

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072922\
 Data File : BG054447.D
 Acq On : 29 Jul 2022 13:24
 Operator : CG/JU
 Sample : N3895-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-43

Quant Time: Jul 30 03:17:55 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)

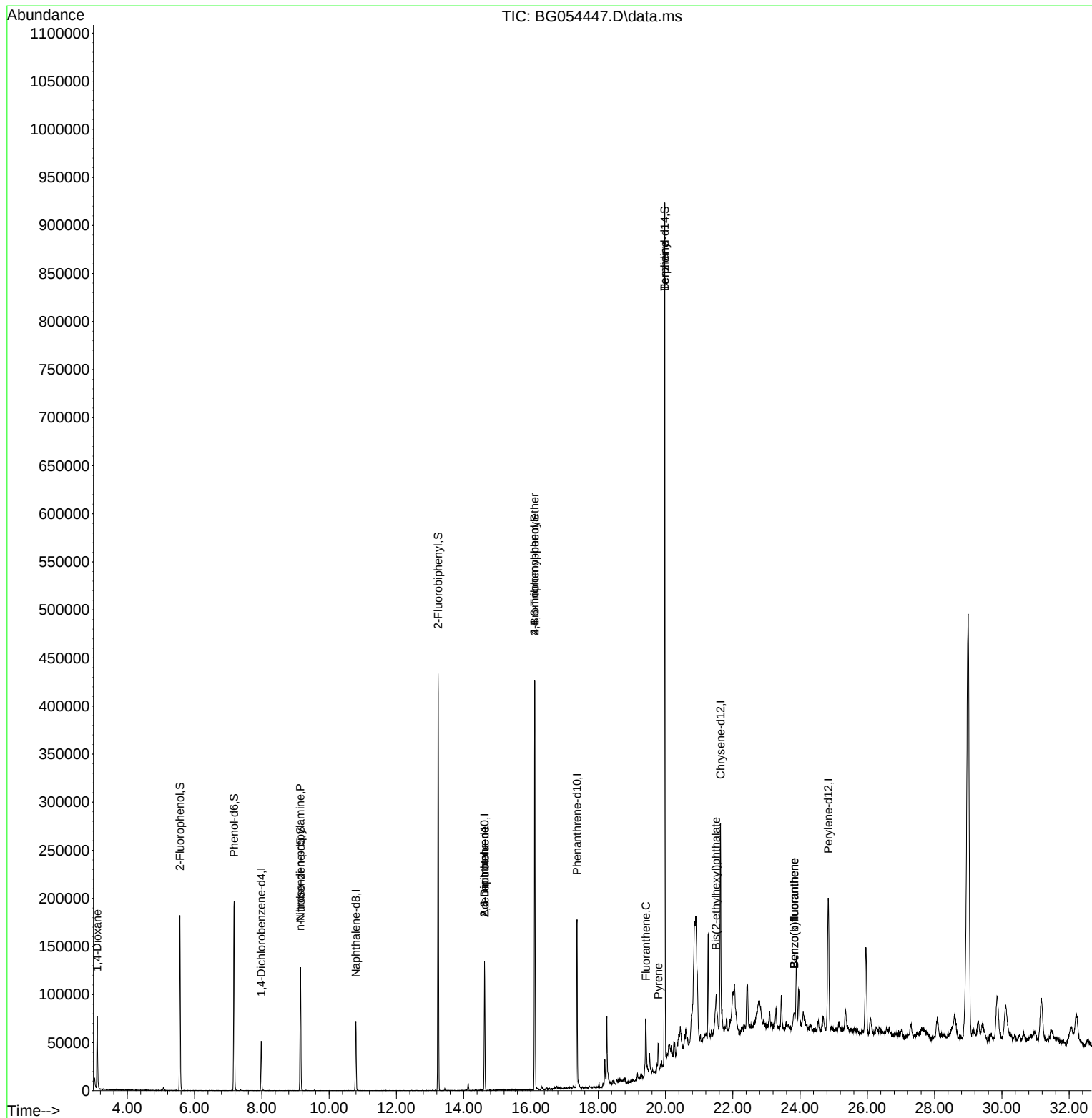
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.982	152	16647	20.000	ng	# 0.00
21) Naphthalene-d8	10.797	136	66234	20.000	ng	# 0.00
39) Acenaphthene-d10	14.621	164	51374	20.000	ng	0.00
64) Phenanthrene-d10	17.371	188	126715	20.000	ng	# 0.00
76) Chrysene-d12	21.637	240	142372	20.000	ng	# 0.00
86) Perylene-d12	24.839	264	151594	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.567	112	83406	104.609	ng	0.00
7) Phenol-d6	7.177	99	115563	105.777	ng	0.00
23) Nitrobenzene-d5	9.151	82	78824	64.808	ng	0.00
42) 2,4,6-Tribromophenol	16.114	330	113159	104.907	ng	0.00
45) 2-Fluorobiphenyl	13.241	172	251346	69.018	ng	0.00
79) Terphenyl-d14	19.980	244	510572	71.143	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.106	88	866	2.730	ng	# 1
9) Benzaldehyde	7.165	77	73	Below Cal		# 10
19) n-Nitroso-di-n-propyla...	9.146	70	10759	14.747	ng	# 77
51) 2,6-Dinitrotoluene	14.621	165	7071	8.034	ng	# 16
57) 2,4-Dinitrotoluene	14.621	165	7071	5.604	ng	# 21
67) 4-Bromophenyl-phenylether	16.114	248	6719	3.775	ng	# 1
75) Fluoranthene	19.422	202	18382	2.137	ng	93
77) Benzidine	19.980	184	6620	2.567	ng	# 89
78) Pyrene	19.786	202	20232	2.477	ng	95
84) Bis(2-ethylhexyl)phtha...	21.508	149	8097	2.248	ng	# 94
88) Benzo(b)fluoranthene	23.828	252	21139	2.358	ng	# 96
89) Benzo(k)fluoranthene	23.828	252	21139	2.369	ng	# 97

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

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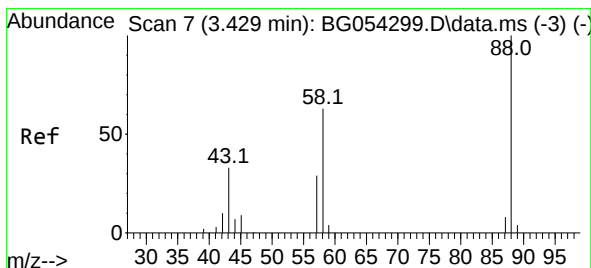
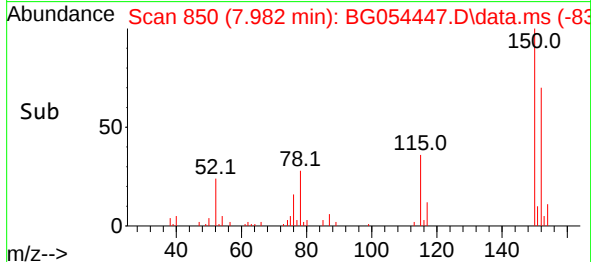
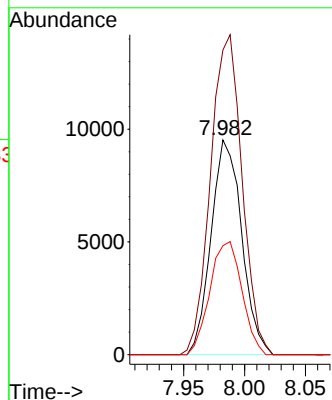
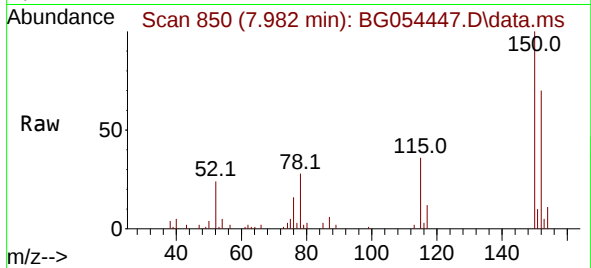




