

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081721\
 Data File : BG049886.D
 Acq On : 17 Aug 2021 20:35
 Operator : CG/JU
 Sample : M3431-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2

Quant Time: Aug 18 05:44:03 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)

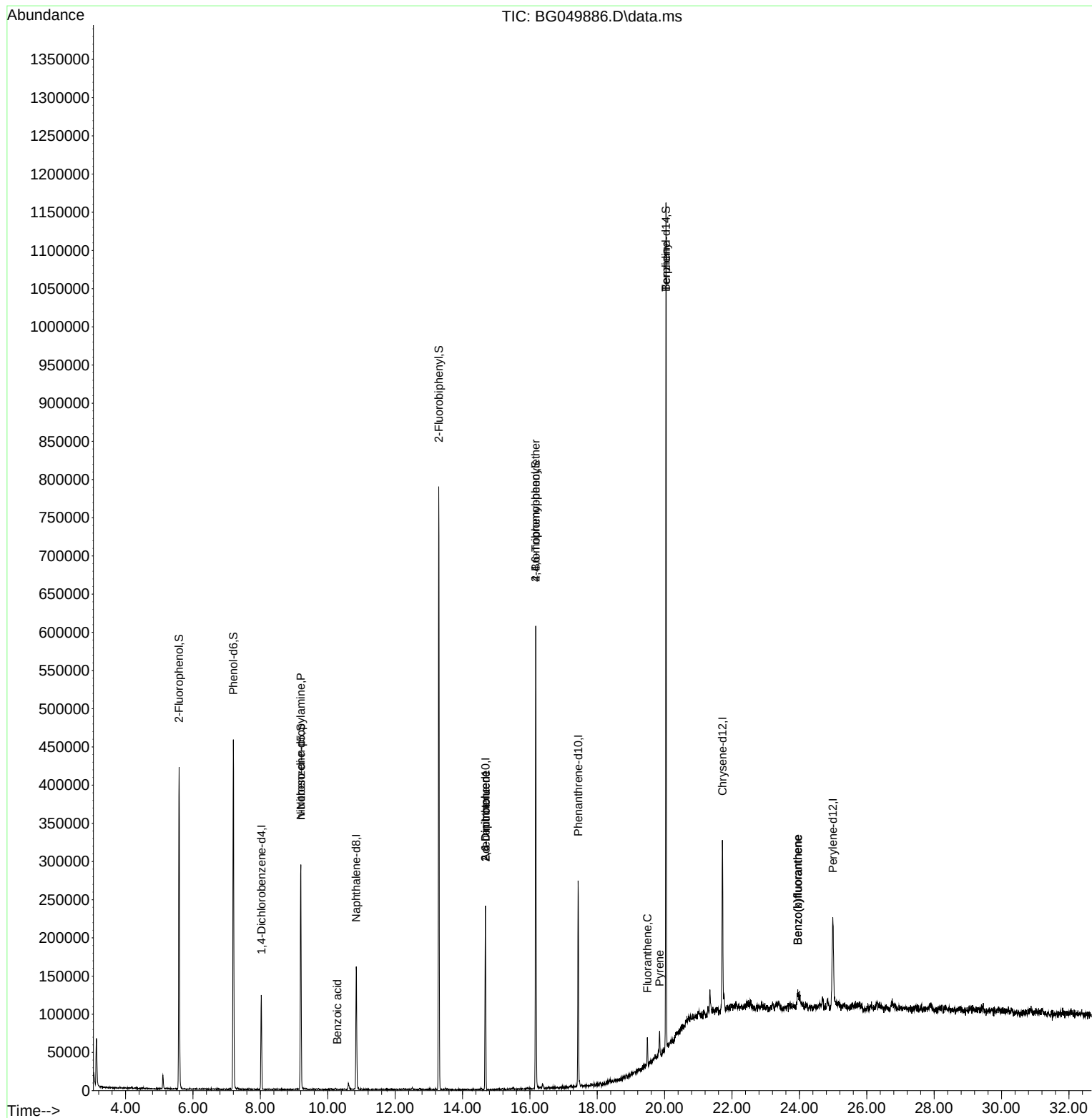
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.032	152	33392	20.000	ng	# 0.00
21) Naphthalene-d8	10.846	136	135052	20.000	ng	# 0.00
39) Acenaphthene-d10	14.682	164	85983	20.000	ng	0.00
64) Phenanthrene-d10	17.431	188	166383	20.000	ng	# 0.00
76) Chrysene-d12	21.713	240	134174	20.000	ng	0.00
86) Perylene-d12	24.991	264	132659	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.588	112	177421	95.246	ng	0.00
7) Phenol-d6	7.198	99	248929	88.281	ng	0.00
23) Nitrobenzene-d5	9.201	82	183577	60.151	ng	0.00
42) 2,4,6-Tribromophenol	16.174	330	118909	94.086	ng	0.00
45) 2-Fluorobiphenyl	13.295	172	399738	67.647	ng	0.00
79) Terphenyl-d14	20.039	244	511028	69.174	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.201	70	28494	15.101	ng	# 61
32) Benzoic acid	10.282	122	54	4.984	ng	# 1
51) 2,6-Dinitrotoluene	14.682	165	12023	8.417	ng	# 12
57) 2,4-Dinitrotoluene	14.682	165	12023	5.993	ng	# 17
67) 4-Bromophenyl-phenylether	16.174	248	7215	3.682	ng	# 1
75) Fluoranthene	19.487	202	23346	2.167	ng	94
77) Benzidine	20.039	184	10304	2.997	ng	97
78) Pyrene	19.851	202	21254	2.324	ng	# 95
88) Benzo(b)fluoranthene	23.951	252	26096	2.999	ng	# 83
89) Benzo(k)fluoranthene	23.951	252	26096	3.216	ng	# 88

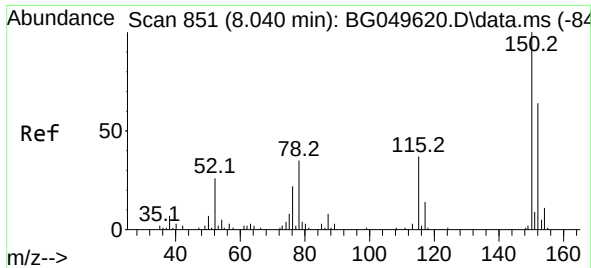
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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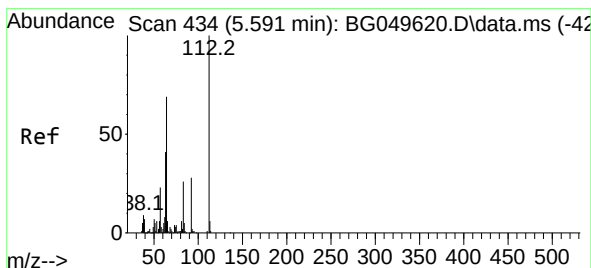
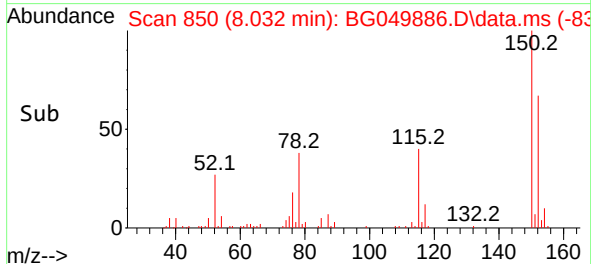
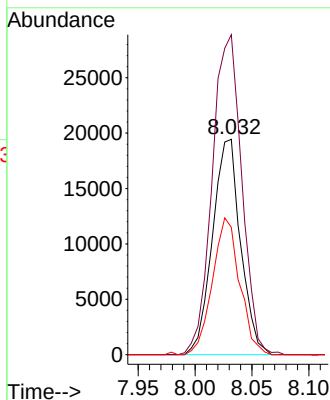
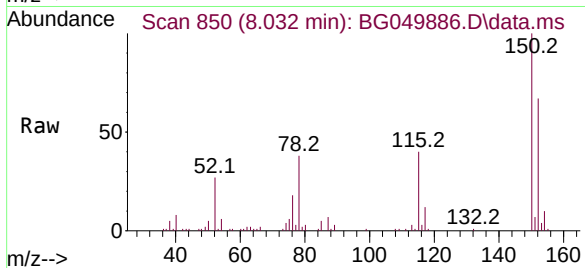




