

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080322\
 Data File : BG054508.D
 Acq On : 3 Aug 2022 20:56
 Operator : CG/JU
 Sample : N3927-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-83

Quant Time: Aug 04 00:44:46 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)

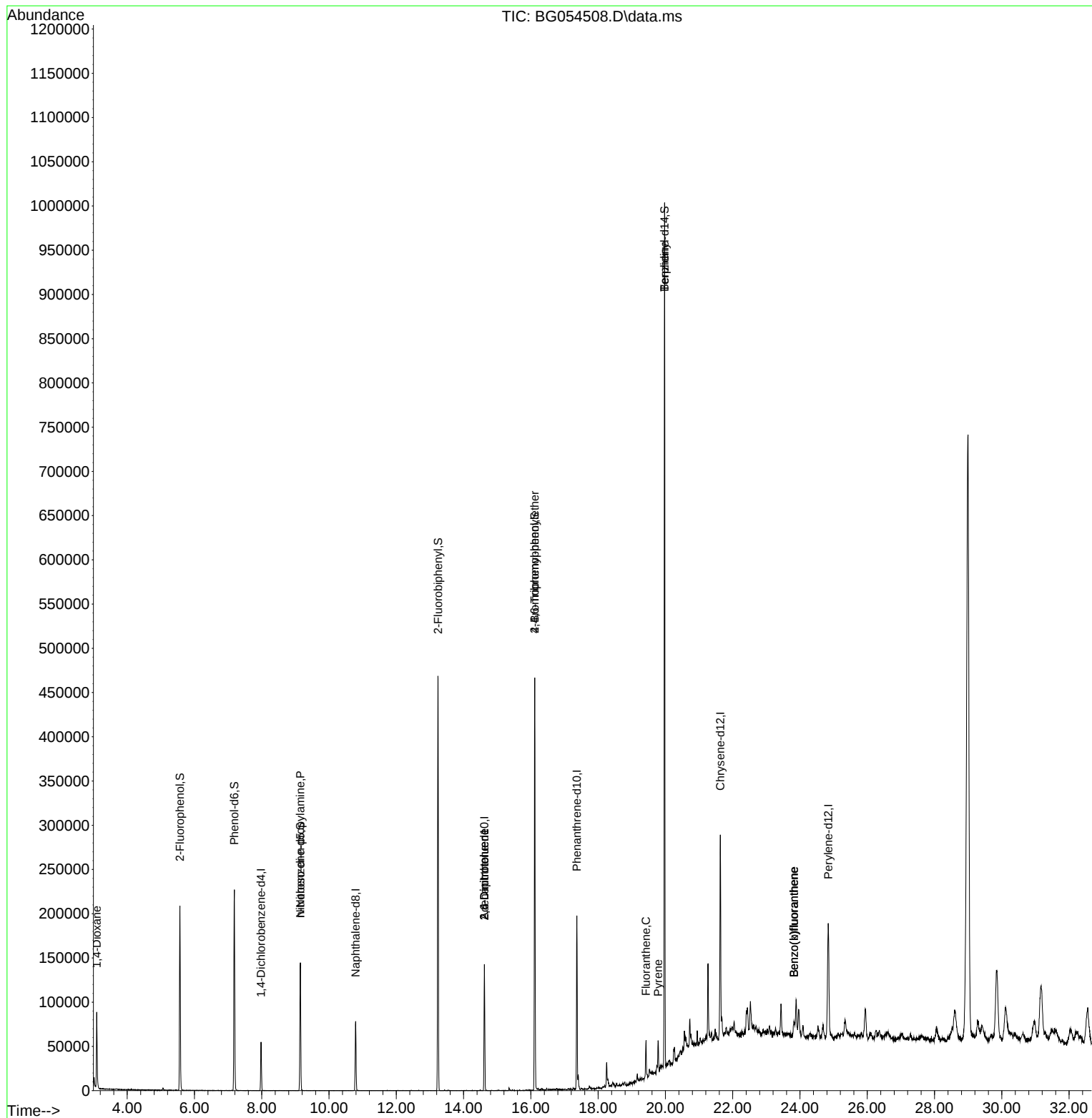
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.977	152	16869	20.000	ng	-0.01
21) Naphthalene-d8	10.791	136	71261	20.000	ng	# 0.00
39) Acenaphthene-d10	14.616	164	56562	20.000	ng	0.00
64) Phenanthrene-d10	17.366	188	136331	20.000	ng	# 0.00
76) Chrysene-d12	21.631	240	148410	20.000	ng	# 0.00
86) Perylene-d12	24.839	264	155429	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.568	112	95326	117.985	ng	0.00
7) Phenol-d6	7.184	99	131777	119.030	ng	0.01
23) Nitrobenzene-d5	9.146	82	89991	68.770	ng	0.00
42) 2,4,6-Tribromophenol	16.114	330	124321	104.683	ng	0.00
45) 2-Fluorobiphenyl	13.241	172	284476	70.950	ng	0.00
79) Terphenyl-d14	19.974	244	544284	72.755	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.094	88	981	3.052	ng	# 1
9) Benzaldehyde	7.178	77	59	Below Cal		# 10
19) n-Nitroso-di-n-propyla...	9.146	70	12620	17.070	ng	# 80
51) 2,6-Dinitrotoluene	14.616	165	7569	7.811	ng	# 16
57) 2,4-Dinitrotoluene	14.616	165	7569	5.448	ng	# 21
67) 4-Bromophenyl-phenylether	16.114	248	7343	3.835	ng	# 1
75) Fluoranthene	19.422	202	26818	2.898	ng	91
77) Benzidine	19.974	184	7301	2.716	ng	# 94
78) Pyrene	19.781	202	26653	3.130	ng	98
88) Benzo(b)fluoranthene	23.823	252	21658	2.356	ng	# 87
89) Benzo(k)fluoranthene	23.823	252	21658	2.368	ng	# 88

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

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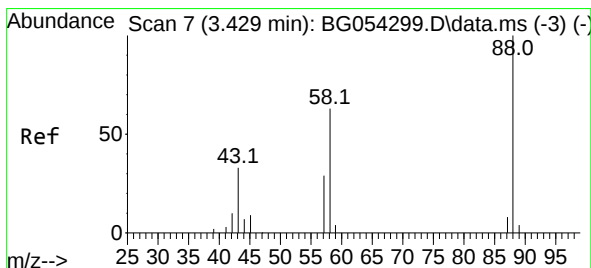
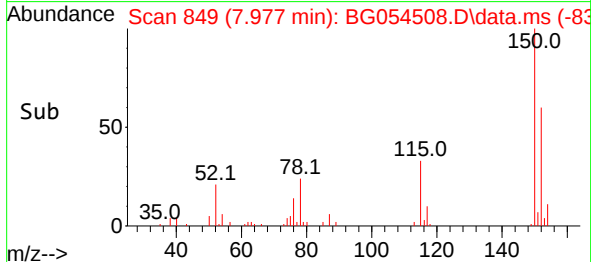
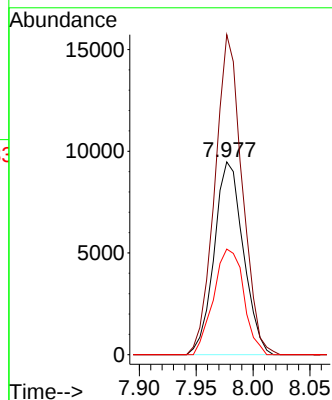
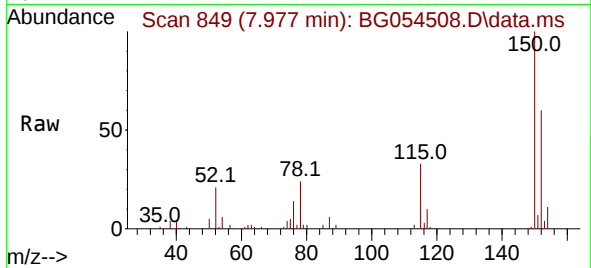




