

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082222\
 Data File : BG054694.D
 Acq On : 22 Aug 2022 23:45
 Operator : CG/JU
 Sample : PB147118TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147118TB

Quant Time: Aug 23 05:22:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 03:09:46 2022
 Response via : Initial Calibration

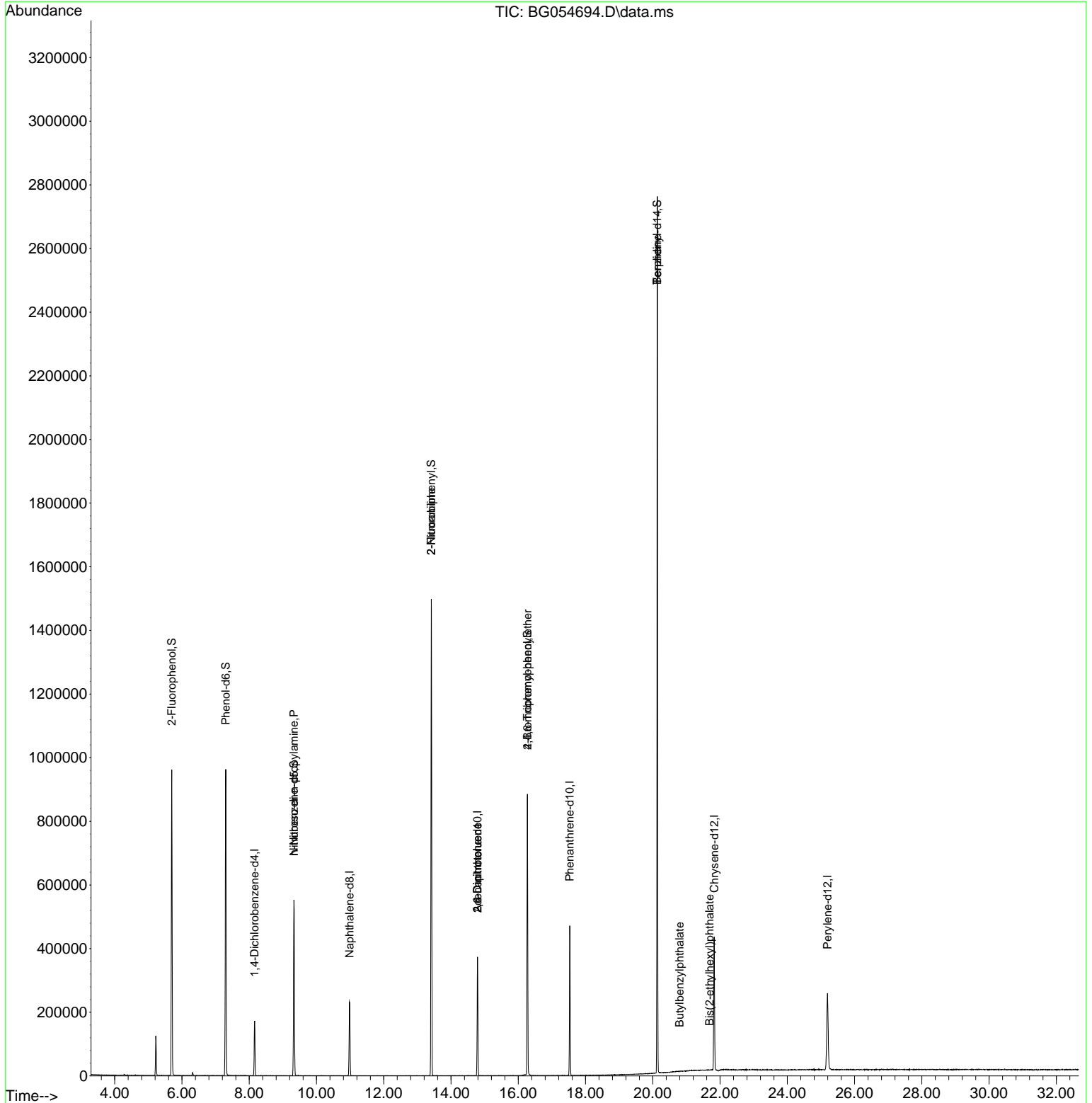
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.159	152	50743	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	209256	20.000	ng	0.00
39) Acenaphthene-d10	14.787	164	130409	20.000	ng	0.00
64) Phenanthrene-d10	17.530	188	294972	20.000	ng	0.00
76) Chrysene-d12	21.825	240	272427	20.000	ng	0.00
86) Perylene-d12	25.192	264	273242	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	439515	163.220	ng	0.00
7) Phenol-d6	7.301	99	575370	152.492	ng	0.00
23) Nitrobenzene-d5	9.328	82	342172	93.187	ng	0.00
42) 2,4,6-Tribromophenol	16.273	330	176506	169.007	ng	0.00
45) 2-Fluorobiphenyl	13.412	172	801284	90.612	ng	0.00
79) Terphenyl-d14	20.133	244	1305083	95.163	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.328	70	42135	15.872	ng	# 82
48) 2-Nitroaniline	13.412	65	1218	4.174	ng	# 1
51) 2,6-Dinitrotoluene	14.787	165	16901	10.582	ng	# 20
57) 2,4-Dinitrotoluene	14.787	165	16901	10.744	ng	# 18
67) 4-Bromophenyl-phenylether	16.273	248	11243	3.960	ng	# 1
77) Benzidine	20.133	184	20977	3.546	ng	# 91
80) Butylbenzylphthalate	20.797	149	54	5.160	ng	# 22
84) Bis(2-ethylhexyl)phtha...	21.684	149	57	4.208	ng	# 53

