

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080322\
 Data File : BG054509.D
 Acq On : 3 Aug 2022 21:39
 Operator : CG/JU
 Sample : N3930-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-94

Quant Time: Aug 04 00:44:55 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)

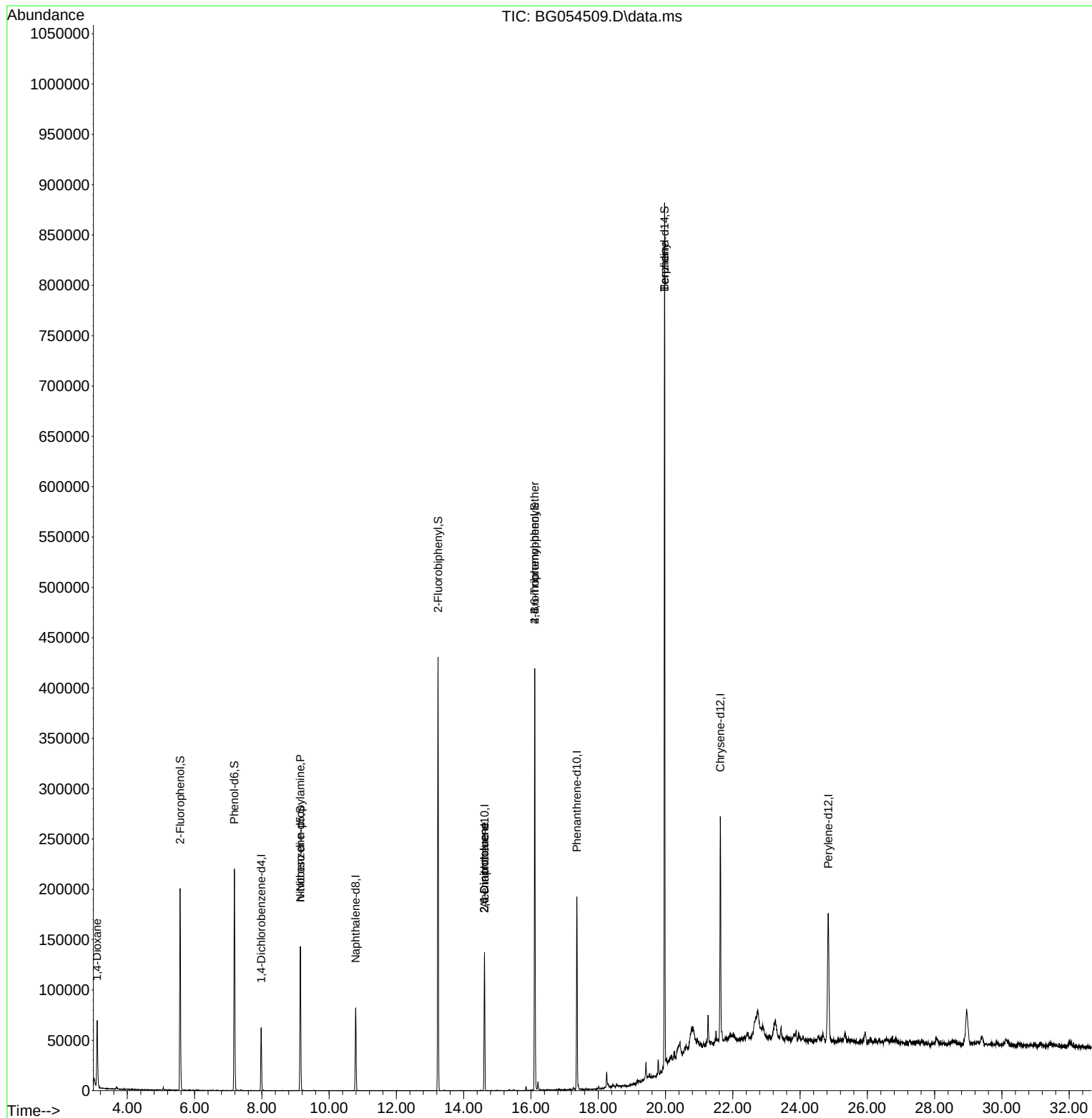
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	19460	20.000	ng	0.00
21) Naphthalene-d8	10.790	136	73872	20.000	ng	# 0.00
39) Acenaphthene-d10	14.621	164	55842	20.000	ng	0.00
64) Phenanthrene-d10	17.364	188	134248	20.000	ng	# 0.00
76) Chrysene-d12	21.630	240	149557	20.000	ng	# 0.00
86) Perylene-d12	24.838	264	159241	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.572	112	93918	100.766	ng	0.01
7) Phenol-d6	7.182	99	128635	100.722	ng	0.01
23) Nitrobenzene-d5	9.145	82	87425	64.448	ng	0.00
42) 2,4,6-Tribromophenol	16.113	330	111056	94.719	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	253364	64.005	ng	0.00
79) Terphenyl-d14	19.973	244	479472	63.600	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.099	88	967	2.608	ng	# 1
9) Benzaldehyde	7.182	77	54	Below Cal		# 10
19) n-Nitroso-di-n-propyla...	9.145	70	12456	14.605	ng	# 81
51) 2,6-Dinitrotoluene	14.615	165	7669	8.016	ng	# 16
57) 2,4-Dinitrotoluene	14.615	165	7669	5.592	ng	# 21
67) 4-Bromophenyl-phenylether	16.113	248	6919	3.670	ng	# 1
77) Benzydine	19.973	184	6277	2.317	ng	# 90

