

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042721\
 Data File : BG048892.D
 Acq On : 27 Apr 2021 18:38
 Operator : CG/JU
 Sample : M2186-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B2A

Quant Time: Apr 28 01:47:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 27 16:50:19 2021
 Response via : Initial Calibration

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

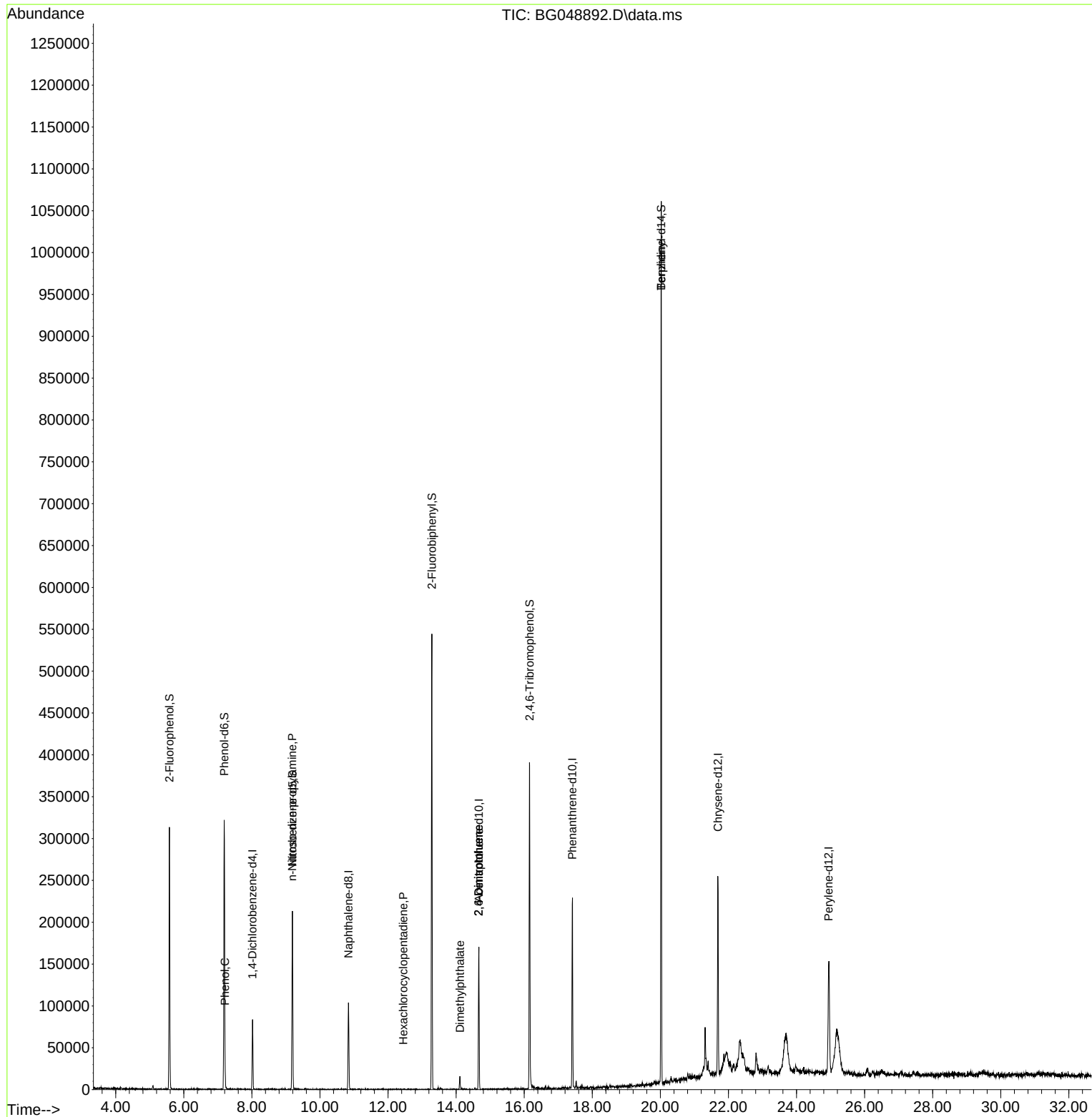
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.017	152	19073	20.00	ng	0.00
21) Naphthalene-d8	10.837	136	85325	20.00	ng	0.00
39) Acenaphthene-d10	14.668	164	56598	20.00	ng	0.00
64) Phenanthrene-d10	17.412	188	140038	20.00	ng	# 0.00
76) Chrysene-d12	21.689	240	136460	20.00	ng	#-0.01
86) Perylene-d12	24.944	264	133497	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.578	112	122214	107.17	ng	0.00
7) Phenol-d6	7.188	99	157439	97.60	ng	0.00
23) Nitrobenzene-d5	9.192	82	118173	62.01	ng	0.00
42) 2,4,6-Tribromophenol	16.160	330	68134	89.78	ng	0.00
45) 2-Fluorobiphenyl	13.287	172	262130	66.88	ng	0.00
79) Terphenyl-d14	20.026	244	472132	59.55	ng	0.00
Target Compounds						
10) Phenol	7.212	94	4627	2.92	ng	Qvalue 84
19) n-Nitroso-di-n-propyla...	9.186	70	18532	17.03	ng	# 68
41) Hexachlorocyclopentadiene	12.447	237	62	5.92	ng	# 31
50) Dimethylphthalate	14.116	163	8952	2.11	ng	# 87
51) 2,6-Dinitrotoluene	14.662	165	7631	7.79	ng	# 10
57) 2,4-Dinitrotoluene	14.662	165	7631	5.36	ng	# 15
77) Benzidine	20.026	184	9873	2.66	ng	# 91

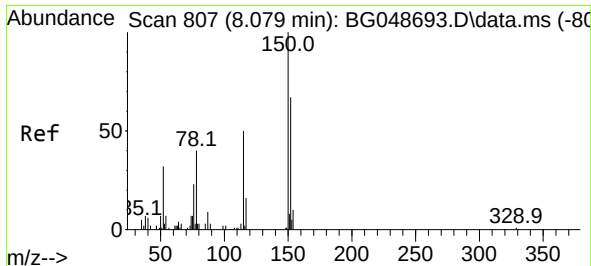
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042721\
Data File : BG048892.D
Acq On : 27 Apr 2021 18:38
Operator : CG/JU
Sample : M2186-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B2A

