

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040721\
 Data File : BG048630.D
 Acq On : 7 Apr 2021 23:45
 Operator : CG/JU
 Sample : M1949-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AR-1

Quant Time: Apr 08 03:36:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 07 10:06:00 2021
 Response via : Initial Calibration

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

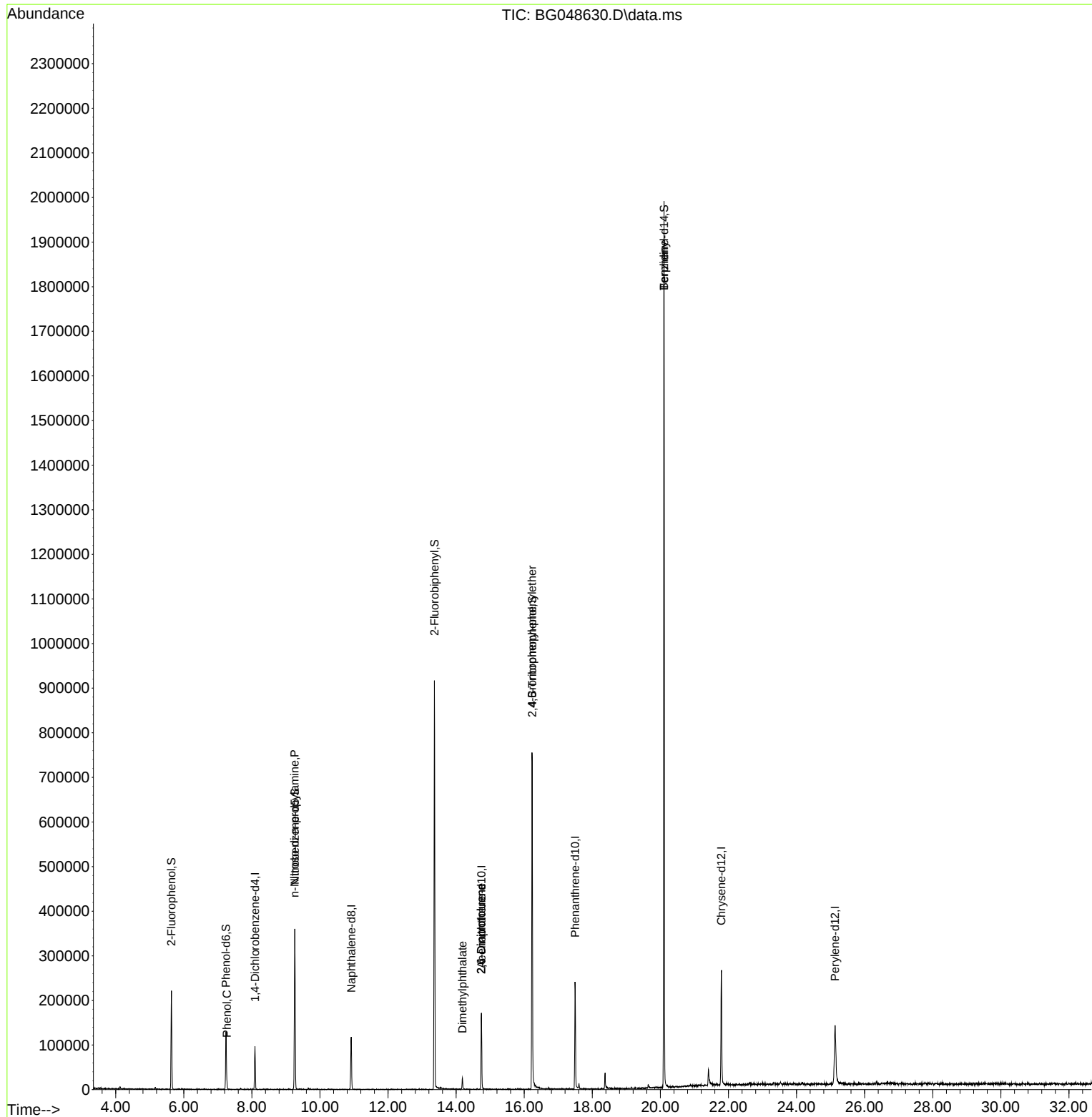
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.092	152	23842	20.00	ng	# 0.00
21) Naphthalene-d8	10.919	136	98638	20.00	ng	# 0.00
39) Acenaphthene-d10	14.743	164	62433	20.00	ng	0.00
64) Phenanthrene-d10	17.493	188	159901	20.00	ng	# 0.00
76) Chrysene-d12	21.794	240	172039	20.00	ng	# 0.00
86) Perylene-d12	25.131	264	164874	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.636	112	88291	65.38	ng	0.00
7) Phenol-d6	7.240	99	67231	34.33	ng	0.00
23) Nitrobenzene-d5	9.262	82	208787	102.48	ng	0.00
42) 2,4,6-Tribromophenol	16.236	330	142544	173.69	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	471250	112.19	ng	0.00
79) Terphenyl-d14	20.108	244	943991	100.35	ng	0.00
Target Compounds						
10) Phenol	7.270	94	4506	2.30	ng	Qvalue 91
19) n-Nitroso-di-n-propyla...	9.256	70	32883	24.36	ng	# 71
50) Dimethylphthalate	14.185	163	15210	3.28	ng	# 88
51) 2,6-Dinitrotoluene	14.738	165	9183	8.66	ng	# 19
57) 2,4-Dinitrotoluene	14.738	165	9183	6.12	ng	# 24
67) 4-Bromophenyl-phenylether	16.230	248	10846	6.12	ng	# 1
77) Benzidine	20.108	184	18392	3.16	ng	# 93

