

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070622\
 Data File : BG054215.D
 Acq On : 6 Jul 2022 11:29
 Operator : CG/JU
 Sample : PB145990TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145990TB

Quant Time: Jul 06 14:17:05 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)

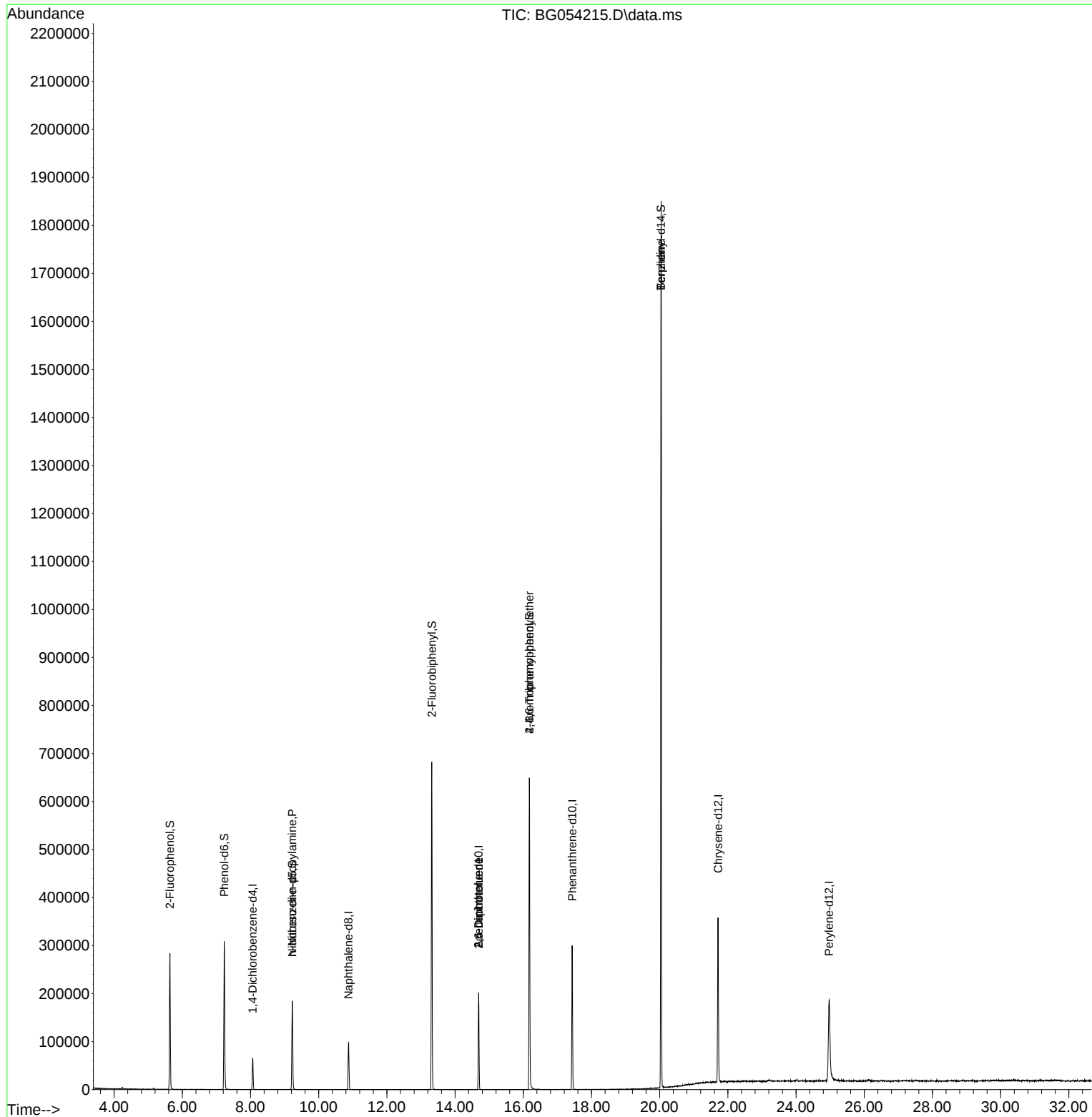
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	21106	20.000	ng	0.00
21) Naphthalene-d8	10.872	136	94001	20.000	ng	0.00
39) Acenaphthene-d10	14.691	164	78587	20.000	ng	0.00
64) Phenanthrene-d10	17.435	188	215284	20.000	ng	# 0.00
76) Chrysene-d12	21.713	240	249141	20.000	ng	0.00
86) Perylene-d12	24.968	264	249546	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.637	112	132056	119.624	ng	0.00
7) Phenol-d6	7.230	99	191078	127.594	ng	0.00
23) Nitrobenzene-d5	9.227	82	123273	73.696	ng	0.00
42) 2,4,6-Tribromophenol	16.178	330	171927	136.165	ng	0.00
45) 2-Fluorobiphenyl	13.317	172	404725	74.888	ng	0.00
79) Terphenyl-d14	20.044	244	1060869	85.762	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.227	70	15850	15.754	ng	# 80
51) 2,6-Dinitrotoluene	14.691	165	10269	8.492	ng	# 16
57) 2,4-Dinitrotoluene	14.691	165	10269	6.013	ng	# 21
67) 4-Bromophenyl-phenylether	16.178	248	10773	4.007	ng	# 1
77) Benzidine	20.044	184	14093	2.731	ng	# 94