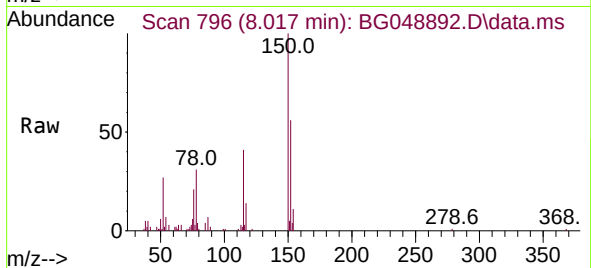
Quant Time: Apr 28 01:47:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 27 16:50:19 2021
Response via : Initial Calibration



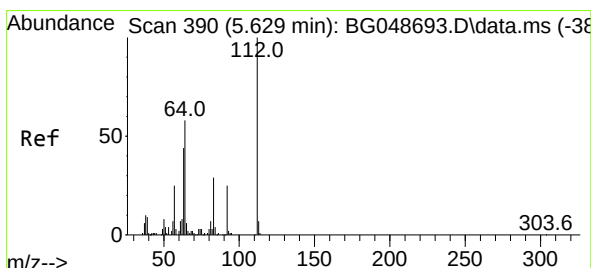
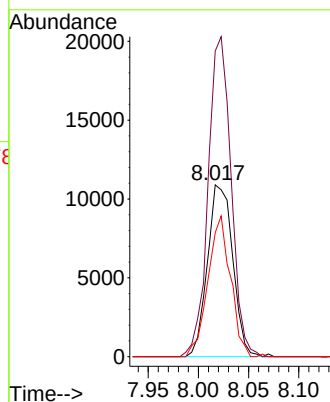
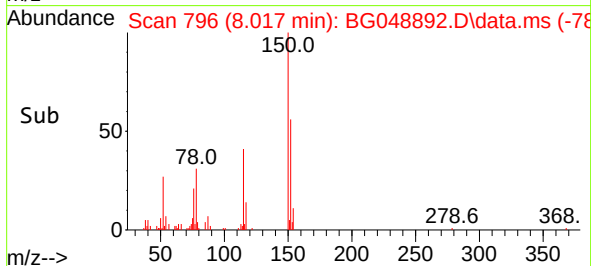


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.017 min Scan# 796
Delta R.T. -0.005 min
Lab File: BG048892.D
Acq: 27 Apr 2021 18:38

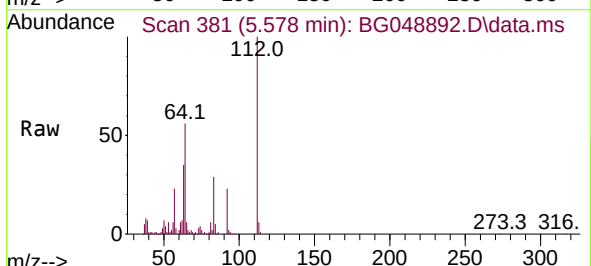
Instrument :
BNA_G
ClientSampled :
B2A



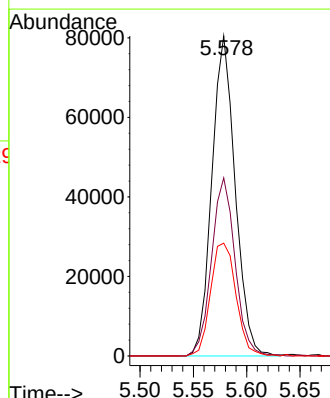
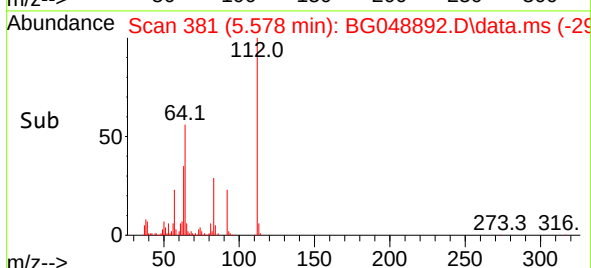
Tgt Ion:152 Resp: 19073
Ion Ratio Lower Upper
152 100
150 177.8 119.4 179.0
115 72.1 60.2 90.4

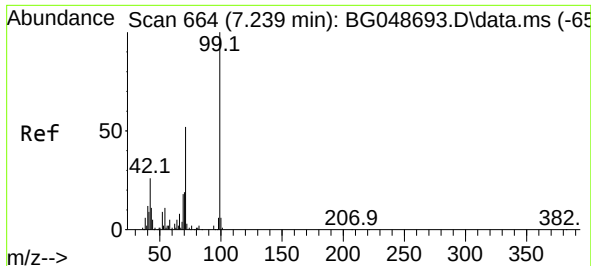


#5
2-Fluorophenol
Concen: 107.17 ng
RT: 5.578 min Scan# 381
Delta R.T. 0.001 min
Lab File: BG048892.D
Acq: 27 Apr 2021 18:38



Tgt Ion:112 Resp: 122214
Ion Ratio Lower Upper
112 100
64 55.7 46.7 70.1
63 35.3 35.3 52.9#

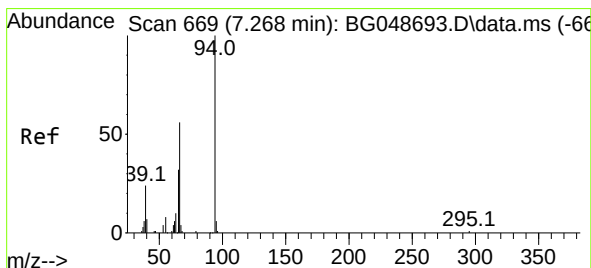
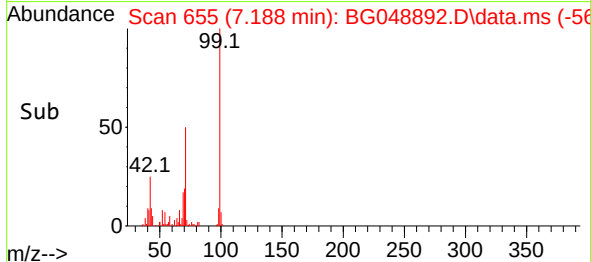
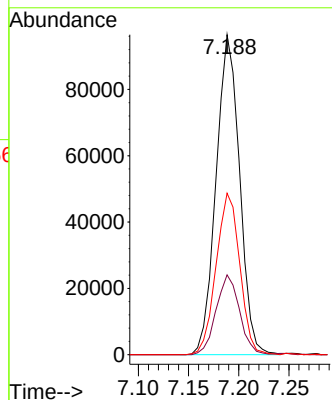
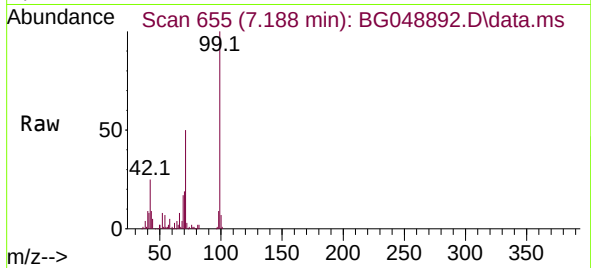




