

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012621\
 Data File : BG048019.D
 Acq On : 26 Jan 2021 23:16
 Operator : CG/JU
 Sample : M1244-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NAB-210125-MNT-BP24

Quant Time: Jan 27 00:22:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 19:39:42 2021
 Response via : Initial Calibration

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

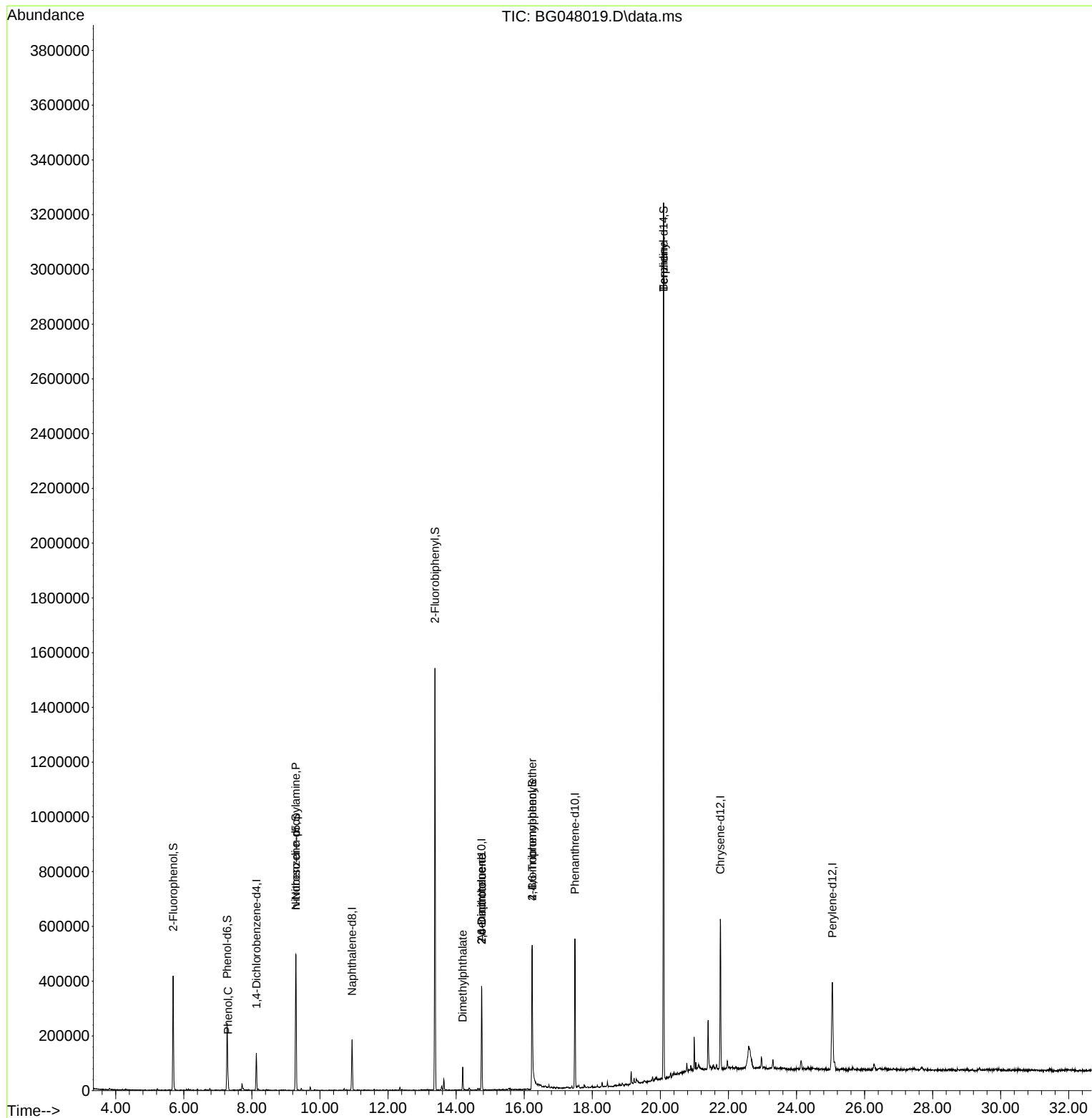
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.132	152	36408	20.00	ng	0.00
21) Naphthalene-d8	10.941	136	151469	20.00	ng	0.00
39) Acenaphthene-d10	14.748	164	130297	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	342311	20.00	ng	# 0.00
76) Chrysene-d12	21.763	240	346845	20.00	ng	#-0.01
86) Perylene-d12	25.054	264	346344	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.688	112	179261	75.67	ng	0.00
7) Phenol-d6	7.274	99	130260	36.16	ng	0.00
23) Nitrobenzene-d5	9.290	82	317233	82.87	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	146655	67.58	ng	0.00
45) 2-Fluorobiphenyl	13.379	172	788624	78.25	ng	0.00
79) Terphenyl-d14	20.095	244	1406750	70.32	ng	0.00
Target Compounds						
10) Phenol	7.304	94	18098	5.24	ng	Qvalue 83
19) n-Nitroso-di-n-propyla...	9.290	70	44878	17.07	ng	# 71
50) Dimethylphthalate	14.196	163	51735	4.39	ng	97
51) 2,6-Dinitrotoluene	14.754	165	17744	7.24	ng	# 34
57) 2,4-Dinitrotoluene	14.754	165	17744	5.01	ng	# 33
67) 4-Bromophenyl-phenylether	16.235	248	10005	2.19	ng	# 1
77) Benzidine	20.095	184	25247	2.52	ng	95

