

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
 Data File : BG054119.D
 Acq On : 28 Jun 2022 15:21
 Operator : CG/JU
 Sample : N3494-12RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-EXC-1-5

Quant Time: Jun 29 01:58:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

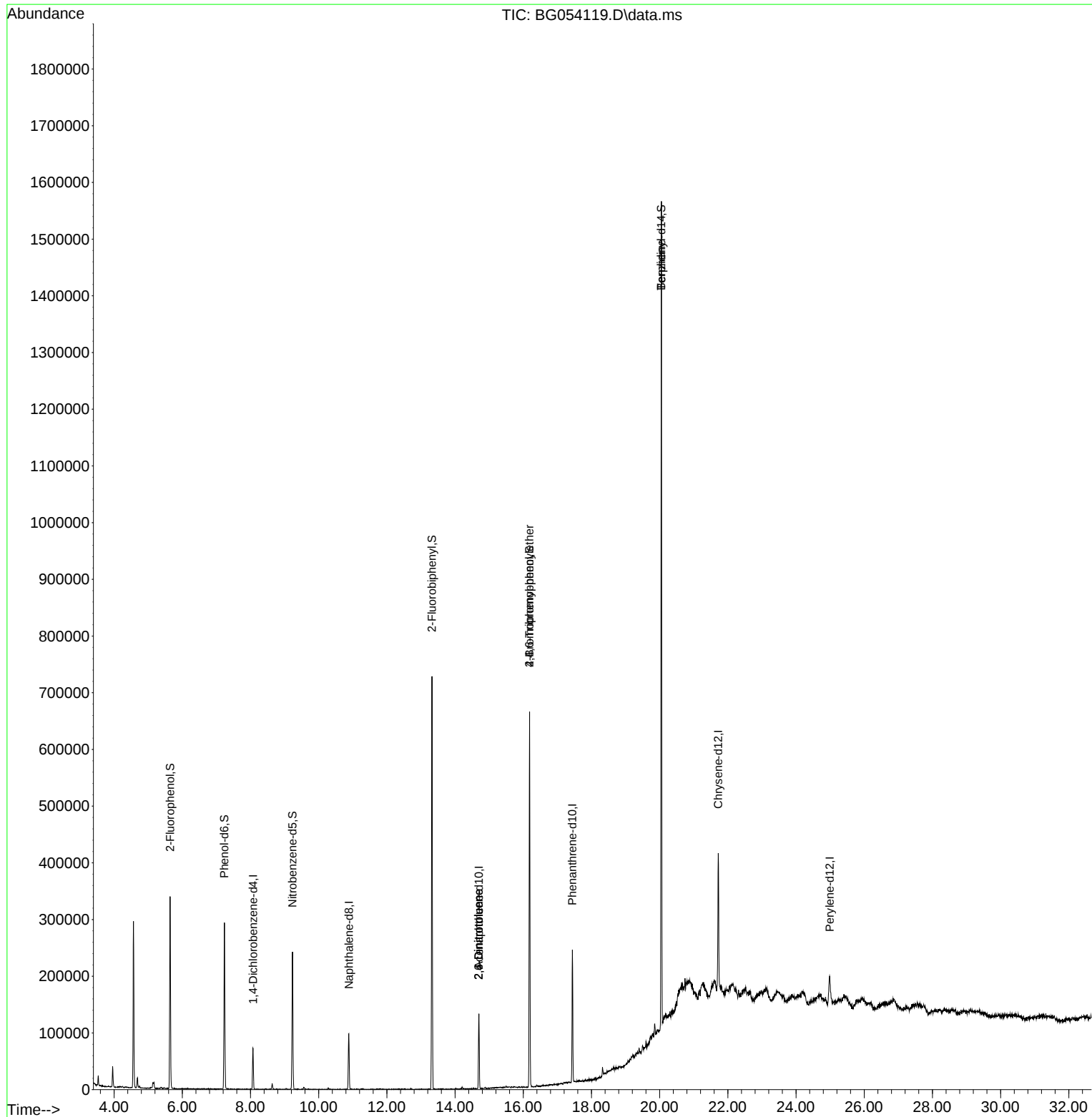
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.077	152	22500	20.000	ng	0.00
21) Naphthalene-d8	10.885	136	90639	20.000	ng	# 0.00
39) Acenaphthene-d10	14.698	164	44316	20.000	ng	0.00
64) Phenanthrene-d10	17.442	188	156505	20.000	ng	0.00
76) Chrysene-d12	21.719	240	148508	20.000	ng	0.00
86) Perylene-d12	24.986	264	43771	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.644	112	155995	132.555	ng	0.00
7) Phenol-d6	7.236	99	160043	100.249	ng	0.00
23) Nitrobenzene-d5	9.234	82	149155	92.476	ng	0.00
42) 2,4,6-Tribromophenol	16.185	330	152178	213.729	ng	0.00
45) 2-Fluorobiphenyl	13.323	172	417710	137.062	ng	0.00
79) Terphenyl-d14	20.051	244	786107	106.613	ng	0.00
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	14.692	165	5678	8.327	ng	# 16
57) 2,4-Dinitrotoluene	14.692	165	5678	5.896	ng	# 21
67) 4-Bromophenyl-phenylether	16.185	248	9814	5.021	ng	# 1
77) Benzidine	20.051	184	12103	3.935	ng	# 95