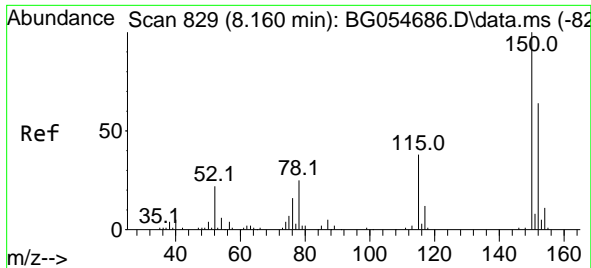
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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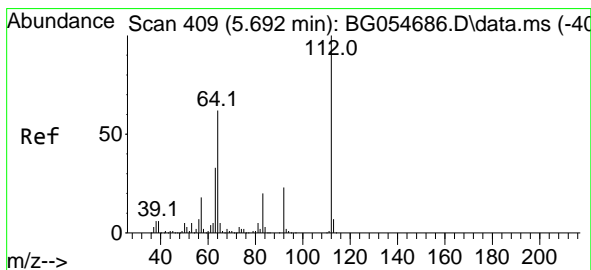
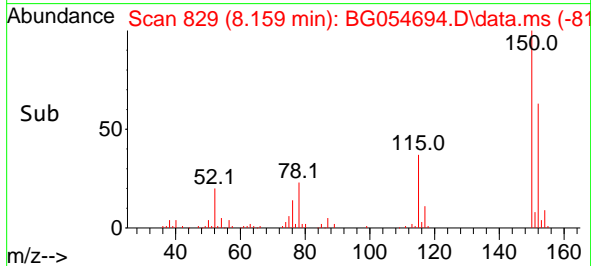
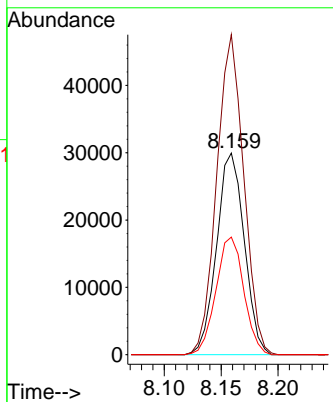
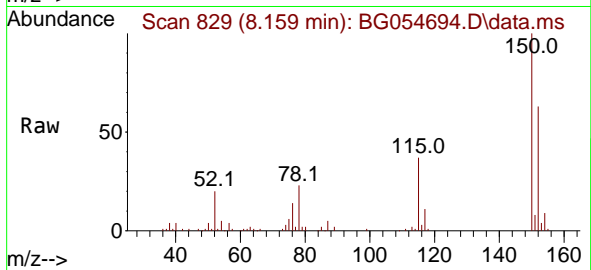




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.159 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BG054694.D
 Acq: 22 Aug 2022 23:45

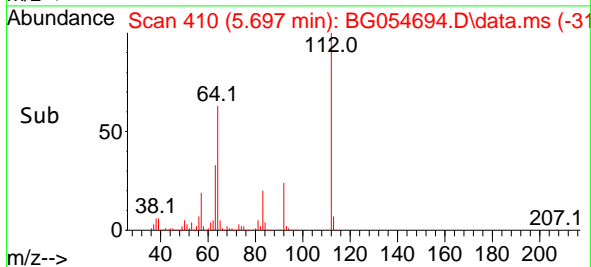
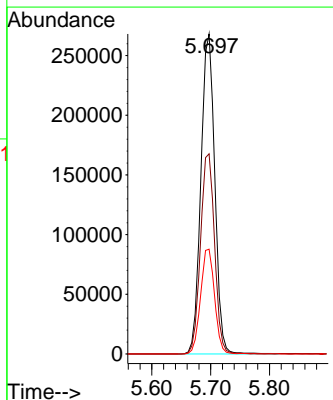
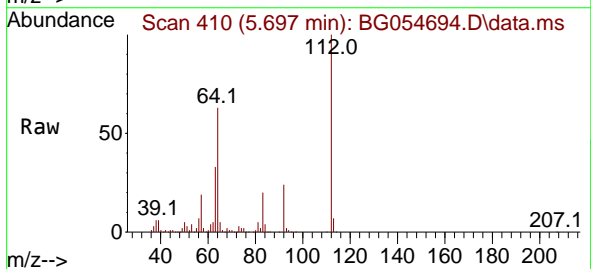
Instrument :
 BNA_G
 ClientSampleId :
 PB147118TB

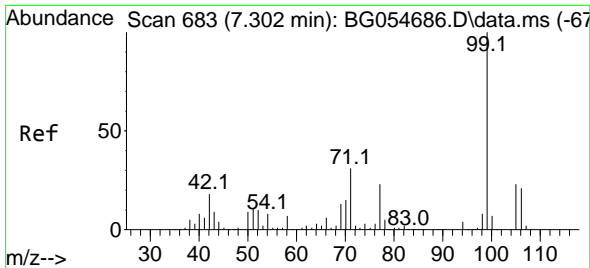
Tgt Ion:152 Resp: 50743
 Ion Ratio Lower Upper
 152 100
 150 158.7 125.2 187.8
 115 58.3 47.9 71.9



#5
 2-Fluorophenol
 Concen: 163.220 ng
 RT: 5.697 min Scan# 410
 Delta R.T. 0.005 min
 Lab File: BG054694.D
 Acq: 22 Aug 2022 23:45

Tgt Ion:112 Resp: 439515
 Ion Ratio Lower Upper
 112 100
 64 62.6 49.3 73.9
 63 32.8 26.3 39.5



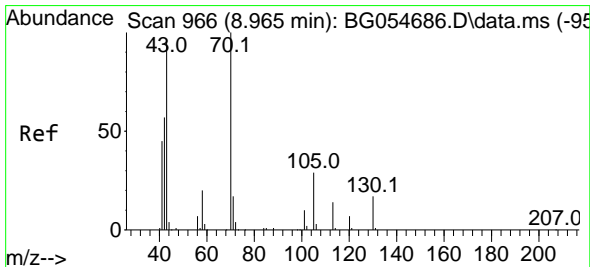
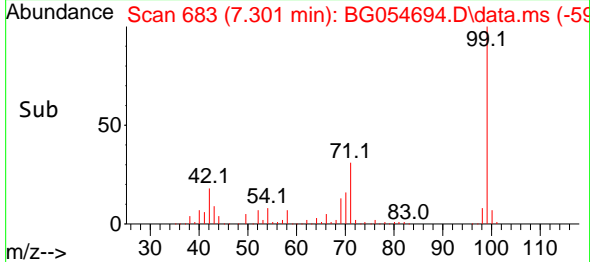
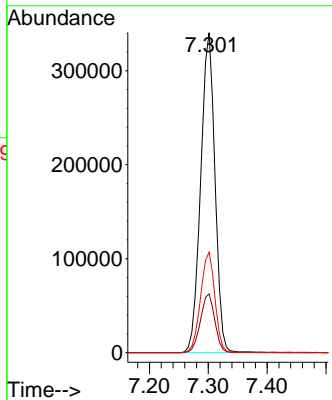
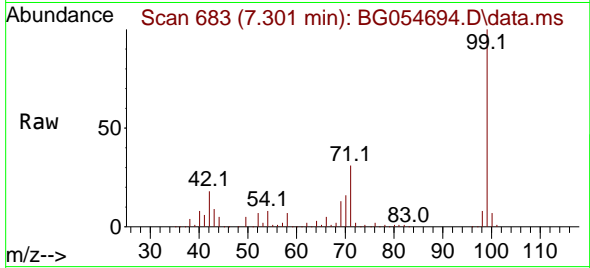


#7
 Phenol-d6
 Concen: 152.492 ng
 RT: 7.301 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BG054694.D
 Acq: 22 Aug 2022 23:45