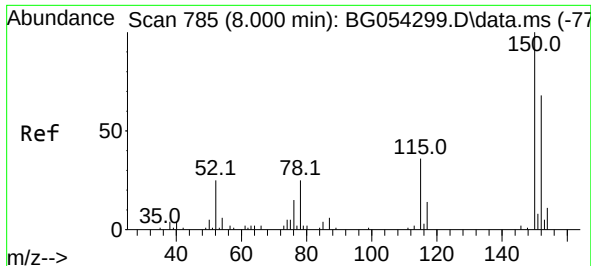
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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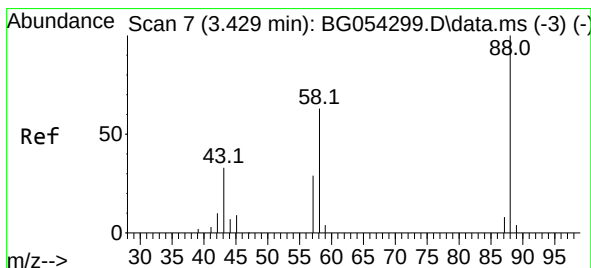
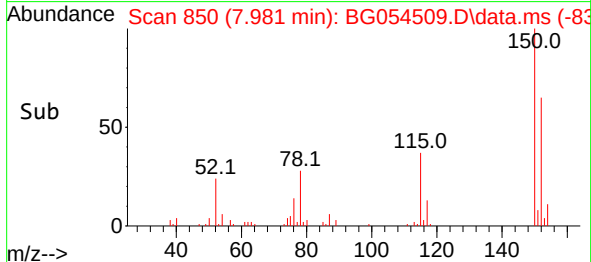
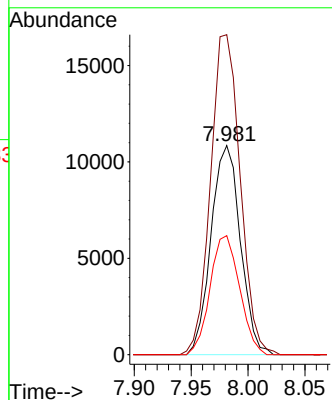
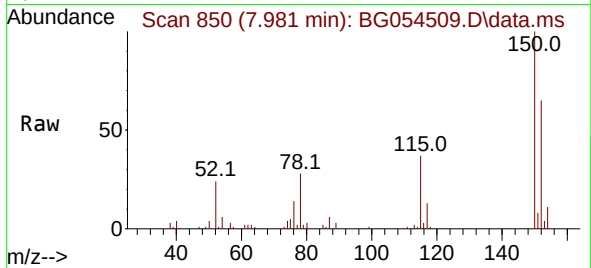




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.981 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BG054509.D
 Acq: 3 Aug 2022 21:39

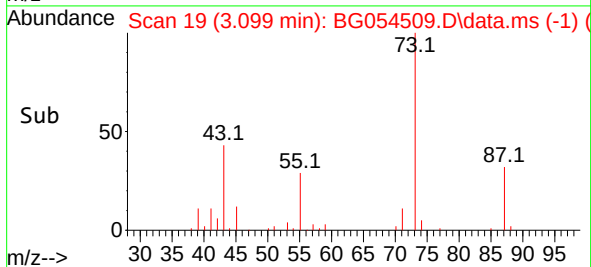
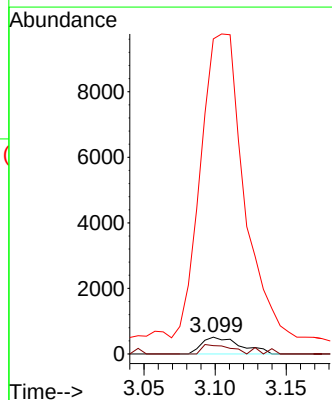
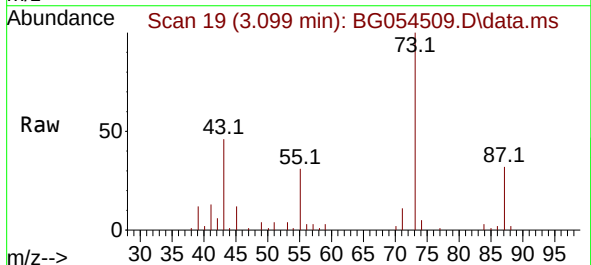
Instrument :
 BNA_G
 ClientSampleId :
 RVE-94

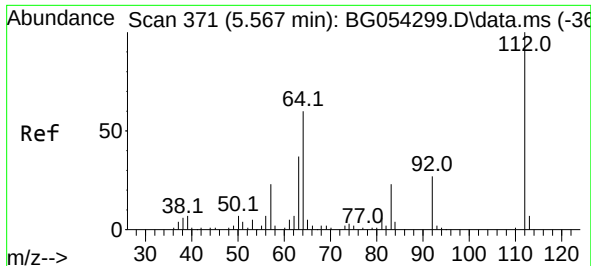
Tgt Ion:152 Resp: 19460
 Ion Ratio Lower Upper
 152 100
 150 153.0 131.6 197.4
 115 56.9 50.9 76.3



#2
 1,4-Dioxane
 Concen: 2.608 ng
 RT: 3.099 min Scan# 19
 Delta R.T. -0.319 min
 Lab File: BG054509.D
 Acq: 3 Aug 2022 21:39

Tgt Ion: 88 Resp: 967
 Ion Ratio Lower Upper
 88 100
 58 40.5 59.2 88.8#
 43 2177.0 24.3 36.5#

