

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081022\
 Data File : BG054591.D
 Acq On : 10 Aug 2022 16:48
 Operator : CG/JU
 Sample : N3971-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-22R

Quant Time: Aug 10 17:56:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 08 14:48:51 2022
 Response via : Initial Calibration

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

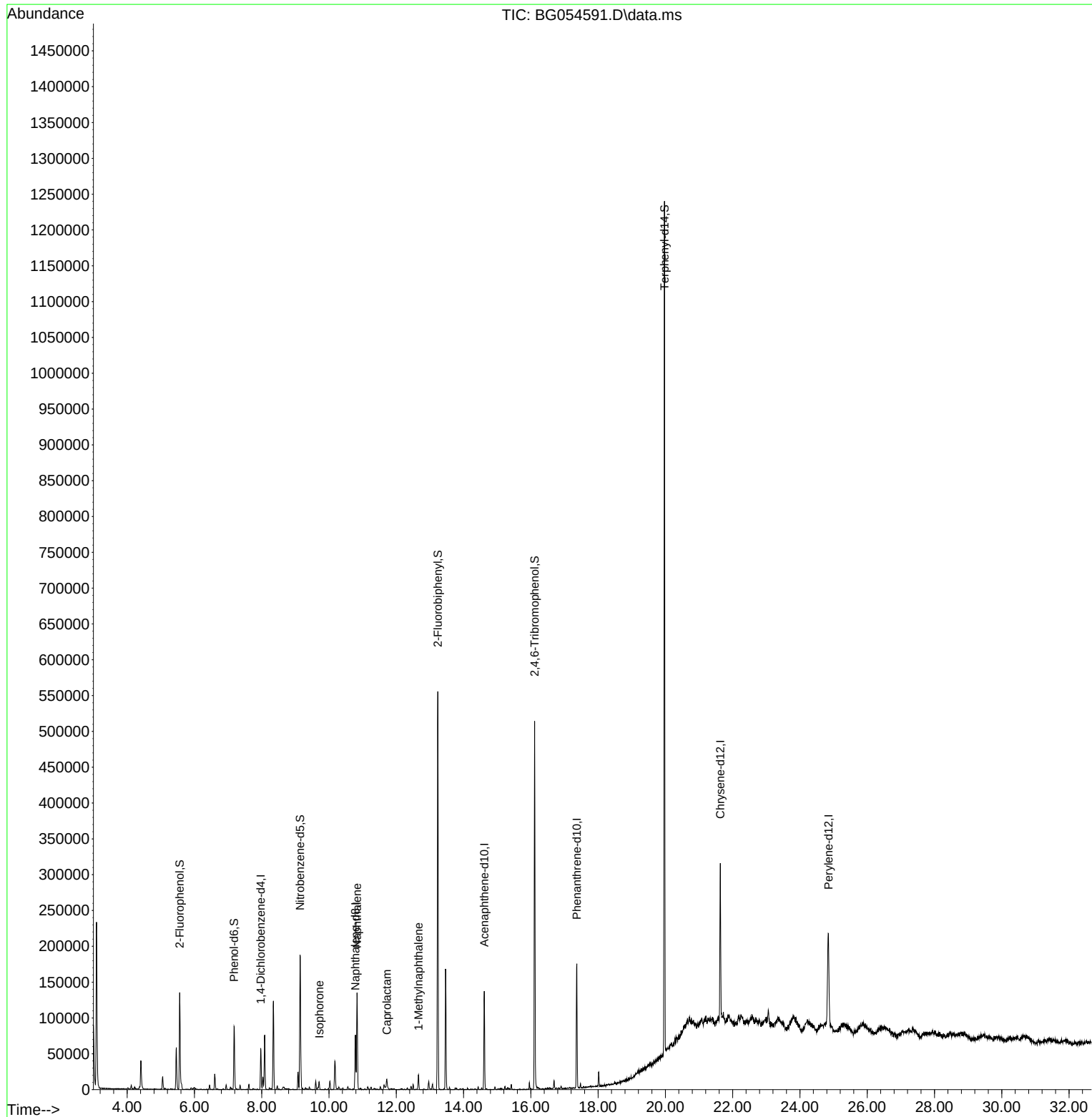
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.972	152	18809	20.000	ng	0.00
21) Naphthalene-d8	10.787	136	68787	20.000	ng	# 0.00
39) Acenaphthene-d10	14.617	164	51915	20.000	ng	0.00
64) Phenanthrene-d10	17.367	188	128413	20.000	ng	# 0.00
76) Chrysene-d12	21.633	240	154415	20.000	ng	# 0.00
86) Perylene-d12	24.847	264	164841	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	62159	68.999	ng	0.00
7) Phenol-d6	7.179	99	51193	41.472	ng	0.00
23) Nitrobenzene-d5	9.142	82	113600	89.934	ng	0.00
42) 2,4,6-Tribromophenol	16.116	330	136599	125.318	ng	0.00
45) 2-Fluorobiphenyl	13.237	172	316231	85.930	ng	0.00
79) Terphenyl-d14	19.976	244	699485	89.864	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	9.711	82	8099	3.687	ng	# 90
31) Naphthalene	10.834	128	115359	33.409	ng	99
35) Caprolactam	11.721	113	3217	9.847	ng	89
38) 1-Methylnaphthalene	12.661	142	5356	2.073	ng	# 96