Instrument :
 BNA_G
 ClientSampleId :
 PB147118TB

Tgt Ion: 99 Resp: 575370

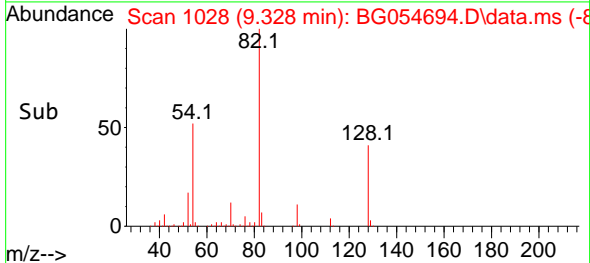
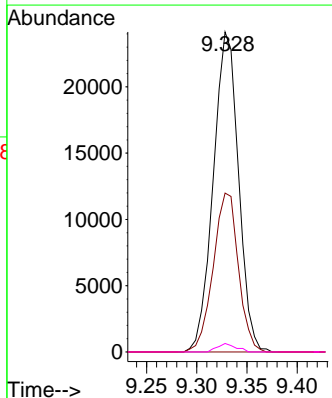
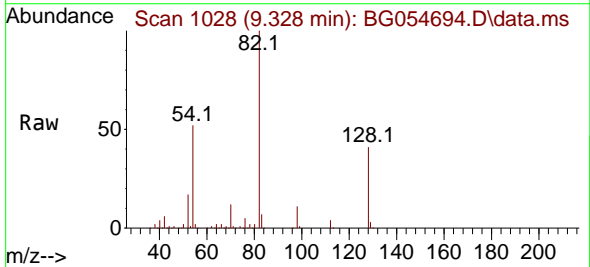
Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.6	22.0
71	31.4	24.6	37.0

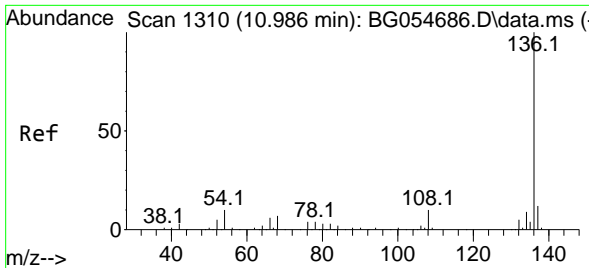


#19
 n-Nitroso-di-n-propylamine
 Concen: 15.872 ng
 RT: 9.328 min Scan# 1028
 Delta R.T. 0.364 min
 Lab File: BG054694.D
 Acq: 22 Aug 2022 23:45

Tgt Ion: 70 Resp: 42135

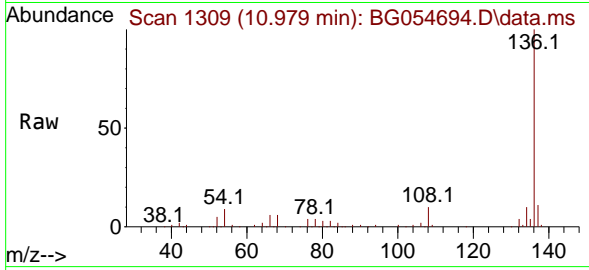
Ion	Ratio	Lower	Upper
70	100		
42	49.7	46.6	69.8
101	0.0	7.7	11.5#
130	2.6	13.9	20.9#





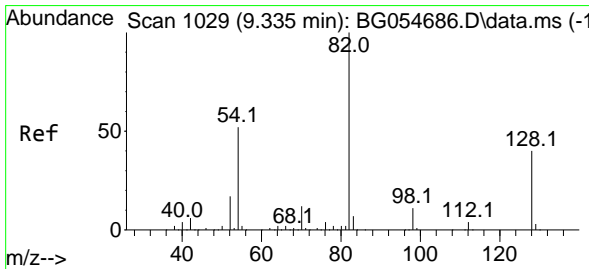
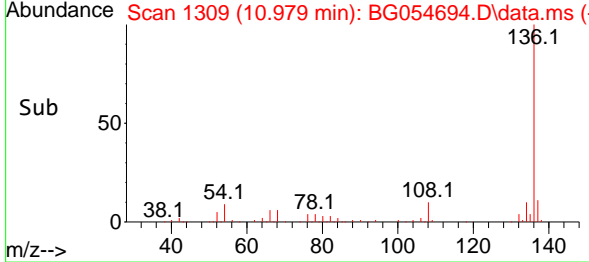
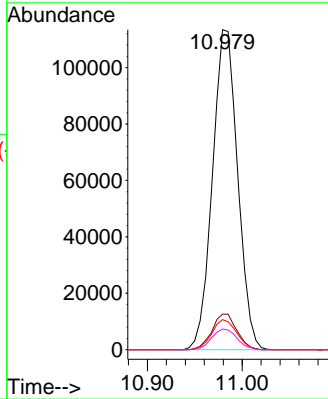
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.979 min Scan# 111
 Delta R.T. -0.007 min
 Lab File: BG054694.D
 Acq: 22 Aug 2022 23:45

Instrument : BNA_G
 ClientSampleId : PB147118TB

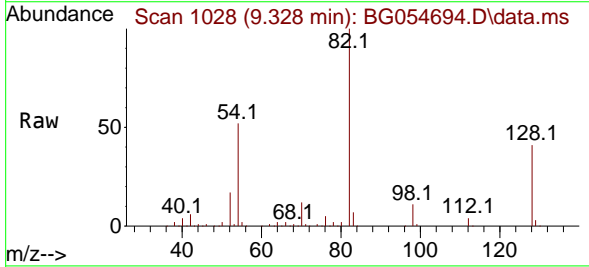


Tgt Ion:136 Resp: 209256

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	9.4	7.7	11.5
68	6.5	5.6	8.4

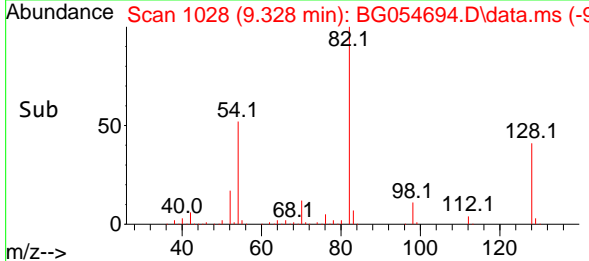
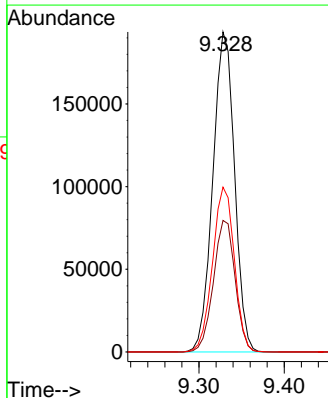


