

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042021\
 Data File : BG048806.D
 Acq On : 20 Apr 2021 22:53
 Operator : CG/JU
 Sample : M2076-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-15-9.5-10.0

Quant Time: Apr 21 04:33:34 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 20 17:33:30 2021
 Response via : Initial Calibration

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

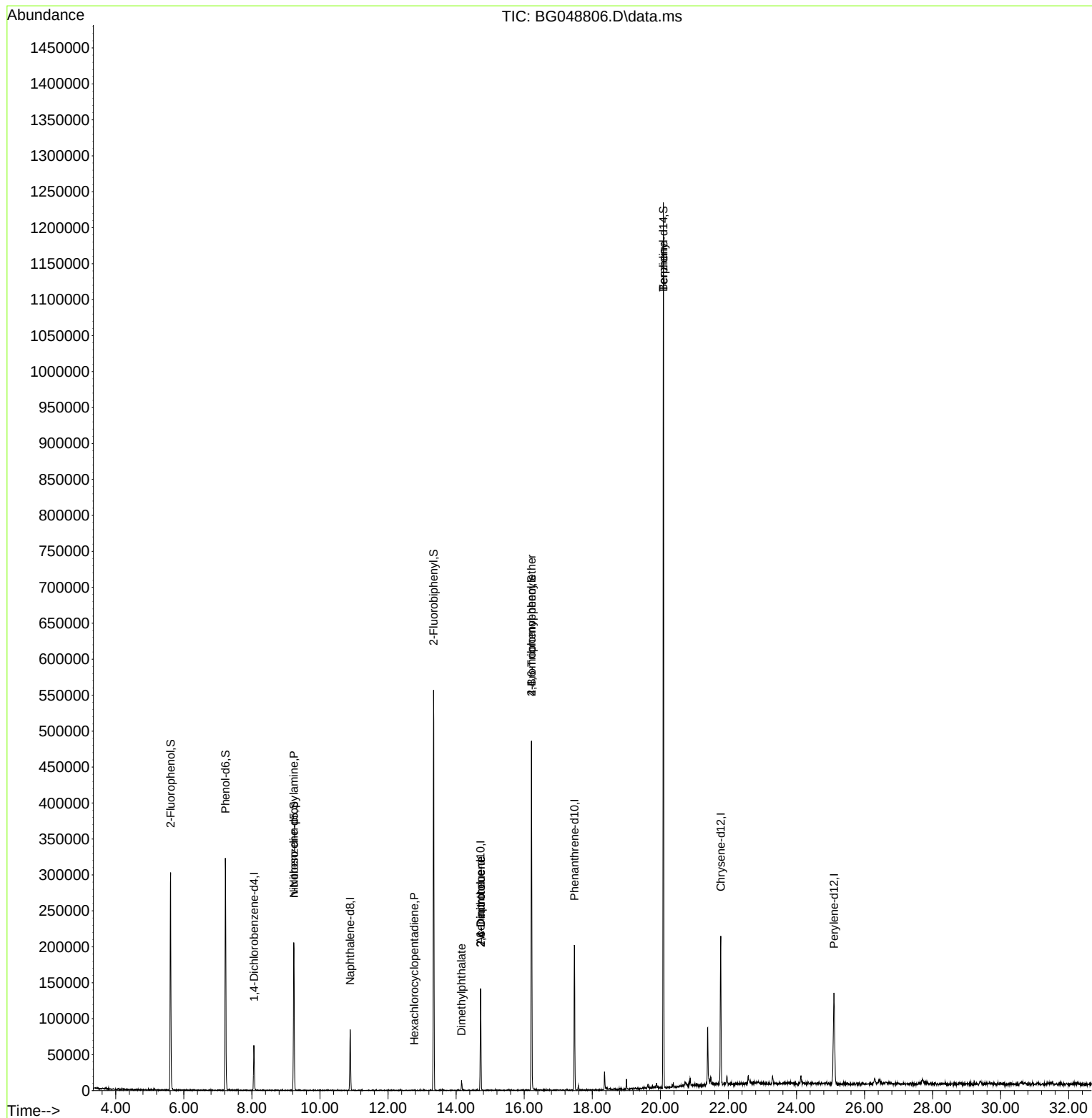
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	15421	20.00	ng	0.00
21) Naphthalene-d8	10.888	136	66305	20.00	ng	# 0.00
39) Acenaphthene-d10	14.718	164	46991	20.00	ng	0.00
64) Phenanthrene-d10	17.474	188	125235	20.00	ng	# 0.00
76) Chrysene-d12	21.775	240	124427	20.00	ng	# 0.00
86) Perylene-d12	25.100	264	126490	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.611	112	117647	127.60	ng	0.00
7) Phenol-d6	7.221	99	161920	124.15	ng	0.00
23) Nitrobenzene-d5	9.231	82	120555	81.40	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	80884	128.38	ng	0.00
45) 2-Fluorobiphenyl	13.338	172	267580	82.23	ng	0.00
79) Terphenyl-d14	20.089	244	551662	76.31	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.231	70	19475	22.13	ng	# 72
41) Hexachlorocyclopentadiene	12.768	237	59	5.92	ng	# 31
50) Dimethylphthalate	14.160	163	8009	2.27	ng	# 89
51) 2,6-Dinitrotoluene	14.724	165	6651	8.18	ng	# 10
57) 2,4-Dinitrotoluene	14.724	165	6651	5.63	ng	# 15
67) 4-Bromophenyl-phenylether	16.217	248	6428	4.46	ng	# 1
77) Benzidine	20.089	184	10726	3.17	ng	# 89

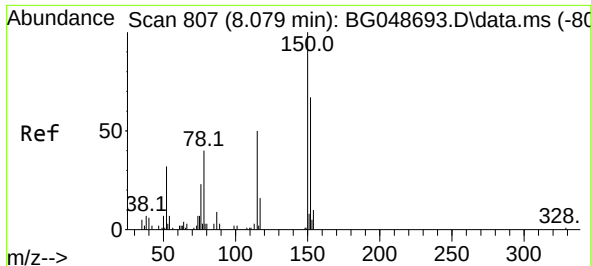
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
SB-15-9.5-10.0

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 17:33:30 2021
Response via : Initial Calibration