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.977 min Scan# 84
 Delta R.T. -0.011 min
 Lab File: BG054508.D
 Acq: 3 Aug 2022 20:56

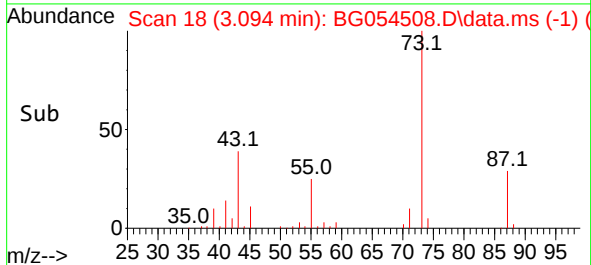
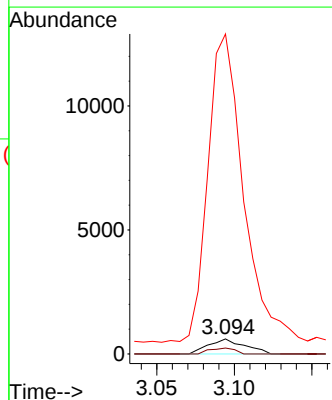
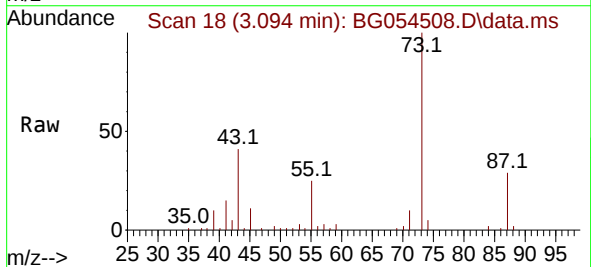
Instrument :
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 ClientSampleId :
 RVE-83

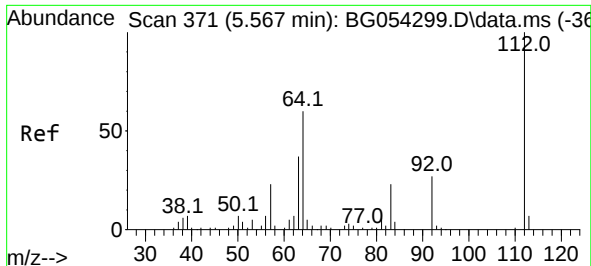
Tgt Ion:152 Resp: 16869
 Ion Ratio Lower Upper
 152 100
 150 165.9 131.6 197.4
 115 54.8 50.9 76.3



#2
 1,4-Dioxane
 Concen: 3.052 ng
 RT: 3.094 min Scan# 18
 Delta R.T. -0.323 min
 Lab File: BG054508.D
 Acq: 3 Aug 2022 20:56

Tgt Ion: 88 Resp: 981
 Ion Ratio Lower Upper
 88 100
 58 27.8 59.2 88.8#
 43 2115.9 24.3 36.5#

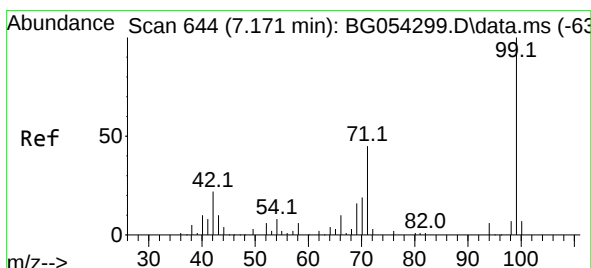
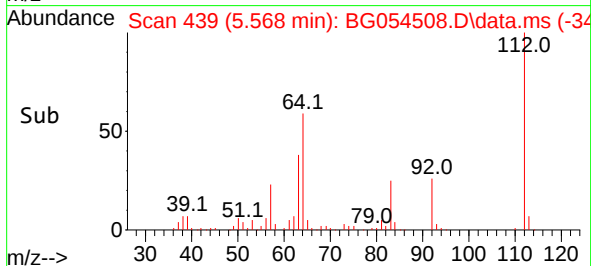
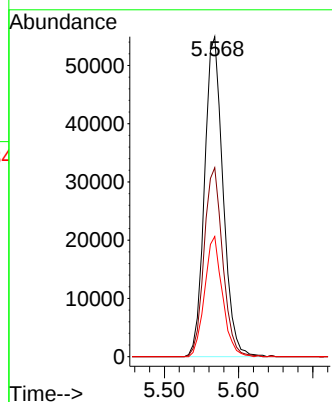
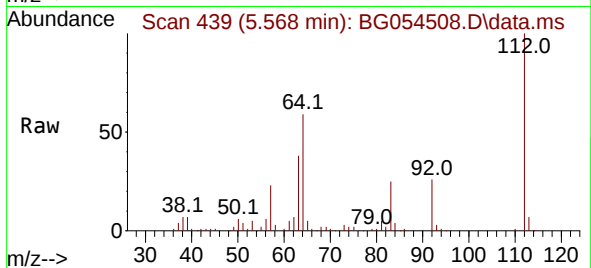




#5
2-Fluorophenol
Concen: 117.985 ng
RT: 5.568 min Scan# 41
Delta R.T. 0.006 min
Lab File: BG054508.D
Acq: 3 Aug 2022 20:56

