

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072922\
 Data File : BG054446.D
 Acq On : 29 Jul 2022 12:43
 Operator : CG/JU
 Sample : N3895-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-40

Quant Time: Jul 30 03:17:49 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)

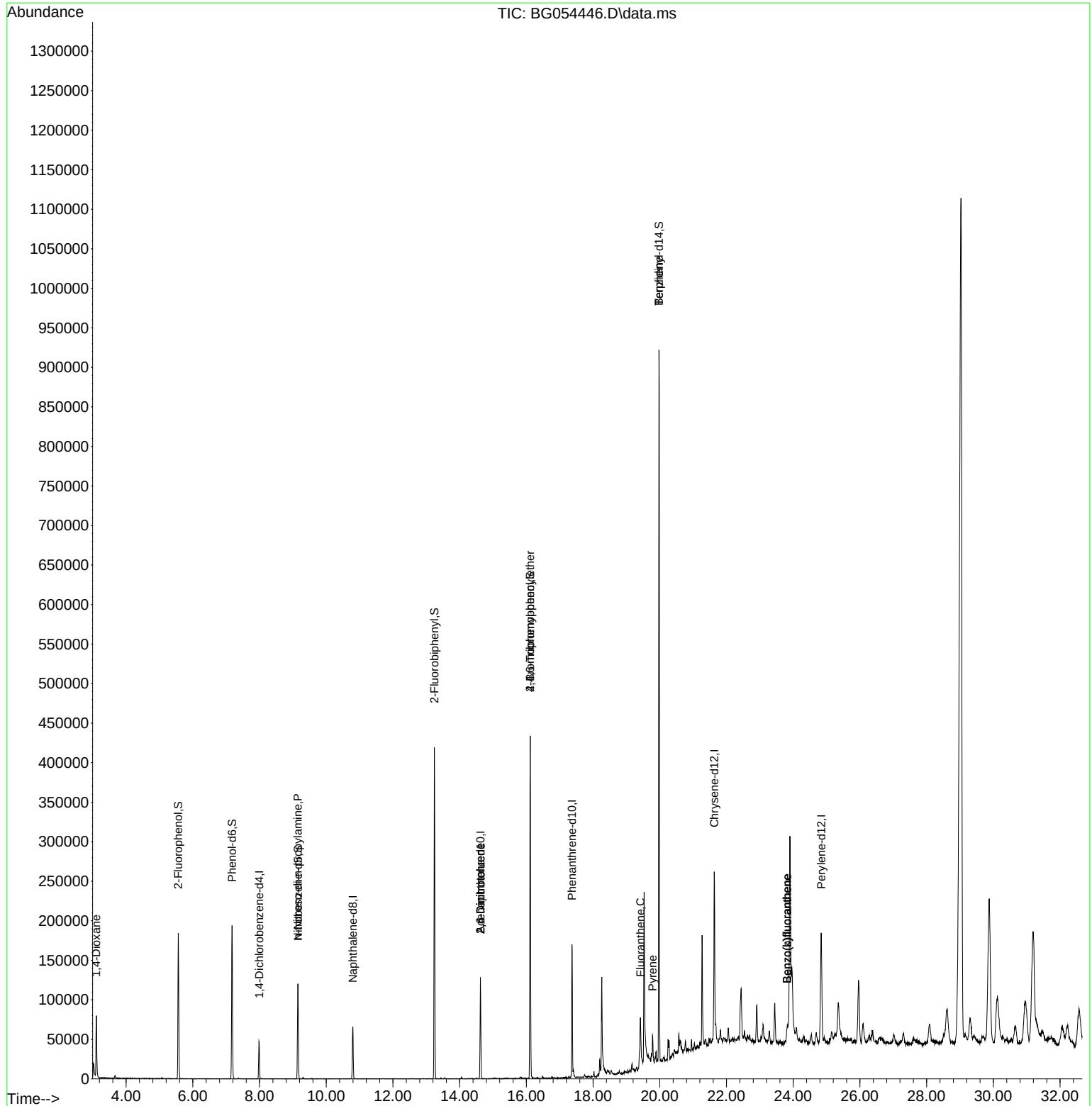
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.989	152	15102	20.000	ng	# 0.00
21) Naphthalene-d8	10.797	136	60868	20.000	ng	# 0.00
39) Acenaphthene-d10	14.622	164	48932	20.000	ng	0.00
64) Phenanthrene-d10	17.366	188	124807	20.000	ng	# 0.00
76) Chrysene-d12	21.631	240	137782	20.000	ng	# 0.00
86) Perylene-d12	24.839	264	147311	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.562	112	83082	114.863	ng	0.00
7) Phenol-d6	7.172	99	114245	115.268	ng	0.00
23) Nitrobenzene-d5	9.152	82	74543	66.692	ng	0.00
42) 2,4,6-Tribromophenol	16.114	330	114987	111.921	ng	0.00
45) 2-Fluorobiphenyl	13.241	172	241006	69.481	ng	0.00
79) Terphenyl-d14	19.975	244	518851	74.705	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.100	88	823	2.860	ng	# 1
9) Benzaldehyde	7.166	77	56	Below Cal		# 10
19) n-Nitroso-di-n-propyla...	9.146	70	10673	16.126	ng	# 74
51) 2,6-Dinitrotoluene	14.622	165	6560	7.825	ng	# 16
57) 2,4-Dinitrotoluene	14.622	165	6560	5.458	ng	# 21
67) 4-Bromophenyl-phenylether	16.114	248	6971	3.977	ng	# 1
75) Fluoranthene	19.422	202	19132	2.258	ng	97
77) Benzidine	19.975	184	6511	2.609	ng	# 77
78) Pyrene	19.781	202	22511	2.847	ng	98
88) Benzo(b)fluoranthene	23.817	252	17892	2.054	ng	# 93
89) Benzo(k)fluoranthene	23.817	252	17892	2.064	ng	# 94

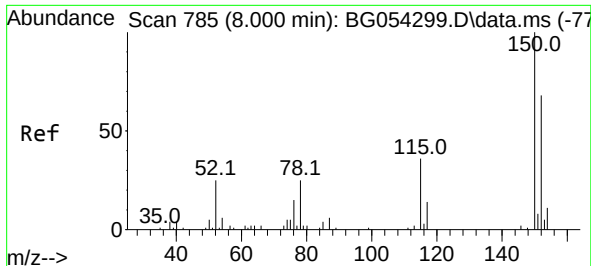
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072922\
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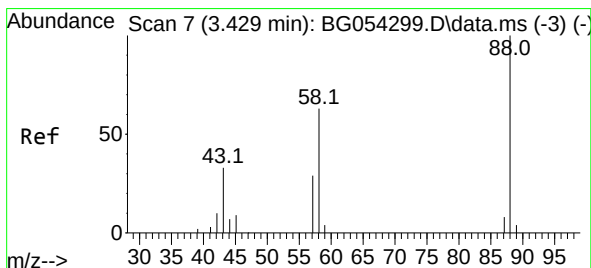
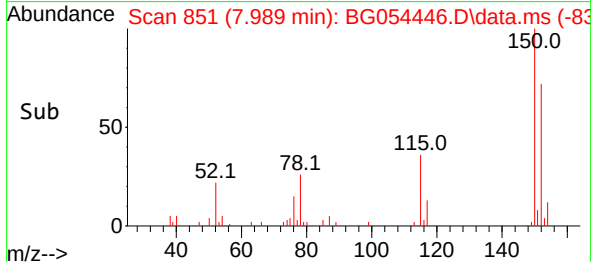
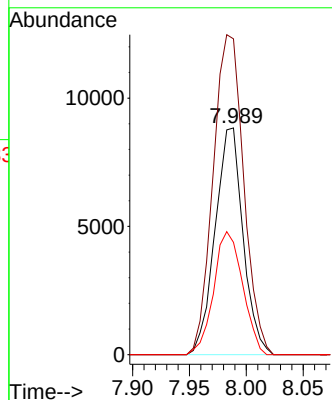
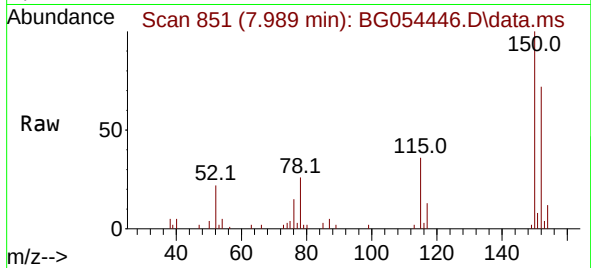