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.032 min Scan# 850
 Delta R.T. 0.004 min
 Lab File: BG049886.D
 Acq: 17 Aug 2021 20:35

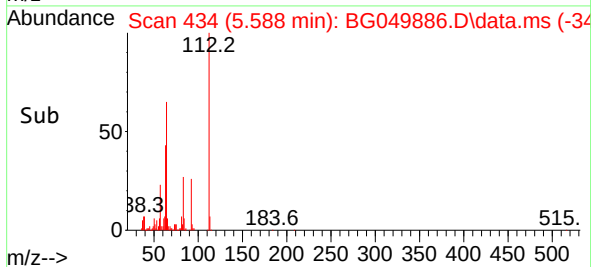
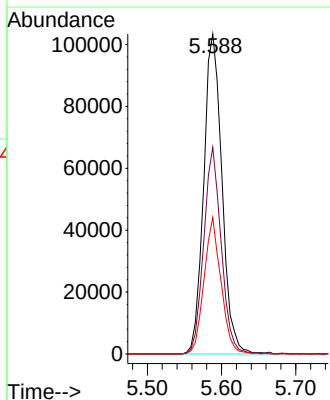
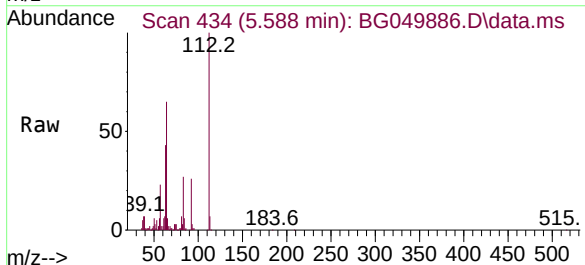
Instrument :
 BNA_G
 ClientSampled :
 2

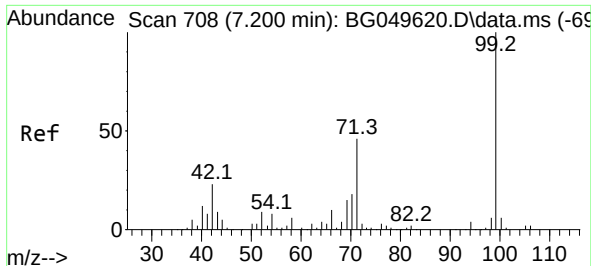
Tgt Ion:152 Resp: 33392
 Ion Ratio Lower Upper
 152 100
 150 148.5 119.4 179.0
 115 59.1 60.2 90.4#



#5
 2-Fluorophenol
 Concen: 95.246 ng
 RT: 5.588 min Scan# 434
 Delta R.T. 0.010 min
 Lab File: BG049886.D
 Acq: 17 Aug 2021 20:35

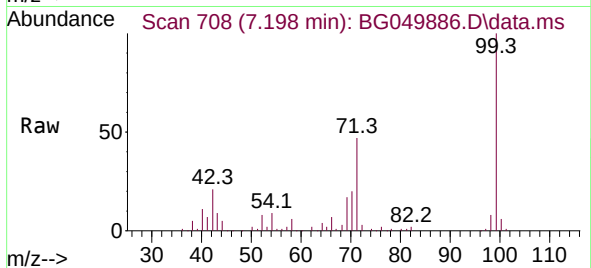
Tgt Ion:112 Resp: 177421
 Ion Ratio Lower Upper
 112 100
 64 64.6 46.7 70.1
 63 42.7 35.3 52.9



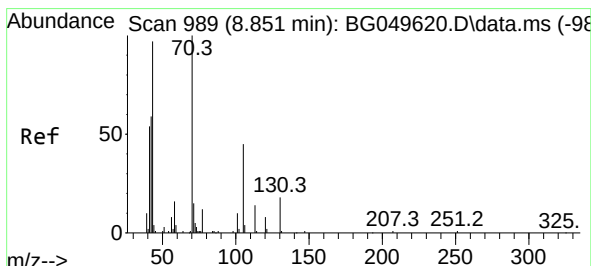
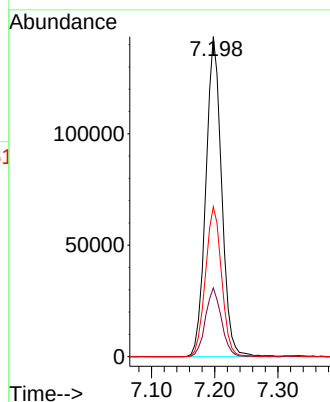
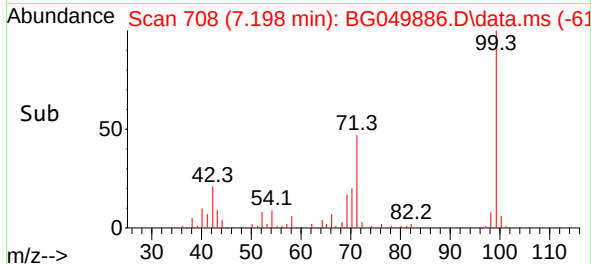


#7
Phenol-d6
Concen: 88.281 ng
RT: 7.198 min Scan# 708
Delta R.T. 0.004 min
Lab File: BG049886.D
Acq: 17 Aug 2021 20:35

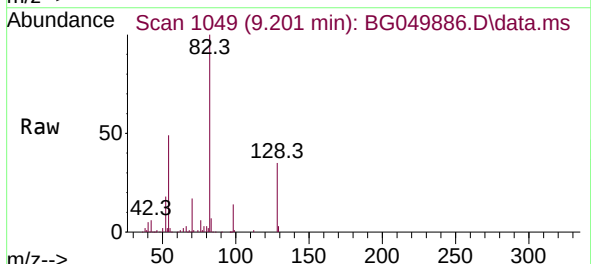
Instrument :
BNA_G
ClientSampleId :
2



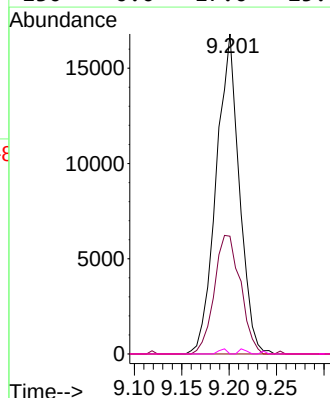
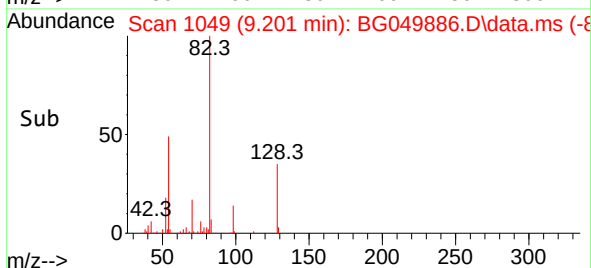
Tgt Ion	Resp	Lower	Upper
99	100		
42	21.5	20.5	30.7
71	46.9	41.5	62.3