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.982 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BG054447.D
 Acq: 29 Jul 2022 13:24

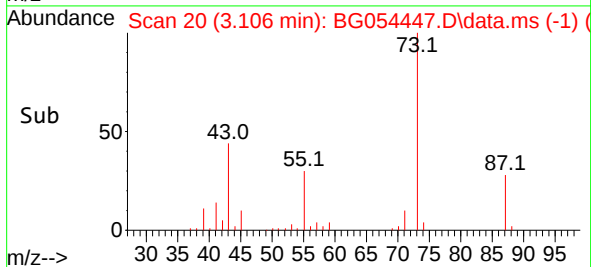
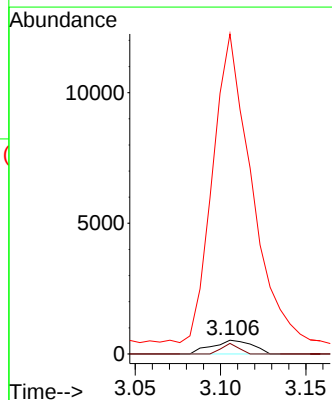
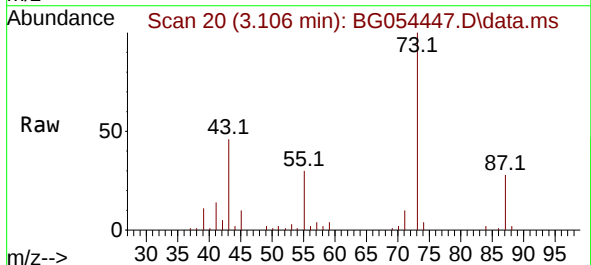
Instrument :
 BNA_G
 ClientSampleId :
 RVE-43

Tgt Ion:152 Resp: 16647
 Ion Ratio Lower Upper
 152 100
 150 141.9 131.6 197.4
 115 50.8 50.9 76.3#



#2
 1,4-Dioxane
 Concen: 2.730 ng
 RT: 3.106 min Scan# 20
 Delta R.T. -0.312 min
 Lab File: BG054447.D
 Acq: 29 Jul 2022 13:24

Tgt Ion: 88 Resp: 866
 Ion Ratio Lower Upper
 88 100
 58 32.1 59.2 88.8#
 43 2186.4 24.3 36.5#

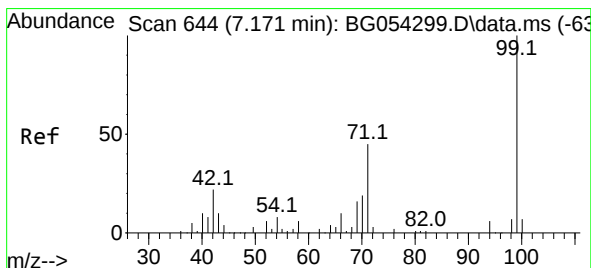
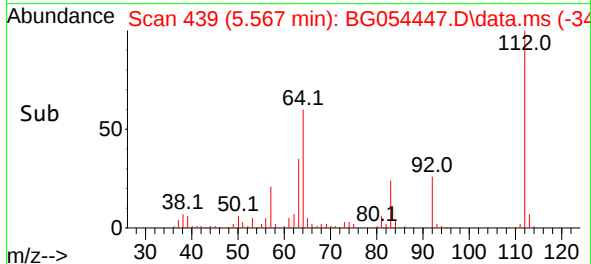
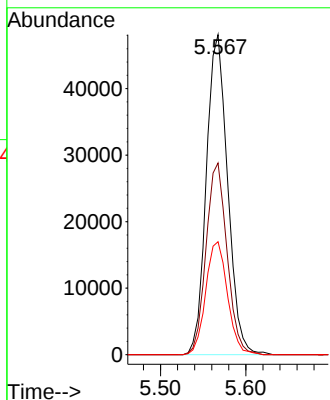
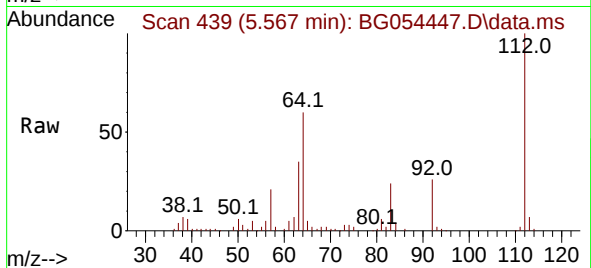




#5
2-Fluorophenol
Concen: 104.609 ng
RT: 5.567 min Scan# 41
Delta R.T. 0.006 min
Lab File: BG054447.D
Acq: 29 Jul 2022 13:24

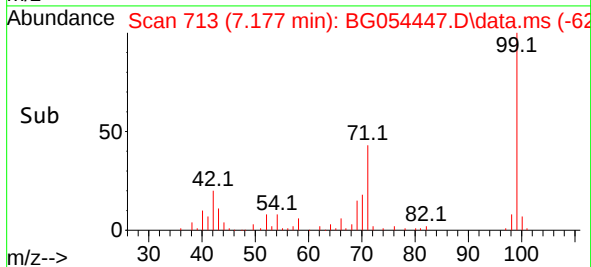
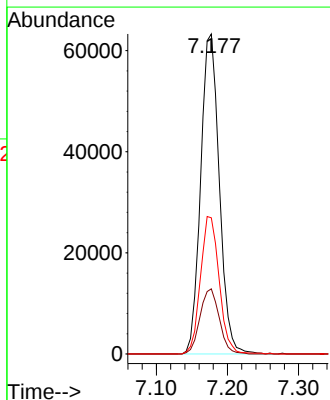
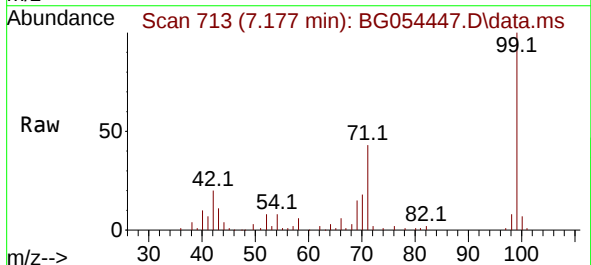
Instrument :
BNA_G
ClientSampleId :
RVE-43

Tgt Ion:112 Resp: 83406
Ion Ratio Lower Upper
112 100
64 59.9 55.1 82.7
63 35.3 30.4 45.6



