

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 01:31:13 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

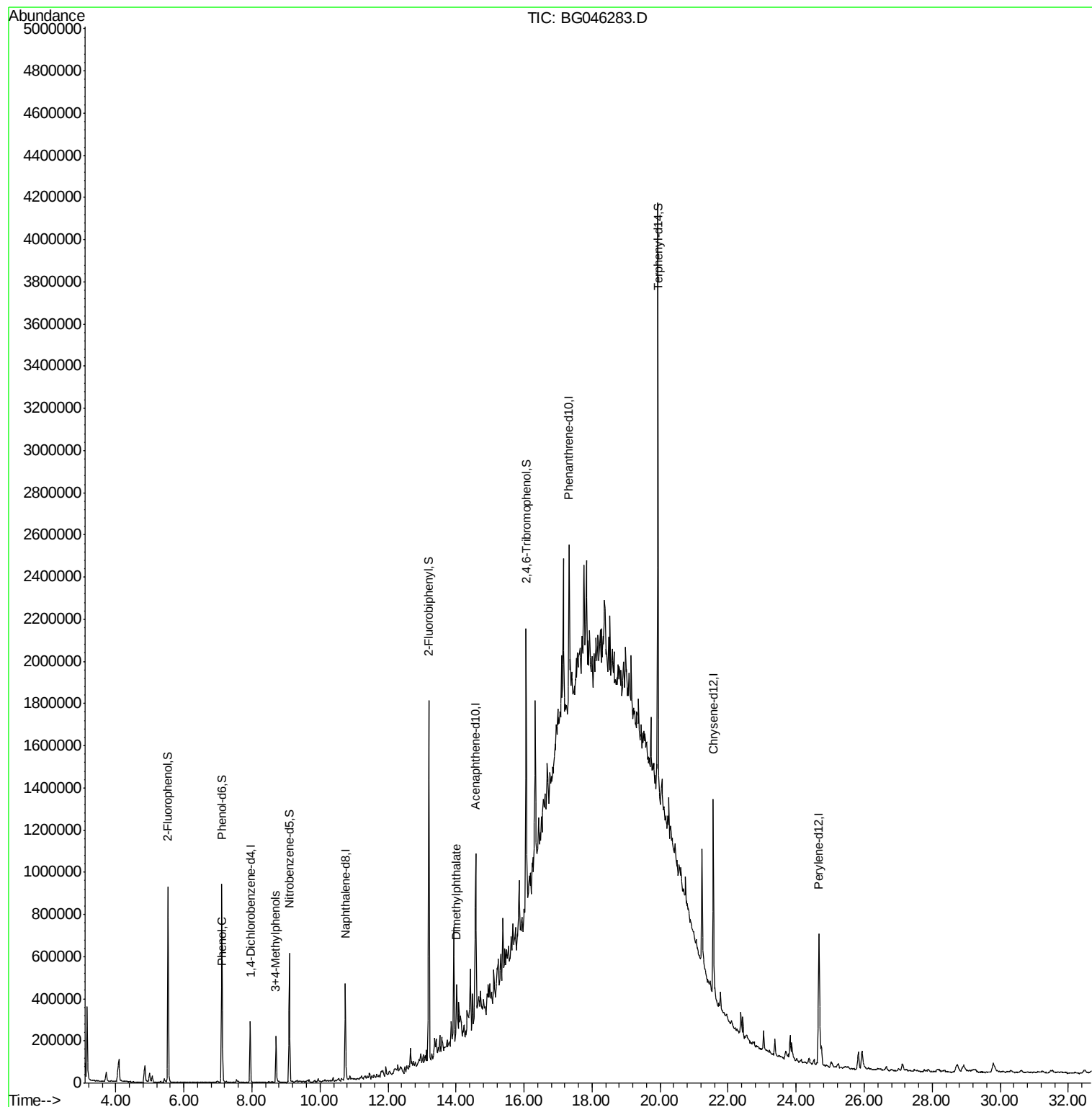
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	90605	20.00	ng	0.00
21) Naphthalene-d8	10.74	136	382664	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	250213	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	526260	20.00	ng	0.00
76) Chrysene-d12	21.56	240	575842	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						
10) Phenol	7.14	94	16374	2.294	ng	83
20) 3+4-Methylphenols	8.71	107	110240	16.716	ng	90
50) Dimethylphthalate	14.02	163	117575	6.122	ng	# 95