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

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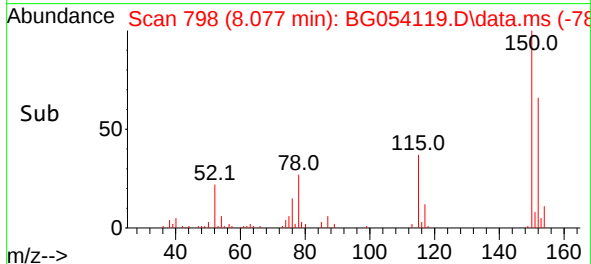
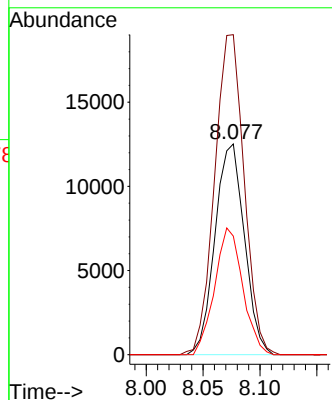
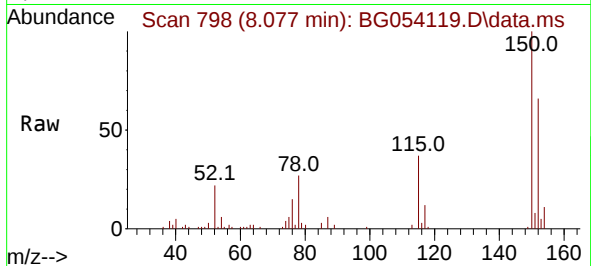




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.077 min Scan# 79
Delta R.T. 0.007 min
Lab File: BG054119.D
Acq: 28 Jun 2022 15:21

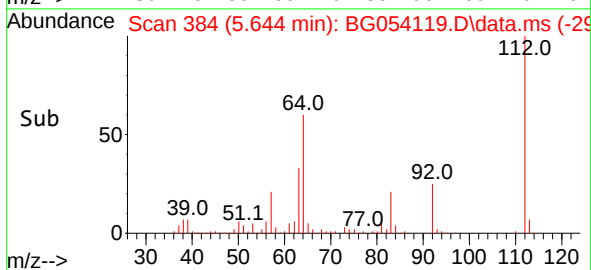
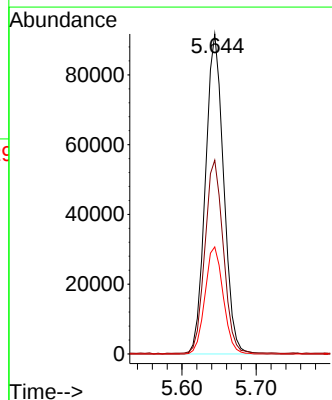
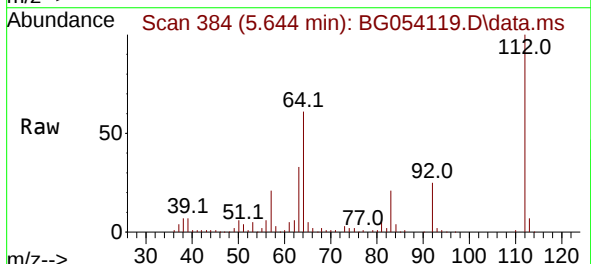
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-5

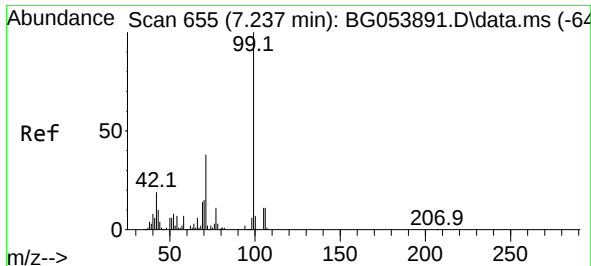
Tgt Ion:152 Resp: 22500
Ion Ratio Lower Upper
152 100
150 151.9 131.6 197.4
115 56.3 50.9 76.3



#5
2-Fluorophenol
Concen: 132.555 ng
RT: 5.644 min Scan# 384
Delta R.T. 0.006 min
Lab File: BG054119.D
Acq: 28 Jun 2022 15:21

Tgt Ion:112 Resp: 155995
Ion Ratio Lower Upper
112 100
64 60.6 55.1 82.7
63 33.4 30.4 45.6