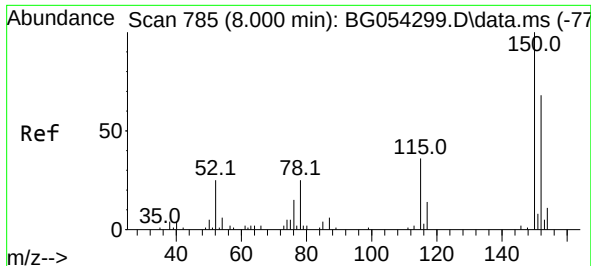
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 08 14:48:51 2022
Response via : Initial Calibration

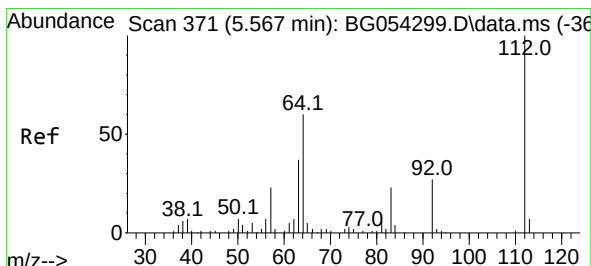
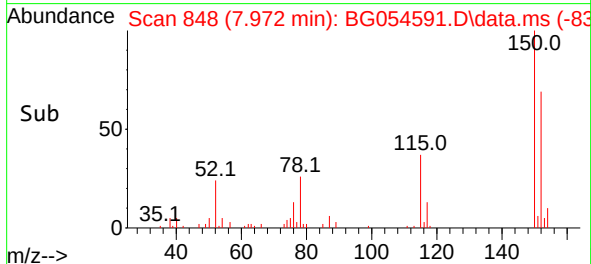
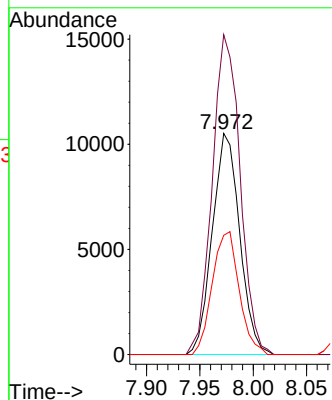
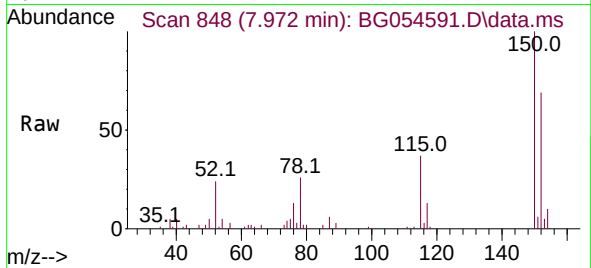




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.972 min Scan# 84
Delta R.T. 0.000 min
Lab File: BG054591.D
Acq: 10 Aug 2022 16:48

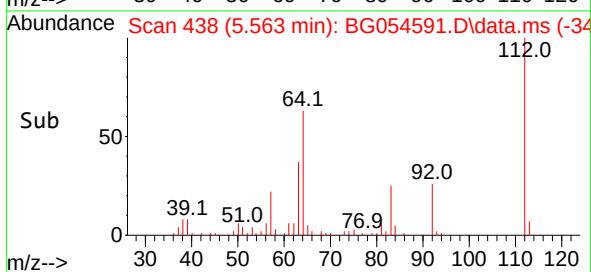
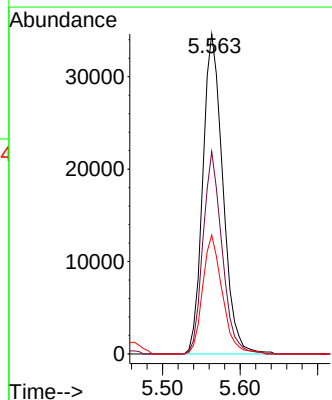
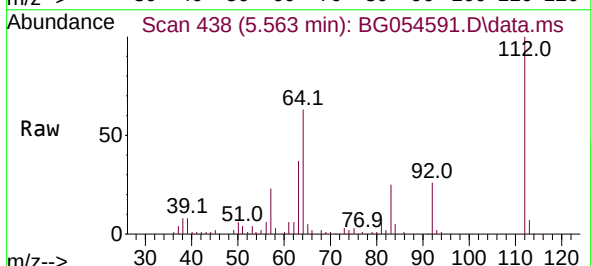
Instrument :
BNA_G
ClientSampleId :
MW-22R

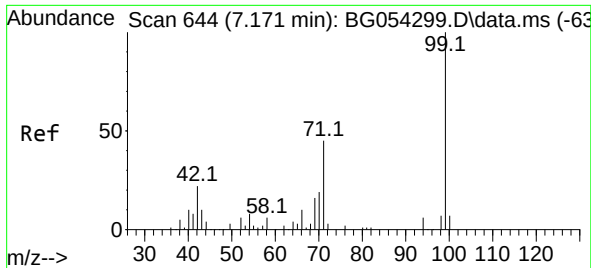
Tgt Ion:152 Resp: 18809
Ion Ratio Lower Upper
152 100
150 144.6 131.6 197.4
115 53.9 50.9 76.3



#5
2-Fluorophenol
Concen: 68.999 ng
RT: 5.563 min Scan# 438
Delta R.T. -0.000 min
Lab File: BG054591.D
Acq: 10 Aug 2022 16:48