#7
Phenol-d6
Concen: 105.777 ng
RT: 7.177 min Scan# 713
Delta R.T. 0.006 min
Lab File: BG054447.D
Acq: 29 Jul 2022 13:24

Tgt Ion: 99 Resp: 115563
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.6
71 42.6 33.8 50.8

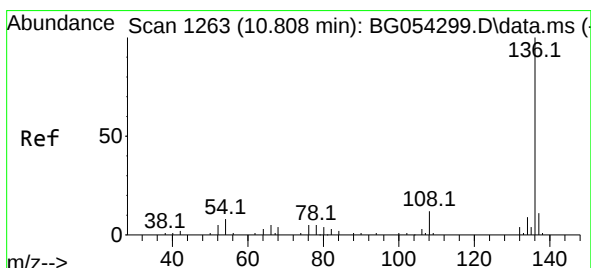
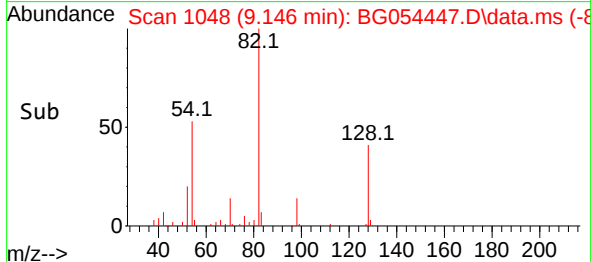
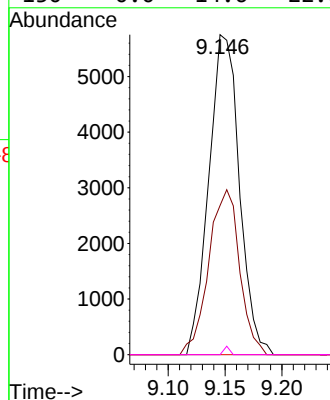
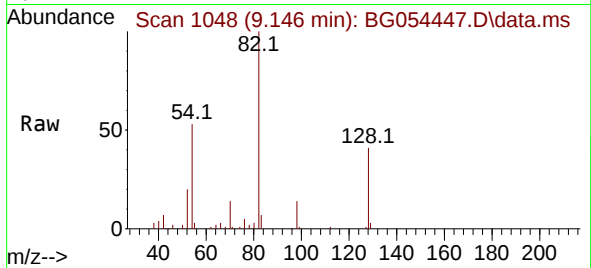




#19
n-Nitroso-di-n-propylamine
Concen: 14.747 ng
RT: 9.146 min Scan# 1048
Delta R.T. 0.352 min
Lab File: BG054447.D
Acq: 29 Jul 2022 13:24

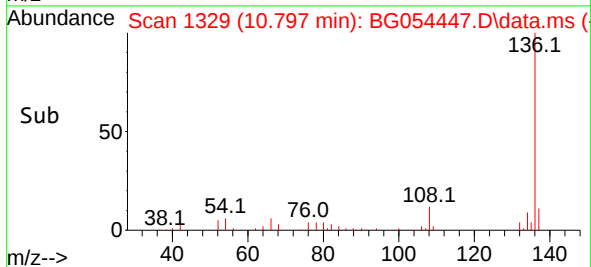
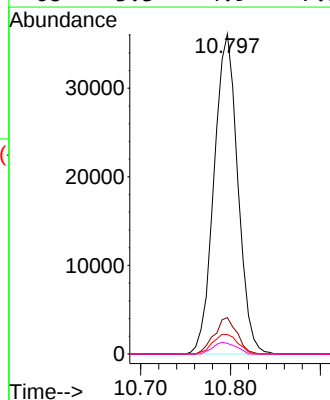
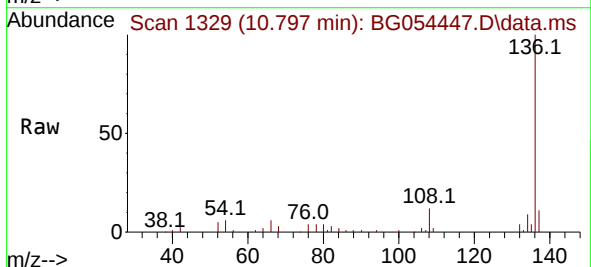
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ClientSampleId :
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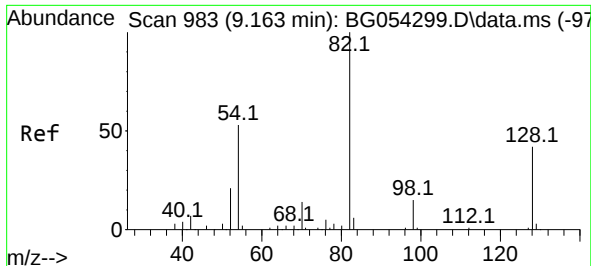
Tgt Ion: 70 Resp: 10759
Ion Ratio Lower Upper
70 100
42 46.6 47.3 70.9#
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.797 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BG054447.D
Acq: 29 Jul 2022 13:24

Tgt Ion: 136 Resp: 66234
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 6.0 7.4 11.2#
68 3.3 4.9 7.3#

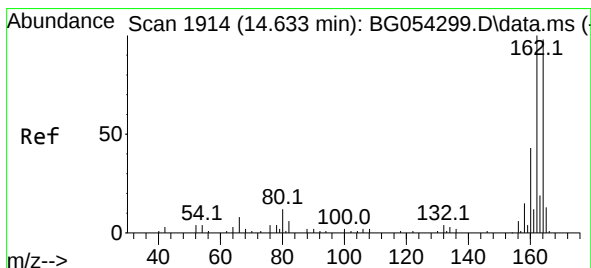
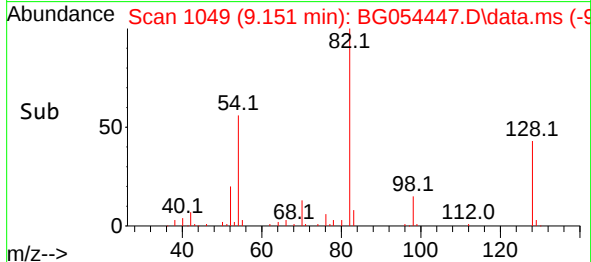
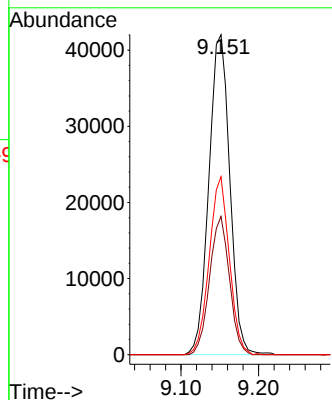
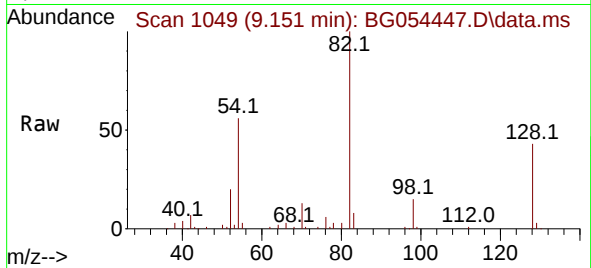




#23
Nitrobenzene-d5
Concen: 64.808 ng
RT: 9.151 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BG054447.D
Acq: 29 Jul 2022 13:24