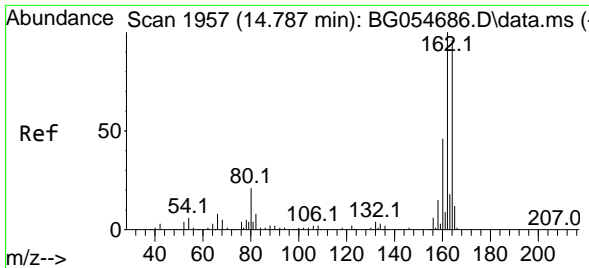
#23
 Nitrobenzene-d5
 Concen: 93.187 ng
 RT: 9.328 min Scan# 1028
 Delta R.T. -0.006 min
 Lab File: BG054694.D
 Acq: 22 Aug 2022 23:45



Tgt Ion: 82 Resp: 342172

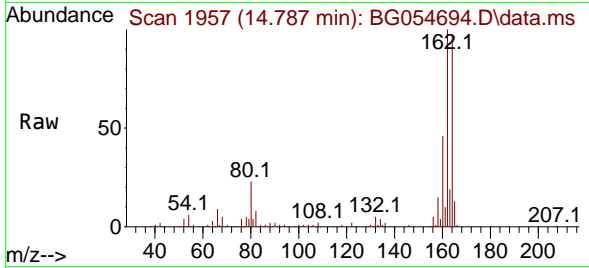
Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.2	48.2
54	51.5	41.4	62.0



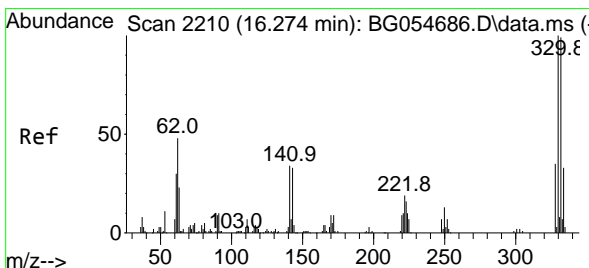
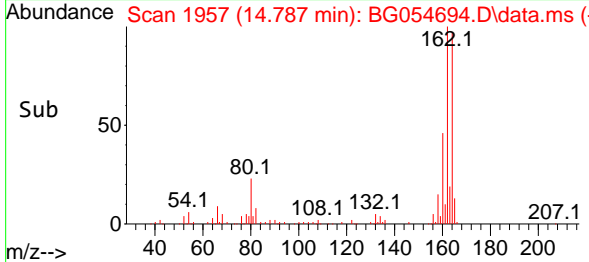
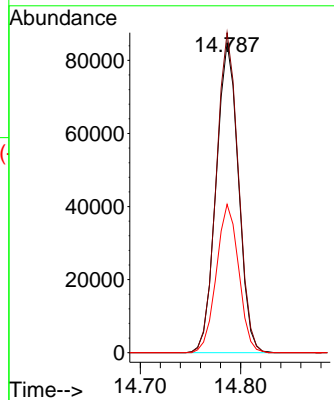


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.787 min Scan# 1957
 Delta R.T. -0.001 min
 Lab File: BG054694.D
 Acq: 22 Aug 2022 23:45

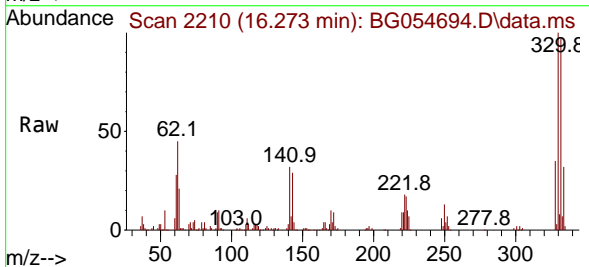
Instrument :
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 ClientSampleId :
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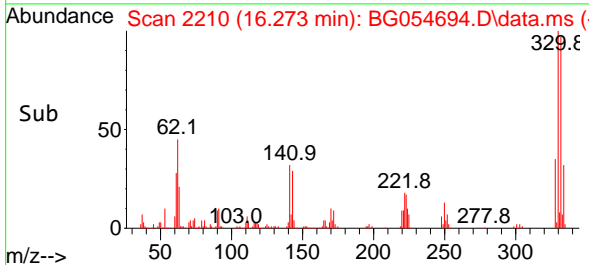
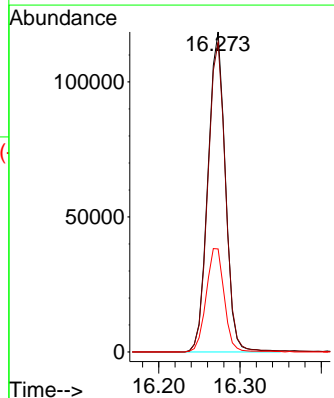
Tgt Ion:164 Resp: 130409
 Ion Ratio Lower Upper
 164 100
 162 103.3 83.0 124.4
 160 47.9 38.0 57.0

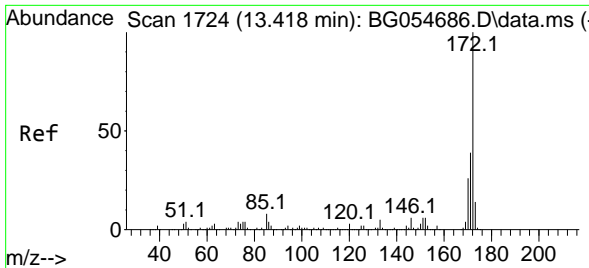


#42
 2,4,6-Tribromophenol
 Concen: 169.007 ng
 RT: 16.273 min Scan# 2210
 Delta R.T. -0.001 min
 Lab File: BG054694.D
 Acq: 22 Aug 2022 23:45



Tgt Ion:330 Resp: 176506
 Ion Ratio Lower Upper
 330 100
 332 98.2 79.8 119.6
 141 33.6 26.8 40.2