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

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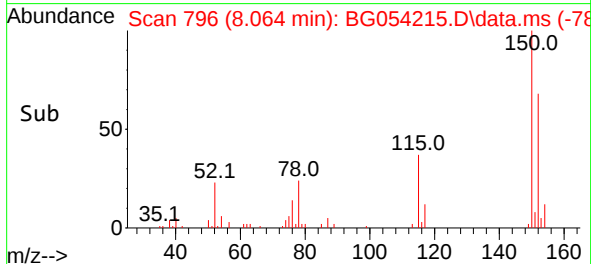
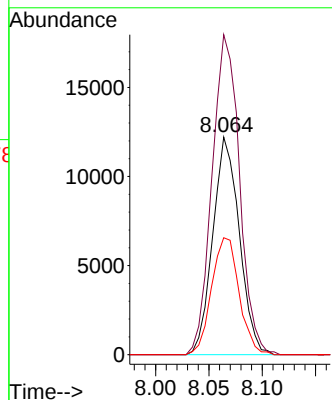
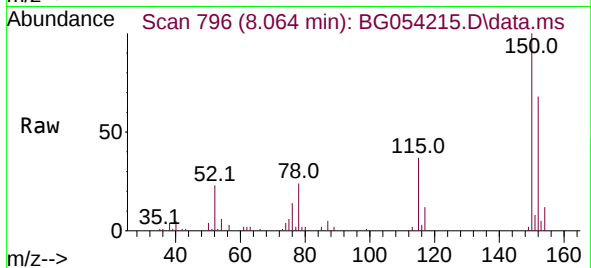




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.064 min Scan# 79
Delta R.T. -0.006 min
Lab File: BG054215.D
Acq: 6 Jul 2022 11:29

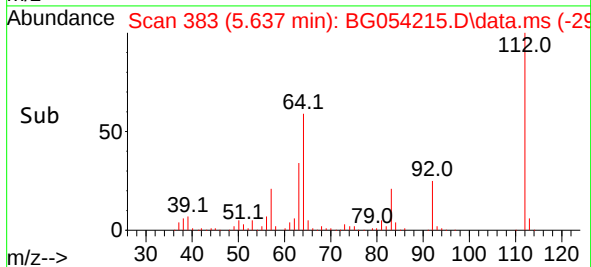
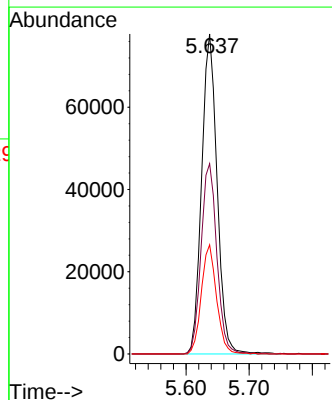
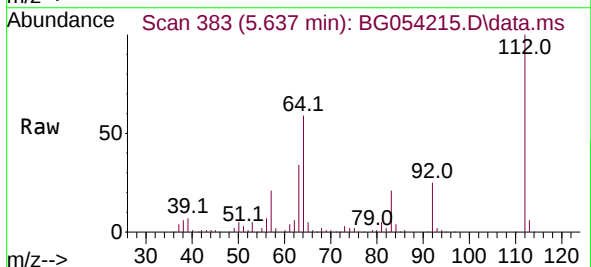
Instrument :
BNA_G
ClientSampleId :
PB145990TB

Tgt Ion:152 Resp: 21106
Ion Ratio Lower Upper
152 100
150 147.1 131.6 197.4
115 53.7 50.9 76.3



#5
2-Fluorophenol
Concen: 119.624 ng
RT: 5.637 min Scan# 383
Delta R.T. -0.001 min
Lab File: BG054215.D
Acq: 6 Jul 2022 11:29

Tgt Ion:112 Resp: 132056
Ion Ratio Lower Upper
112 100
64 59.5 55.1 82.7
63 34.1 30.4 45.6

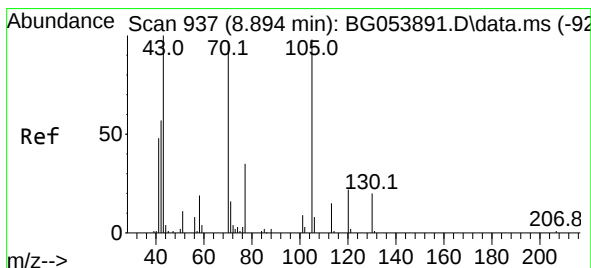
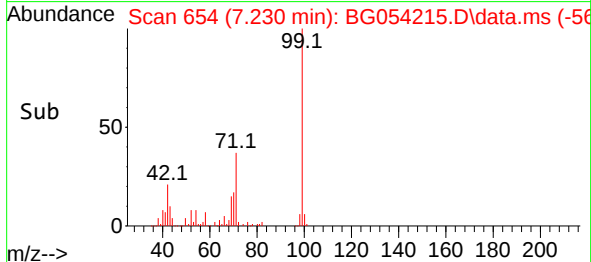
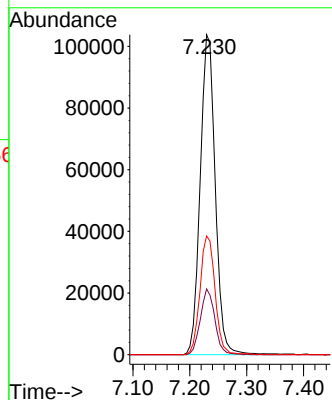
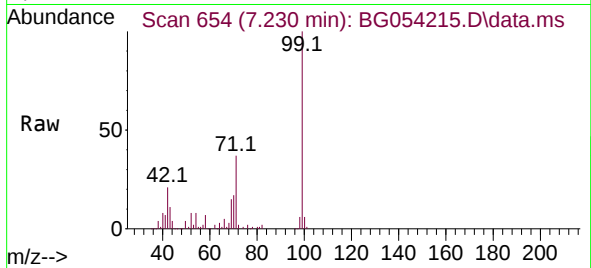