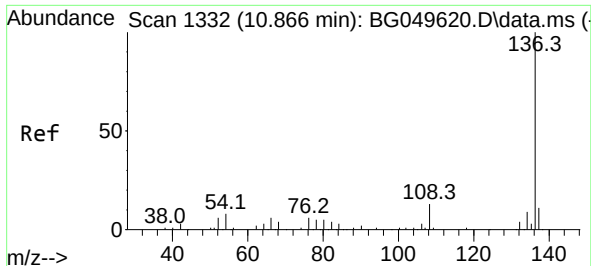


#19
n-Nitroso-di-n-propylamine
Concen: 15.101 ng
RT: 9.201 min Scan# 1049
Delta R.T. 0.362 min
Lab File: BG049886.D
Acq: 17 Aug 2021 20:35



Tgt Ion	Resp	Lower	Upper
70	100		
42	36.8	54.5	81.7#
101	0.0	9.0	13.6#
130	0.0	17.0	25.6#

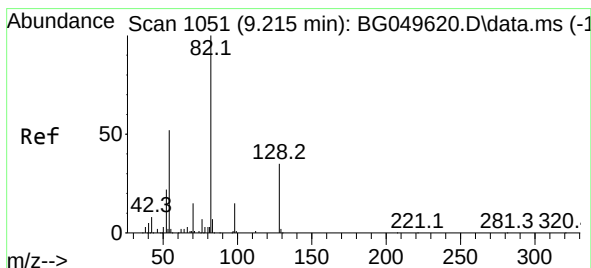
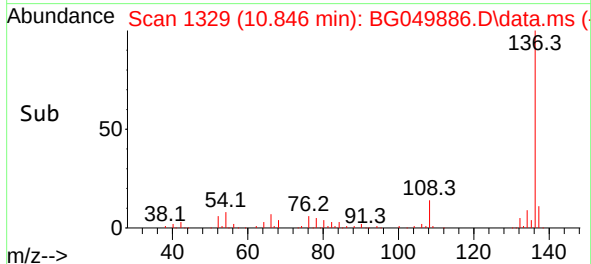
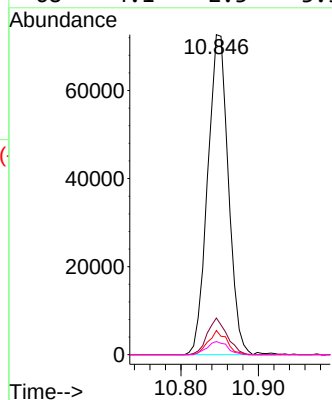
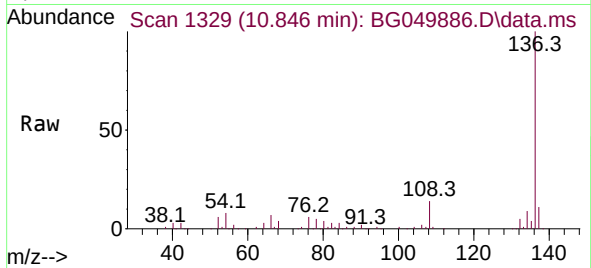




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.846 min Scan# 1329
Delta R.T. -0.002 min
Lab File: BG049886.D
Acq: 17 Aug 2021 20:35

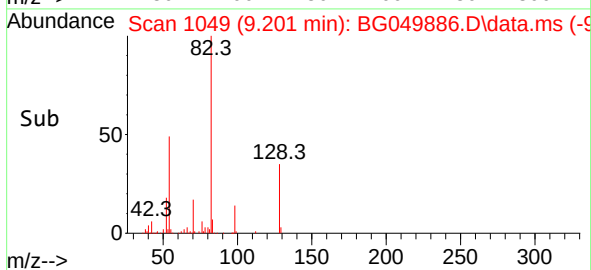
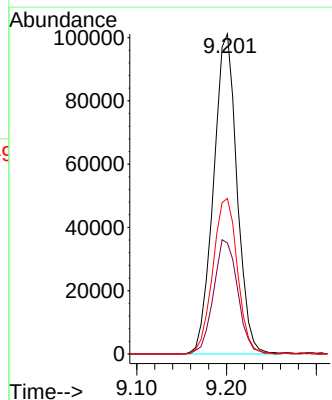
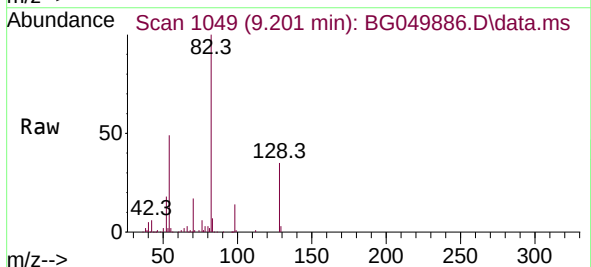
Instrument :
BNA_G
ClientSampleId :
2

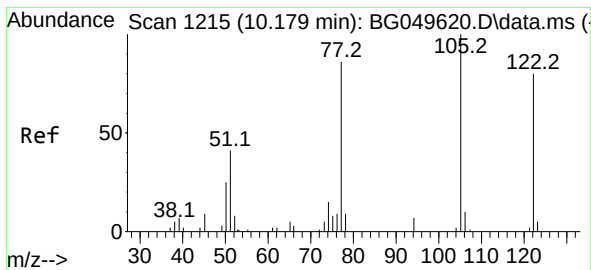
Tgt Ion:	136	Resp:	135052
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.2	12.2
54	7.6	5.5	8.3
68	4.1	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 60.151 ng
RT: 9.201 min Scan# 1049
Delta R.T. 0.004 min
Lab File: BG049886.D
Acq: 17 Aug 2021 20:35

Tgt Ion:	82	Resp:	183577
Ion Ratio	Lower	Upper	
82	100		
128	34.7	29.8	44.6
54	48.6	45.8	68.8

