

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080322\
 Data File : BG054498.D
 Acq On : 3 Aug 2022 13:56
 Operator : CG/JU
 Sample : N3927-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-87

Quant Time: Aug 04 00:43:32 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)

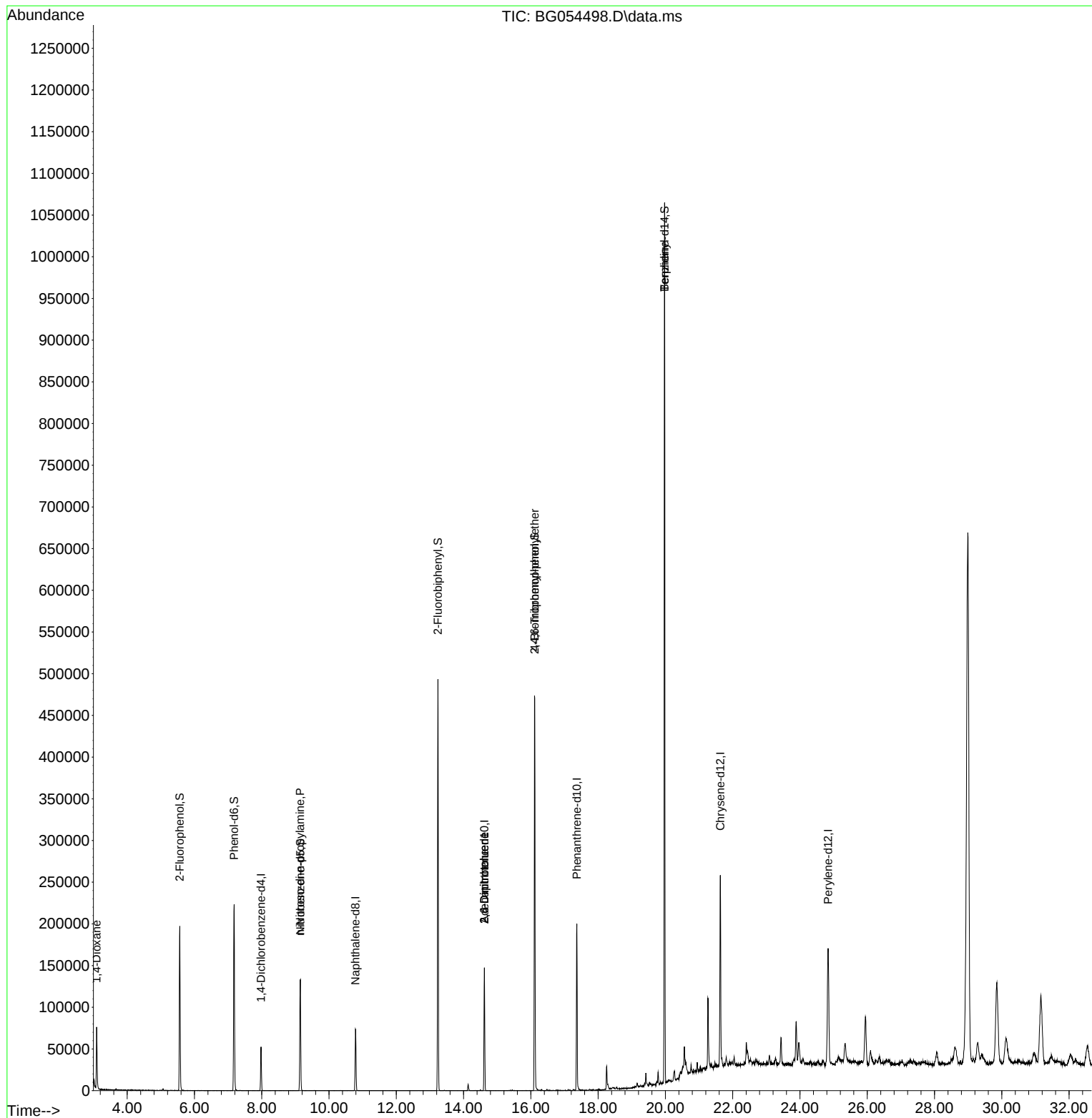
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.979	152	16440	20.000	ng	0.00
21) Naphthalene-d8	10.787	136	69092	20.000	ng	# 0.00
39) Acenaphthene-d10	14.618	164	57370	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	145519	20.000	ng	# 0.00
76) Chrysene-d12	21.633	240	157220	20.000	ng	# 0.00
86) Perylene-d12	24.835	264	164989	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.564	112	89399	113.537	ng	0.00
7) Phenol-d6	7.180	99	129933	120.427	ng	0.00
23) Nitrobenzene-d5	9.148	82	85432	67.336	ng	0.00
42) 2,4,6-Tribromophenol	16.116	330	132448	109.956	ng	0.00
45) 2-Fluorobiphenyl	13.237	172	284045	69.845	ng	0.00
79) Terphenyl-d14	19.976	244	611871	77.206	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.090	88	693	2.212	ng	# 1
9) Benzaldehyde	7.174	77	121	Below Cal		# 10
19) n-Nitroso-di-n-propyla...	9.142	70	12071	16.754	ng	# 78
51) 2,6-Dinitrotoluene	14.618	165	7864	8.001	ng	# 16
57) 2,4-Dinitrotoluene	14.618	165	7864	5.581	ng	# 21
67) 4-Bromophenyl-phenylether	16.110	248	8067	3.947	ng	# 1
77) Benizidine	19.976	184	7994	2.807	ng	# 93