#7
Phenol-d6
Concen: 127.594 ng
RT: 7.230 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG054215.D
Acq: 6 Jul 2022 11:29

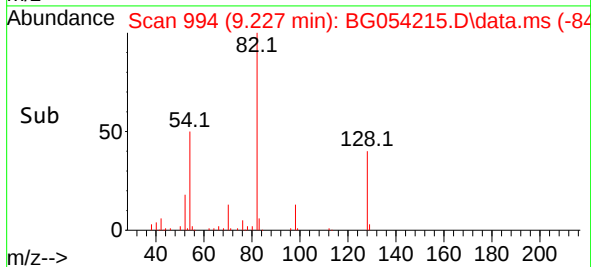
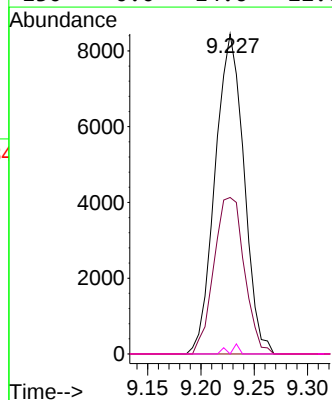
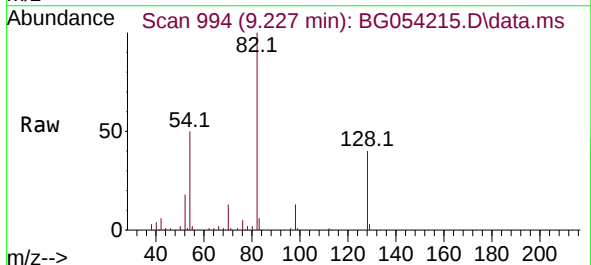
Instrument :
BNA_G
ClientSampleId :
PB145990TB

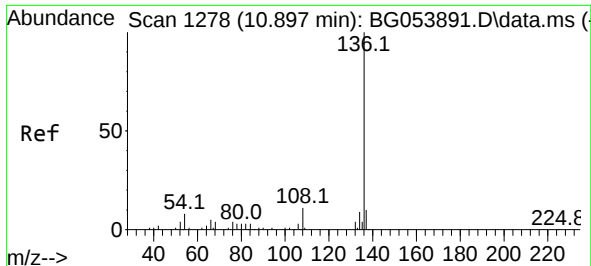
Tgt Ion: 99 Resp: 191078
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.6
71 37.1 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.754 ng
RT: 9.227 min Scan# 994
Delta R.T. 0.352 min
Lab File: BG054215.D
Acq: 6 Jul 2022 11:29

Tgt Ion: 70 Resp: 15850
Ion Ratio Lower Upper
70 100
42 48.9 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

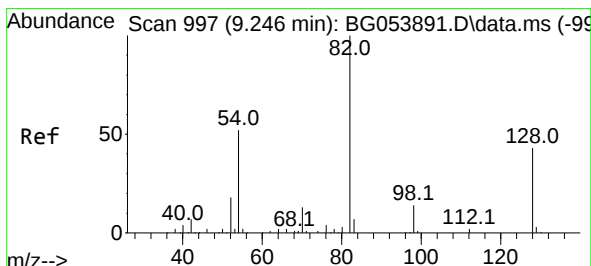
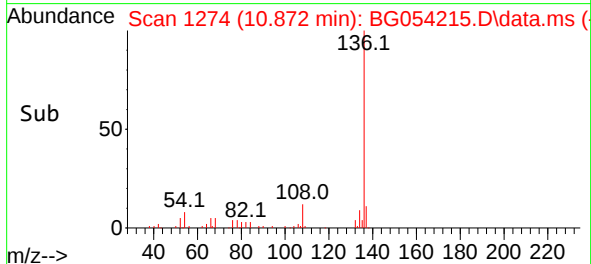
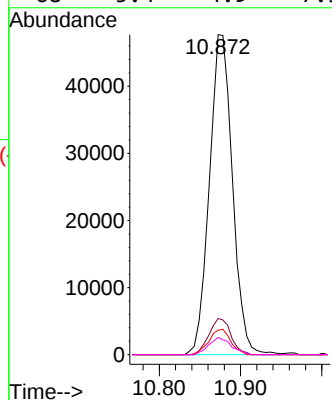
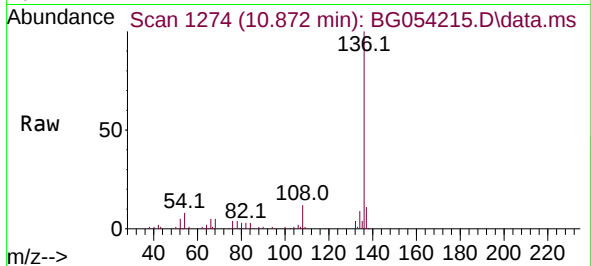