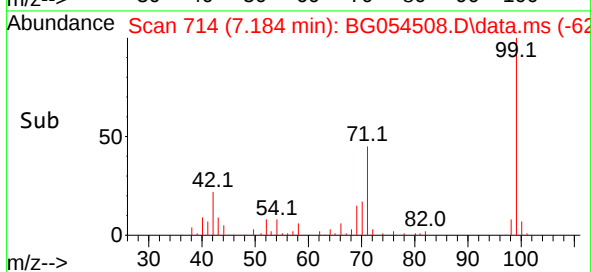
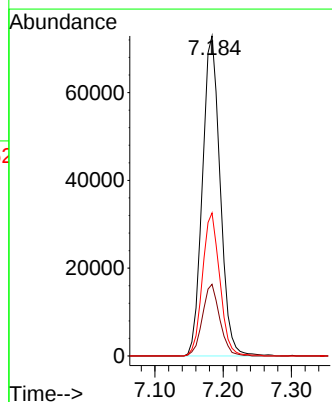
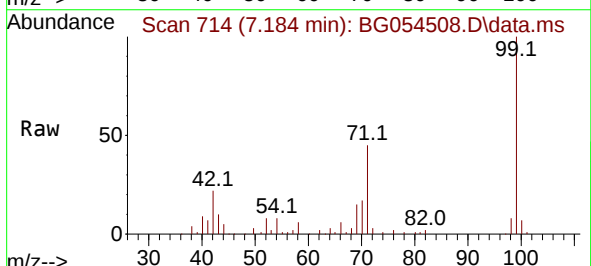
Instrument :
BNA_G
ClientSampleId :
RVE-83

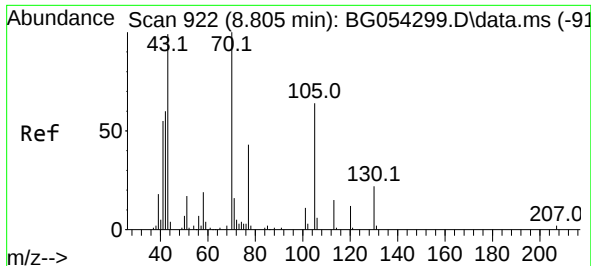
Tgt Ion:112 Resp: 95326
Ion Ratio Lower Upper
112 100
64 59.1 55.1 82.7
63 37.6 30.4 45.6



#7
Phenol-d6
Concen: 119.030 ng
RT: 7.184 min Scan# 714
Delta R.T. 0.012 min
Lab File: BG054508.D
Acq: 3 Aug 2022 20:56

Tgt Ion: 99 Resp: 131777
Ion Ratio Lower Upper
99 100
42 22.4 17.0 25.6
71 44.7 33.8 50.8

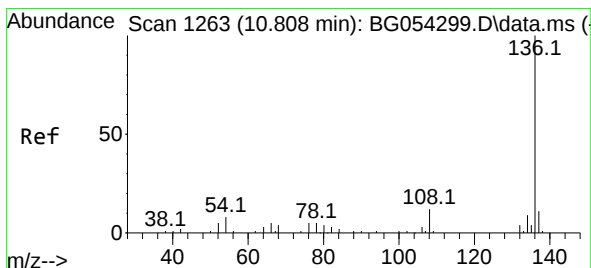
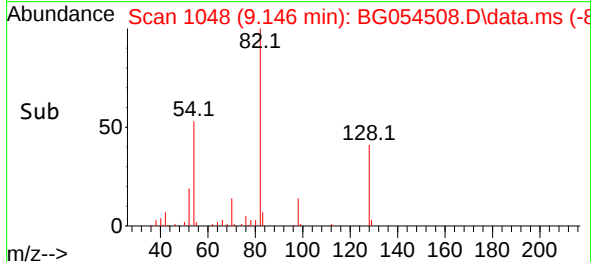
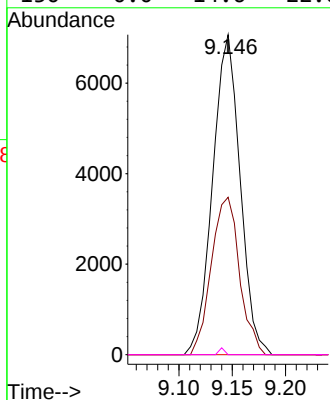
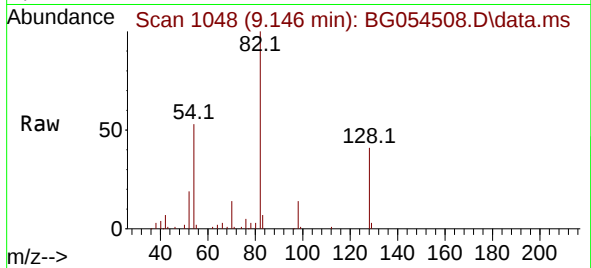




#19
n-Nitroso-di-n-propylamine
Concen: 17.070 ng
RT: 9.146 min Scan# 1048
Delta R.T. 0.353 min
Lab File: BG054508.D
Acq: 3 Aug 2022 20:56

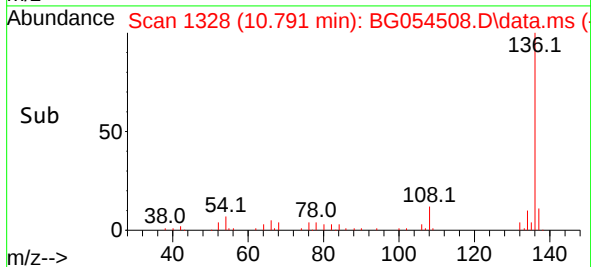
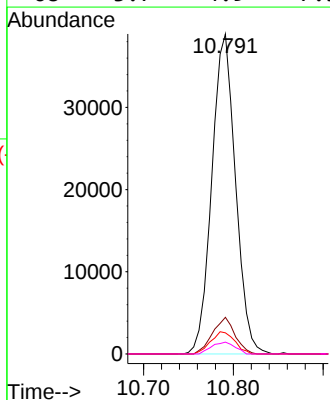
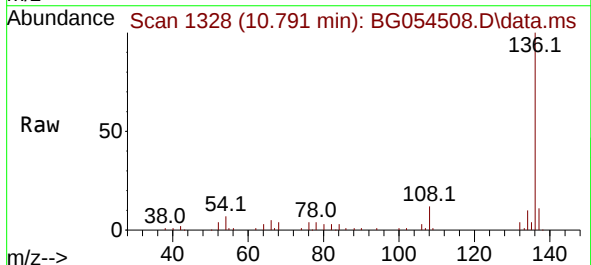
Instrument :
BNA_G
ClientSampleId :
RVE-83

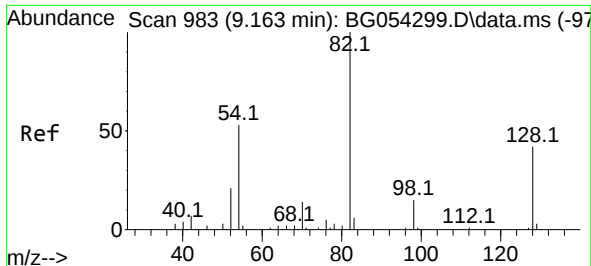
Tgt Ion:	70	Resp:	12620
Ion	Ratio	Lower	Upper
70	100		
42	49.2	47.3	70.9
101	0.0	7.0	10.4#
130	0.0	14.6	22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.791 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BG054508.D
Acq: 3 Aug 2022 20:56

Tgt Ion:	136	Resp:	71261
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	6.6	7.4	11.2#
68	3.7	4.9	7.3#