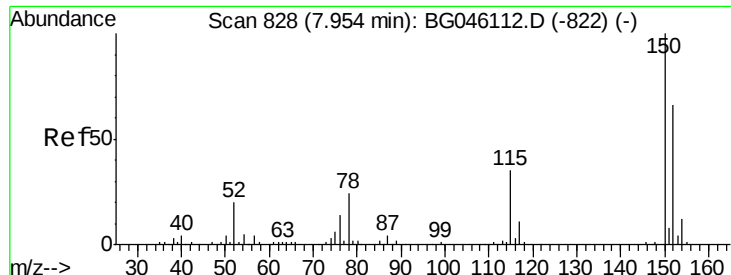
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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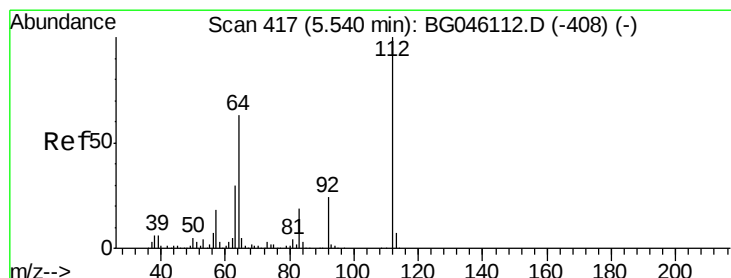
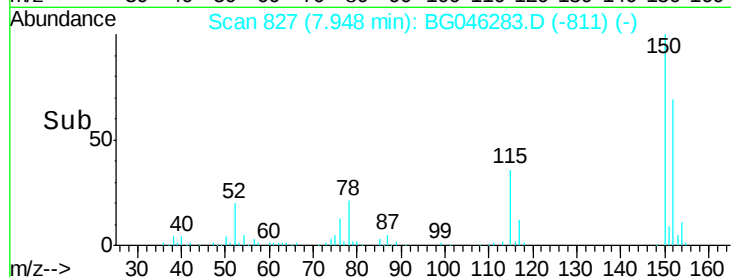
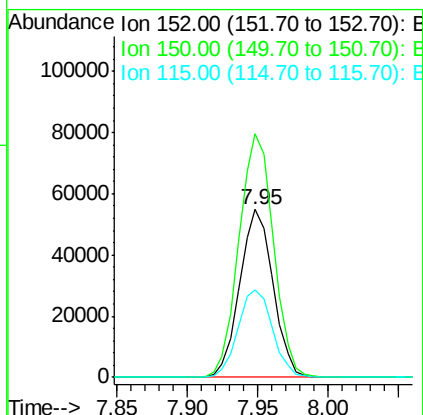
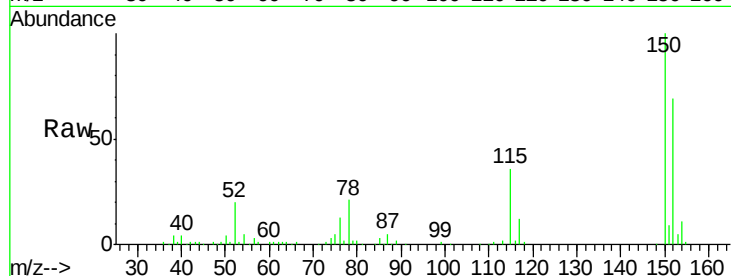


#1

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
ClientSampleId :
RBR-59

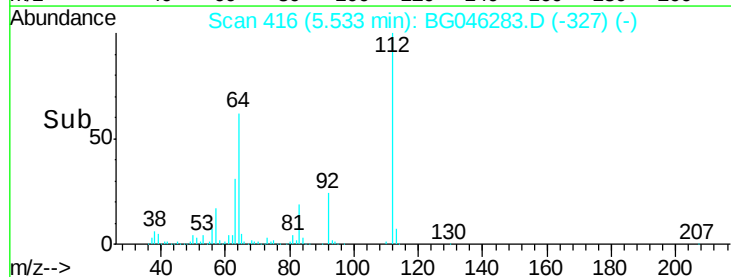
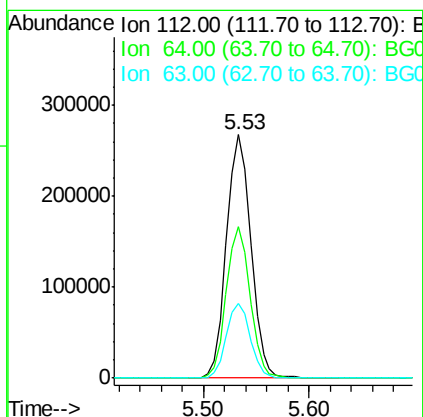
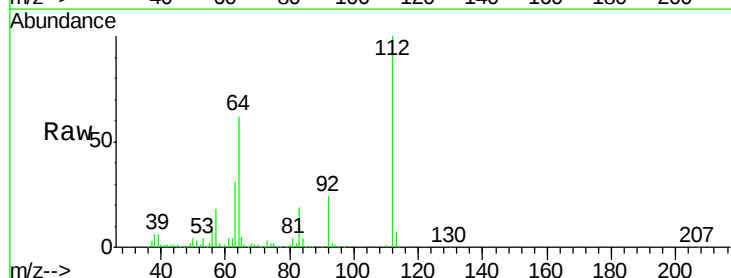
Tot Ion:152 Resp: 90605
Ion Ratio Lower Upper
152 100
150 145.1 122.1 183.1
115 52.0 43.2 64.8

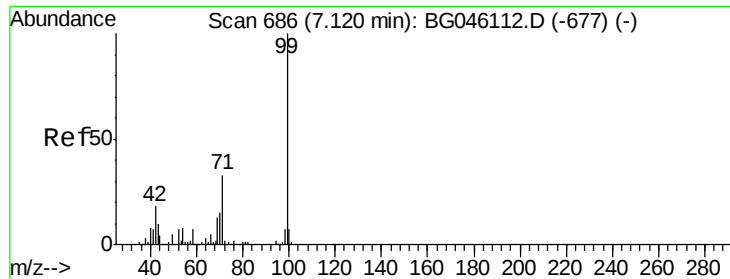


#5

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

Tgt Ion:112 Resp: 428806
Ion Ratio Lower Upper
112 100
64 62.1 50.2 75.2
63 30.6 24.2 36.4





#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

Instrument :

BNA_G

ClientSampled :