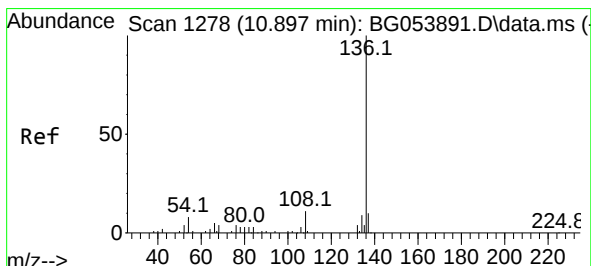
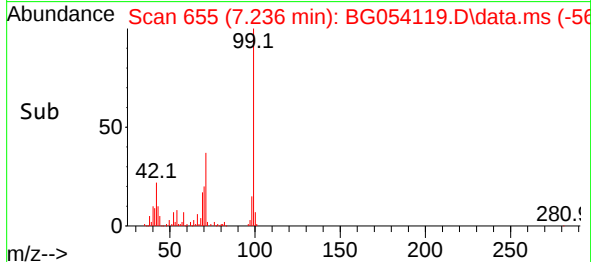
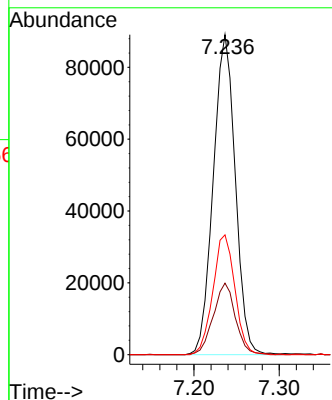
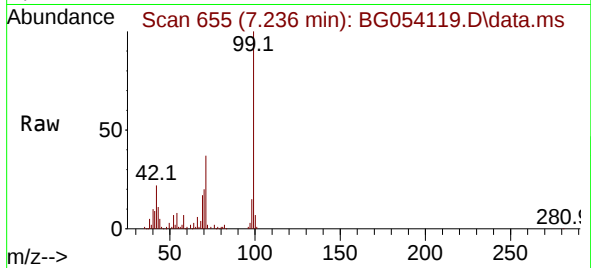




#7
Phenol-d6
Concen: 100.249 ng
RT: 7.236 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG054119.D
Acq: 28 Jun 2022 15:21

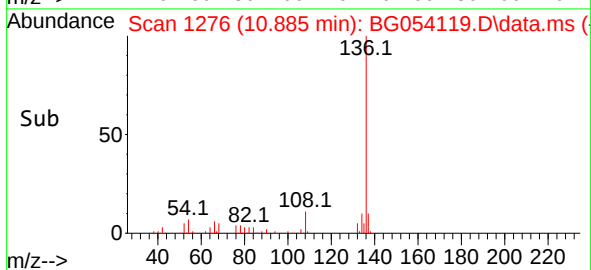
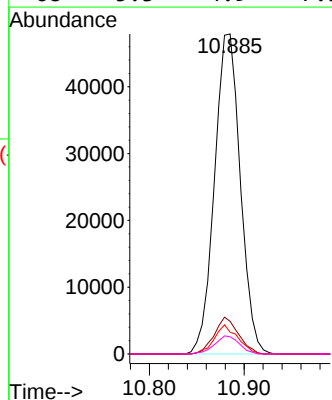
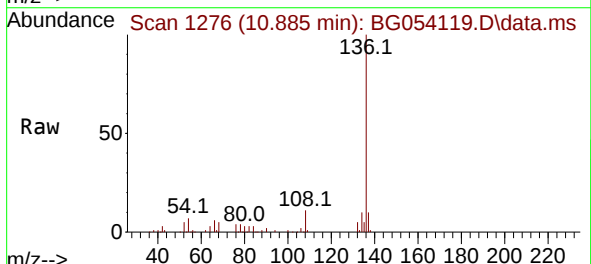
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-5

Tgt Ion: 99 Resp: 160043
Ion Ratio Lower Upper
99 100
42 22.3 17.0 25.6
71 37.4 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.885 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BG054119.D
Acq: 28 Jun 2022 15:21

Tgt Ion: 136 Resp: 90639
Ion Ratio Lower Upper
136 100
137 10.2 8.5 12.7
54 6.8 7.4 11.2#
68 5.3 4.9 7.3

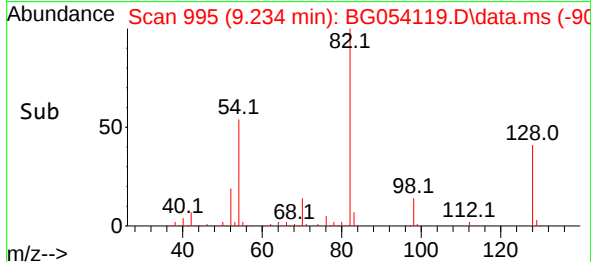
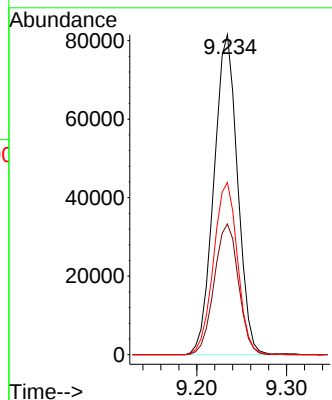
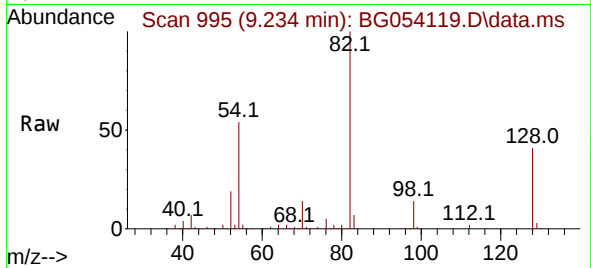