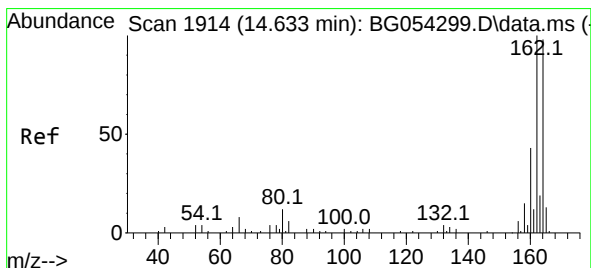
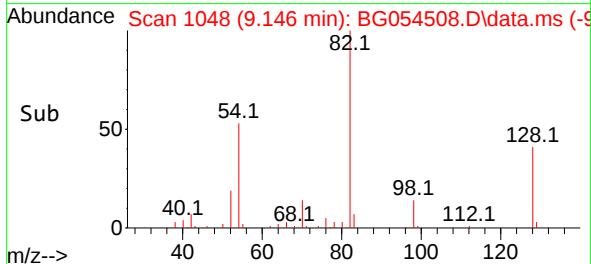
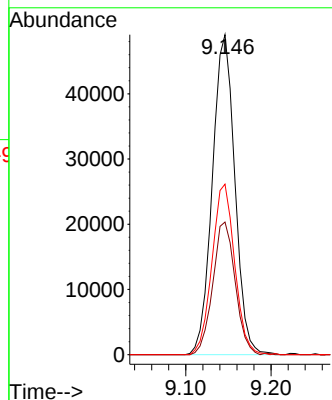
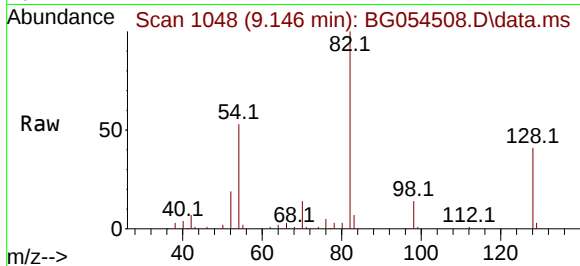




#23
 Nitrobenzene-d5
 Concen: 68.770 ng
 RT: 9.146 min Scan# 1048
 Delta R.T. -0.006 min
 Lab File: BG054508.D
 Acq: 3 Aug 2022 20:56

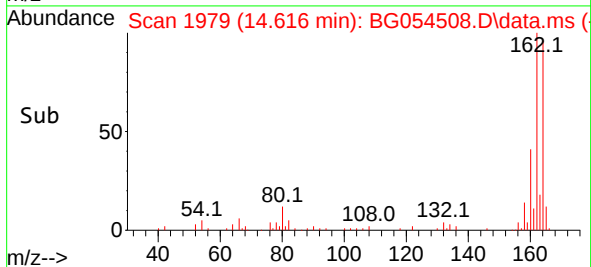
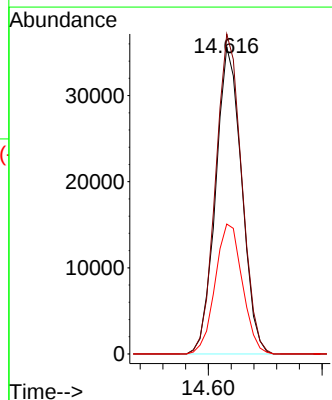
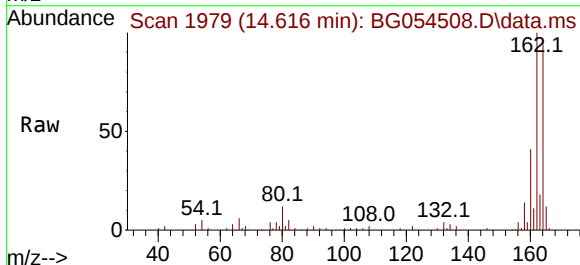
Instrument :
 BNA_G
 ClientSampleId :
 RVE-83

Tgt Ion: 82 Resp: 89991
 Ion Ratio Lower Upper
 82 100
 128 41.5 27.9 41.9
 54 53.3 41.2 61.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.616 min Scan# 1979
 Delta R.T. -0.006 min
 Lab File: BG054508.D
 Acq: 3 Aug 2022 20:56

Tgt Ion: 164 Resp: 56562
 Ion Ratio Lower Upper
 164 100
 162 104.2 82.3 123.5
 160 42.3 34.2 51.2

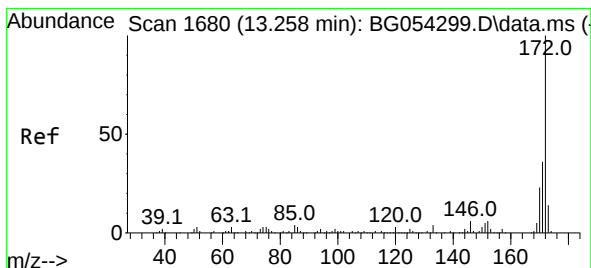
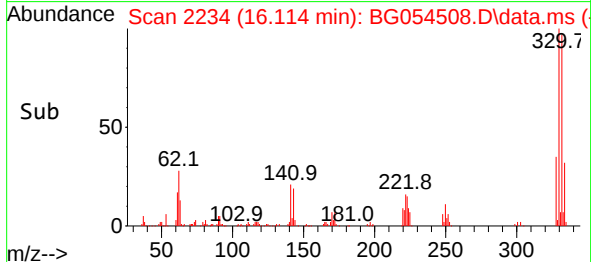
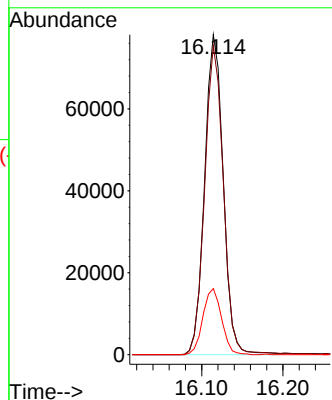
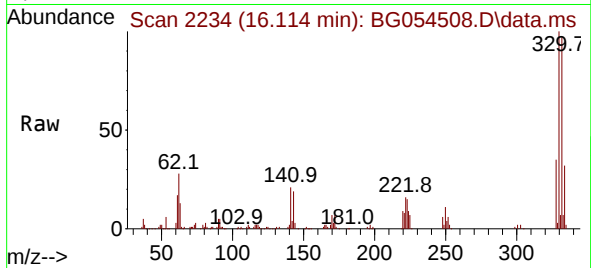




#42
2,4,6-Tribromophenol
Concen: 104.683 ng
RT: 16.114 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BG054508.D
Acq: 3 Aug 2022 20:56