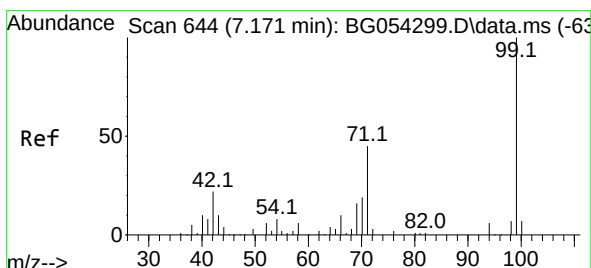
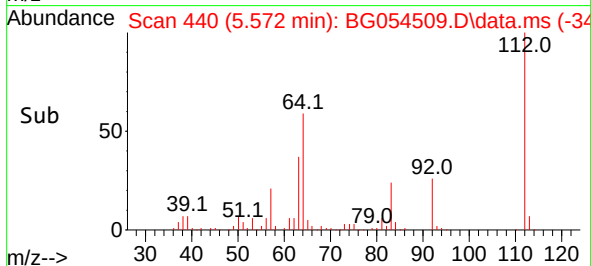
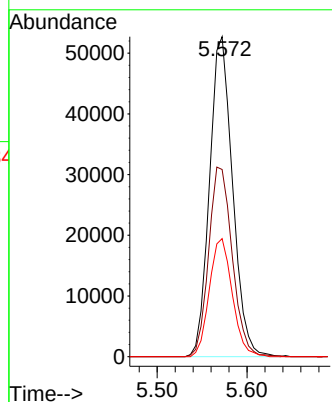
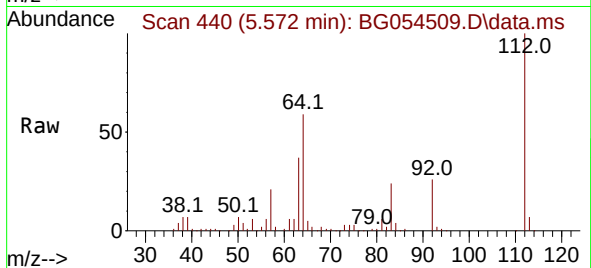




#5
2-Fluorophenol
Concen: 100.766 ng
RT: 5.572 min Scan# 41
Delta R.T. 0.010 min
Lab File: BG054509.D
Acq: 3 Aug 2022 21:39

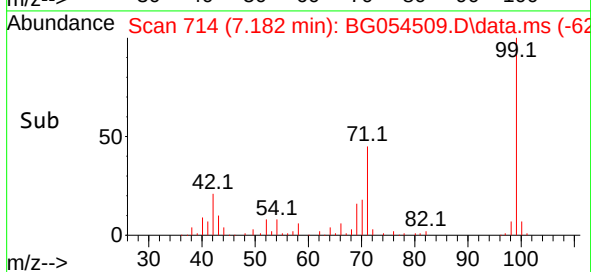
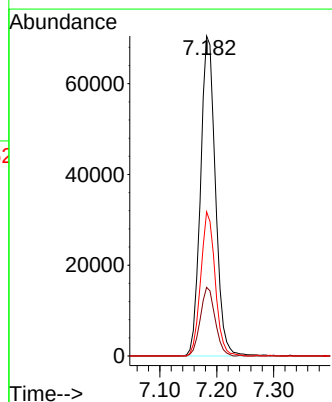
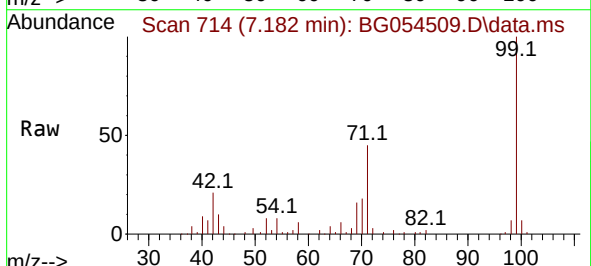
Instrument :
BNA_G
ClientSampleId :
RVE-94

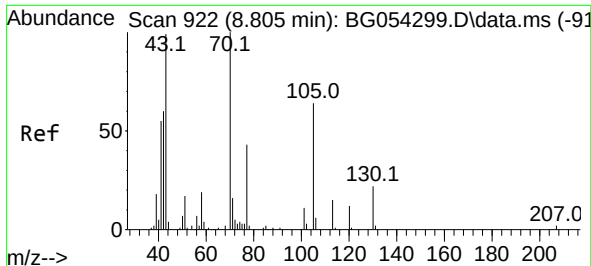
Tgt Ion:112 Resp: 93918
Ion Ratio Lower Upper
112 100
64 58.5 55.1 82.7
63 36.9 30.4 45.6



#7
Phenol-d6
Concen: 100.722 ng
RT: 7.182 min Scan# 714
Delta R.T. 0.010 min
Lab File: BG054509.D
Acq: 3 Aug 2022 21:39

Tgt Ion: 99 Resp: 128635
Ion Ratio Lower Upper
99 100
42 21.4 17.0 25.6
71 45.1 33.8 50.8

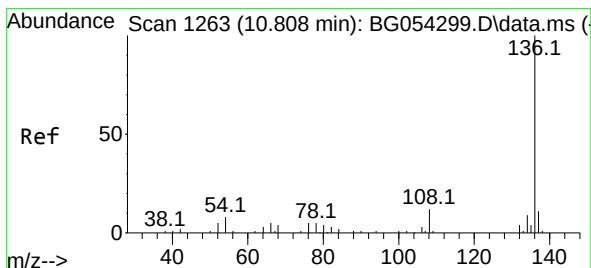
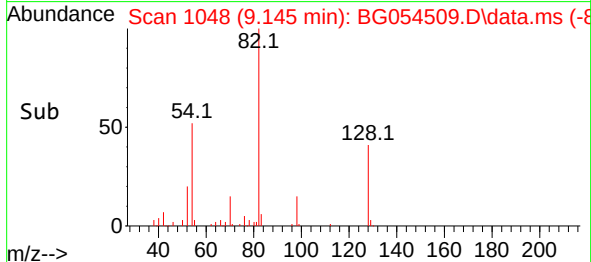
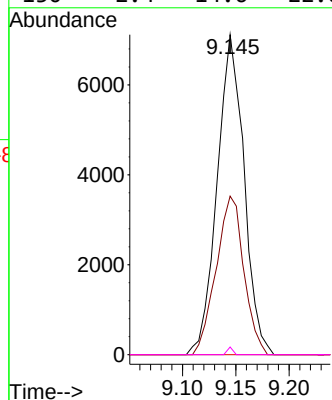
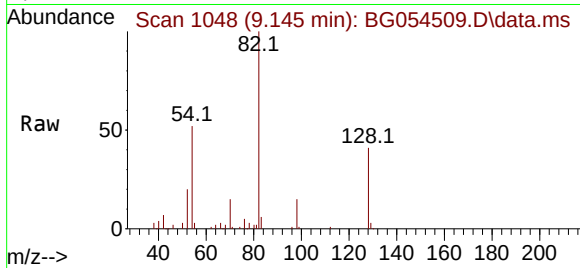