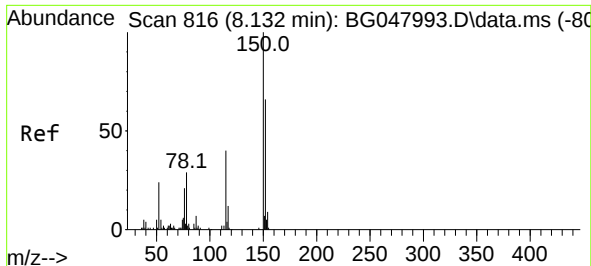
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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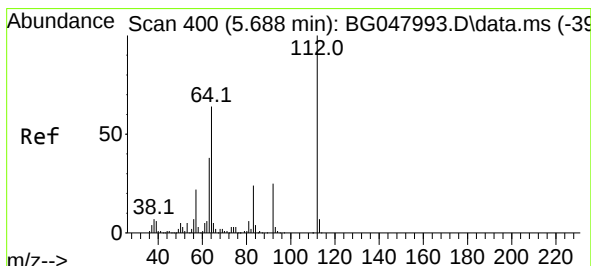
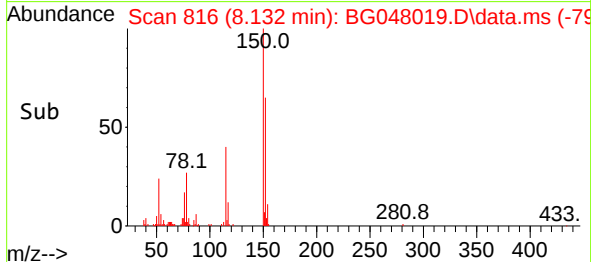
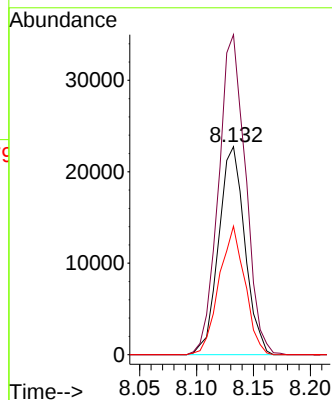
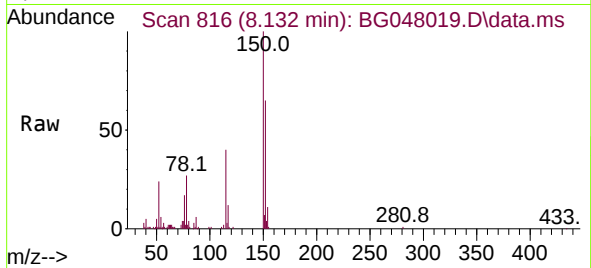