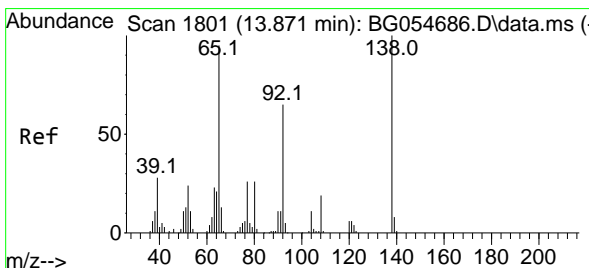
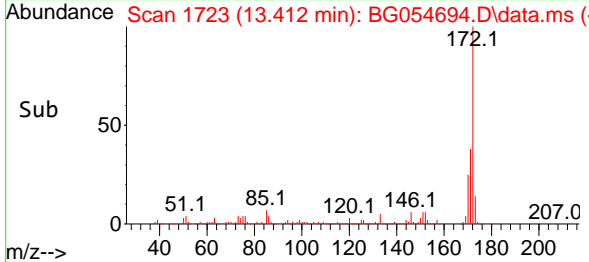
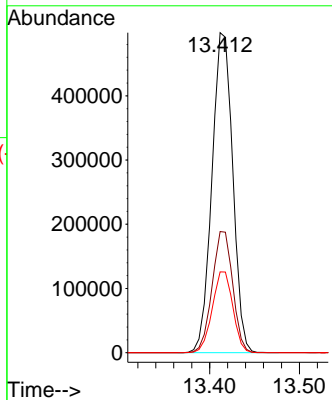
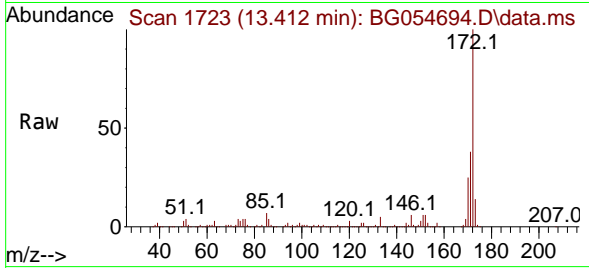


#45
 2-Fluorobiphenyl
 Concen: 90.612 ng
 RT: 13.412 min Scan# 1723
 Delta R.T. -0.006 min
 Lab File: BG054694.D
 Acq: 22 Aug 2022 23:45

Instrument :
 BNA_G
 ClientSampleId :
 PB147118TB

Tgt Ion:172 Resp: 801284

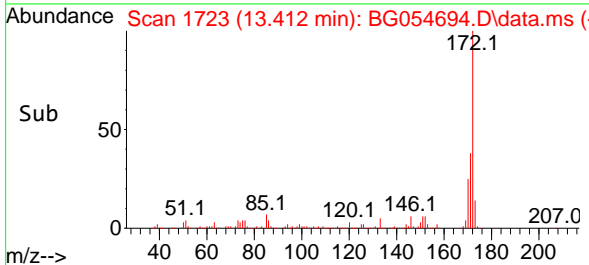
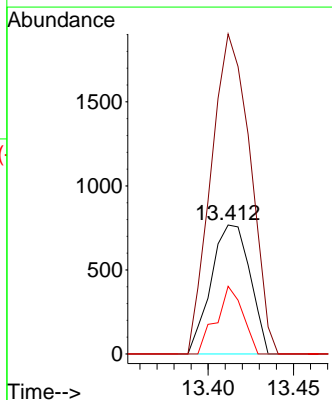
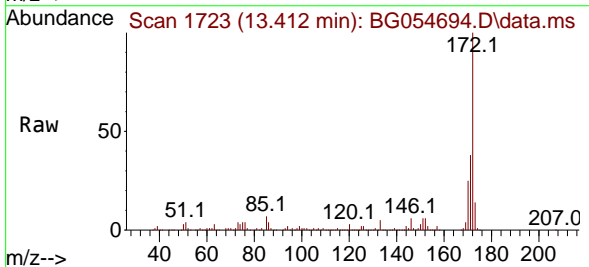
Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.2	46.8
170	25.3	20.6	30.8

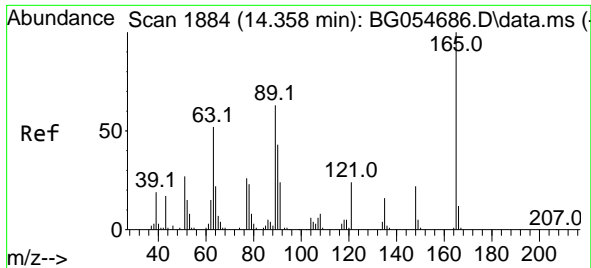


#48
 2-Nitroaniline
 Concen: 4.174 ng
 RT: 13.412 min Scan# 1723
 Delta R.T. -0.459 min
 Lab File: BG054694.D
 Acq: 22 Aug 2022 23:45

Tgt Ion: 65 Resp: 1218

Ion	Ratio	Lower	Upper
65	100		
92	248.2	54.7	82.1#
138	52.5	84.1	126.1#



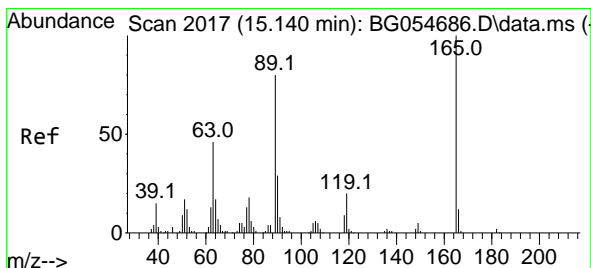
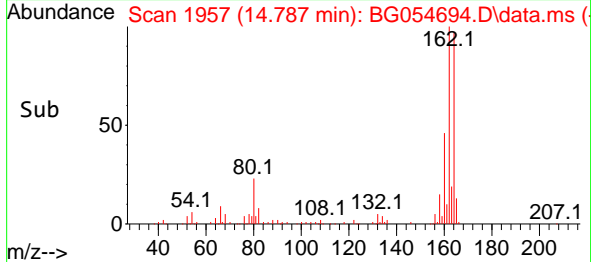
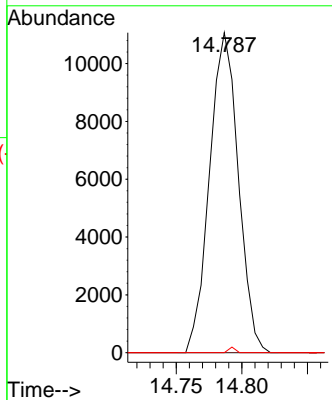
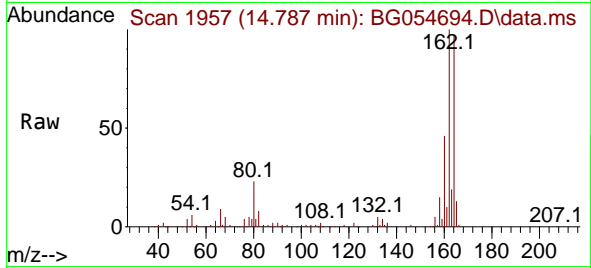


#51
 2,6-Dinitrotoluene
 Concen: 10.582 ng
 RT: 14.787 min Scan# 1957
 Delta R.T. 0.428 min
 Lab File: BG054694.D
 Acq: 22 Aug 2022 23:45

