

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080122\
 Data File : BG054460.D
 Acq On : 1 Aug 2022 11:46
 Operator : CG/JU
 Sample : PB146613BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146613BL

Quant Time: Aug 02 05:45:07 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)

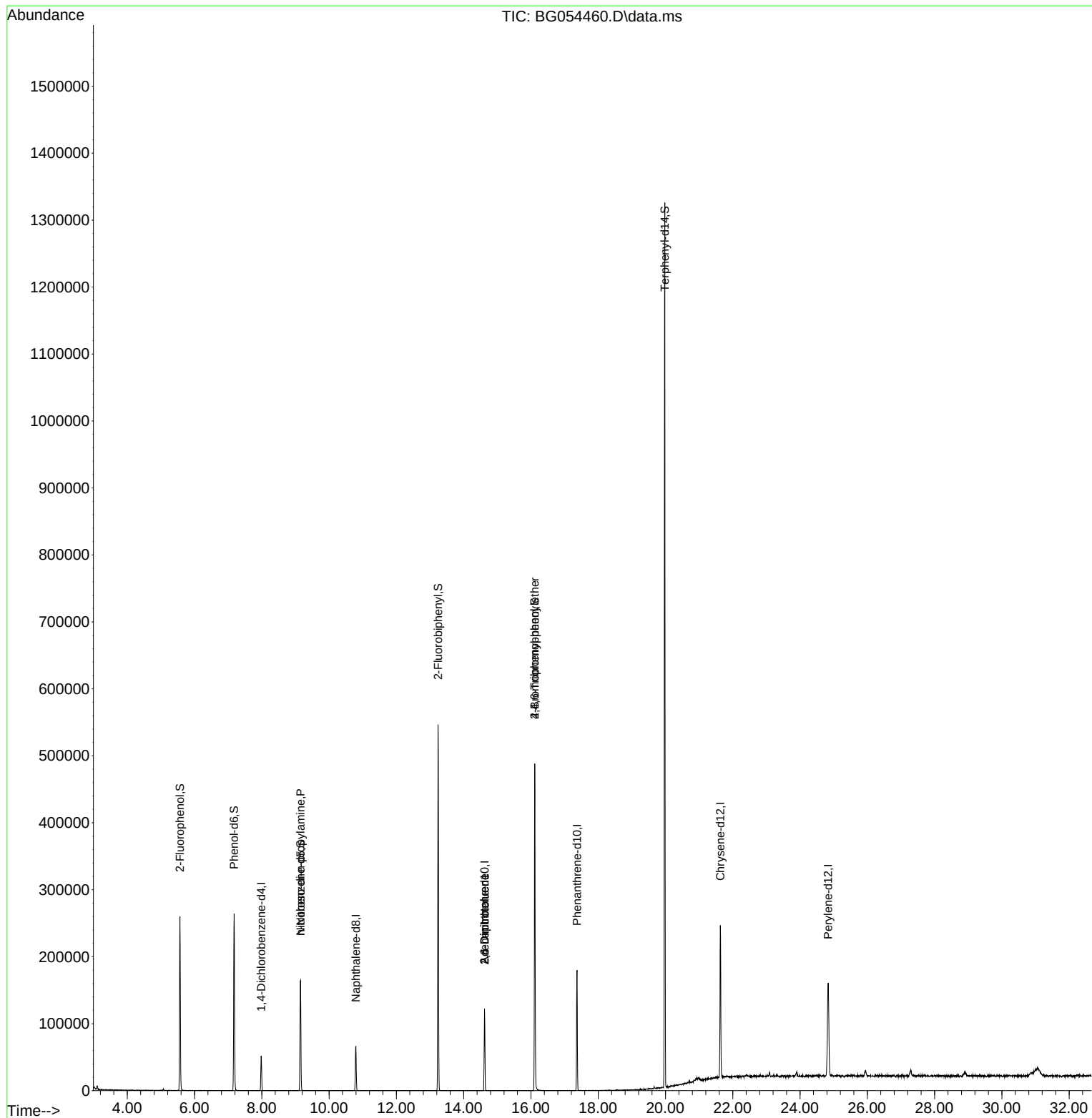
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.982	152	17227	20.000	ng	# 0.00
21) Naphthalene-d8	10.796	136	62077	20.000	ng	# 0.00
39) Acenaphthene-d10	14.621	164	49838	20.000	ng	0.00
64) Phenanthrene-d10	17.371	188	133550	20.000	ng	# 0.00
76) Chrysene-d12	21.631	240	160100	20.000	ng	# 0.00
86) Perylene-d12	24.833	264	170912	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.567	112	117285	142.147	ng	0.00
7) Phenol-d6	7.177	99	151277	133.804	ng	0.00
23) Nitrobenzene-d5	9.151	82	104051	91.279	ng	0.00
42) 2,4,6-Tribromophenol	16.113	330	132742	126.854	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	312155	88.357	ng	0.00
79) Terphenyl-d14	19.980	244	768010	95.164	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.171	77	56	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.151	70	15231	20.174	ng	# 79
51) 2,6-Dinitrotoluene	14.621	165	6836	8.006	ng	# 16
57) 2,4-Dinitrotoluene	14.621	165	6836	5.585	ng	# 21
67) 4-Bromophenyl-phenylether	16.113	248	8073	4.304	ng	# 1

