

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
 Data File : BG049854.D
 Acq On : 16 Aug 2021 17:31
 Operator : CG/JU
 Sample : PB138414BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB138414BL

Quant Time: Aug 16 18:23:59 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 16 18:23:02 2021
 Response via : Initial Calibration

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

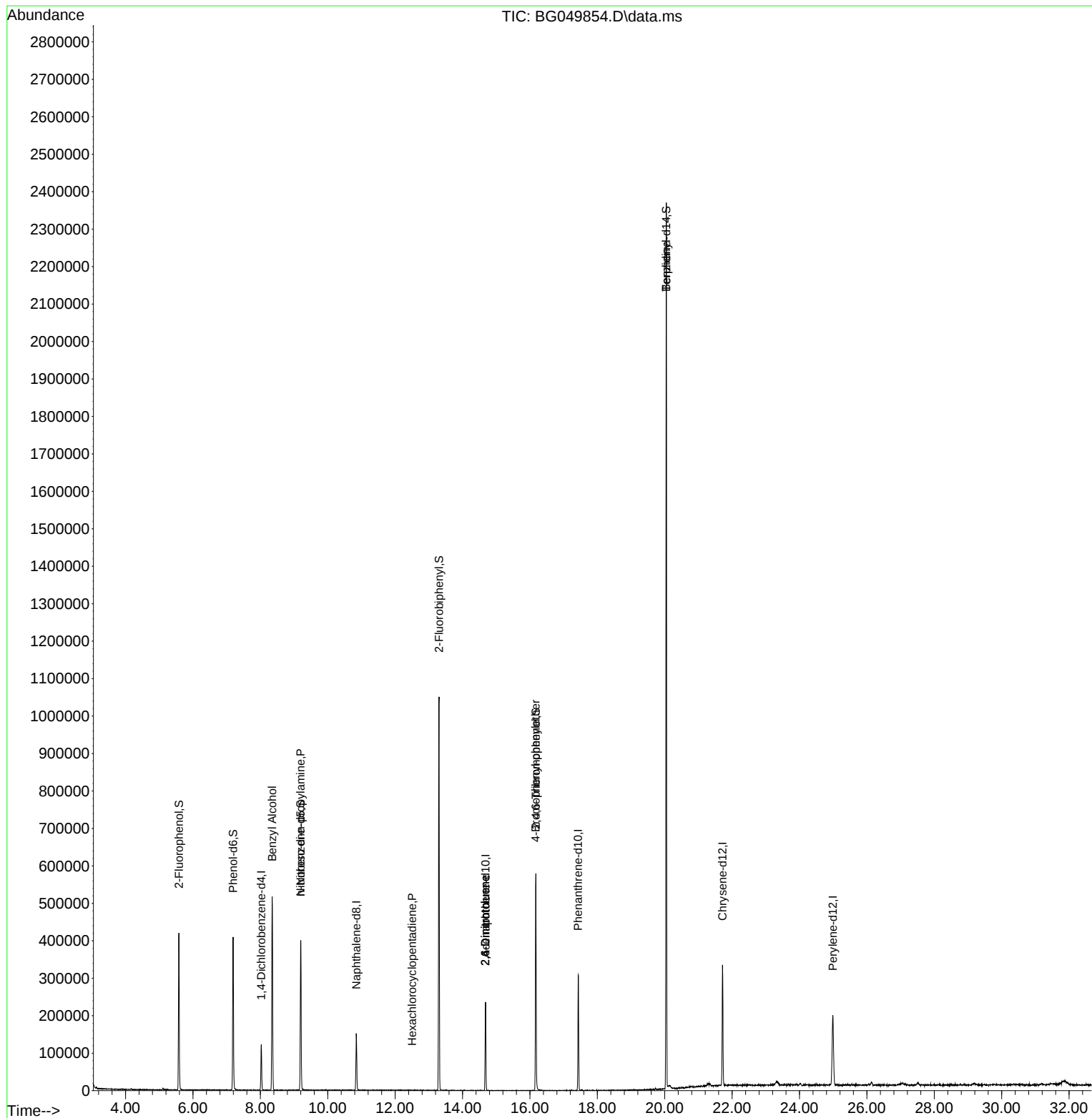
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	31273	20.000	ng	0.00
21) Naphthalene-d8	10.847	136	123088	20.000	ng	# 0.00
39) Acenaphthene-d10	14.683	164	86617	20.000	ng	0.00
64) Phenanthrene-d10	17.433	188	198110	20.000	ng	# 0.00
76) Chrysene-d12	21.715	240	204534	20.000	ng	0.00
86) Perylene-d12	24.987	264	199647	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.584	112	173621	99.522	ng	0.00
7) Phenol-d6	7.193	99	227360	86.095	ng	0.00
23) Nitrobenzene-d5	9.197	82	251897	90.559	ng	0.00
42) 2,4,6-Tribromophenol	16.175	330	121021	95.056	ng	0.00
45) 2-Fluorobiphenyl	13.303	172	548945	92.217	ng	0.00
79) Terphenyl-d14	20.047	244	1105665	98.180	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	8.357	79	4884	2.202	ng	# 65
19) n-Nitroso-di-n-propyla...	9.197	70	38025	21.517	ng	# 69
41) Hexachlorocyclopentadiene	12.504	237	55	3.578	ng	# 31
51) 2,6-Dinitrotoluene	14.677	165	10625	7.384	ng	# 12
57) 2,4-Dinitrotoluene	14.677	165	10625	5.257	ng	# 17
67) 4-Bromophenyl-phenylether	16.170	248	7405	3.174	ng	# 1
77) Benzidine	20.047	184	21144	4.035	ng	# 91