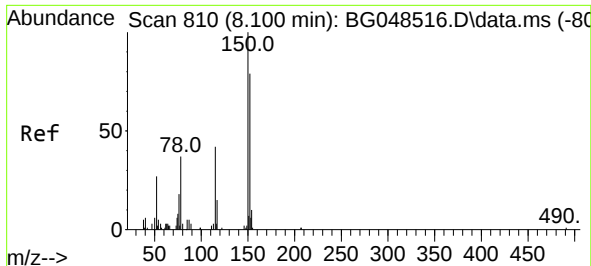
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 07 10:06:00 2021
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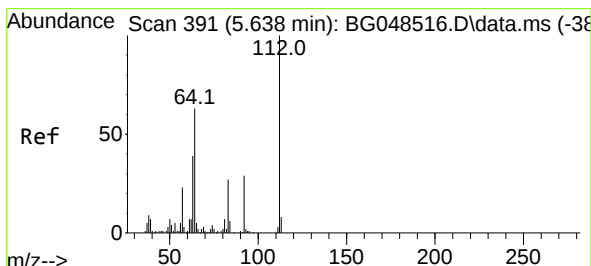
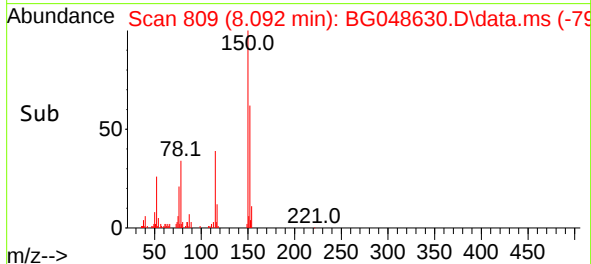
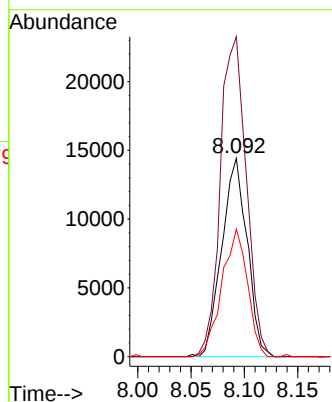
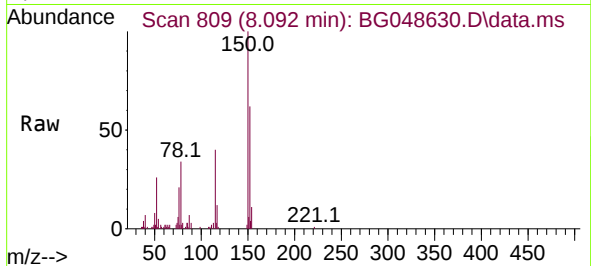




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.092 min Scan# 809
Delta R.T. -0.008 min
Lab File: BG048630.D
Acq: 7 Apr 2021 23:45

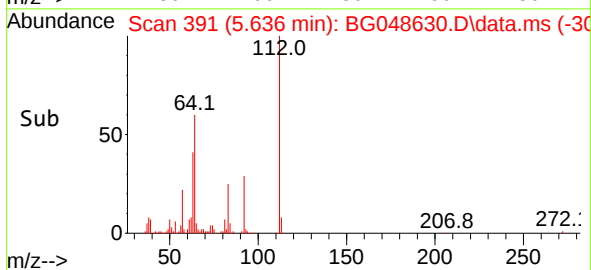
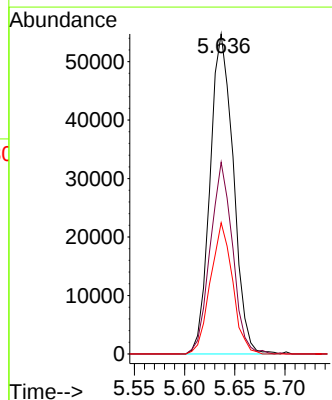
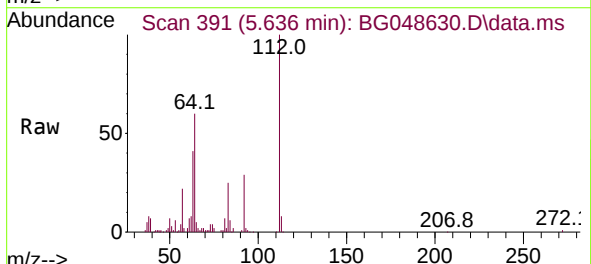
Instrument :
BNA_G
ClientSampled :
AR-1

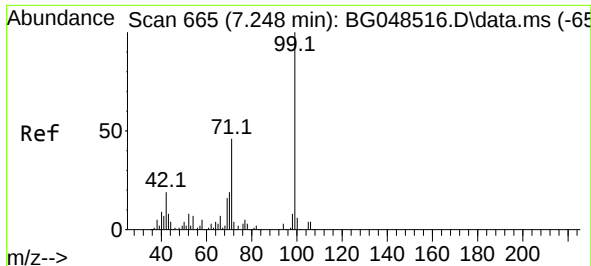
Tgt Ion:152 Resp: 23842
Ion Ratio Lower Upper
152 100
150 161.3 101.3 151.9#
115 64.4 42.3 63.5#



#5
2-Fluorophenol
Concen: 65.38 ng
RT: 5.636 min Scan# 391
Delta R.T. -0.002 min
Lab File: BG048630.D
Acq: 7 Apr 2021 23:45

Tgt Ion:112 Resp: 88291
Ion Ratio Lower Upper
112 100
64 59.9 50.4 75.6
63 41.0 31.4 47.2

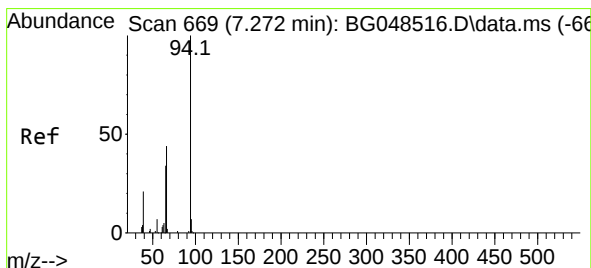
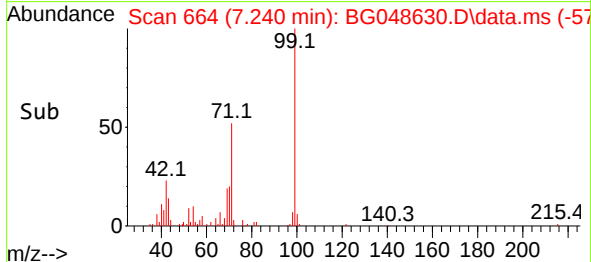
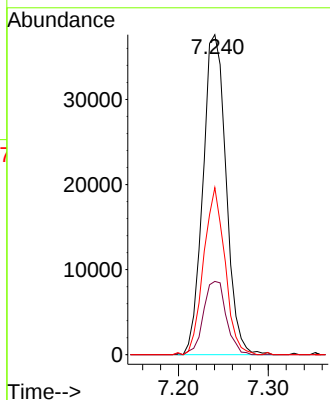
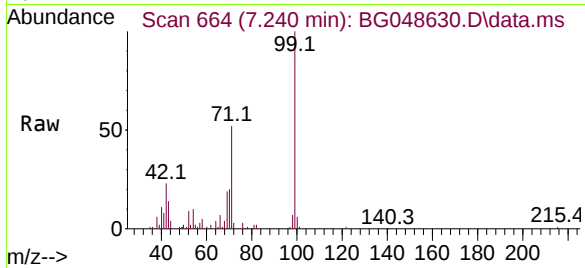