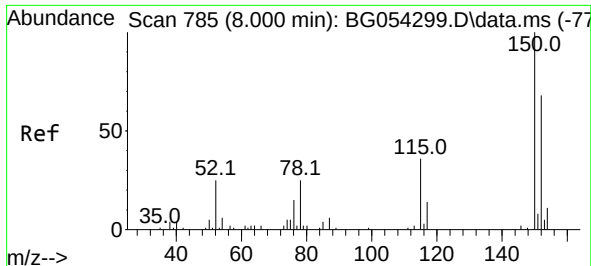
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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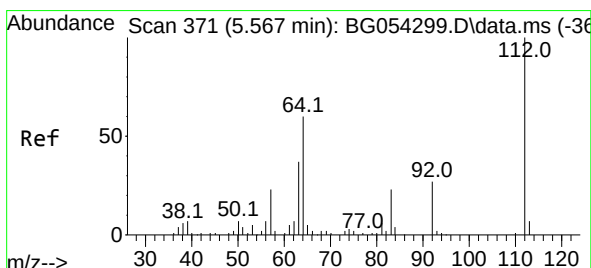
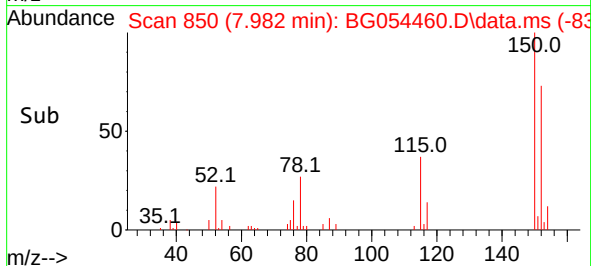
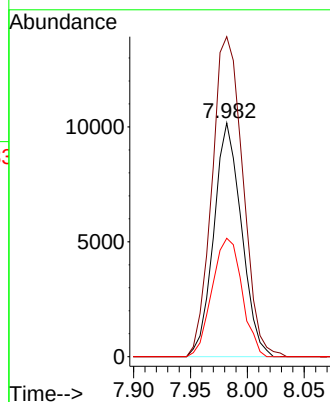
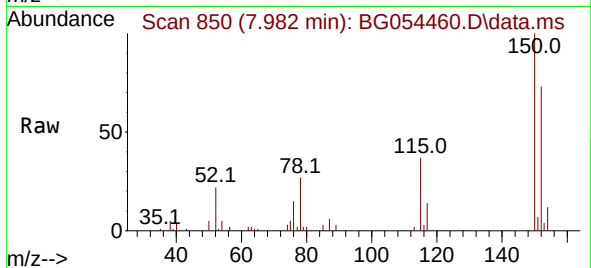




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.982 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BG054460.D
 Acq: 1 Aug 2022 11:46

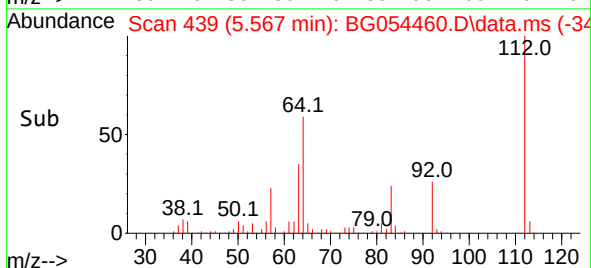
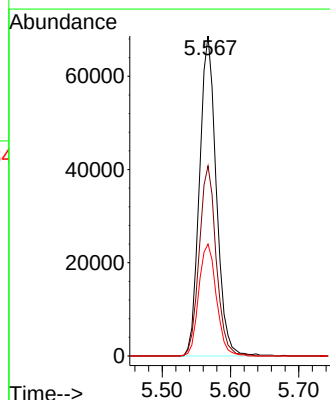
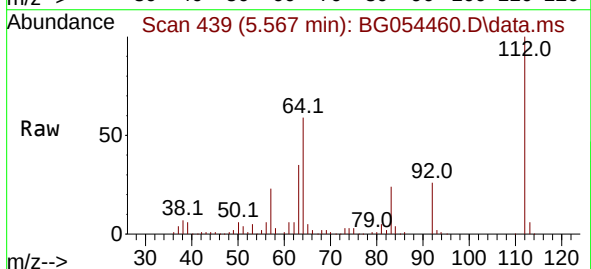
Instrument :
 BNA_G
 ClientSampleId :
 PB146613BL

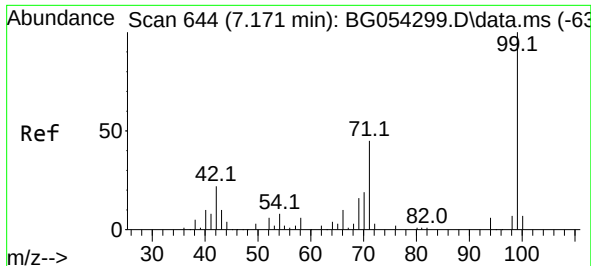
Tgt Ion:152 Resp: 17227
 Ion Ratio Lower Upper
 152 100
 150 136.9 131.6 197.4
 115 50.6 50.9 76.3#



#5
 2-Fluorophenol
 Concen: 142.147 ng
 RT: 5.567 min Scan# 439
 Delta R.T. 0.005 min
 Lab File: BG054460.D
 Acq: 1 Aug 2022 11:46