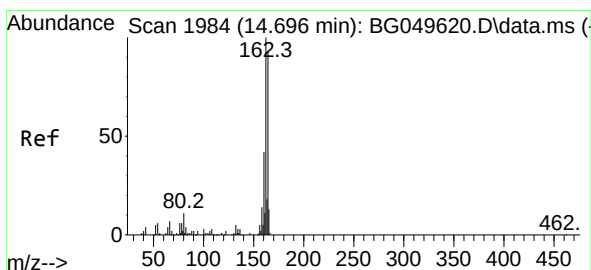
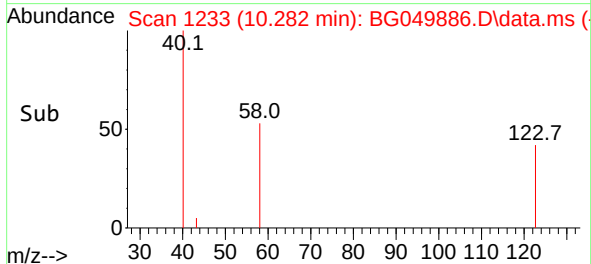
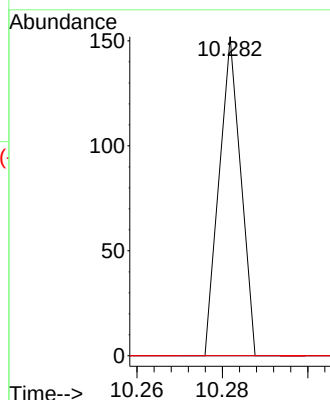
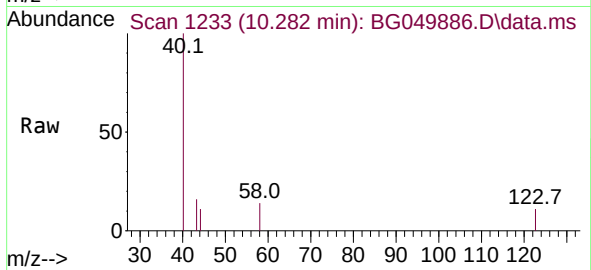




#32
Benzoic acid
Concen: 4.984 ng
RT: 10.282 min Scan# 1233
Delta R.T. 0.116 min
Lab File: BG049886.D
Acq: 17 Aug 2021 20:35

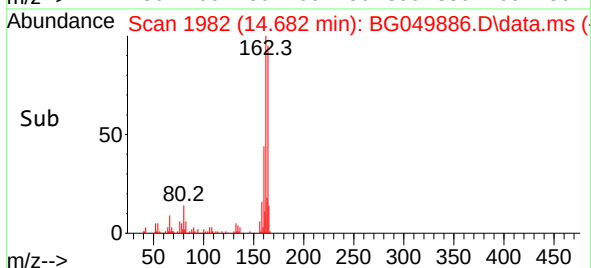
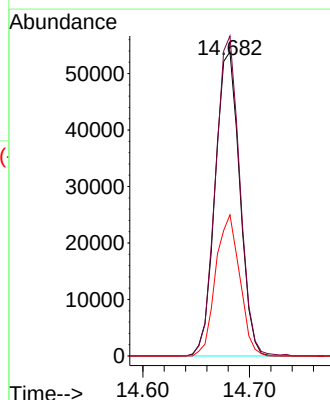
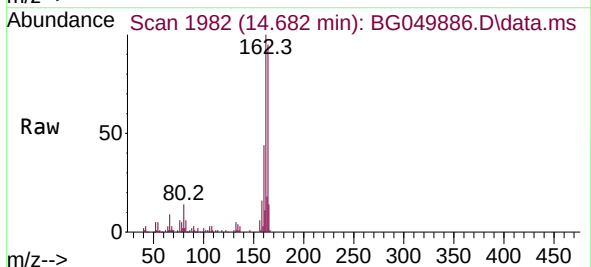
Instrument :
BNA_G
ClientSampled :
2

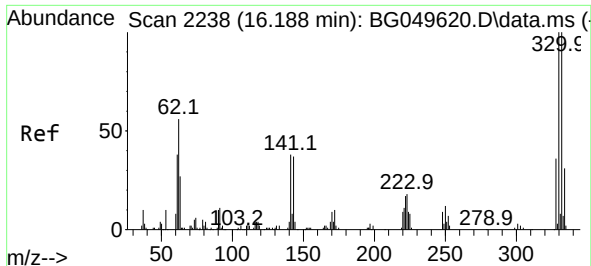
Tgt Ion:122	Resp:	54
Ion	Ratio	Lower Upper
122	100	
105	0.0	92.3 132.3#
77	0.0	66.5 106.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.682 min Scan# 1982
Delta R.T. -0.002 min
Lab File: BG049886.D
Acq: 17 Aug 2021 20:35

Tgt Ion:164	Resp:	85983
Ion	Ratio	Lower Upper
164	100	
162	105.2	81.4 122.0
160	46.4	34.9 52.3

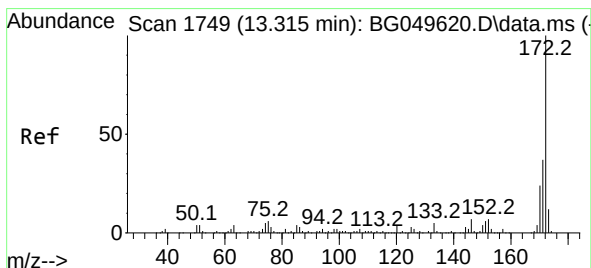
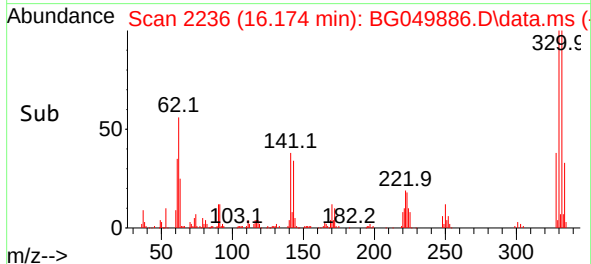
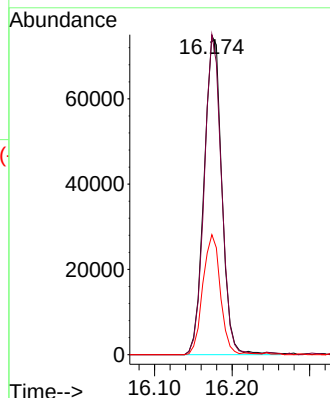
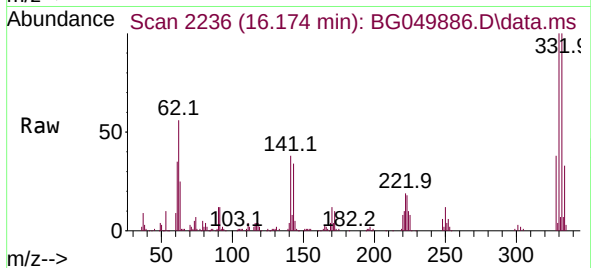




#42
2,4,6-Tribromophenol
Concen: 94.086 ng
RT: 16.174 min Scan# 2236
Delta R.T. -0.002 min
Lab File: BG049886.D
Acq: 17 Aug 2021 20:35