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.989 min Scan# 81
 Delta R.T. 0.001 min
 Lab File: BG054446.D
 Acq: 29 Jul 2022 12:43

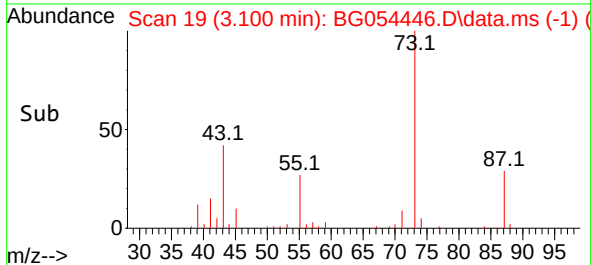
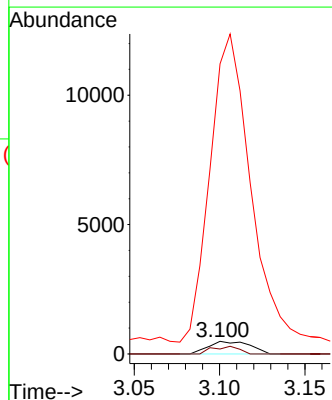
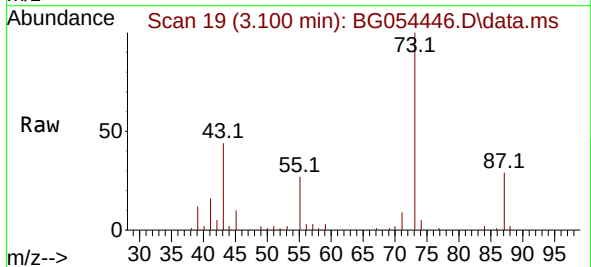
Instrument :
 BNA_G
 ClientSampleId :
 RVE-40

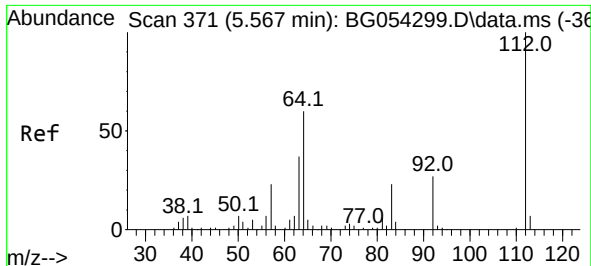
Tgt Ion:152 Resp: 15102
 Ion Ratio Lower Upper
 152 100
 150 139.3 131.6 197.4
 115 49.5 50.9 76.3#



#2
 1,4-Dioxane
 Concen: 2.860 ng
 RT: 3.100 min Scan# 19
 Delta R.T. -0.317 min
 Lab File: BG054446.D
 Acq: 29 Jul 2022 12:43

Tgt Ion: 88 Resp: 823
 Ion Ratio Lower Upper
 88 100
 58 39.1 59.2 88.8#
 43 2616.3 24.3 36.5#

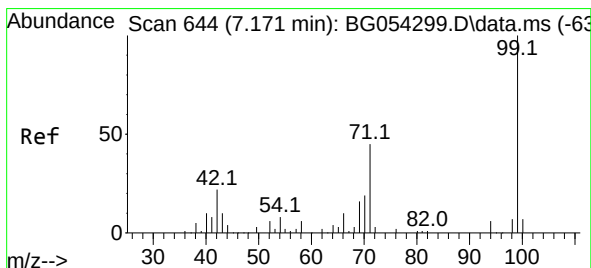
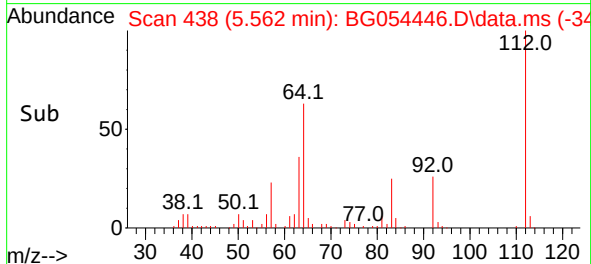
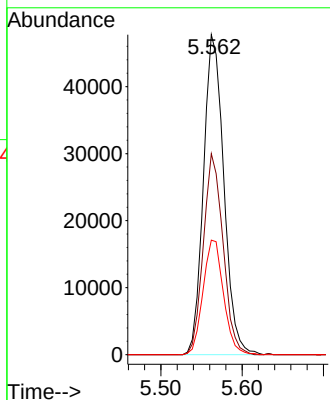
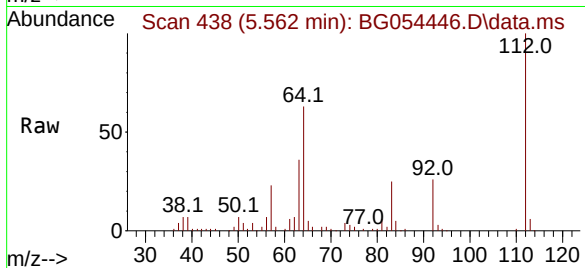




#5
2-Fluorophenol
Concen: 114.863 ng
RT: 5.562 min Scan# 411
Delta R.T. 0.000 min
Lab File: BG054446.D
Acq: 29 Jul 2022 12:43