Instrument :
 BNA_G
 ClientSampleId :
 PB147118TB

Tgt Ion:165 Resp: 16901

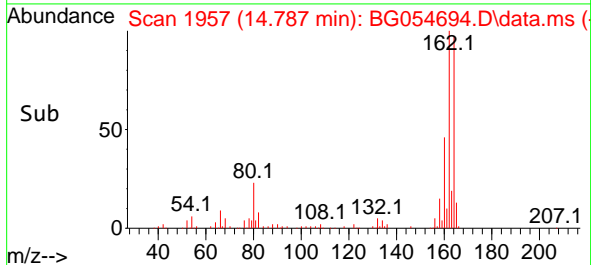
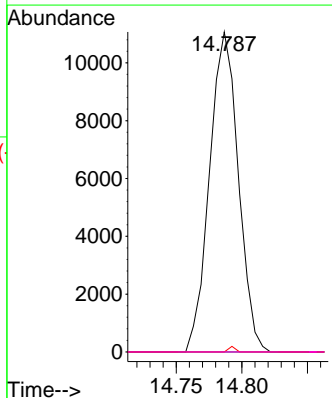
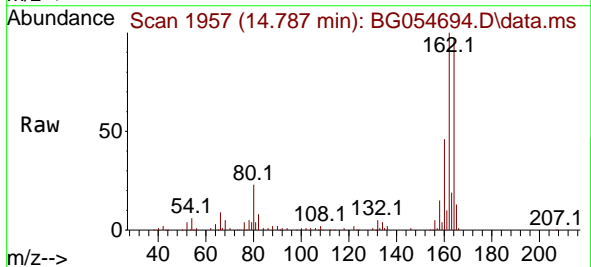
Ion	Ratio	Lower	Upper
165	100		
63	0.0	46.0	69.0#
89	0.0	50.3	75.5#

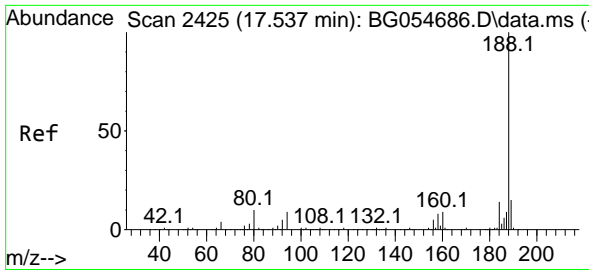


#57
 2,4-Dinitrotoluene
 Concen: 10.744 ng
 RT: 14.787 min Scan# 1957
 Delta R.T. -0.354 min
 Lab File: BG054694.D
 Acq: 22 Aug 2022 23:45

Tgt Ion:165 Resp: 16901

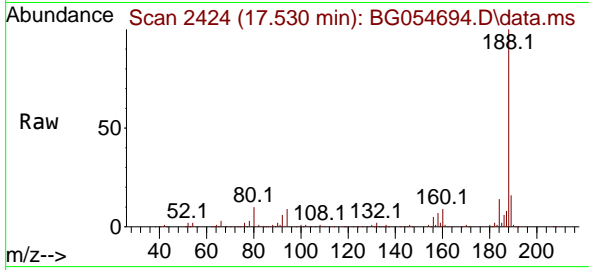
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.8	55.2#
89	0.0	64.3	96.5#
182	0.0	1.8	2.6#



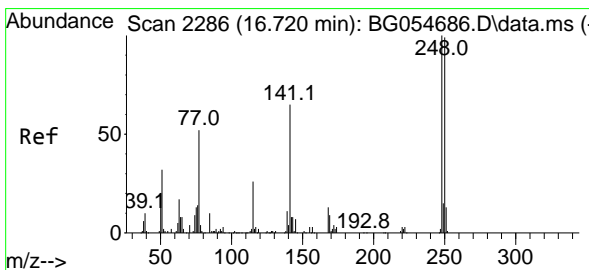
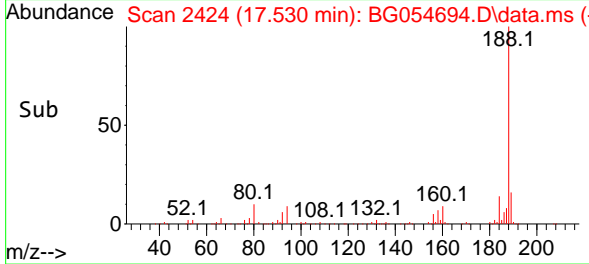
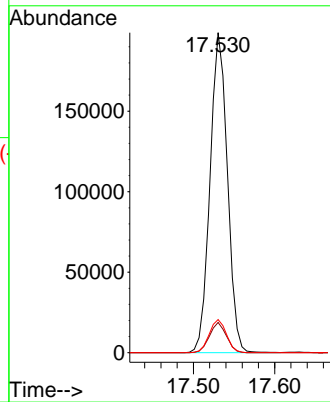


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.530 min Scan# 24
 Delta R.T. -0.007 min
 Lab File: BG054694.D
 Acq: 22 Aug 2022 23:45

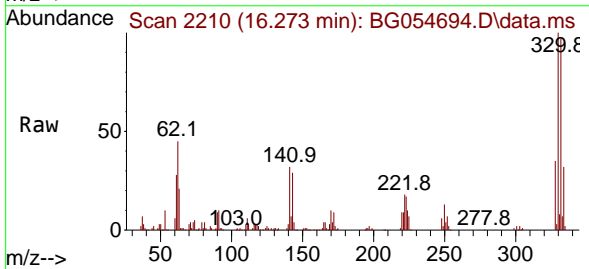
Instrument :
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 ClientSampleId :
 PB147118TB



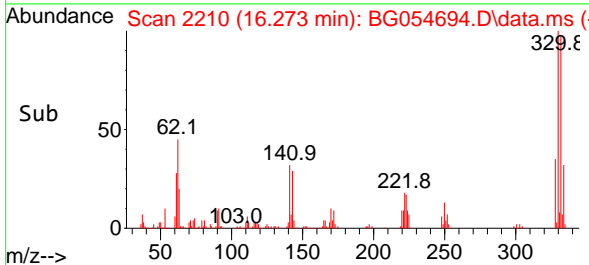
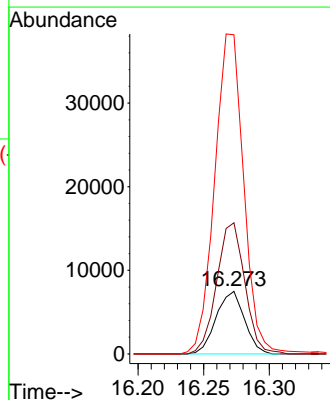
Tgt Ion:188 Resp: 294972
 Ion Ratio Lower Upper
 188 100
 94 9.4 7.0 10.4
 80 10.4 7.9 11.9