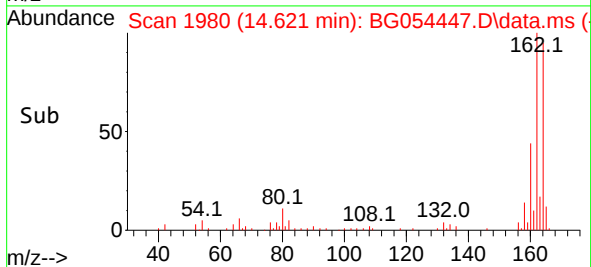
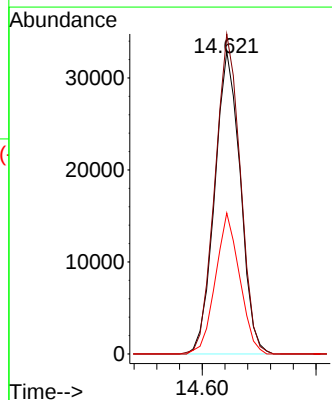
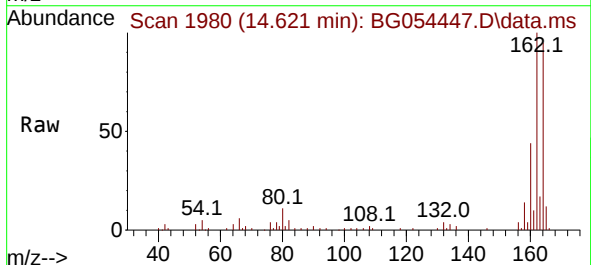
Instrument :
BNA_G
ClientSampleId :
RVE-43

Tgt Ion: 82 Resp: 78824
Ion Ratio Lower Upper
82 100
128 43.2 27.9 41.9#
54 55.6 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.621 min Scan# 1980
Delta R.T. -0.000 min
Lab File: BG054447.D
Acq: 29 Jul 2022 13:24

Tgt Ion:164 Resp: 51374
Ion Ratio Lower Upper
164 100
162 105.7 82.3 123.5
160 46.6 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 104.907 ng

RT: 16.114 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG054447.D

Acq: 29 Jul 2022 13:24

Instrument :

BNA_G

ClientSampleId :

RVE-43

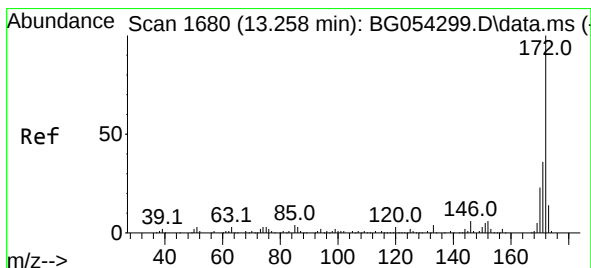
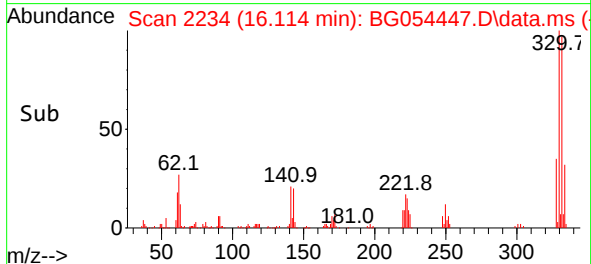
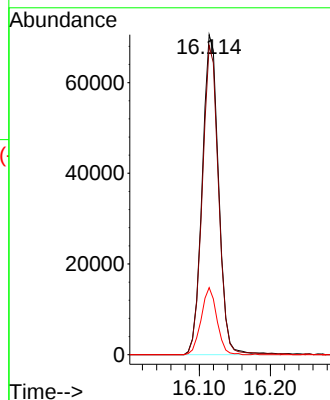
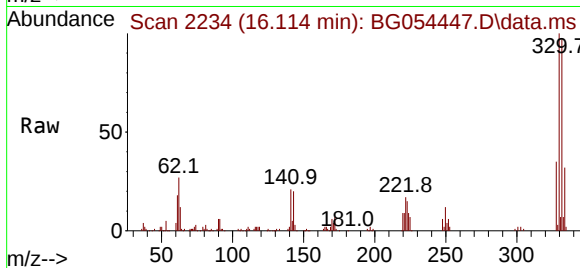
Tgt Ion:330 Resp: 113159

Ion Ratio Lower Upper

330 100

332 95.9 76.0 114.0

141 20.1 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 69.018 ng

RT: 13.241 min Scan# 1745

Delta R.T. -0.006 min

Lab File: BG054447.D

Acq: 29 Jul 2022 13:24

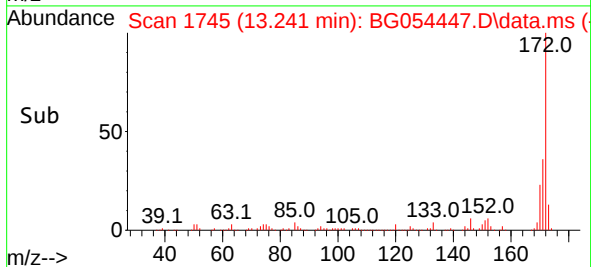
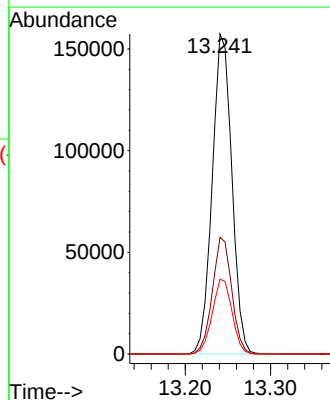
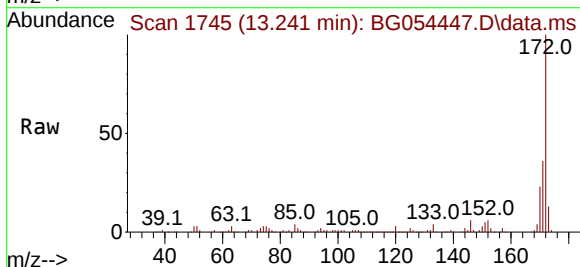
Tgt Ion:172 Resp: 251346