Tgt Ion:112 Resp: 62159
Ion Ratio Lower Upper
112 100
64 63.2 55.1 82.7
63 37.1 30.4 45.6

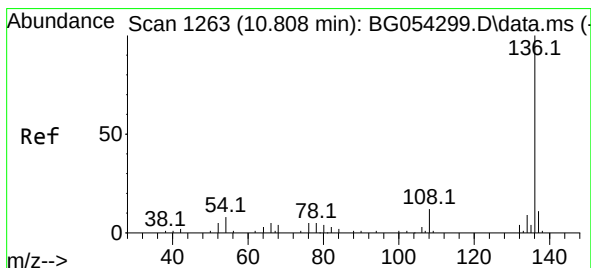
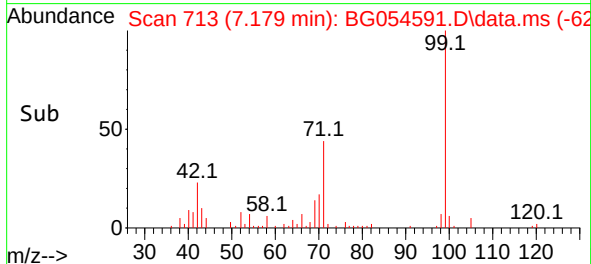
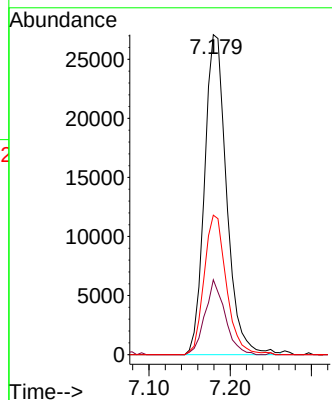
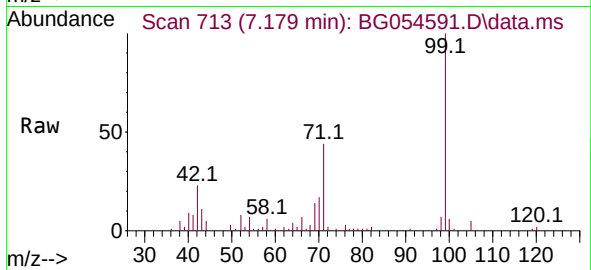




#7
Phenol-d6
Concen: 41.472 ng
RT: 7.179 min Scan# 71
Delta R.T. -0.000 min
Lab File: BG054591.D
Acq: 10 Aug 2022 16:48

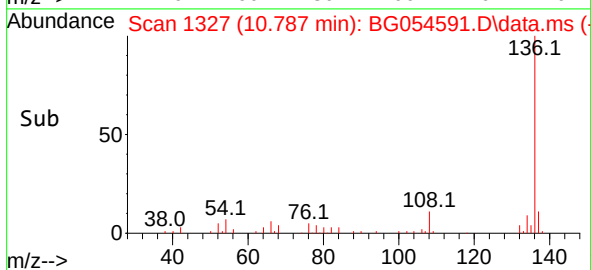
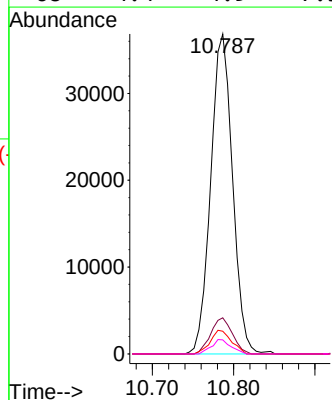
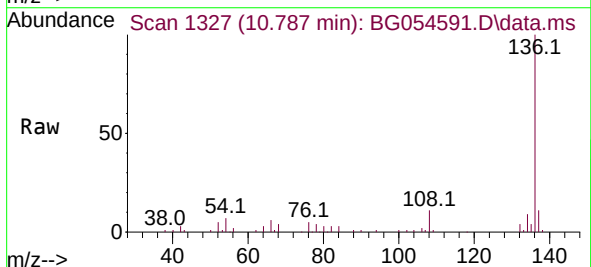
Instrument :
BNA_G
ClientSampleId :
MW-22R

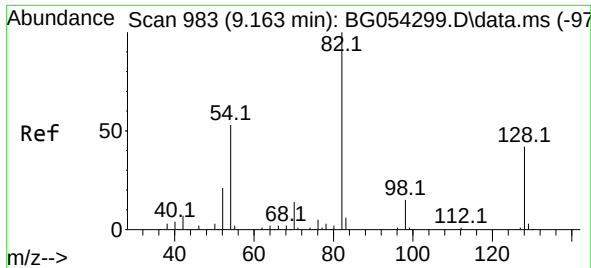
Tgt Ion: 99 Resp: 51193
Ion Ratio Lower Upper
99 100
42 23.4 17.0 25.6
71 43.6 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.787 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BG054591.D
Acq: 10 Aug 2022 16:48

Tgt Ion: 136 Resp: 68787
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 7.1 7.4 11.2#
68 4.4 4.9 7.3#