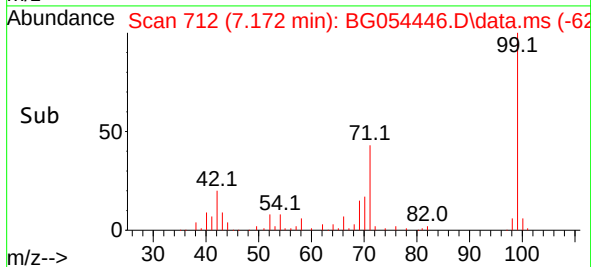
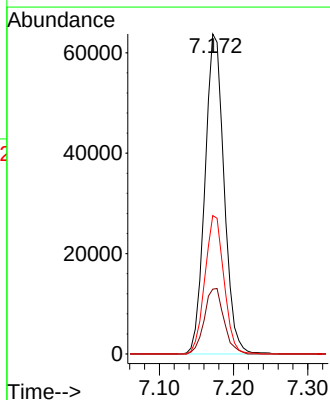
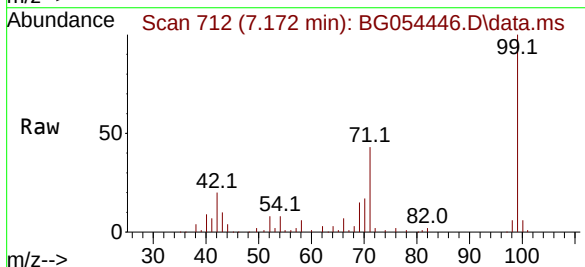
Instrument :
BNA_G
ClientSampleId :
RVE-40

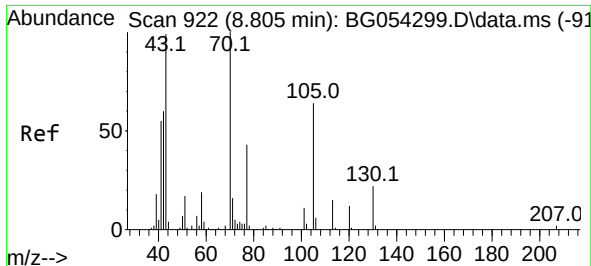
Tgt Ion:112 Resp: 83082
Ion Ratio Lower Upper
112 100
64 62.8 55.1 82.7
63 35.8 30.4 45.6



#7
Phenol-d6
Concen: 115.268 ng
RT: 7.172 min Scan# 712
Delta R.T. 0.000 min
Lab File: BG054446.D
Acq: 29 Jul 2022 12:43

Tgt Ion: 99 Resp: 114245
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.6
71 43.3 33.8 50.8

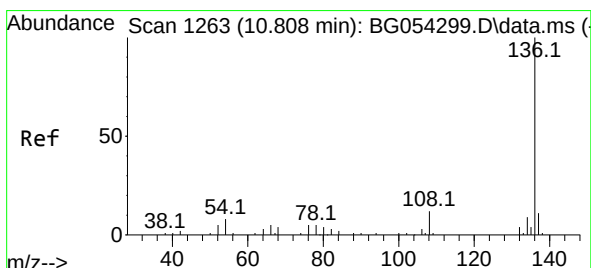
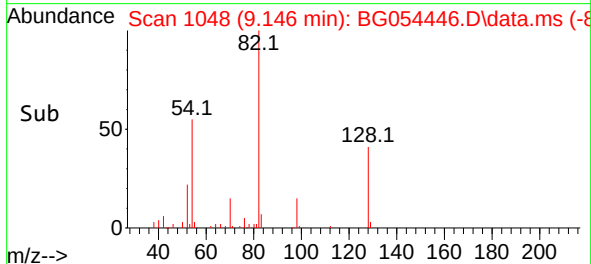
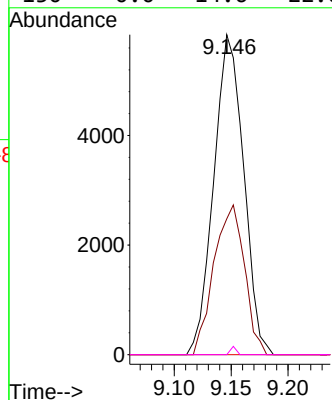
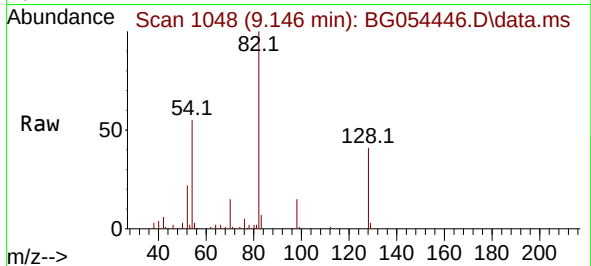




#19
n-Nitroso-di-n-propylamine
Concen: 16.126 ng
RT: 9.146 min Scan# 1048
Delta R.T. 0.353 min
Lab File: BG054446.D
Acq: 29 Jul 2022 12:43

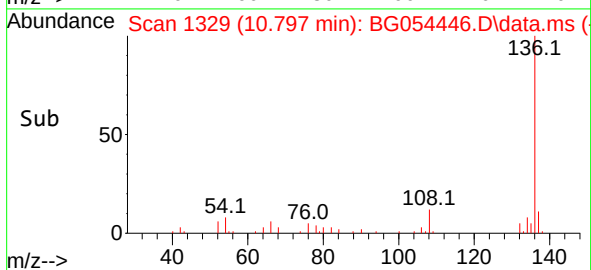
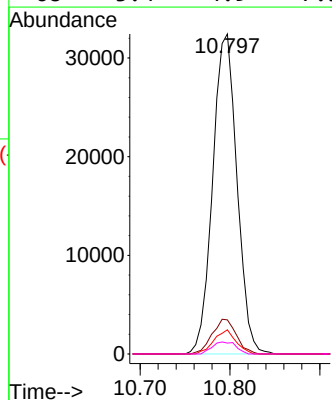
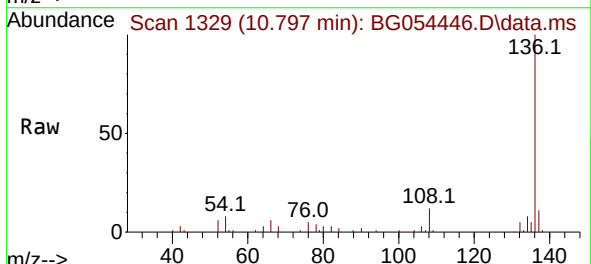
Instrument :
BNA_G
ClientSampleId :
RVE-40

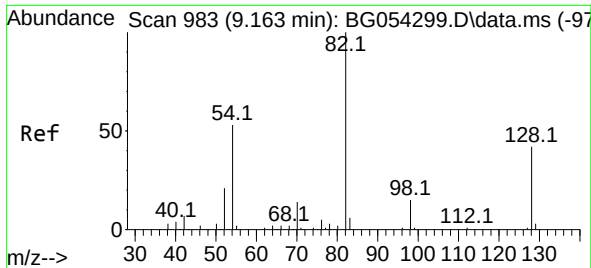
Tgt Ion: 70	Resp: 10673
Ion Ratio	Lower Upper
70 100	
42 42.5	47.3 70.9#
101 0.0	7.0 10.4#
130 0.0	14.6 22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.797 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BG054446.D
Acq: 29 Jul 2022 12:43

Tgt Ion: 136	Resp: 60868
Ion Ratio	Lower Upper
136 100	
137 10.7	8.5 12.7
54 7.6	7.4 11.2
68 3.4	4.9 7.3#