RBR-59

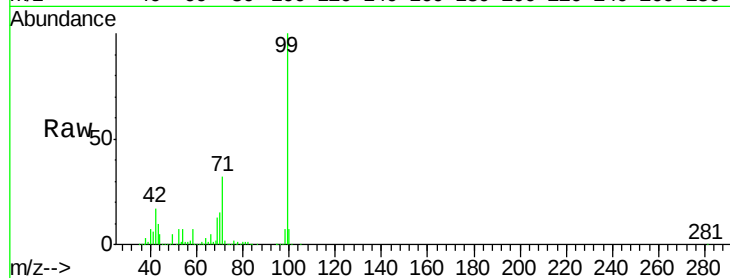
Tot Ion: 99 Resp: 566925

Ion Ratio Lower Upper

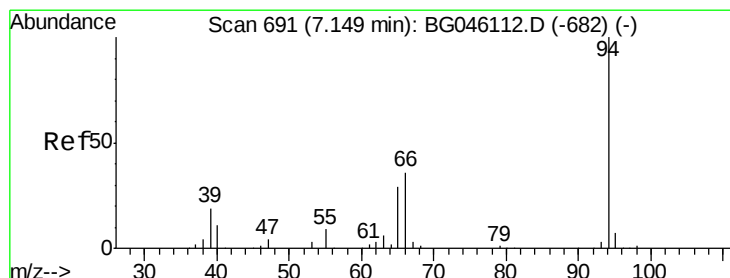
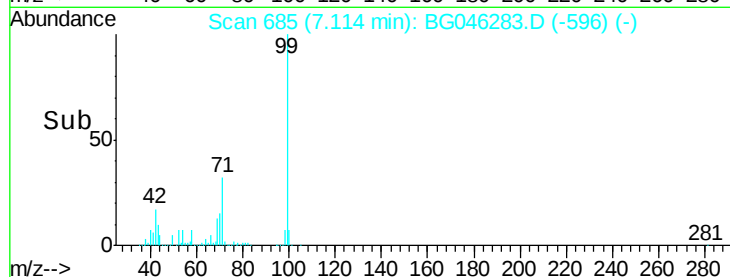
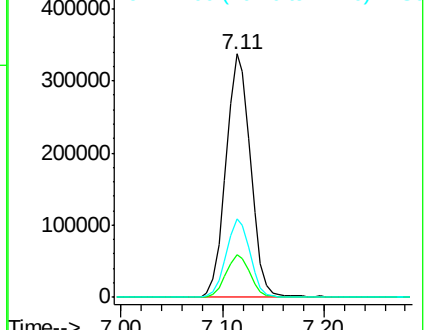
99 100

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

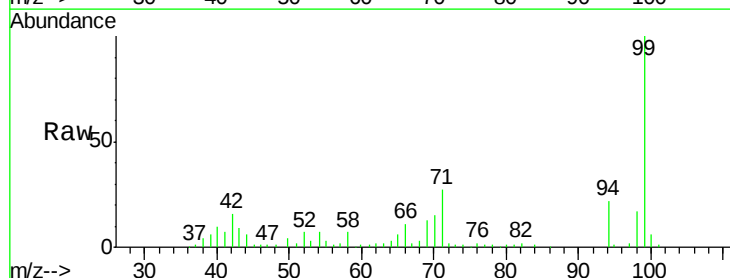
Tgt Ion: 94 Resp: 16374

Ion Ratio Lower Upper

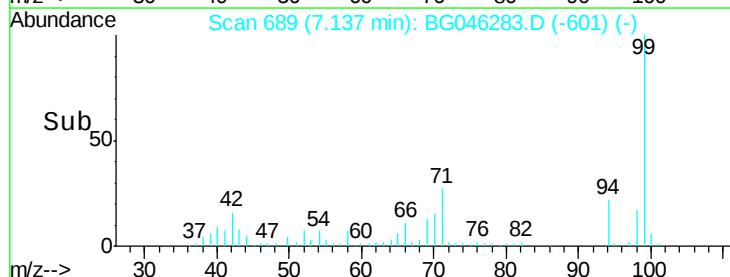
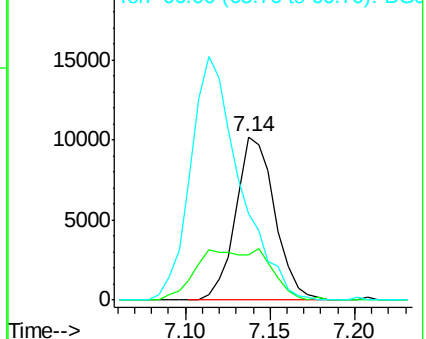
94 100