Ion Ratio Lower Upper

172 100

171 36.4 28.5 42.7

170 23.3 18.9 28.3

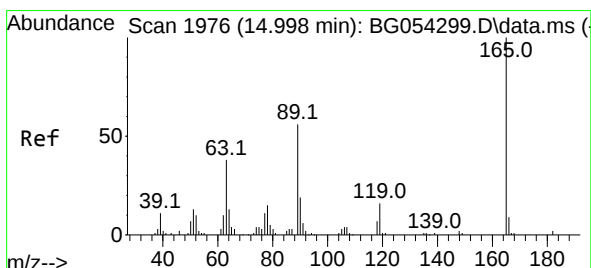
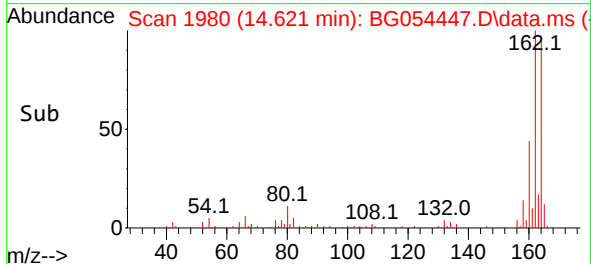
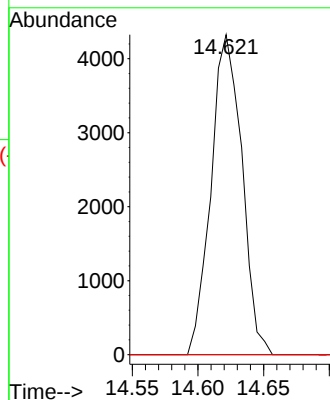
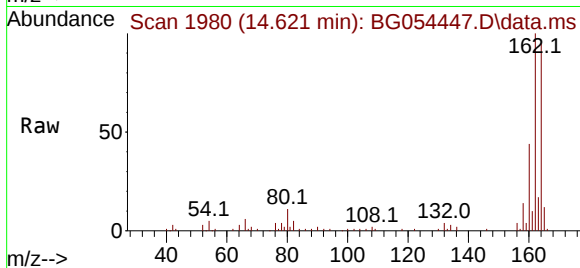




#51
2,6-Dinitrotoluene
Concen: 8.034 ng
RT: 14.621 min Scan# 1980
Delta R.T. 0.423 min
Lab File: BG054447.D
Acq: 29 Jul 2022 13:24

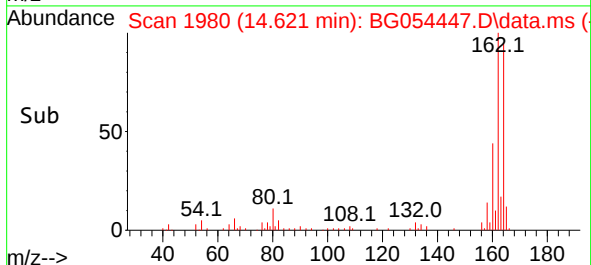
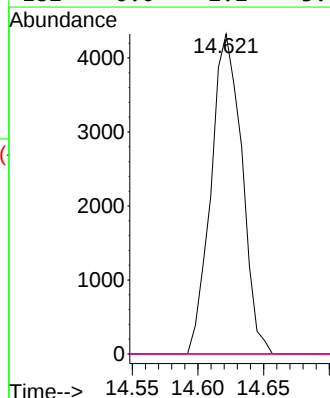
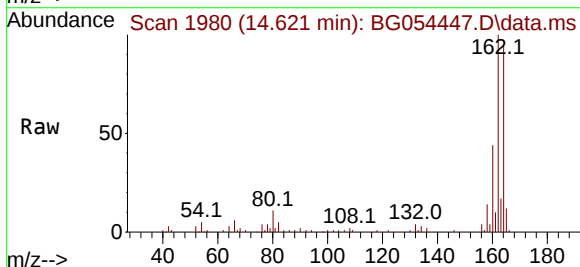
Instrument :
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RVE-43

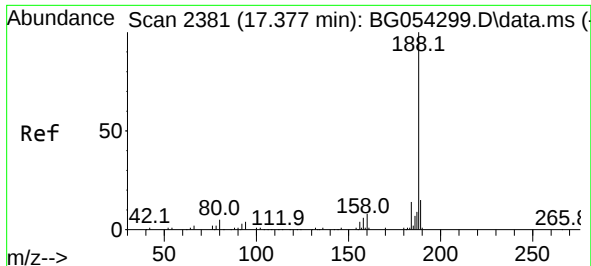
Tgt Ion:165 Resp: 7071
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.604 ng
RT: 14.621 min Scan# 1980
Delta R.T. -0.370 min
Lab File: BG054447.D
Acq: 29 Jul 2022 13:24

Tgt Ion:165 Resp: 7071
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#

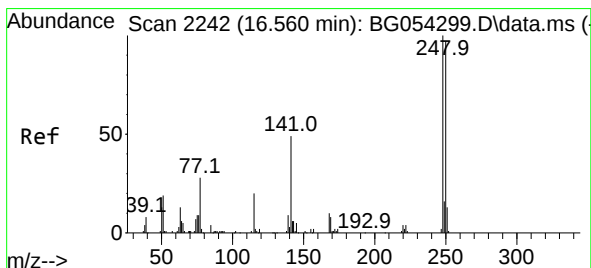
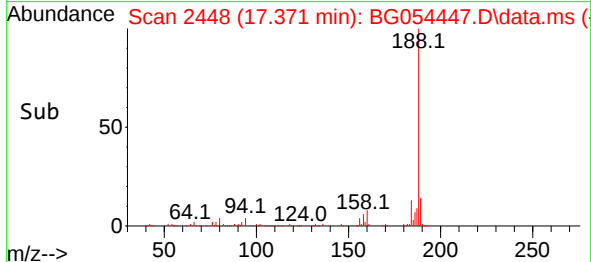
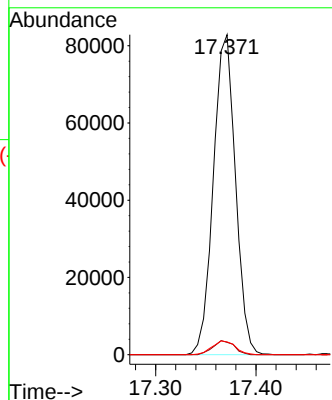
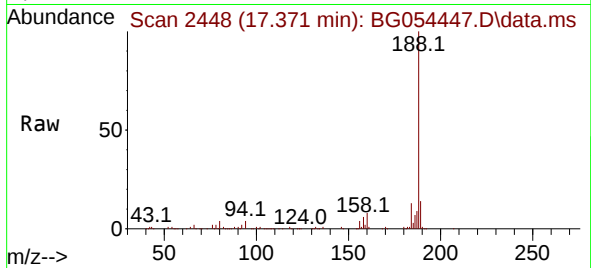




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.371 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BG054447.D
Acq: 29 Jul 2022 13:24

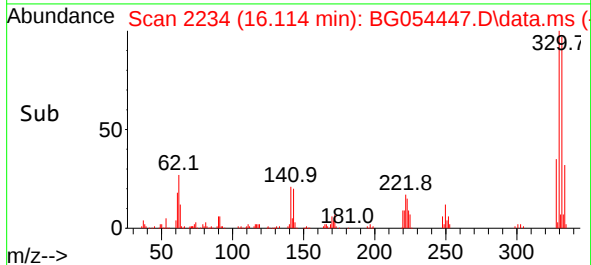
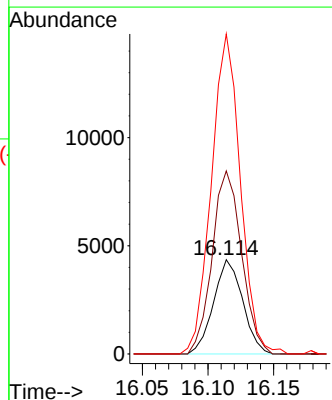
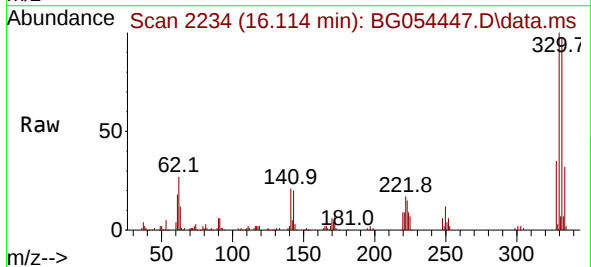
Instrument :
BNA_G
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RVE-43