#23
 Nitrobenzene-d5
 Concen: 92.476 ng
 RT: 9.234 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: BG054119.D
 Acq: 28 Jun 2022 15:21

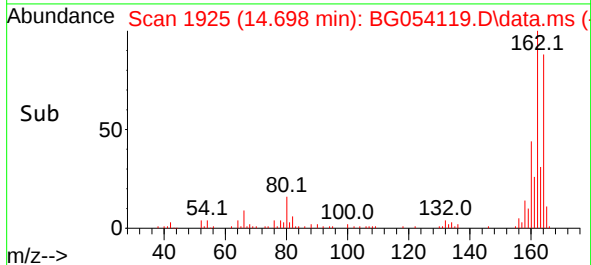
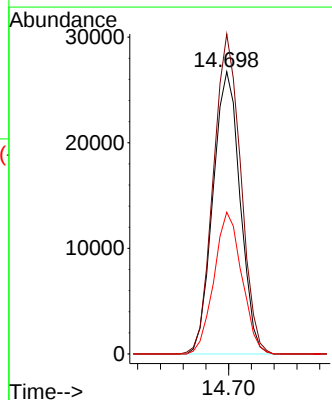
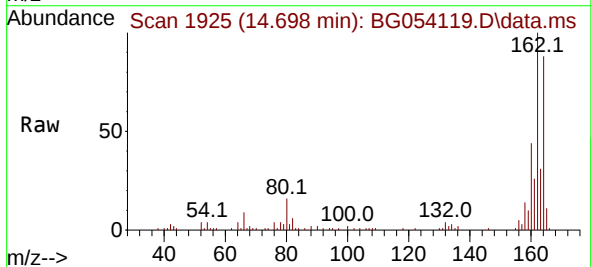
Instrument :
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 ClientSampleId :
 SP-EXC-1-5

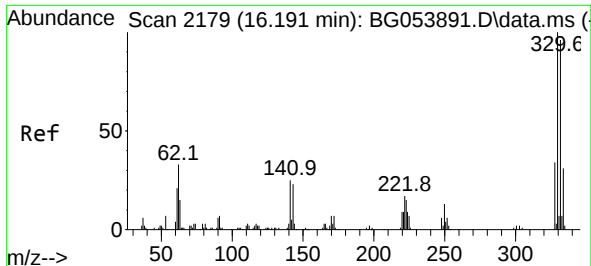
Tgt Ion: 82 Resp: 149155
 Ion Ratio Lower Upper
 82 100
 128 40.9 27.9 41.9
 54 53.8 41.2 61.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.698 min Scan# 1925
 Delta R.T. 0.000 min
 Lab File: BG054119.D
 Acq: 28 Jun 2022 15:21

Tgt Ion: 164 Resp: 44316
 Ion Ratio Lower Upper
 164 100
 162 113.4 82.3 123.5
 160 50.3 34.2 51.2

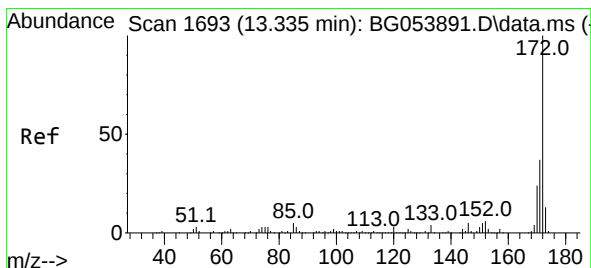
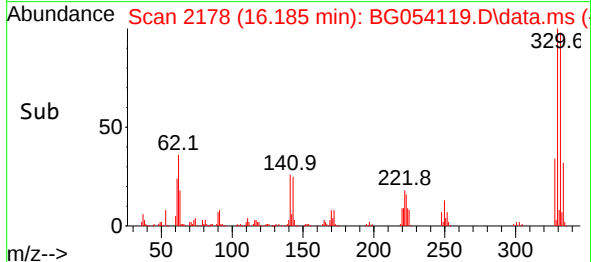
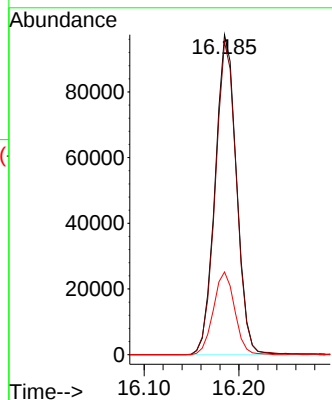
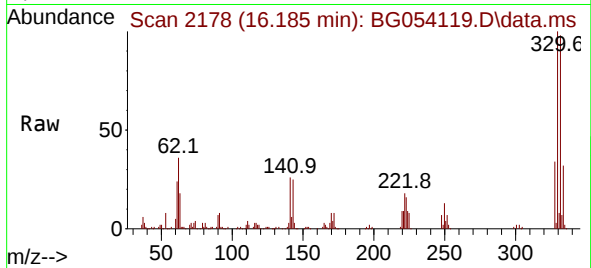