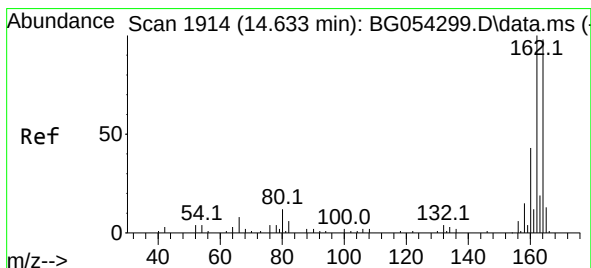
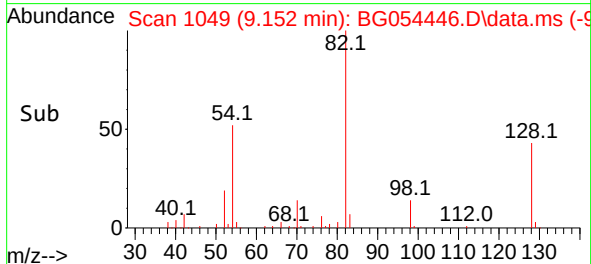
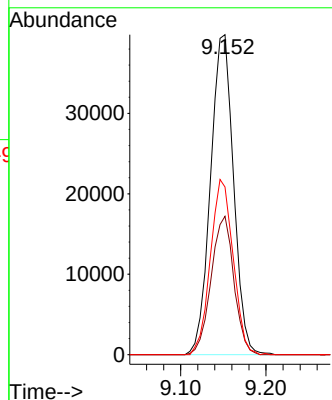
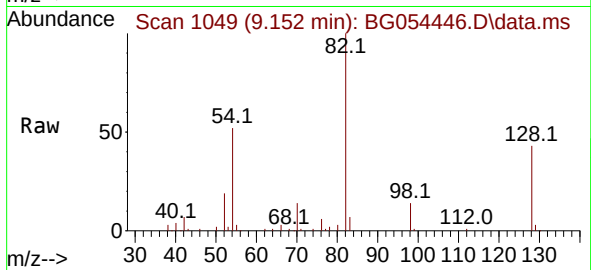




#23
Nitrobenzene-d5
Concen: 66.692 ng
RT: 9.152 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BG054446.D
Acq: 29 Jul 2022 12:43

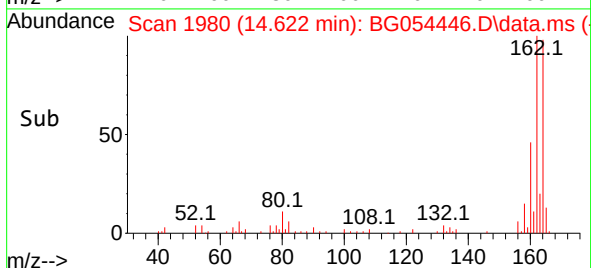
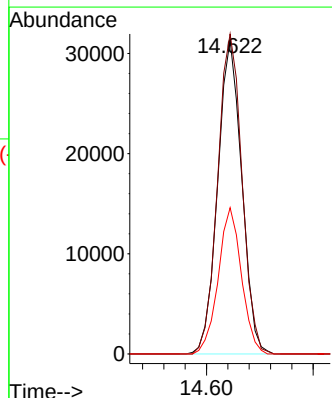
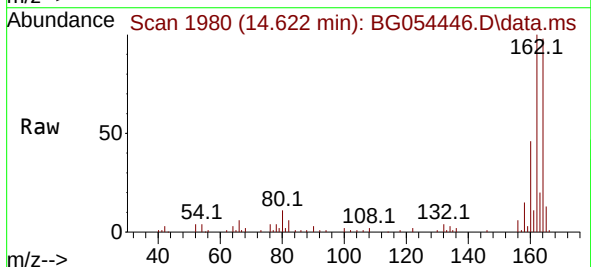
Instrument :
BNA_G
ClientSampleId :
RVE-40

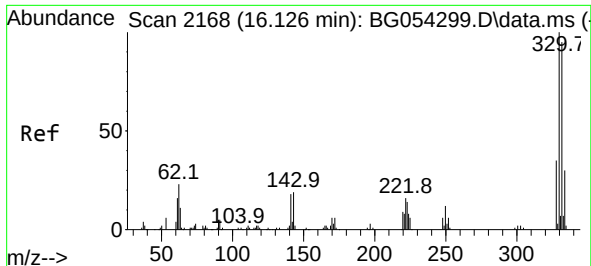
Tgt Ion: 82 Resp: 74543
Ion Ratio Lower Upper
82 100
128 43.2 27.9 41.9#
54 52.4 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.622 min Scan# 1980
Delta R.T. 0.000 min
Lab File: BG054446.D
Acq: 29 Jul 2022 12:43

Tgt Ion: 164 Resp: 48932
Ion Ratio Lower Upper
164 100
162 101.8 82.3 123.5
160 46.5 34.2 51.2

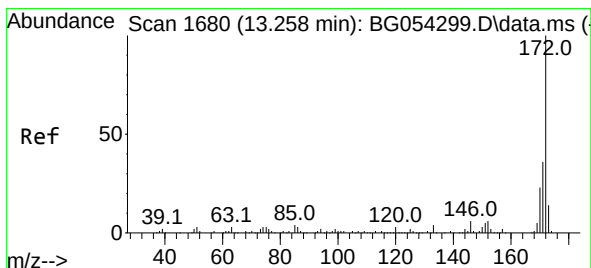
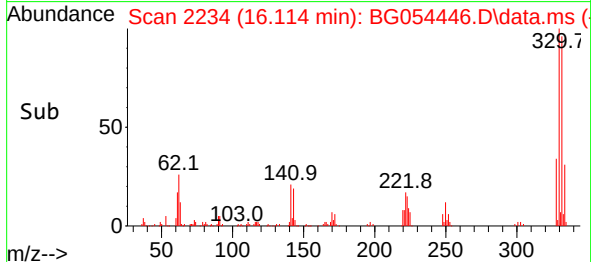
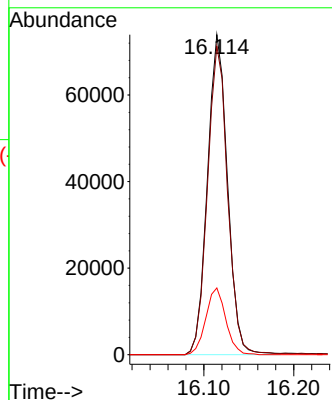
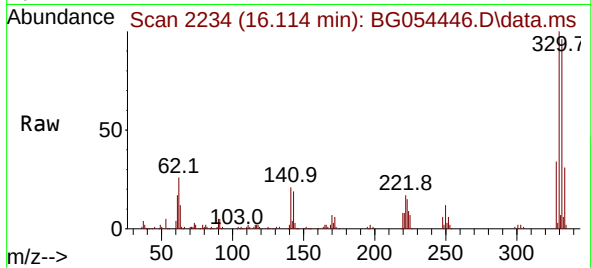




#42
2,4,6-Tribromophenol
Concen: 111.921 ng
RT: 16.114 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BG054446.D
Acq: 29 Jul 2022 12:43