#19
n-Nitroso-di-n-propylamine
Concen: 14.605 ng
RT: 9.145 min Scan# 1048
Delta R.T. 0.351 min
Lab File: BG054509.D
Acq: 3 Aug 2022 21:39

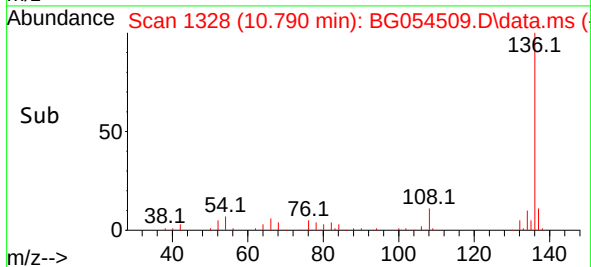
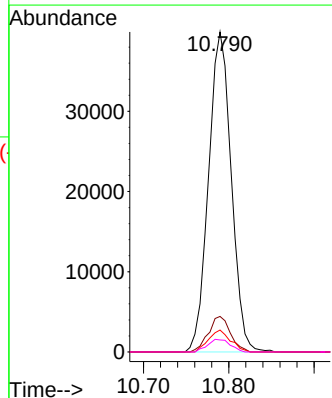
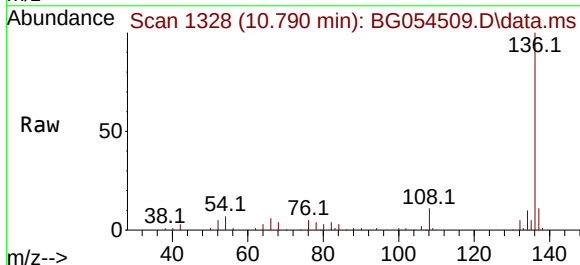
Instrument :
BNA_G
ClientSampleId :
RVE-94

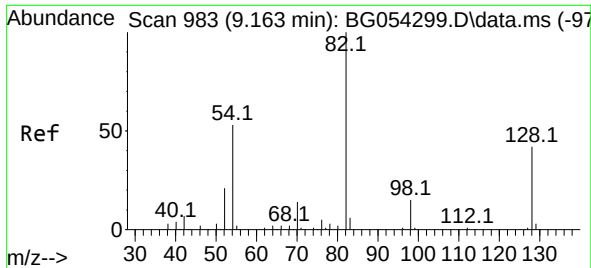
Tgt Ion:	70	Resp:	12456
Ion Ratio	Lower	Upper	
70	100		
42	49.6	47.3	70.9
101	0.0	7.0	10.4#
130	2.4	14.6	22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.790 min Scan# 1328
Delta R.T. -0.007 min
Lab File: BG054509.D
Acq: 3 Aug 2022 21:39

Tgt Ion:	136	Resp:	73872
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.5	12.7
54	6.9	7.4	11.2#
68	3.8	4.9	7.3#

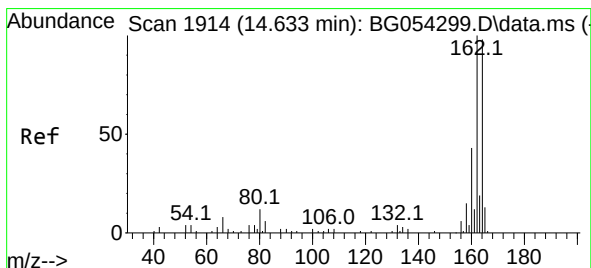
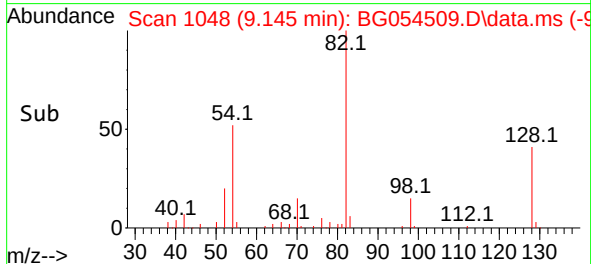
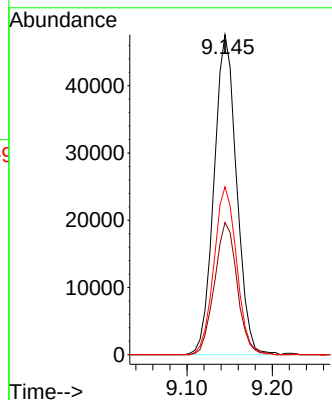
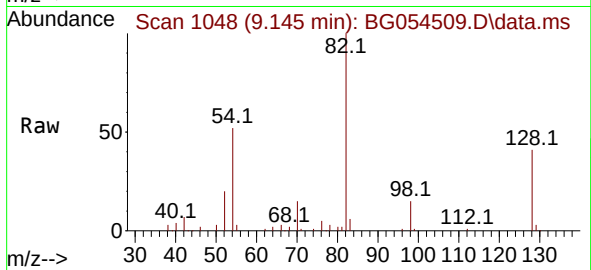




#23
Nitrobenzene-d5
Concen: 64.448 ng
RT: 9.145 min Scan# 10
Delta R.T. -0.007 min
Lab File: BG054509.D
Acq: 3 Aug 2022 21:39