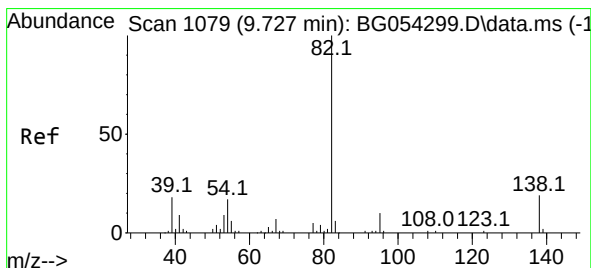
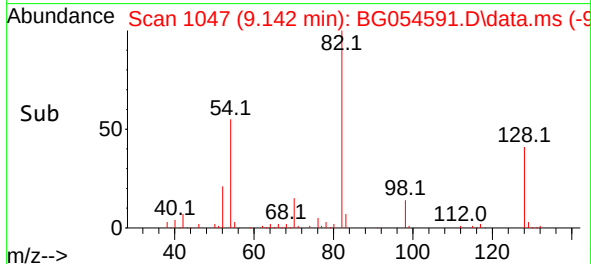
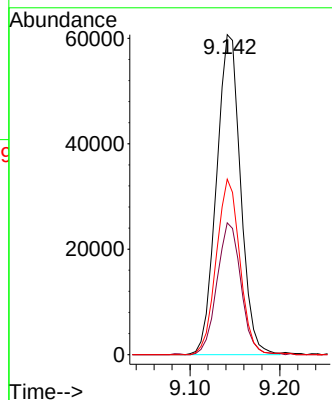
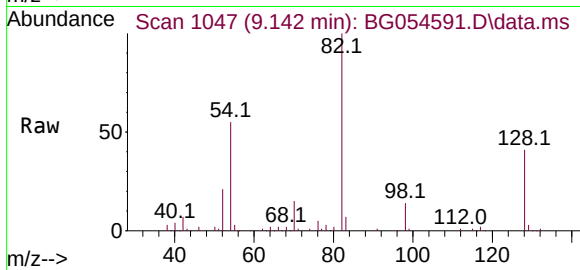




#23
 Nitrobenzene-d5
 Concen: 89.934 ng
 RT: 9.142 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: BG054591.D
 Acq: 10 Aug 2022 16:48

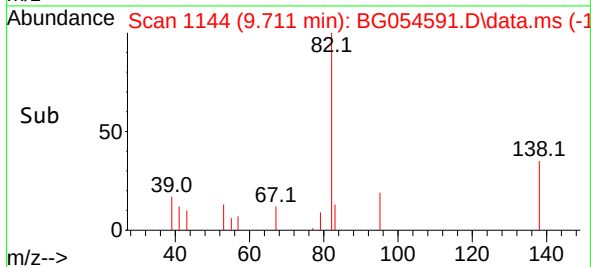
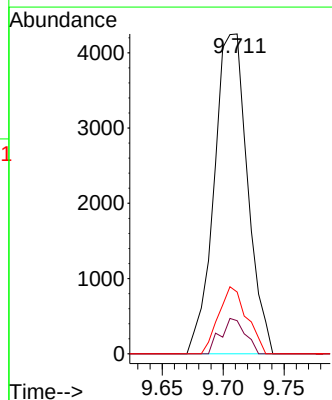
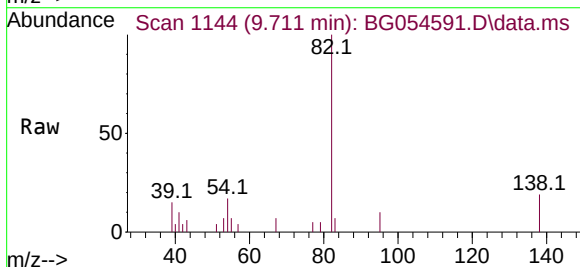
Instrument :
 BNA_G
 ClientSampleId :
 MW-22R

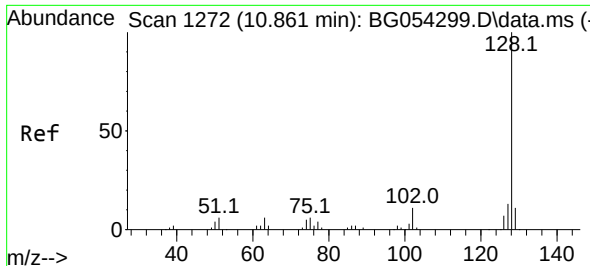
Tgt Ion: 82 Resp: 113600
 Ion Ratio Lower Upper
 82 100
 128 41.2 27.9 41.9
 54 54.8 41.2 61.8



#25
 Isophorone
 Concen: 3.687 ng
 RT: 9.711 min Scan# 1144
 Delta R.T. 0.006 min
 Lab File: BG054591.D
 Acq: 10 Aug 2022 16:48

Tgt Ion: 82 Resp: 8099
 Ion Ratio Lower Upper
 82 100
 95 10.4 6.2 9.4#
 138 19.3 11.6 17.4#