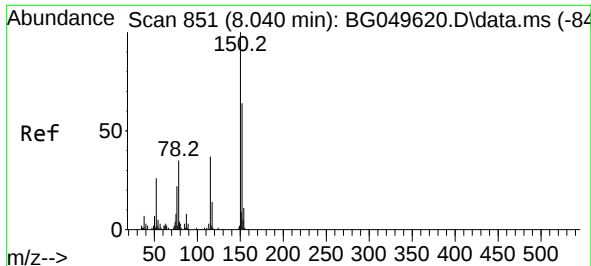
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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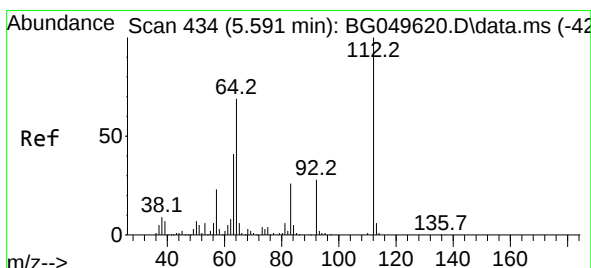
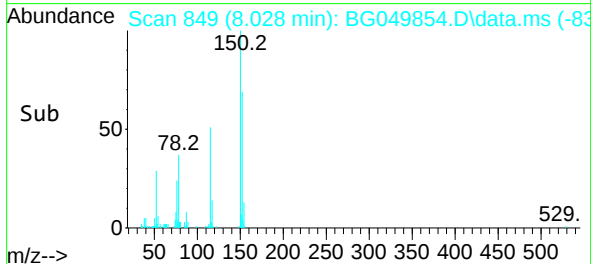
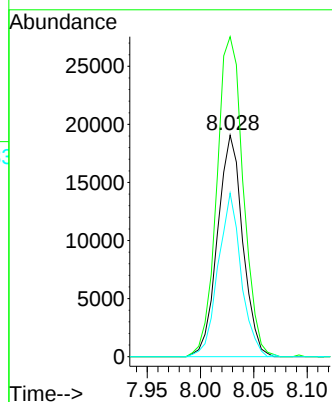
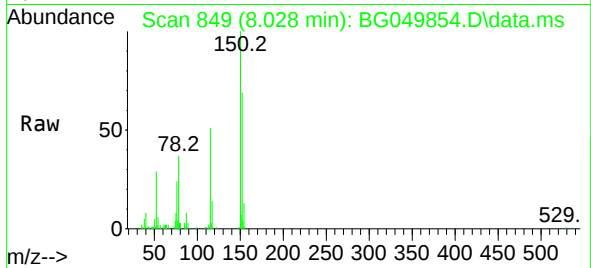




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.028 min Scan# 849
Delta R.T. -0.000 min
Lab File: BG049854.D
Acq: 16 Aug 2021 17:31

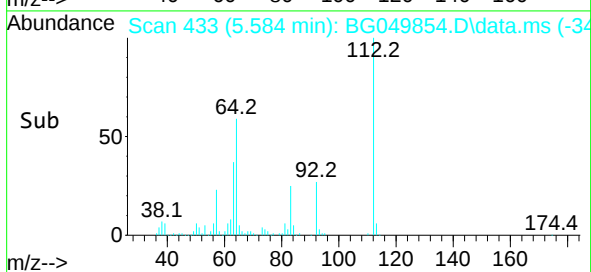
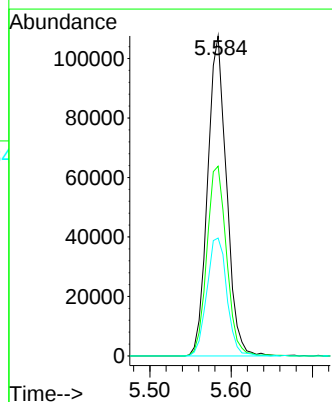
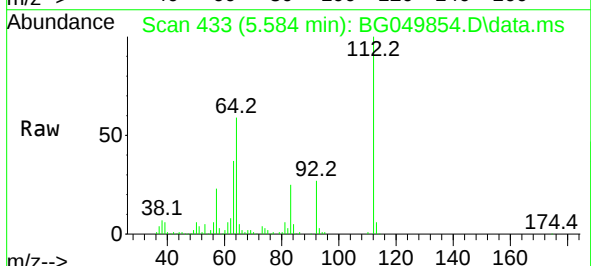
Instrument :
BNA_G
ClientSampleId :
PB138414BL

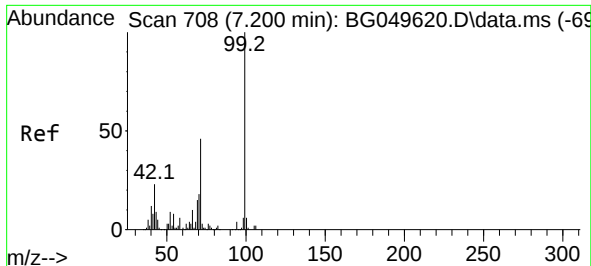
Tgt Ion:152 Resp: 31273
Ion Ratio Lower Upper
152 100
150 144.5 119.4 179.0
115 73.8 60.2 90.4



#5
2-Fluorophenol
Concen: 99.522 ng
RT: 5.584 min Scan# 433
Delta R.T. 0.006 min
Lab File: BG049854.D
Acq: 16 Aug 2021 17:31

Tgt Ion:112 Resp: 173621
Ion Ratio Lower Upper
112 100
64 59.3 46.7 70.1
63 36.8 35.3 52.9

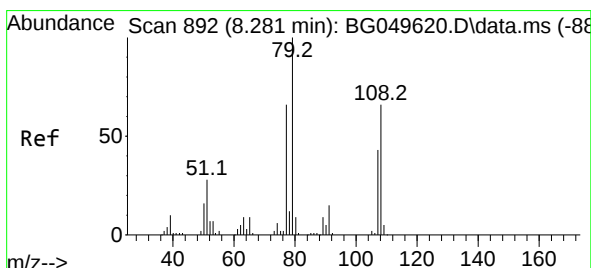
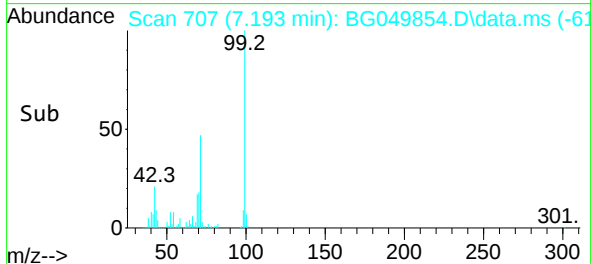
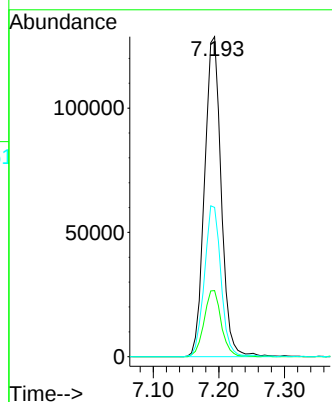
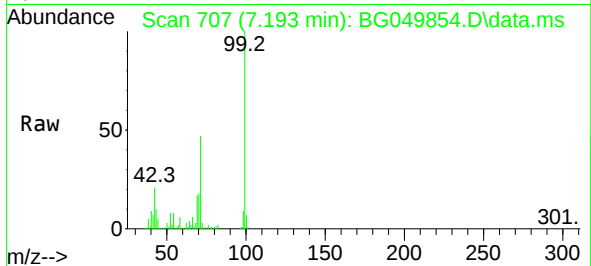




