

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080122\
 Data File : BG054466.D
 Acq On : 1 Aug 2022 15:58
 Operator : CG/JU
 Sample : N3896-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-66

Quant Time: Aug 02 05:45:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 04:30:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

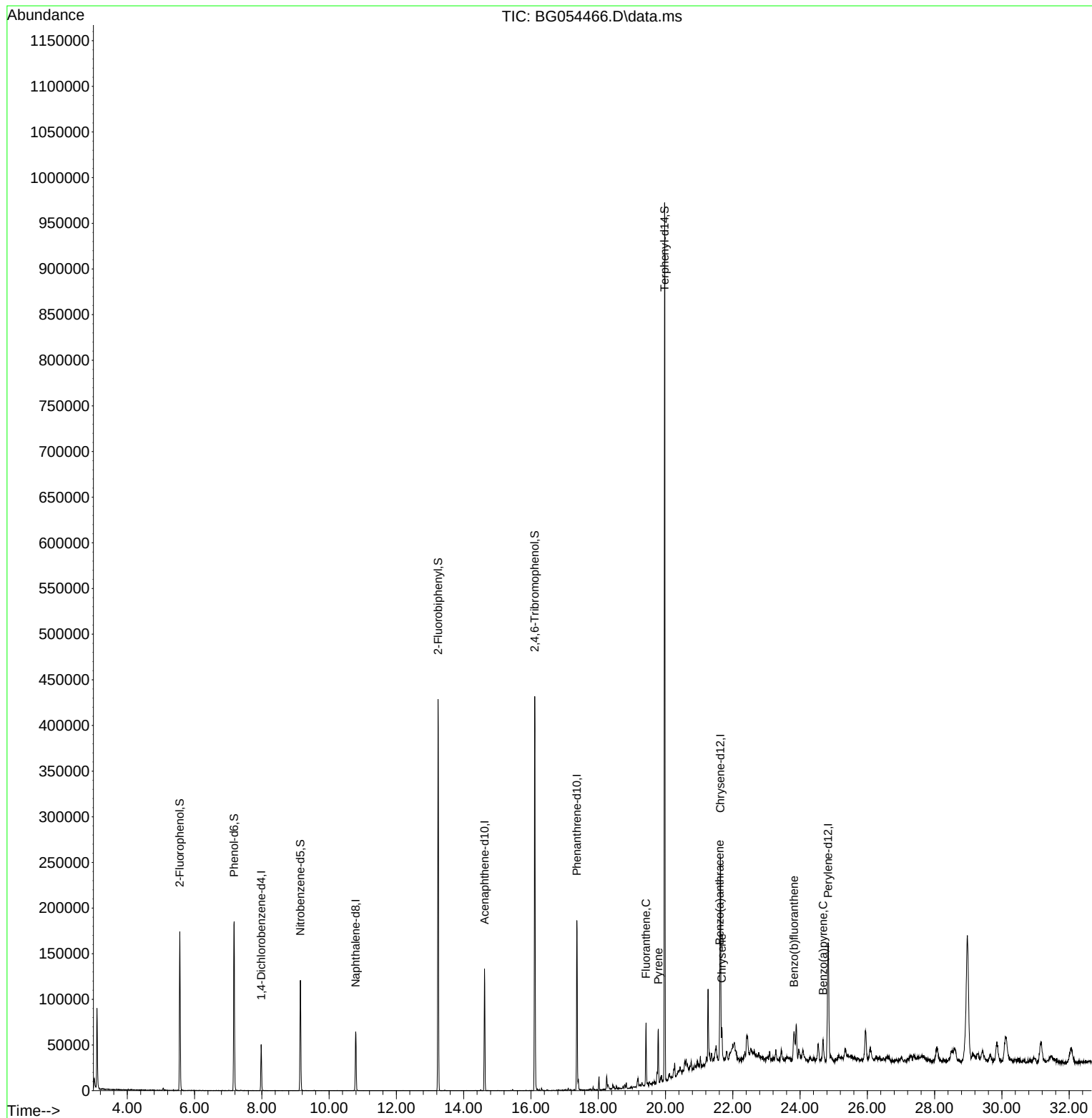
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.982	152	15487	20.000	ng	0.00
21) Naphthalene-d8	10.790	136	61935	20.000	ng	# 0.00
39) Acenaphthene-d10	14.621	164	52023	20.000	ng	0.00
64) Phenanthrene-d10	17.365	188	133675	20.000	ng	# 0.00
76) Chrysene-d12	21.630	240	147043	20.000	ng	# 0.00
86) Perylene-d12	24.833	264	155474	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.561	112	77892	105.010	ng	0.00
7) Phenol-d6	7.177	99	107986	106.245	ng	0.00
23) Nitrobenzene-d5	9.145	82	74999	65.944	ng	0.00
42) 2,4,6-Tribromophenol	16.113	330	117516	107.587	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	247565	67.132	ng	0.00
79) Terphenyl-d14	19.974	244	560919	75.675	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.421	202	46614	5.137	ng	95
78) Pyrene	19.786	202	42377	5.023	ng	97
81) Benzo(a)anthracene	21.613	228	26596	2.849	ng	96
83) Chrysene	21.677	228	27945	3.169	ng	98
88) Benzo(b)fluoranthene	23.822	252	44174	4.804	ng	# 94
90) Benzo(a)pyrene	24.686	252	24970	3.180	ng	96