#7
Phenol-d6
Concen: 97.60 ng
RT: 7.188 min Scan# 655
Delta R.T. -0.005 min
Lab File: BG048892.D
Acq: 27 Apr 2021 18:38

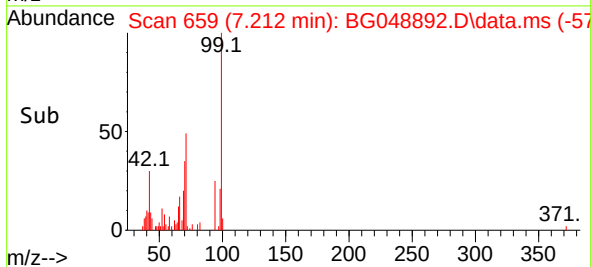
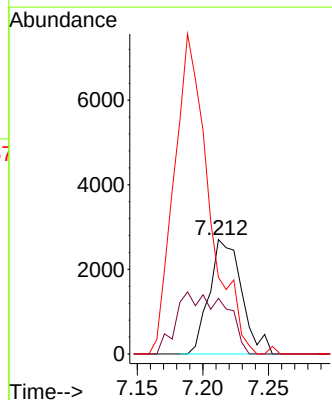
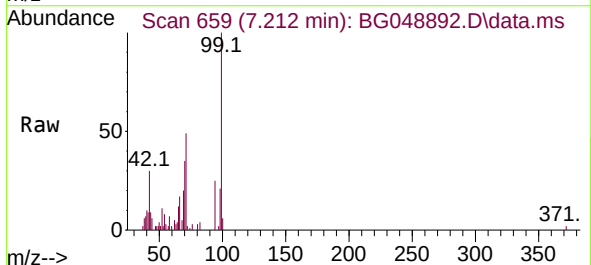
Instrument :
BNA_G
ClientSampled :
B2A

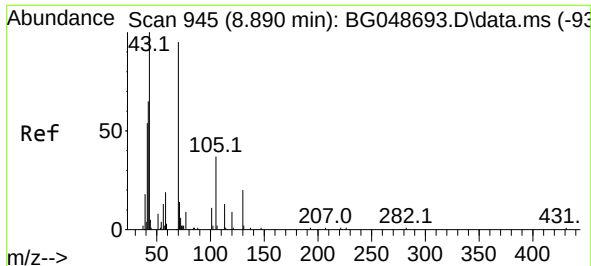
Tgt Ion: 99 Resp: 157439
Ion Ratio Lower Upper
99 100
42 25.0 20.5 30.7
71 50.5 41.5 62.3



#10
Phenol
Concen: 2.92 ng
RT: 7.212 min Scan# 659
Delta R.T. -0.005 min
Lab File: BG048892.D
Acq: 27 Apr 2021 18:38

Tgt Ion: 94 Resp: 4627
Ion Ratio Lower Upper
94 100
65 48.7 12.9 52.9
66 67.0 39.4 79.4

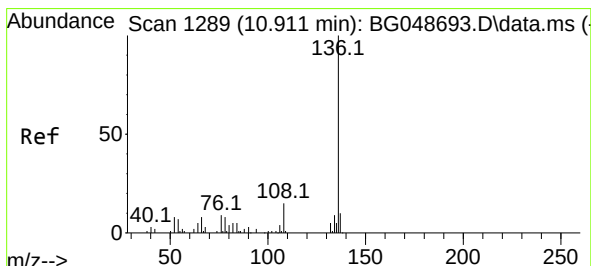
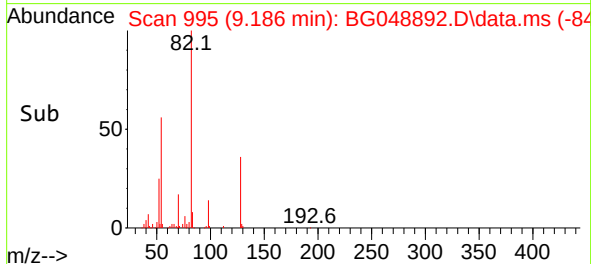
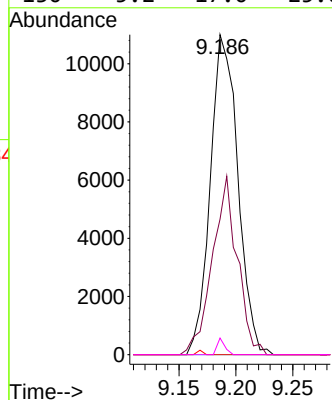
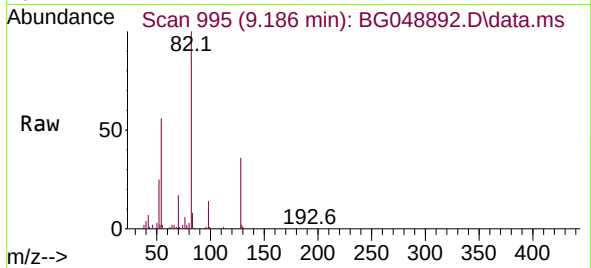




#19
n-Nitroso-di-n-propylamine
Concen: 17.03 ng
RT: 9.186 min Scan# 995
Delta R.T. 0.353 min
Lab File: BG048892.D
Acq: 27 Apr 2021 18:38