#7
Phenol-d6
Concen: 86.095 ng
RT: 7.193 min Scan# 707
Delta R.T. -0.000 min
Lab File: BG049854.D
Acq: 16 Aug 2021 17:31

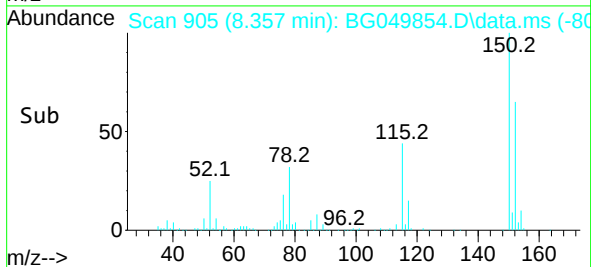
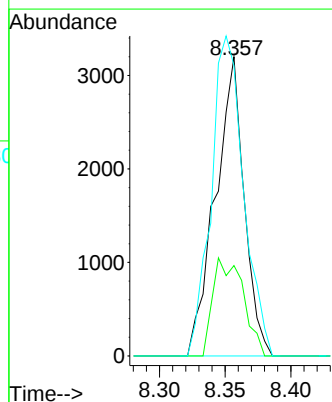
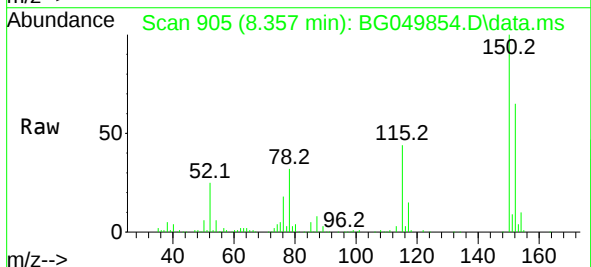
Instrument :
BNA_G
ClientSampleId :
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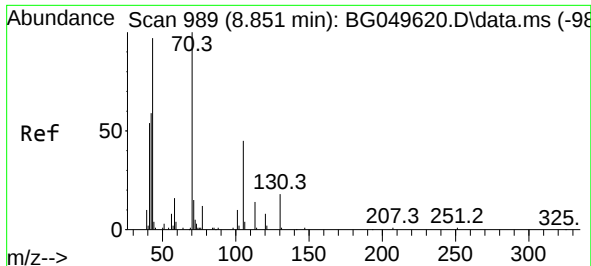
Tgt Ion: 99 Resp: 227360
Ion Ratio Lower Upper
99 100
42 20.7 20.5 30.7
71 46.7 41.5 62.3



#15
Benzyl Alcohol
Concen: 2.202 ng
RT: 8.357 min Scan# 905
Delta R.T. 0.088 min
Lab File: BG049854.D
Acq: 16 Aug 2021 17:31

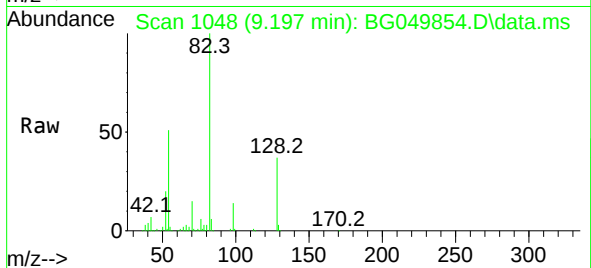
Tgt Ion: 79 Resp: 4884
Ion Ratio Lower Upper
79 100
108 30.2 48.2 72.4#
77 97.1 57.3 85.9#



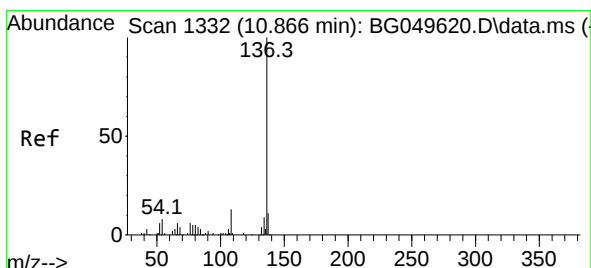
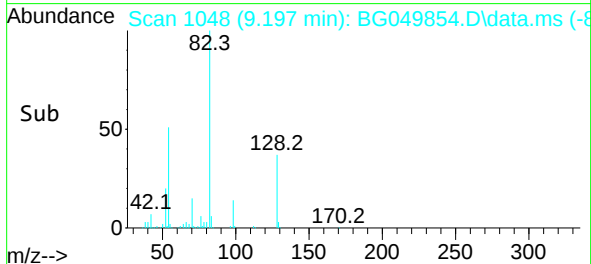
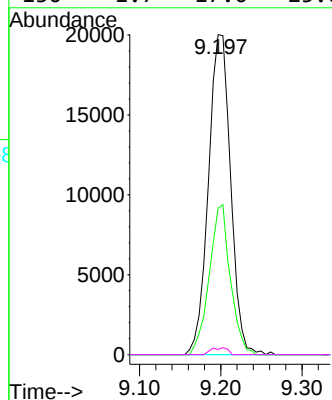


#19
n-Nitroso-di-n-propylamine
Concen: 21.517 ng
RT: 9.197 min Scan# 1048
Delta R.T. 0.358 min
Lab File: BG049854.D
Acq: 16 Aug 2021 17:31