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.132 min Scan# 816
Delta R.T. 0.000 min
Lab File: BG048019.D
Acq: 26 Jan 2021 23:16

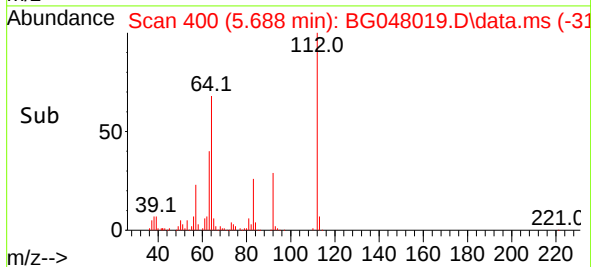
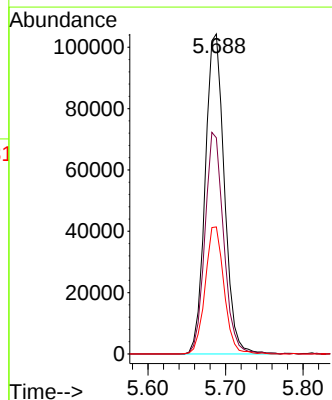
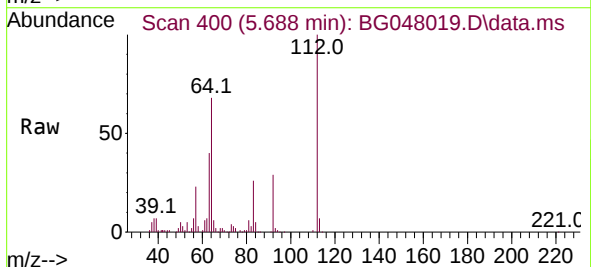
Instrument :
BNA_G
ClientSampleId :
NAB-210125-MNT-BP24

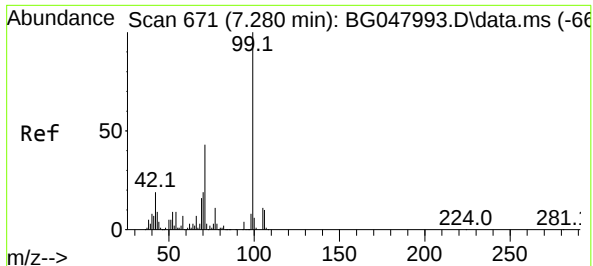
Tgt Ion:152 Resp: 36408
Ion Ratio Lower Upper
152 100
150 153.9 125.0 187.6
115 61.8 41.8 62.6



#5
2-Fluorophenol
Concen: 75.67 ng
RT: 5.688 min Scan# 400
Delta R.T. -0.000 min
Lab File: BG048019.D
Acq: 26 Jan 2021 23:16

Tgt Ion:112 Resp: 179261
Ion Ratio Lower Upper
112 100
64 67.5 46.7 70.1
63 39.7 22.8 34.2#