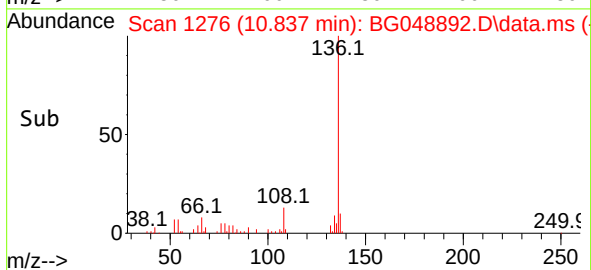
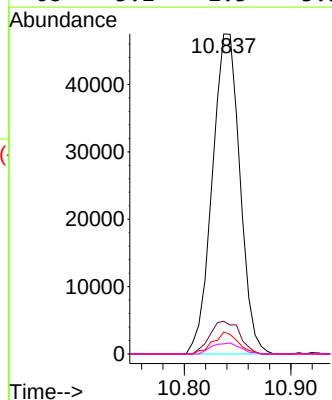
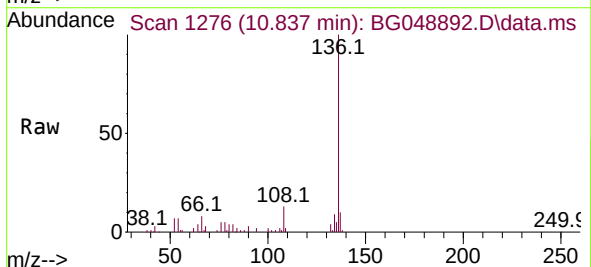
Instrument :
BNA_G
ClientSampled :
B2A

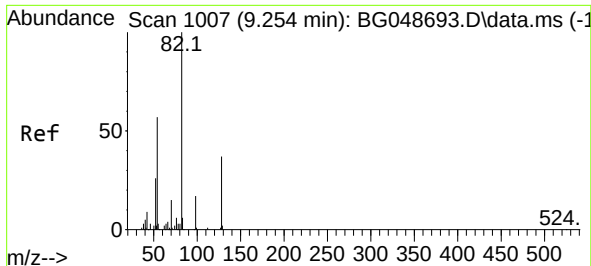
Tgt Ion: 70 Resp: 18532
Ion Ratio Lower Upper
70 100
42 42.3 54.5 81.7#
101 0.0 9.0 13.6#
130 5.2 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.837 min Scan# 1276
Delta R.T. -0.005 min
Lab File: BG048892.D
Acq: 27 Apr 2021 18:38

Tgt Ion: 136 Resp: 85325
Ion Ratio Lower Upper
136 100
137 10.2 8.2 12.2
54 6.9 5.5 8.3
68 3.2 2.3 3.5

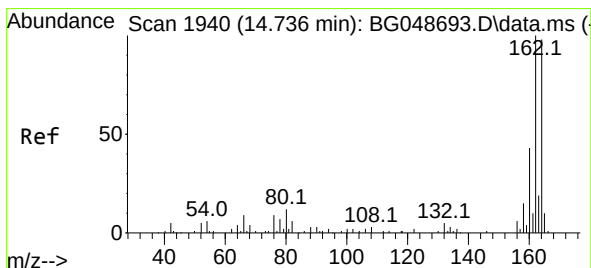
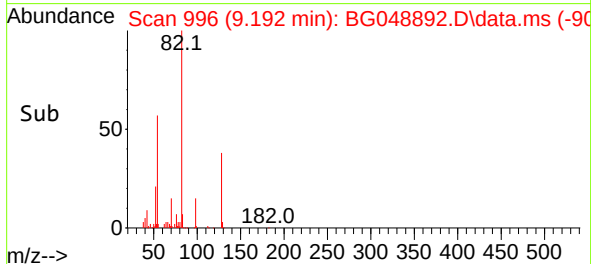
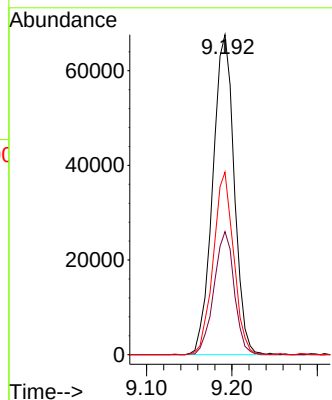
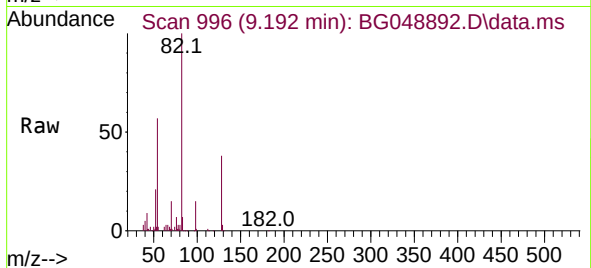




#23
Nitrobenzene-d5
Concen: 62.01 ng
RT: 9.192 min Scan# 996
Delta R.T. 0.001 min
Lab File: BG048892.D
Acq: 27 Apr 2021 18:38

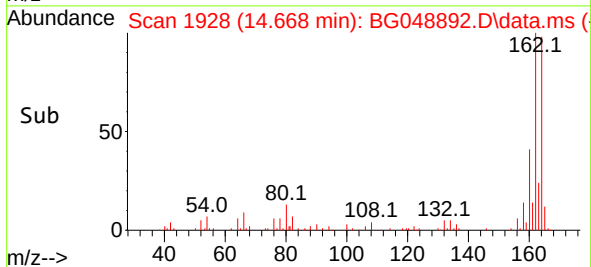
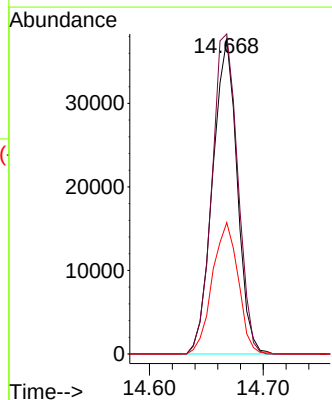
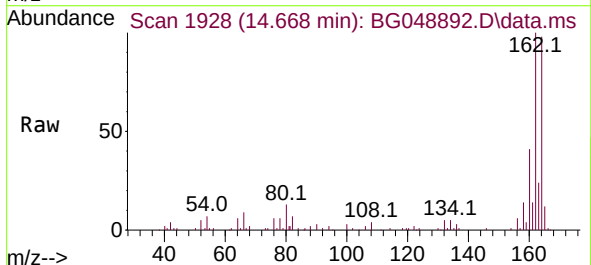
Instrument :
BNA_G
ClientSampled :
B2A

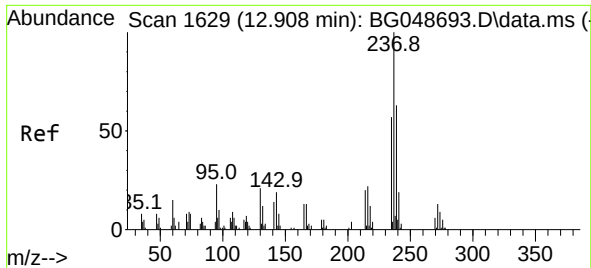
Tgt Ion: 82 Resp: 118173
Ion Ratio Lower Upper
82 100
128 38.5 29.8 44.6
54 57.0 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.668 min Scan# 1928
Delta R.T. 0.001 min
Lab File: BG048892.D
Acq: 27 Apr 2021 18:38