Instrument :
BNA_G
ClientSampleId :
PB138414BL

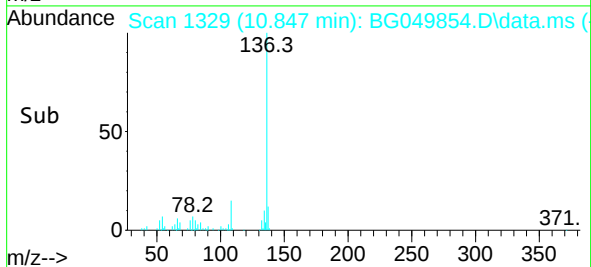
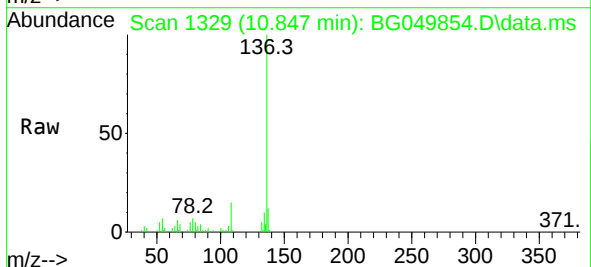
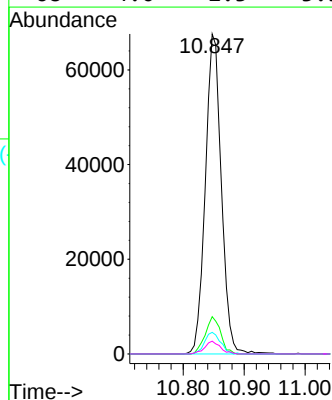


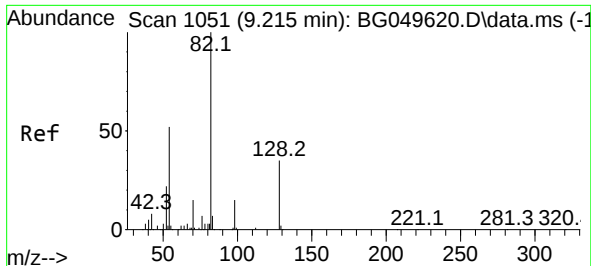
Tgt Ion:	70	Resp:	38025
Ion Ratio	100	Lower	Upper
70	100		
42	45.8	54.5	81.7#
101	0.0	9.0	13.6#
130	1.7	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.847 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BG049854.D
Acq: 16 Aug 2021 17:31

Tgt Ion:	136	Resp:	123088
Ion Ratio	100	Lower	Upper
136	100		
137	11.7	8.2	12.2
54	6.7	5.5	8.3
68	4.0	2.3	3.5#

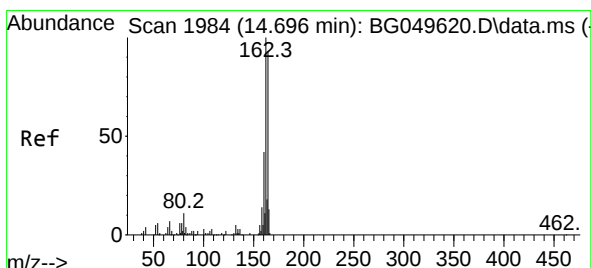
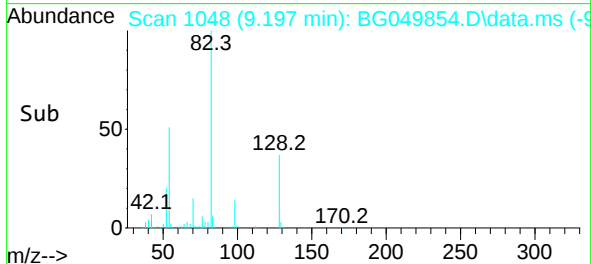
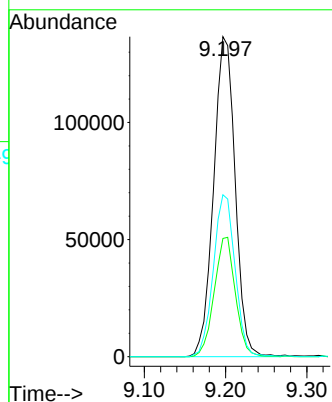
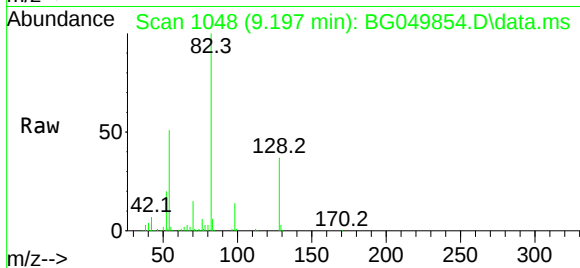




#23
Nitrobenzene-d5
Concen: 90.559 ng
RT: 9.197 min Scan# 1048
Delta R.T. -0.000 min
Lab File: BG049854.D
Acq: 16 Aug 2021 17:31

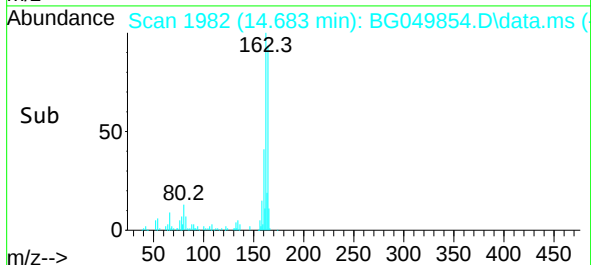
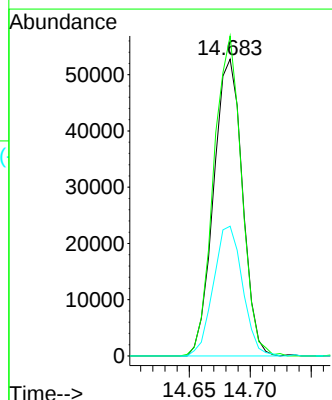
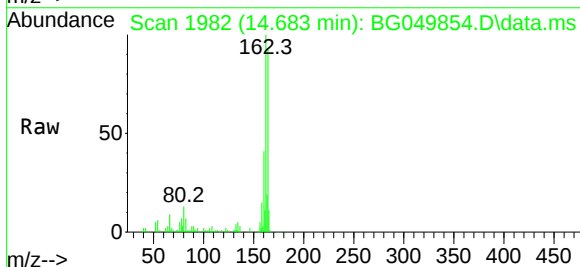
Instrument :
BNA_G
ClientSampleId :
PB138414BL

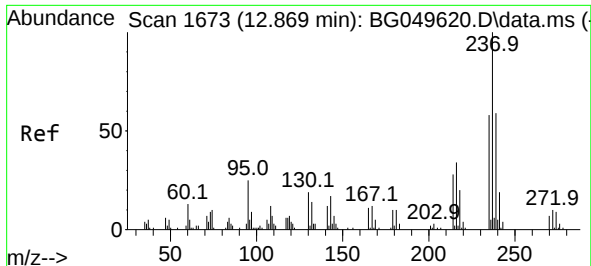
Tgt Ion: 82 Resp: 251897
Ion Ratio Lower Upper
82 100
128 36.9 29.8 44.6
54 50.6 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.683 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BG049854.D
Acq: 16 Aug 2021 17:31