#42
2,4,6-Tribromophenol
Concen: 213.729 ng
RT: 16.185 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BG054119.D
Acq: 28 Jun 2022 15:21

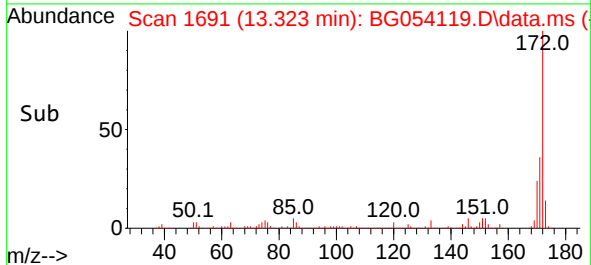
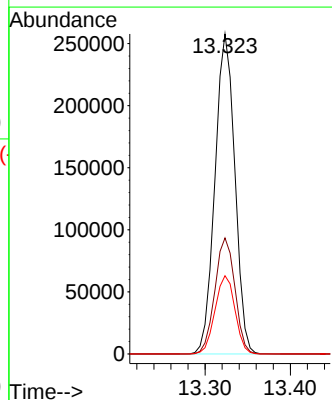
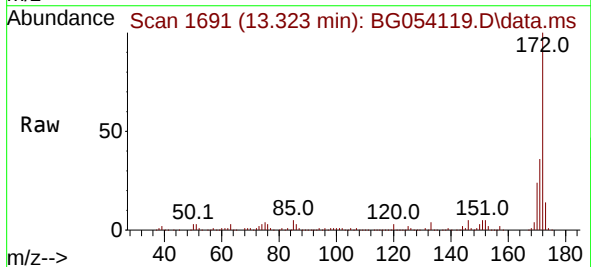
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-5

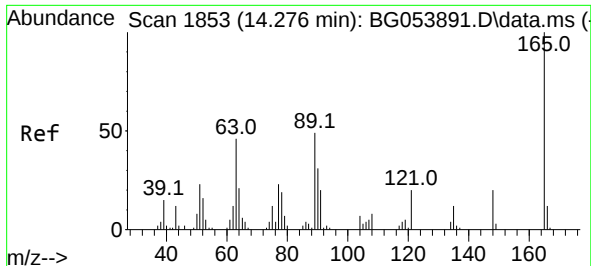
Tgt Ion:330 Resp: 152178
Ion Ratio Lower Upper
330 100
332 97.5 76.0 114.0
141 25.7 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 137.062 ng
RT: 13.323 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BG054119.D
Acq: 28 Jun 2022 15:21

Tgt Ion:172 Resp: 417710
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 24.4 18.9 28.3

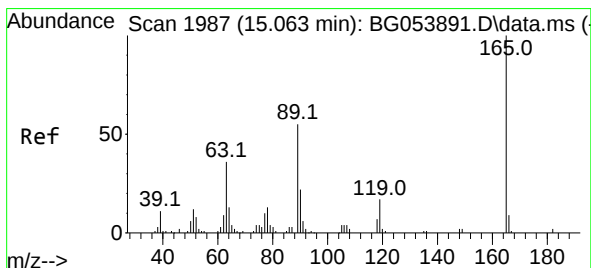
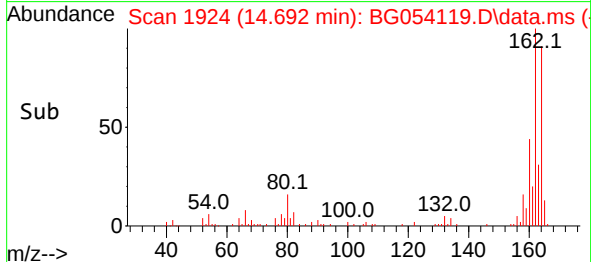
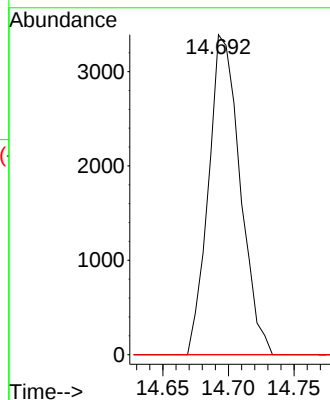
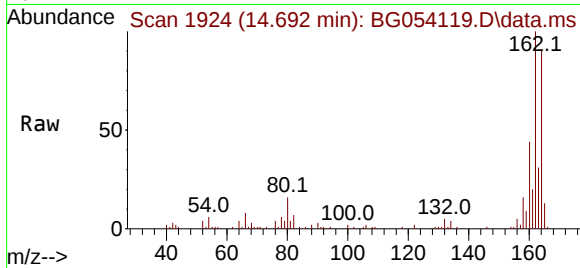