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

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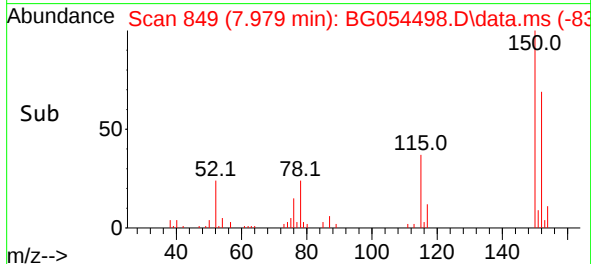
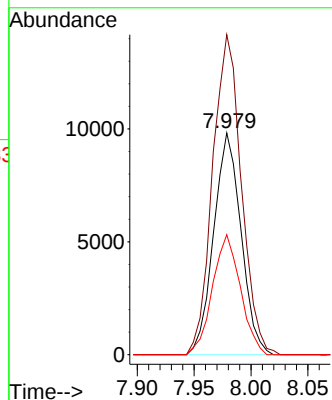
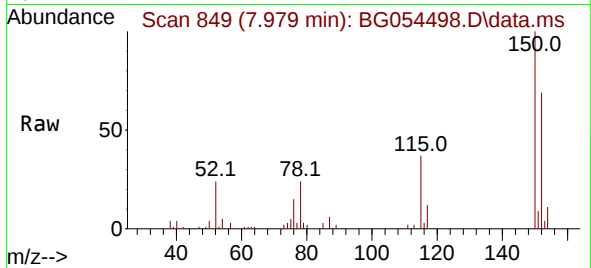




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.979 min Scan# 84
Delta R.T. -0.009 min
Lab File: BG054498.D
Acq: 3 Aug 2022 13:56

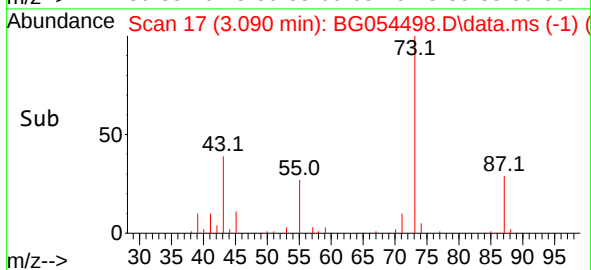
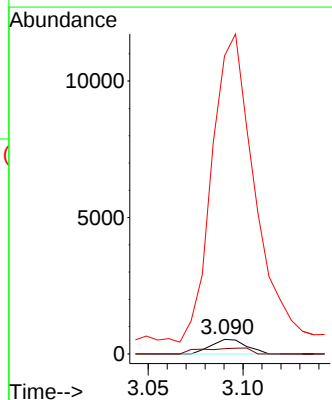
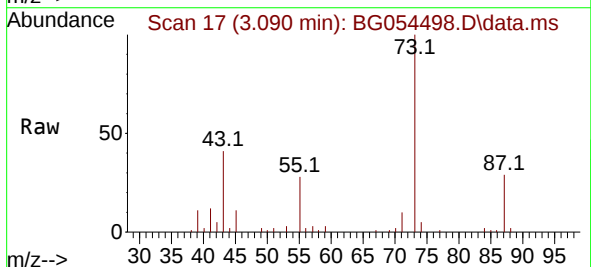
Instrument :
BNA_G
ClientSampleId :
RVE-87

Tgt Ion:152 Resp: 16440
Ion Ratio Lower Upper
152 100
150 144.3 131.6 197.4
115 54.1 50.9 76.3



#2
1,4-Dioxane
Concen: 2.212 ng
RT: 3.090 min Scan# 17
Delta R.T. -0.327 min
Lab File: BG054498.D
Acq: 3 Aug 2022 13:56

Tgt Ion: 88 Resp: 693
Ion Ratio Lower Upper
88 100
58 57.1 59.2 88.8#
43 2769.6 24.3 36.5#

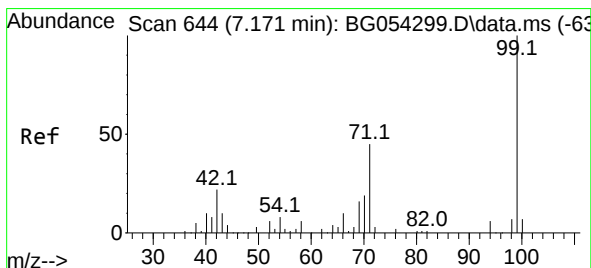
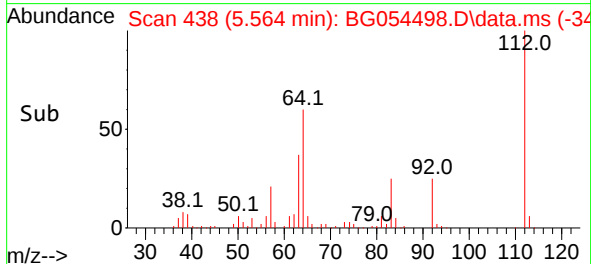
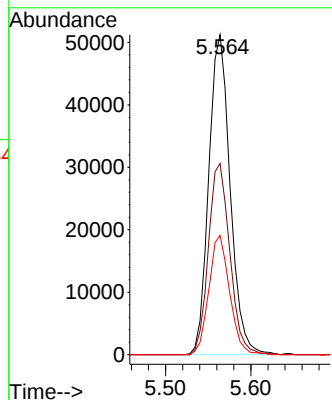
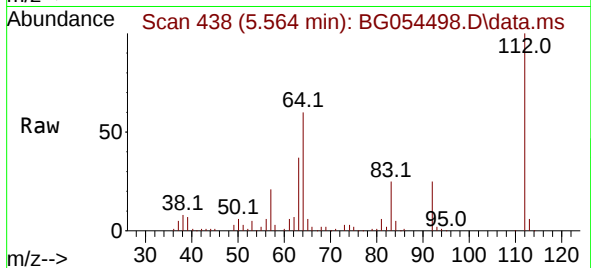