Tgt Ion: 164 Resp: 56598
Ion Ratio Lower Upper
164 100
162 101.7 81.4 122.0
160 41.8 34.9 52.3

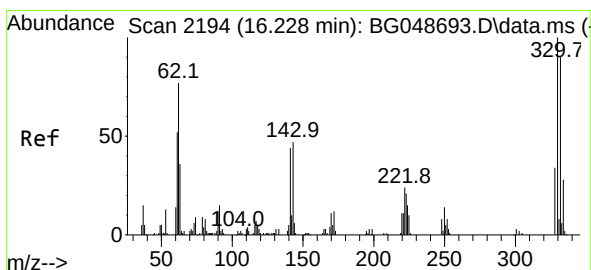
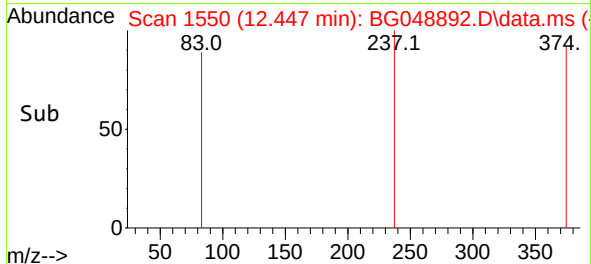
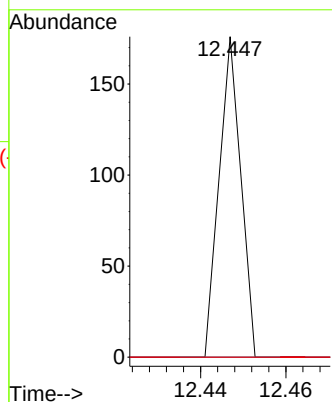
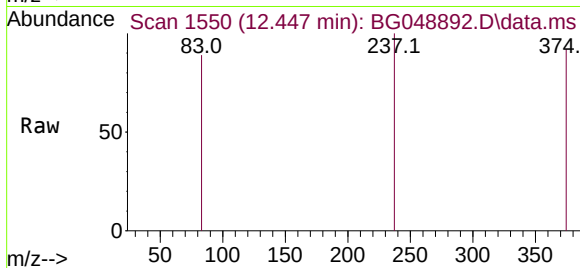




#41
Hexachlorocyclopentadiene
Concen: 5.92 ng
RT: 12.447 min Scan# 1550
Delta R.T. -0.393 min
Lab File: BG048892.D
Acq: 27 Apr 2021 18:38

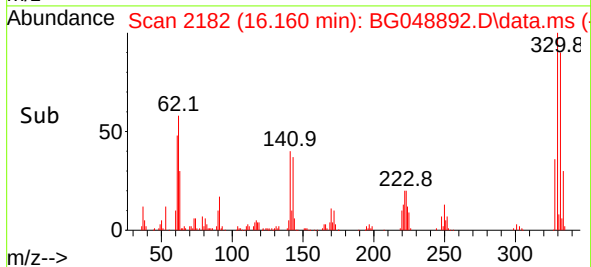
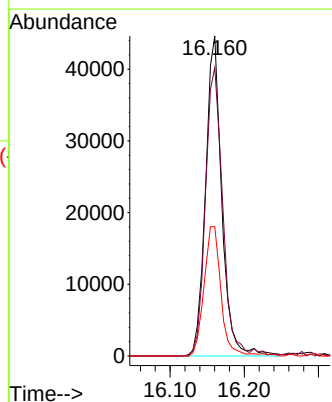
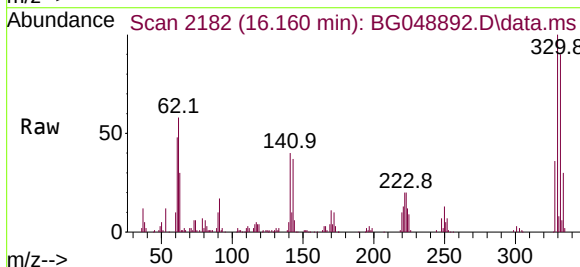
Instrument :
BNA_G
ClientSampleId :
B2A

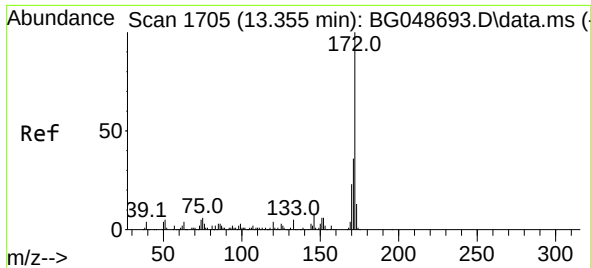
Tgt Ion:237	Resp:	62
Ion Ratio	Lower	Upper
237	100	
235	0.0	36.6 76.6#
272	0.0	0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 89.78 ng
RT: 16.160 min Scan# 2182
Delta R.T. -0.005 min
Lab File: BG048892.D
Acq: 27 Apr 2021 18:38

Tgt Ion:330	Resp:	68134
Ion Ratio	Lower	Upper
330	100	
332	94.7	77.3 115.9
141	42.4	35.6 53.4

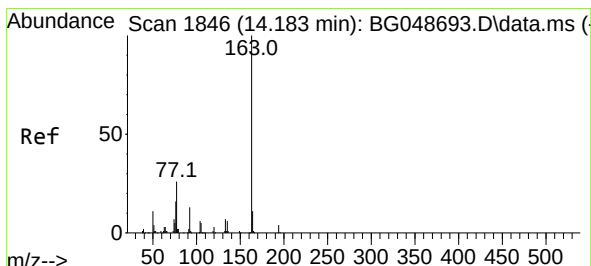
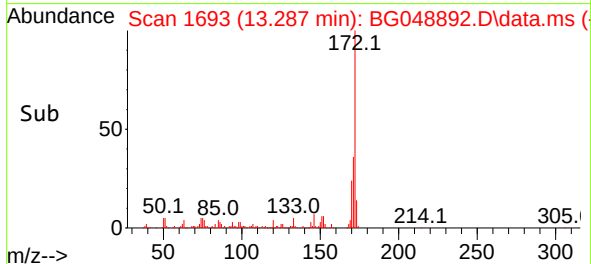
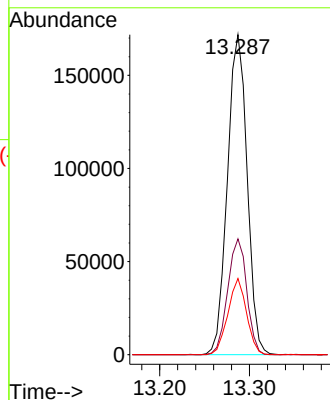
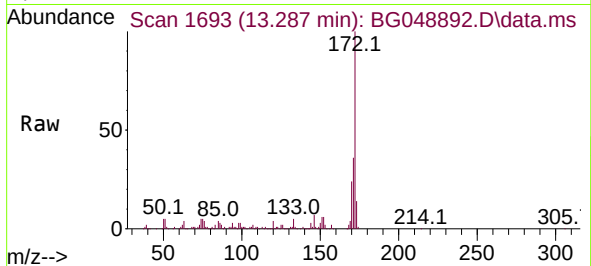