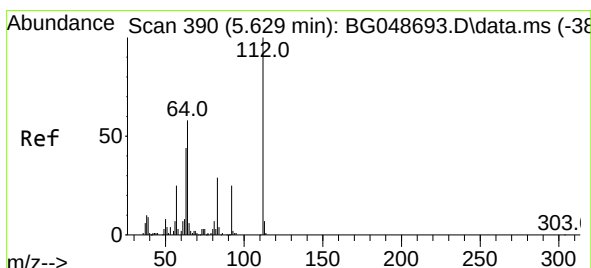
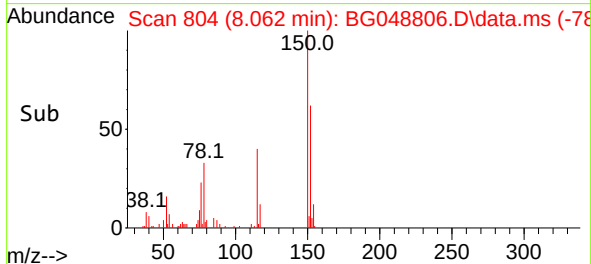
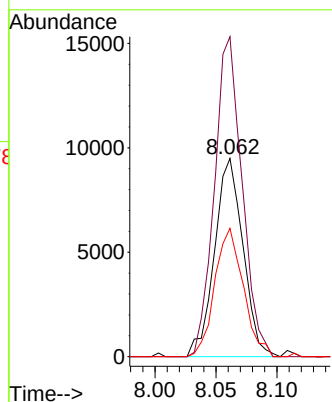
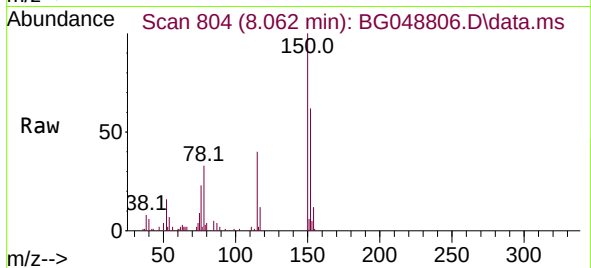




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.062 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG048806.D
Acq: 20 Apr 2021 22:53

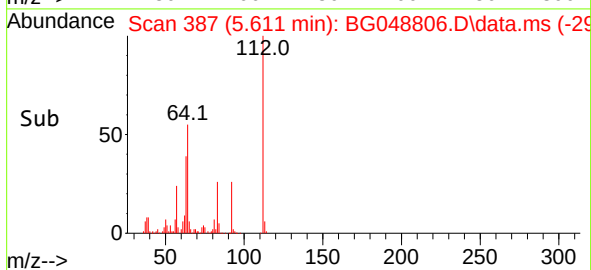
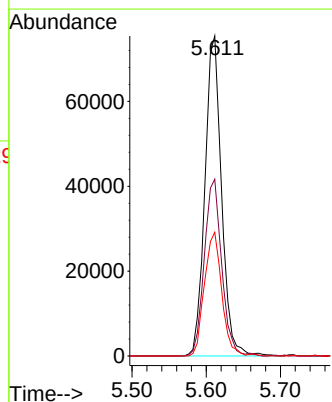
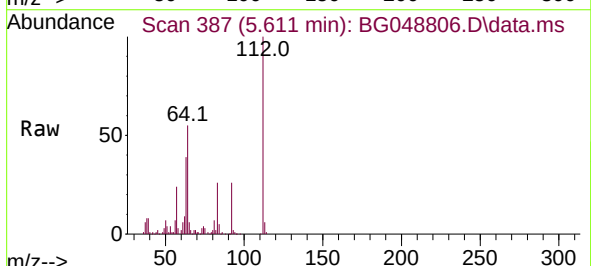
Instrument :
BNA_G
ClientSampleId :
SB-15-9.5-10.0

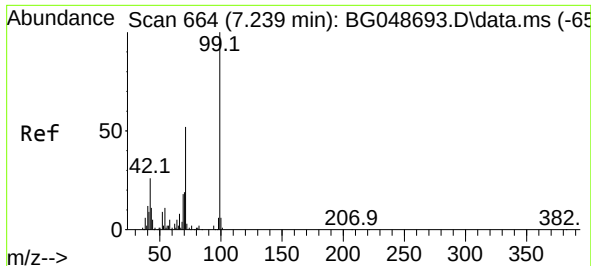
Tgt Ion:152 Resp: 15421
Ion Ratio Lower Upper
152 100
150 161.4 119.4 179.0
115 64.8 60.2 90.4



#5
2-Fluorophenol
Concen: 127.60 ng
RT: 5.611 min Scan# 387
Delta R.T. 0.006 min
Lab File: BG048806.D
Acq: 20 Apr 2021 22:53

Tgt Ion:112 Resp: 117647
Ion Ratio Lower Upper
112 100
64 55.3 46.7 70.1
63 38.7 35.3 52.9

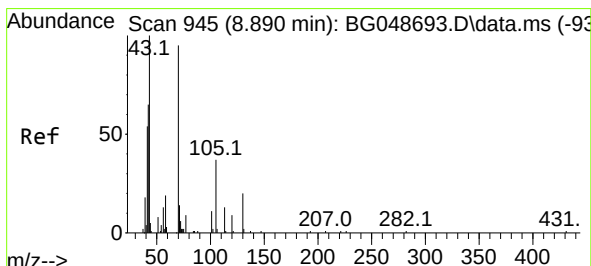
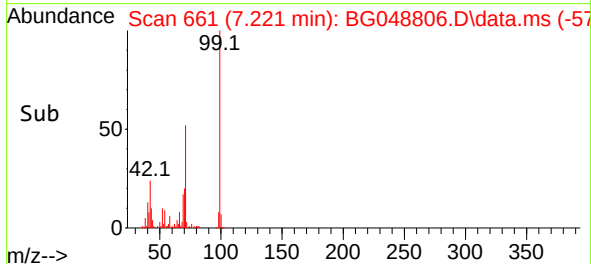
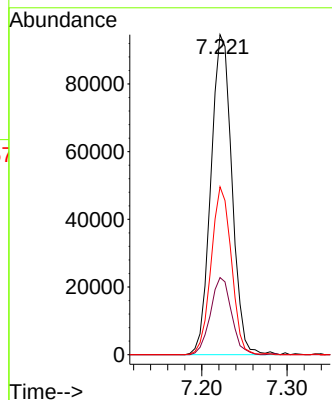
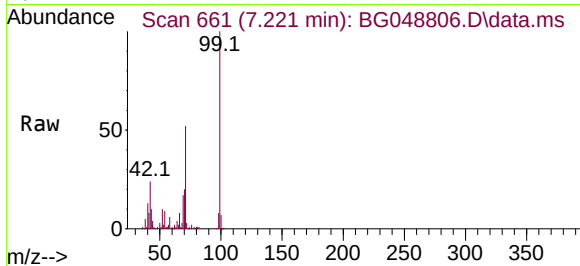