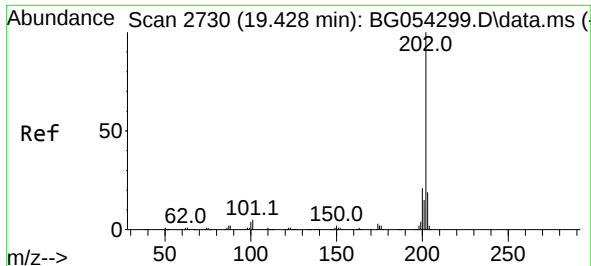
Tgt Ion:188 Resp: 126715
Ion Ratio Lower Upper
188 100
94 3.9 5.4 8.0#
80 4.0 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 3.775 ng
RT: 16.114 min Scan# 2234
Delta R.T. -0.441 min
Lab File: BG054447.D
Acq: 29 Jul 2022 13:24

Tgt Ion:248 Resp: 6719
Ion Ratio Lower Upper
248 100
250 194.4 75.2 112.8#
141 339.8 50.0 75.0#

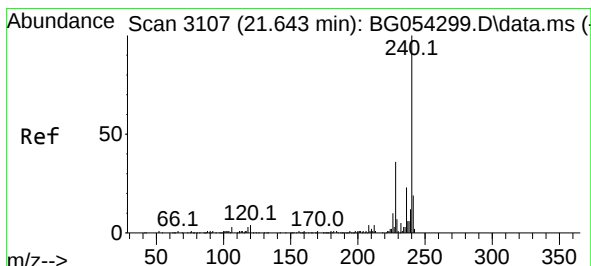
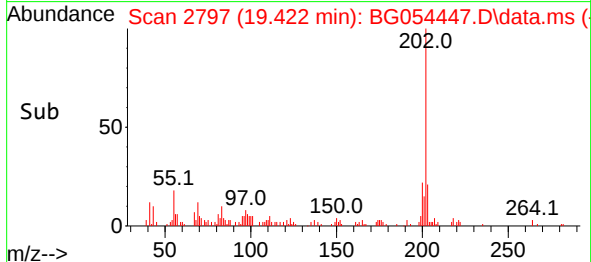
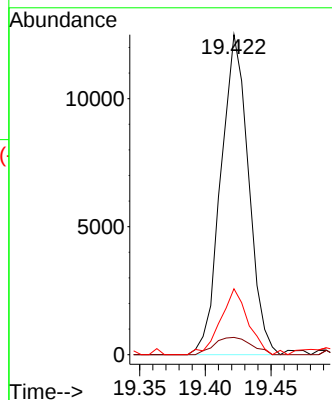
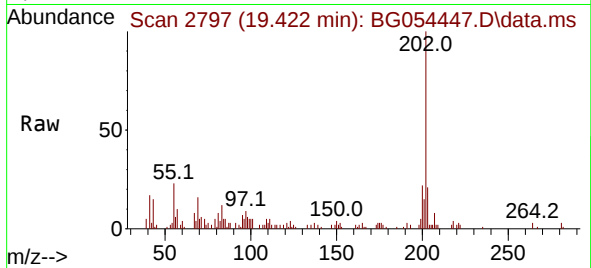




#75
Fluoranthene
Concen: 2.137 ng
RT: 19.422 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG054447.D
Acq: 29 Jul 2022 13:24

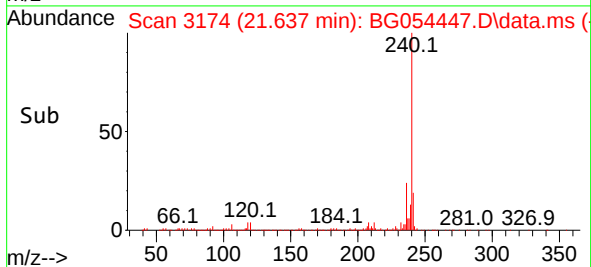
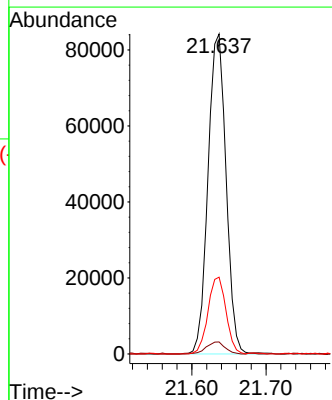
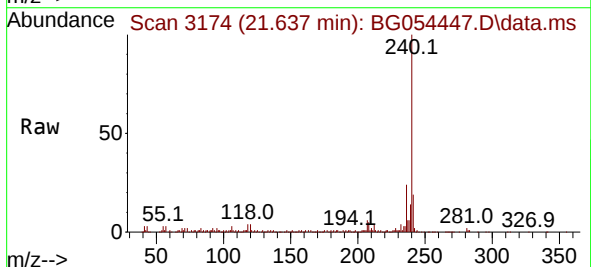
Instrument :
BNA_G
ClientSampleId :
RVE-43

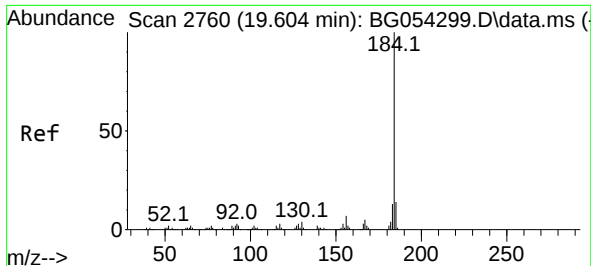
Tgt Ion:202 Resp: 18382
Ion Ratio Lower Upper
202 100
101 5.4 0.0 26.9
203 20.6 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.637 min Scan# 3174
Delta R.T. -0.000 min
Lab File: BG054447.D
Acq: 29 Jul 2022 13:24

Tgt Ion:240 Resp: 142372
Ion Ratio Lower Upper
240 100
120 3.7 4.6 7.0#
236 24.0 20.2 30.4

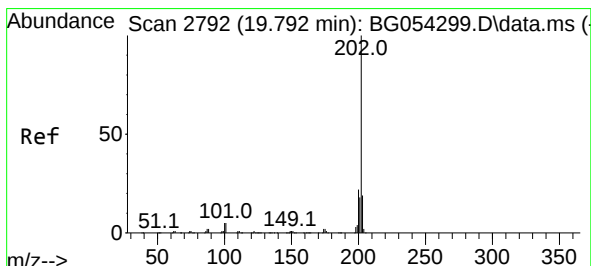
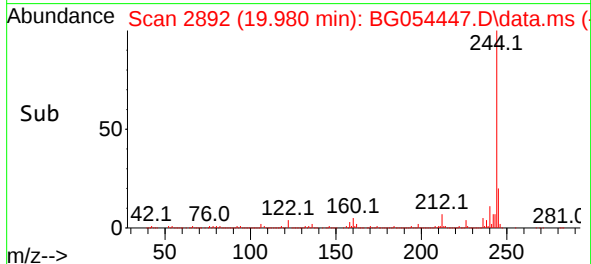
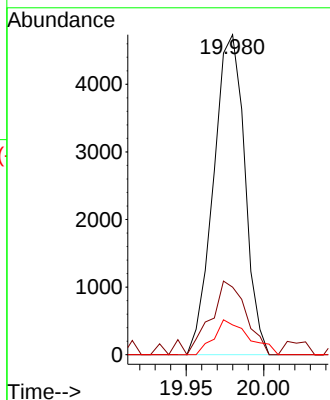
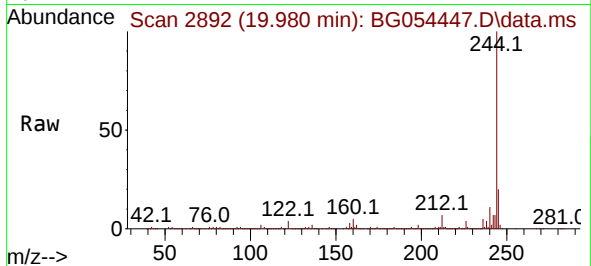