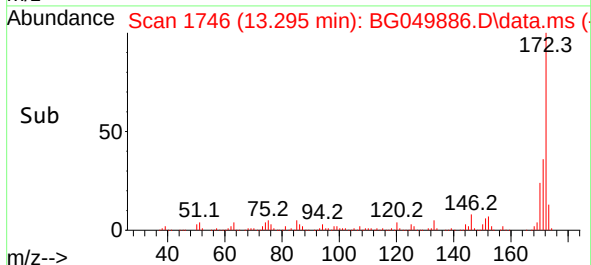
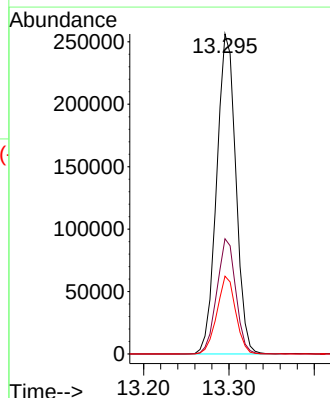
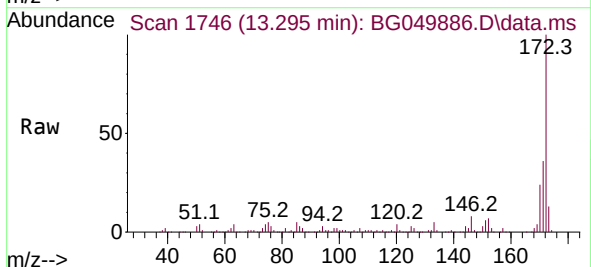
Instrument :
BNA_G
ClientSampled :
2

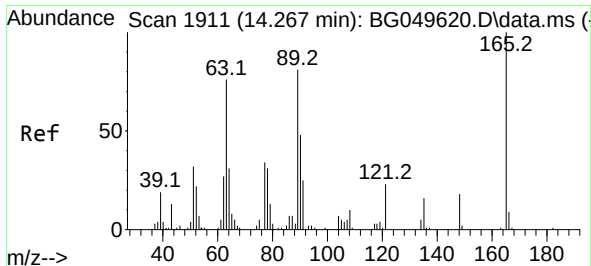
Tgt Ion:330 Resp: 118909
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 37.2 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 67.647 ng
RT: 13.295 min Scan# 1746
Delta R.T. -0.008 min
Lab File: BG049886.D
Acq: 17 Aug 2021 20:35

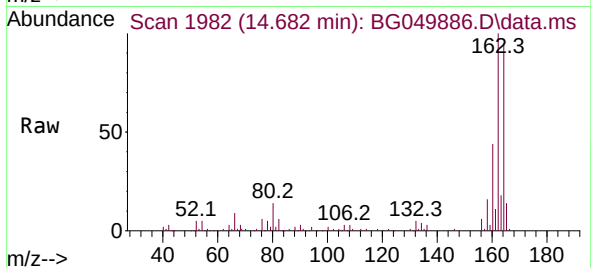
Tgt Ion:172 Resp: 399738
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.3 18.6 27.8



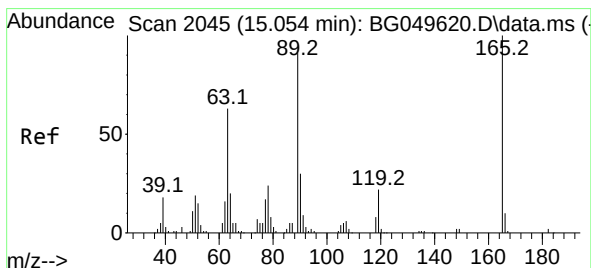
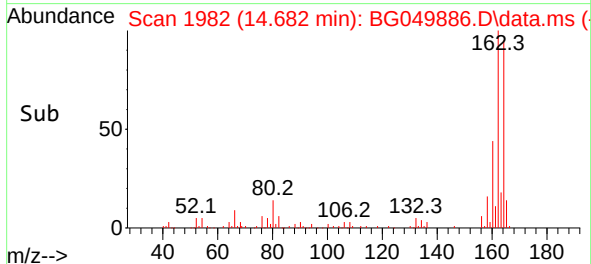
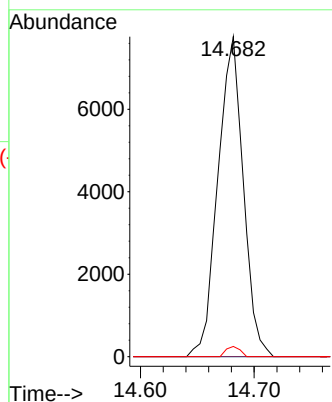


#51
2,6-Dinitrotoluene
Concen: 8.417 ng
RT: 14.682 min Scan# 1982
Delta R.T. 0.427 min
Lab File: BG049886.D
Acq: 17 Aug 2021 20:35

Instrument :
BNA_G
ClientSampleId :
2

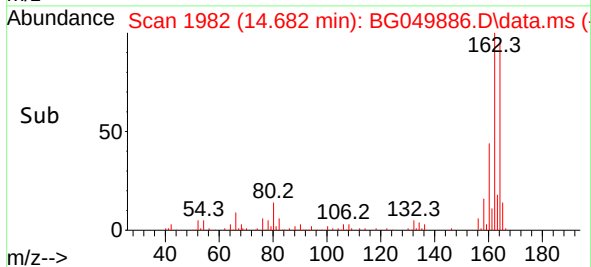
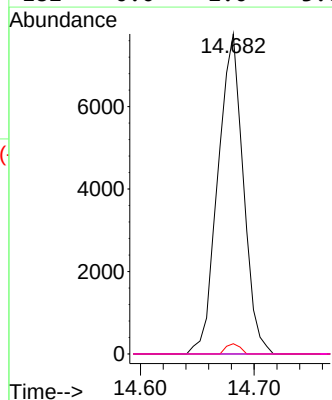
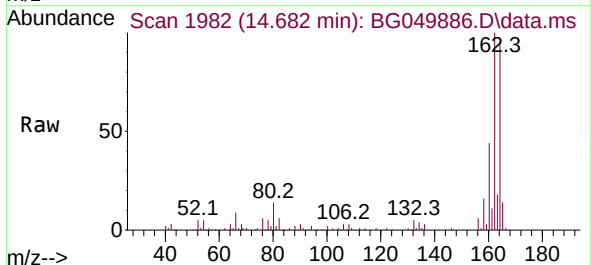


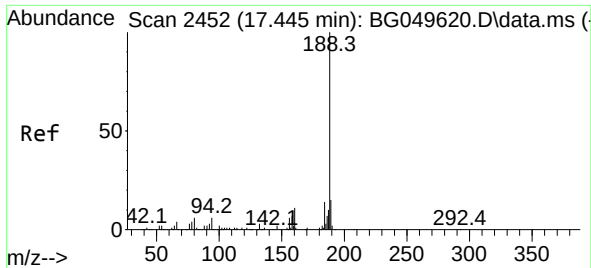
Tgt Ion:165 Resp: 12023
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 3.2 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.993 ng
RT: 14.682 min Scan# 1982
Delta R.T. -0.366 min
Lab File: BG049886.D
Acq: 17 Aug 2021 20:35

Tgt Ion:165 Resp: 12023
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 3.2 65.4 98.0#
182 0.0 2.0 3.0#