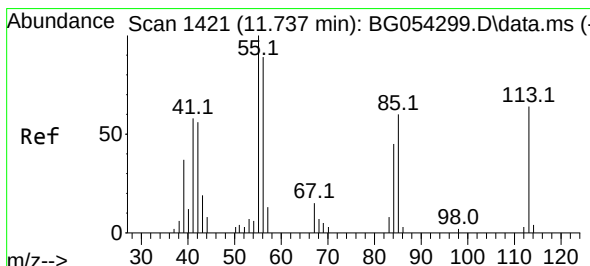
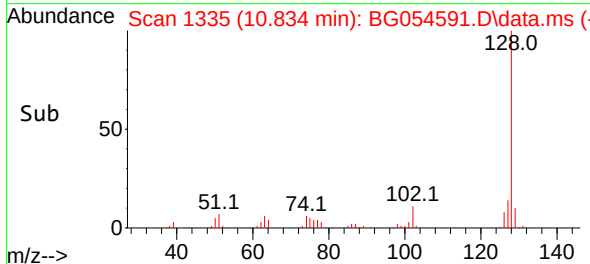
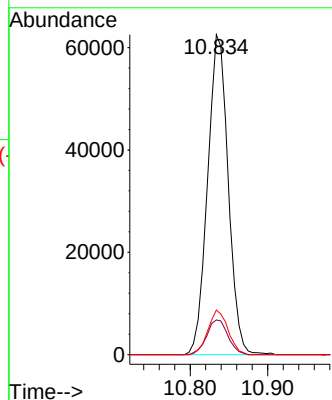
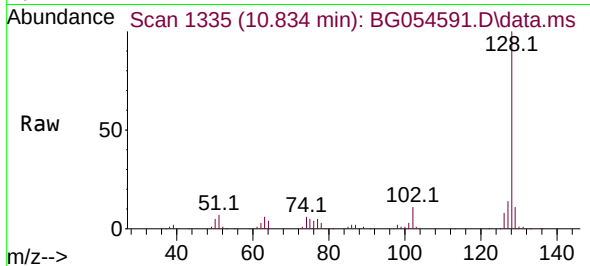




#31
Naphthalene
Concen: 33.409 ng
RT: 10.834 min Scan# 1486
Delta R.T. -0.000 min
Lab File: BG054591.D
Acq: 10 Aug 2022 16:48

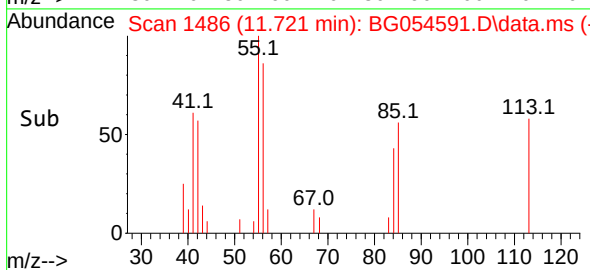
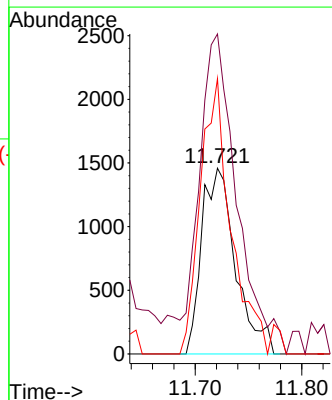
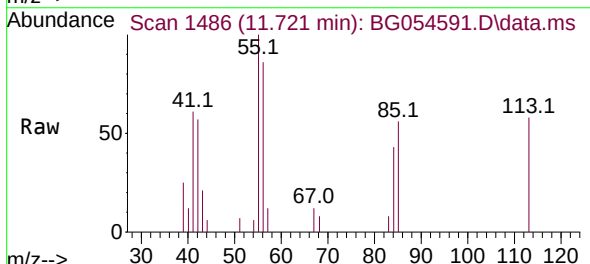
Instrument :
BNA_G
ClientSampleId :
MW-22R

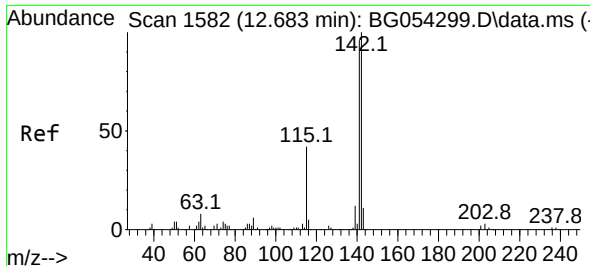
Tgt Ion:128 Resp: 115359
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.9 11.1 16.7



#35
Caprolactam
Concen: 9.847 ng
RT: 11.721 min Scan# 1486
Delta R.T. -0.006 min
Lab File: BG054591.D
Acq: 10 Aug 2022 16:48

Tgt Ion:113 Resp: 3217
Ion Ratio Lower Upper
113 100
55 172.3 169.8 209.8
56 148.3 141.2 181.2

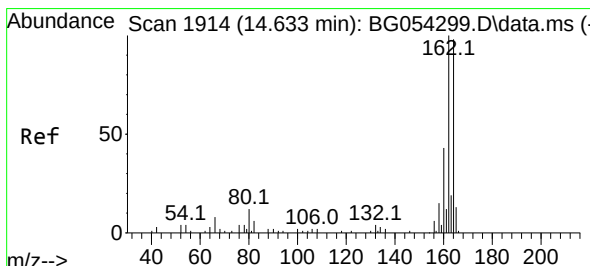
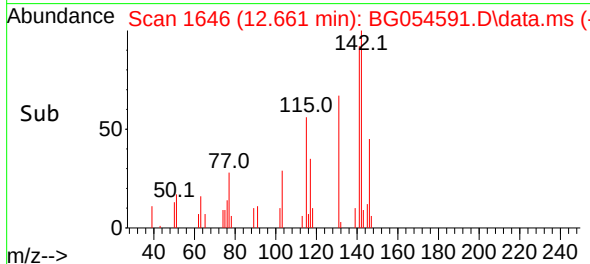
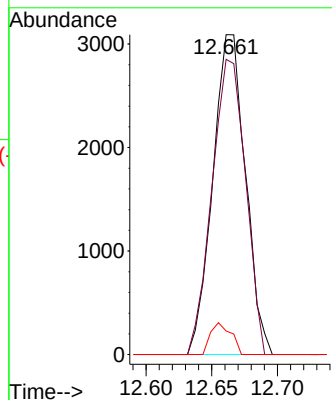
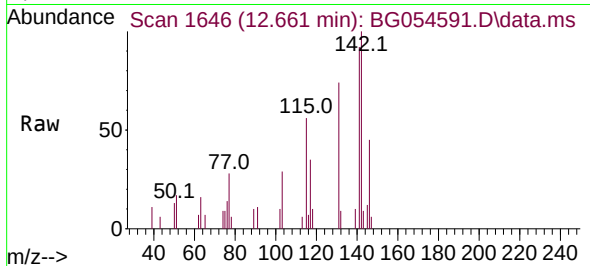