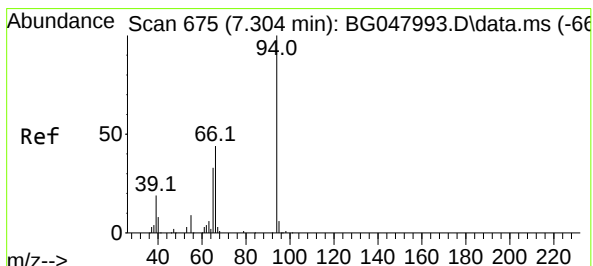
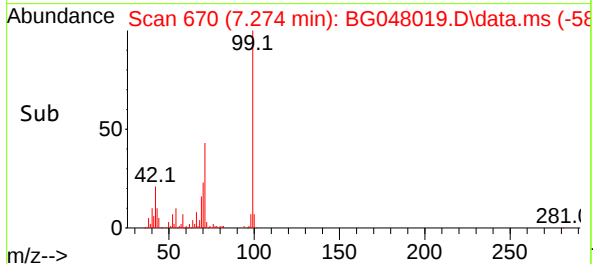
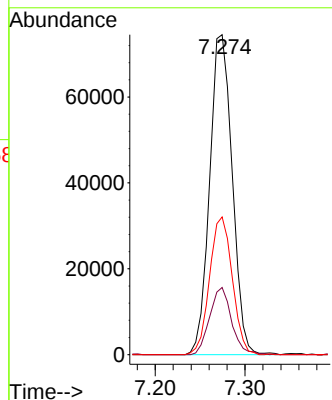
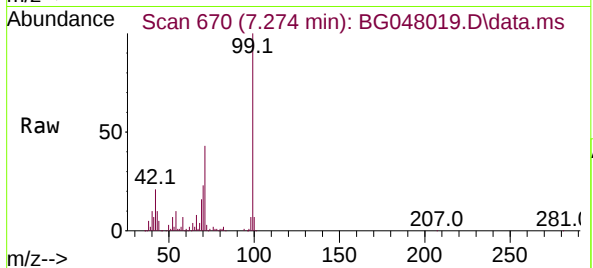




#7
Phenol-d6
Concen: 36.16 ng
RT: 7.274 min Scan# 670
Delta R.T. -0.006 min
Lab File: BG048019.D
Acq: 26 Jan 2021 23:16

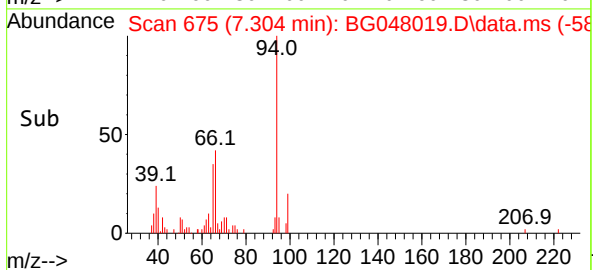
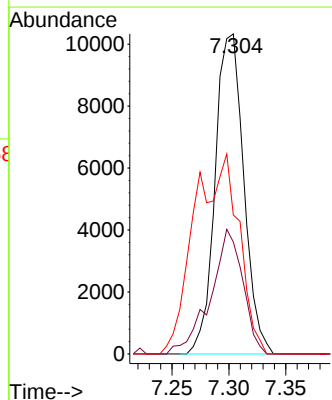
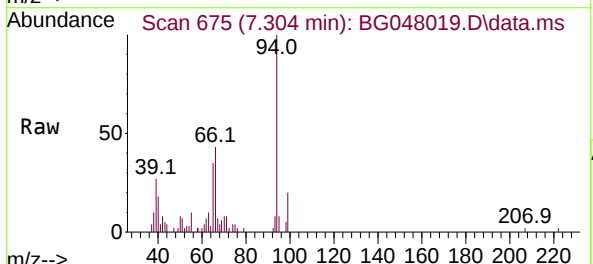
Instrument :
BNA_G
ClientSampleId :
NAB-210125-MNT-BP24

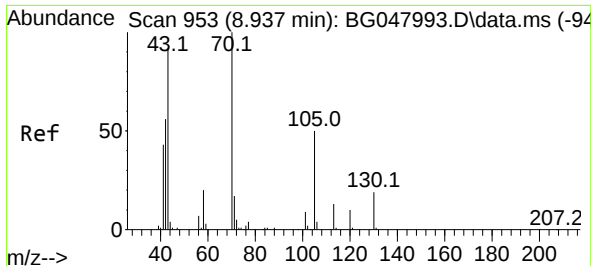
Tgt Ion: 99 Resp: 130260
Ion Ratio Lower Upper
99 100
42 21.0 12.8 19.2#
71 43.1 24.6 36.8#



#10
Phenol
Concen: 5.24 ng
RT: 7.304 min Scan# 675
Delta R.T. -0.000 min
Lab File: BG048019.D
Acq: 26 Jan 2021 23:16