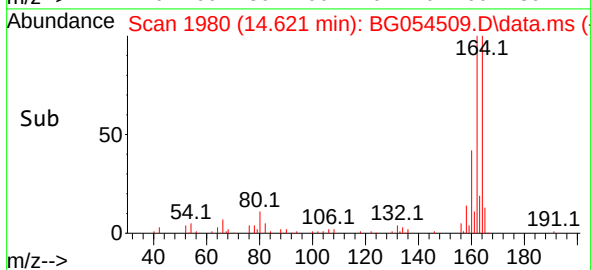
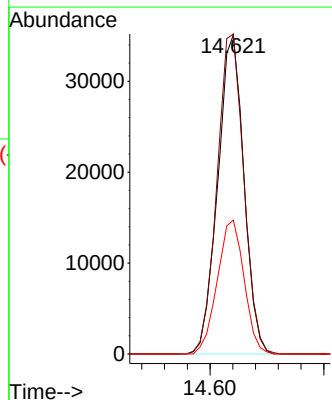
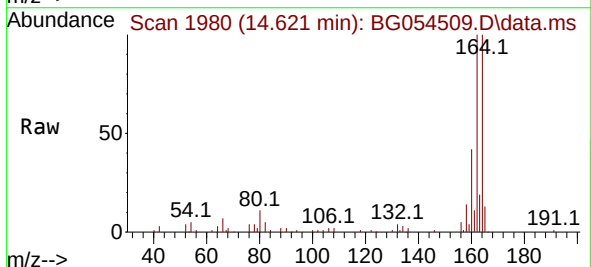
Instrument :
BNA_G
ClientSampleId :
RVE-94

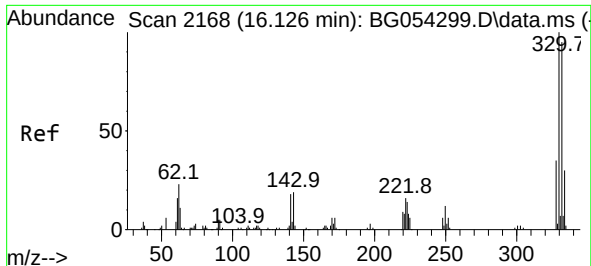
Tgt Ion: 82 Resp: 87425
Ion Ratio Lower Upper
82 100
128 41.3 27.9 41.9
54 52.4 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.621 min Scan# 1980
Delta R.T. -0.001 min
Lab File: BG054509.D
Acq: 3 Aug 2022 21:39

Tgt Ion:164 Resp: 55842
Ion Ratio Lower Upper
164 100
162 100.3 82.3 123.5
160 42.0 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 94.719 ng

RT: 16.113 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG054509.D

Acq: 3 Aug 2022 21:39

Instrument :

BNA_G

ClientSampleId :

RVE-94

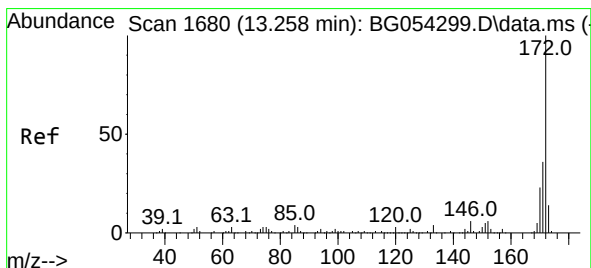
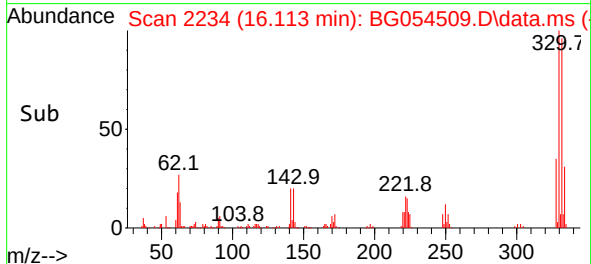
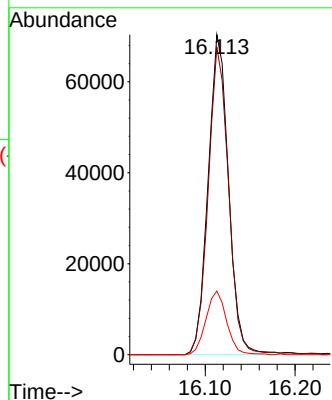
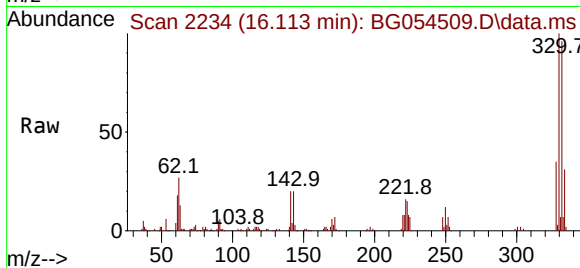
Tgt Ion:330 Resp: 111056

Ion Ratio Lower Upper

330 100

332 96.0 76.0 114.0

141 20.1 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 64.005 ng

RT: 13.240 min Scan# 1745

Delta R.T. -0.007 min

Lab File: BG054509.D

Acq: 3 Aug 2022 21:39

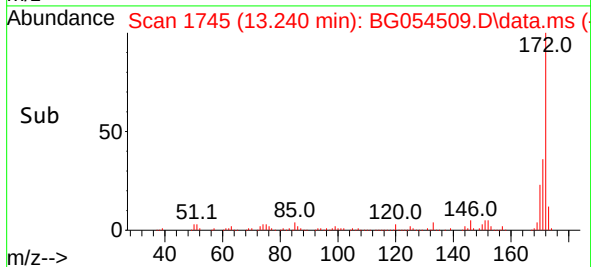
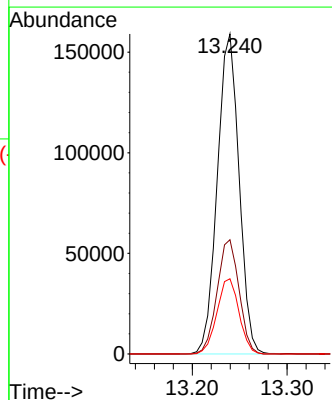
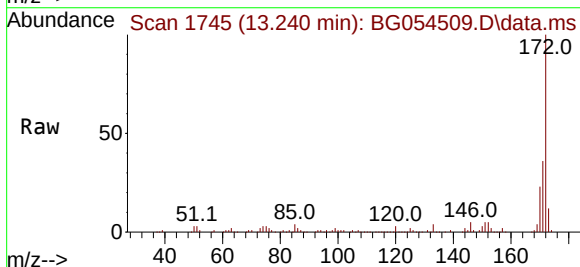
Tgt Ion:172 Resp: 253364