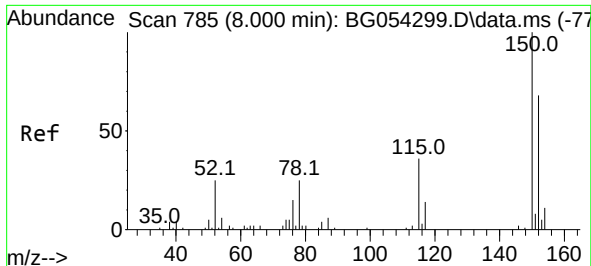
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 28 04:30:50 2022
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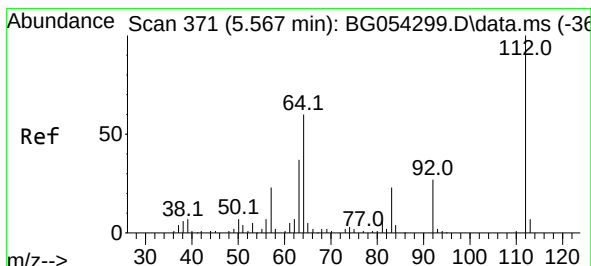
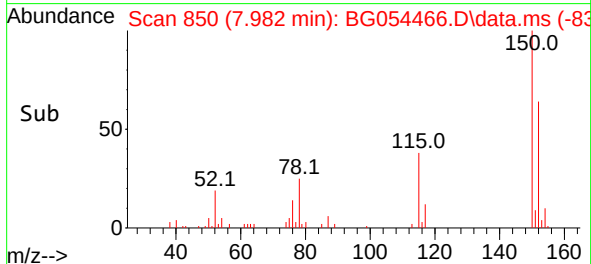
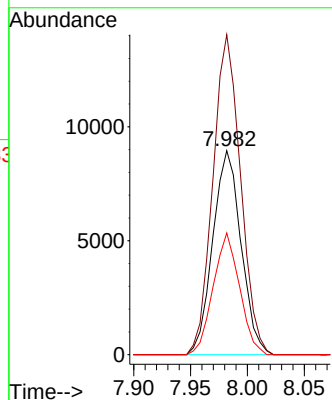
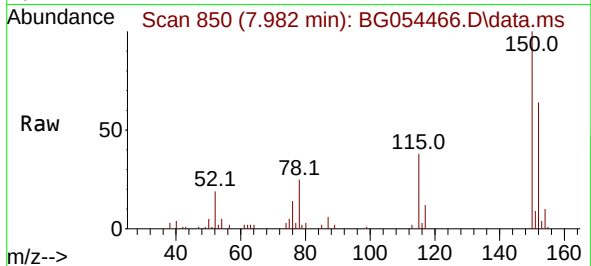




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.982 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054466.D
Acq: 1 Aug 2022 15:58

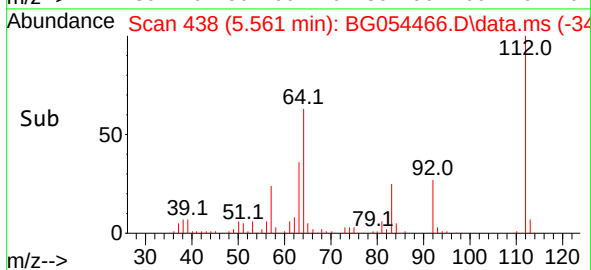
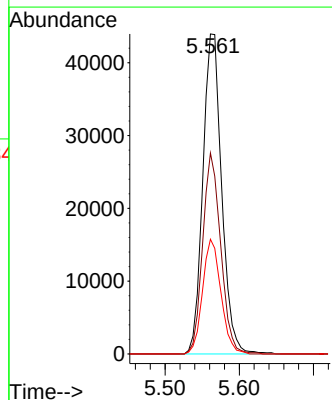
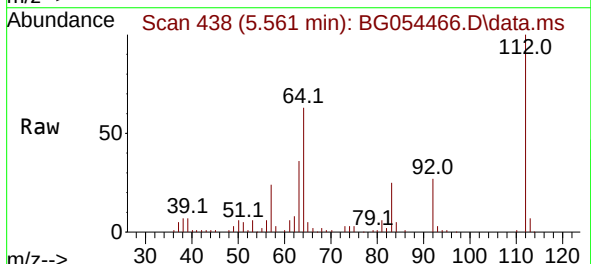
Instrument :
BNA_G
ClientSampleId :
RVE-66

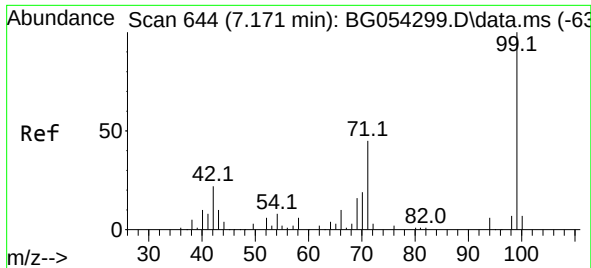
Tgt Ion:152 Resp: 15487
Ion Ratio Lower Upper
152 100
150 156.9 131.6 197.4
115 59.7 50.9 76.3



#5
2-Fluorophenol
Concen: 105.010 ng
RT: 5.561 min Scan# 438
Delta R.T. -0.001 min
Lab File: BG054466.D
Acq: 1 Aug 2022 15:58

Tgt Ion:112 Resp: 77892
Ion Ratio Lower Upper
112 100
64 62.8 55.1 82.7
63 35.8 30.4 45.6

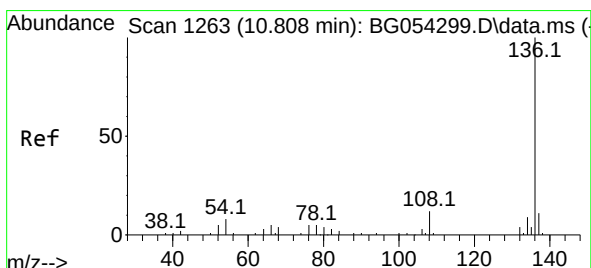
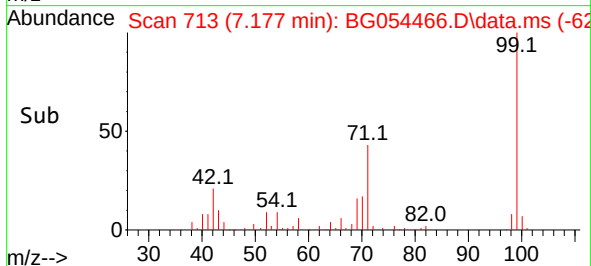
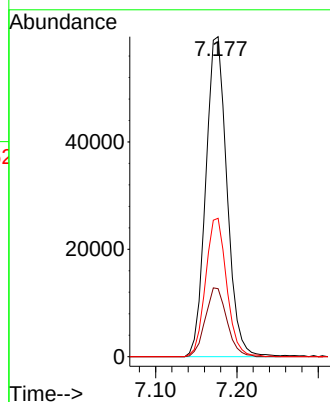
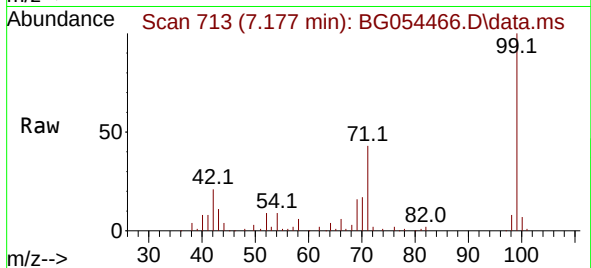