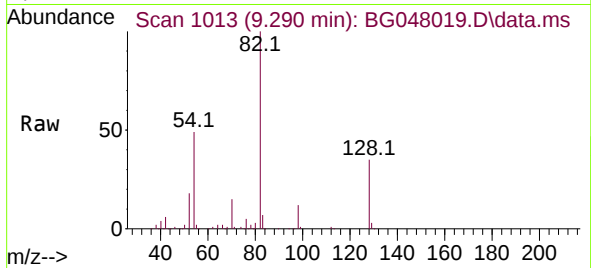
Tgt Ion: 94 Resp: 18098
Ion Ratio Lower Upper
94 100
65 35.0 6.6 46.6
66 43.5 13.9 53.9



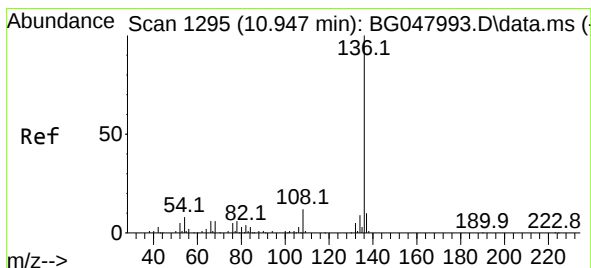
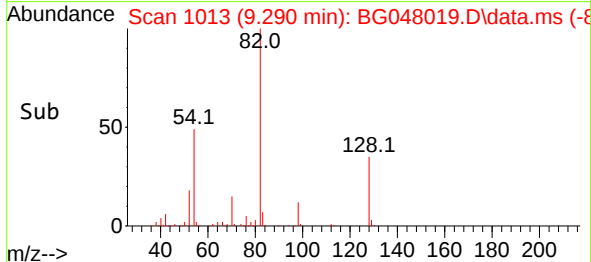
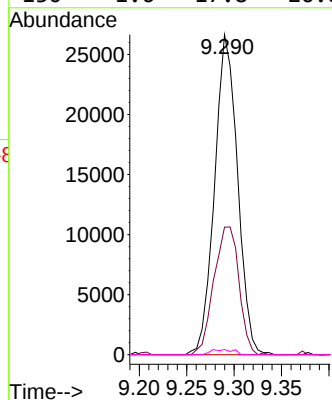


#19
n-Nitroso-di-n-propylamine
Concen: 17.07 ng
RT: 9.290 min Scan# 1013
Delta R.T. 0.352 min
Lab File: BG048019.D
Acq: 26 Jan 2021 23:16

Instrument :
BNA_G
ClientSampleId :
NAB-210125-MNT-BP24

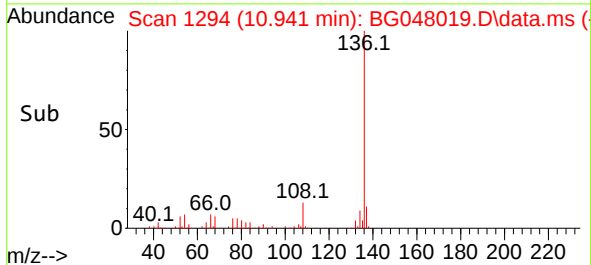
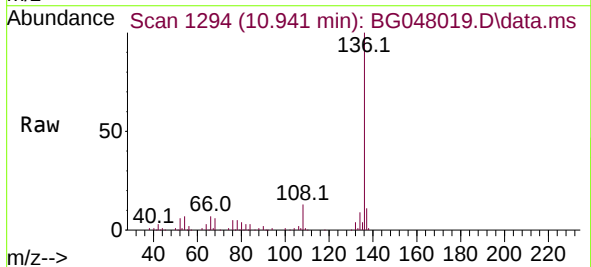
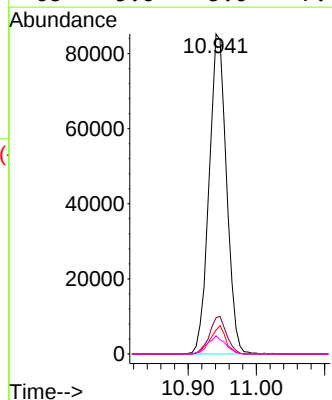