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.872 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054215.D
Acq: 6 Jul 2022 11:29

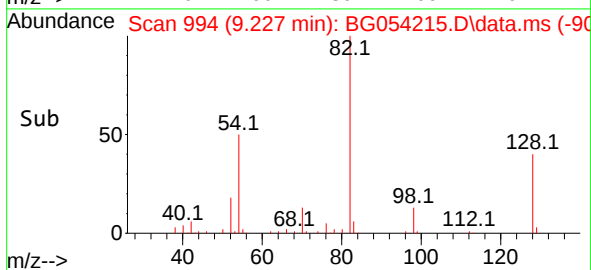
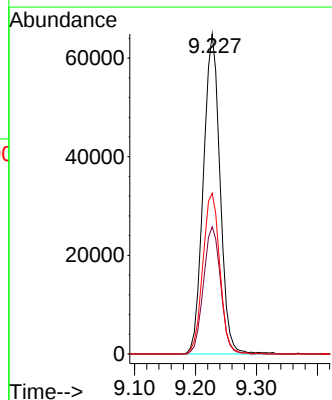
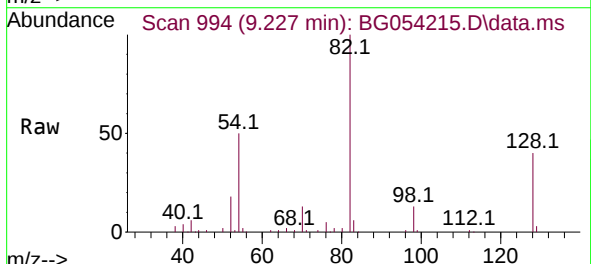
Instrument :
BNA_G
ClientSampleId :
PB145990TB

Tgt Ion:	136	Resp:	94001
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.5	12.7
54	7.7	7.4	11.2
68	5.4	4.9	7.3



#23
Nitrobenzene-d5
Concen: 73.696 ng
RT: 9.227 min Scan# 994
Delta R.T. -0.006 min
Lab File: BG054215.D
Acq: 6 Jul 2022 11:29

Tgt Ion:	82	Resp:	123273
Ion Ratio	Lower	Upper	
82	100		
128	39.7	27.9	41.9
54	50.2	41.2	61.8

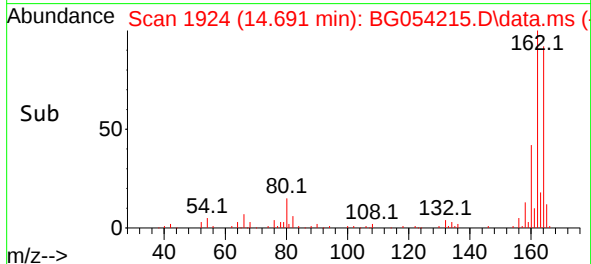
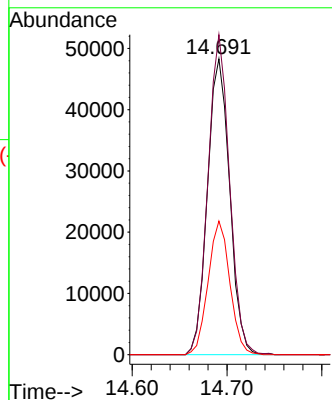
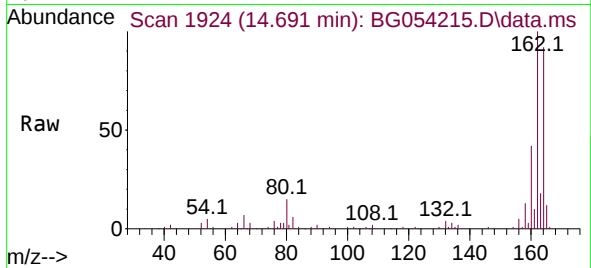




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.691 min Scan# 1924
 Delta R.T. -0.006 min
 Lab File: BG054215.D
 Acq: 6 Jul 2022 11:29