#7
Phenol-d6
Concen: 34.33 ng
RT: 7.240 min Scan# 664
Delta R.T. -0.008 min
Lab File: BG048630.D
Acq: 7 Apr 2021 23:45

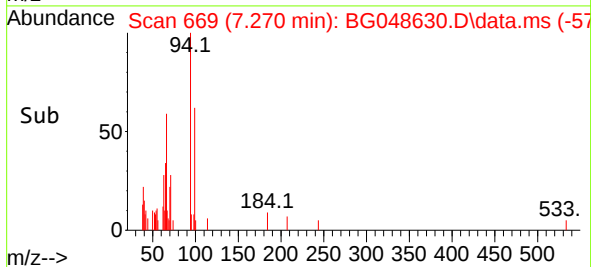
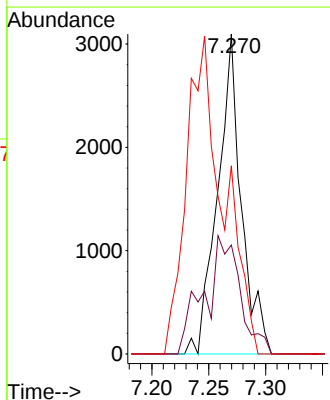
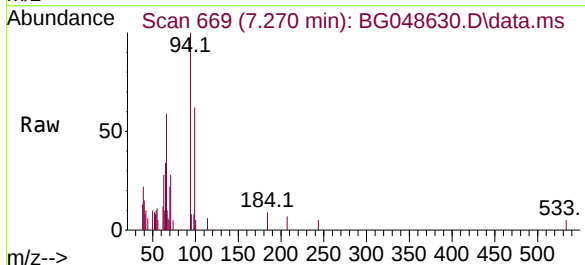
Instrument :
BNA_G
ClientSampled :
AR-1

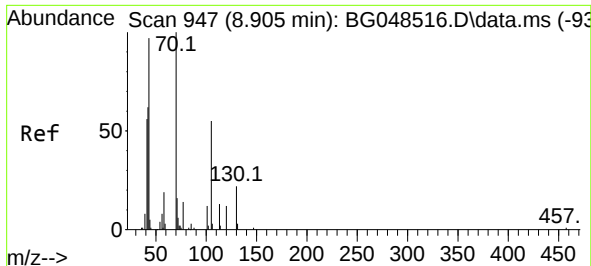
Tgt Ion: 99 Resp: 67231
Ion Ratio Lower Upper
99 100
42 22.9 15.5 23.3
71 52.2 36.6 54.8



#10
Phenol
Concen: 2.30 ng
RT: 7.270 min Scan# 669
Delta R.T. -0.002 min
Lab File: BG048630.D
Acq: 7 Apr 2021 23:45

Tgt Ion: 94 Resp: 4506
Ion Ratio Lower Upper
94 100
65 34.1 15.1 55.1
66 58.8 28.9 68.9

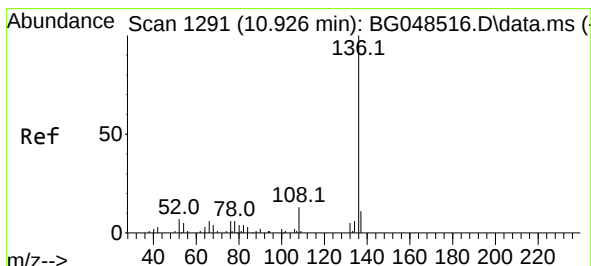
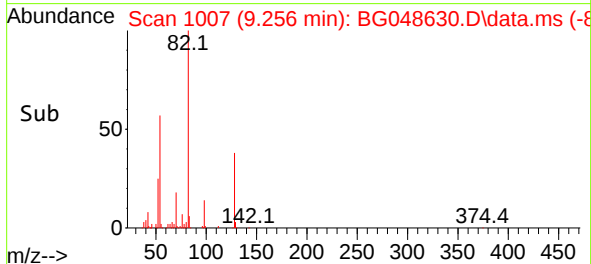
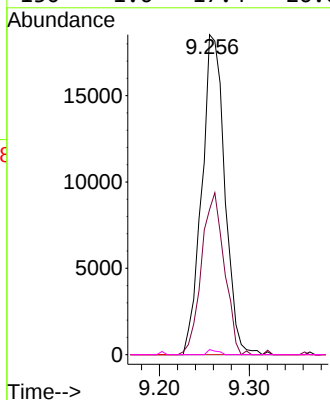
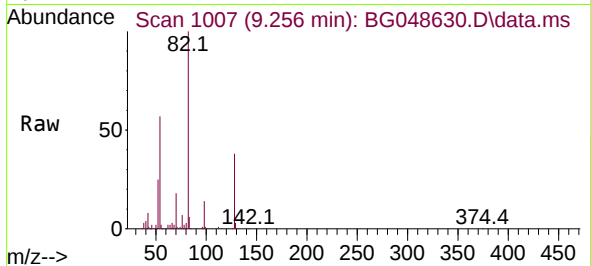




#19
n-Nitroso-di-n-propylamine
Concen: 24.36 ng
RT: 9.256 min Scan# 1007
Delta R.T. 0.351 min
Lab File: BG048630.D
Acq: 7 Apr 2021 23:45