Tgt Ion:112 Resp: 117285
 Ion Ratio Lower Upper
 112 100
 64 59.4 55.1 82.7
 63 34.9 30.4 45.6

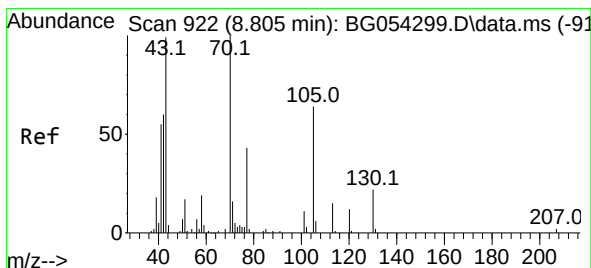
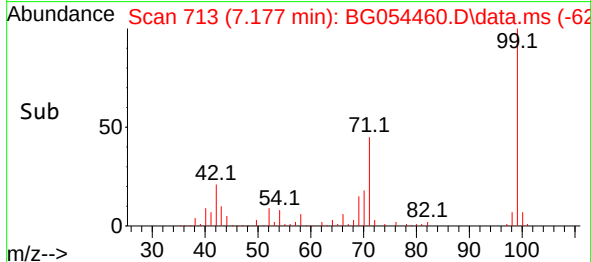
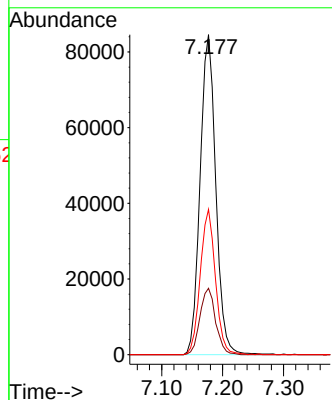
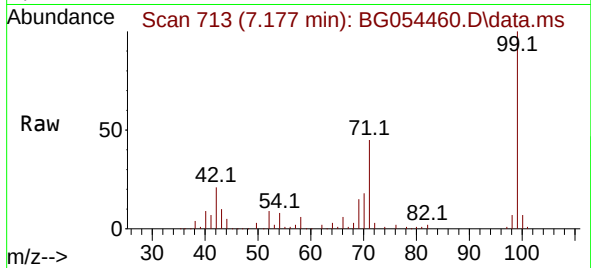




#7
Phenol-d6
Concen: 133.804 ng
RT: 7.177 min Scan# 71
Delta R.T. 0.005 min
Lab File: BG054460.D
Acq: 1 Aug 2022 11:46

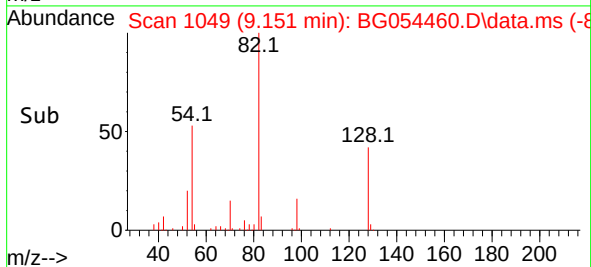
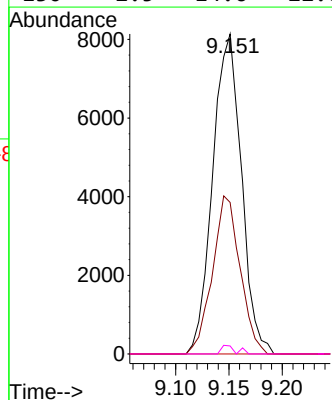
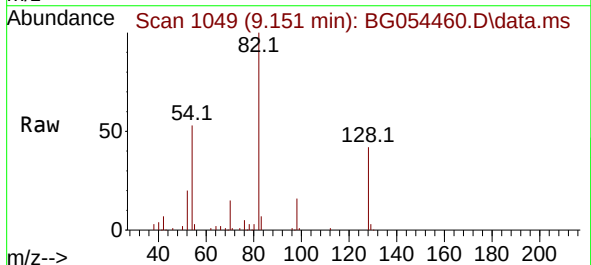
Instrument :
BNA_G
ClientSampleId :
PB146613BL

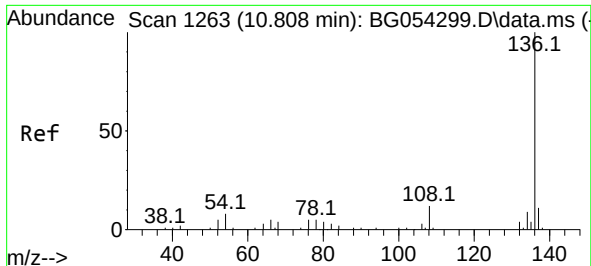
Tgt Ion: 99 Resp: 151277
Ion Ratio Lower Upper
99 100
42 20.8 17.0 25.6
71 45.4 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.174 ng
RT: 9.151 min Scan# 1049
Delta R.T. 0.358 min
Lab File: BG054460.D
Acq: 1 Aug 2022 11:46

Tgt Ion: 70 Resp: 15231
Ion Ratio Lower Upper
70 100
42 47.3 47.3 70.9
101 0.0 7.0 10.4#
130 2.5 14.6 22.0#