#7
Phenol-d6
Concen: 106.245 ng
RT: 7.177 min Scan# 71
Delta R.T. 0.005 min
Lab File: BG054466.D
Acq: 1 Aug 2022 15:58

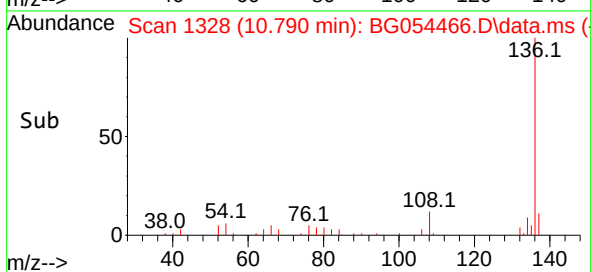
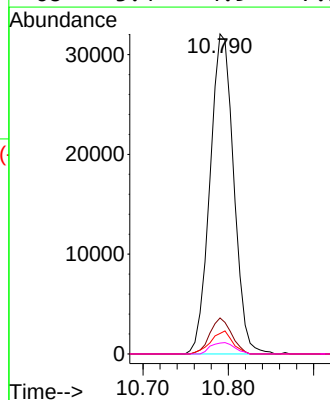
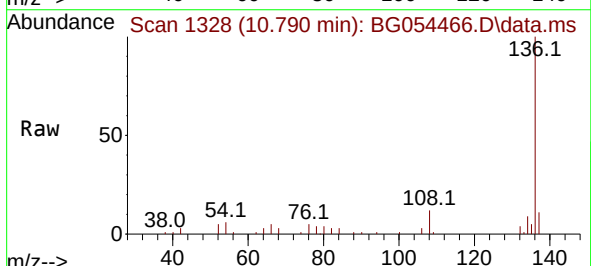
Instrument :
BNA_G
ClientSampleId :
RVE-66

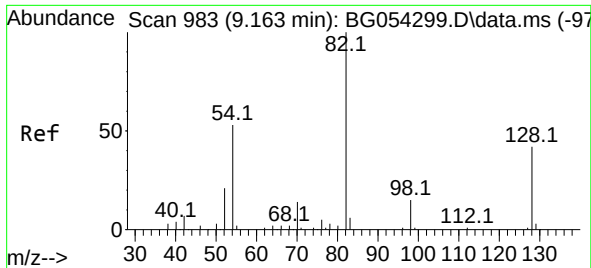
Tgt Ion: 99 Resp: 107986
Ion Ratio Lower Upper
99 100
42 21.2 17.0 25.6
71 43.2 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.790 min Scan# 1328
Delta R.T. -0.007 min
Lab File: BG054466.D
Acq: 1 Aug 2022 15:58

Tgt Ion: 136 Resp: 61935
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 6.4 7.4 11.2#
68 3.4 4.9 7.3#

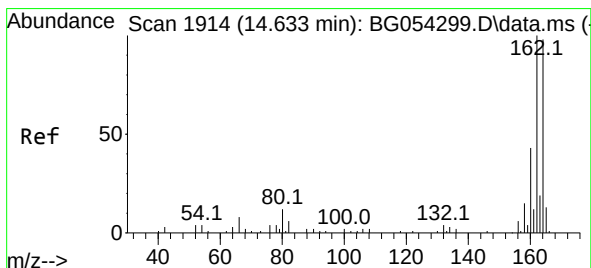
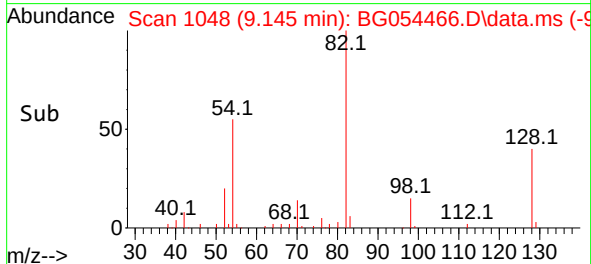
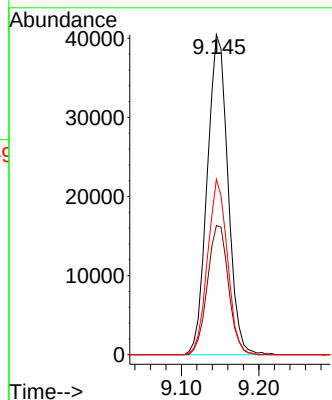
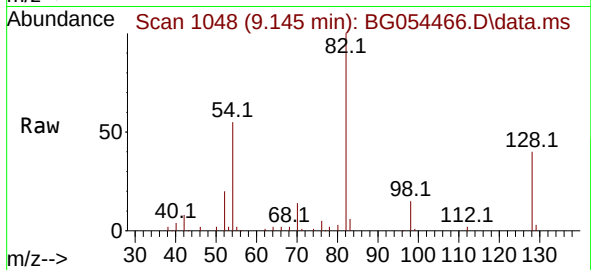




#23
Nitrobenzene-d5
Concen: 65.944 ng
RT: 9.145 min Scan# 1048
Delta R.T. -0.007 min
Lab File: BG054466.D
Acq: 1 Aug 2022 15:58