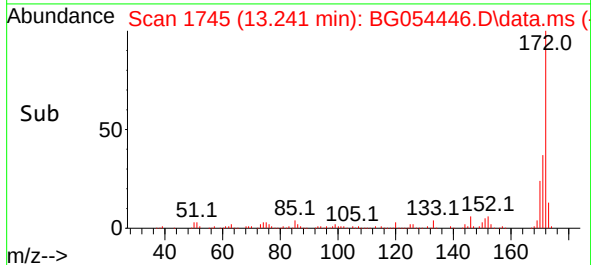
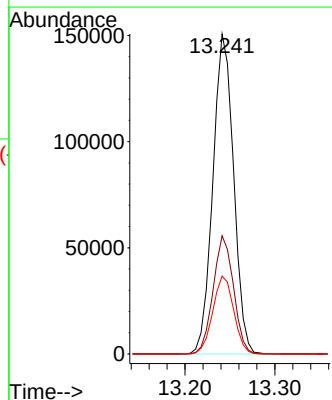
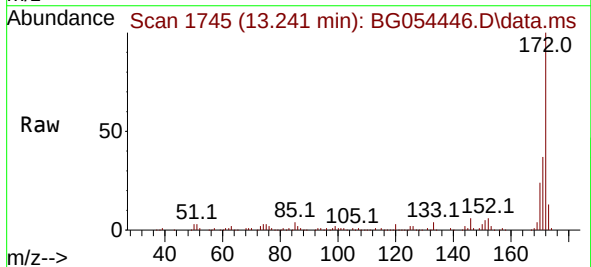
Instrument :
BNA_G
ClientSampleId :
RVE-40

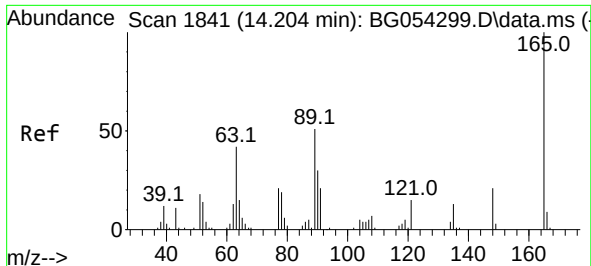
Tgt Ion:330 Resp: 114987
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 20.7 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 69.481 ng
RT: 13.241 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BG054446.D
Acq: 29 Jul 2022 12:43

Tgt Ion:172 Resp: 241006
Ion Ratio Lower Upper
172 100
171 37.0 28.5 42.7
170 24.3 18.9 28.3

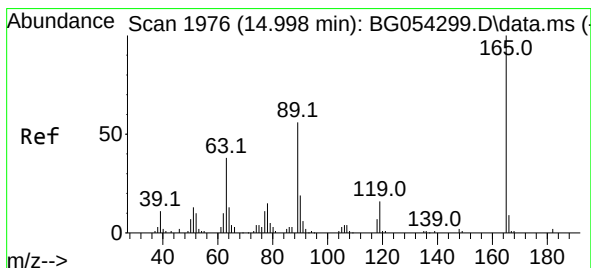
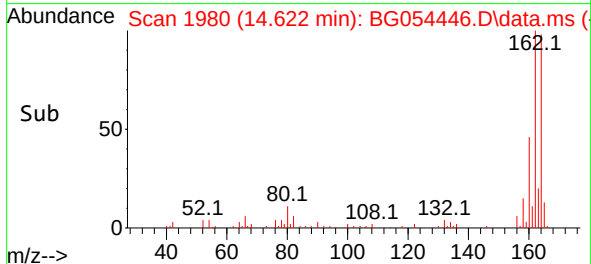
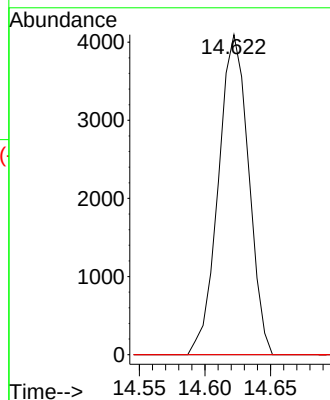
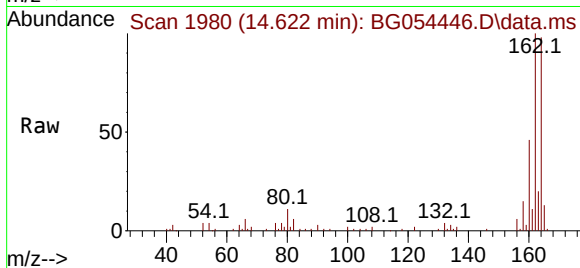




#51
2,6-Dinitrotoluene
Concen: 7.825 ng
RT: 14.622 min Scan# 1980
Delta R.T. 0.423 min
Lab File: BG054446.D
Acq: 29 Jul 2022 12:43

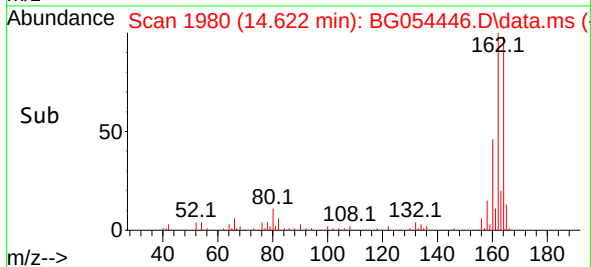
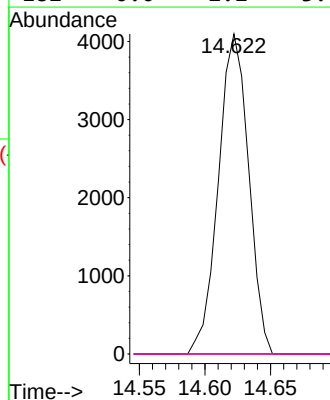
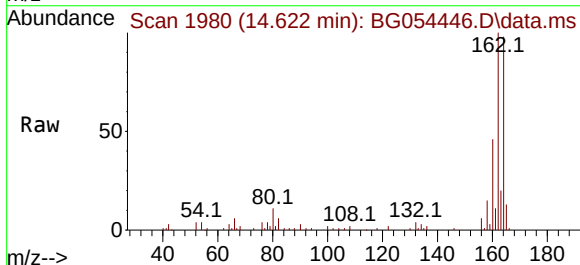
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ClientSampleId :
RVE-40

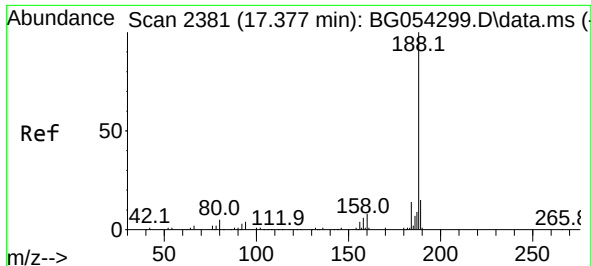
Tgt Ion:165 Resp: 6560
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.458 ng
RT: 14.622 min Scan# 1980
Delta R.T. -0.370 min
Lab File: BG054446.D
Acq: 29 Jul 2022 12:43