#7
Phenol-d6
Concen: 124.15 ng
RT: 7.221 min Scan# 661
Delta R.T. 0.000 min
Lab File: BG048806.D
Acq: 20 Apr 2021 22:53

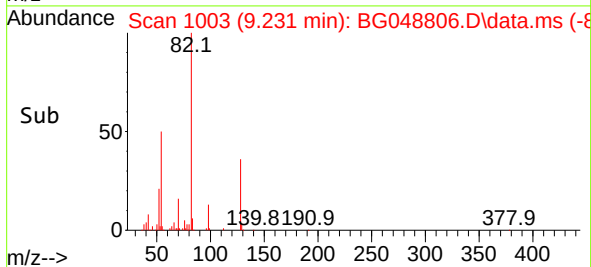
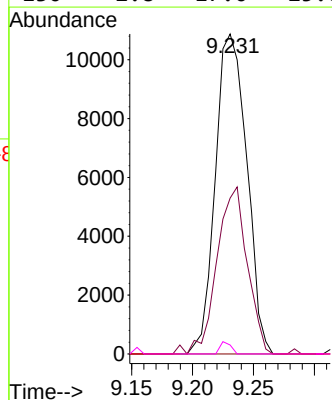
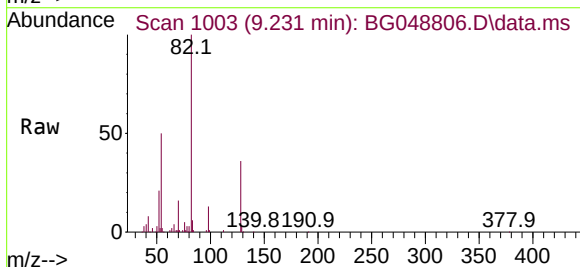
Instrument :
BNA_G
ClientSampleId :
SB-15-9.5-10.0

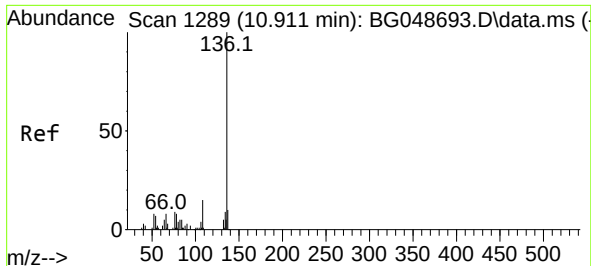
Tgt Ion: 99 Resp: 161920
Ion Ratio Lower Upper
99 100
42 24.1 20.5 30.7
71 52.5 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 22.13 ng
RT: 9.231 min Scan# 1003
Delta R.T. 0.359 min
Lab File: BG048806.D
Acq: 20 Apr 2021 22:53

Tgt Ion: 70 Resp: 19475
Ion Ratio Lower Upper
70 100
42 48.7 54.5 81.7#
101 0.0 9.0 13.6#
130 2.8 17.0 25.6#

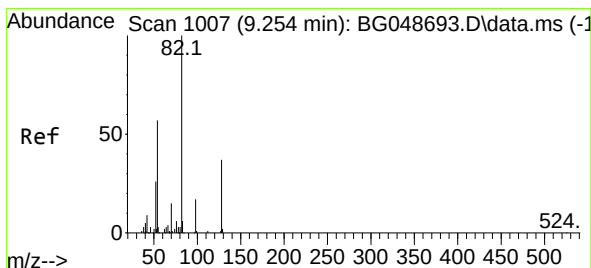
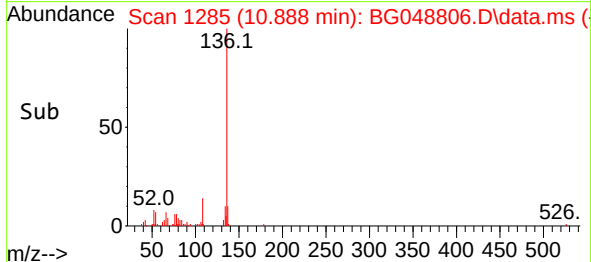
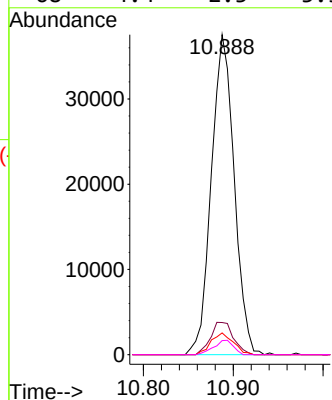
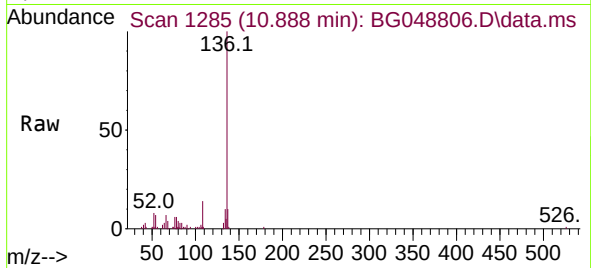




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.888 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BG048806.D
Acq: 20 Apr 2021 22:53

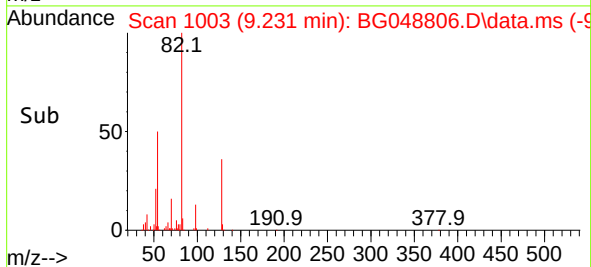
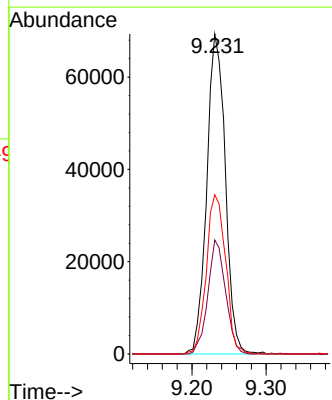
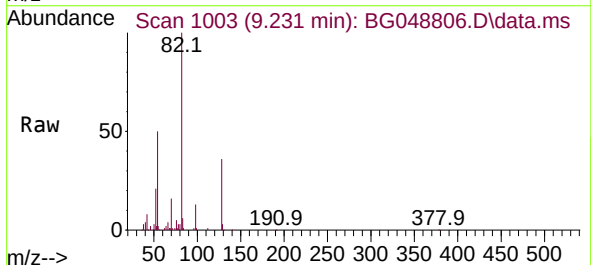
Instrument :
BNA_G
ClientSampleId :
SB-15-9.5-10.0