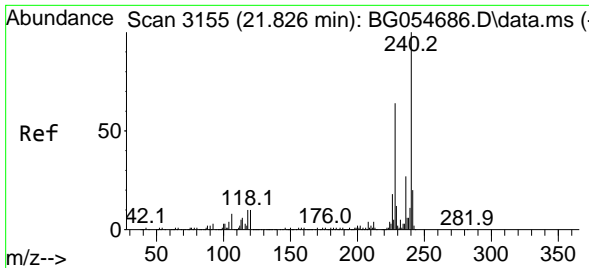


#67
 4-Bromophenyl-phenylether
 Concen: 3.960 ng
 RT: 16.273 min Scan# 2210
 Delta R.T. -0.447 min
 Lab File: BG054694.D
 Acq: 22 Aug 2022 23:45



Tgt Ion:248 Resp: 11243
 Ion Ratio Lower Upper
 248 100
 250 209.6 78.8 118.2#
 141 509.5 51.9 77.9#



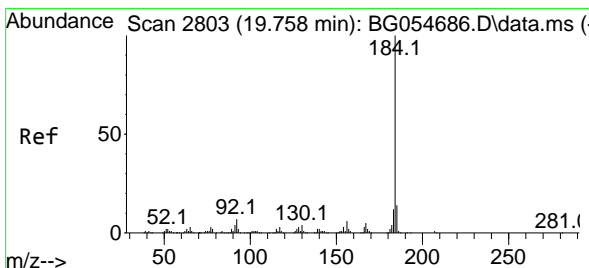
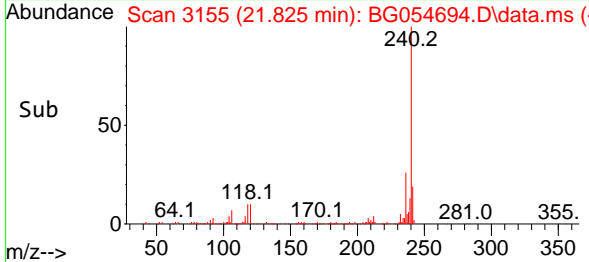
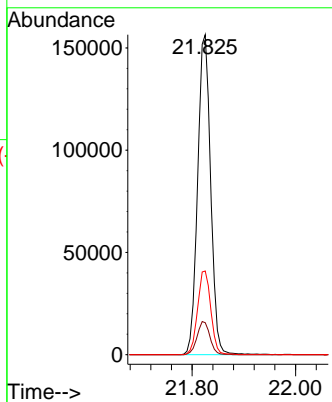
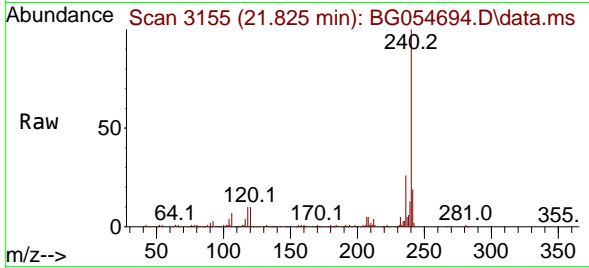


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.825 min Scan# 31
 Delta R.T. -0.001 min
 Lab File: BG054694.D
 Acq: 22 Aug 2022 23:45

Instrument :
 BNA_G
 ClientSampleId :
 PB147118TB

Tgt Ion:240 Resp: 272427

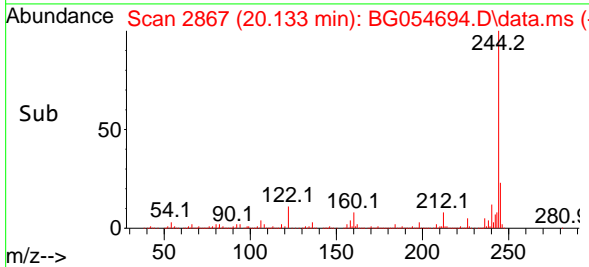
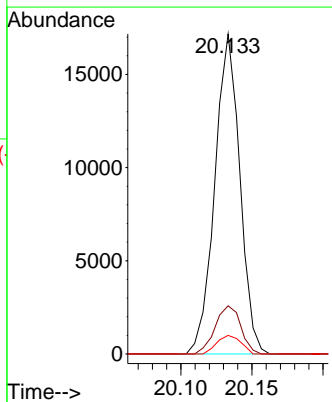
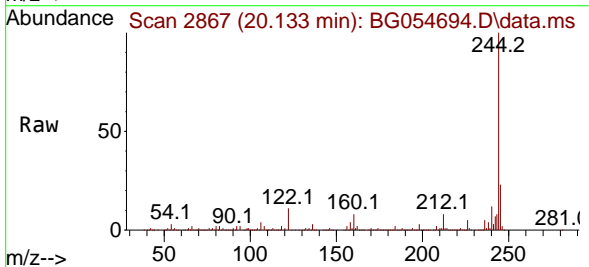
Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.2	12.4
236	26.2	21.2	31.8

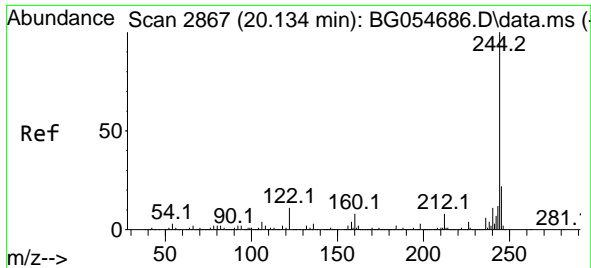


#77
 Benzdine
 Concen: 3.546 ng
 RT: 20.133 min Scan# 2867
 Delta R.T. 0.375 min
 Lab File: BG054694.D
 Acq: 22 Aug 2022 23:45