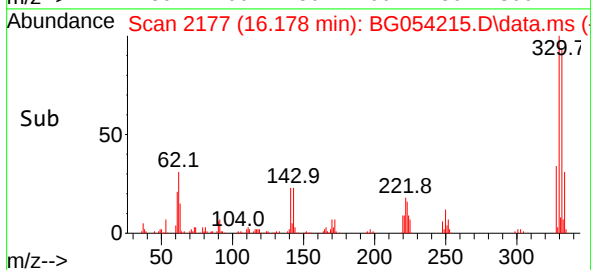
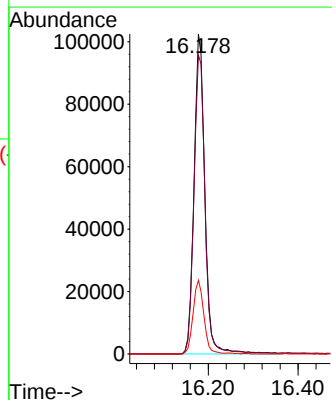
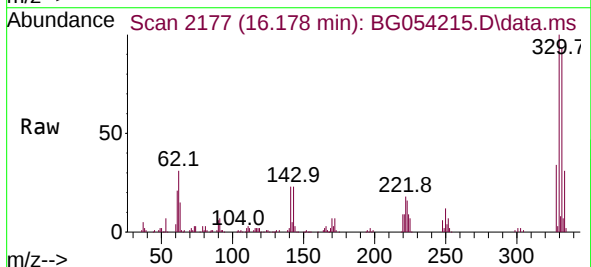
Instrument :
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 ClientSampleId :
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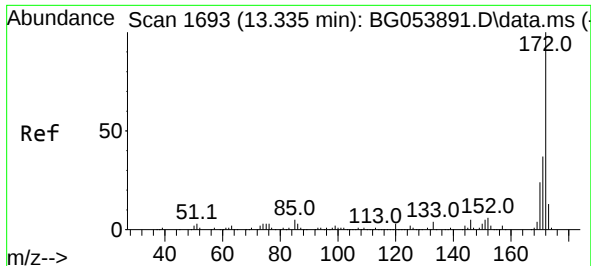
Tgt Ion:164 Resp: 78587
 Ion Ratio Lower Upper
 164 100
 162 108.2 82.3 123.5
 160 45.2 34.2 51.2



#42
 2,4,6-Tribromophenol
 Concen: 136.165 ng
 RT: 16.178 min Scan# 2177
 Delta R.T. -0.006 min
 Lab File: BG054215.D
 Acq: 6 Jul 2022 11:29

Tgt Ion:330 Resp: 171927
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.0 114.0
 141 22.8 27.1 40.7#

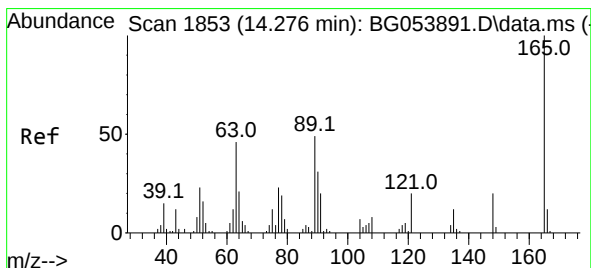
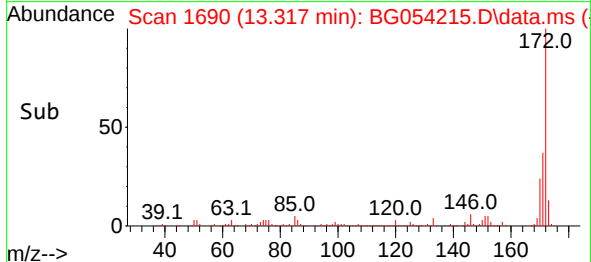
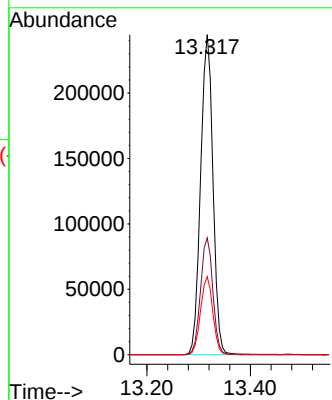
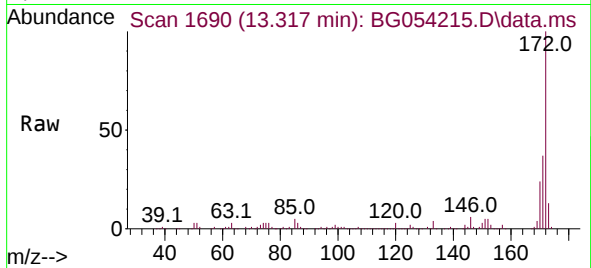




#45
2-Fluorobiphenyl
Concen: 74.888 ng
RT: 13.317 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054215.D
Acq: 6 Jul 2022 11:29

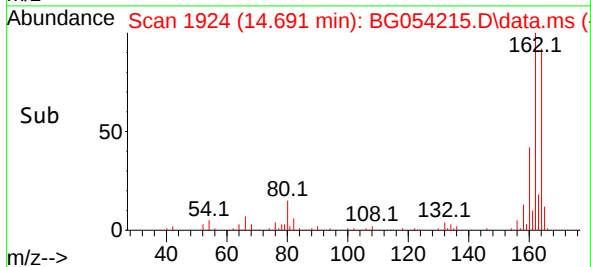
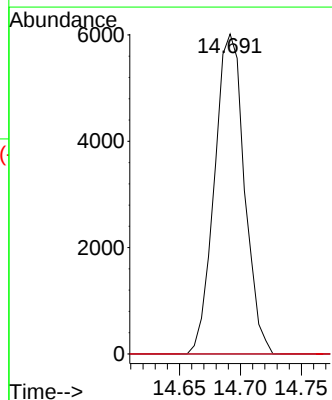
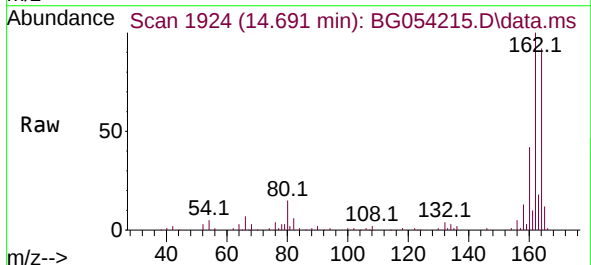
Instrument :
BNA_G
ClientSampleId :
PB145990TB