#51
2,6-Dinitrotoluene
Concen: 8.327 ng
RT: 14.692 min Scan# 1924
Delta R.T. 0.429 min
Lab File: BG054119.D
Acq: 28 Jun 2022 15:21

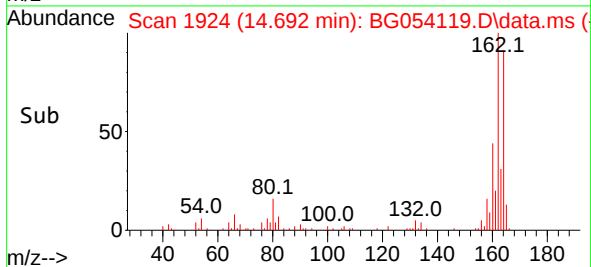
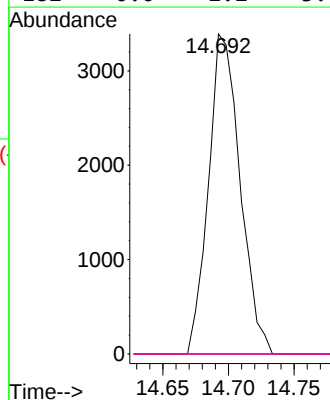
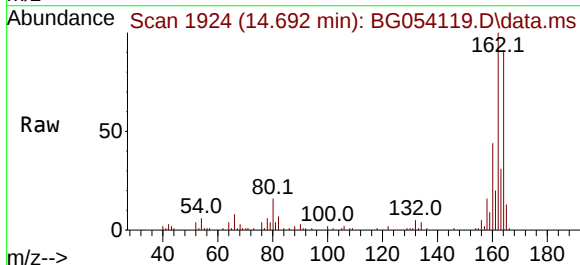
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BNA_G
ClientSampleId :
SP-EXC-1-5

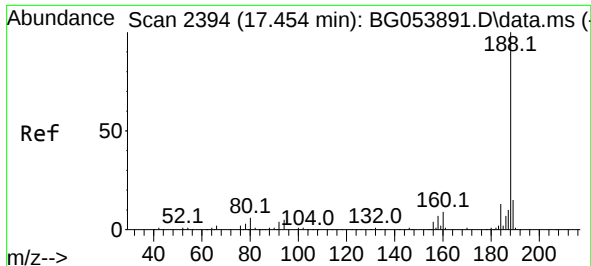
Tgt Ion:165 Resp: 5678
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.896 ng
RT: 14.692 min Scan# 1924
Delta R.T. -0.358 min
Lab File: BG054119.D
Acq: 28 Jun 2022 15:21

Tgt Ion:165 Resp: 5678
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#

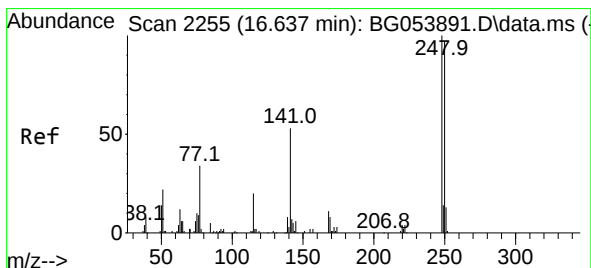
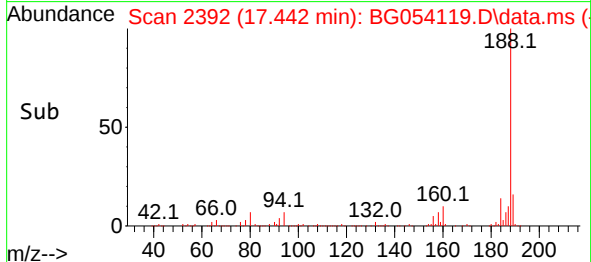
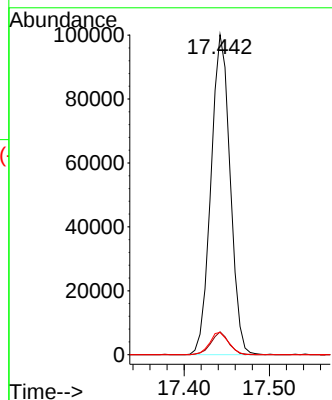
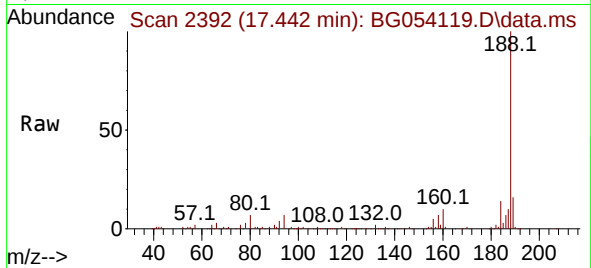




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.442 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG054119.D
Acq: 28 Jun 2022 15:21