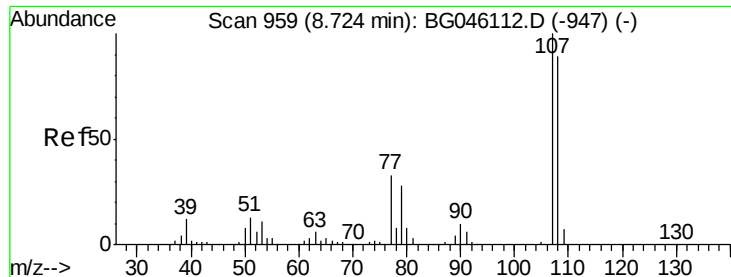
65 27.8 9.6 49.6

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

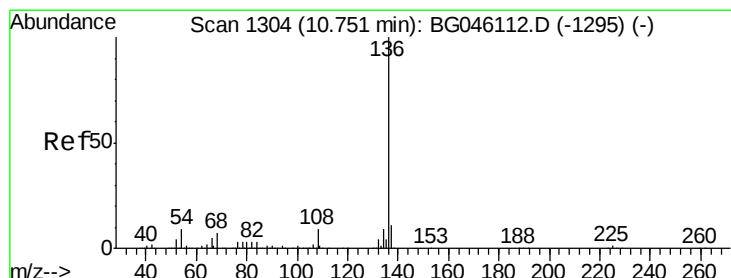
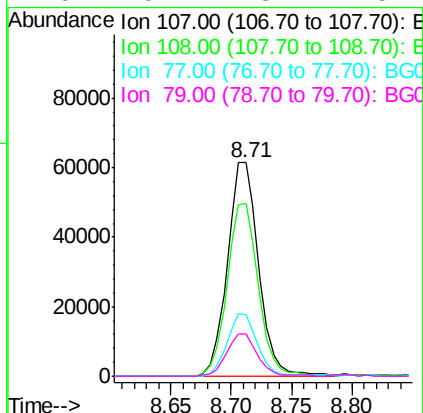
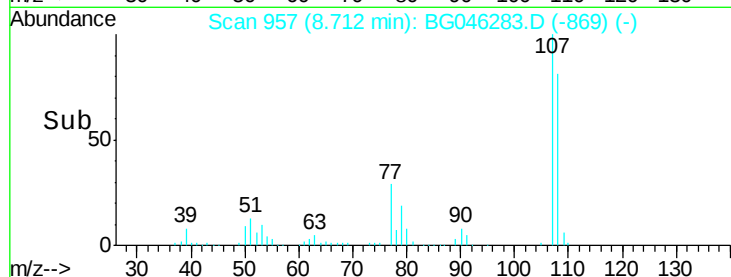
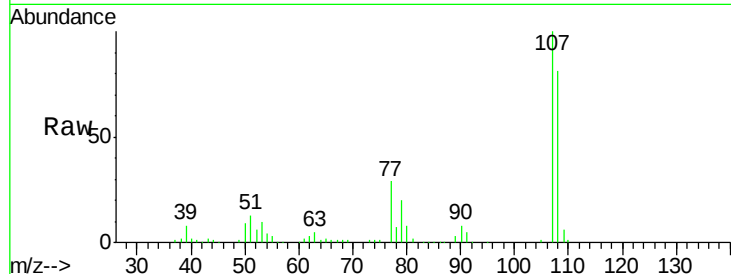




#20
3+4-Methylphenols
Concen: 16.716 ng
RT: 8.71 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG046283.D
Acq: 14 Aug 2020 20:01

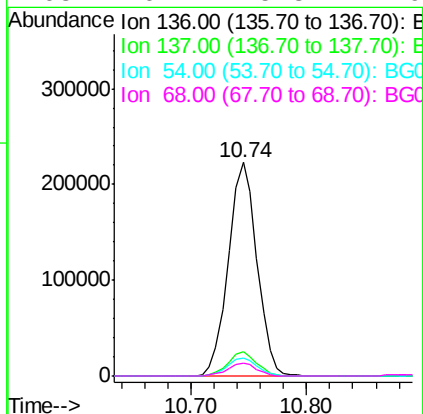
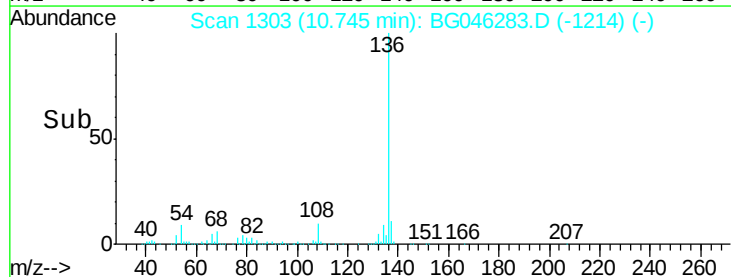
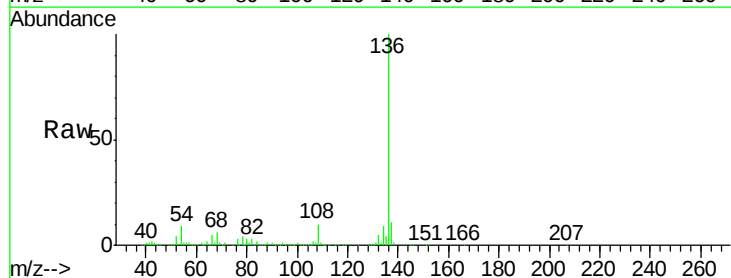
Instrument :
BNA_G
ClientSampleId :
RBR-59

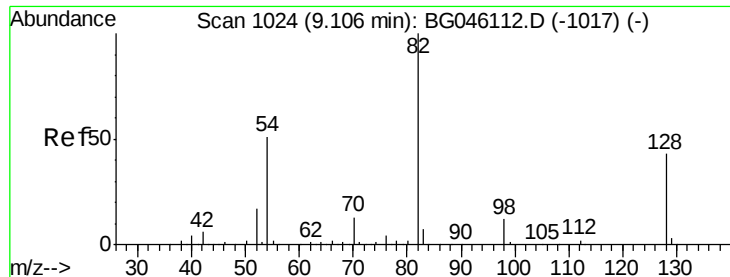
Tot Ion:	107	Resp:	110240
Ion	Ratio	Lower	Upper
107	100		
108	80.6	69.1	109.1
77	28.9	12.5	52.5
79	19.7	8.4	48.4