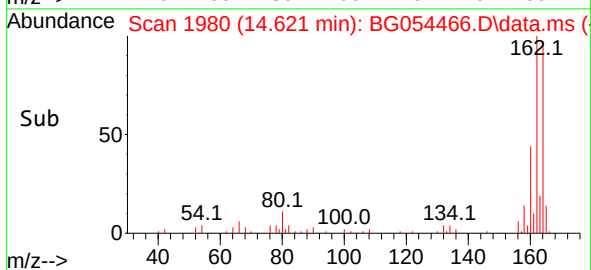
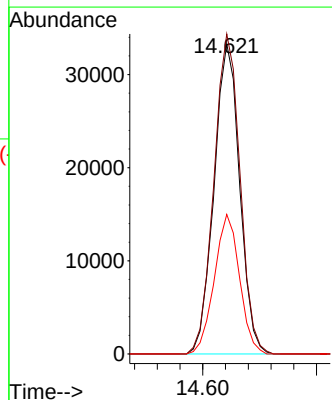
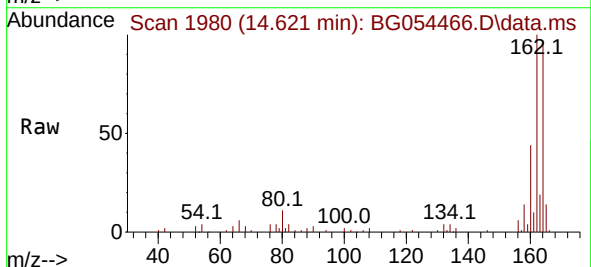
Instrument :
BNA_G
ClientSampleId :
RVE-66

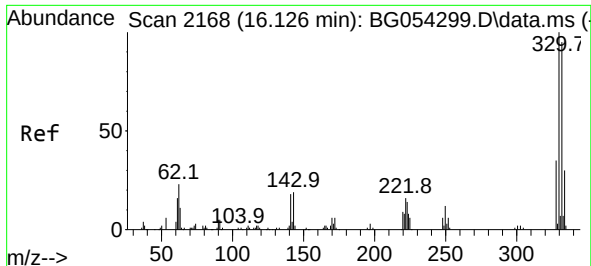
Tgt Ion: 82 Resp: 74999
Ion Ratio Lower Upper
82 100
128 40.4 27.9 41.9
54 54.8 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.621 min Scan# 1980
Delta R.T. -0.001 min
Lab File: BG054466.D
Acq: 1 Aug 2022 15:58

Tgt Ion:164 Resp: 52023
Ion Ratio Lower Upper
164 100
162 103.2 82.3 123.5
160 45.0 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 107.587 ng

RT: 16.113 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG054466.D

Acq: 1 Aug 2022 15:58

Instrument :

BNA_G

ClientSampleId :

RVE-66

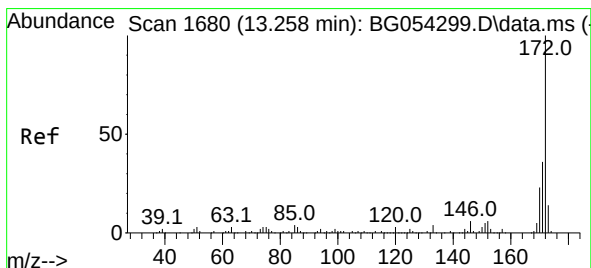
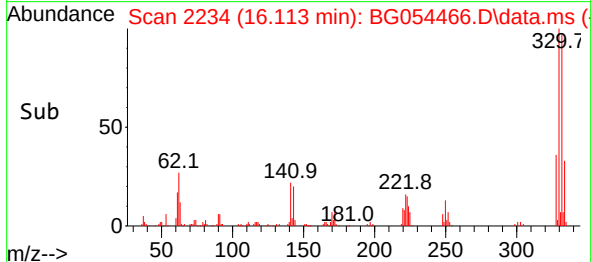
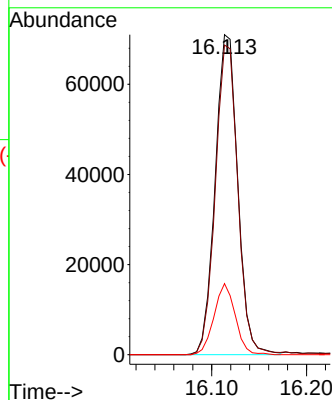
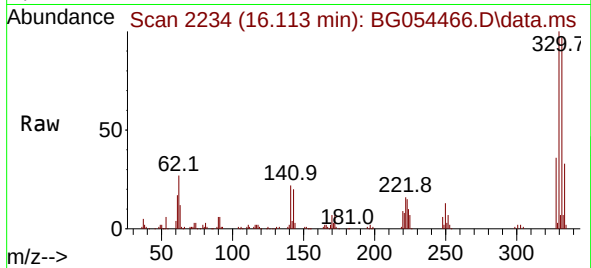
Tgt Ion:330 Resp: 117516

Ion Ratio Lower Upper

330 100

332 96.6 76.0 114.0

141 20.8 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 67.132 ng

RT: 13.240 min Scan# 1745

Delta R.T. -0.007 min

Lab File: BG054466.D

Acq: 1 Aug 2022 15:58

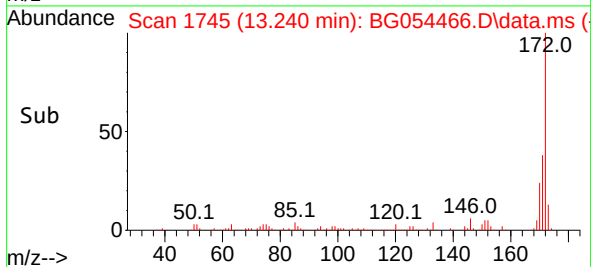
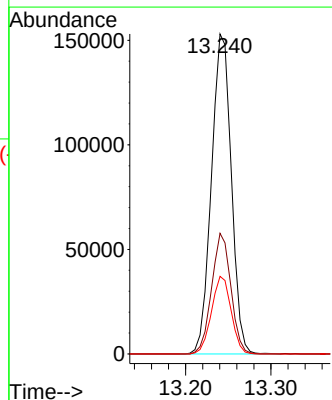
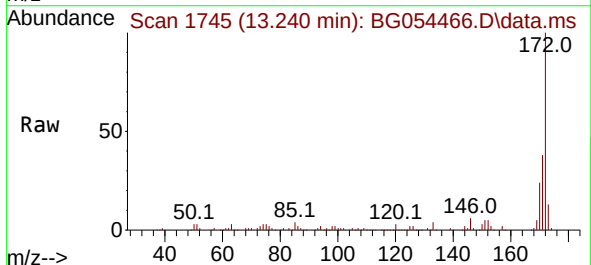
Tgt Ion:172 Resp: 247565