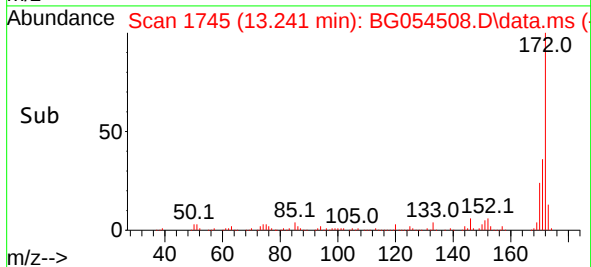
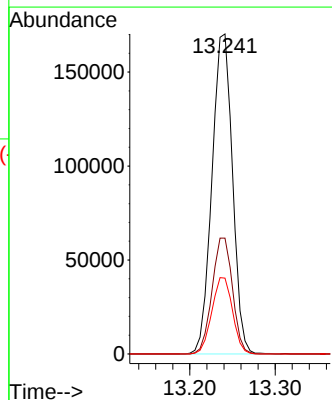
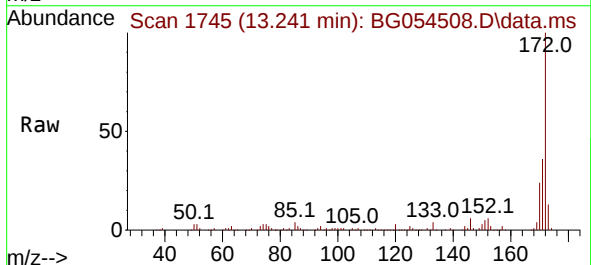
Instrument :
BNA_G
ClientSampleId :
RVE-83

Tgt Ion:330 Resp: 124321
Ion Ratio Lower Upper
330 100
332 97.3 76.0 114.0
141 20.7 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 70.950 ng
RT: 13.241 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BG054508.D
Acq: 3 Aug 2022 20:56

Tgt Ion:172 Resp: 284476
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 23.7 18.9 28.3

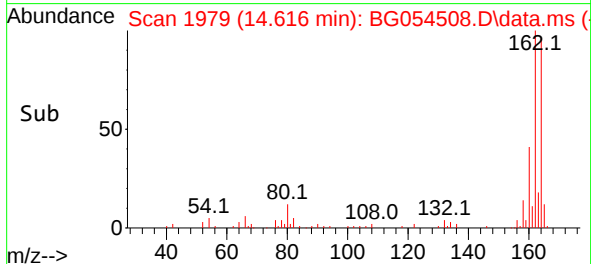
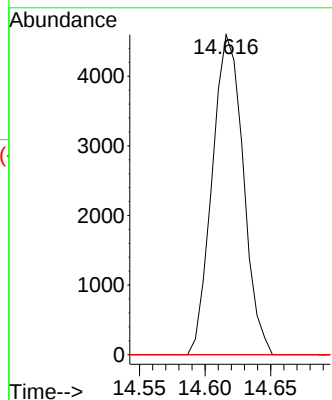
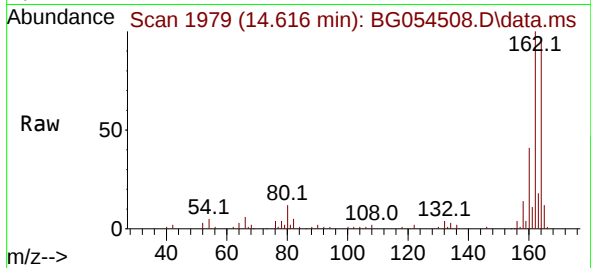




#51
2,6-Dinitrotoluene
Concen: 7.811 ng
RT: 14.616 min Scan# 1979
Delta R.T. 0.417 min
Lab File: BG054508.D
Acq: 3 Aug 2022 20:56

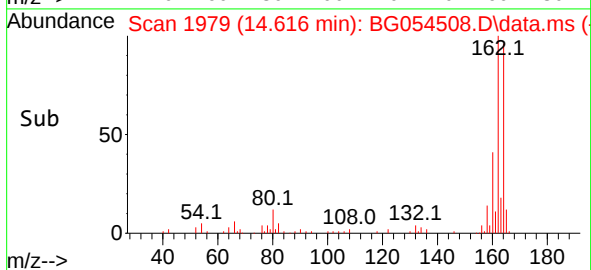
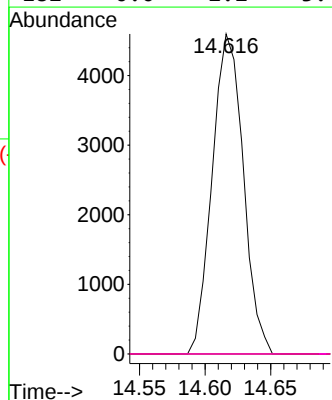
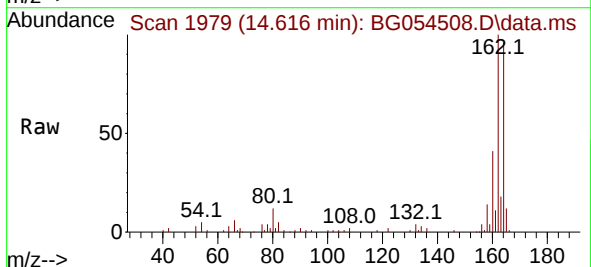
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ClientSampleId :
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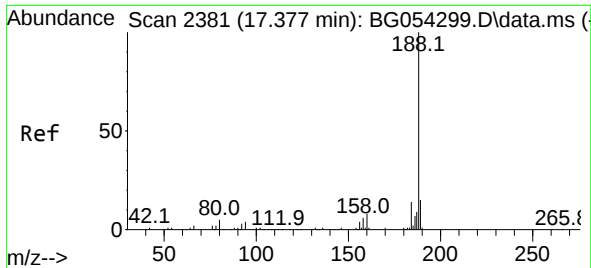
Tgt Ion:165 Resp: 7569
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.448 ng
RT: 14.616 min Scan# 1979
Delta R.T. -0.376 min
Lab File: BG054508.D
Acq: 3 Aug 2022 20:56

Tgt Ion:165 Resp: 7569
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#

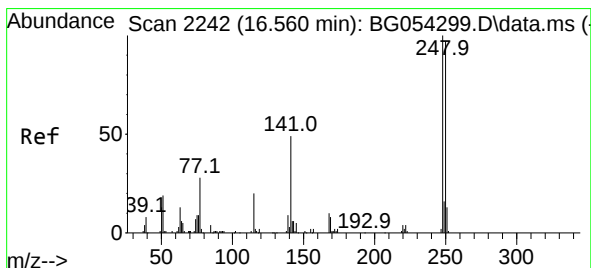
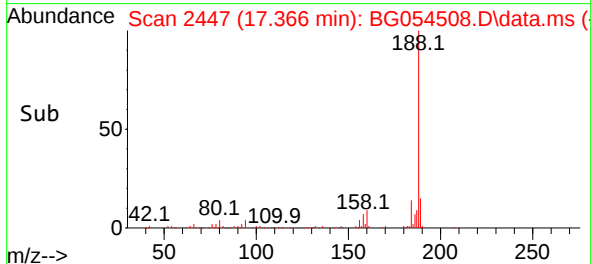
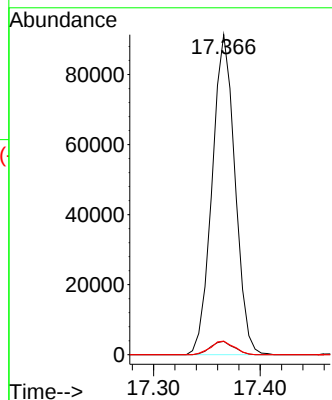
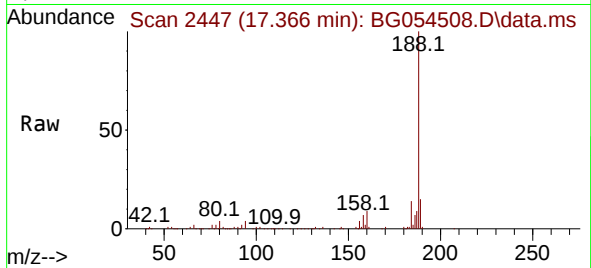