#5
2-Fluorophenol
Concen: 113.537 ng
RT: 5.564 min Scan# 41
Delta R.T. 0.002 min
Lab File: BG054498.D
Acq: 3 Aug 2022 13:56

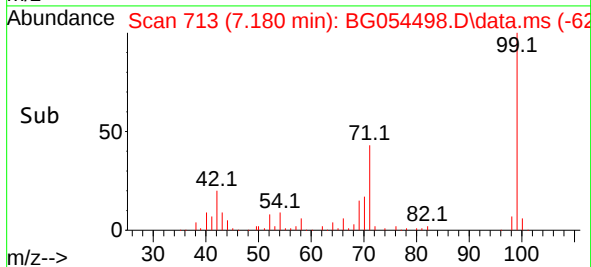
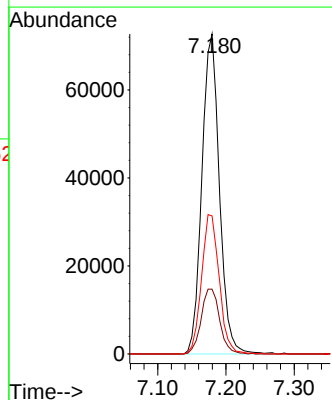
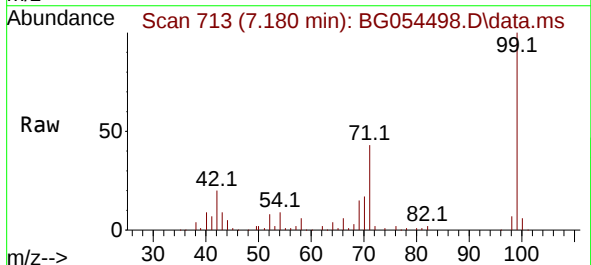
Instrument :
BNA_G
ClientSampleId :
RVE-87

Tgt Ion:112 Resp: 89399
Ion Ratio Lower Upper
112 100
64 59.7 55.1 82.7
63 37.3 30.4 45.6



#7
Phenol-d6
Concen: 120.427 ng
RT: 7.180 min Scan# 713
Delta R.T. 0.008 min
Lab File: BG054498.D
Acq: 3 Aug 2022 13:56

Tgt Ion: 99 Resp: 129933
Ion Ratio Lower Upper
99 100
42 20.2 17.0 25.6
71 43.1 33.8 50.8

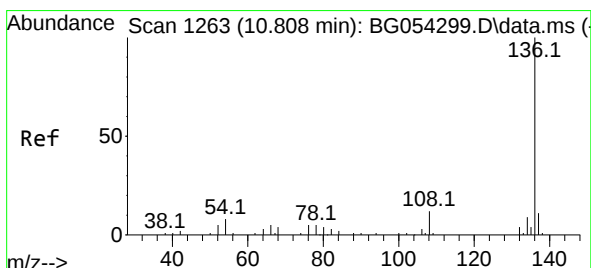
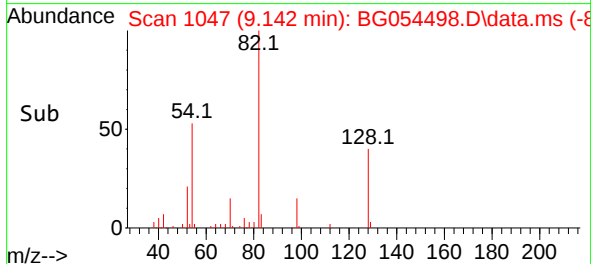
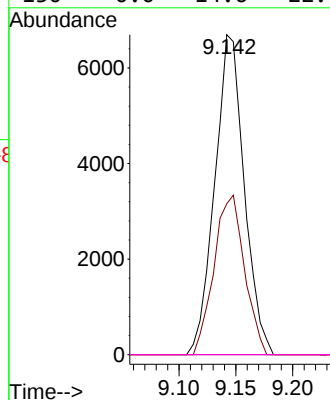
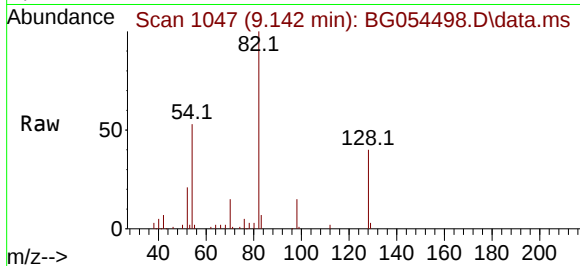




#19
n-Nitroso-di-n-propylamine
Concen: 16.754 ng
RT: 9.142 min Scan# 1047
Delta R.T. 0.349 min
Lab File: BG054498.D
Acq: 3 Aug 2022 13:56