Tgt Ion:165 Resp: 6560
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#

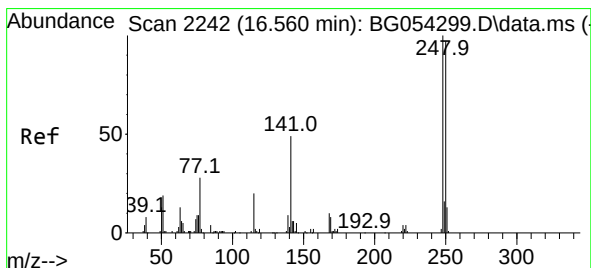
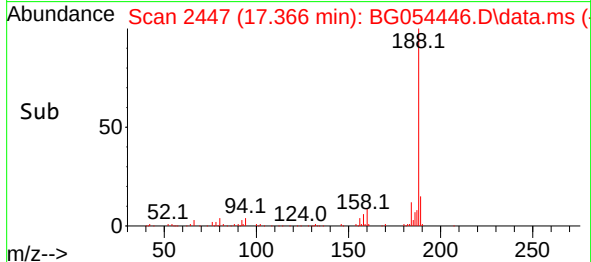
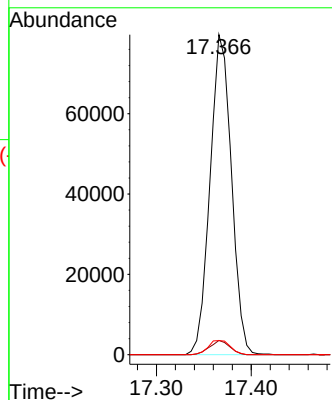
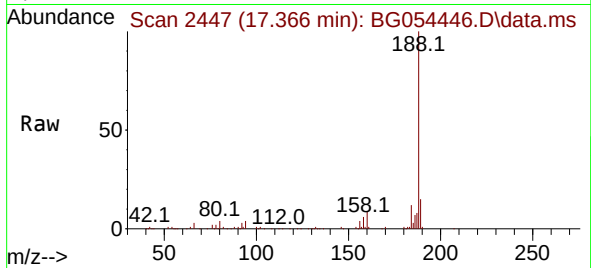




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.366 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BG054446.D
Acq: 29 Jul 2022 12:43

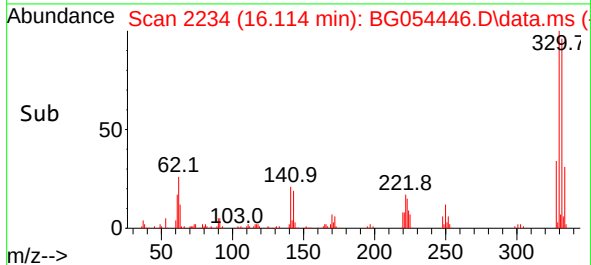
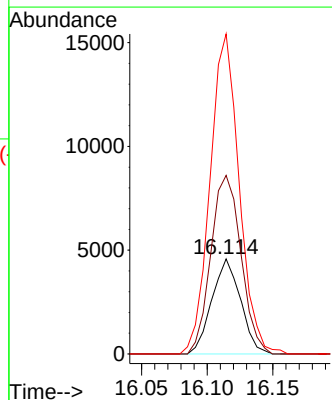
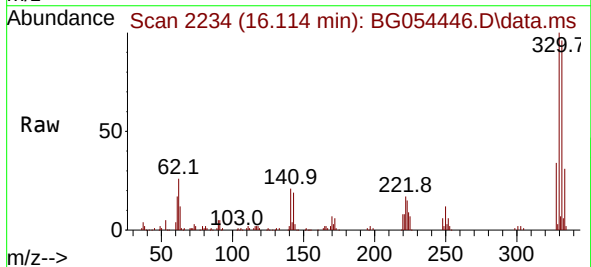
Instrument :
BNA_G
ClientSampleId :
RVE-40

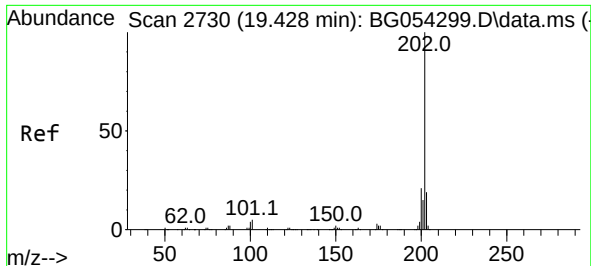
Tgt Ion:188 Resp: 124807
Ion Ratio Lower Upper
188 100
94 4.4 5.4 8.0#
80 4.4 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 3.977 ng
RT: 16.114 min Scan# 2234
Delta R.T. -0.440 min
Lab File: BG054446.D
Acq: 29 Jul 2022 12:43

Tgt Ion:248 Resp: 6971
Ion Ratio Lower Upper
248 100
250 148.1 75.2 112.8#
141 265.4 50.0 75.0#

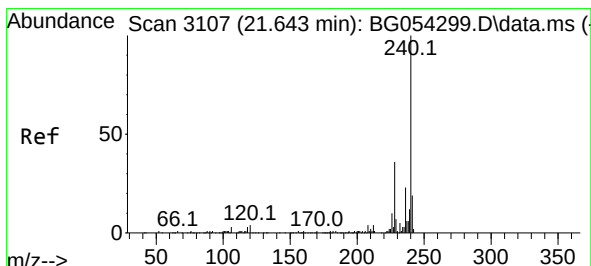
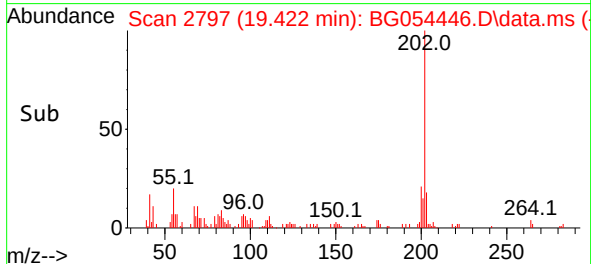
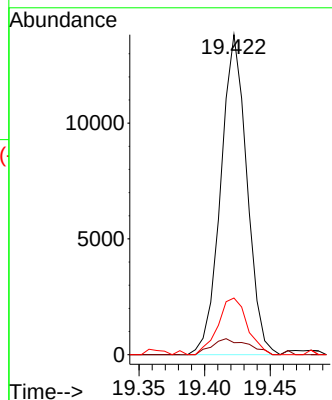
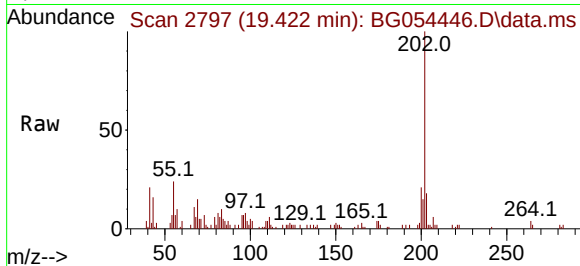




#75
Fluoranthene
Concen: 2.258 ng
RT: 19.422 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG054446.D
Acq: 29 Jul 2022 12:43