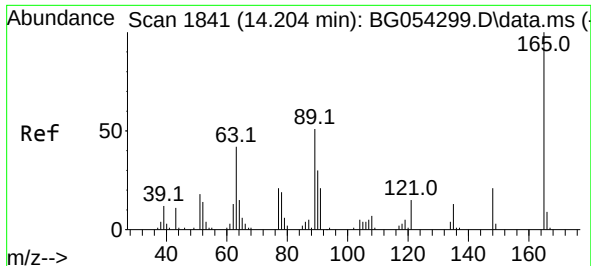
Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 23.5 18.9 28.3

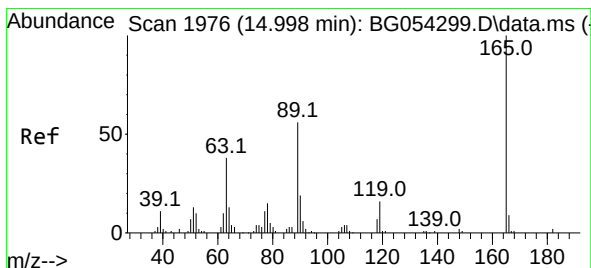
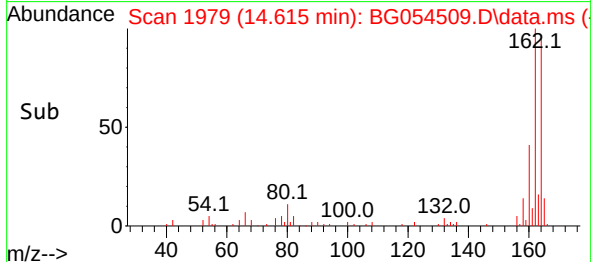
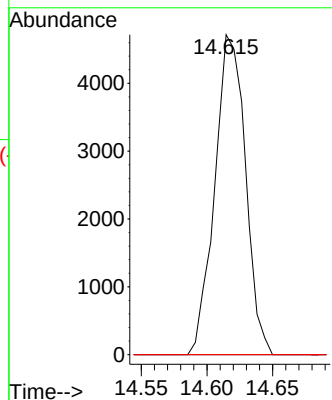
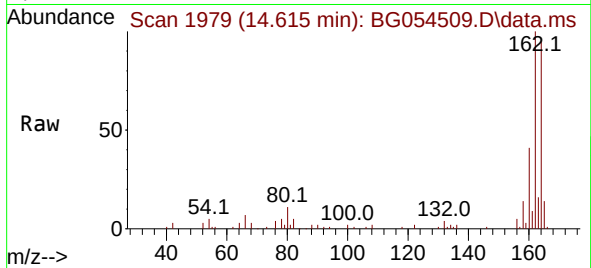




#51
2,6-Dinitrotoluene
Concen: 8.016 ng
RT: 14.615 min Scan# 1979
Delta R.T. 0.416 min
Lab File: BG054509.D
Acq: 3 Aug 2022 21:39

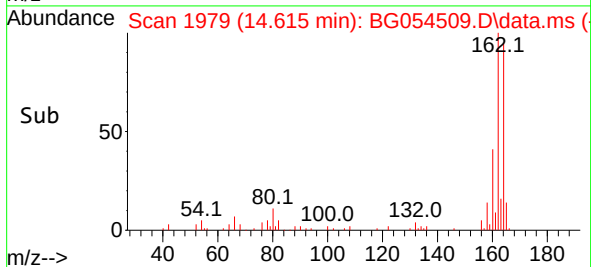
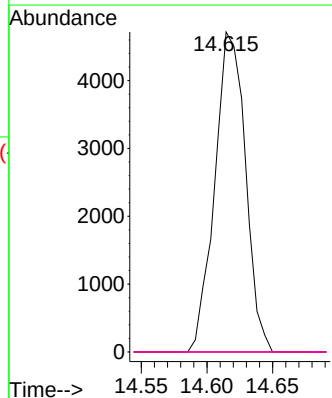
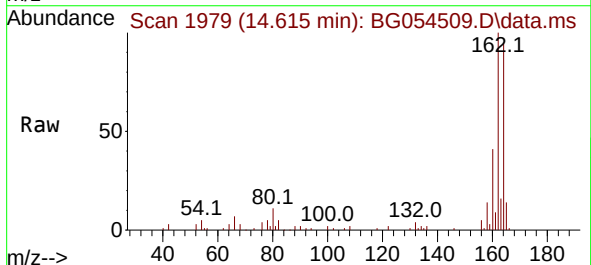
Instrument :
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RVE-94

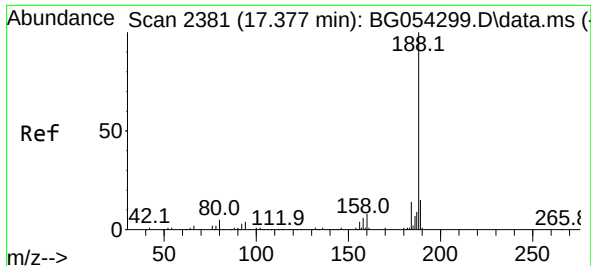
Tgt Ion:165 Resp: 7669
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.592 ng
RT: 14.615 min Scan# 1979
Delta R.T. -0.377 min
Lab File: BG054509.D
Acq: 3 Aug 2022 21:39