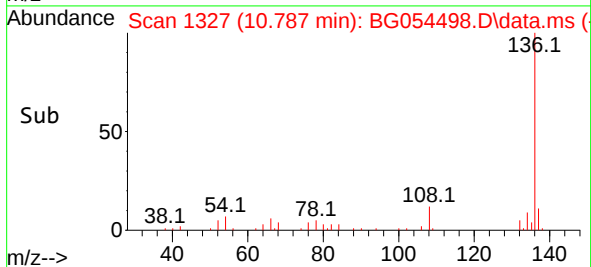
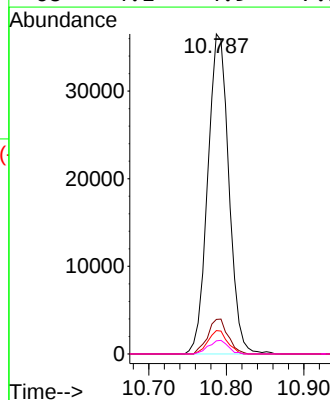
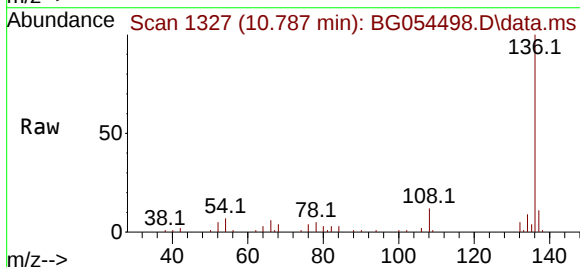
Instrument :
BNA_G
ClientSampleId :
RVE-87

Tgt Ion: 70 Resp: 12071
Ion Ratio Lower Upper
70 100
42 47.1 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: 10.787 min Scan# 1327
Delta R.T. -0.010 min
Lab File: BG054498.D
Acq: 3 Aug 2022 13:56

Tgt Ion: 136 Resp: 69092
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 7.3 7.4 11.2#
68 4.1 4.9 7.3#

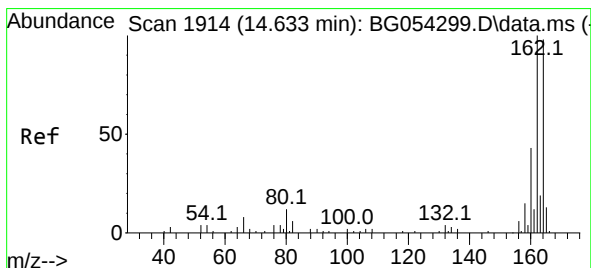
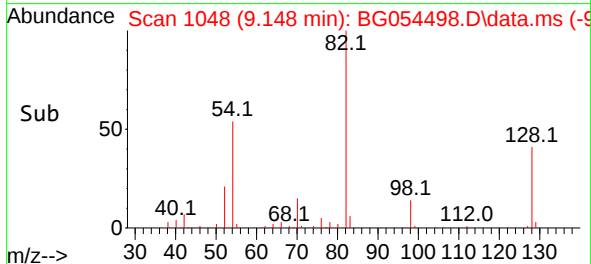
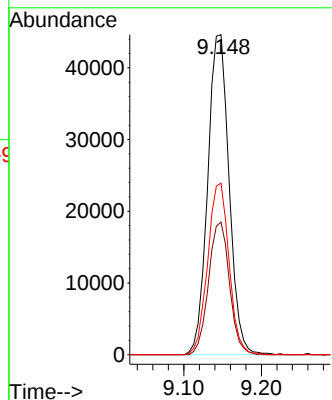
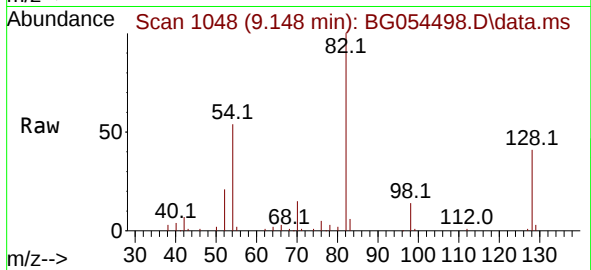




#23
 Nitrobenzene-d5
 Concen: 67.336 ng
 RT: 9.148 min Scan# 1
 Delta R.T. -0.004 min
 Lab File: BG054498.D
 Acq: 3 Aug 2022 13:56

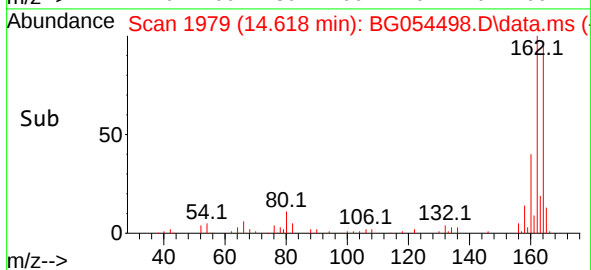
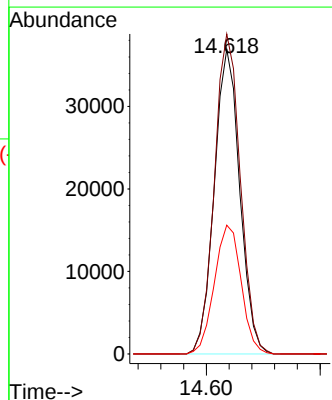
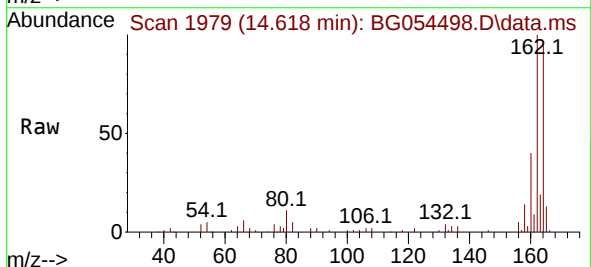
Instrument :
 BNA_G
 ClientSampleId :
 RVE-87