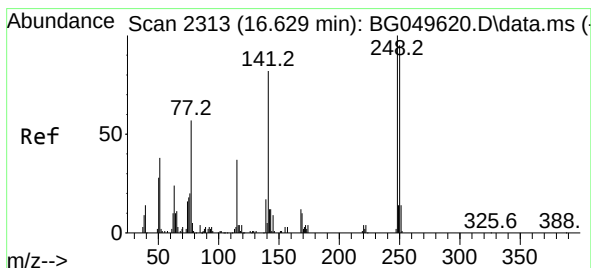
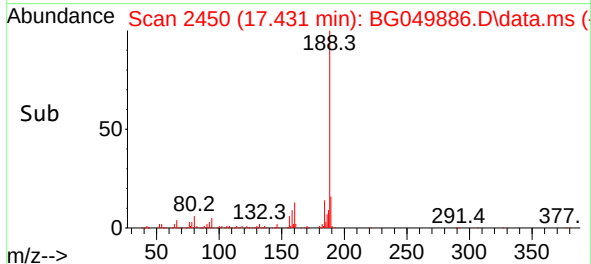
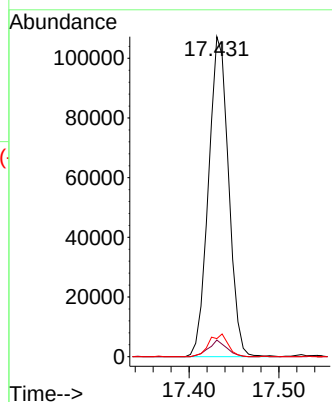
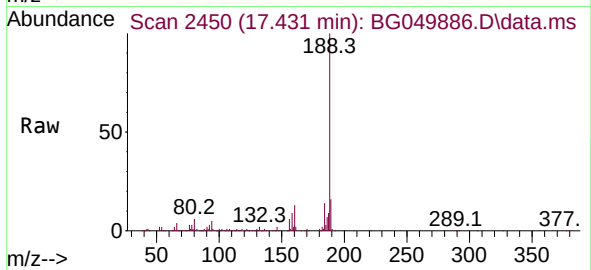




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.431 min Scan# 2450
Delta R.T. -0.008 min
Lab File: BG049886.D
Acq: 17 Aug 2021 20:35

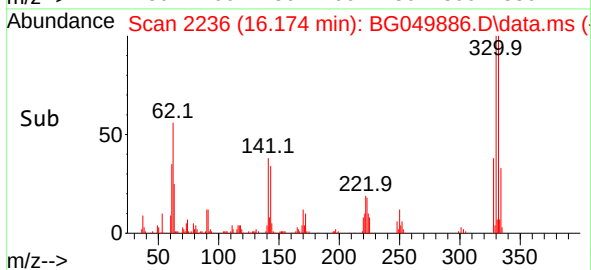
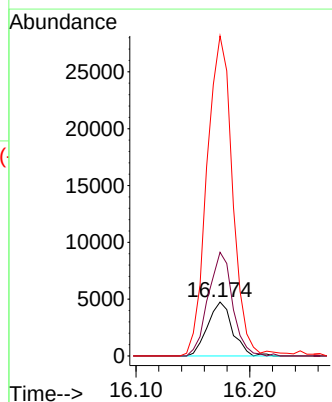
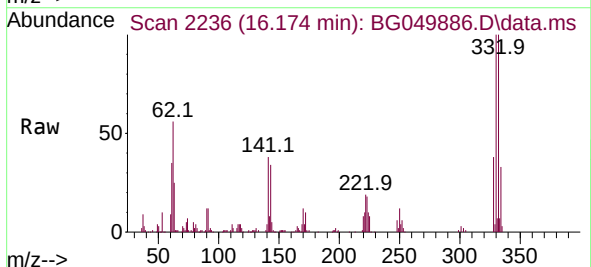
Instrument :
BNA_G
ClientSampled :
2

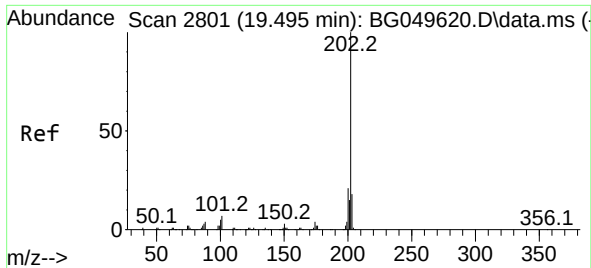
Tgt Ion:188 Resp: 166383
Ion Ratio Lower Upper
188 100
94 5.2 5.4 8.0#
80 5.7 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.682 ng
RT: 16.174 min Scan# 2236
Delta R.T. -0.442 min
Lab File: BG049886.D
Acq: 17 Aug 2021 20:35

Tgt Ion:248 Resp: 7215
Ion Ratio Lower Upper
248 100
250 192.0 76.1 114.1#
141 592.7 65.4 98.2#

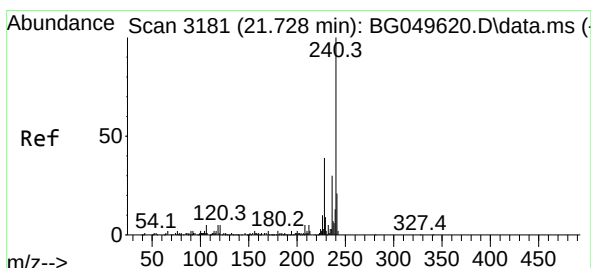
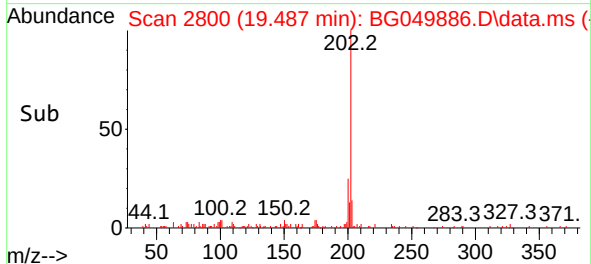
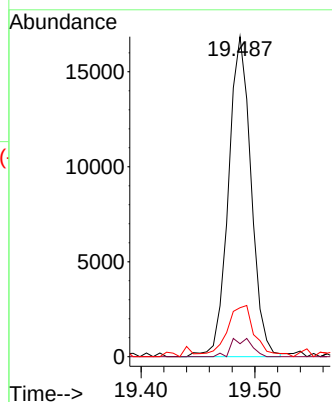
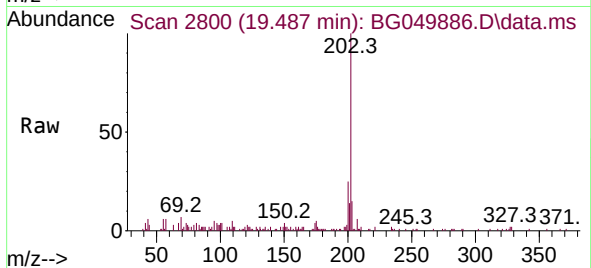




#75
Fluoranthene
Concen: 2.167 ng
RT: 19.487 min Scan# 2800
Delta R.T. -0.002 min
Lab File: BG049886.D
Acq: 17 Aug 2021 20:35

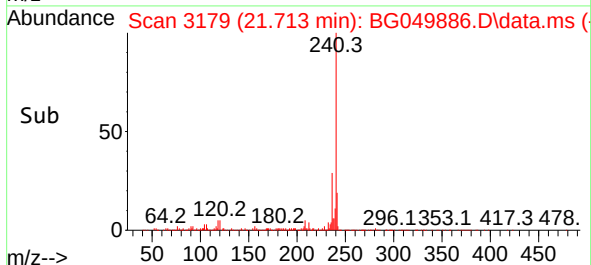
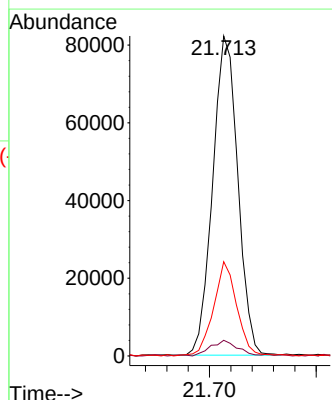
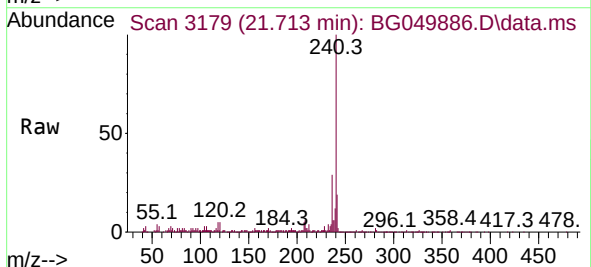
Instrument :
BNA_G
ClientSampleId :
2