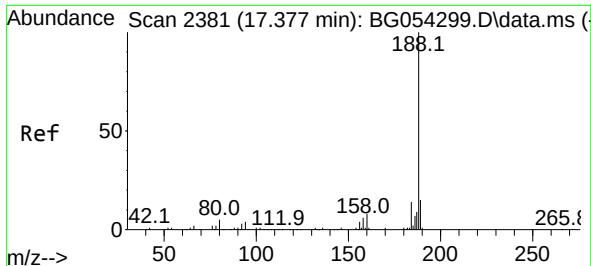
Ion Ratio Lower Upper

172 100

171 37.7 28.5 42.7

170 24.3 18.9 28.3

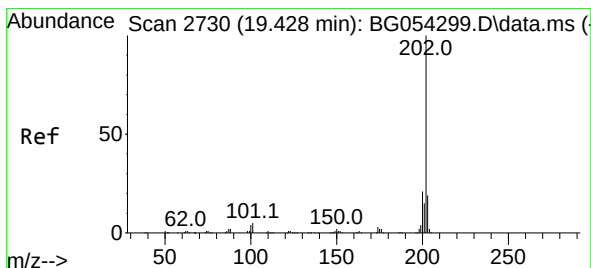
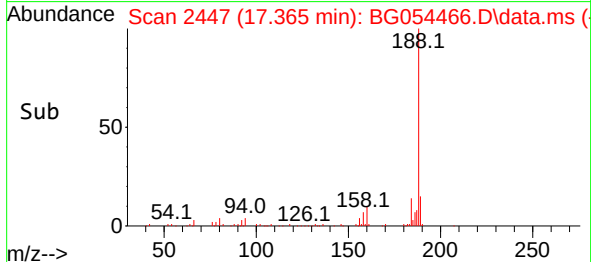
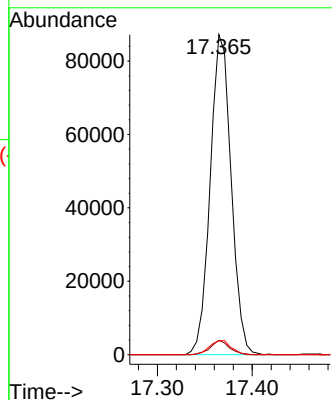
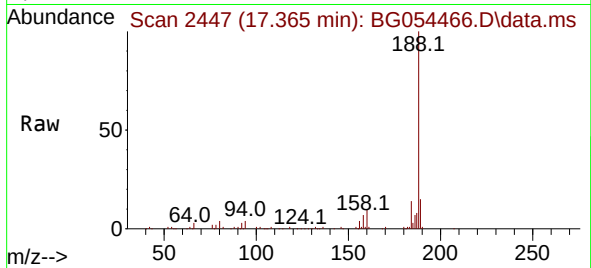




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.365 min Scan# 2447
Delta R.T. -0.007 min
Lab File: BG054466.D
Acq: 1 Aug 2022 15:58

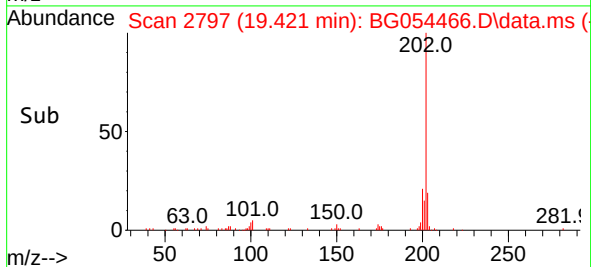
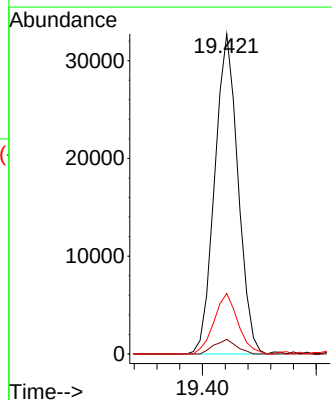
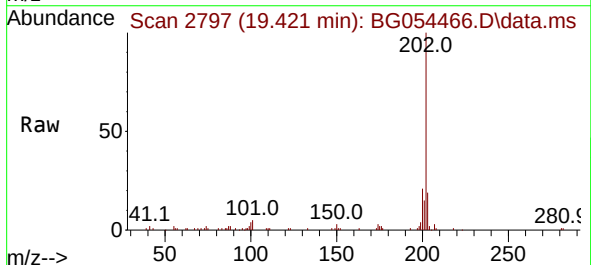
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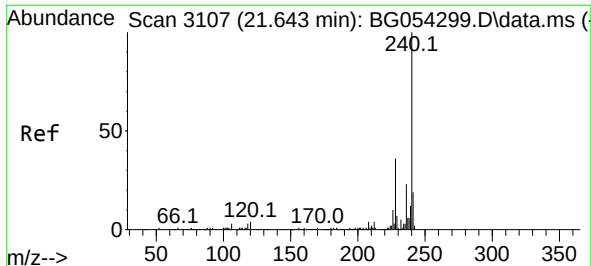
Tgt Ion:188 Resp: 133675
Ion Ratio Lower Upper
188 100
94 4.5 5.4 8.0#
80 4.3 6.8 10.2#