Tgt Ion: 164 Resp: 86617
Ion Ratio Lower Upper
164 100
162 107.8 81.4 122.0
160 43.7 34.9 52.3

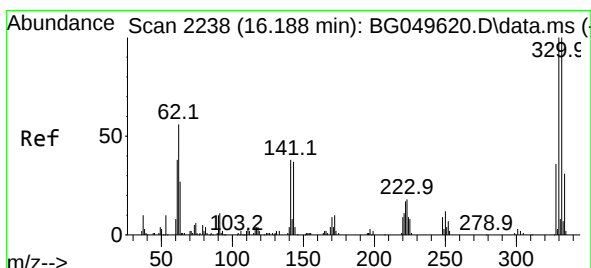
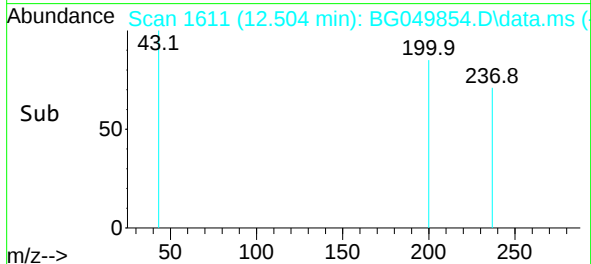
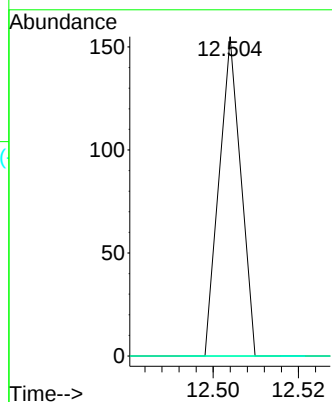
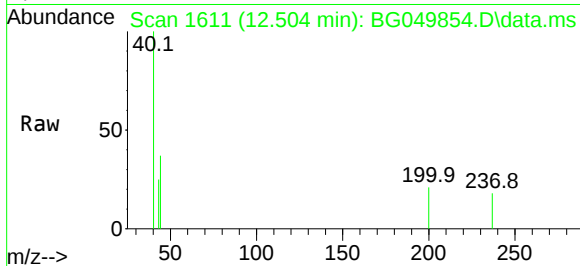




#41
Hexachlorocyclopentadiene
Concen: 3.578 ng
RT: 12.504 min Scan# 1611
Delta R.T. -0.347 min
Lab File: BG049854.D
Acq: 16 Aug 2021 17:31

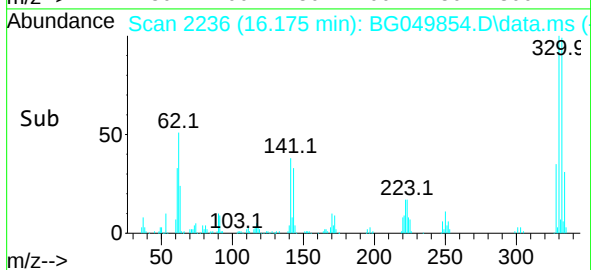
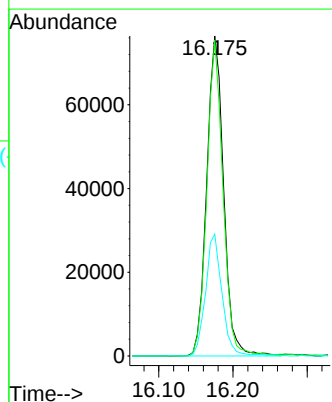
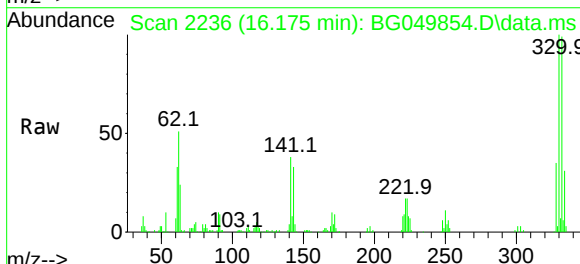
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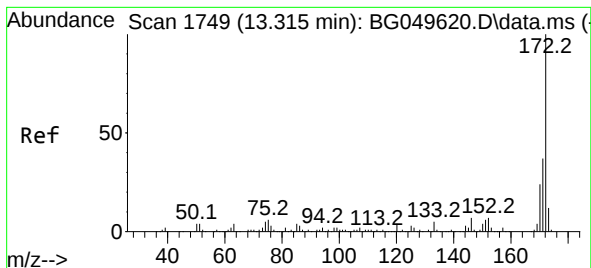
Tgt Ion:237 Resp: 55
Ion Ratio Lower Upper
237 100
235 0.0 36.6 76.6#
272 0.0 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 95.056 ng
RT: 16.175 min Scan# 2236
Delta R.T. -0.000 min
Lab File: BG049854.D
Acq: 16 Aug 2021 17:31

Tgt Ion:330 Resp: 121021
Ion Ratio Lower Upper
330 100
332 94.1 77.3 115.9
141 37.4 35.6 53.4