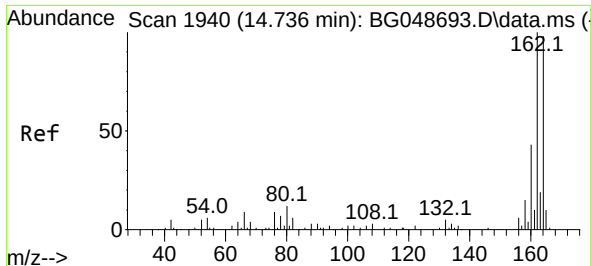
Tgt Ion:	136	Resp:	66305
Ion Ratio	Lower	Upper	
136	100		
137	10.0	8.2	12.2
54	6.8	5.5	8.3
68	4.4	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 81.40 ng
RT: 9.231 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BG048806.D
Acq: 20 Apr 2021 22:53

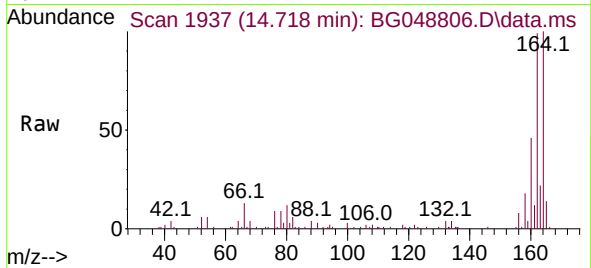
Tgt Ion:	82	Resp:	120555
Ion Ratio	Lower	Upper	
82	100		
128	35.6	29.8	44.6
54	49.7	45.8	68.8



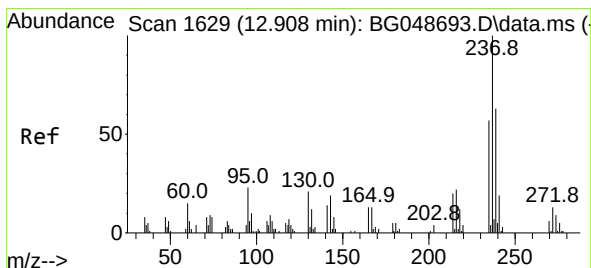
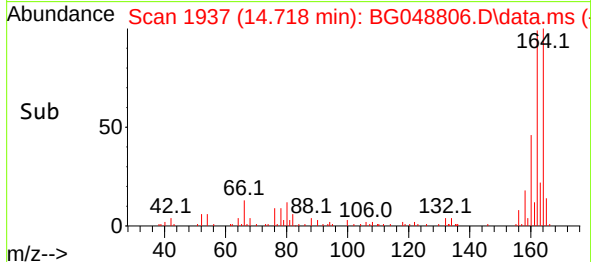
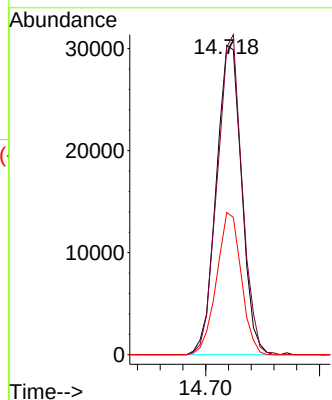


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.718 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BG048806.D
Acq: 20 Apr 2021 22:53

Instrument :
BNA_G
ClientSampleId :
SB-15-9.5-10.0

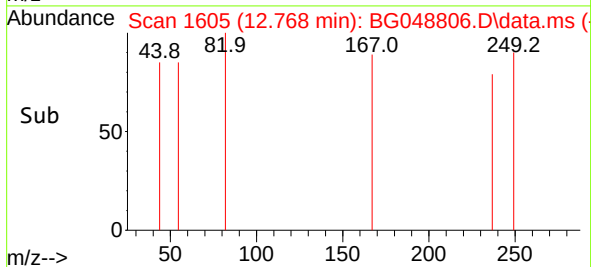
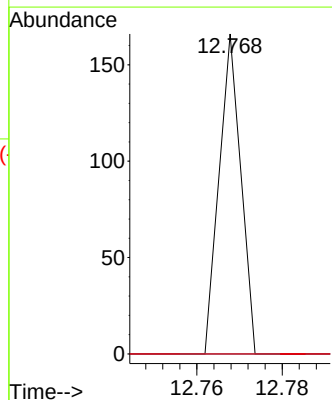
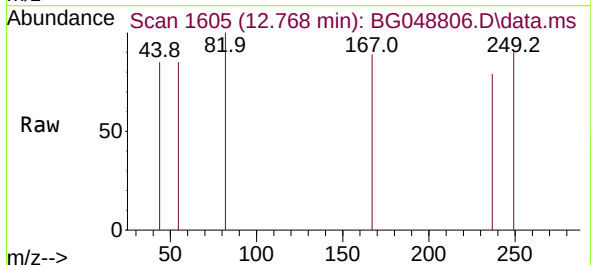


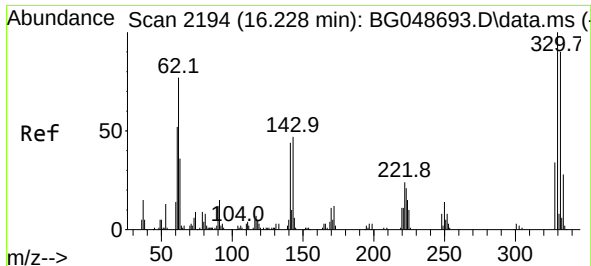
Tgt Ion:164 Resp: 46991
Ion Ratio Lower Upper
164 100
162 99.4 81.4 122.0
160 46.0 34.9 52.3