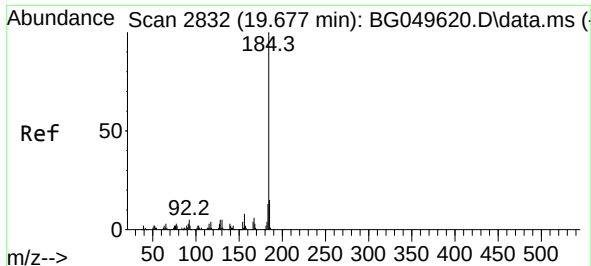
Tgt Ion:	202	Resp:	23346
Ion Ratio	Lower	Upper	
202	100		
101	4.1	0.0	24.7
203	15.3	0.0	38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.713 min Scan# 3179
Delta R.T. -0.008 min
Lab File: BG049886.D
Acq: 17 Aug 2021 20:35

Tgt Ion:	240	Resp:	134174
Ion Ratio	Lower	Upper	
240	100		
120	4.9	4.2	6.2
236	29.4	21.8	32.6

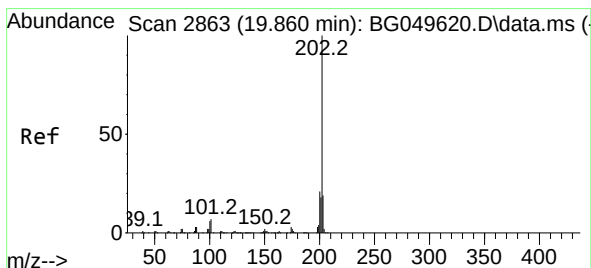
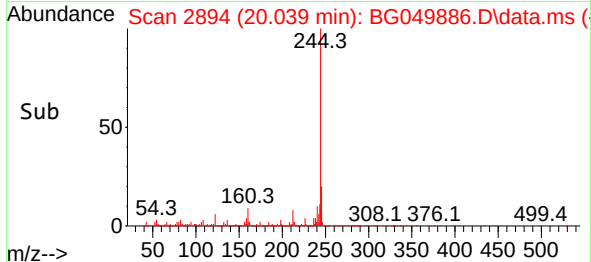
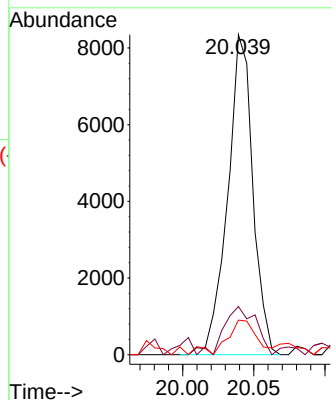
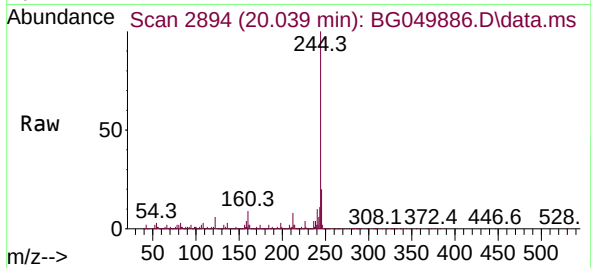




#77
Benzidine
Concen: 2.997 ng
RT: 20.039 min Scan# 2894
Delta R.T. 0.374 min
Lab File: BG049886.D
Acq: 17 Aug 2021 20:35

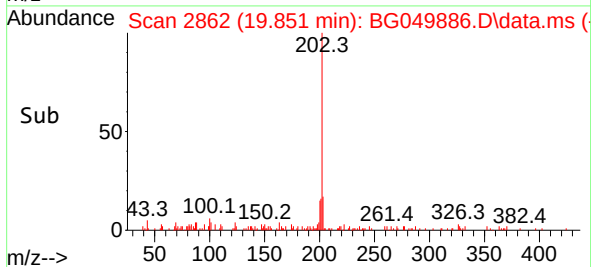
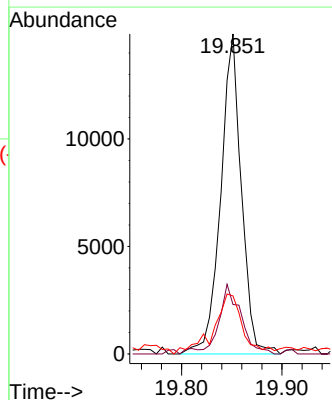
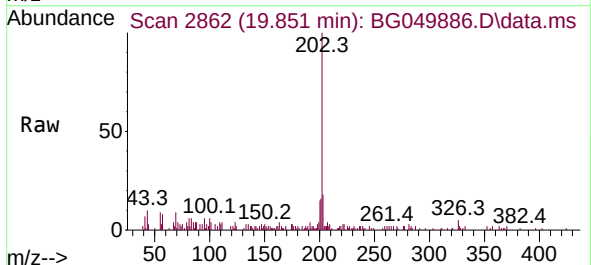
Instrument :
BNA_G
ClientSampled :
2

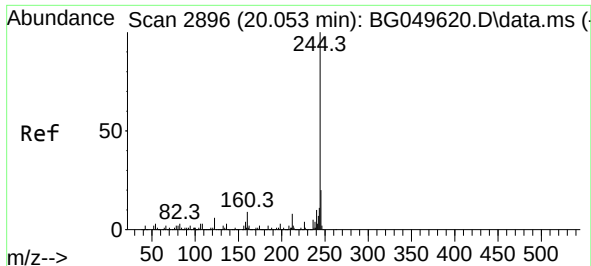
Tgt Ion:184 Resp: 10304
Ion Ratio Lower Upper
184 100
185 15.0 10.7 16.1
183 10.8 9.4 14.0



#78
Pyrene
Concen: 2.324 ng
RT: 19.851 min Scan# 2862
Delta R.T. -0.002 min
Lab File: BG049886.D
Acq: 17 Aug 2021 20:35

Tgt Ion:202 Resp: 21254
Ion Ratio Lower Upper
202 100
200 15.4 15.8 23.8#
203 18.2 14.6 21.8