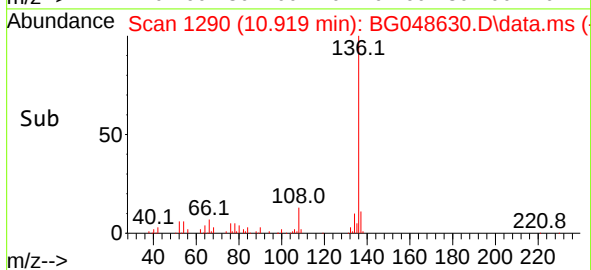
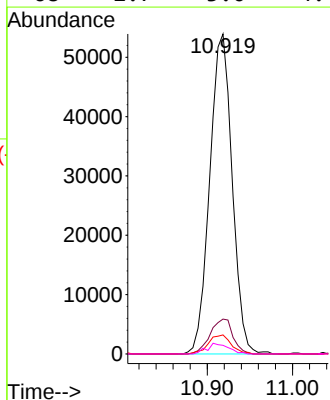
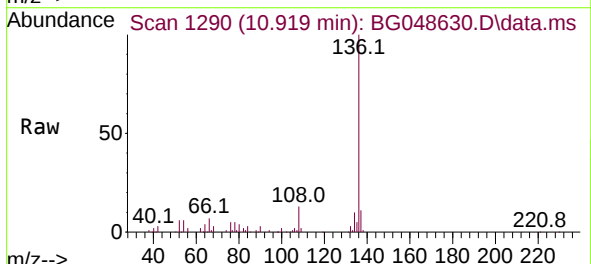
Instrument :
BNA_G
ClientSampled :
AR-1

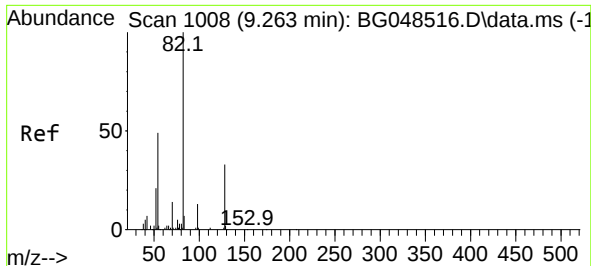
Tgt Ion: 70 Resp: 32883
Ion Ratio Lower Upper
70 100
42 45.4 50.8 76.2#
101 0.0 9.7 14.5#
130 1.6 17.4 26.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.919 min Scan# 1290
Delta R.T. -0.008 min
Lab File: BG048630.D
Acq: 7 Apr 2021 23:45

Tgt Ion: 136 Resp: 98638
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.0 4.2 6.4
68 2.7 3.0 4.4#

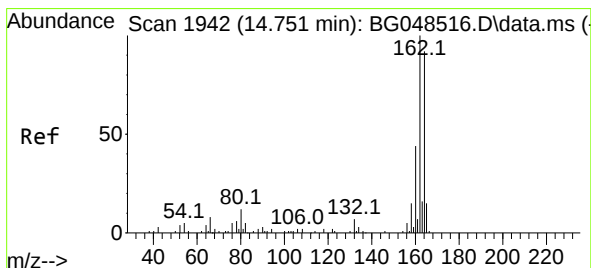
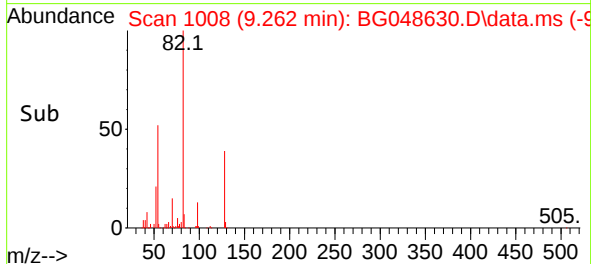
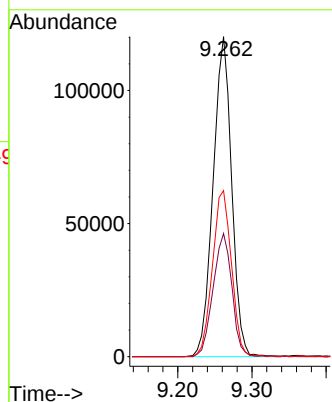
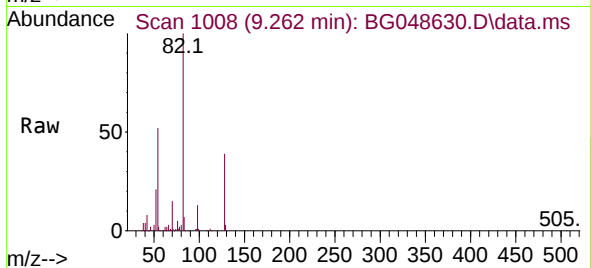




#23
Nitrobenzene-d5
Concen: 102.48 ng
RT: 9.262 min Scan# 1008
Delta R.T. -0.002 min
Lab File: BG048630.D
Acq: 7 Apr 2021 23:45

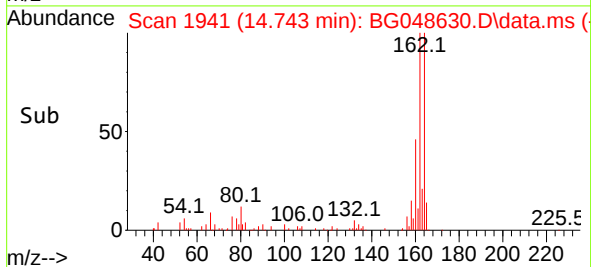
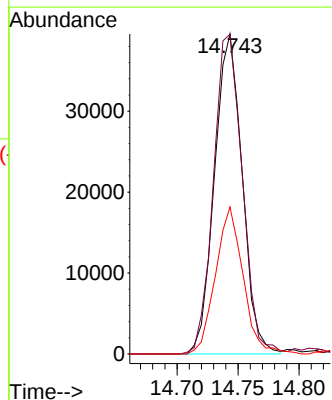
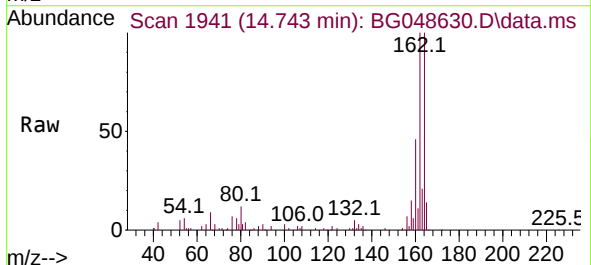
Instrument :
BNA_G
ClientSampleId :
AR-1

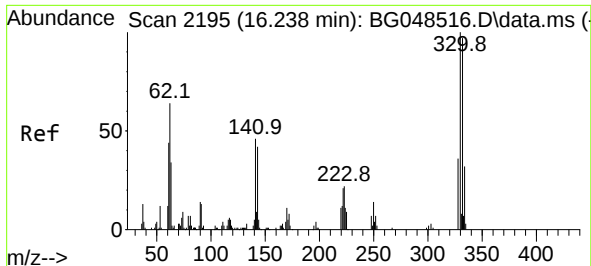
Tgt Ion: 82 Resp: 208787
Ion Ratio Lower Upper
82 100
128 38.5 26.2 39.4
54 51.9 38.9 58.3