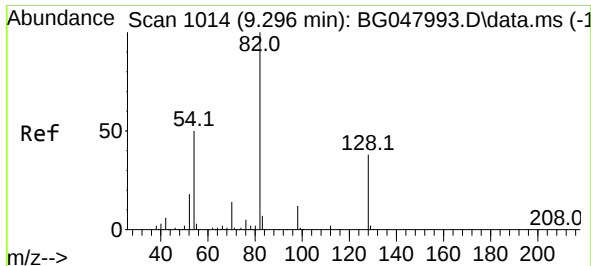
Tgt Ion: 70	Resp: 44878
Ion Ratio	Lower Upper
70 100	
42 39.9	45.6 68.4#
101 0.0	8.4 12.6#
130 1.6	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.941 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BG048019.D
Acq: 26 Jan 2021 23:16

Tgt Ion: 136	Resp: 151469
Ion Ratio	Lower Upper
136 100	
137 11.3	9.1 13.7
54 7.4	6.2 9.4
68 5.6	5.0 7.4

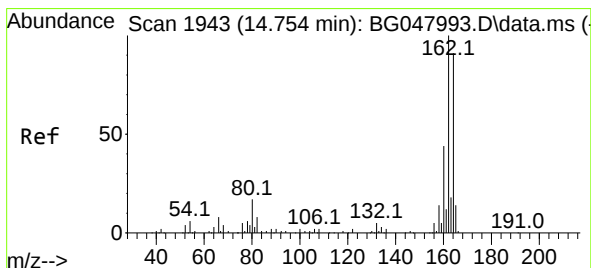
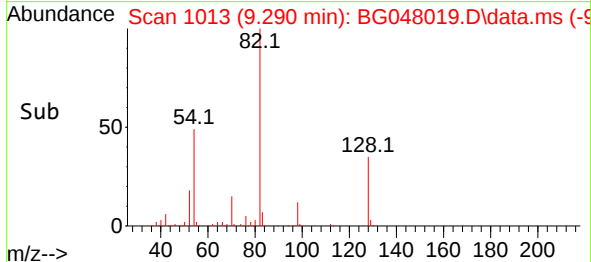
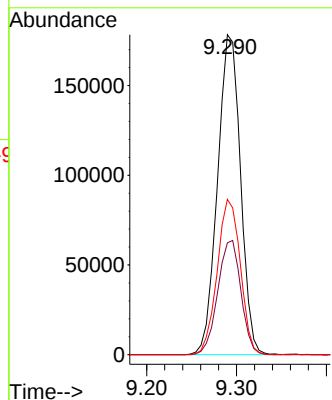
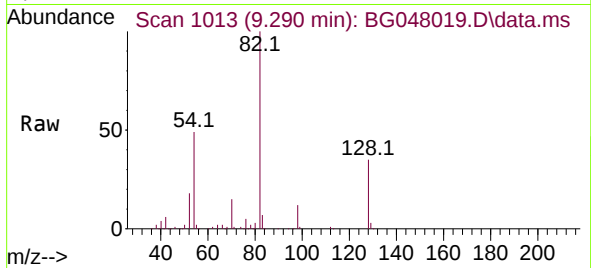




#23
Nitrobenzene-d5
Concen: 82.87 ng
RT: 9.290 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BG048019.D
Acq: 26 Jan 2021 23:16