#41
Hexachlorocyclopentadiene
Concen: 5.92 ng
RT: 12.768 min Scan# 1605
Delta R.T. -0.123 min
Lab File: BG048806.D
Acq: 20 Apr 2021 22:53

Tgt Ion:237 Resp: 59
Ion Ratio Lower Upper
237 100
235 0.0 36.6 76.6#
272 0.0 0.0 32.5

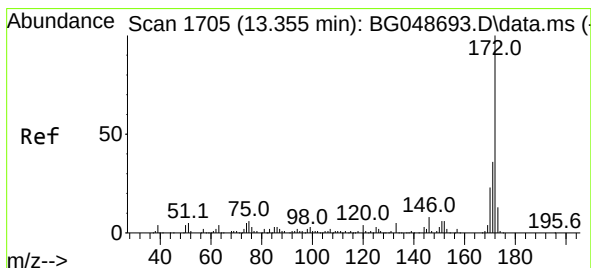
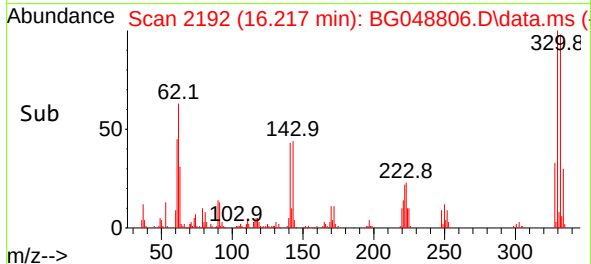
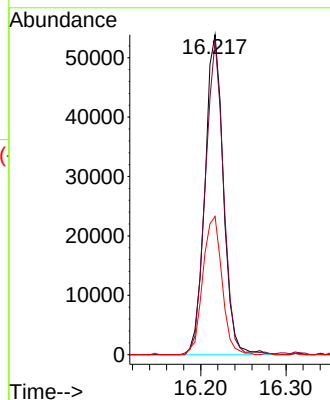
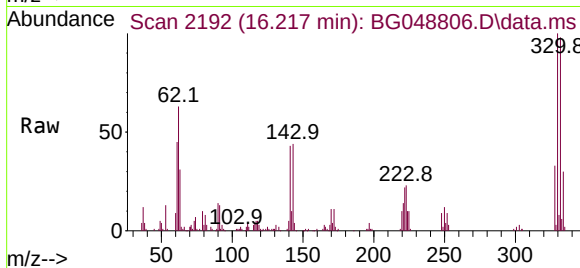




#42
2,4,6-Tribromophenol
Concen: 128.38 ng
RT: 16.217 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BG048806.D
Acq: 20 Apr 2021 22:53

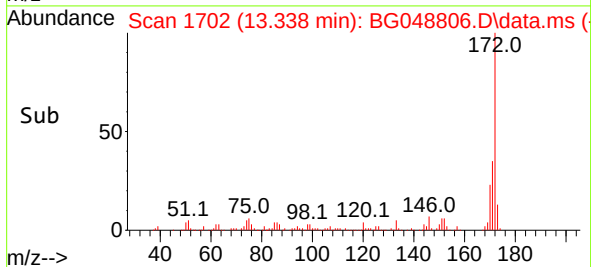
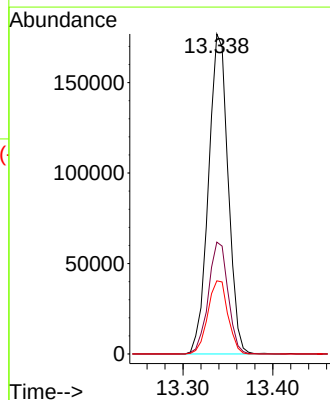
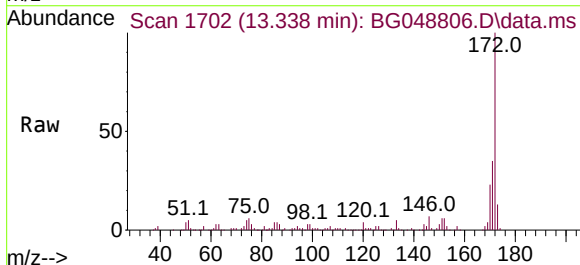
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ClientSampleId :
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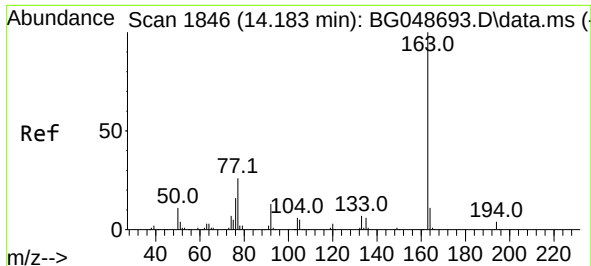
Tgt Ion:330 Resp: 80884
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 44.8 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 82.23 ng
RT: 13.338 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BG048806.D
Acq: 20 Apr 2021 22:53

Tgt Ion:172 Resp: 267580
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 22.8 18.6 27.8

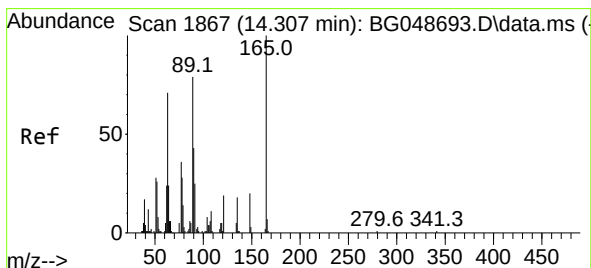
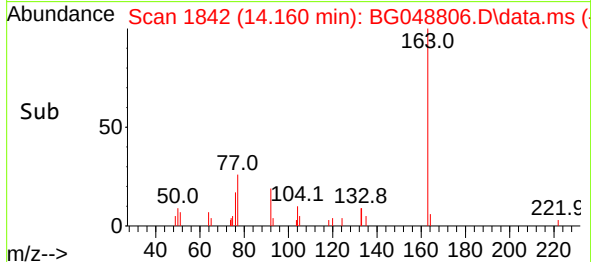
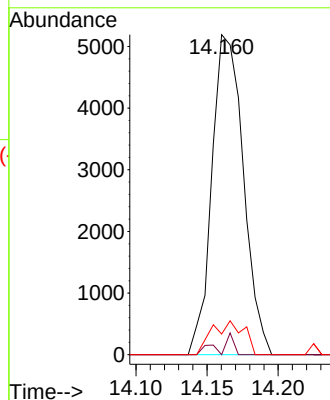
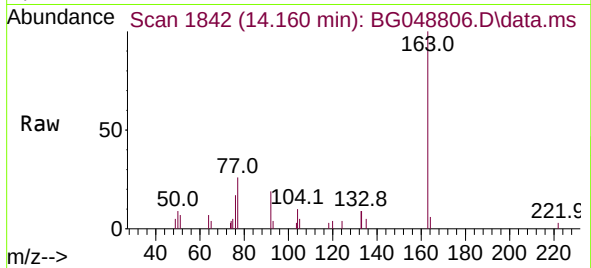