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.743 min Scan# 1941
Delta R.T. -0.008 min
Lab File: BG048630.D
Acq: 7 Apr 2021 23:45

Tgt Ion:164 Resp: 62433
Ion Ratio Lower Upper
164 100
162 99.9 87.0 130.6
160 45.9 38.4 57.6

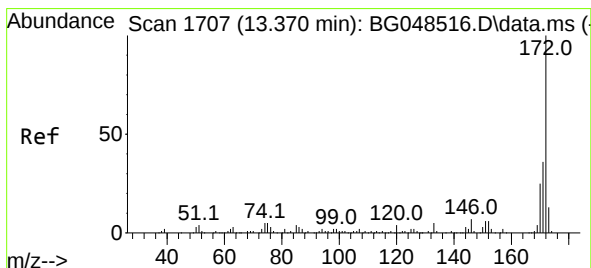
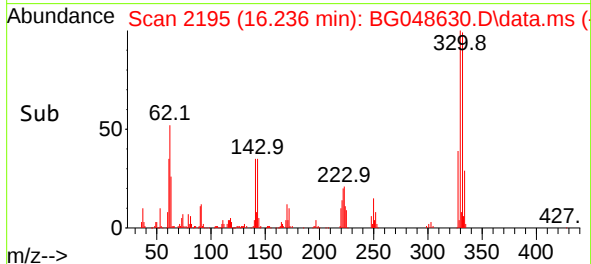
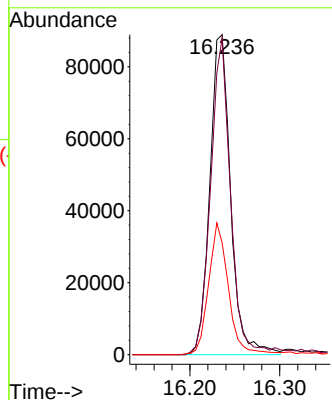
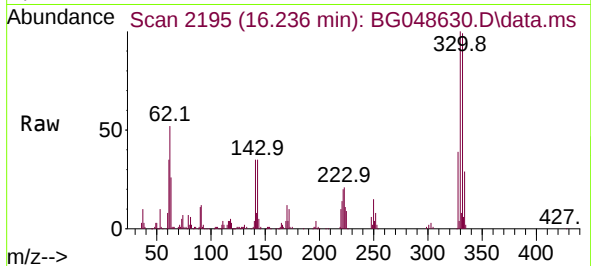




#42
2,4,6-Tribromophenol
Concen: 173.69 ng
RT: 16.236 min Scan# 2195
Delta R.T. -0.002 min
Lab File: BG048630.D
Acq: 7 Apr 2021 23:45

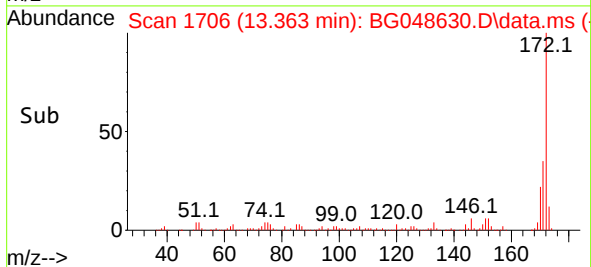
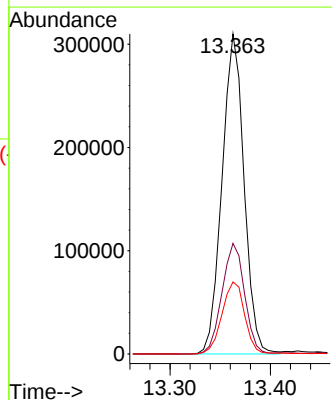
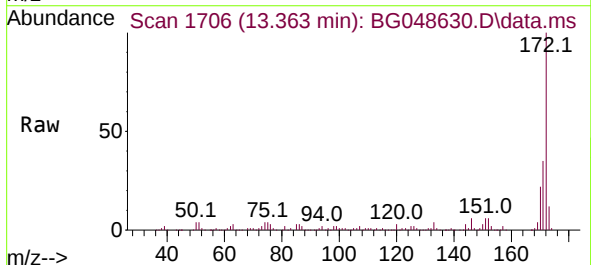
Instrument :
BNA_G
ClientSampled :
AR-1

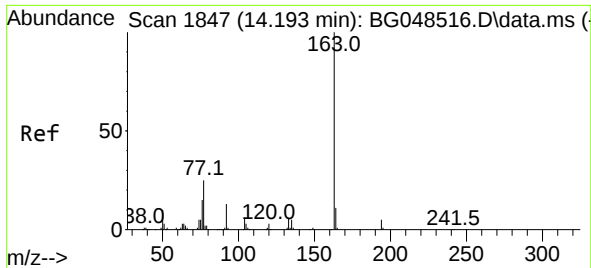
Tgt Ion:330 Resp: 142544
Ion Ratio Lower Upper
330 100
332 94.3 77.6 116.4
141 39.4 34.6 52.0



#45
2-Fluorobiphenyl
Concen: 112.19 ng
RT: 13.363 min Scan# 1706
Delta R.T. -0.008 min
Lab File: BG048630.D
Acq: 7 Apr 2021 23:45

Tgt Ion:172 Resp: 471250
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 22.5 19.8 29.6