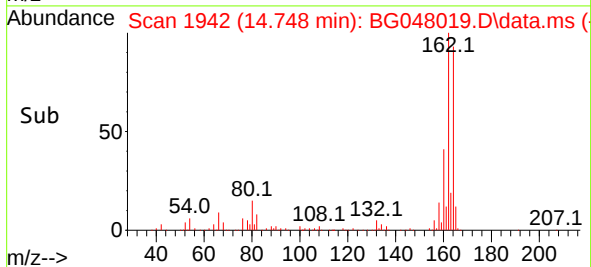
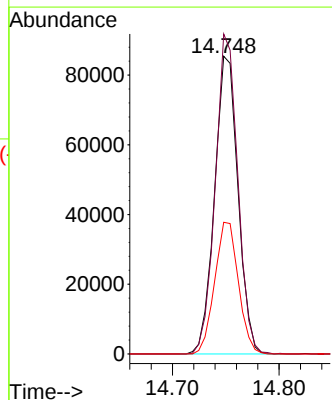
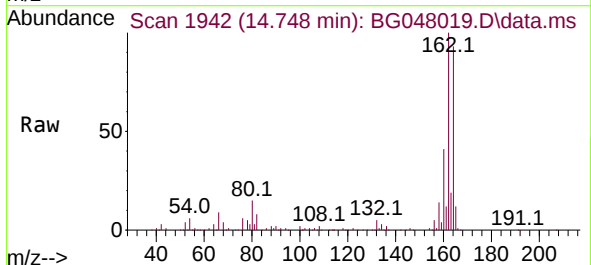
Instrument :
BNA_G
ClientSampleId :
NAB-210125-MNT-BP24

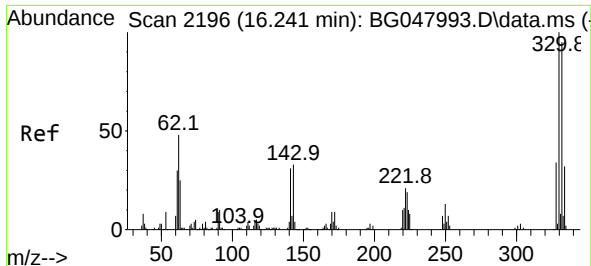
Tgt Ion: 82 Resp: 317233
Ion Ratio Lower Upper
82 100
128 34.9 37.0 55.6#
54 48.6 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BG048019.D
Acq: 26 Jan 2021 23:16

Tgt Ion:164 Resp: 130297
Ion Ratio Lower Upper
164 100
162 107.5 82.3 123.5
160 44.2 35.3 52.9

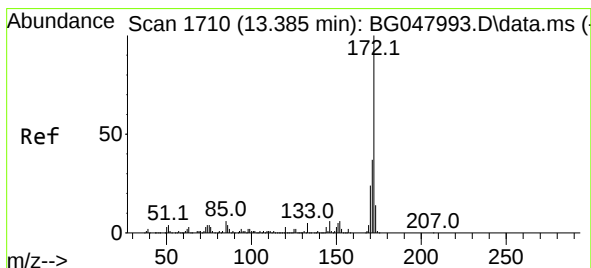
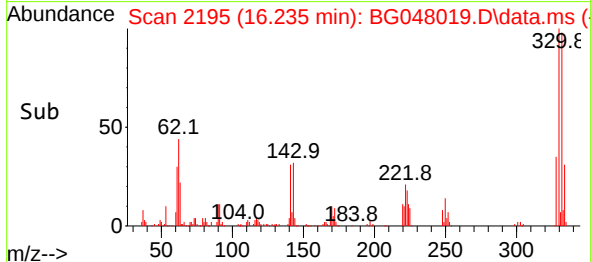
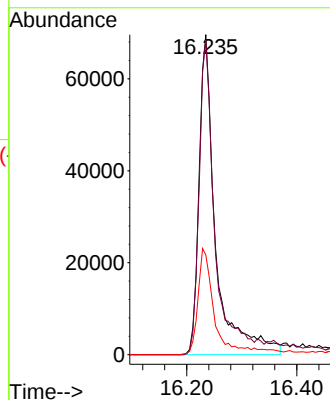
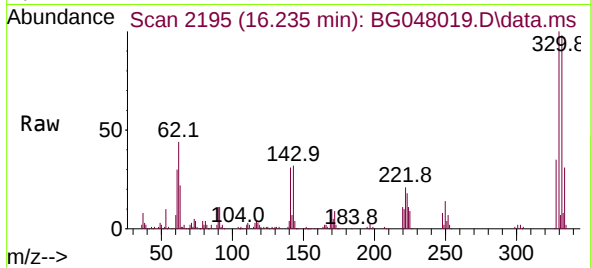