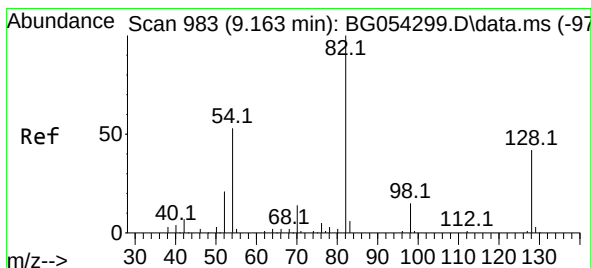
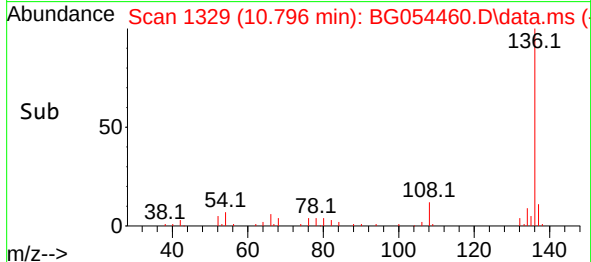
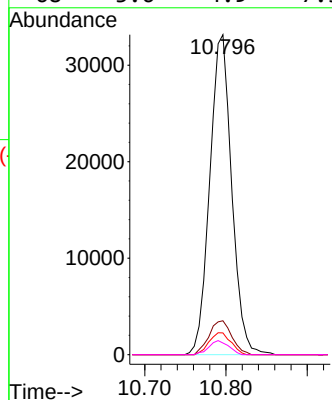
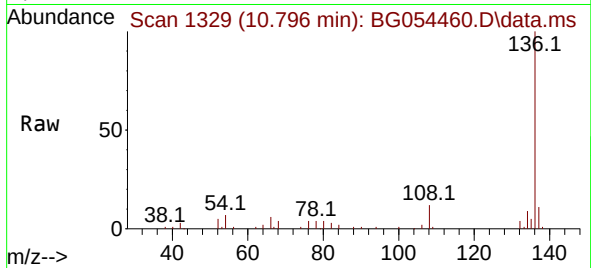




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.796 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG054460.D
Acq: 1 Aug 2022 11:46

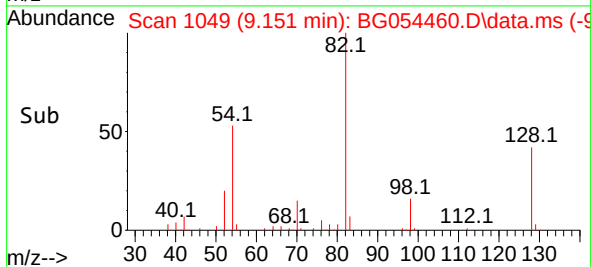
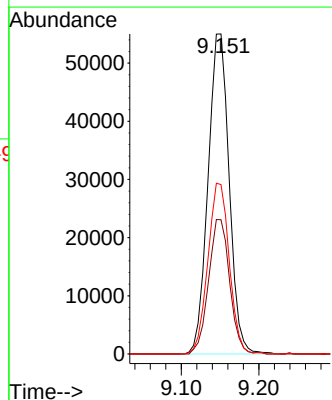
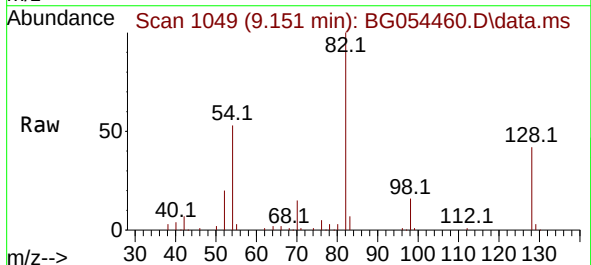
Instrument :
BNA_G
ClientSampleId :
PB146613BL

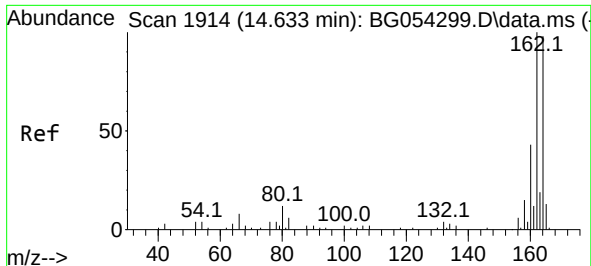
Tgt Ion:136 Resp: 62077
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 6.8 7.4 11.2#
68 3.6 4.9 7.3#



#23
Nitrobenzene-d5
Concen: 91.279 ng
RT: 9.151 min Scan# 1049
Delta R.T. -0.001 min
Lab File: BG054460.D
Acq: 1 Aug 2022 11:46

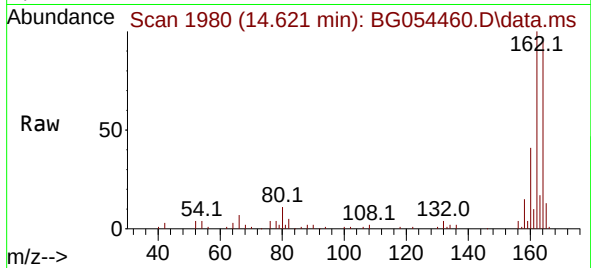
Tgt Ion: 82 Resp: 104051
Ion Ratio Lower Upper
82 100
128 42.0 27.9 41.9#
54 53.0 41.2 61.8