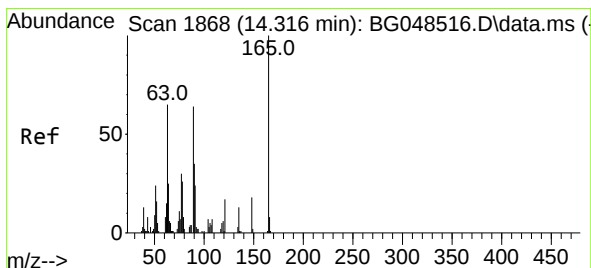
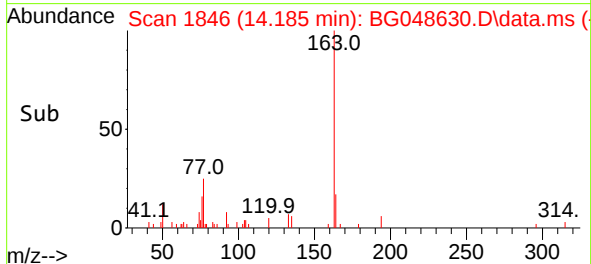
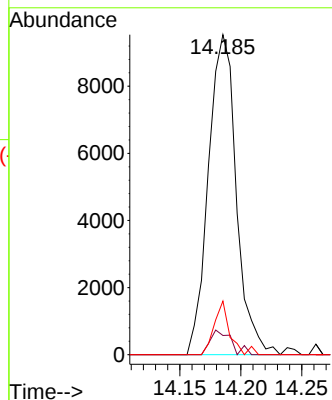
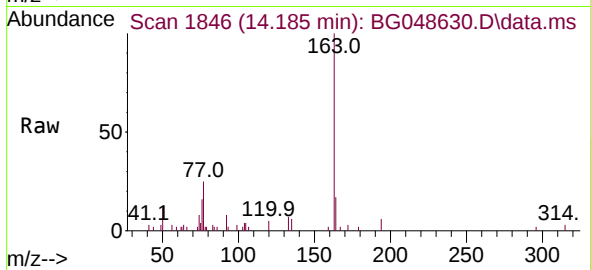




#50
Dimethylphthalate
Concen: 3.28 ng
RT: 14.185 min Scan# 1846
Delta R.T. -0.008 min
Lab File: BG048630.D
Acq: 7 Apr 2021 23:45

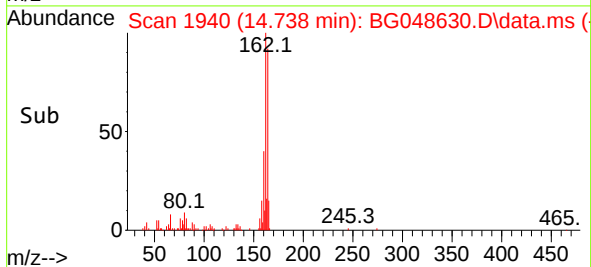
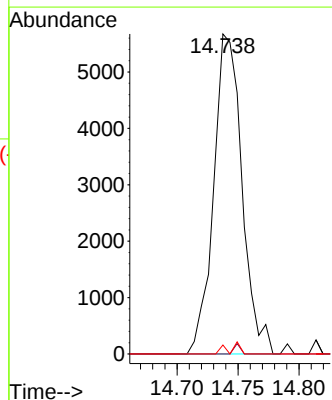
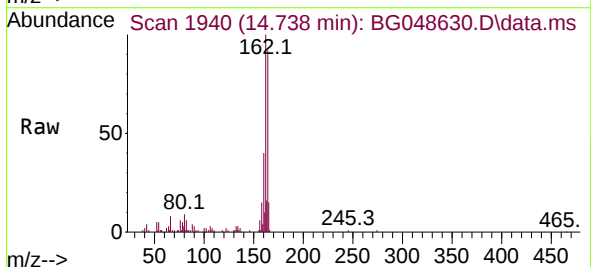
Instrument :
BNA_G
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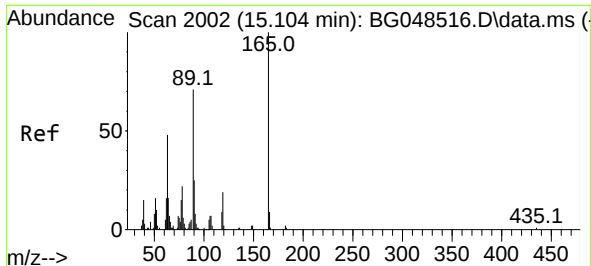
Tgt Ion:163 Resp: 15210
Ion Ratio Lower Upper
163 100
194 6.0 4.1 6.1
164 16.8 8.6 12.8#



#51
2,6-Dinitrotoluene
Concen: 8.66 ng
RT: 14.738 min Scan# 1940
Delta R.T. 0.421 min
Lab File: BG048630.D
Acq: 7 Apr 2021 23:45

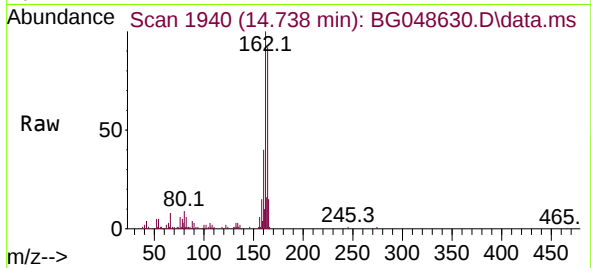
Tgt Ion:165 Resp: 9183
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.6#
89 2.8 50.8 76.2#



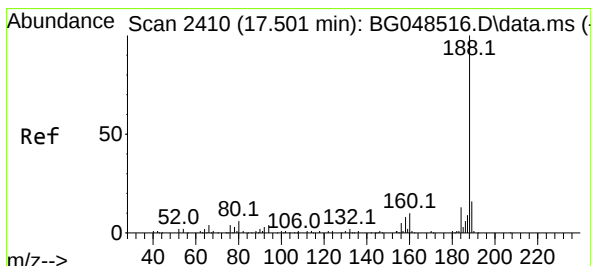
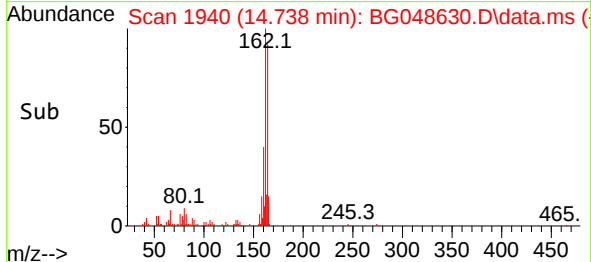
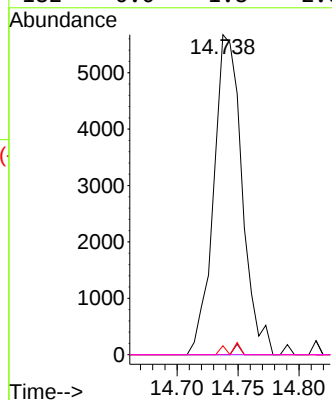


#57
2,4-Dinitrotoluene
Concen: 6.12 ng
RT: 14.738 min Scan# 1940
Delta R.T. -0.366 min
Lab File: BG048630.D
Acq: 7 Apr 2021 23:45