Tgt Ion: 82 Resp: 85432
 Ion Ratio Lower Upper
 82 100
 128 41.5 27.9 41.9
 54 53.6 41.2 61.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.618 min Scan# 1979
 Delta R.T. -0.004 min
 Lab File: BG054498.D
 Acq: 3 Aug 2022 13:56

Tgt Ion:164 Resp: 57370
 Ion Ratio Lower Upper
 164 100
 162 105.0 82.3 123.5
 160 42.3 34.2 51.2

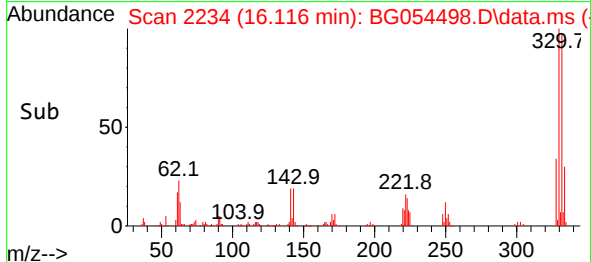
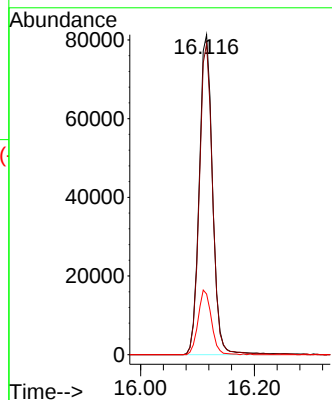
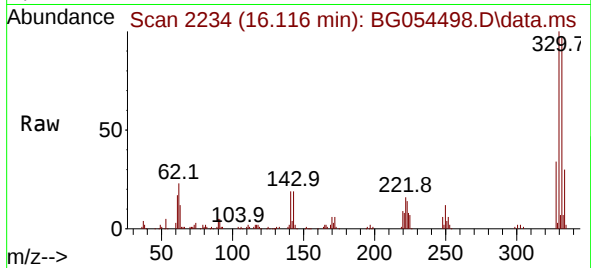




#42
2,4,6-Tribromophenol
Concen: 109.956 ng
RT: 16.116 min Scan# 2168
Delta R.T. 0.002 min
Lab File: BG054498.D
Acq: 3 Aug 2022 13:56

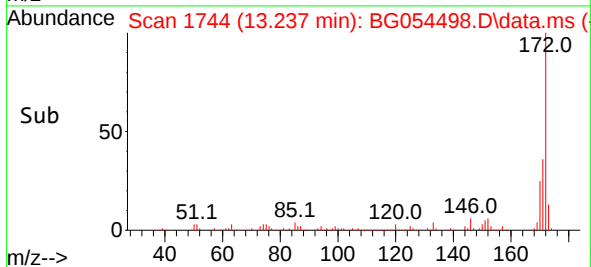
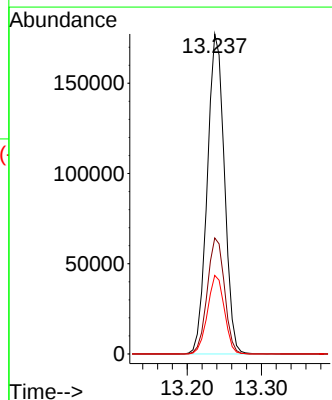
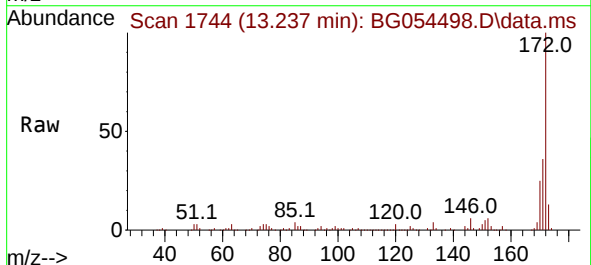
Instrument :
BNA_G
ClientSampleId :
RVE-87

Tgt Ion:330 Resp: 132448
Ion Ratio Lower Upper
330 100
332 96.3 76.0 114.0
141 20.2 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 69.845 ng
RT: 13.237 min Scan# 1744
Delta R.T. -0.010 min
Lab File: BG054498.D
Acq: 3 Aug 2022 13:56

Tgt Ion:172 Resp: 284045
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 24.6 18.9 28.3