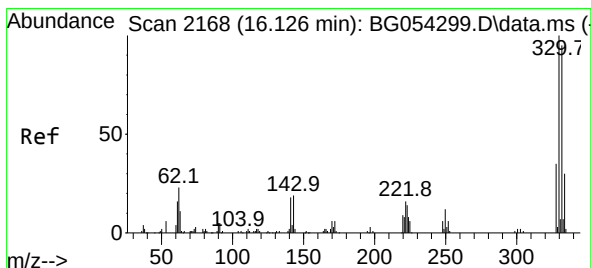
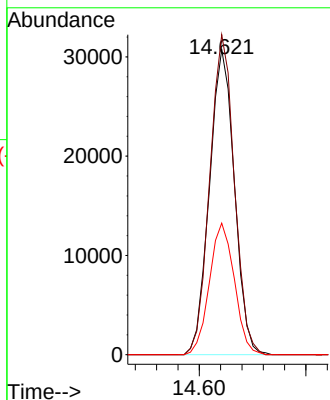
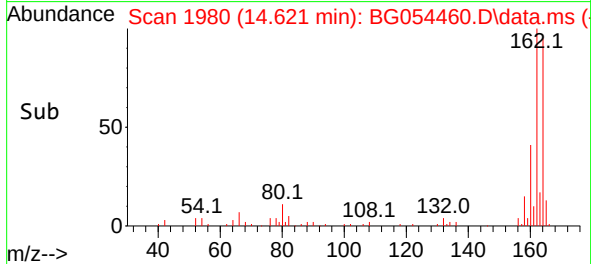


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.621 min Scan# 1914
Delta R.T. -0.001 min
Lab File: BG054460.D
Acq: 1 Aug 2022 11:46

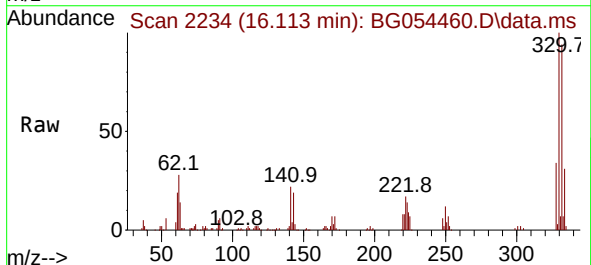
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BNA_G
ClientSampleId :
PB146613BL



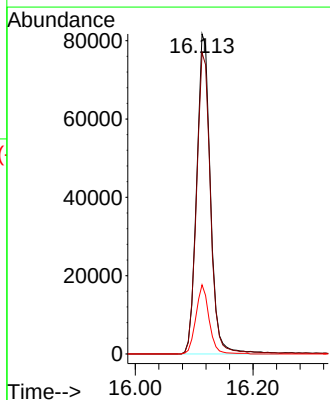
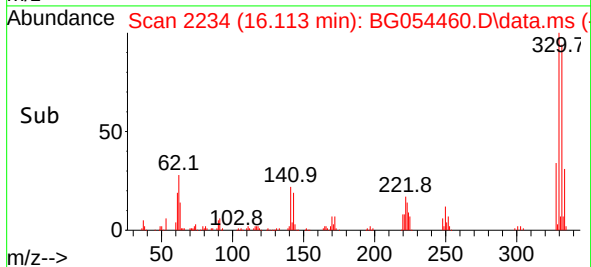
Tgt Ion:164 Resp: 49838
Ion Ratio Lower Upper
164 100
162 104.9 82.3 123.5
160 43.1 34.2 51.2

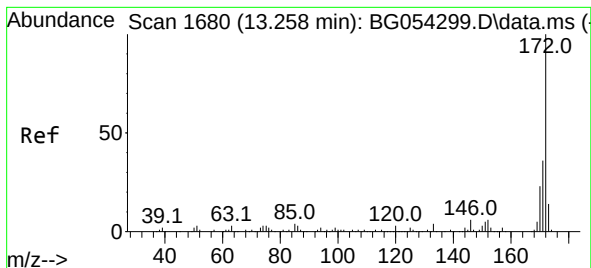


#42
2,4,6-Tribromophenol
Concen: 126.854 ng
RT: 16.113 min Scan# 2234
Delta R.T. -0.001 min
Lab File: BG054460.D
Acq: 1 Aug 2022 11:46



Tgt Ion:330 Resp: 132742
Ion Ratio Lower Upper
330 100
332 96.1 76.0 114.0
141 20.6 27.1 40.7#