#38
1-Methylnaphthalene
Concen: 2.073 ng
RT: 12.661 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG054591.D
Acq: 10 Aug 2022 16:48

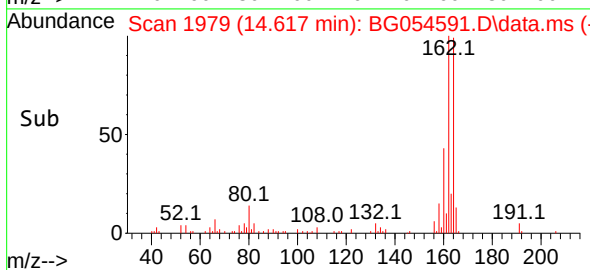
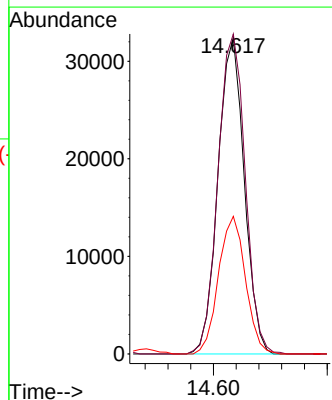
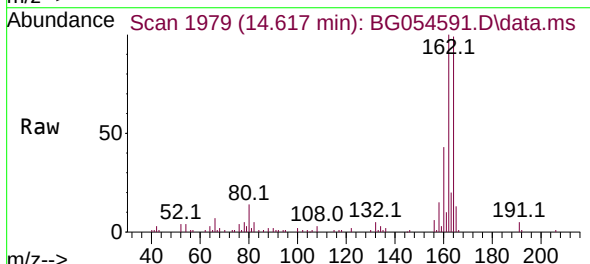
Instrument :
BNA_G
ClientSampleId :
MW-22R

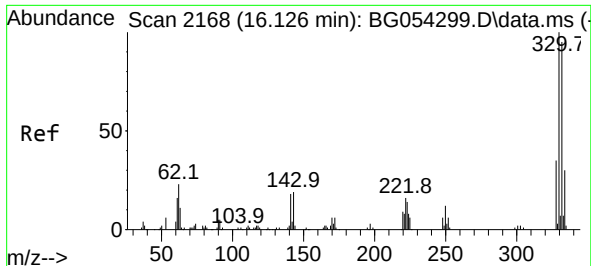
Tgt Ion:142 Resp: 5356
Ion Ratio Lower Upper
142 100
141 92.3 76.4 114.6
116 7.3 3.3 4.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.617 min Scan# 1979
Delta R.T. -0.000 min
Lab File: BG054591.D
Acq: 10 Aug 2022 16:48

Tgt Ion:164 Resp: 51915
Ion Ratio Lower Upper
164 100
162 101.2 82.3 123.5
160 43.5 34.2 51.2

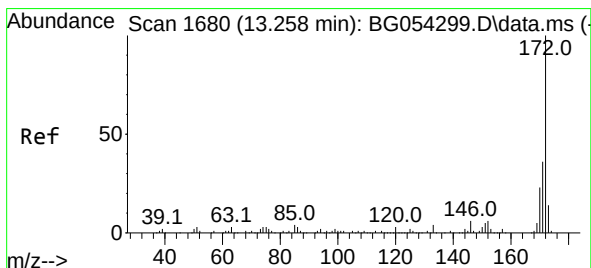
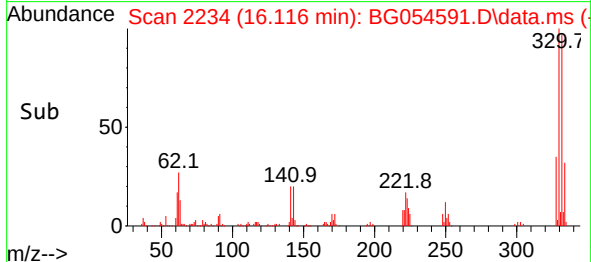
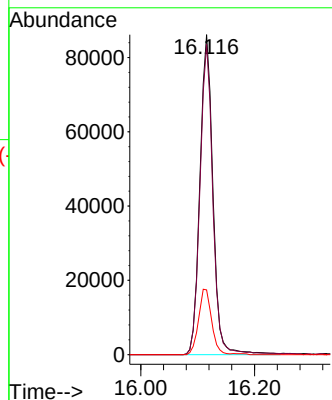
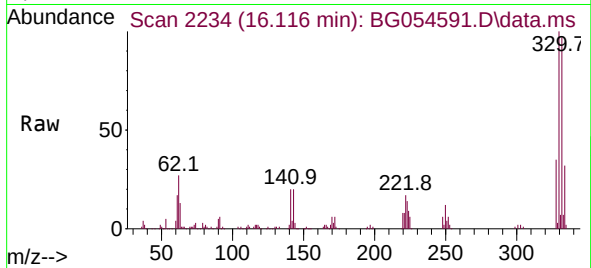