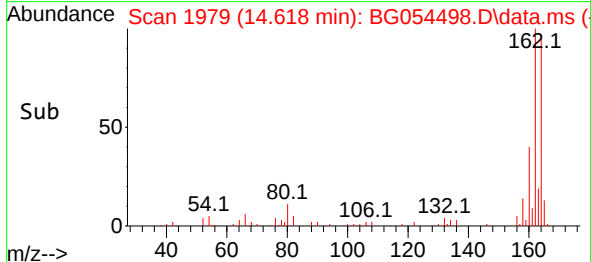
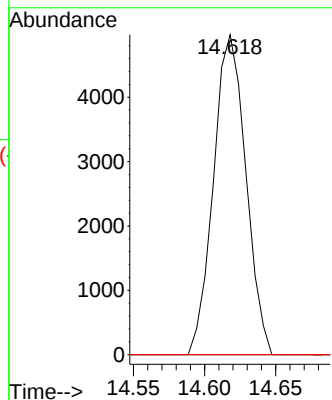
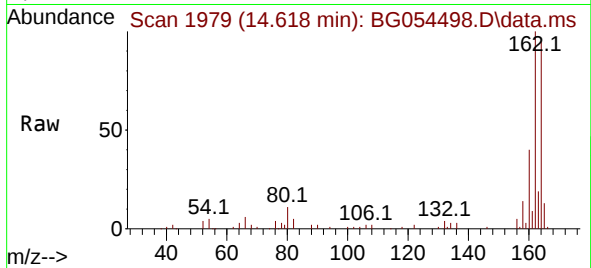




#51
2,6-Dinitrotoluene
Concen: 8.001 ng
RT: 14.618 min Scan# 1979
Delta R.T. 0.419 min
Lab File: BG054498.D
Acq: 3 Aug 2022 13:56

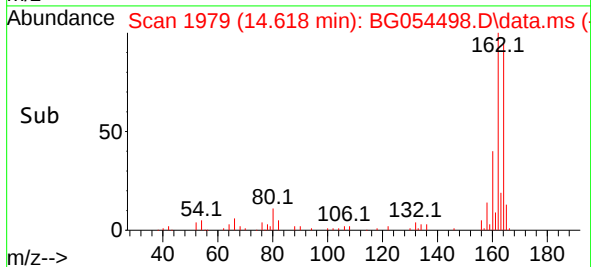
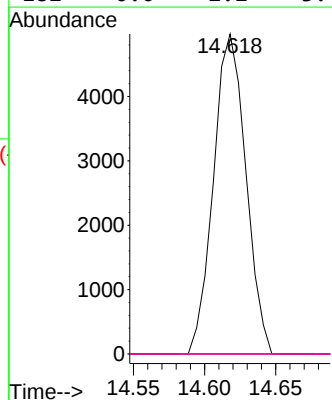
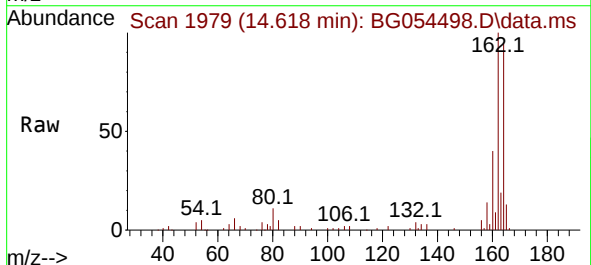
Instrument :
BNA_G
ClientSampleId :
RVE-87

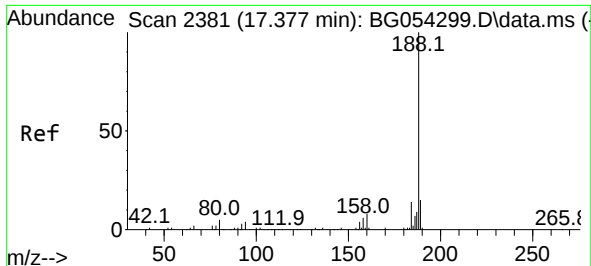
Tgt Ion:165 Resp: 7864
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.581 ng
RT: 14.618 min Scan# 1979
Delta R.T. -0.374 min
Lab File: BG054498.D
Acq: 3 Aug 2022 13:56

Tgt Ion:165 Resp: 7864
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#

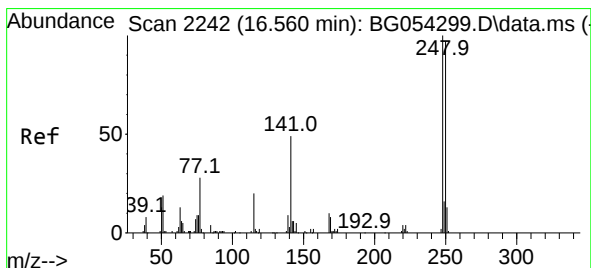
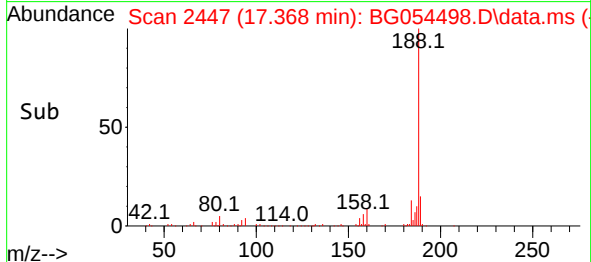
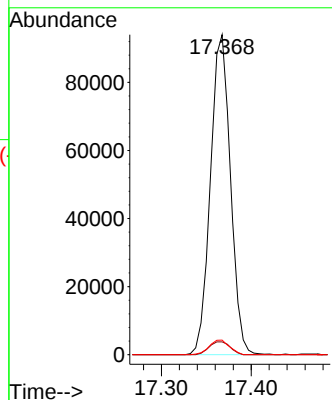
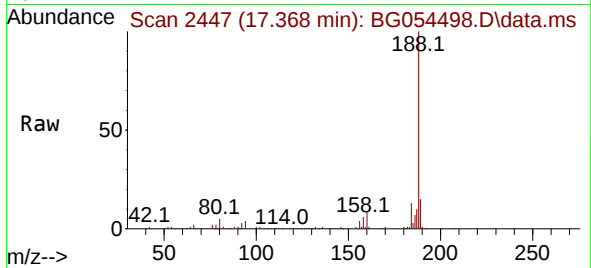