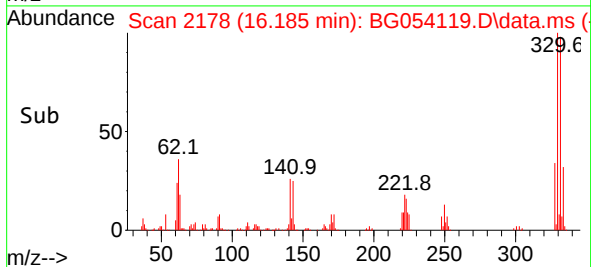
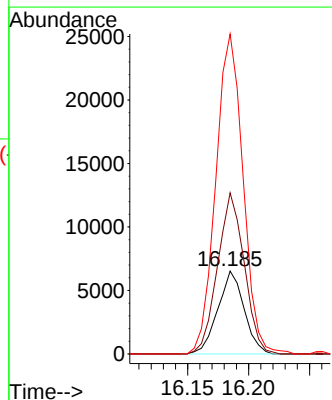
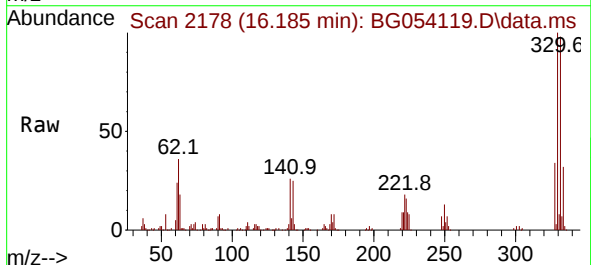
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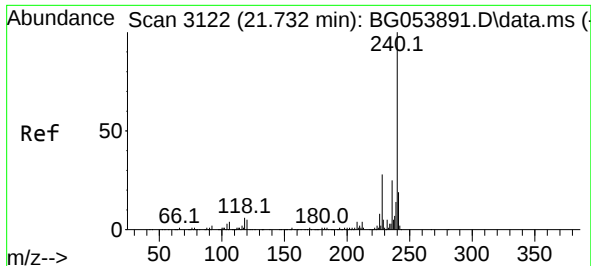
Tgt Ion:188 Resp: 156505
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.0
80 6.9 6.8 10.2



#67
4-Bromophenyl-phenylether
Concen: 5.021 ng
RT: 16.185 min Scan# 2178
Delta R.T. -0.440 min
Lab File: BG054119.D
Acq: 28 Jun 2022 15:21

Tgt Ion:248 Resp: 9814
Ion Ratio Lower Upper
248 100
250 250.5 75.2 112.8#
141 386.3 50.0 75.0#

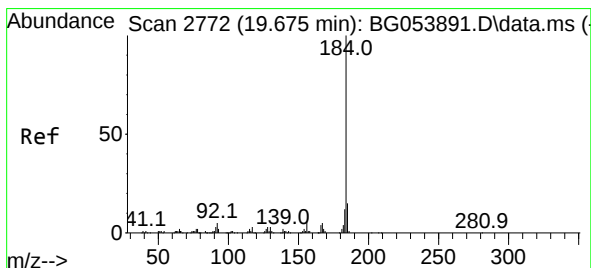
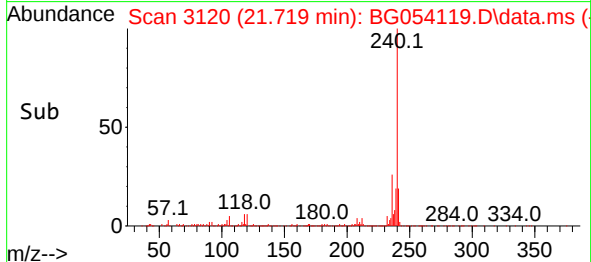
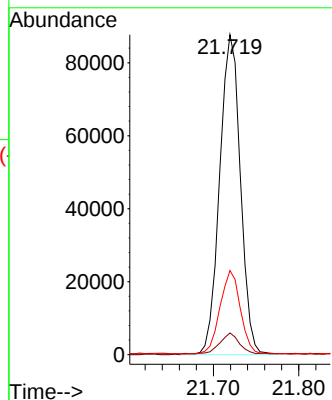
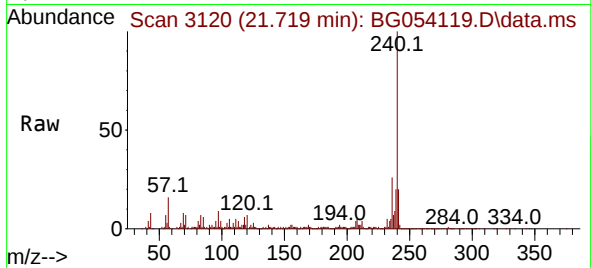




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG054119.D
Acq: 28 Jun 2022 15:21