#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

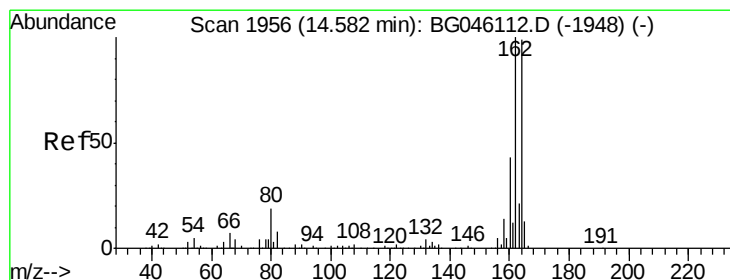
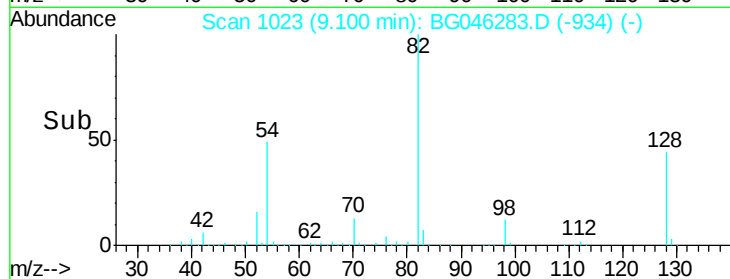
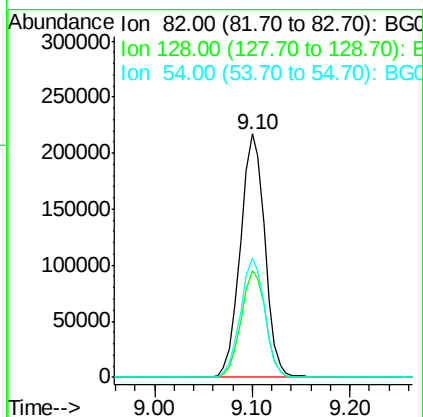
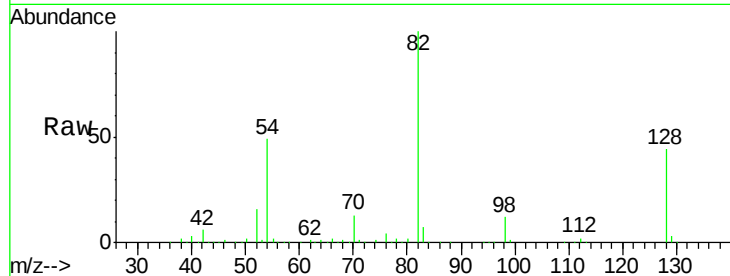




#23
 Nitrobenzene-d5
 Concen: 53.789 ng
 RT: 9.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BG046283.D
 Acq: 14 Aug 2020 20:01

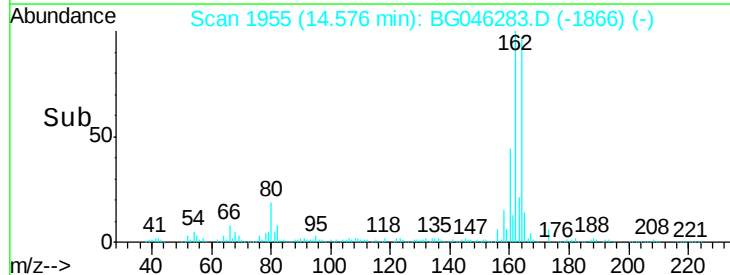
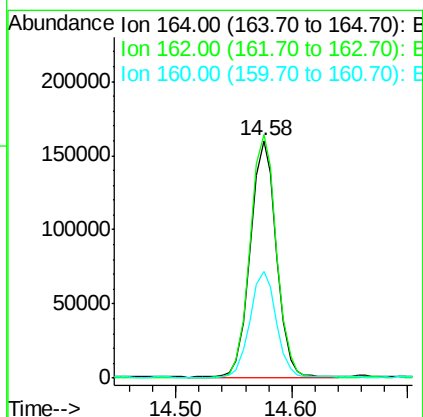
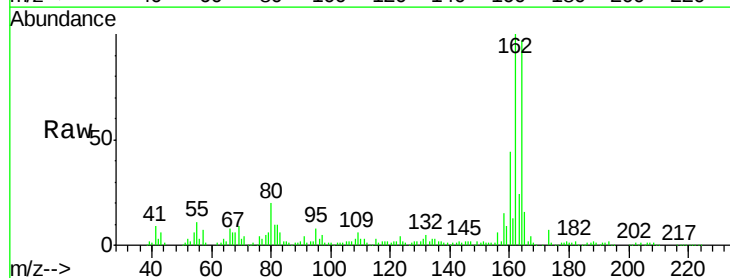
Instrument :
 BNA_G
 ClientSampleId :
 RBR-59

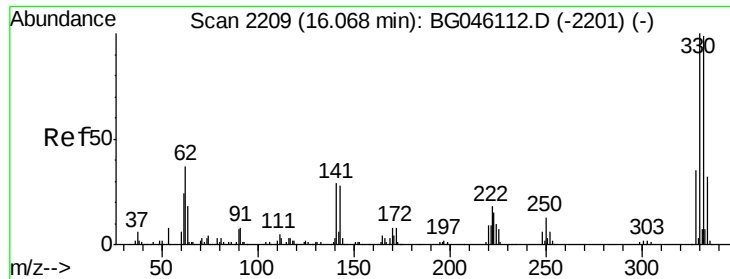
Tot Ion	82	Resp	380161
Ion Ratio	100		
Lower	34.4		
Upper	51.6		
54	48.8	40.8	61.2



#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

Tgt Ion	164	Resp	250213
Ion Ratio	100		
Lower	80.6		
Upper	121.0		
162	102.6	34.9	52.3





#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

Instrument :