#50
Dimethylphthalate
Concen: 2.27 ng
RT: 14.160 min Scan# 1842
Delta R.T. -0.011 min
Lab File: BG048806.D
Acq: 20 Apr 2021 22:53

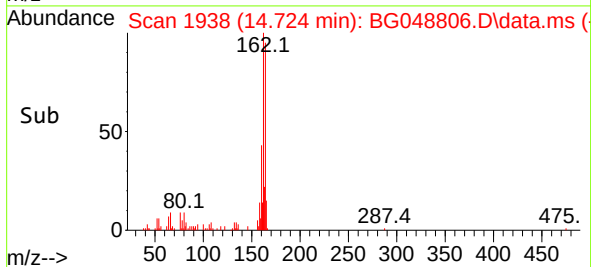
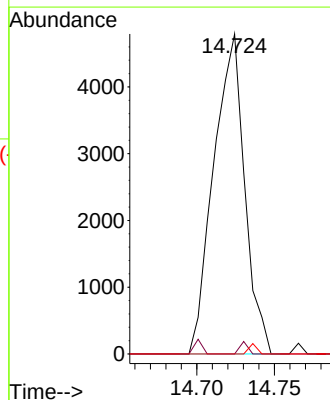
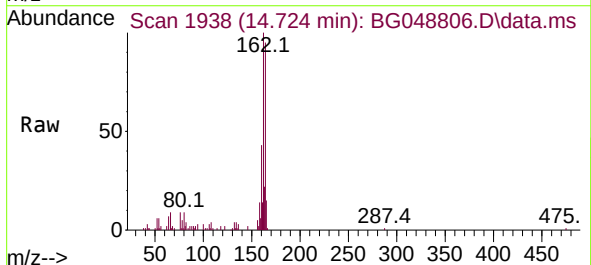
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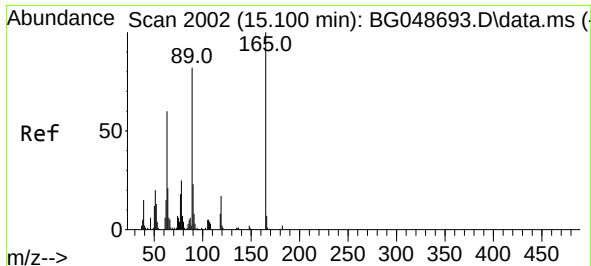
Tgt Ion:163 Resp: 8009
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 6.5 8.6 12.8#



#51
2,6-Dinitrotoluene
Concen: 8.18 ng
RT: 14.724 min Scan# 1938
Delta R.T. 0.429 min
Lab File: BG048806.D
Acq: 20 Apr 2021 22:53

Tgt Ion:165 Resp: 6651
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#

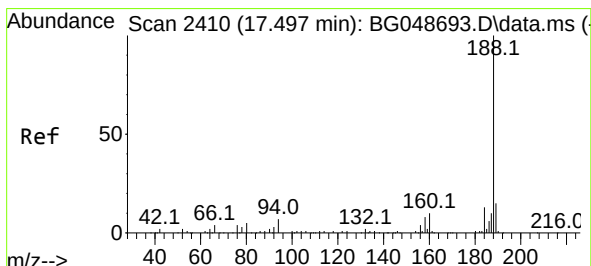
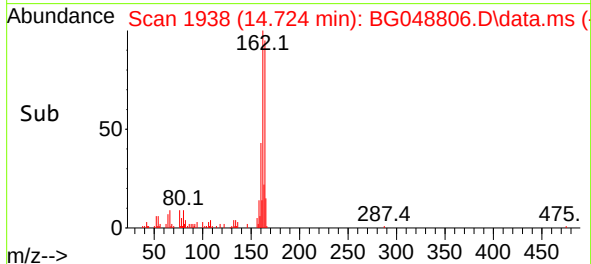
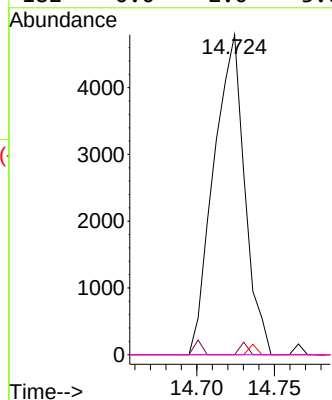
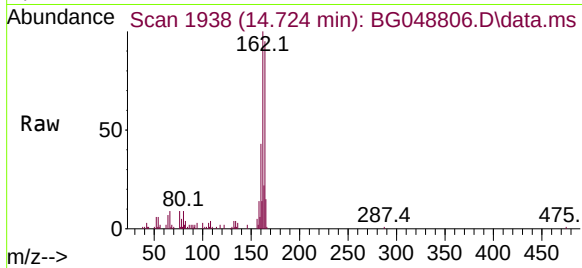




#57
2,4-Dinitrotoluene
Concen: 5.63 ng
RT: 14.724 min Scan# 1938
Delta R.T. -0.358 min
Lab File: BG048806.D
Acq: 20 Apr 2021 22:53