#75
Fluoranthene
Concen: 5.137 ng
RT: 19.421 min Scan# 2797
Delta R.T. -0.001 min
Lab File: BG054466.D
Acq: 1 Aug 2022 15:58

Tgt Ion:202 Resp: 46614
Ion Ratio Lower Upper
202 100
101 4.5 0.0 26.9
203 18.9 0.0 37.2

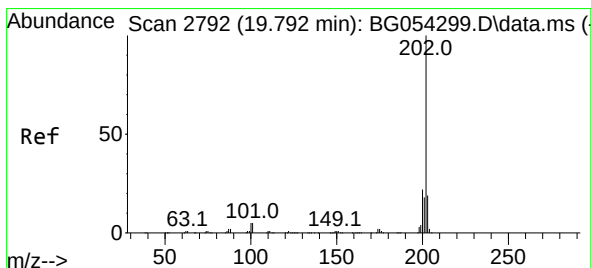
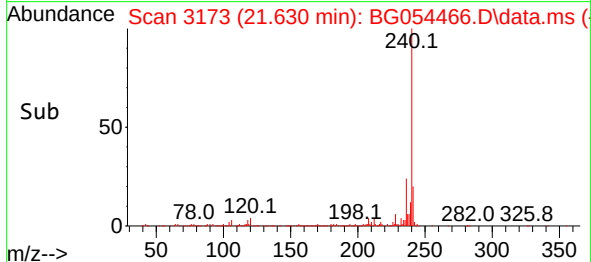
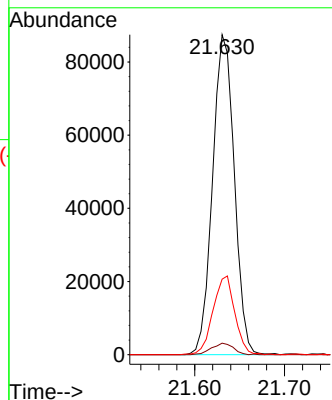
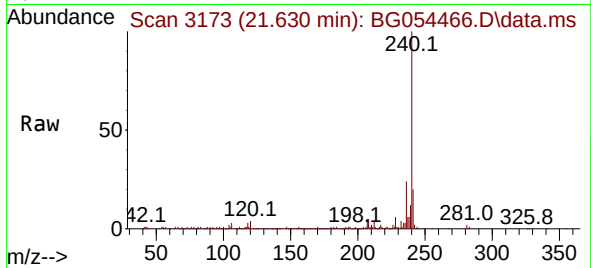




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG054466.D
Acq: 1 Aug 2022 15:58

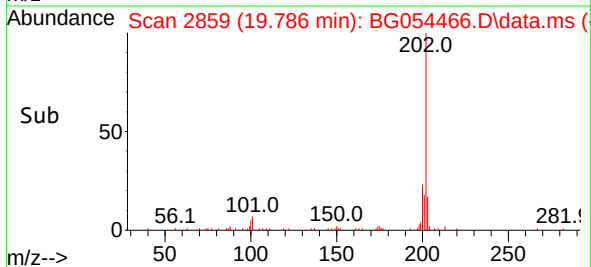
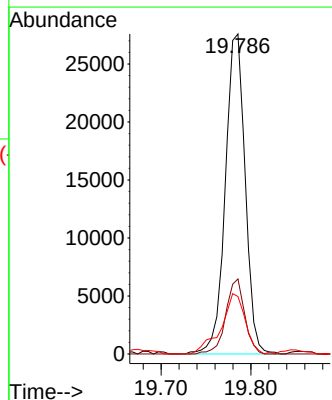
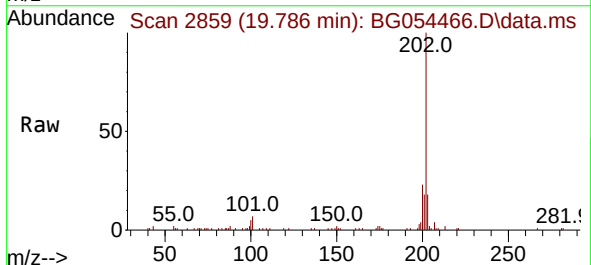
Instrument :
BNA_G
ClientSampleId :
RVE-66

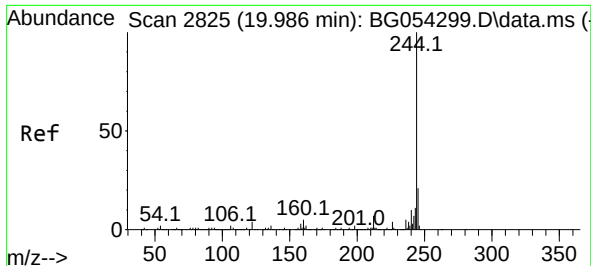
Tgt Ion:240 Resp: 147043
Ion Ratio Lower Upper
240 100
120 3.6 4.6 7.0#
236 23.6 20.2 30.4



#78
Pyrene
Concen: 5.023 ng
RT: 19.786 min Scan# 2859
Delta R.T. -0.001 min
Lab File: BG054466.D
Acq: 1 Aug 2022 15:58

Tgt Ion:202 Resp: 42377
Ion Ratio Lower Upper
202 100
200 23.4 16.6 24.8
203 17.9 14.6 21.8