BNA_G

ClientSampled :

RBR-59

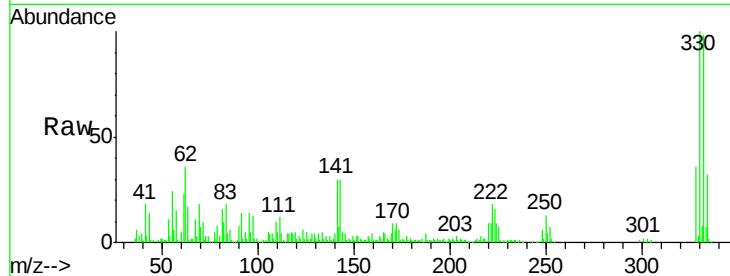
Tot Ion:330 Resp: 295318

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.2

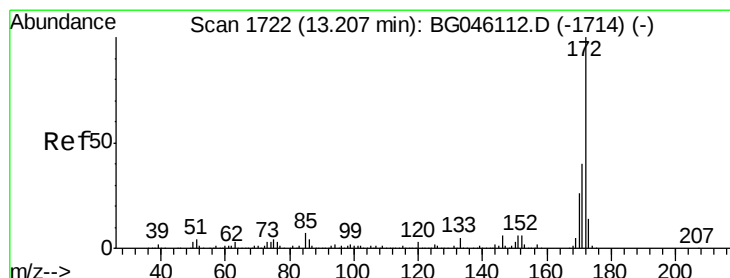
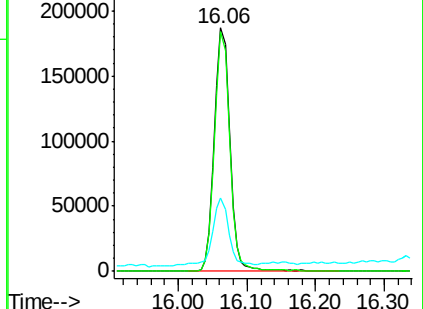
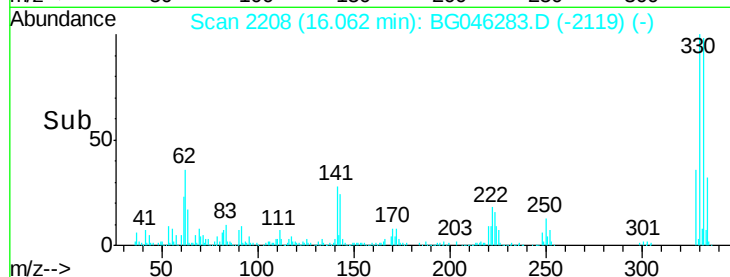
141 29.8 23.4 35.0



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

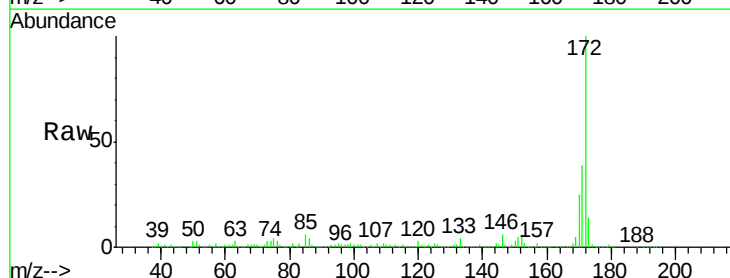
Tgt Ion:172 Resp: 916724

Ion Ratio Lower Upper

172 100

171 38.6 31.7 47.5

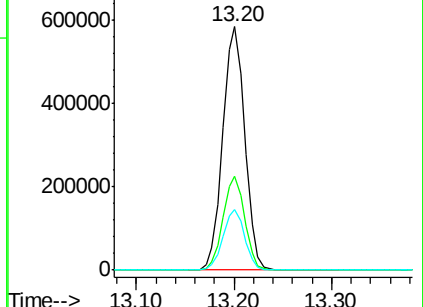
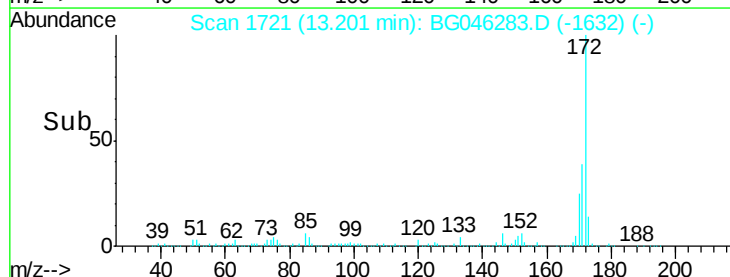
170 24.8 20.9 31.3