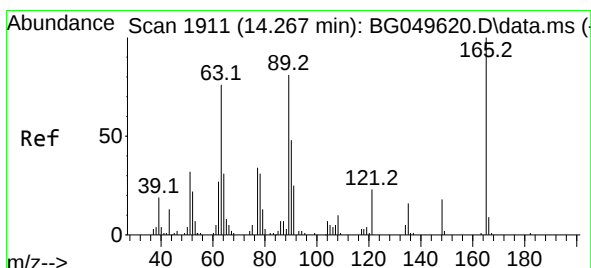
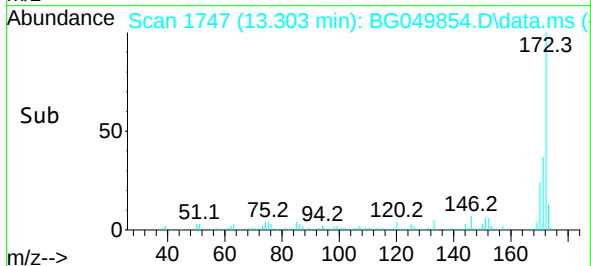
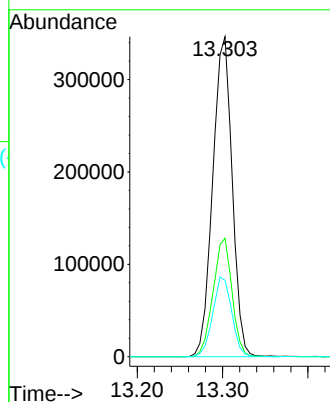
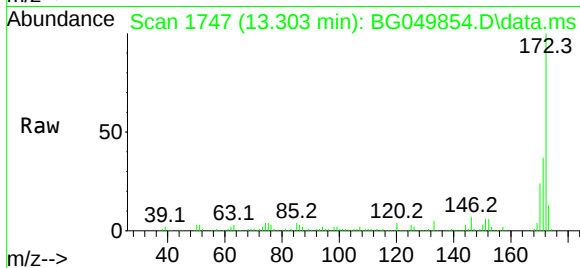




#45
2-Fluorobiphenyl
Concen: 92.217 ng
RT: 13.303 min Scan# 1747
Delta R.T. -0.000 min
Lab File: BG049854.D
Acq: 16 Aug 2021 17:31

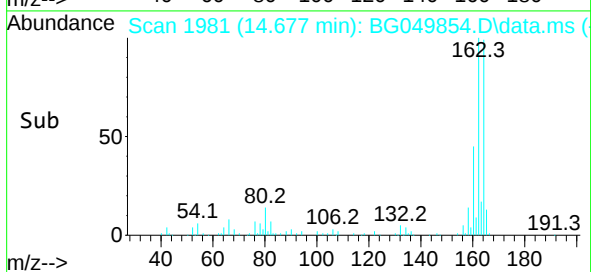
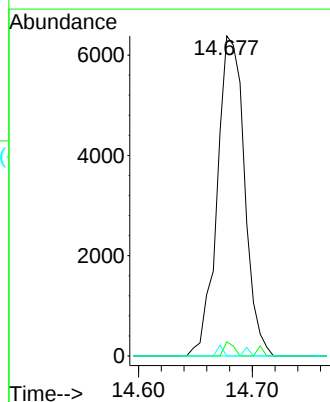
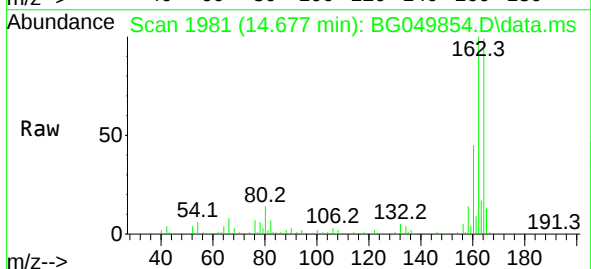
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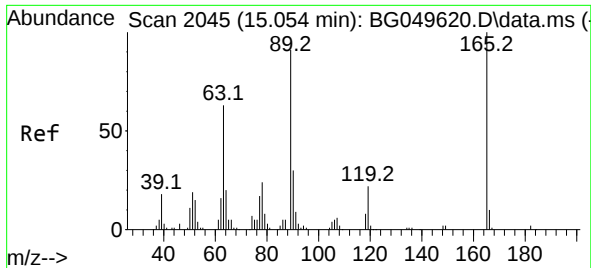
Tgt Ion:172 Resp: 548945
Ion Ratio Lower Upper
172 100
171 37.0 28.6 43.0
170 23.8 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.384 ng
RT: 14.677 min Scan# 1981
Delta R.T. 0.423 min
Lab File: BG049854.D
Acq: 16 Aug 2021 17:31

Tgt Ion:165 Resp: 10625
Ion Ratio Lower Upper
165 100
63 4.4 63.3 94.9#
89 0.0 63.4 95.0#

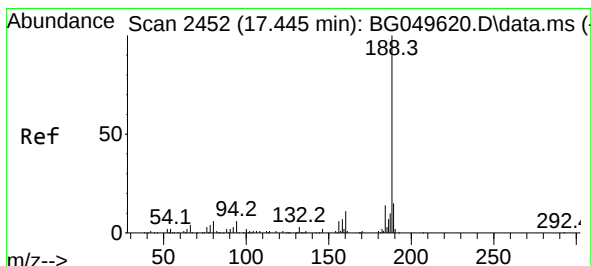
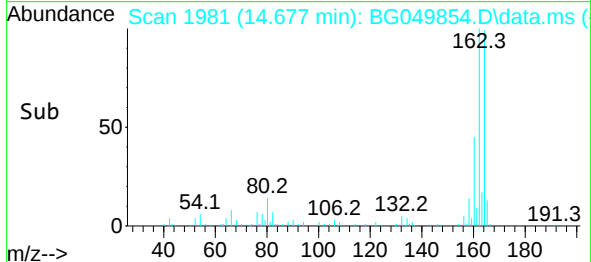
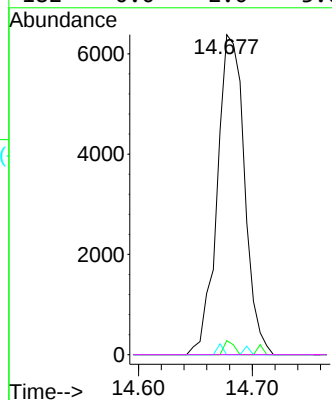
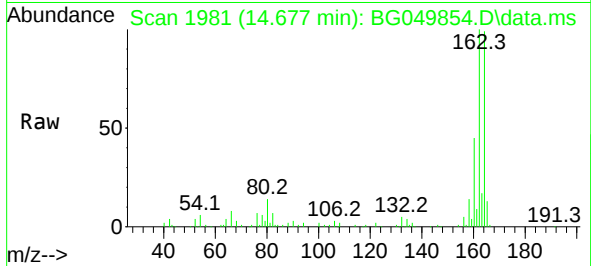




#57
2,4-Dinitrotoluene
Concen: 5.257 ng
RT: 14.677 min Scan# 1981
Delta R.T. -0.370 min
Lab File: BG049854.D
Acq: 16 Aug 2021 17:31