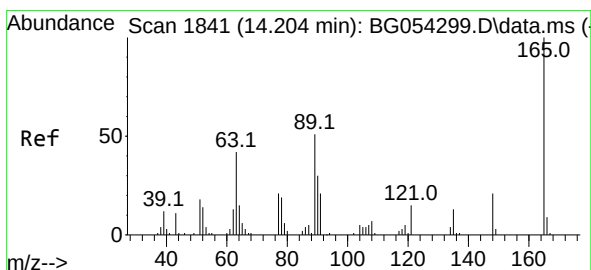
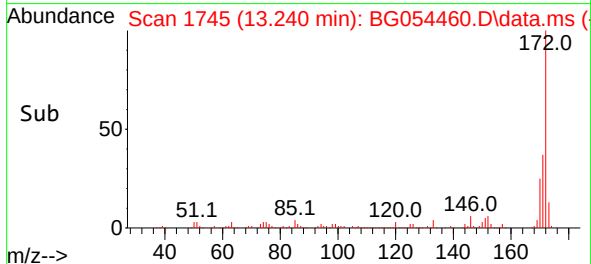
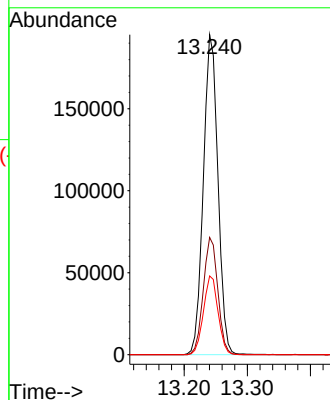
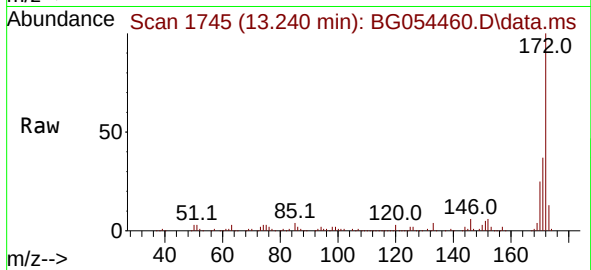




#45
2-Fluorobiphenyl
Concen: 88.357 ng
RT: 13.240 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG054460.D
Acq: 1 Aug 2022 11:46

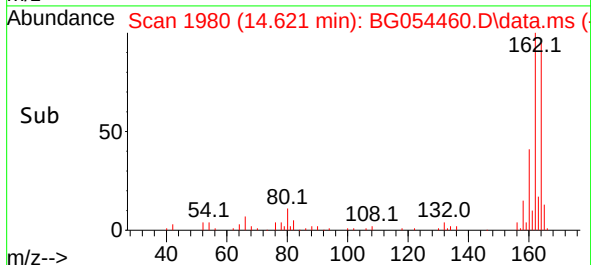
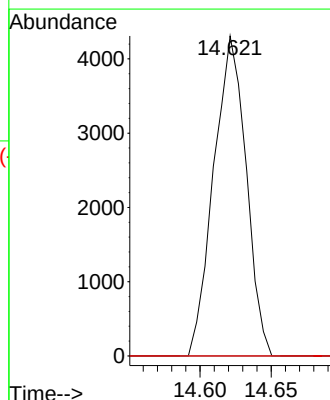
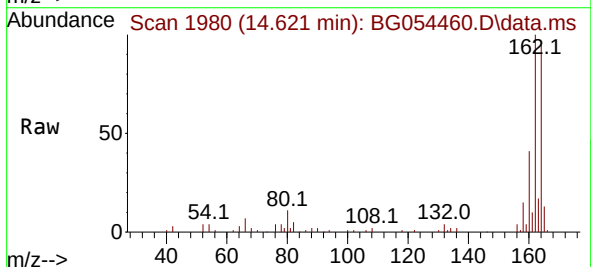
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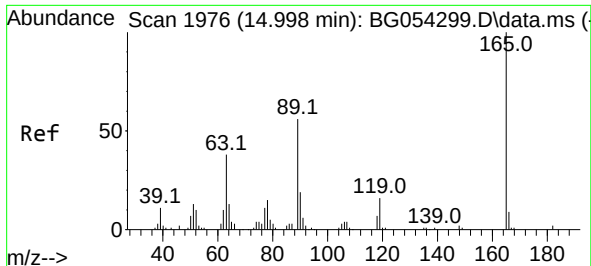
Tgt Ion:172 Resp: 312155
Ion Ratio Lower Upper
172 100
171 36.7 28.5 42.7
170 24.6 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.006 ng
RT: 14.621 min Scan# 1980
Delta R.T. 0.422 min
Lab File: BG054460.D
Acq: 1 Aug 2022 11:46

Tgt Ion:165 Resp: 6836
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

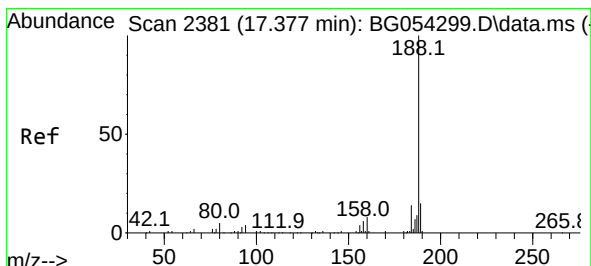
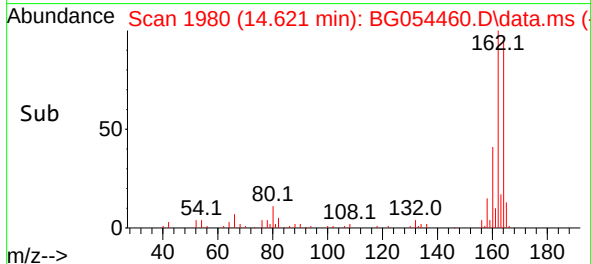
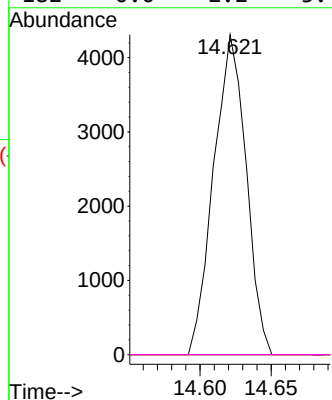
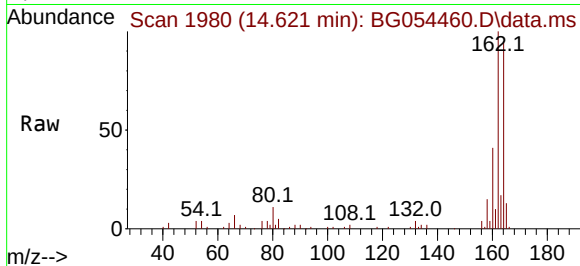