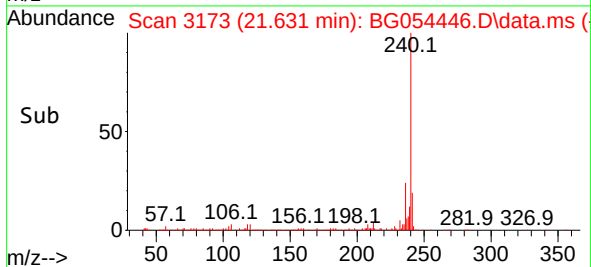
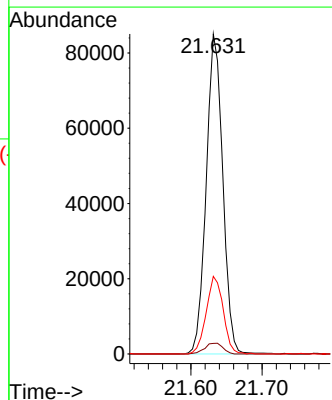
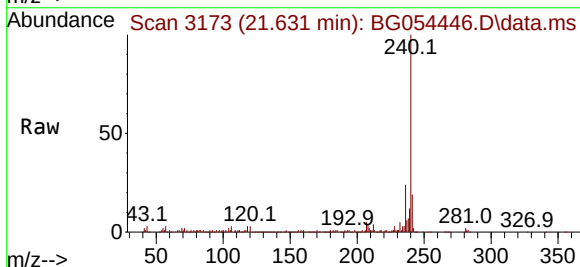
Instrument :
BNA_G
ClientSampleId :
RVE-40

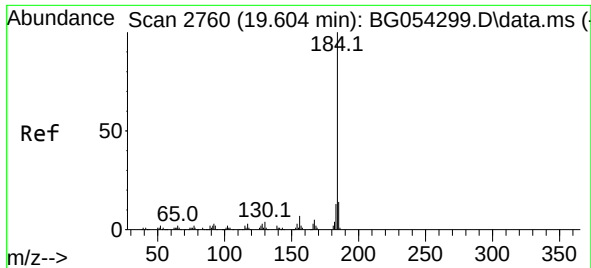
Tgt Ion	Ratio	Lower	Upper
202	100		
101	3.8	0.0	26.9
203	17.7	0.0	37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.631 min Scan# 3173
Delta R.T. -0.006 min
Lab File: BG054446.D
Acq: 29 Jul 2022 12:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	3.3	4.6	7.0#
236	24.2	20.2	30.4

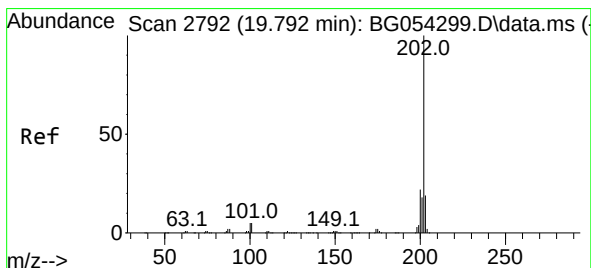
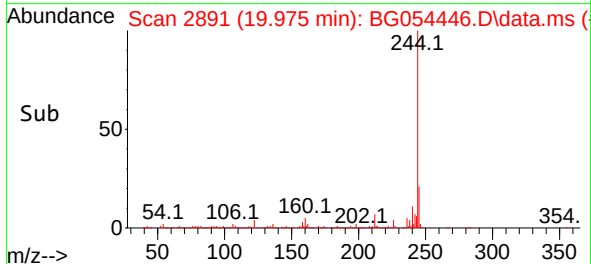
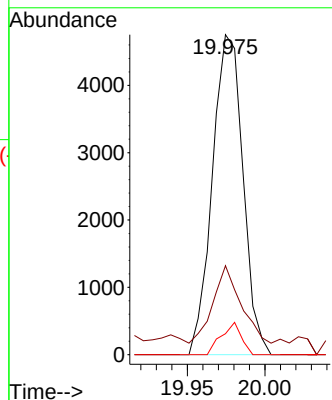
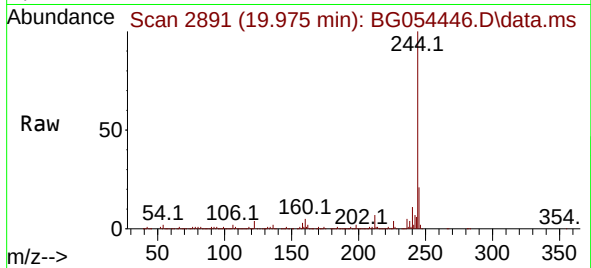




#77
Benzidine
Concen: 2.609 ng
RT: 19.975 min Scan# 21
Delta R.T. 0.376 min
Lab File: BG054446.D
Acq: 29 Jul 2022 12:43

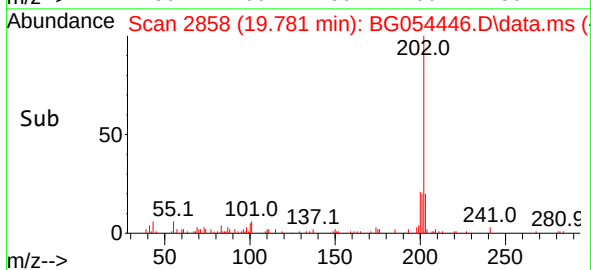
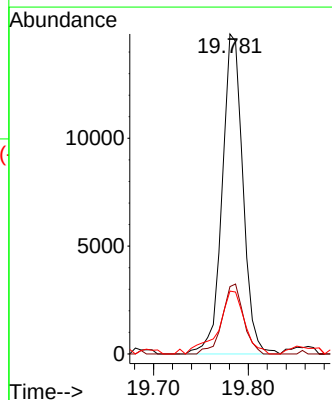
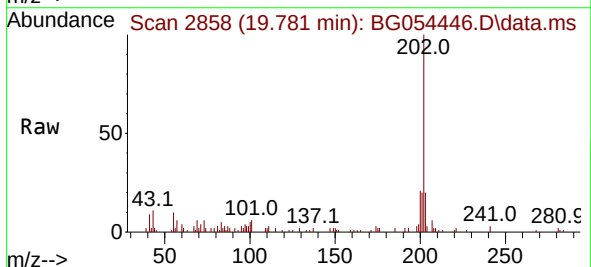
Instrument :
BNA_G
ClientSampleId :
RVE-40

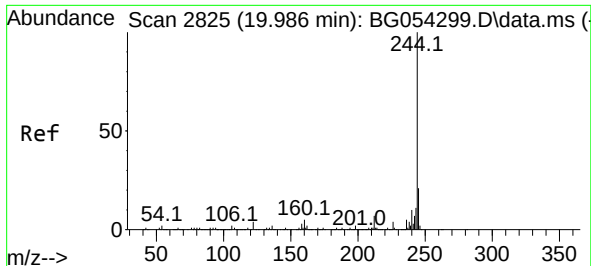
Tgt Ion:184 Resp: 6511
Ion Ratio Lower Upper
184 100
185 27.8 11.8 17.6#
183 6.6 8.9 13.3#



#78
Pyrene
Concen: 2.847 ng
RT: 19.781 min Scan# 2858
Delta R.T. -0.006 min
Lab File: BG054446.D
Acq: 29 Jul 2022 12:43

Tgt Ion:202 Resp: 22511
Ion Ratio Lower Upper
202 100
200 21.1 16.6 24.8
203 19.7 14.6 21.8