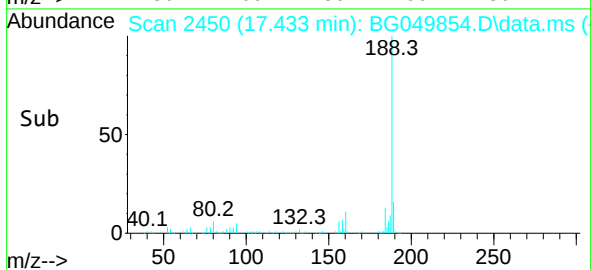
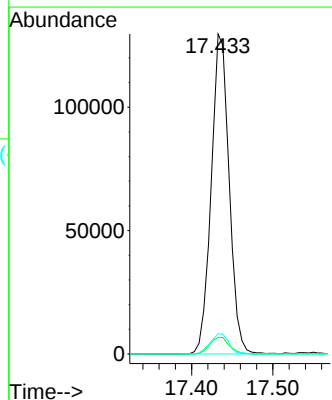
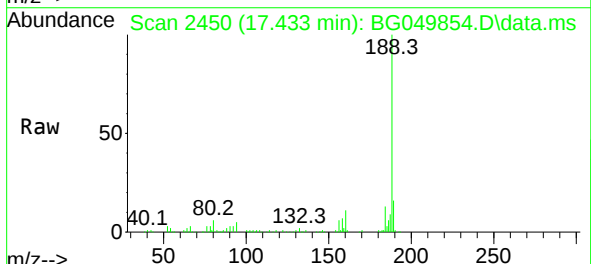
Instrument :
BNA_G
ClientSampleId :
PB138414BL

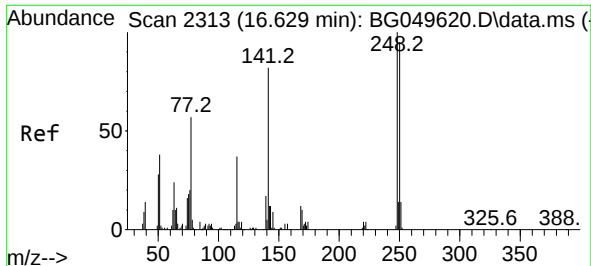
Tgt Ion:165	Resp:	10625
Ion Ratio	Lower	Upper
165	100	
63	4.4	48.0 72.0#
89	0.0	65.4 98.0#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.433 min Scan# 2450
Delta R.T. -0.006 min
Lab File: BG049854.D
Acq: 16 Aug 2021 17:31

Tgt Ion:188	Resp:	198110
Ion Ratio	Lower	Upper
188	100	
94	5.1	5.4 8.0#
80	6.3	3.7 5.5#

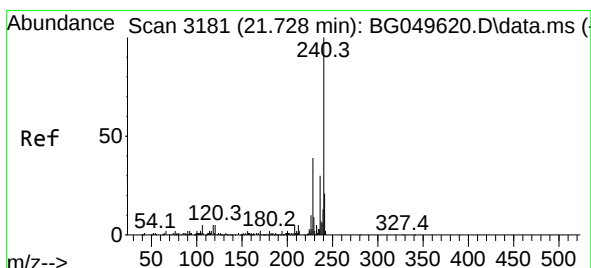
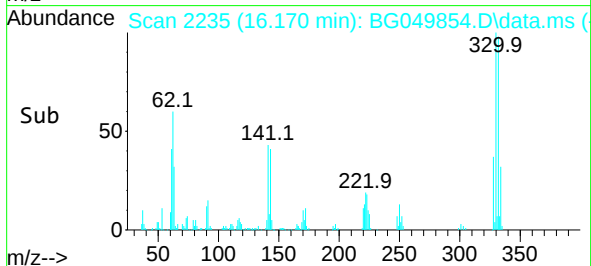
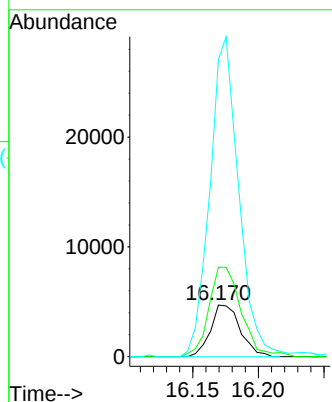
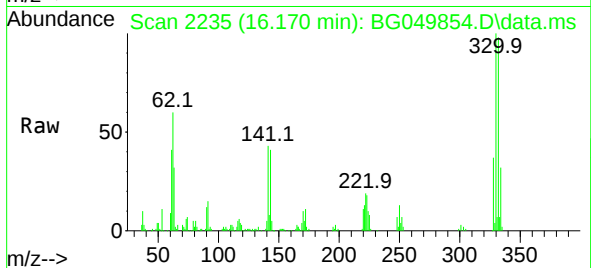




#67
4-Bromophenyl-phenylether
Concen: 3.174 ng
RT: 16.170 min Scan# 2235
Delta R.T. -0.447 min
Lab File: BG049854.D
Acq: 16 Aug 2021 17:31

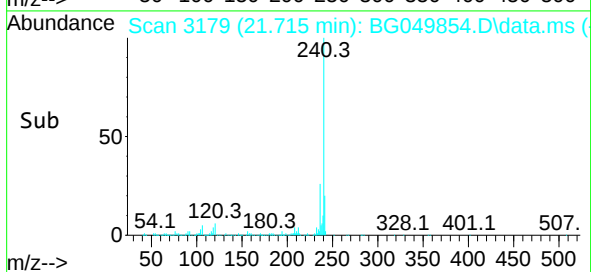
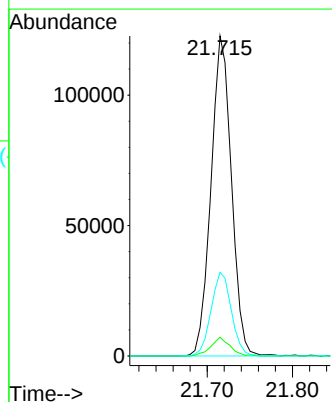
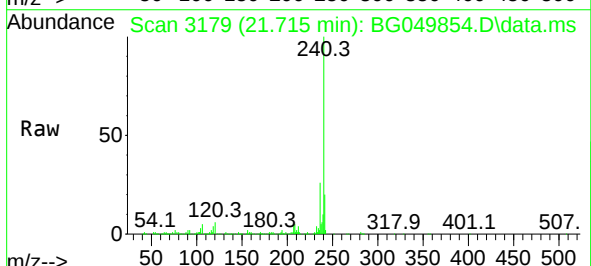
Instrument :
BNA_G
ClientSampleId :
PB138414BL