#57
2,4-Dinitrotoluene
Concen: 5.585 ng
RT: 14.621 min Scan# 1976
Delta R.T. -0.371 min
Lab File: BG054460.D
Acq: 1 Aug 2022 11:46

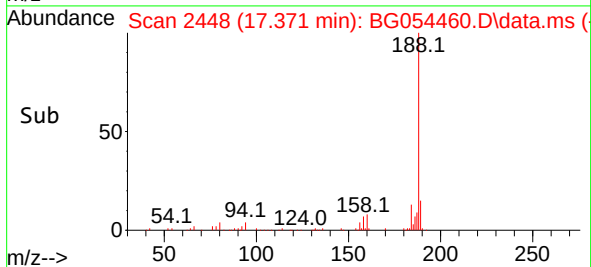
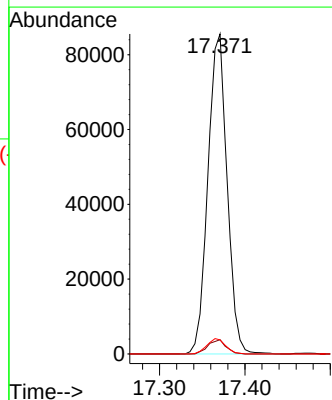
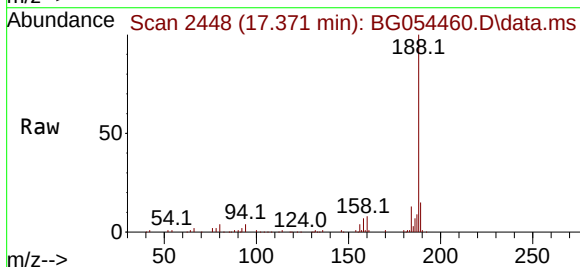
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ClientSampleId :
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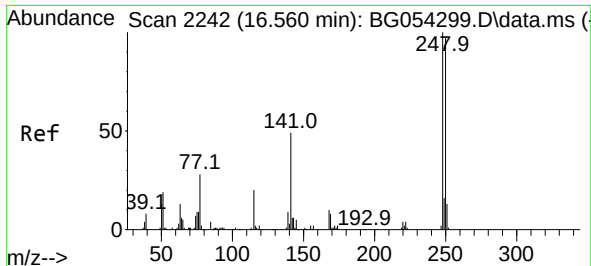
Tgt Ion:165 Resp: 6836
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.371 min Scan# 2448
Delta R.T. -0.001 min
Lab File: BG054460.D
Acq: 1 Aug 2022 11:46

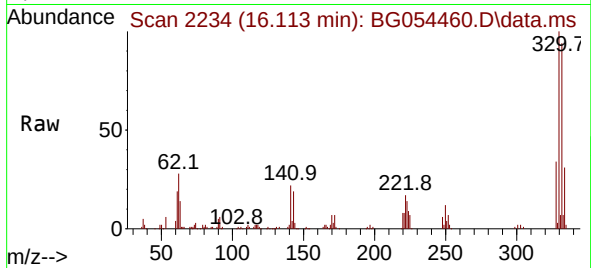
Tgt Ion:188 Resp: 133550
Ion Ratio Lower Upper
188 100
94 4.4 5.4 8.0#
80 4.4 6.8 10.2#



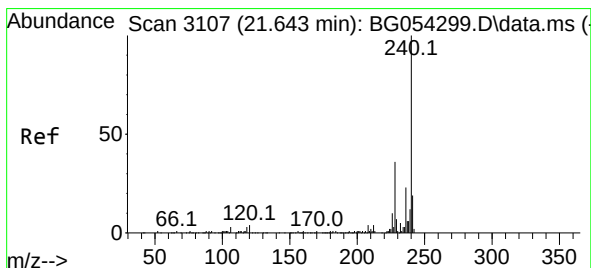
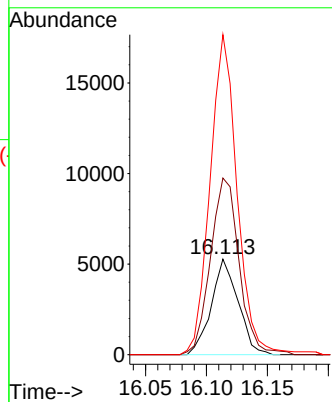
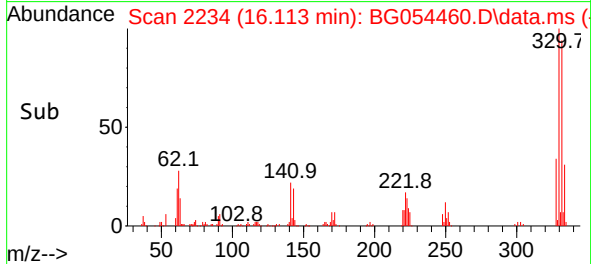


#67
4-Bromophenyl-phenylether
Concen: 4.304 ng
RT: 16.113 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG054460.D
Acq: 1 Aug 2022 11:46