Tgt Ion:172 Resp: 404725
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 24.4 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.492 ng
RT: 14.691 min Scan# 1924
Delta R.T. 0.428 min
Lab File: BG054215.D
Acq: 6 Jul 2022 11:29

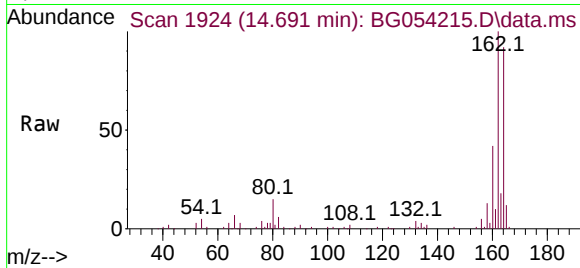
Tgt Ion:165 Resp: 10269
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



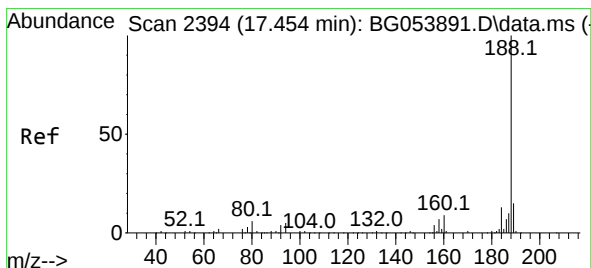
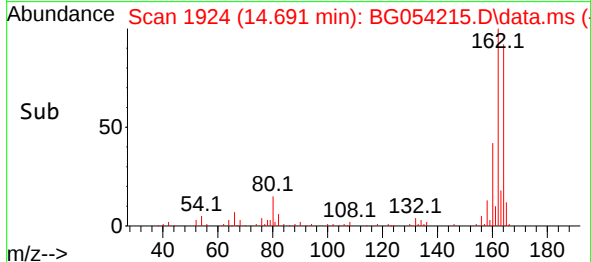
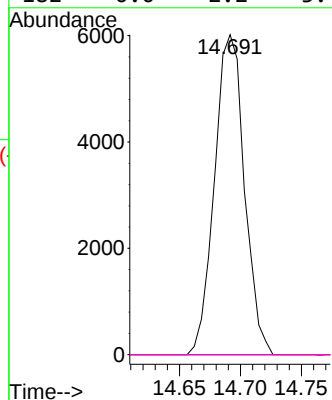


#57
2,4-Dinitrotoluene
Concen: 6.013 ng
RT: 14.691 min Scan# 1987
Delta R.T. -0.359 min
Lab File: BG054215.D
Acq: 6 Jul 2022 11:29

Instrument :
BNA_G
ClientSampleId :
PB145990TB

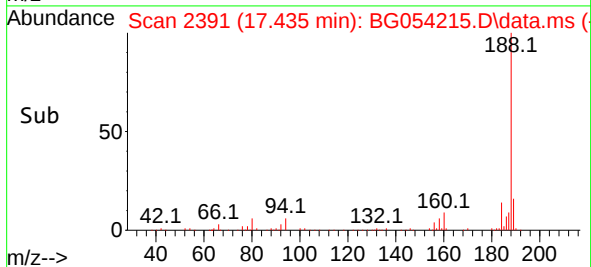
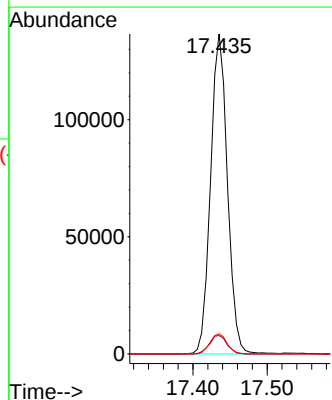
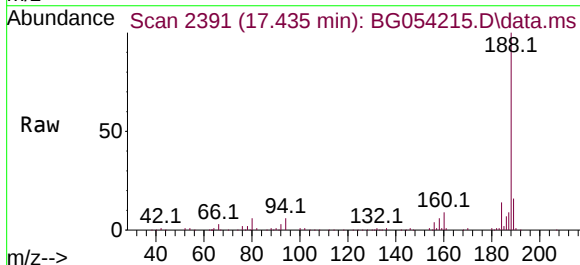


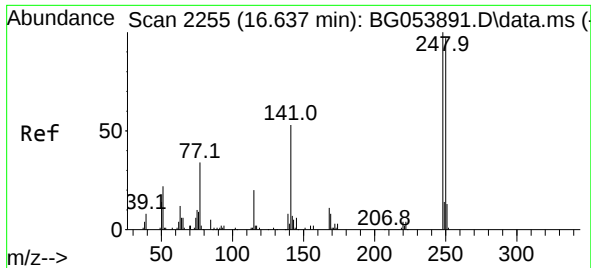
Tgt Ion:165 Resp: 10269
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.435 min Scan# 2391
Delta R.T. -0.006 min
Lab File: BG054215.D
Acq: 6 Jul 2022 11:29