#45
2-Fluorobiphenyl
Concen: 66.88 ng
RT: 13.287 min Scan# 1693
Delta R.T. 0.001 min
Lab File: BG048892.D
Acq: 27 Apr 2021 18:38

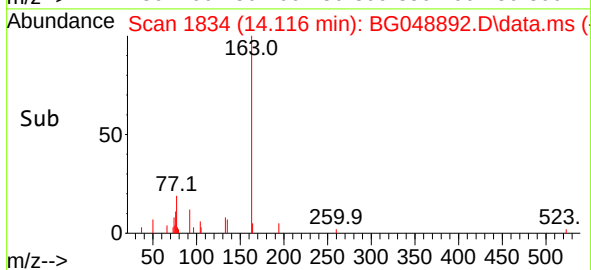
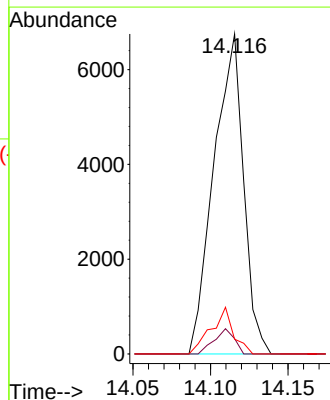
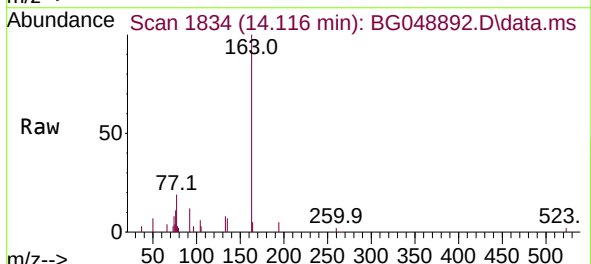
Instrument :
BNA_G
ClientSampleId :
B2A

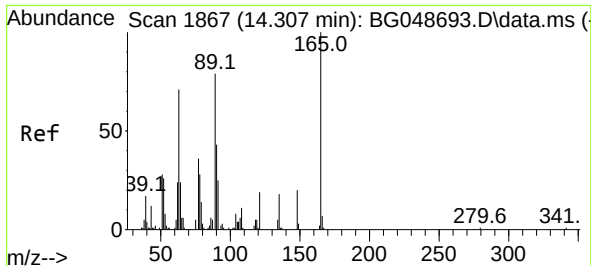
Tgt Ion:172	Resp:	262130
Ion Ratio	Lower	Upper
172	100	
171	36.2	28.6 43.0
170	23.8	18.6 27.8



#50
Dimethylphthalate
Concen: 2.11 ng
RT: 14.116 min Scan# 1834
Delta R.T. -0.005 min
Lab File: BG048892.D
Acq: 27 Apr 2021 18:38

Tgt Ion:163	Resp:	8952
Ion Ratio	Lower	Upper
163	100	
194	4.8	3.0 4.6#
164	4.6	8.6 12.8#

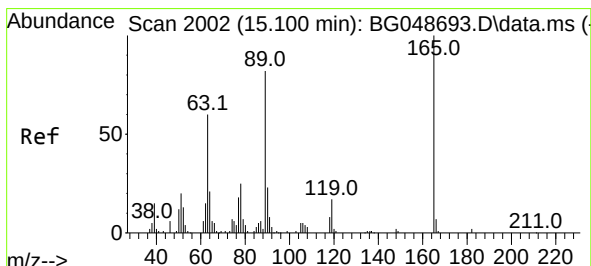
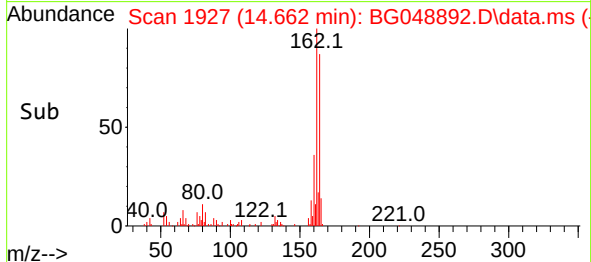
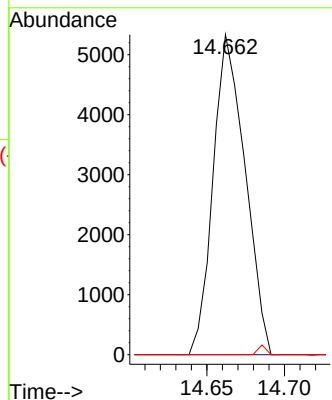
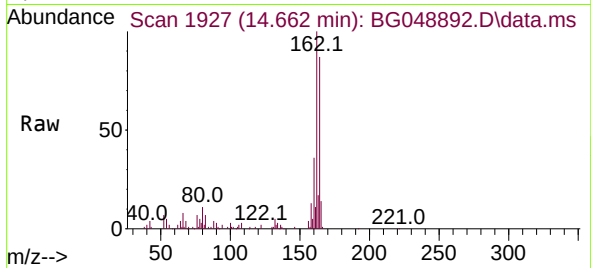




#51
2,6-Dinitrotoluene
Concen: 7.79 ng
RT: 14.662 min Scan# 1927
Delta R.T. 0.418 min
Lab File: BG048892.D
Acq: 27 Apr 2021 18:38