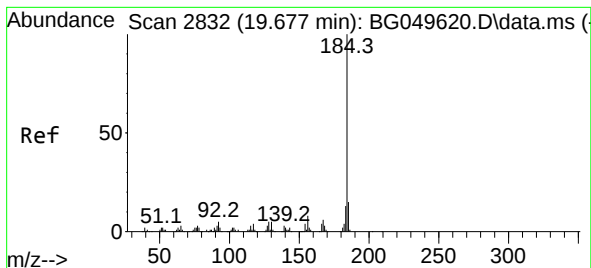
Tgt Ion:248 Resp: 7405
Ion Ratio Lower Upper
248 100
250 173.2 76.1 114.1#
141 575.8 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.715 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BG049854.D
Acq: 16 Aug 2021 17:31

Tgt Ion:240 Resp: 204534
Ion Ratio Lower Upper
240 100
120 5.9 4.2 6.2
236 26.2 21.8 32.6





#77

Benzidine

Concen: 4.035 ng

RT: 20.047 min Scan# 2895

Delta R.T. 0.382 min

Lab File: BG049854.D

Acq: 16 Aug 2021 17:31

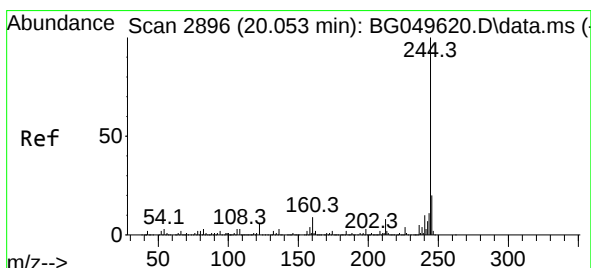
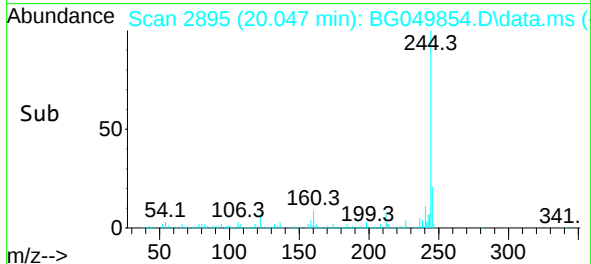
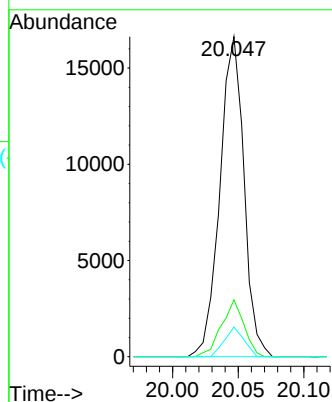
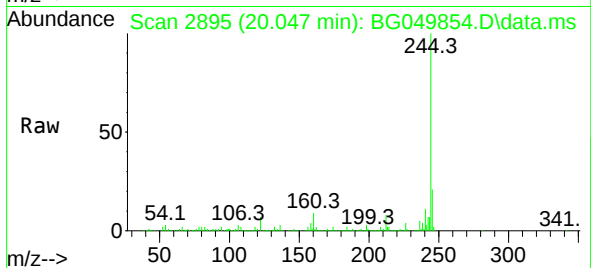
Instrument :

BNA_G

ClientSampleId :

PB138414BL

Tgt Ion:184	Resp:	21144
Ion Ratio	Lower	Upper
184	100	
185	17.8	10.7 16.1#
183	9.2	9.4 14.0#



#79

Terphenyl-d14

Concen: 98.180 ng

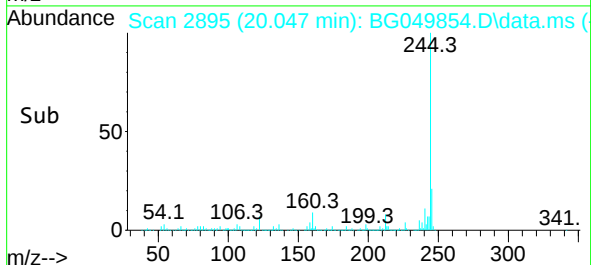
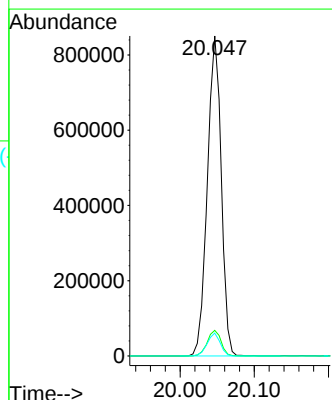
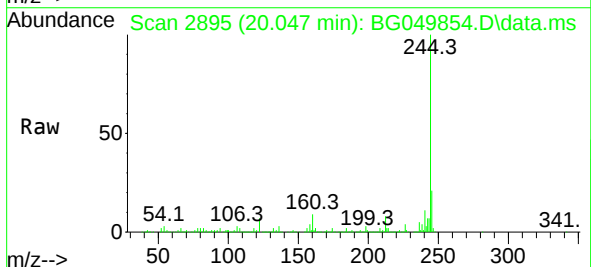
RT: 20.047 min Scan# 2895

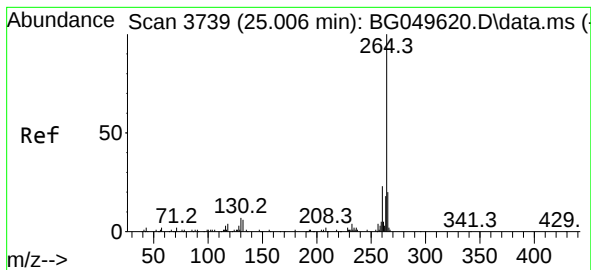
Delta R.T. -0.000 min

Lab File: BG049854.D

Acq: 16 Aug 2021 17:31

Tgt Ion:244	Resp:	1105665
Ion Ratio	Lower	Upper
244	100	
212	8.0	6.9 10.3
122	7.1	5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.987 min Scan# 3736
 Delta R.T. -0.000 min
 Lab File: BG049854.D
 Acq: 16 Aug 2021 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB138414BL

Tgt Ion:264 Resp: 199647
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.2
 265 22.3 16.9 25.3