Tgt Ion:188 Resp: 215284
Ion Ratio Lower Upper
188 100
94 5.8 5.4 8.0
80 6.3 6.8 10.2#

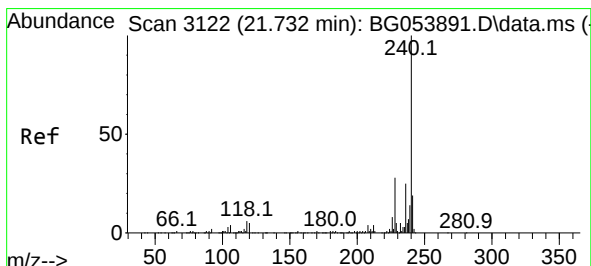
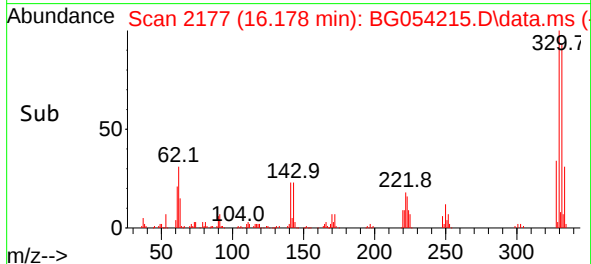
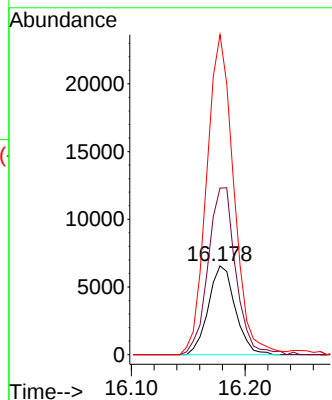
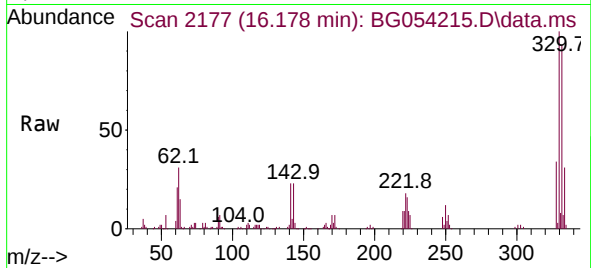




#67
4-Bromophenyl-phenylether
Concen: 4.007 ng
RT: 16.178 min Scan# 2119
Delta R.T. -0.447 min
Lab File: BG054215.D
Acq: 6 Jul 2022 11:29

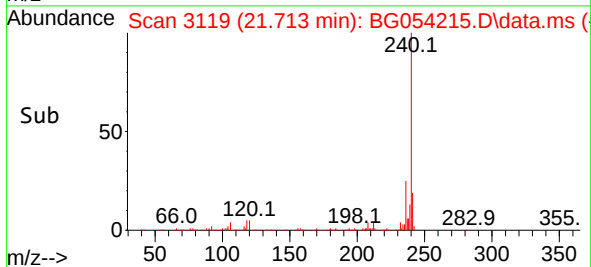
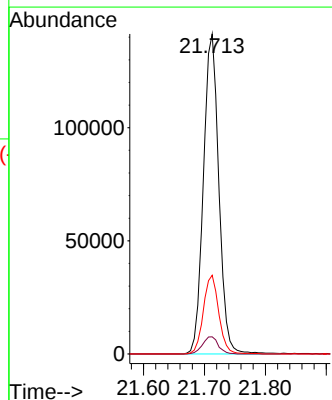
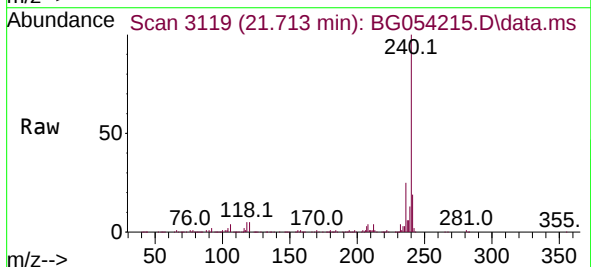
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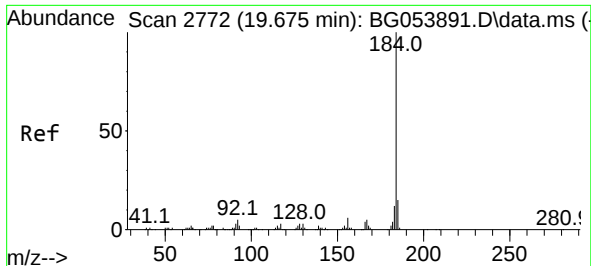
Tgt Ion:248 Resp: 10773
Ion Ratio Lower Upper
248 100
250 187.5 75.2 112.8#
141 360.2 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.713 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BG054215.D
Acq: 6 Jul 2022 11:29

Tgt Ion:240 Resp: 249141
Ion Ratio Lower Upper
240 100
120 5.3 4.6 7.0
236 24.6 20.2 30.4