#77
Benzidine
Concen: 2.567 ng
RT: 19.980 min Scan# 2892
Delta R.T. 0.382 min
Lab File: BG054447.D
Acq: 29 Jul 2022 13:24

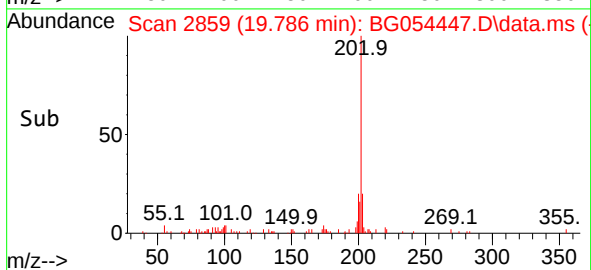
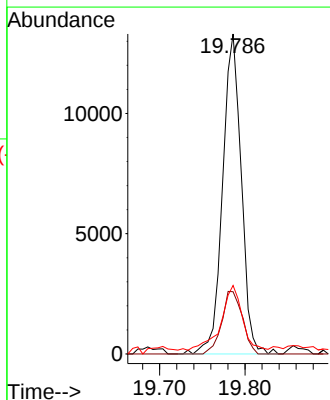
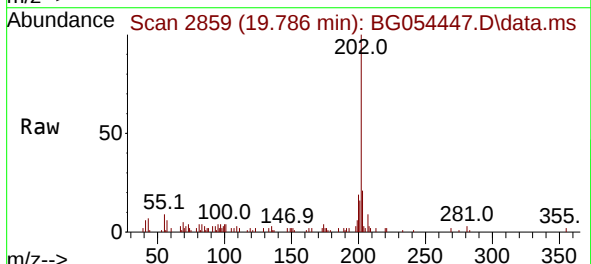
Instrument :
BNA_G
ClientSampleId :
RVE-43

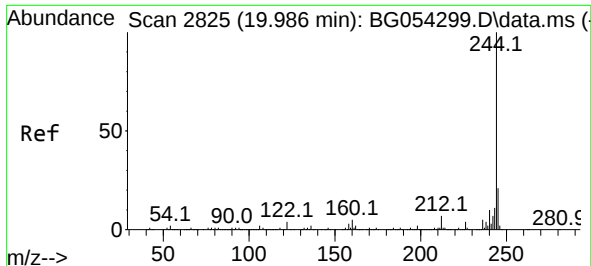
Tgt Ion:184 Resp: 6620
Ion Ratio Lower Upper
184 100
185 21.1 11.8 17.6#
183 9.3 8.9 13.3



#78
Pyrene
Concen: 2.477 ng
RT: 19.786 min Scan# 2859
Delta R.T. -0.000 min
Lab File: BG054447.D
Acq: 29 Jul 2022 13:24

Tgt Ion:202 Resp: 20232
Ion Ratio Lower Upper
202 100
200 19.5 16.6 24.8
203 21.4 14.6 21.8

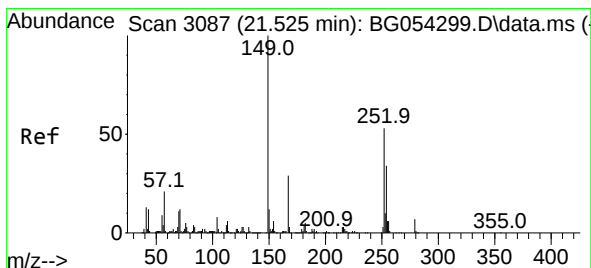
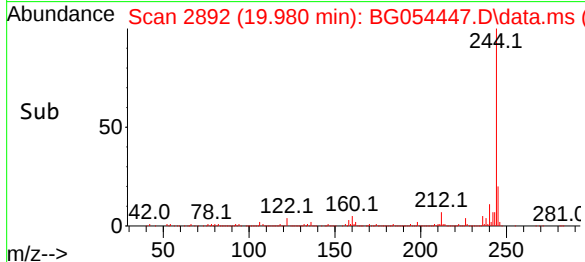
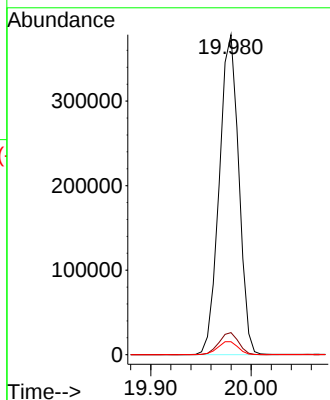
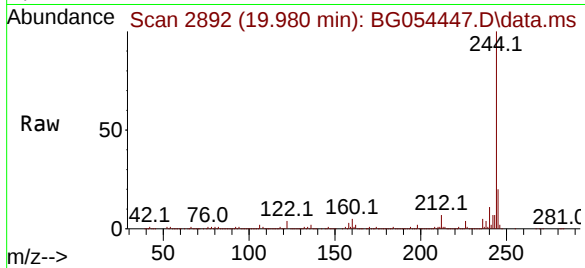




#79
 Terphenyl-d14
 Concen: 71.143 ng
 RT: 19.980 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG054447.D
 Acq: 29 Jul 2022 13:24

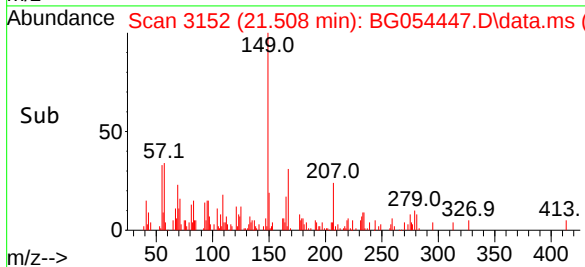
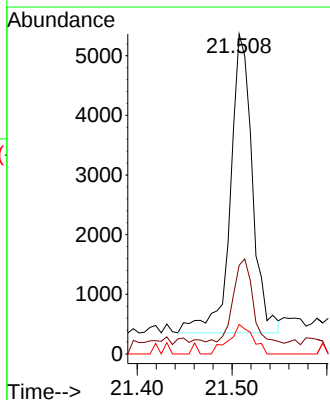
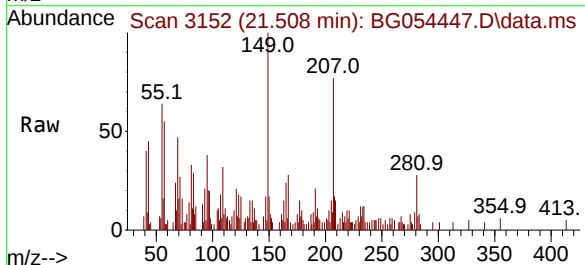
Instrument :
 BNA_G
 ClientSampleId :
 RVE-43