Tgt Ion:165 Resp: 7669
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#

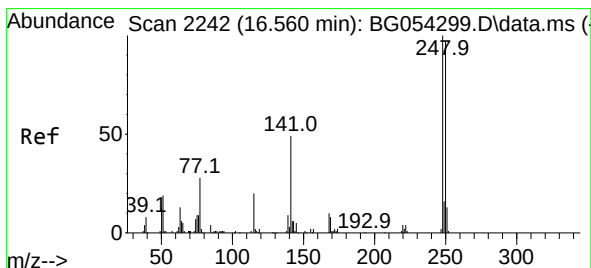
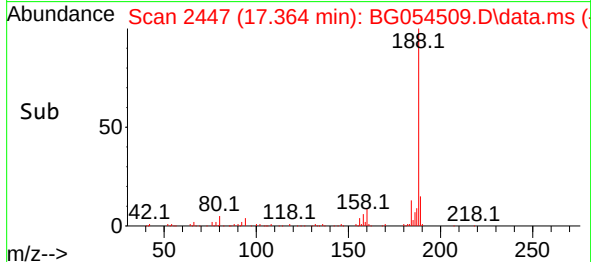
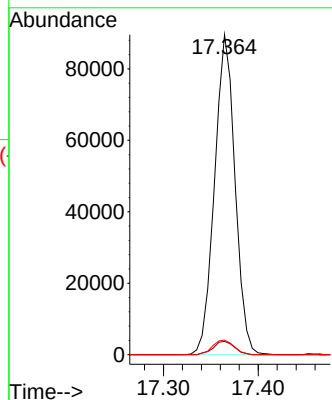
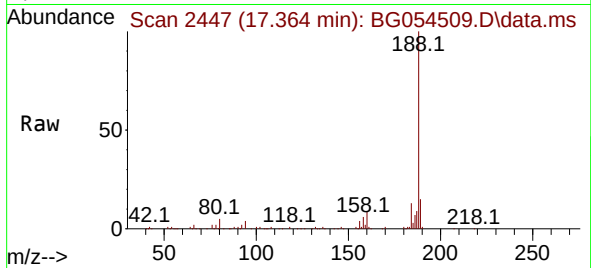




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.364 min Scan# 2447
Delta R.T. -0.007 min
Lab File: BG054509.D
Acq: 3 Aug 2022 21:39

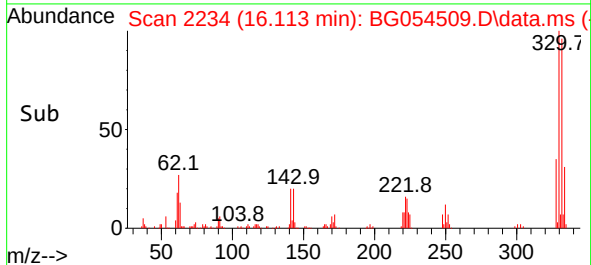
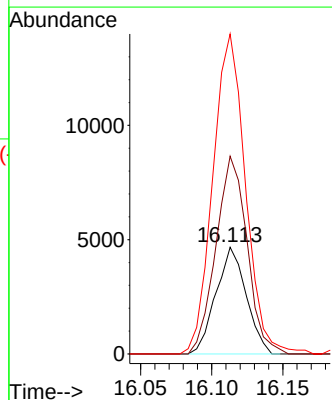
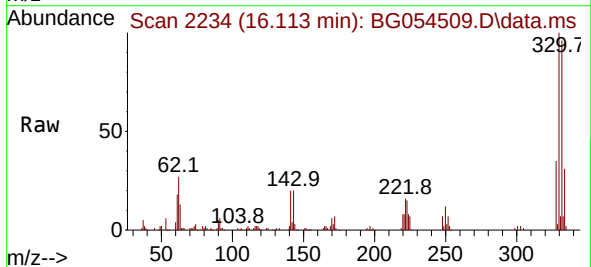
Instrument :
BNA_G
ClientSampleId :
RVE-94

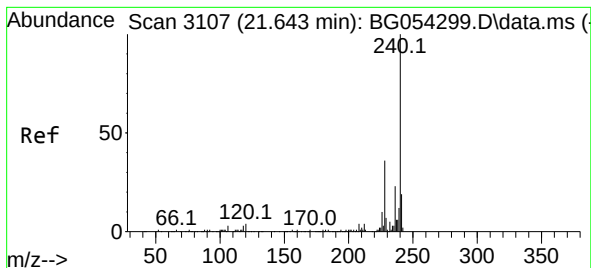
Tgt Ion:188 Resp: 134248
Ion Ratio Lower Upper
188 100
94 4.1 5.4 8.0#
80 4.6 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 3.670 ng
RT: 16.113 min Scan# 2234
Delta R.T. -0.442 min
Lab File: BG054509.D
Acq: 3 Aug 2022 21:39

Tgt Ion:248 Resp: 6919
Ion Ratio Lower Upper
248 100
250 141.4 75.2 112.8#
141 228.9 50.0 75.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.630 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG054509.D

Acq: 3 Aug 2022 21:39

Instrument :

BNA_G

ClientSampleId :

RVE-94

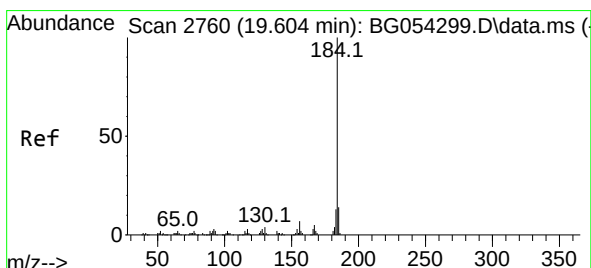
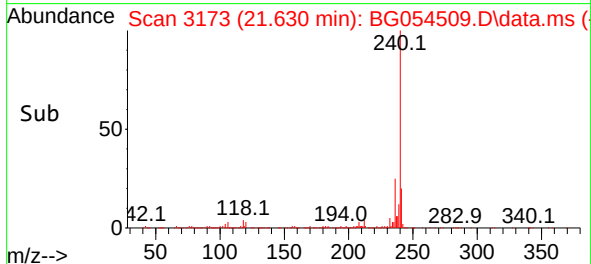
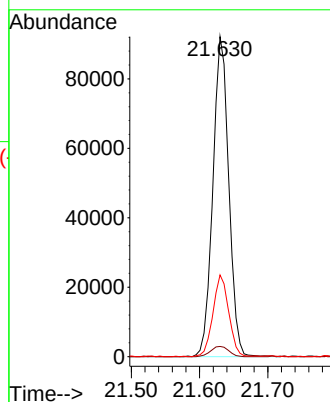
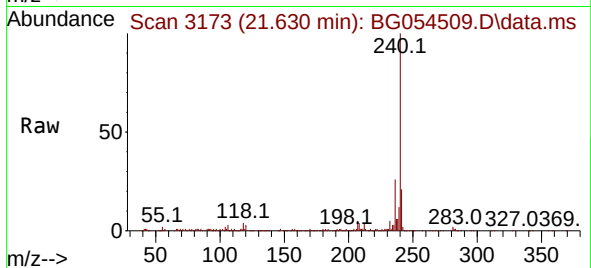
Tgt Ion:240 Resp: 149557