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.366 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BG054508.D
Acq: 3 Aug 2022 20:56

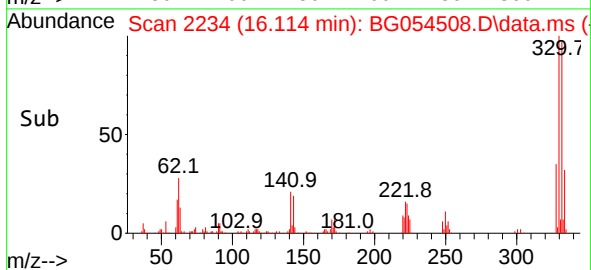
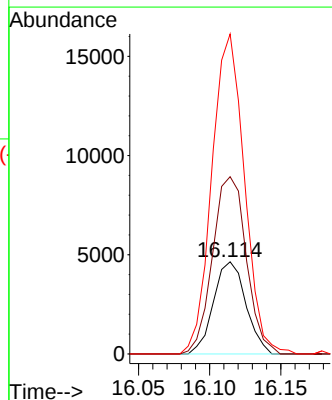
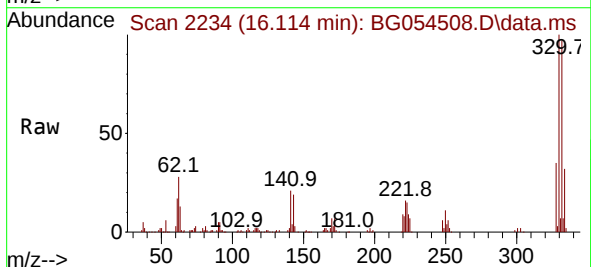
Instrument :
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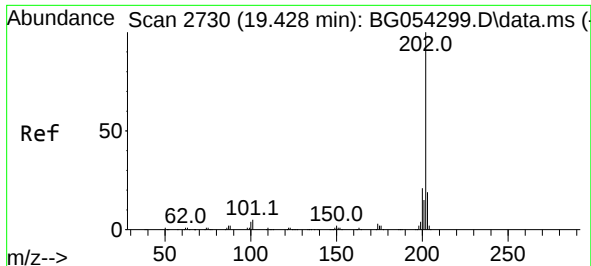
Tgt Ion:188 Resp: 136331
Ion Ratio Lower Upper
188 100
94 4.1 5.4 8.0#
80 4.3 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 3.835 ng
RT: 16.114 min Scan# 2234
Delta R.T. -0.440 min
Lab File: BG054508.D
Acq: 3 Aug 2022 20:56

Tgt Ion:248 Resp: 7343
Ion Ratio Lower Upper
248 100
250 192.5 75.2 112.8#
141 347.5 50.0 75.0#

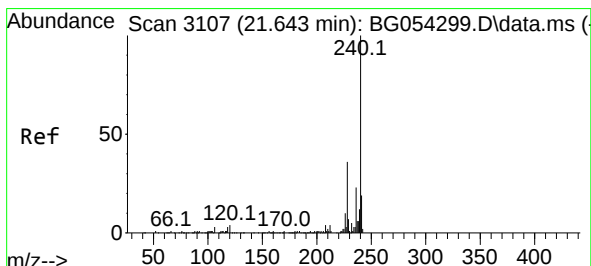
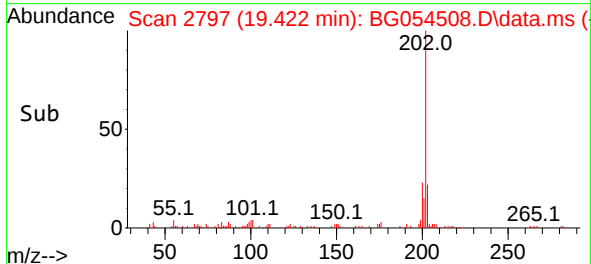
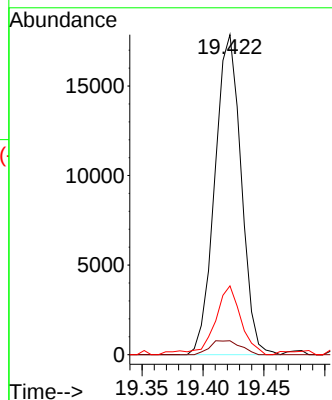
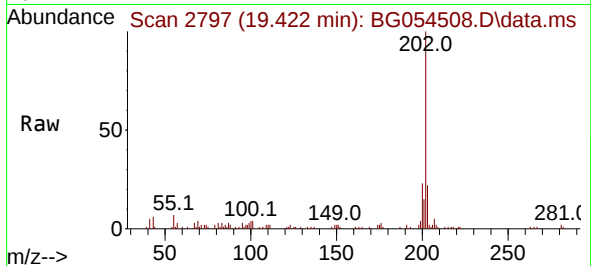




#75
Fluoranthene
Concen: 2.898 ng
RT: 19.422 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG054508.D
Acq: 3 Aug 2022 20:56

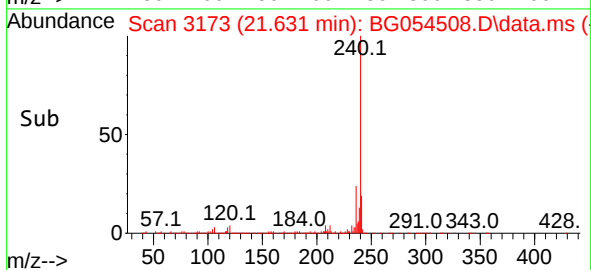
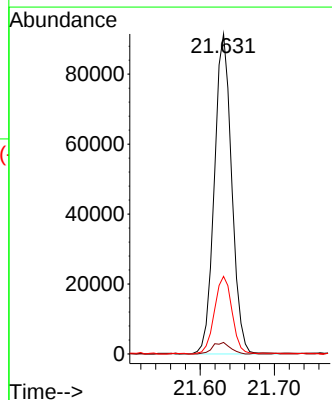
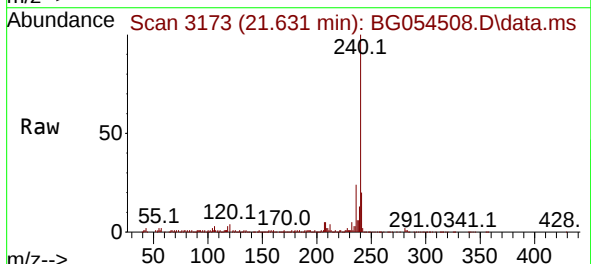
Instrument :
BNA_G
ClientSampleId :
RVE-83