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.368 min Scan# 2447
Delta R.T. -0.004 min
Lab File: BG054498.D
Acq: 3 Aug 2022 13:56

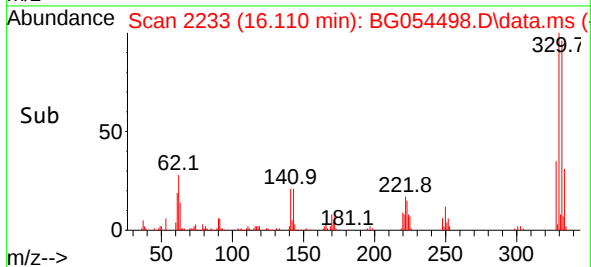
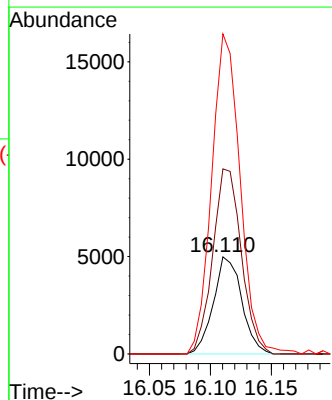
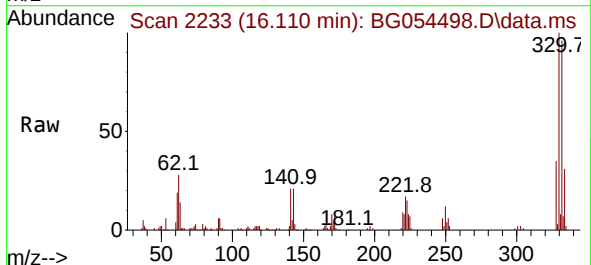
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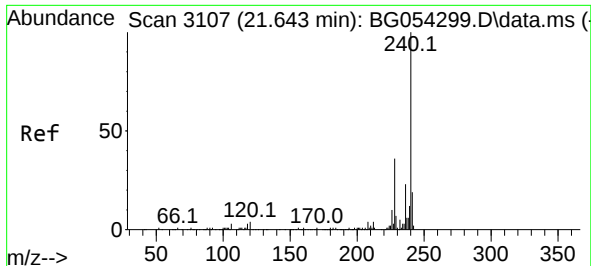
Tgt Ion:188 Resp: 145519
Ion Ratio Lower Upper
188 100
94 4.0 5.4 8.0#
80 4.5 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 3.947 ng
RT: 16.110 min Scan# 2233
Delta R.T. -0.445 min
Lab File: BG054498.D
Acq: 3 Aug 2022 13:56

Tgt Ion:248 Resp: 8067
Ion Ratio Lower Upper
248 100
250 190.5 75.2 112.8#
141 329.2 50.0 75.0#

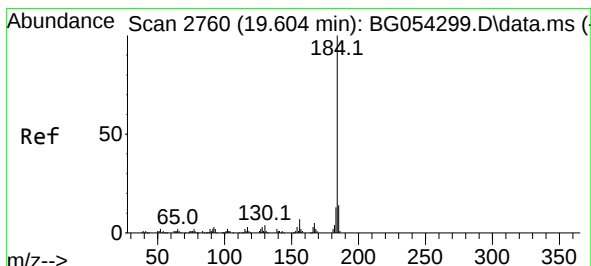
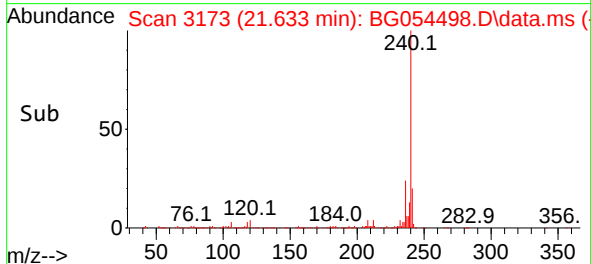
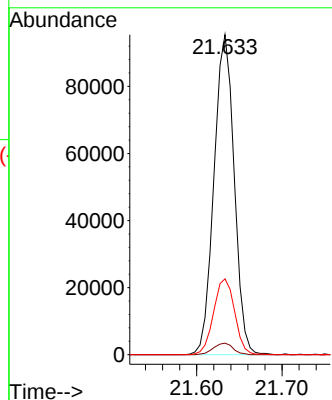
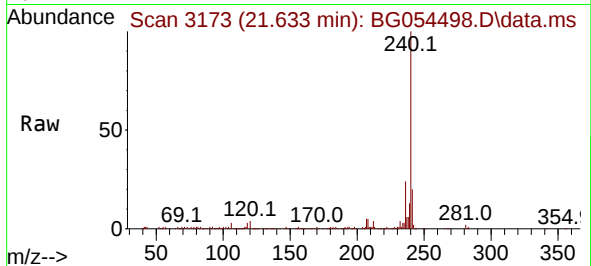