Instrument :
BNA_G
ClientSampled :
AR-1

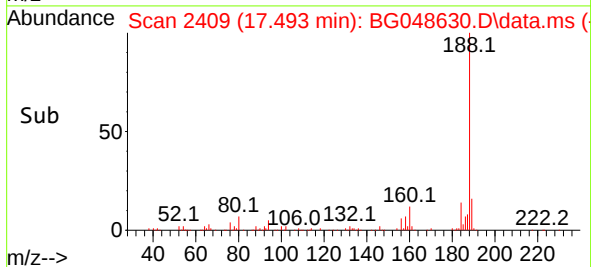
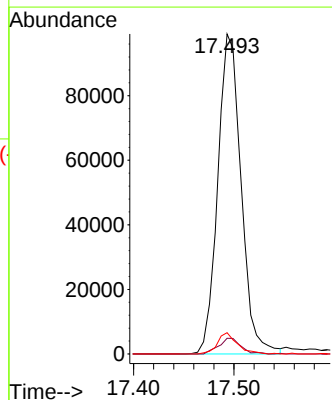
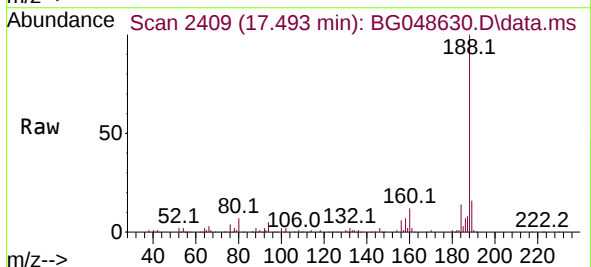


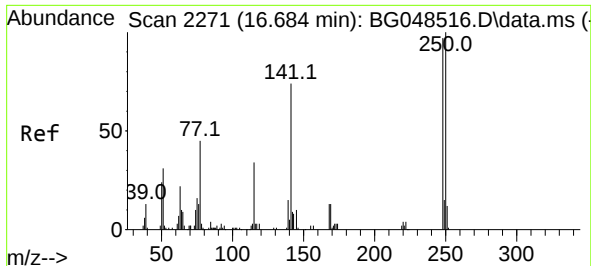
Tgt Ion:165 Resp: 9183
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 2.8 56.5 84.7#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.493 min Scan# 2409
Delta R.T. -0.008 min
Lab File: BG048630.D
Acq: 7 Apr 2021 23:45

Tgt Ion:188 Resp: 159901
Ion Ratio Lower Upper
188 100
94 4.9 3.0 4.6#
80 6.7 4.5 6.7

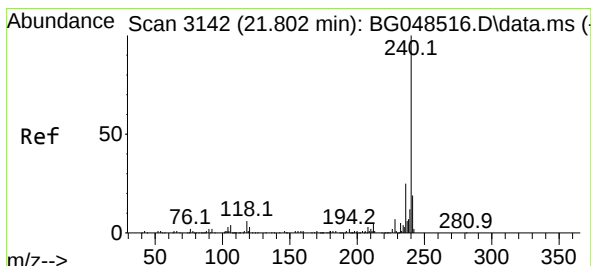
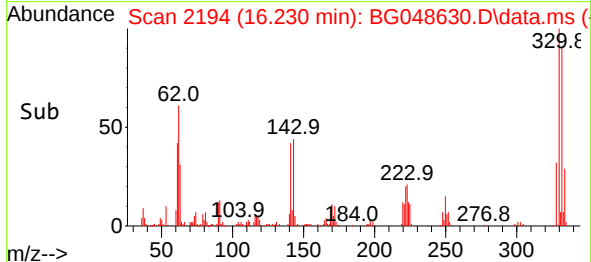
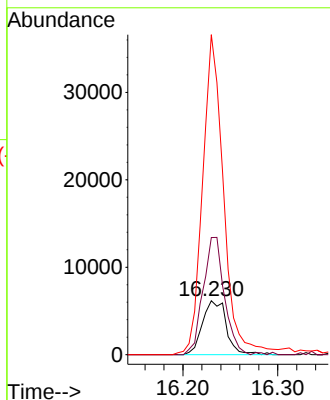
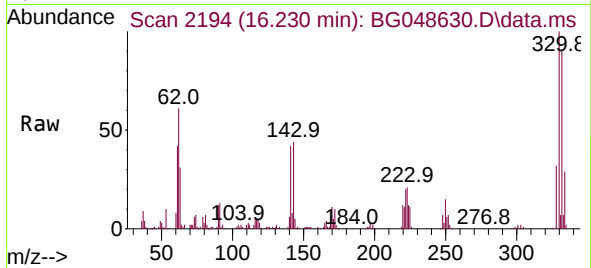




#67
4-Bromophenyl-phenylether
Concen: 6.12 ng
RT: 16.230 min Scan# 2194
Delta R.T. -0.454 min
Lab File: BG048630.D
Acq: 7 Apr 2021 23:45

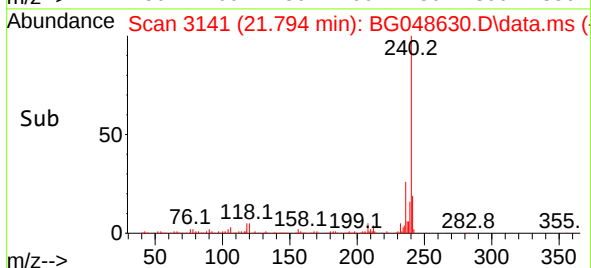
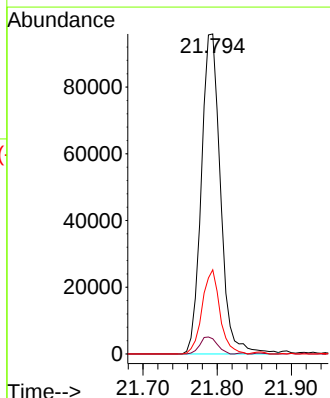
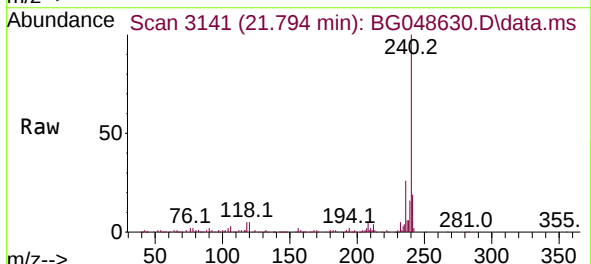
Instrument :
BNA_G
ClientSampled :
AR-1