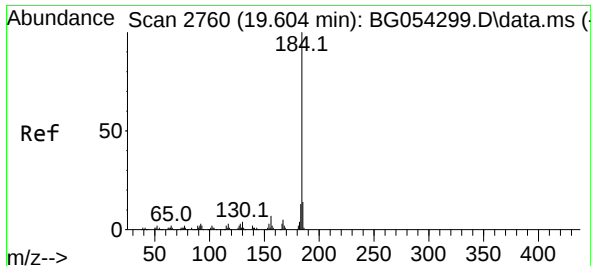
Tgt Ion	Ratio	Lower	Upper
202	100		
101	4.4	0.0	26.9
203	21.5	0.0	37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.631 min Scan# 3173
Delta R.T. -0.006 min
Lab File: BG054508.D
Acq: 3 Aug 2022 20:56

Tgt Ion	Ratio	Lower	Upper
240	100		
120	3.6	4.6	7.0#
236	24.3	20.2	30.4

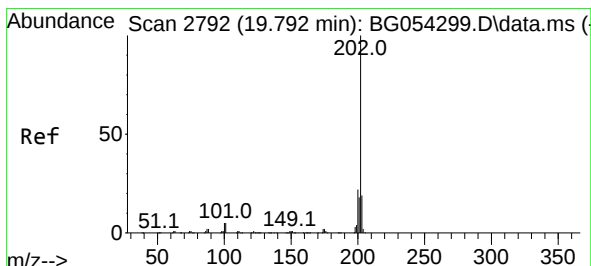
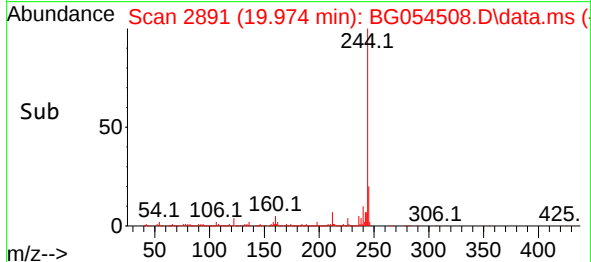
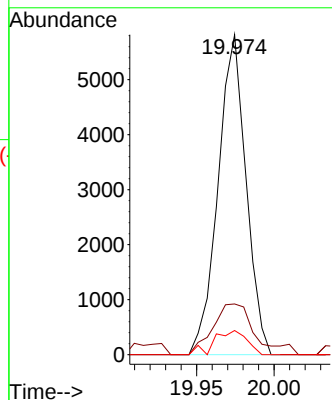
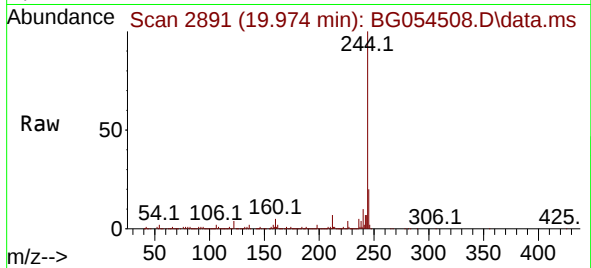




#77
Benzidine
Concen: 2.716 ng
RT: 19.974 min Scan# 2891
Delta R.T. 0.376 min
Lab File: BG054508.D
Acq: 3 Aug 2022 20:56

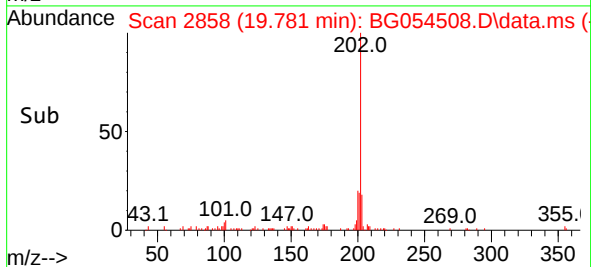
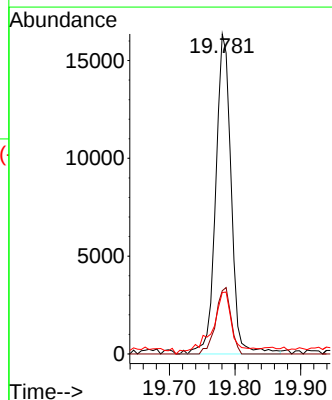
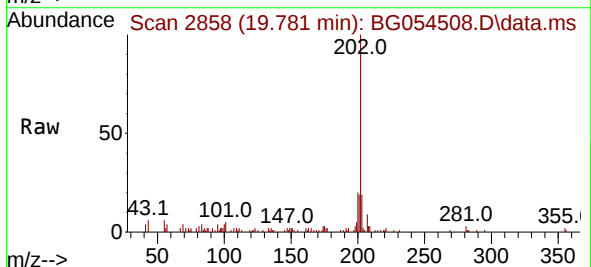
Instrument :
BNA_G
ClientSampleId :
RVE-83

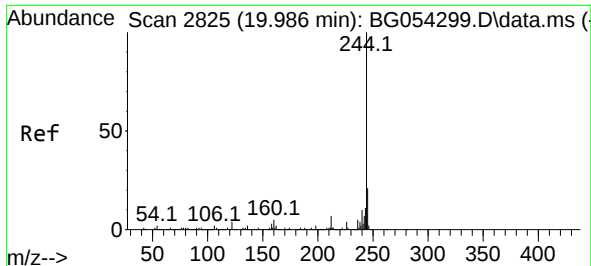
Tgt Ion:184 Resp: 7301
Ion Ratio Lower Upper
184 100
185 15.8 11.8 17.6
183 7.6 8.9 13.3#



#78
Pyrene
Concen: 3.130 ng
RT: 19.781 min Scan# 2858
Delta R.T. -0.006 min
Lab File: BG054508.D
Acq: 3 Aug 2022 20:56

Tgt Ion:202 Resp: 26653
Ion Ratio Lower Upper
202 100
200 19.8 16.6 24.8
203 19.2 14.6 21.8