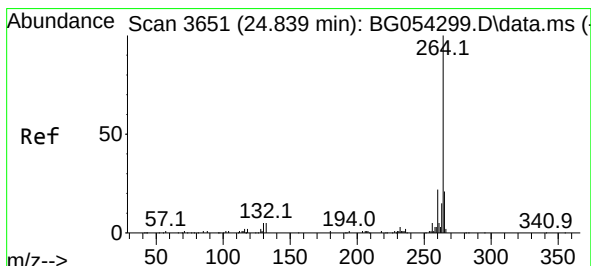
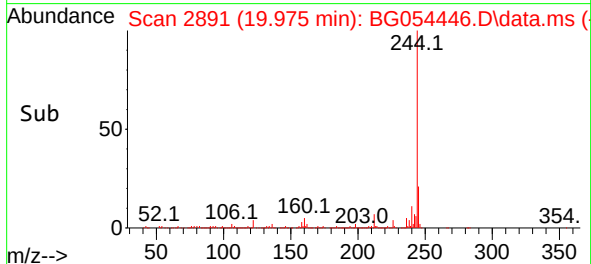
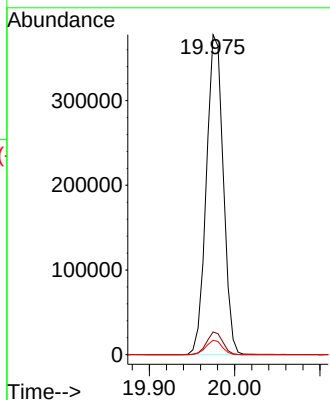
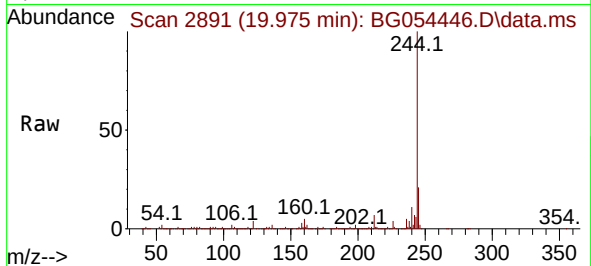




#79
 Terphenyl-d14
 Concen: 74.705 ng
 RT: 19.975 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG054446.D
 Acq: 29 Jul 2022 12:43

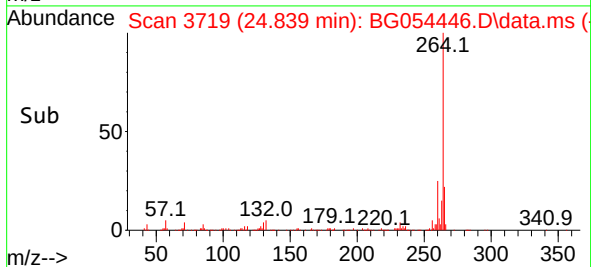
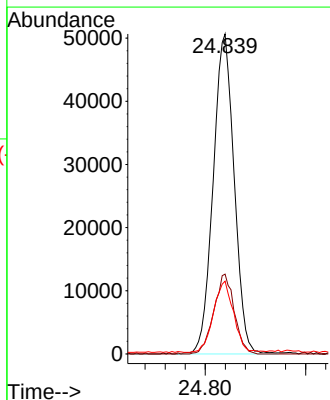
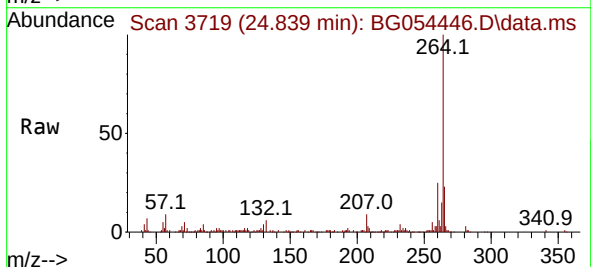
Instrument :
 BNA_G
 ClientSampleId :
 RVE-40

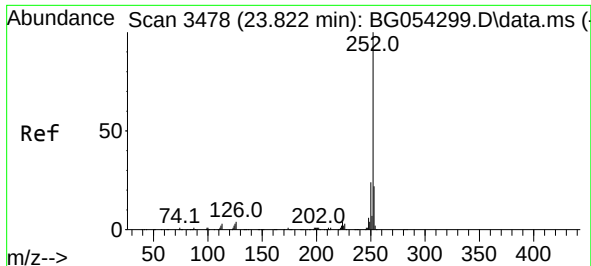
Tgt Ion:244 Resp: 518851
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 4.5 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.839 min Scan# 3719
 Delta R.T. 0.006 min
 Lab File: BG054446.D
 Acq: 29 Jul 2022 12:43

Tgt Ion:264 Resp: 147311
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.0 28.6
 265 22.8 17.4 26.2

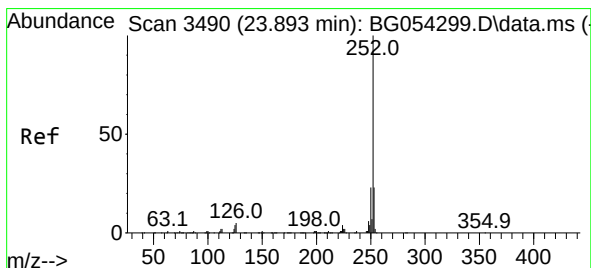
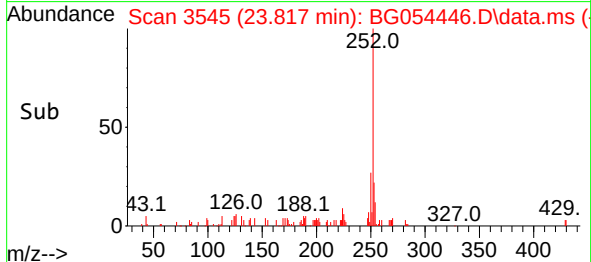
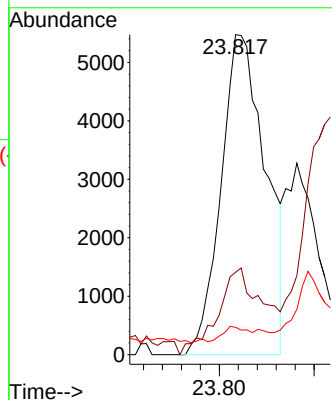
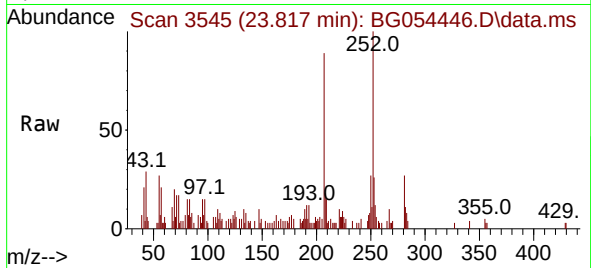




#88
Benzo(b)fluoranthene
Concen: 2.054 ng
RT: 23.817 min Scan# 3545
Delta R.T. -0.006 min
Lab File: BG054446.D
Acq: 29 Jul 2022 12:43

Instrument :
BNA_G
ClientSampleId :
RVE-40

Tgt Ion:252 Resp: 17892
Ion Ratio Lower Upper
252 100
253 25.8 18.0 27.0
125 8.6 4.6 6.8#



#89
Benzo(k)fluoranthene
Concen: 2.064 ng
RT: 23.817 min Scan# 3545
Delta R.T. -0.070 min
Lab File: BG054446.D
Acq: 29 Jul 2022 12:43

Tgt Ion:252 Resp: 17892
Ion Ratio Lower Upper
252 100
253 25.8 18.4 27.6
125 8.6 4.8 7.2#