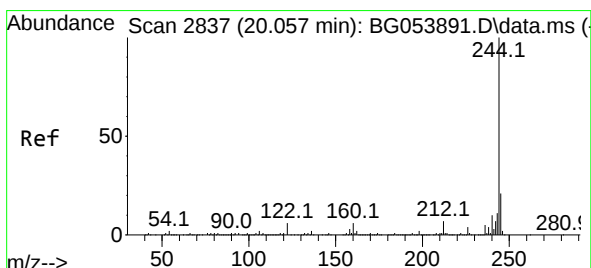
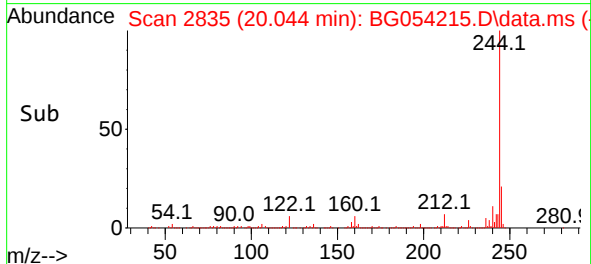
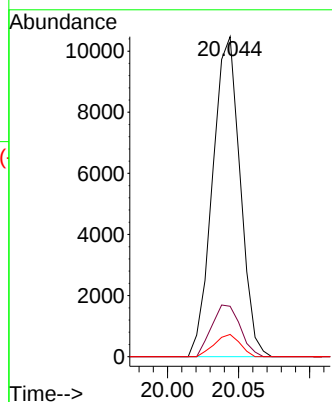
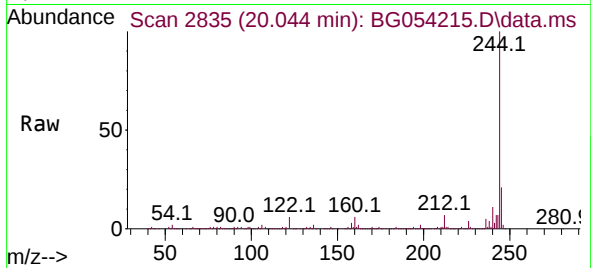




#77
Benzidine
Concen: 2.731 ng
RT: 20.044 min Scan# 21
Delta R.T. 0.381 min
Lab File: BG054215.D
Acq: 6 Jul 2022 11:29

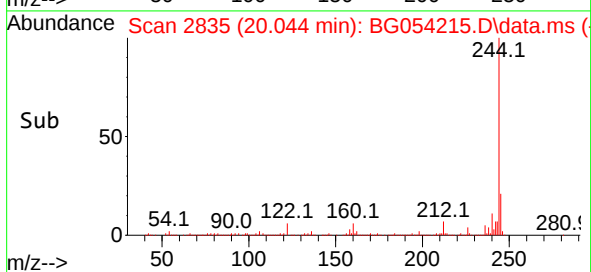
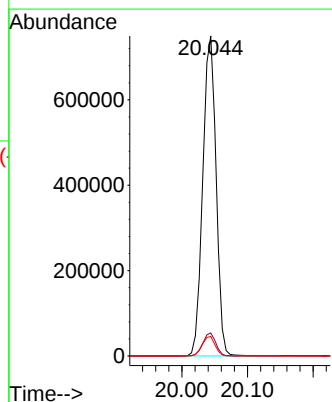
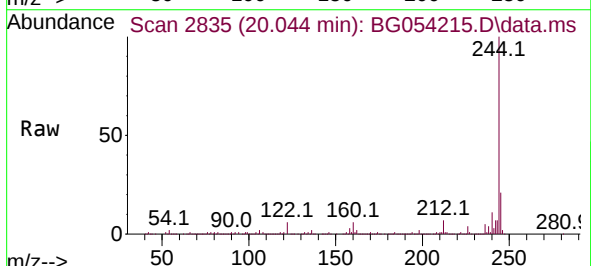
Instrument :
BNA_G
ClientSampleId :
PB145990TB

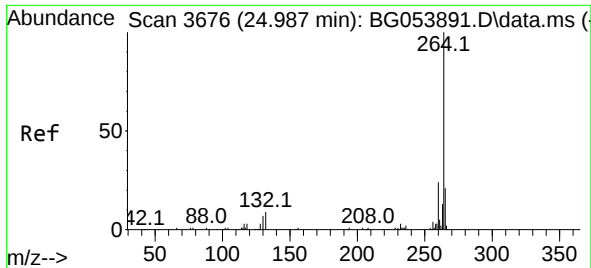
Tgt Ion:184 Resp: 14093
Ion Ratio Lower Upper
184 100
185 15.7 11.8 17.6
183 7.0 8.9 13.3#



#79
Terphenyl-d14
Concen: 85.762 ng
RT: 20.044 min Scan# 2835
Delta R.T. -0.001 min
Lab File: BG054215.D
Acq: 6 Jul 2022 11:29

Tgt Ion:244 Resp: 1060869
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 6.1 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.968 min Scan# 30
Delta R.T. 0.005 min
Lab File: BG054215.D
Acq: 6 Jul 2022 11:29

Instrument :
BNA_G
ClientSampleId :
PB145990TB

Tgt Ion:264 Resp: 249546
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.6
265 21.4 17.4 26.2