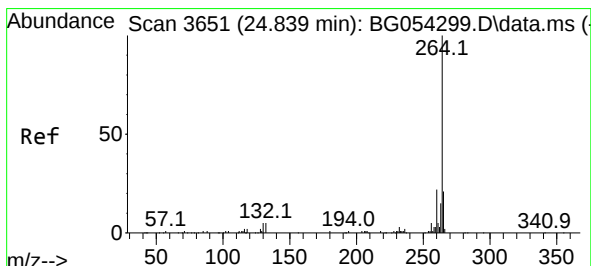
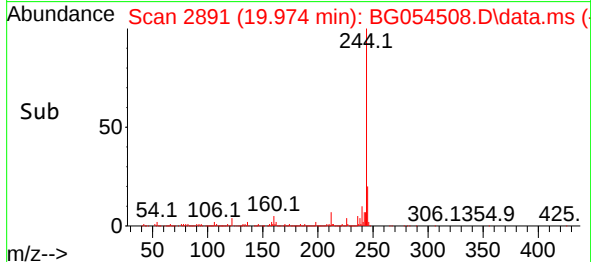
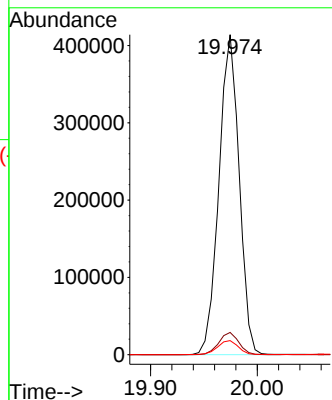
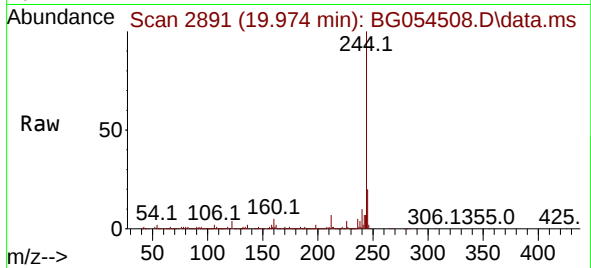




#79
 Terphenyl-d14
 Concen: 72.755 ng
 RT: 19.974 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG054508.D
 Acq: 3 Aug 2022 20:56

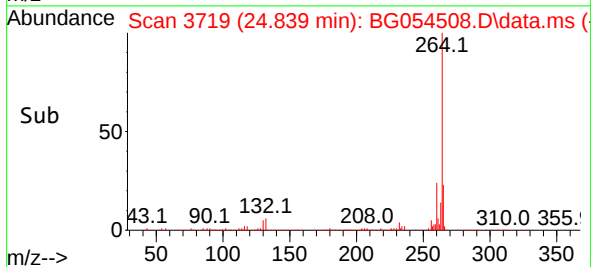
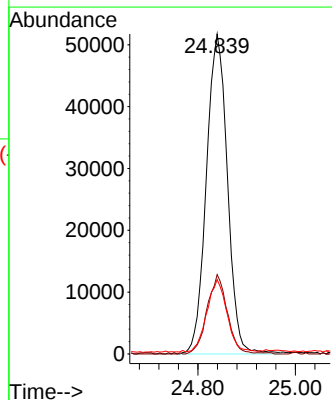
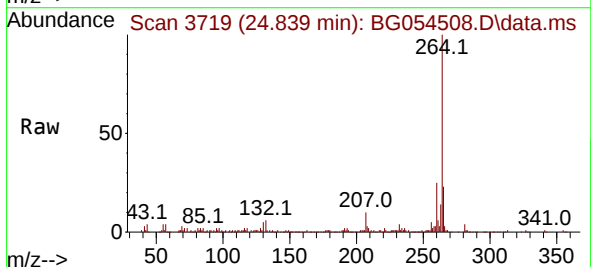
Instrument :
 BNA_G
 ClientSampleId :
 RVE-83

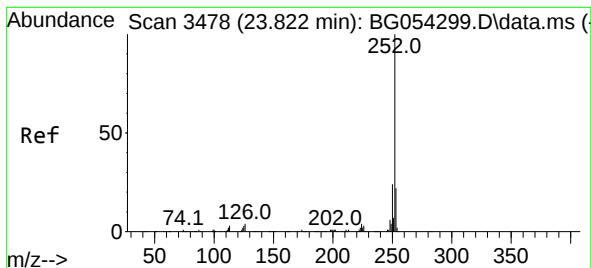
Tgt Ion:244 Resp: 544284
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 4.4 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.839 min Scan# 3719
 Delta R.T. 0.006 min
 Lab File: BG054508.D
 Acq: 3 Aug 2022 20:56

Tgt Ion:264 Resp: 155429
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.0 28.6
 265 23.3 17.4 26.2





#88

Benzo(b)fluoranthene

Concen: 2.356 ng

RT: 23.823 min Scan# 3

Delta R.T. 0.000 min

Lab File: BG054508.D

Acq: 3 Aug 2022 20:56

Instrument :

BNA_G

ClientSampleId :

RVE-83

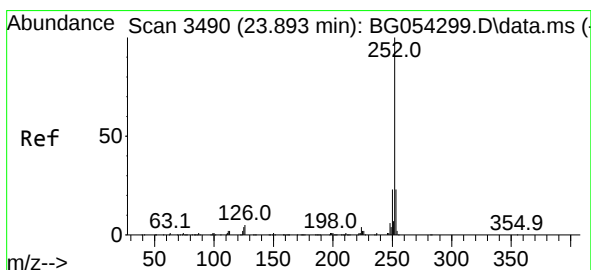
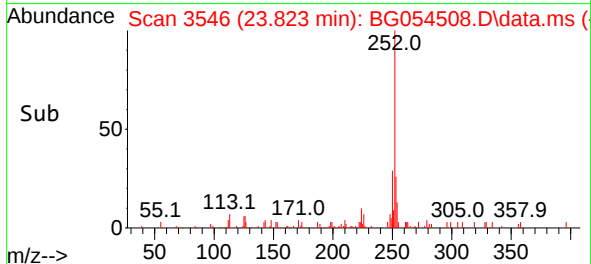
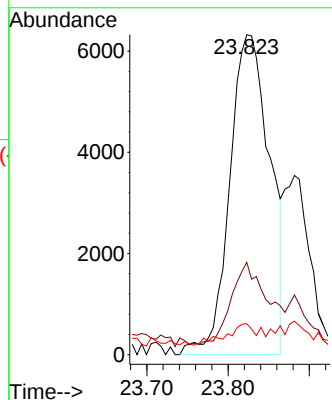
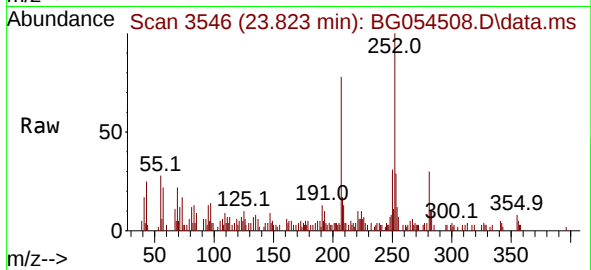
Tgt Ion:252 Resp: 21658

Ion Ratio Lower Upper

252 100

253 28.8 18.0 27.0#

125 9.7 4.6 6.8#



#89

Benzo(k)fluoranthene

Concen: 2.368 ng

RT: 23.823 min Scan# 3546

Delta R.T. -0.064 min

Lab File: BG054508.D

Acq: 3 Aug 2022 20:56

Tgt Ion:252 Resp: 21658

Ion Ratio Lower Upper

252 100

253 28.8 18.4 27.6#

125 9.7 4.8 7.2#