#42
 2,4,6-Tribromophenol
 Concen: 125.318 ng
 RT: 16.116 min Scan# 2168
 Delta R.T. -0.000 min
 Lab File: BG054591.D
 Acq: 10 Aug 2022 16:48

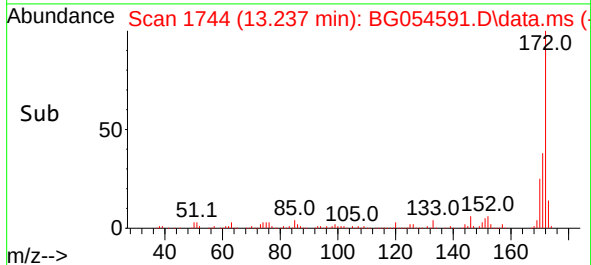
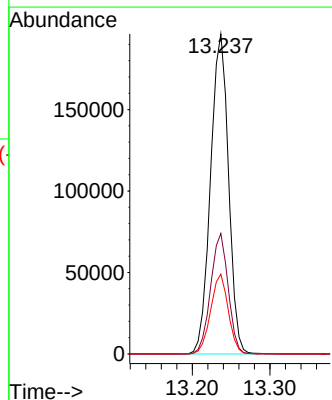
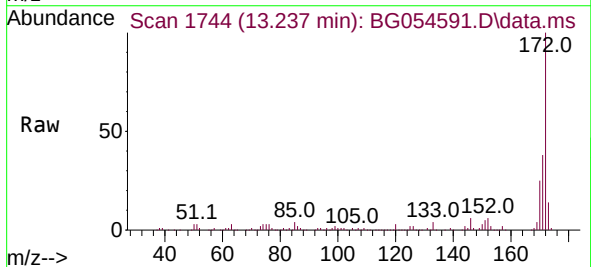
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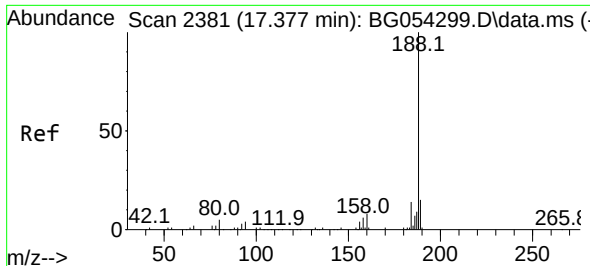
Tgt Ion:330 Resp: 136599
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.0 114.0
 141 20.4 27.1 40.7#



#45
 2-Fluorobiphenyl
 Concen: 85.930 ng
 RT: 13.237 min Scan# 1744
 Delta R.T. -0.000 min
 Lab File: BG054591.D
 Acq: 10 Aug 2022 16:48

Tgt Ion:172 Resp: 316231
 Ion Ratio Lower Upper
 172 100
 171 37.6 28.5 42.7
 170 24.9 18.9 28.3

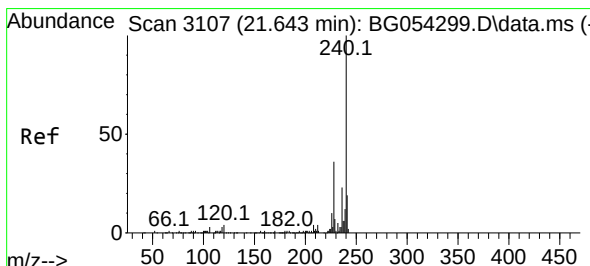
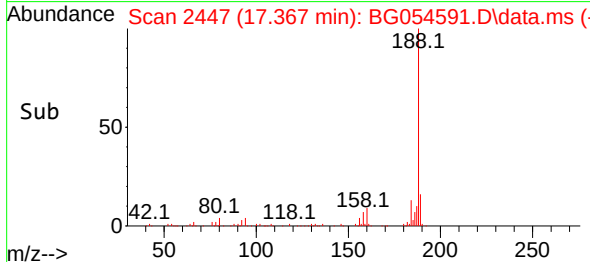
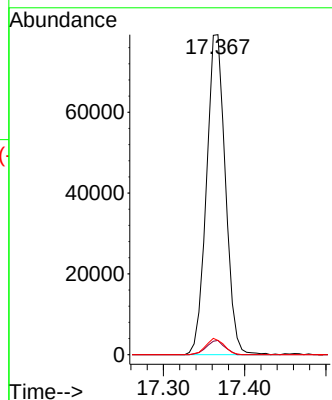
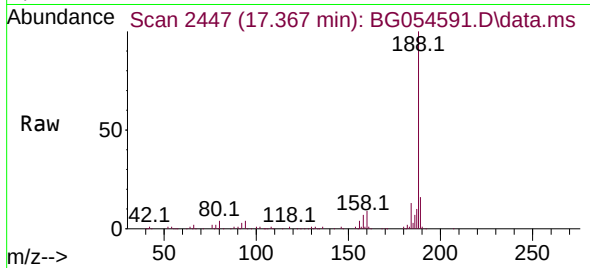