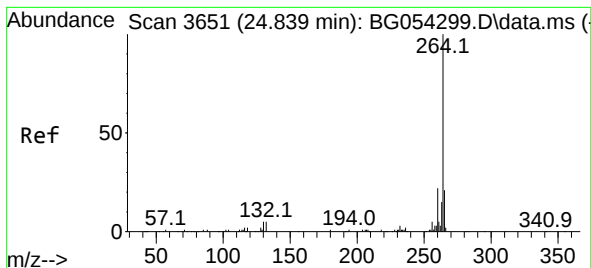
Tgt Ion:244 Resp: 510572
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.5 9.7
 122 4.0 5.0 7.4#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.248 ng
 RT: 21.508 min Scan# 3152
 Delta R.T. -0.006 min
 Lab File: BG054447.D
 Acq: 29 Jul 2022 13:24

Tgt Ion:149 Resp: 8097
 Ion Ratio Lower Upper
 149 100
 167 27.7 20.2 30.4
 279 9.3 3.6 5.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.839 min Scan# 31

Delta R.T. 0.006 min

Lab File: BG054447.D

Acq: 29 Jul 2022 13:24

Instrument :

BNA_G

ClientSampleId :

RVE-43

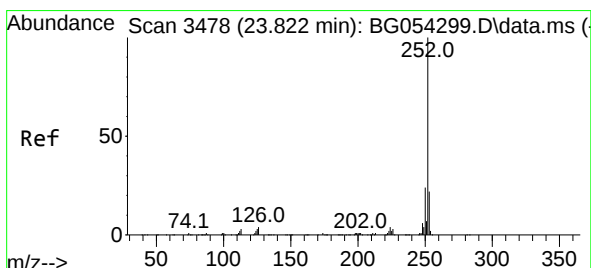
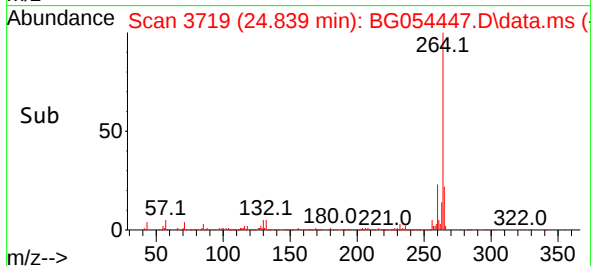
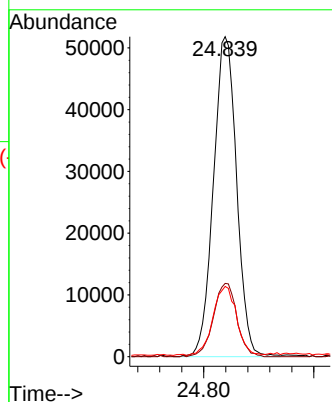
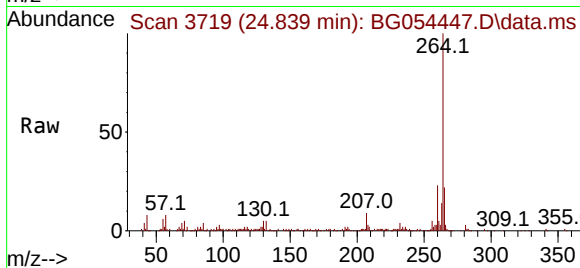
Tgt Ion:264 Resp: 151594

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.6

265 22.0 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 2.358 ng

RT: 23.828 min Scan# 3547

Delta R.T. 0.006 min

Lab File: BG054447.D

Acq: 29 Jul 2022 13:24

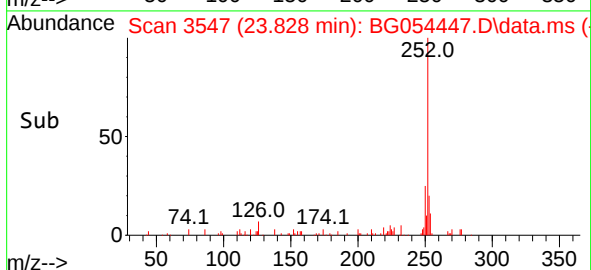
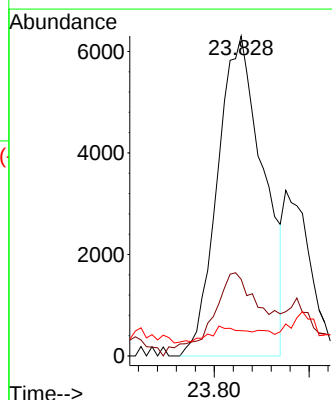
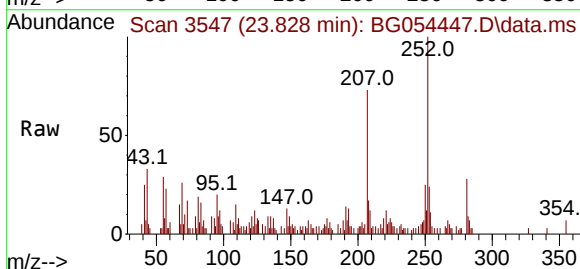
Tgt Ion:252 Resp: 21139

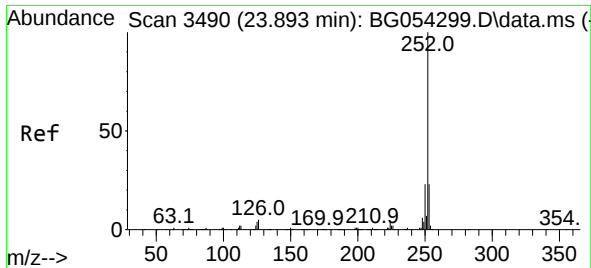
Ion Ratio Lower Upper

252 100

253 24.0 18.0 27.0

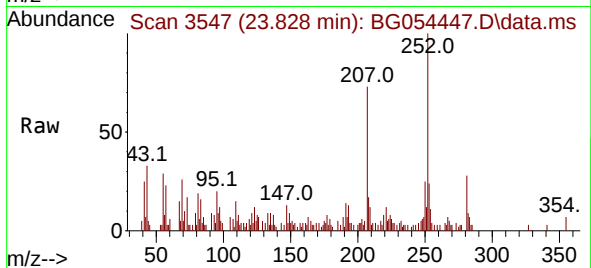
125 7.9 4.6 6.8#





#89
 Benzo(k)fluoranthene
 Concen: 2.369 ng
 RT: 23.828 min Scan# 31
 Delta R.T. -0.059 min
 Lab File: BG054447.D
 Acq: 29 Jul 2022 13:24

Instrument :
 BNA_G
 ClientSampleId :
 RVE-43



Tgt Ion:252 Resp: 21139
 Ion Ratio Lower Upper
 252 100
 253 24.0 18.4 27.6
 125 7.9 4.8 7.2#