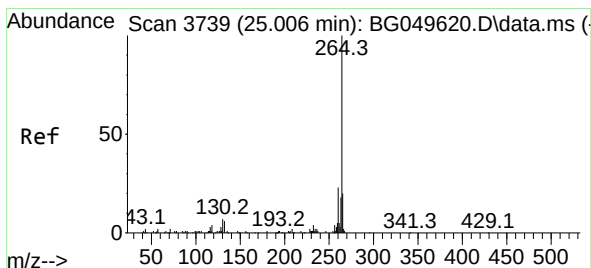
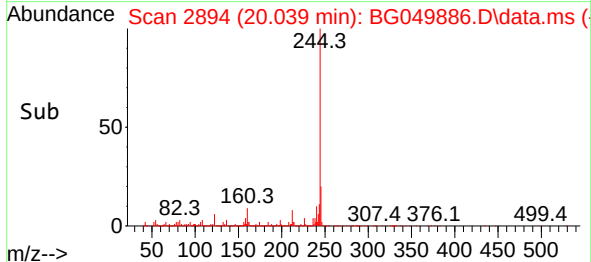
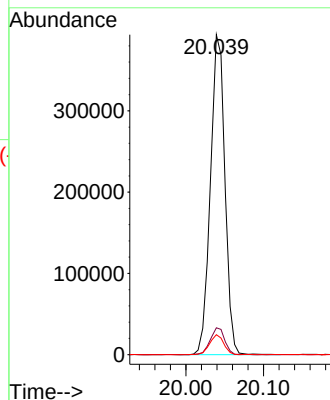
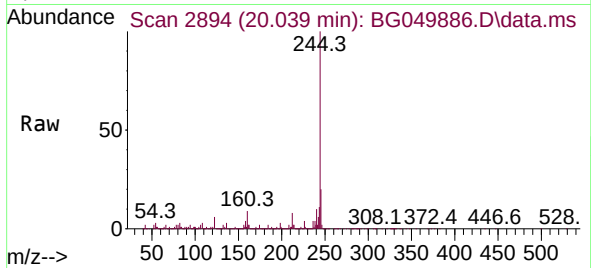




#79
Terphenyl-d14
Concen: 69.174 ng
RT: 20.039 min Scan# 2894
Delta R.T. -0.008 min
Lab File: BG049886.D
Acq: 17 Aug 2021 20:35

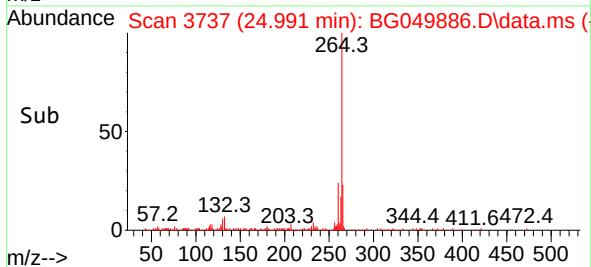
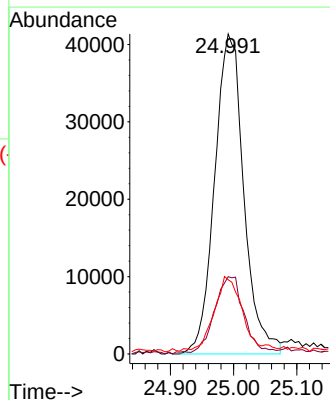
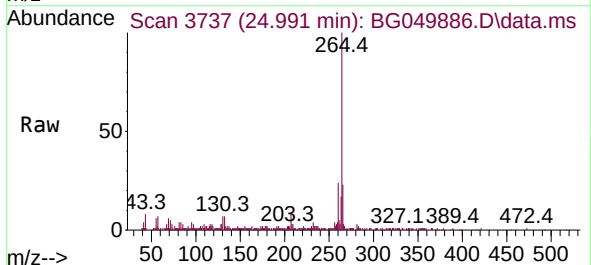
Instrument :
BNA_G
ClientSampleId :
2

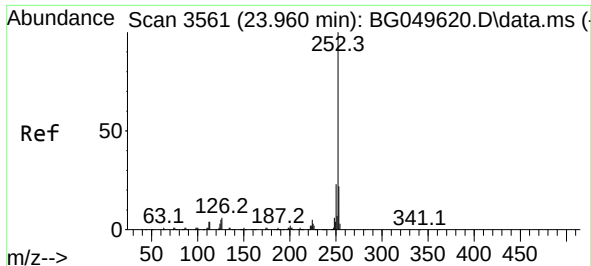
Tgt Ion:244 Resp: 511028
Ion Ratio Lower Upper
244 100
212 8.4 6.9 10.3
122 6.2 5.0 7.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.991 min Scan# 3737
Delta R.T. 0.004 min
Lab File: BG049886.D
Acq: 17 Aug 2021 20:35

Tgt Ion:264 Resp: 132659
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 23.2 16.9 25.3

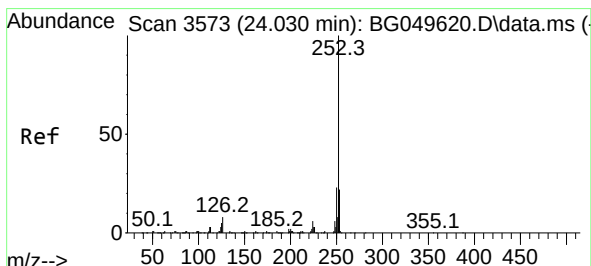
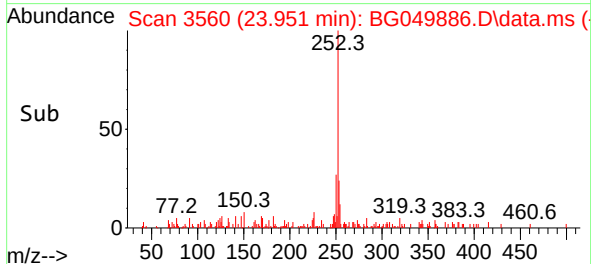
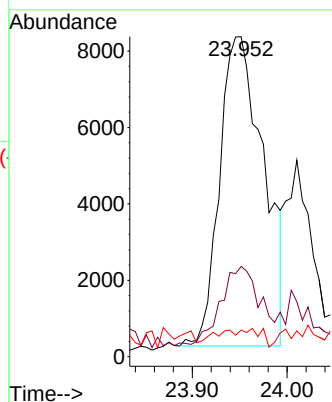
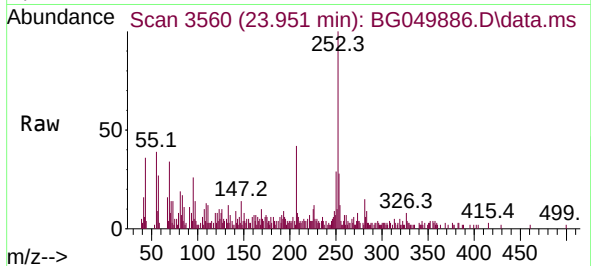




#88
Benzo(b)fluoranthene
Concen: 2.999 ng
RT: 23.951 min Scan# 3560
Delta R.T. -0.002 min
Lab File: BG049886.D
Acq: 17 Aug 2021 20:35

Instrument :
BNA_G
ClientSampled :
2

Tgt Ion:252 Resp: 26096
Ion Ratio Lower Upper
252 100
253 28.2 16.2 24.4#
125 8.3 3.0 4.4#



#89
Benzo(k)fluoranthene
Concen: 3.216 ng
RT: 23.951 min Scan# 3560
Delta R.T. -0.067 min
Lab File: BG049886.D
Acq: 17 Aug 2021 20:35

Tgt Ion:252 Resp: 26096
Ion Ratio Lower Upper
252 100
253 28.2 18.0 27.0#
125 8.3 3.1 4.7#