Ion Ratio Lower Upper

240 100

120 3.2 4.6 7.0#

236 25.5 20.2 30.4



#77

Benzidine

Concen: 2.317 ng

RT: 19.973 min Scan# 2891

Delta R.T. 0.375 min

Lab File: BG054509.D

Acq: 3 Aug 2022 21:39

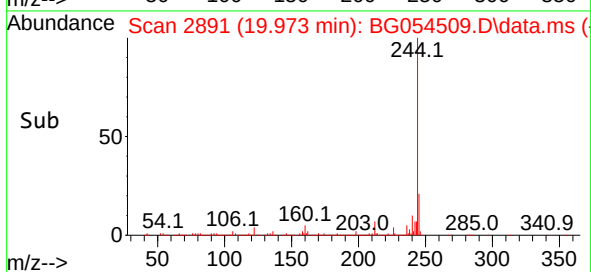
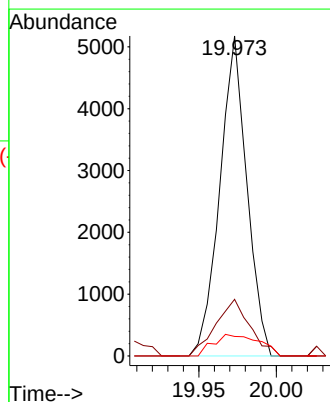
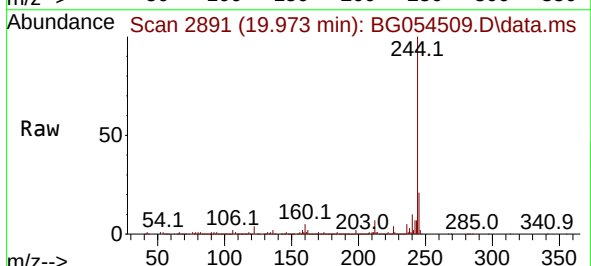
Tgt Ion:184 Resp: 6277

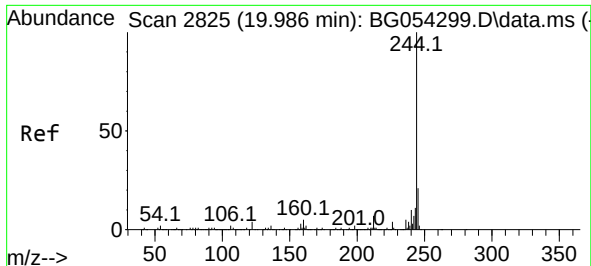
Ion Ratio Lower Upper

184 100

185 17.7 11.8 17.6#

183 6.1 8.9 13.3#

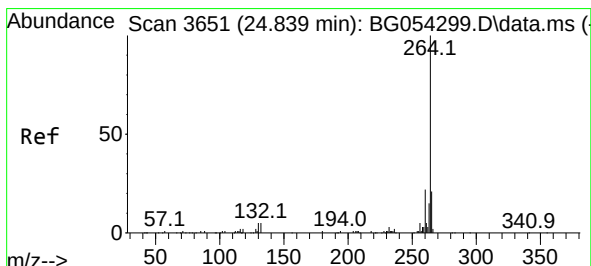
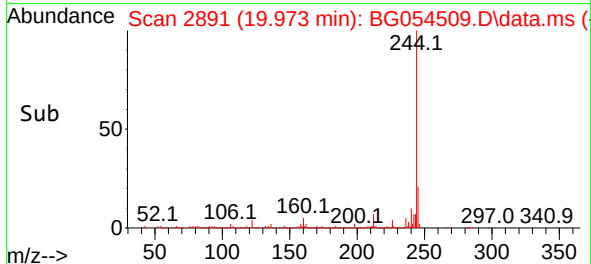
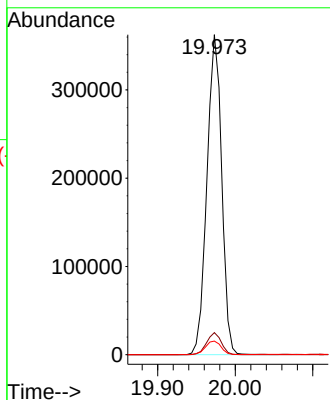
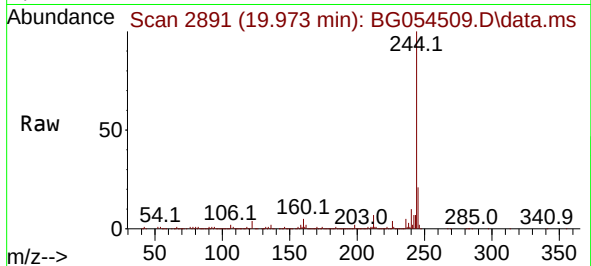




#79
 Terphenyl-d14
 Concen: 63.600 ng
 RT: 19.973 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG054509.D
 Acq: 3 Aug 2022 21:39

Instrument :
 BNA_G
 ClientSampleId :
 RVE-94

Tgt Ion:244 Resp: 479472
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.5 9.7
 122 4.3 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.838 min Scan# 3719
 Delta R.T. 0.005 min
 Lab File: BG054509.D
 Acq: 3 Aug 2022 21:39

Tgt Ion:264 Resp: 159241
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 22.1 17.4 26.2