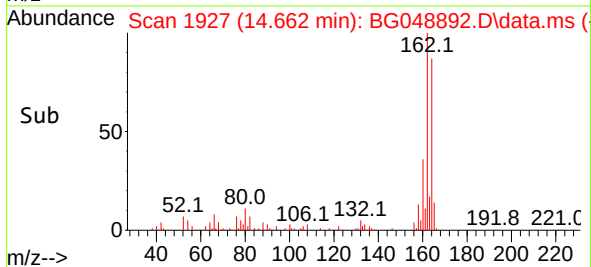
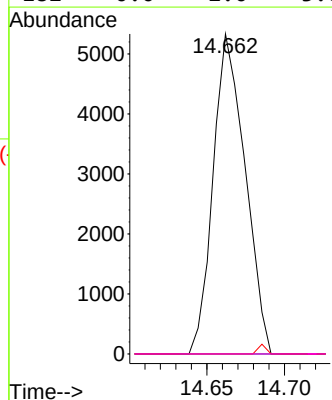
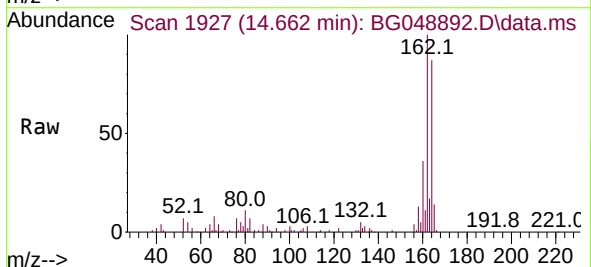
Instrument :
BNA_G
ClientSampled :
B2A

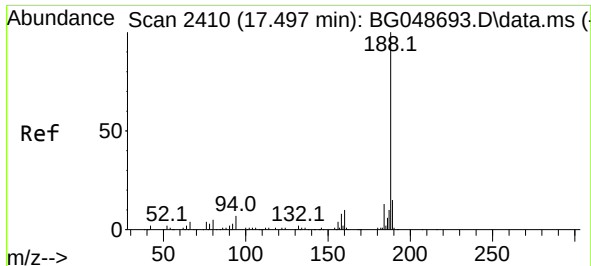
Tgt Ion:165 Resp: 7631
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.36 ng
RT: 14.662 min Scan# 1927
Delta R.T. -0.375 min
Lab File: BG048892.D
Acq: 27 Apr 2021 18:38

Tgt Ion:165 Resp: 7631
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#

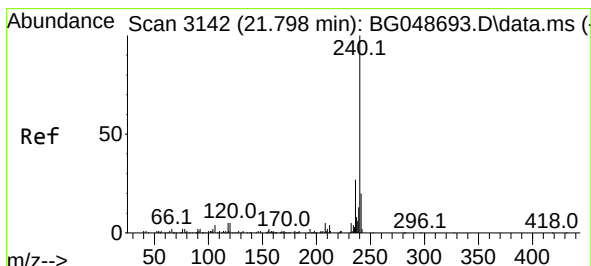
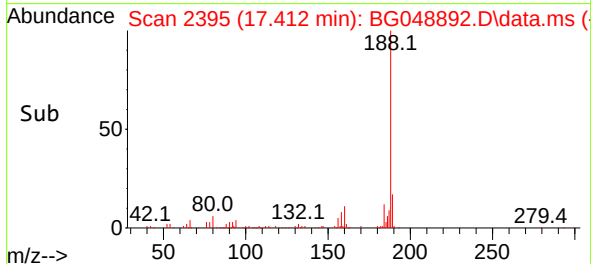
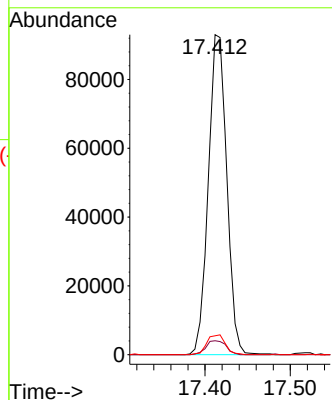
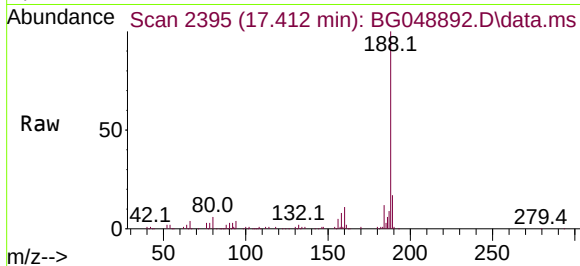




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.412 min Scan# 2395
Delta R.T. -0.005 min
Lab File: BG048892.D
Acq: 27 Apr 2021 18:38

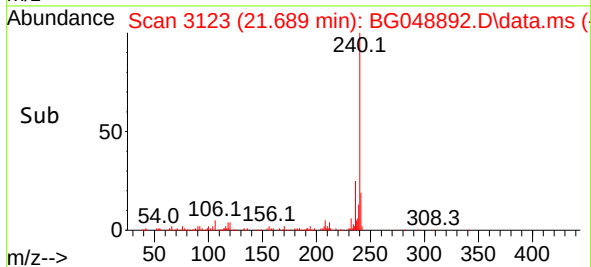
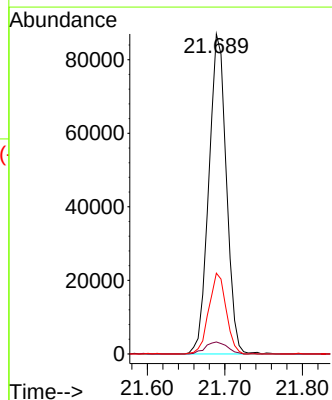
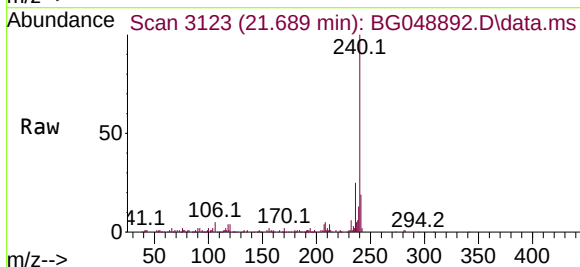
Instrument :
BNA_G
ClientSampled :
B2A

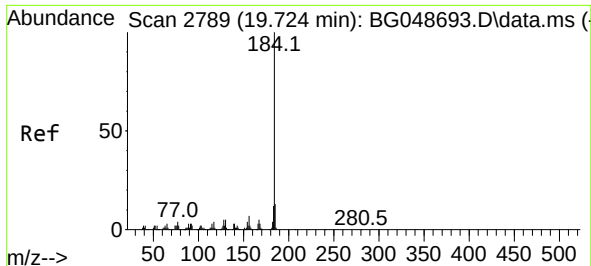
Tgt Ion:188 Resp: 140038
Ion Ratio Lower Upper
188 100
94 4.3 5.4 8.0#
80 5.9 3.7 5.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.689 min Scan# 3123
Delta R.T. -0.011 min
Lab File: BG048892.D
Acq: 27 Apr 2021 18:38