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BG054498.D
Acq: 3 Aug 2022 13:56

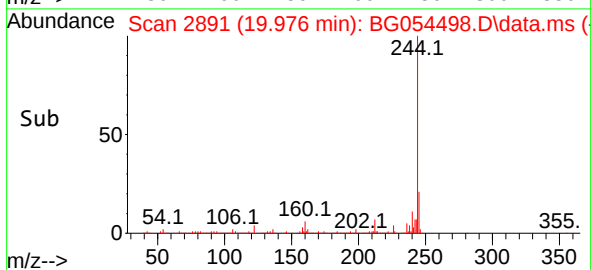
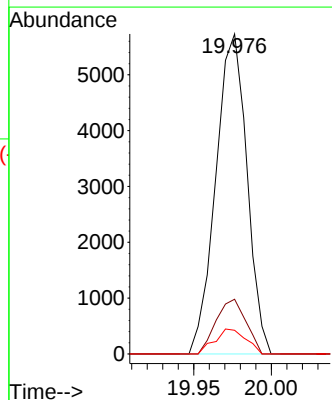
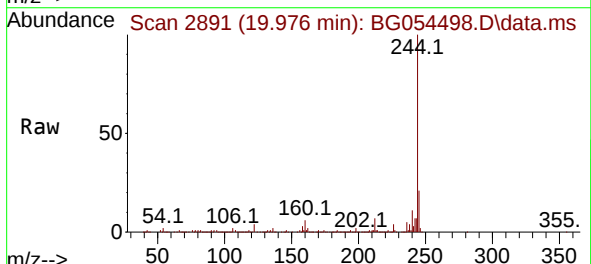
Instrument :
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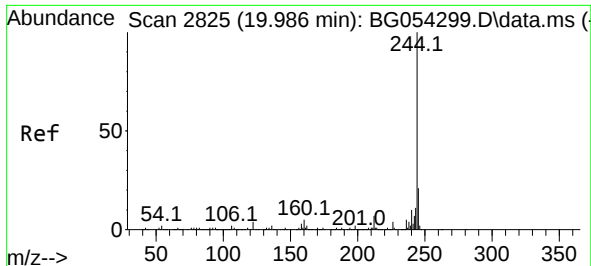
Tgt Ion:240 Resp: 157220
Ion Ratio Lower Upper
240 100
120 3.6 4.6 7.0#
236 23.7 20.2 30.4



#77
Benzidine
Concen: 2.807 ng
RT: 19.976 min Scan# 2891
Delta R.T. 0.378 min
Lab File: BG054498.D
Acq: 3 Aug 2022 13:56

Tgt Ion:184 Resp: 7994
Ion Ratio Lower Upper
184 100
185 17.1 11.8 17.6
183 7.4 8.9 13.3#

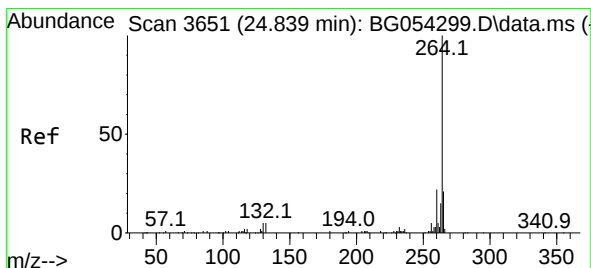
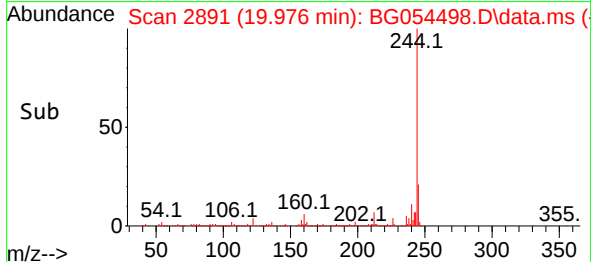
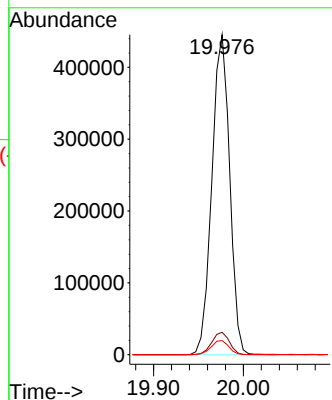
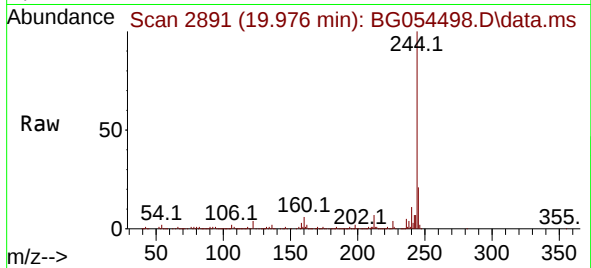




#79
 Terphenyl-d14
 Concen: 77.206 ng
 RT: 19.976 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG054498.D
 Acq: 3 Aug 2022 13:56

Instrument :
 BNA_G
 ClientSampleId :
 RVE-87

Tgt Ion:244 Resp: 611871
 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: 24.835 min Scan# 3718
 Delta R.T. 0.002 min
 Lab File: BG054498.D
 Acq: 3 Aug 2022 13:56

Tgt Ion:264 Resp: 164989
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 21.6 17.4 26.2