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.367 min Scan# 24
Delta R.T. 0.006 min
Lab File: BG054591.D
Acq: 10 Aug 2022 16:48

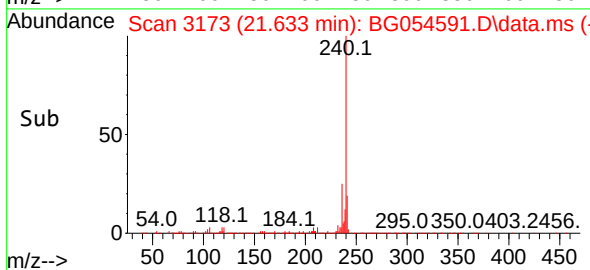
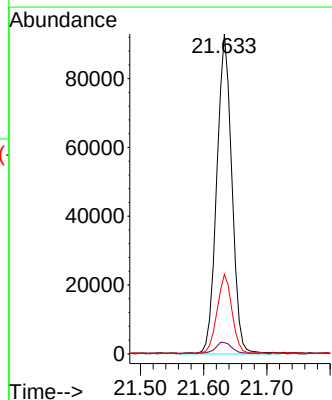
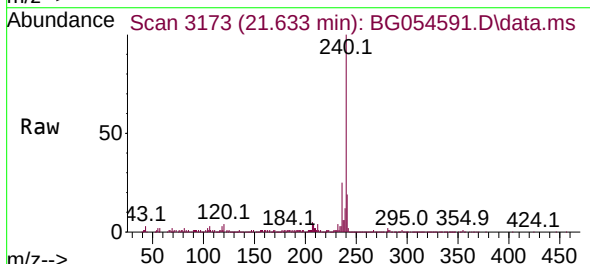
Instrument :
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MW-22R

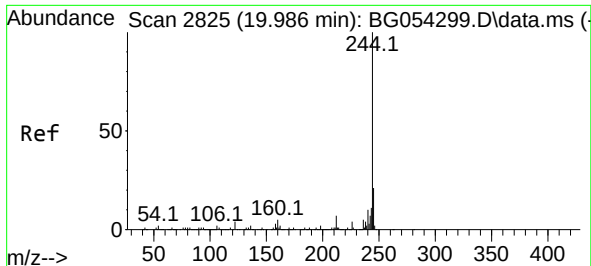
Tgt Ion:188 Resp: 128413
Ion Ratio Lower Upper
188 100
94 4.4 5.4 8.0#
80 4.4 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3173
Delta R.T. -0.000 min
Lab File: BG054591.D
Acq: 10 Aug 2022 16:48

Tgt Ion:240 Resp: 154415
Ion Ratio Lower Upper
240 100
120 3.5 4.6 7.0#
236 24.8 20.2 30.4

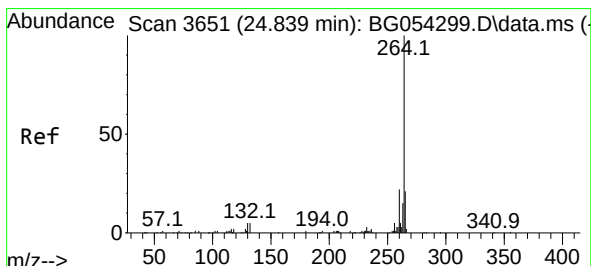
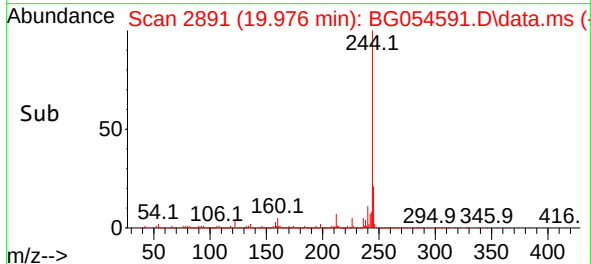
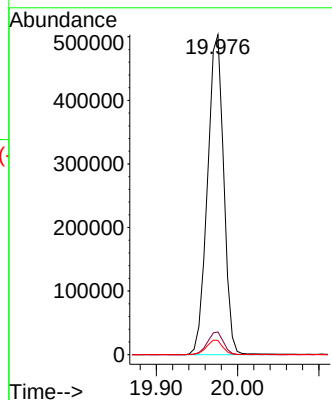
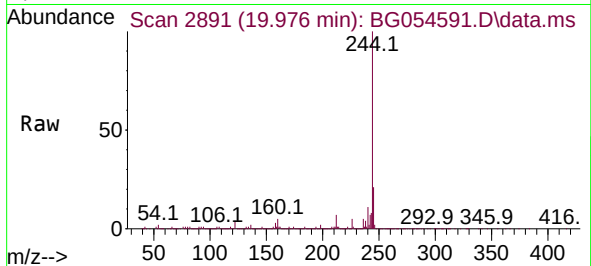




#79
 Terphenyl-d14
 Concen: 89.864 ng
 RT: 19.976 min Scan# 2825
 Delta R.T. 0.006 min
 Lab File: BG054591.D
 Acq: 10 Aug 2022 16:48

Instrument :
 BNA_G
 ClientSampleId :
 MW-22R

Tgt Ion:244 Resp: 699485
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 4.4 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.847 min Scan# 3720
 Delta R.T. 0.012 min
 Lab File: BG054591.D
 Acq: 10 Aug 2022 16:48

Tgt Ion:264 Resp: 164841
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.0 28.6
 265 22.4 17.4 26.2