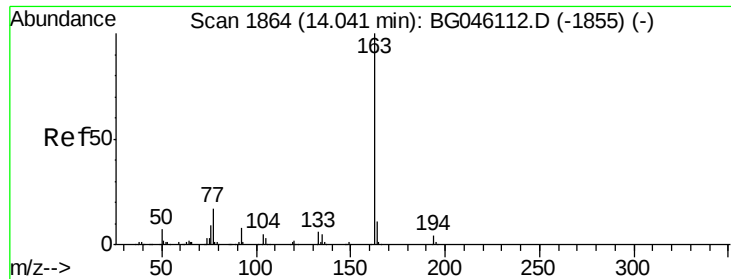


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

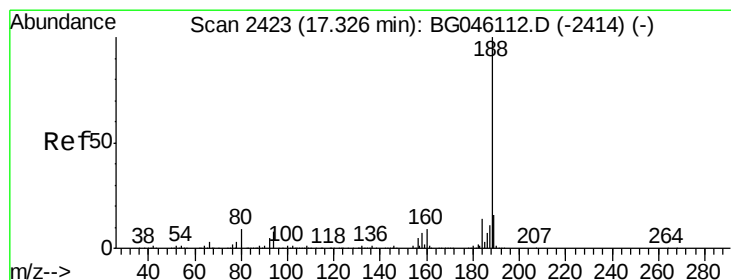
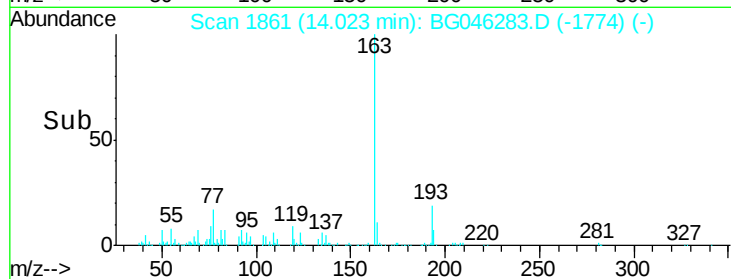
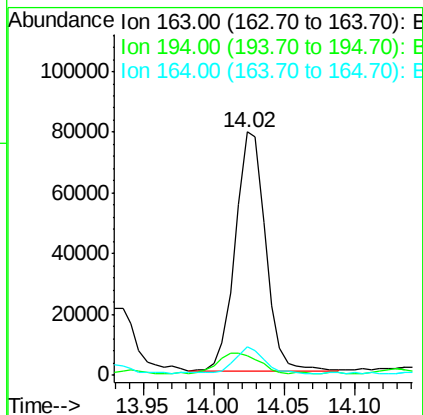
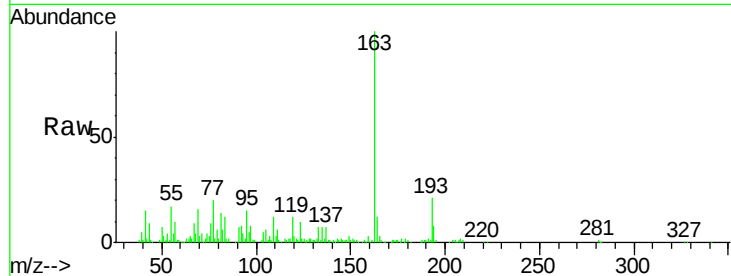




#50
Dimethylphthalate
Concen: 6.122 ng
RT: 14.02 min Scan# 1861
Delta R.T. -0.02 min
Lab File: BG046283.D
Acq: 14 Aug 2020 20:01

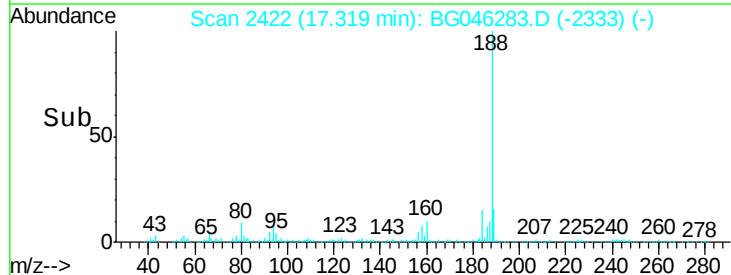
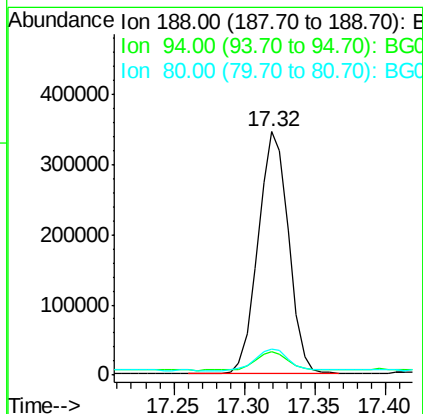
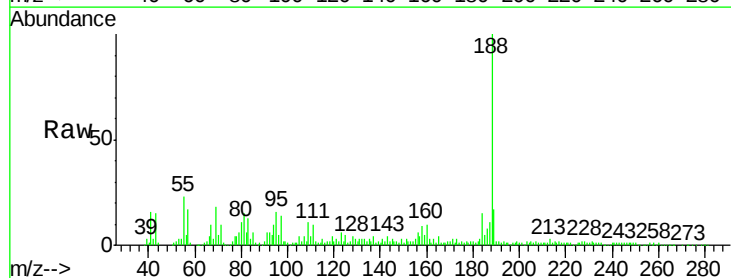
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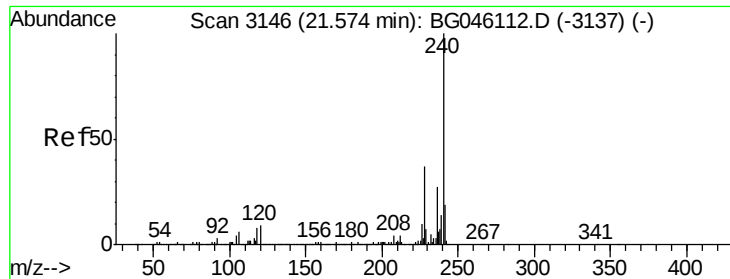
Tot Ion:163 Resp: 117575
Ion Ratio Lower Upper
163 100
194 8.1 3.5 5.3#
164 11.9 8.8 13.2