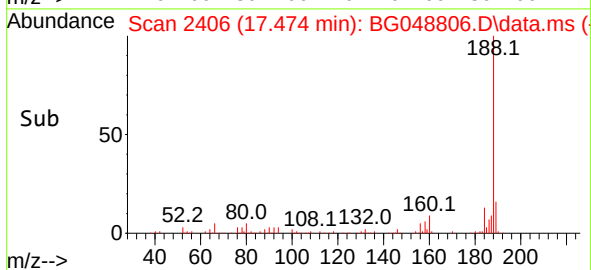
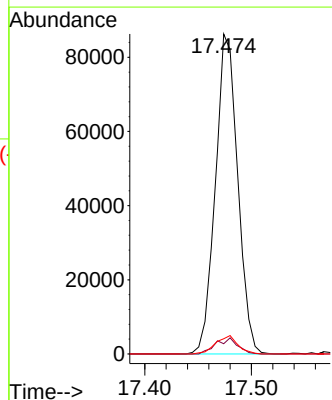
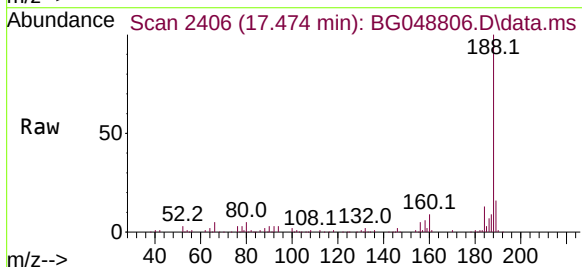
Instrument :
BNA_G
ClientSampleId :
SB-15-9.5-10.0

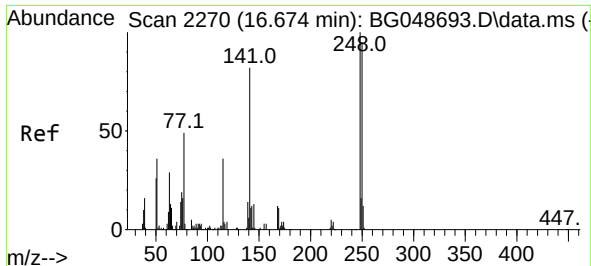
Tgt Ion:165	Resp:	6651
Ion Ratio	Lower	Upper
165	100	
63	0.0	48.0 72.0#
89	0.0	65.4 98.0#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.474 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BG048806.D
Acq: 20 Apr 2021 22:53

Tgt Ion:188	Resp:	125235
Ion Ratio	Lower	Upper
188	100	
94	3.2	5.4 8.0#
80	4.8	3.7 5.5

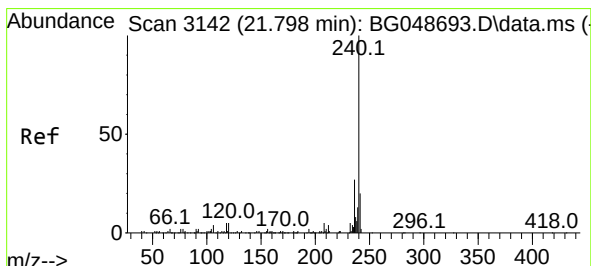
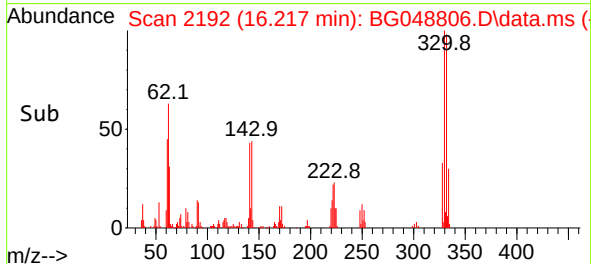
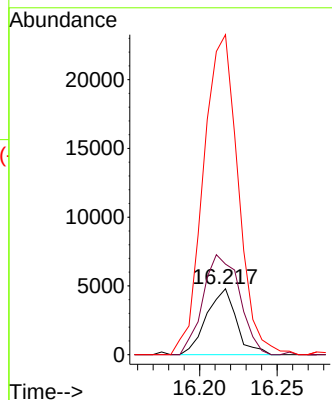
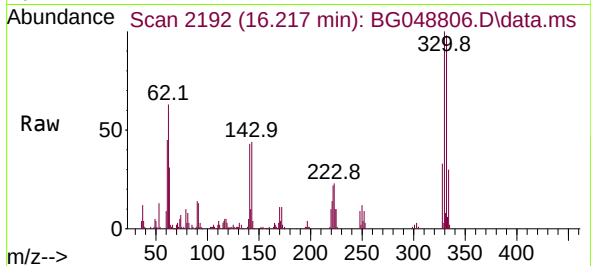




#67
4-Bromophenyl-phenylether
Concen: 4.46 ng
RT: 16.217 min Scan# 2192
Delta R.T. -0.446 min
Lab File: BG048806.D
Acq: 20 Apr 2021 22:53

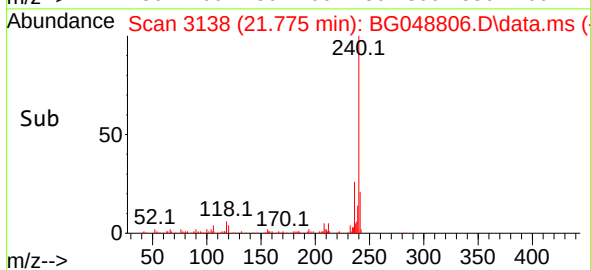
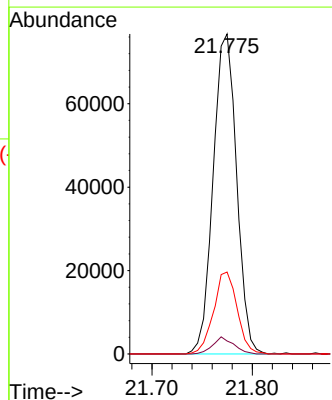
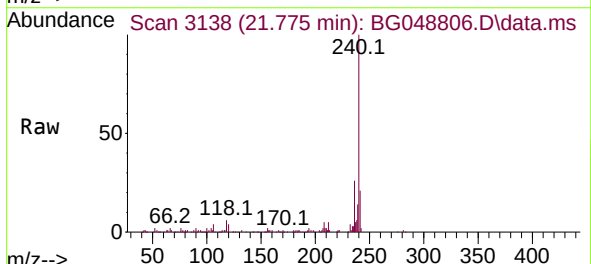
Instrument :
BNA_G
ClientSampleId :
SB-15-9.5-10.0

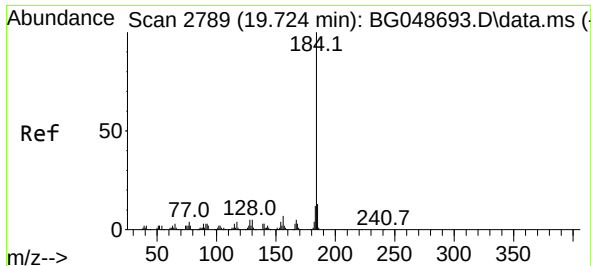
Tgt Ion:248 Resp: 6428
Ion Ratio Lower Upper
248 100
250 137.4 76.1 114.1#
141 485.3 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.775 min Scan# 3138
Delta R.T. -0.006 min
Lab File: BG048806.D
Acq: 20 Apr 2021 22:53