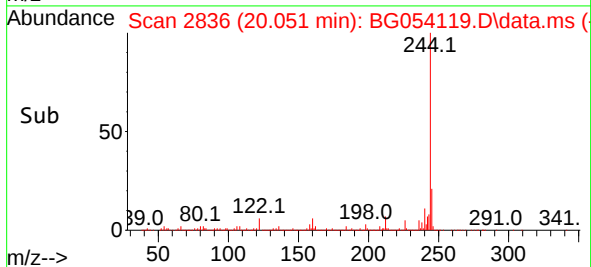
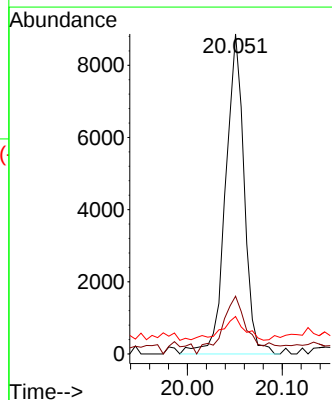
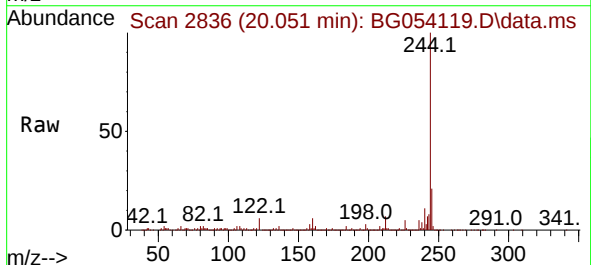
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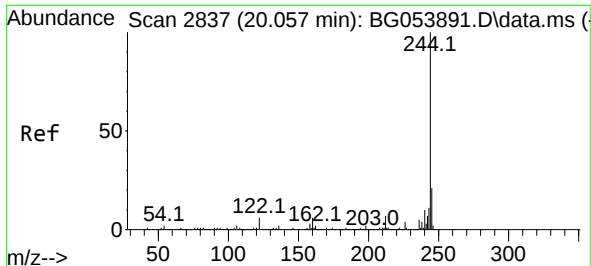
Tgt Ion:240 Resp: 148508
Ion Ratio Lower Upper
240 100
120 6.8 4.6 7.0
236 26.3 20.2 30.4



#77
Benzidine
Concen: 3.935 ng
RT: 20.051 min Scan# 2836
Delta R.T. 0.388 min
Lab File: BG054119.D
Acq: 28 Jun 2022 15:21

Tgt Ion:184 Resp: 12103
Ion Ratio Lower Upper
184 100
185 18.1 11.8 17.6#
183 11.7 8.9 13.3

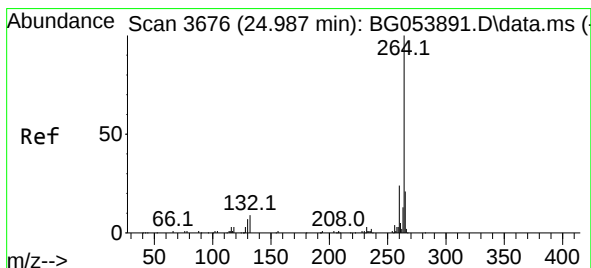
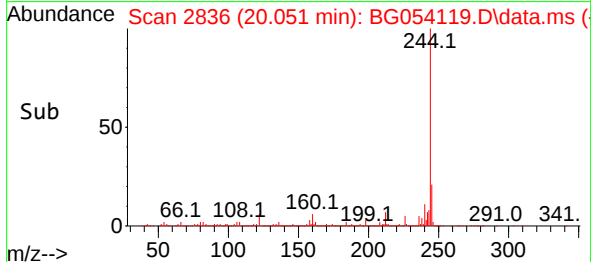
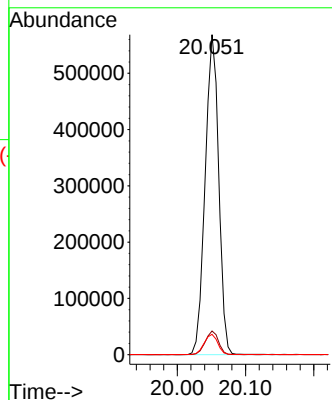
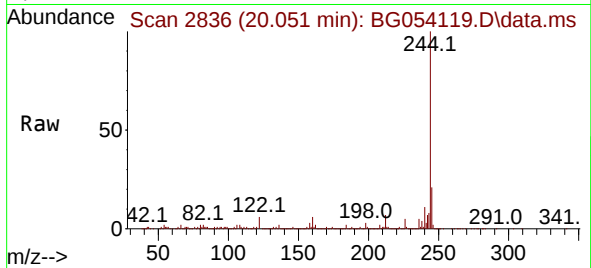




#79
 Terphenyl-d14
 Concen: 106.613 ng
 RT: 20.051 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG054119.D
 Acq: 28 Jun 2022 15:21

Instrument :
 BNA_G
 ClientSampleId :
 SP-EXC-1-5

Tgt Ion:244 Resp: 786107
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 6.4 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.986 min Scan# 3676
 Delta R.T. 0.024 min
 Lab File: BG054119.D
 Acq: 28 Jun 2022 15:21

Tgt Ion:264 Resp: 43771
 Ion Ratio Lower Upper
 264 100
 260 29.4 19.0 28.6#
 265 20.5 17.4 26.2