#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

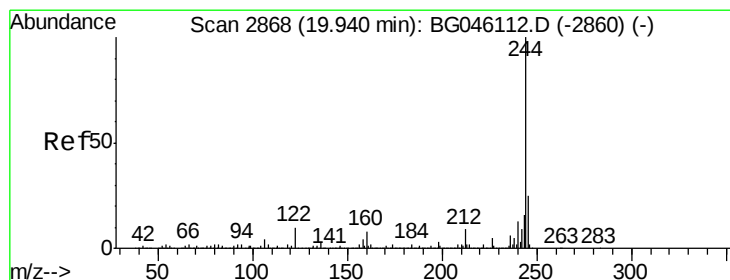
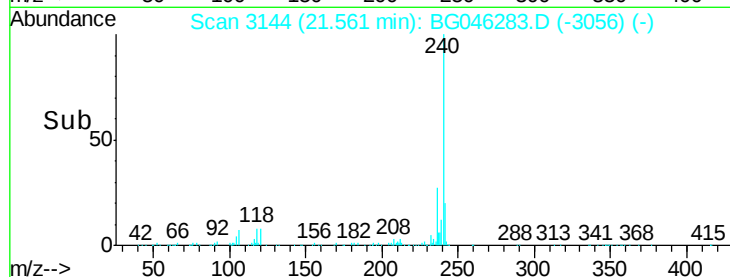
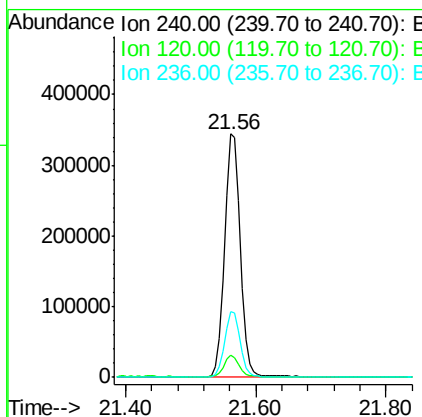
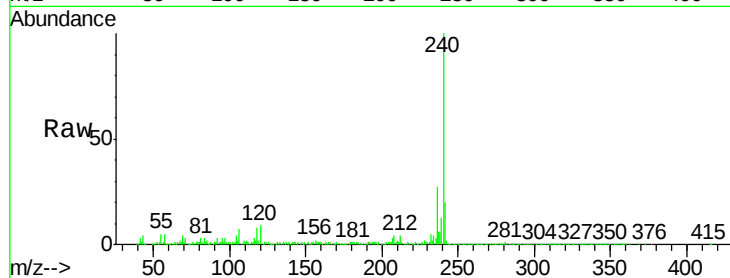




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.56 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG046283.D
 Acq: 14 Aug 2020 20:01

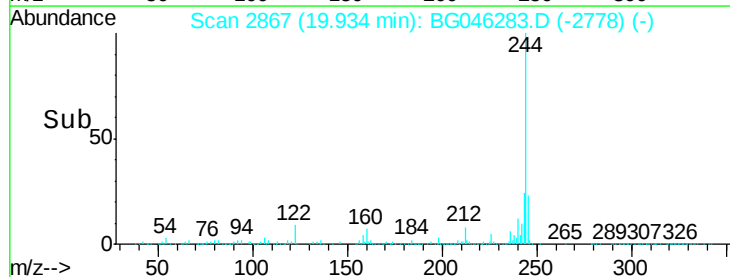
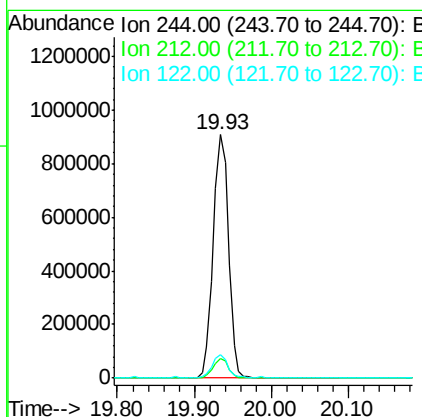
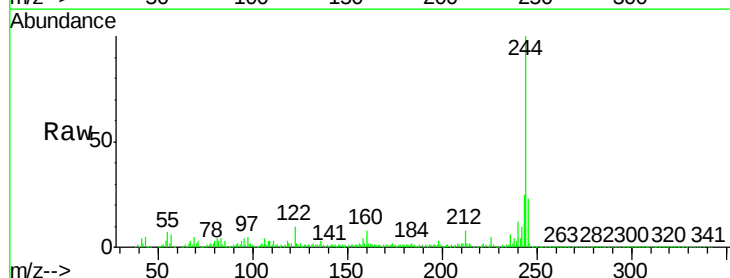
Instrument :
 BNA_G
 ClientSampleId :
 RBR-59

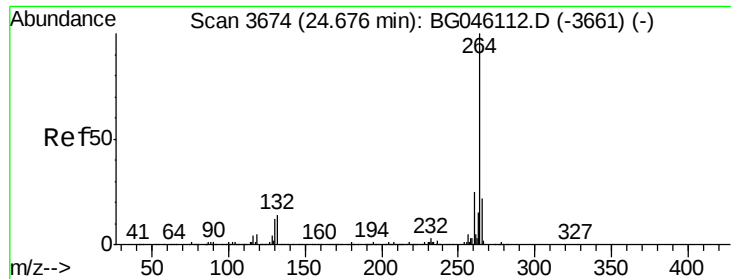
Tot Ion:240 Resp: 575842
 Ion Ratio Lower Upper
 240 100
 120 9.2 7.1 10.7
 236 27.1 21.7 32.5



#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

