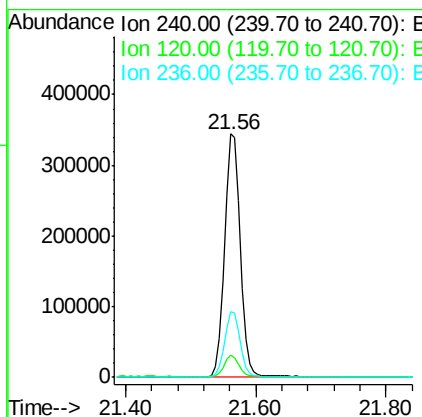
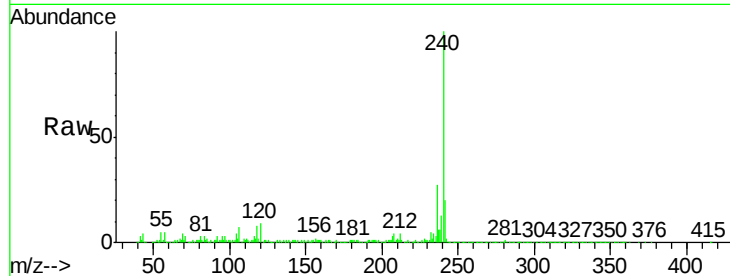




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG046283.D
Acq: 14 Aug 2020 20:01

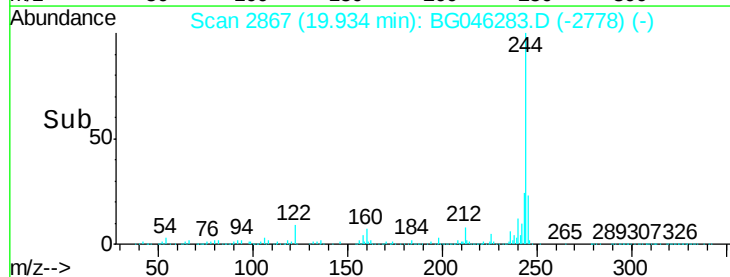
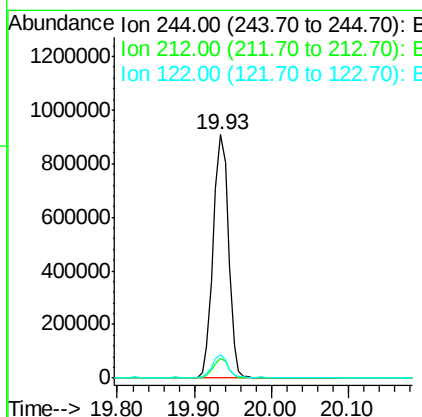
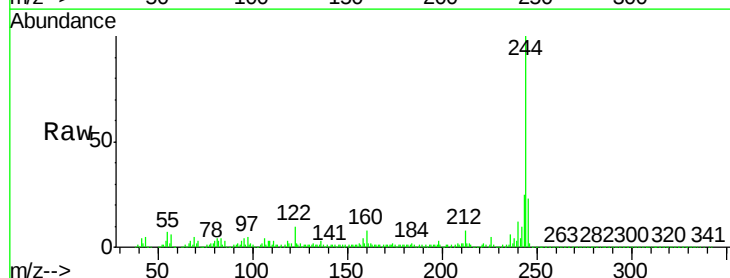
Instrument :
BNA_G
ClientSampleId :
RBR-59

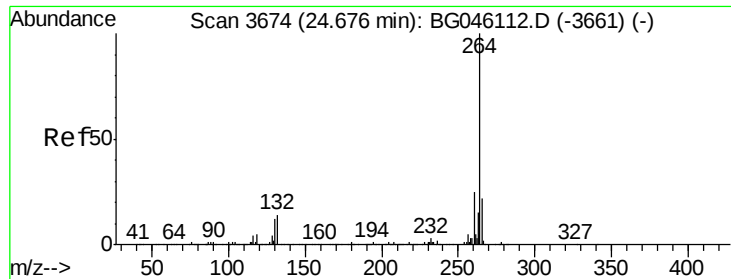
Tot Ion:240 Resp: 575842
Ion Ratio Lower Upper
240 100
120 9.2 7.1 10.7
236 27.1 21.7 32.5



#79
Terphenyl-d14
Concen: 44.038 ng
RT: 19.93 min Scan# 2867
Delta R.T. -0.01 min
Lab File: BG046283.D
Acq: 14 Aug 2020 20:01

Tgt Ion:244 Resp: 1245130
Ion Ratio Lower Upper
244 100
212 8.3 7.2 10.8
122 9.7 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: BG046283.D
Acq: 14 Aug 2020 20:01

Instrument :
BNA_G
ClientSampleId :
RBR-59

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.7	29.5
265	22.3	17.6	26.4