Tgt Ion:240 Resp: 124427
Ion Ratio Lower Upper
240 100
120 4.1 4.2 6.2#
236 25.6 21.8 32.6

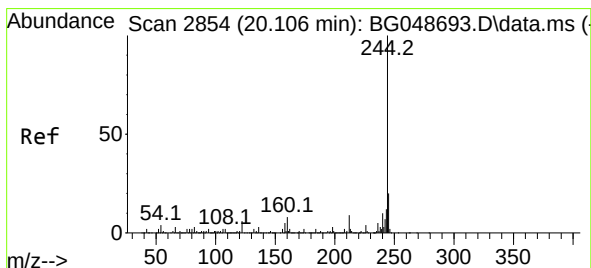
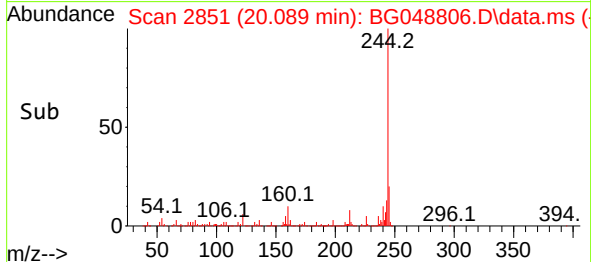
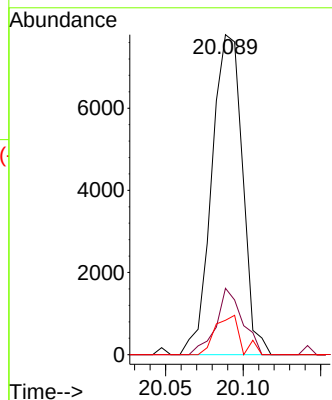
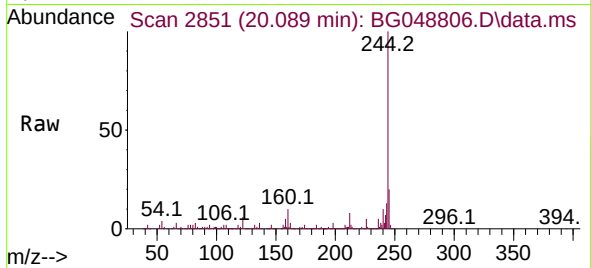




#77
Benzidine
Concen: 3.17 ng
RT: 20.089 min Scan# 2851
Delta R.T. 0.376 min
Lab File: BG048806.D
Acq: 20 Apr 2021 22:53

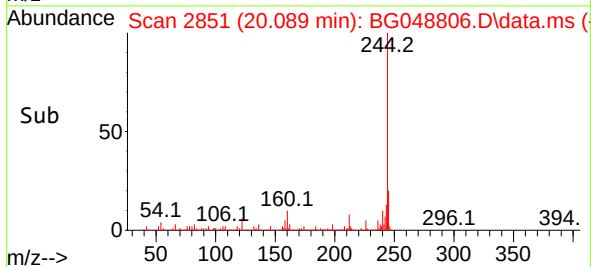
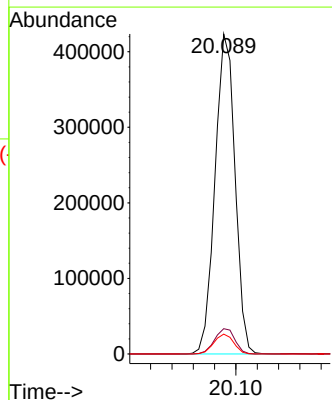
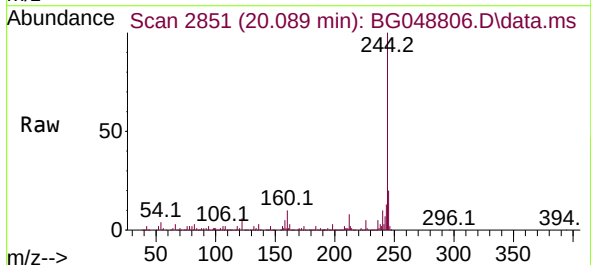
Instrument :
BNA_G
ClientSampleId :
SB-15-9.5-10.0

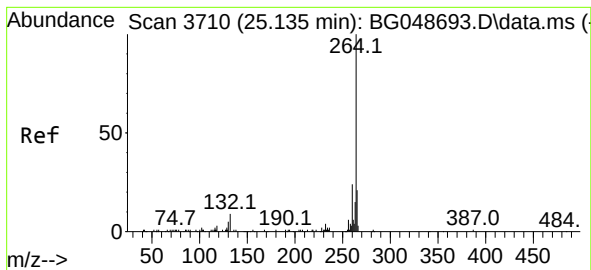
Tgt Ion:184 Resp: 10726
Ion Ratio Lower Upper
184 100
185 20.7 10.7 16.1#
183 10.7 9.4 14.0



#79
Terphenyl-d14
Concen: 76.31 ng
RT: 20.089 min Scan# 2851
Delta R.T. -0.006 min
Lab File: BG048806.D
Acq: 20 Apr 2021 22:53

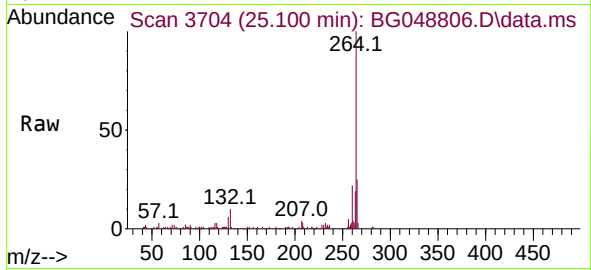
Tgt Ion:244 Resp: 551662
Ion Ratio Lower Upper
244 100
212 7.9 6.9 10.3
122 6.2 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.100 min Scan# 3704
 Delta R.T. -0.011 min
 Lab File: BG048806.D
 Acq: 20 Apr 2021 22:53

Instrument :
 BNA_G
 ClientSampleId :
 SB-15-9.5-10.0



Tgt Ion:264	Resp:	126490
Ion	Ratio	Lower Upper
264	100	
260	21.7	19.4 29.2
265	24.7	16.9 25.3