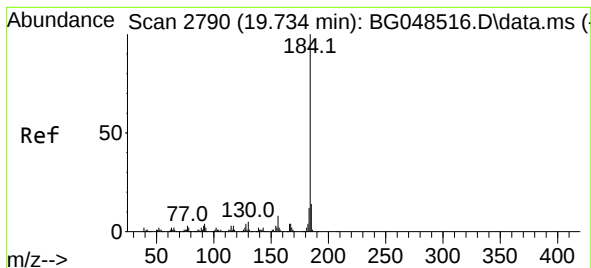
Tgt Ion:248 Resp: 10846
Ion Ratio Lower Upper
248 100
250 217.6 82.6 124.0#
141 594.2 61.0 91.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.794 min Scan# 3141
Delta R.T. -0.008 min
Lab File: BG048630.D
Acq: 7 Apr 2021 23:45

Tgt Ion:240 Resp: 172039
Ion Ratio Lower Upper
240 100
120 4.7 2.6 3.8#
236 26.3 19.8 29.6





#77

Benzidine

Concen: 3.16 ng

RT: 20.108 min Scan# 2854

Delta R.T. 0.374 min

Lab File: BG048630.D

Acq: 7 Apr 2021 23:45

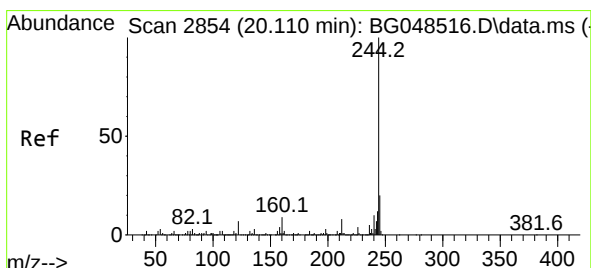
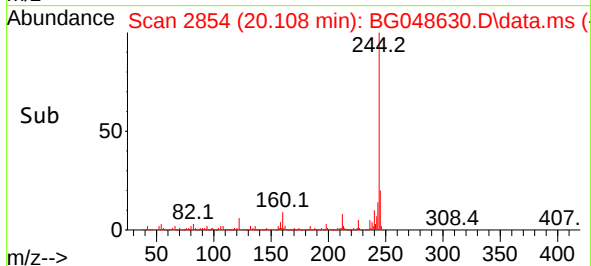
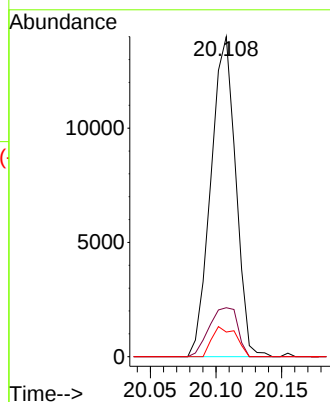
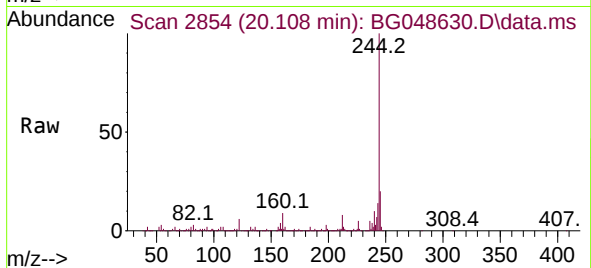
Instrument :

BNA_G

ClientSampled :

AR-1

Tgt Ion:184	Resp:	18392
Ion Ratio	Lower	Upper
184	100	
185	15.3	11.0 16.4
183	7.7	9.2 13.8#



#79

Terphenyl-d14

Concen: 100.35 ng

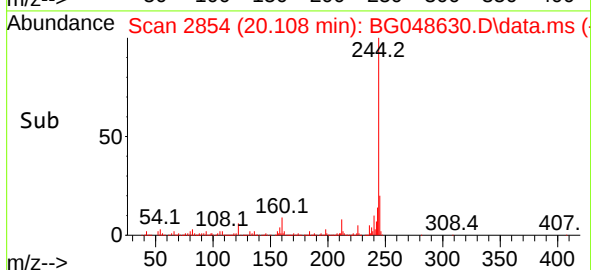
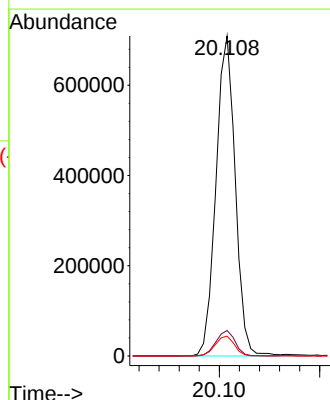
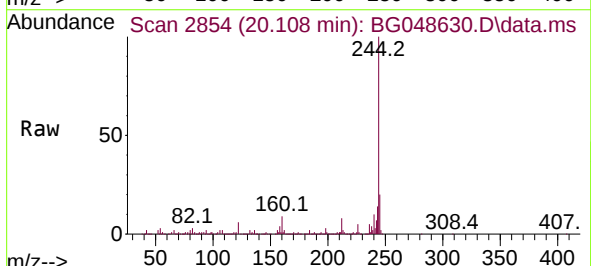
RT: 20.108 min Scan# 2854

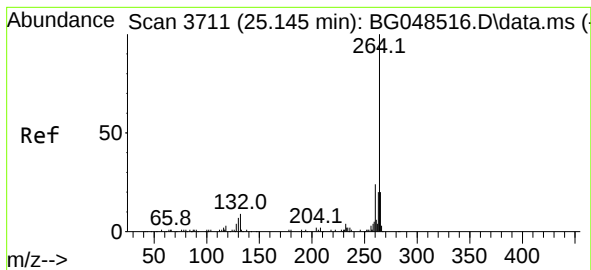
Delta R.T. -0.002 min

Lab File: BG048630.D

Acq: 7 Apr 2021 23:45

Tgt Ion:244	Resp:	943991
Ion Ratio	Lower	Upper
244	100	
212	8.0	6.0 9.0
122	6.2	5.8 8.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.131 min Scan# 3709
 Delta R.T. -0.014 min
 Lab File: BG048630.D
 Acq: 7 Apr 2021 23:45

Instrument :
 BNA_G
 ClientSampleId :
 AR-1

Tgt Ion:264	Resp:	164874	
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	22.0	16.1	24.1