Tgt Ion:184 Resp: 20977

Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.4	17.0
183	5.8	9.8	14.8



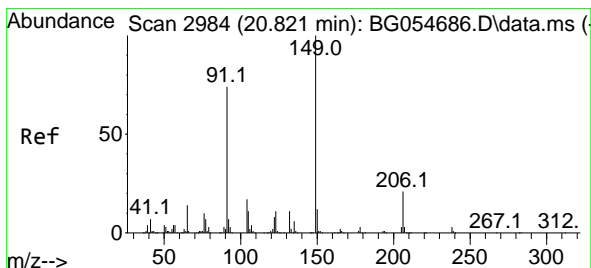
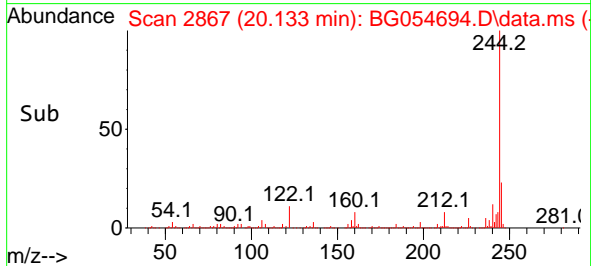
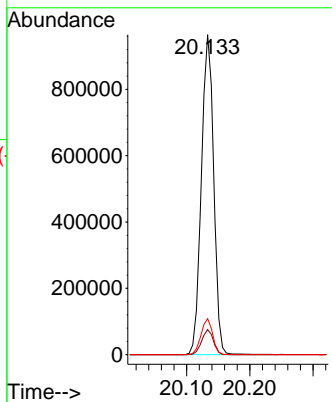
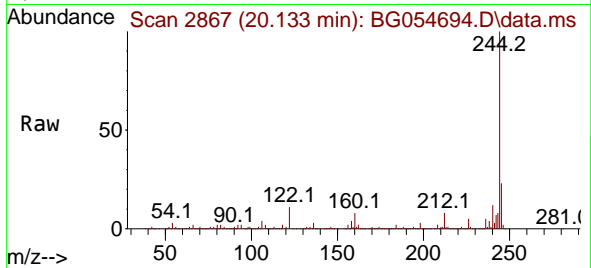


#79
 Terphenyl-d14
 Concen: 95.163 ng
 RT: 20.133 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG054694.D
 Acq: 22 Aug 2022 23:45

Instrument : BNA_G
 ClientSampleId : PB147118TB

Tgt Ion:244 Resp: 1305083

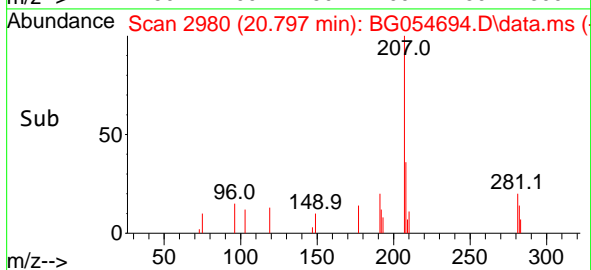
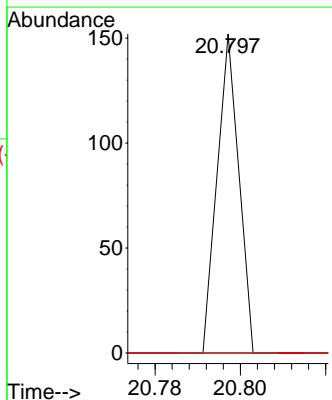
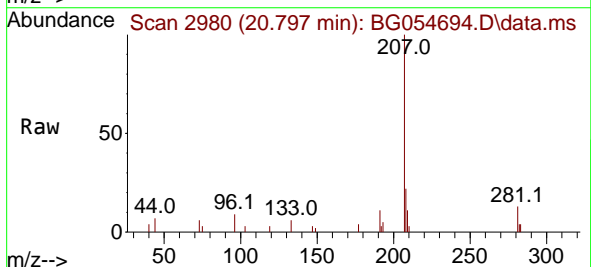
Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	11.3	9.0	13.6

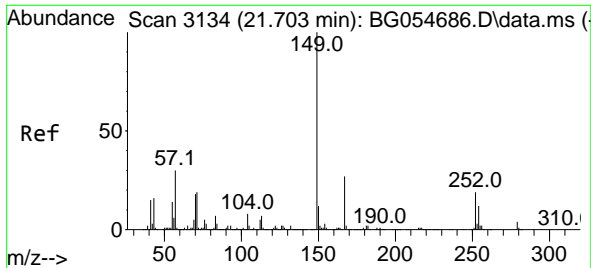


#80
 Butylbenzylphthalate
 Concen: 5.160 ng
 RT: 20.797 min Scan# 2980
 Delta R.T. -0.024 min
 Lab File: BG054694.D
 Acq: 22 Aug 2022 23:45

Tgt Ion:149 Resp: 54

Ion	Ratio	Lower	Upper
149	100		
91	0.0	59.5	89.3#
206	0.0	16.6	25.0#

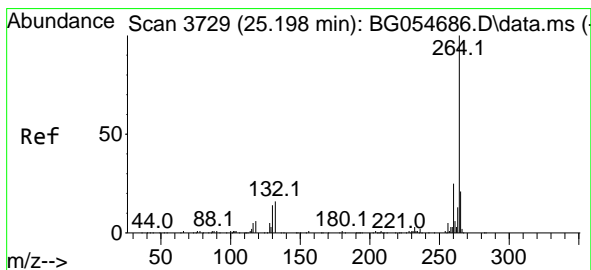
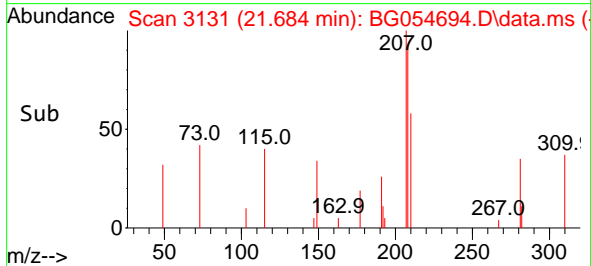
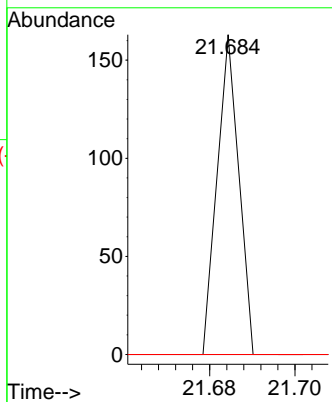
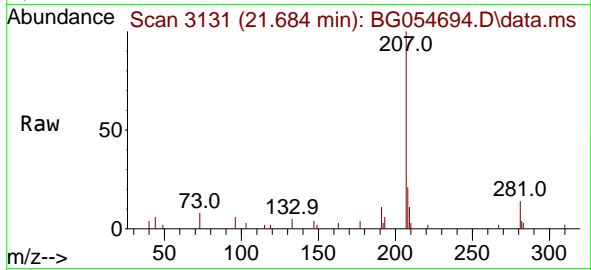




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.208 ng
 RT: 21.684 min Scan# 3131
 Delta R.T. -0.019 min
 Lab File: BG054694.D
 Acq: 22 Aug 2022 23:45

Instrument : BNA_G
 ClientSampleId : PB147118TB

Tgt Ion	Resp	Lower	Upper
149	100		
167	0.0	21.4	32.0#
279	0.0	3.1	4.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.192 min Scan# 3728
 Delta R.T. -0.006 min
 Lab File: BG054694.D
 Acq: 22 Aug 2022 23:45

Tgt Ion	Resp	Lower	Upper
264	100		
260	24.2	19.9	29.9
265	21.2	16.9	25.3