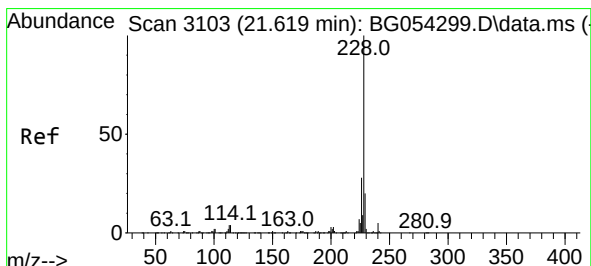
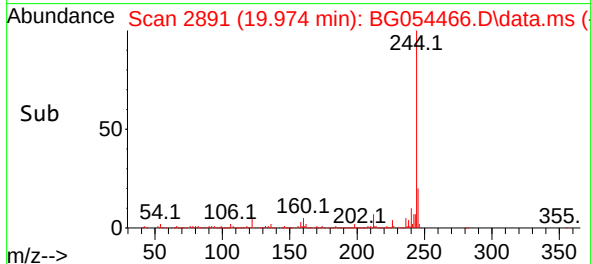
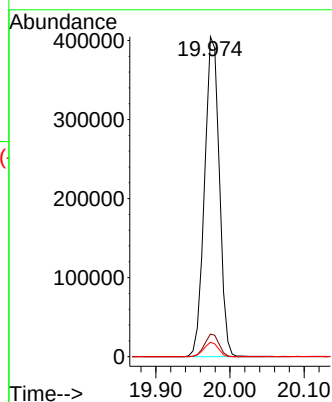
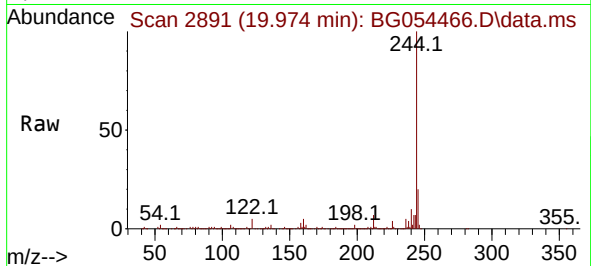




#79
 Terphenyl-d14
 Concen: 75.675 ng
 RT: 19.974 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG054466.D
 Acq: 1 Aug 2022 15:58

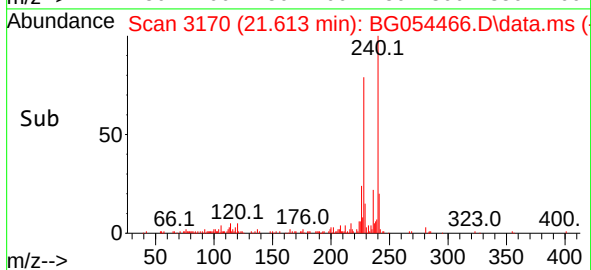
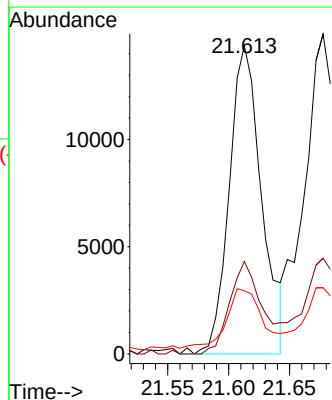
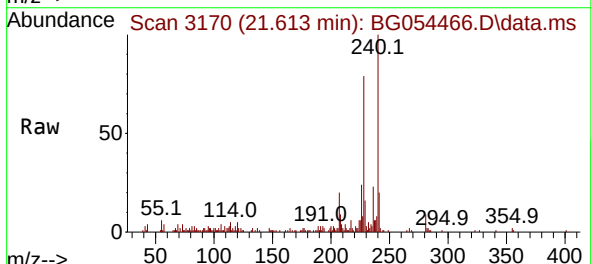
Instrument :
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 RVE-66

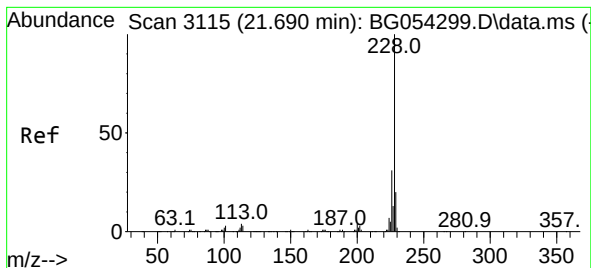
Tgt Ion:244 Resp: 560919
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 4.5 5.0 7.4#



#81
 Benzo(a)anthracene
 Concen: 2.849 ng
 RT: 21.613 min Scan# 3170
 Delta R.T. -0.001 min
 Lab File: BG054466.D
 Acq: 1 Aug 2022 15:58

Tgt Ion:228 Resp: 26596
 Ion Ratio Lower Upper
 228 100
 226 30.0 21.6 32.4
 229 20.5 16.2 24.2





#83

Chrysene

Concen: 3.169 ng

RT: 21.677 min Scan# 3115

Delta R.T. -0.007 min

Lab File: BG054466.D

Acq: 1 Aug 2022 15:58

Instrument :

BNA_G

ClientSampleId :

RVE-66

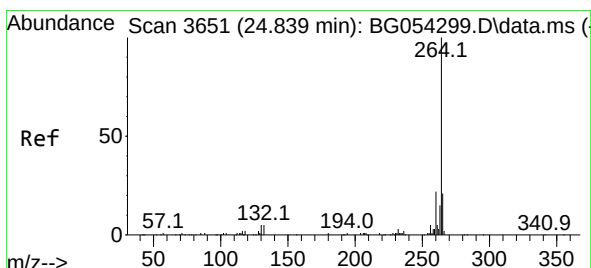
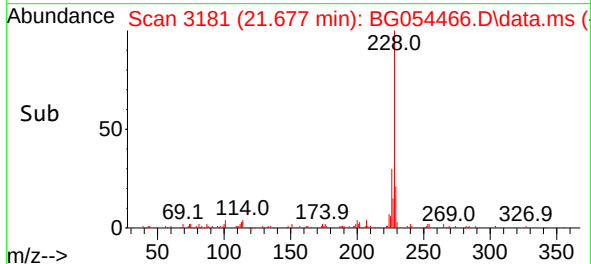
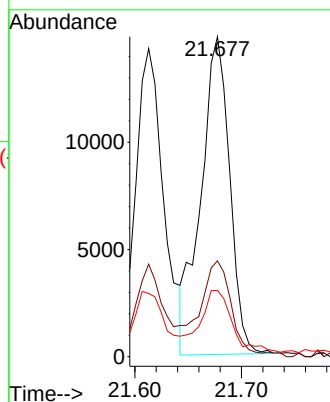
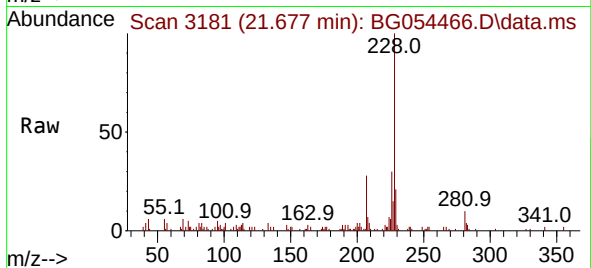
Tgt Ion:228 Resp: 27945