Tgt Ion:240 Resp: 136460
Ion Ratio Lower Upper
240 100
120 3.8 4.2 6.2#
236 25.3 21.8 32.6

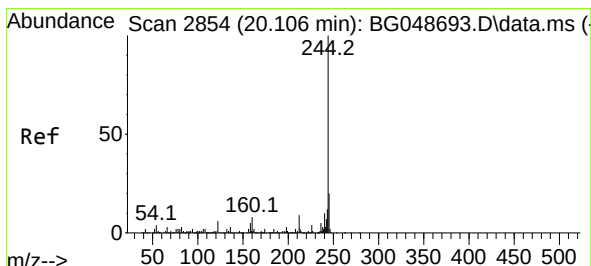
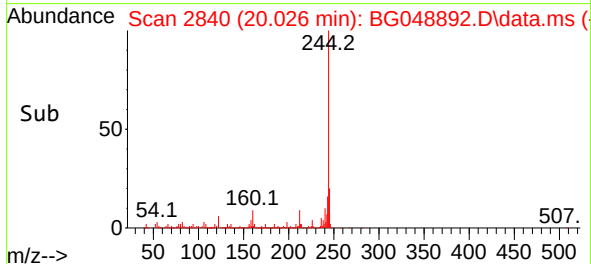
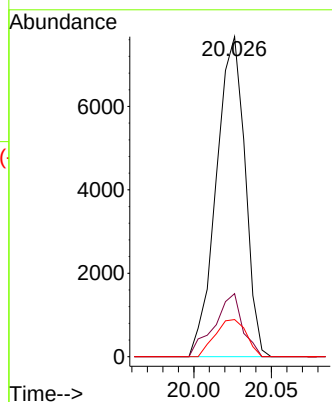
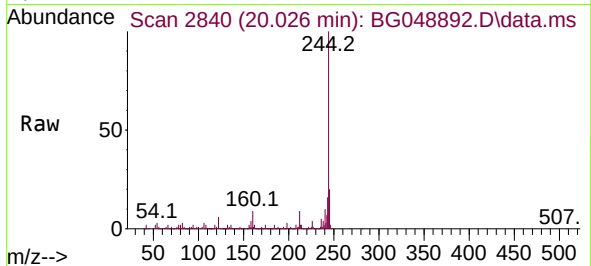




#77
Benzidine
Concen: 2.66 ng
RT: 20.026 min Scan# 2840
Delta R.T. 0.377 min
Lab File: BG048892.D
Acq: 27 Apr 2021 18:38

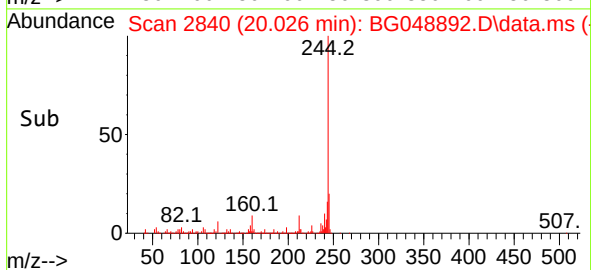
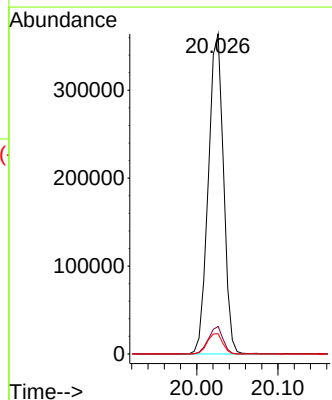
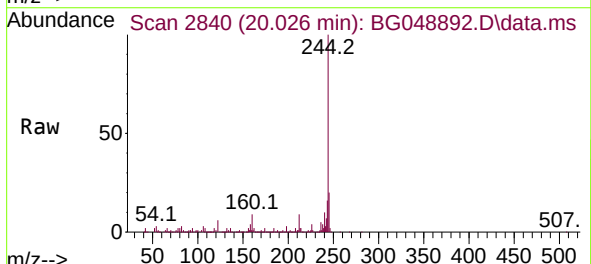
Instrument :
BNA_G
ClientSampled :
B2A

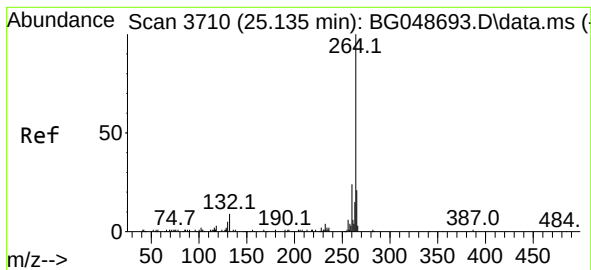
Tgt Ion:184 Resp: 9873
Ion Ratio Lower Upper
184 100
185 19.7 10.7 16.1#
183 11.6 9.4 14.0



#79
Terphenyl-d14
Concen: 59.55 ng
RT: 20.026 min Scan# 2840
Delta R.T. 0.001 min
Lab File: BG048892.D
Acq: 27 Apr 2021 18:38

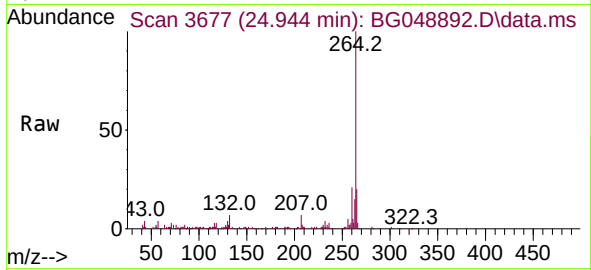
Tgt Ion:244 Resp: 472132
Ion Ratio Lower Upper
244 100
212 8.6 6.9 10.3
122 6.3 5.0 7.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.944 min Scan# 3677
Delta R.T. -0.011 min
Lab File: BG048892.D
Acq: 27 Apr 2021 18:38

Instrument :
BNA_G
ClientSampleId :
B2A



Tgt Ion:264 Resp: 133497

Ion	Ratio	Lower	Upper
264	100		
260	21.3	19.4	29.2
265	20.5	16.9	25.3