Instrument :
BNA_G
ClientSampleId :
PB146613BL

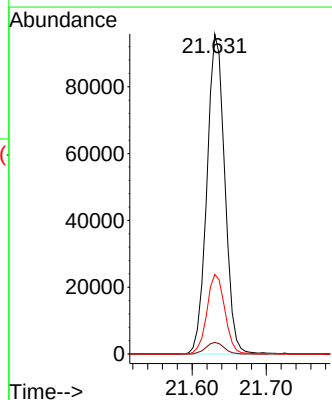
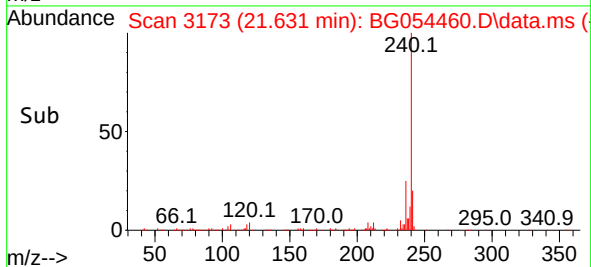
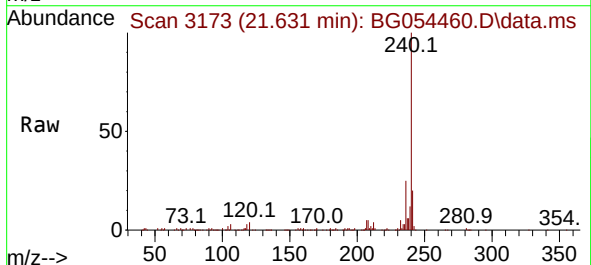


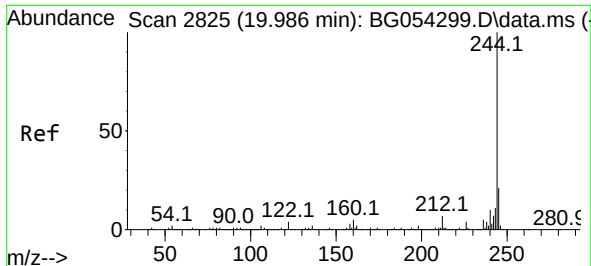
Tgt Ion:248 Resp: 8073
Ion Ratio Lower Upper
248 100
250 241.1 75.2 112.8#
141 335.2 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.631 min Scan# 3173
Delta R.T. -0.007 min
Lab File: BG054460.D
Acq: 1 Aug 2022 11:46

Tgt Ion:240 Resp: 160100
Ion Ratio Lower Upper
240 100
120 3.6 4.6 7.0#
236 24.8 20.2 30.4

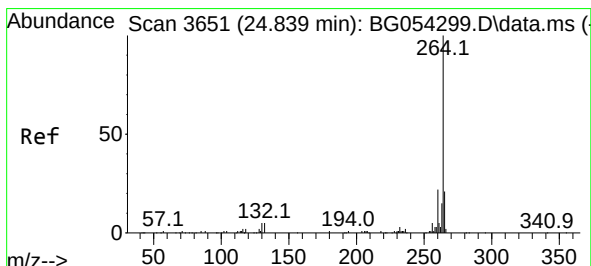
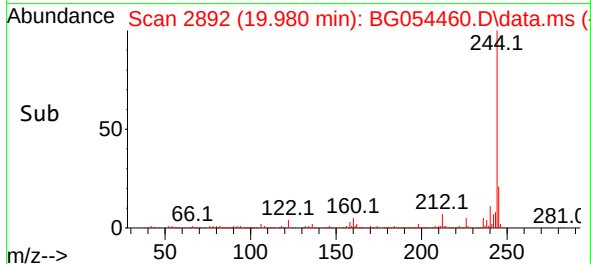
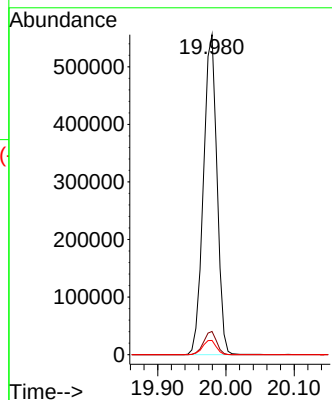
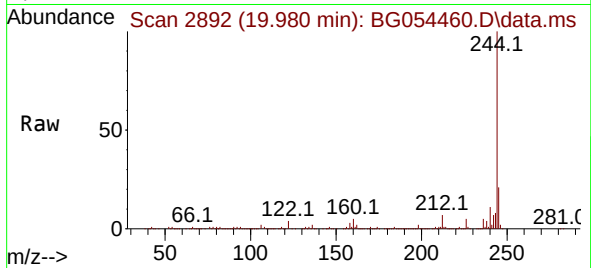




#79
 Terphenyl-d14
 Concen: 95.164 ng
 RT: 19.980 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG054460.D
 Acq: 1 Aug 2022 11:46

Instrument :
 BNA_G
 ClientSampleId :
 PB146613BL

Tgt Ion:244 Resp: 768010
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 4.4 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.833 min Scan# 3718
 Delta R.T. -0.001 min
 Lab File: BG054460.D
 Acq: 1 Aug 2022 11:46

Tgt Ion:264 Resp: 170912
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.6
 265 21.4 17.4 26.2