Ion Ratio Lower Upper

228 100

226 29.9 23.4 35.2

229 20.7 15.5 23.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.833 min Scan# 3718

Delta R.T. -0.001 min

Lab File: BG054466.D

Acq: 1 Aug 2022 15:58

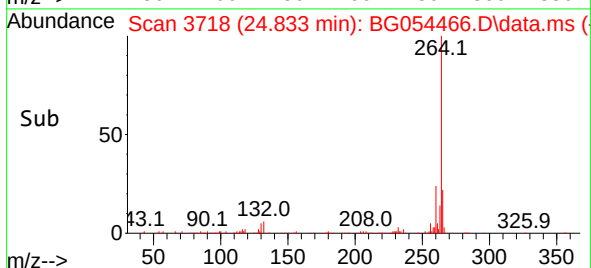
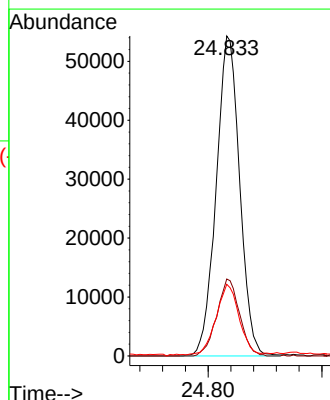
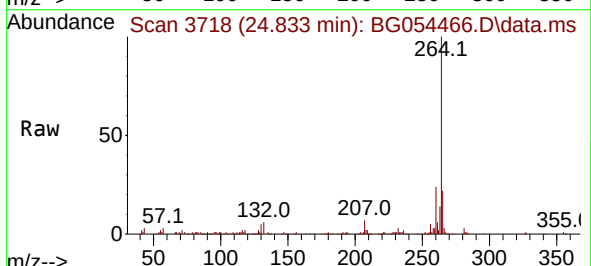
Tgt Ion:264 Resp: 155474

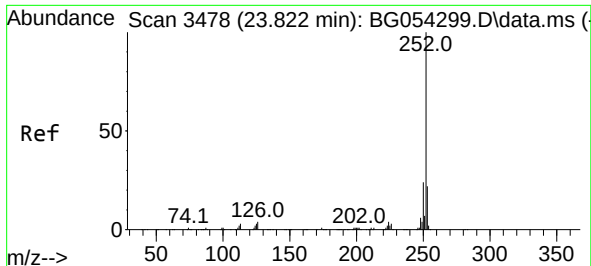
Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

265 22.4 17.4 26.2

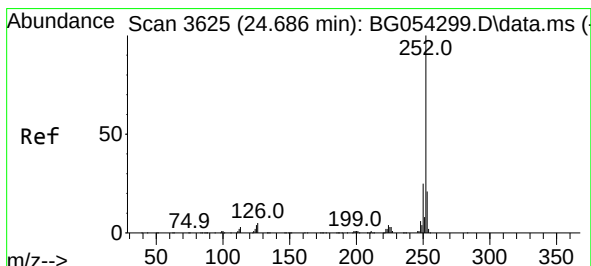
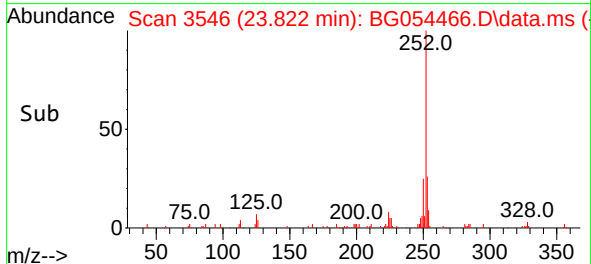
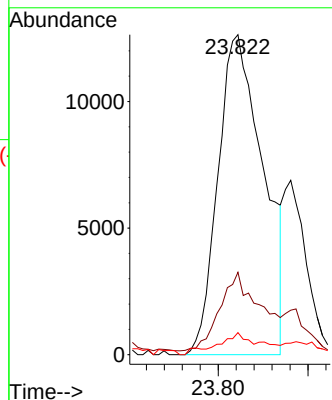
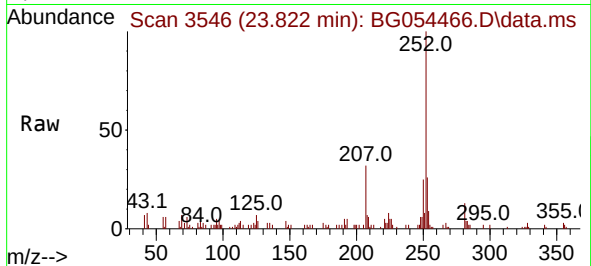




#88
Benzo(b)fluoranthene
Concen: 4.804 ng
RT: 23.822 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG054466.D
Acq: 1 Aug 2022 15:58

Instrument :
BNA_G
ClientSampleId :
RVE-66

Tgt Ion:252 Resp: 44174
Ion Ratio Lower Upper
252 100
253 25.7 18.0 27.0
125 6.9 4.6 6.8#



#90
Benzo(a)pyrene
Concen: 3.180 ng
RT: 24.686 min Scan# 3693
Delta R.T. -0.001 min
Lab File: BG054466.D
Acq: 1 Aug 2022 15:58

Tgt Ion:252 Resp: 24970
Ion Ratio Lower Upper
252 100
253 20.4 17.8 26.8
125 4.8 4.3 6.5