#42
2,4,6-Tribromophenol
Concen: 67.58 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BG048019.D
Acq: 26 Jan 2021 23:16

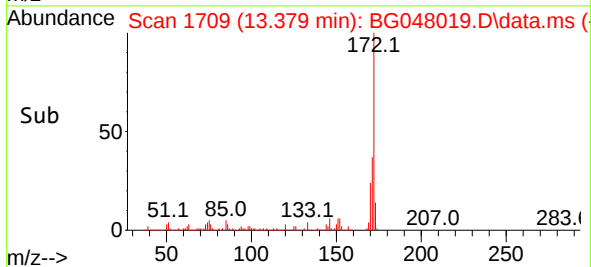
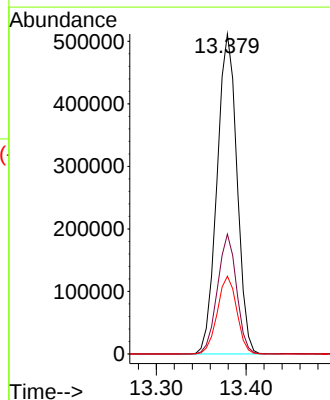
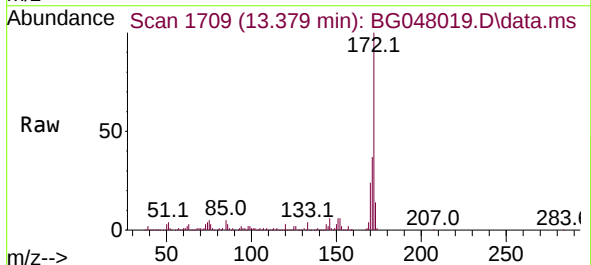
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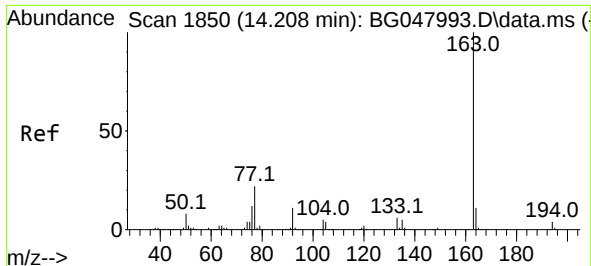
Tgt Ion:330 Resp: 146655
Ion Ratio Lower Upper
330 100
332 93.8 76.5 114.7
141 33.9 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 78.25 ng
RT: 13.379 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BG048019.D
Acq: 26 Jan 2021 23:16

Tgt Ion:172 Resp: 788624
Ion Ratio Lower Upper
172 100
171 37.4 31.3 46.9
170 24.3 20.8 31.2

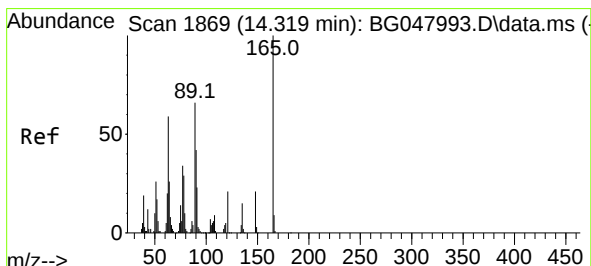
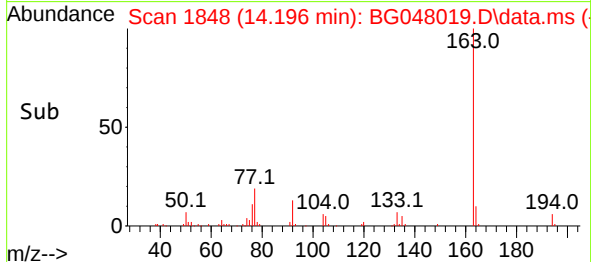
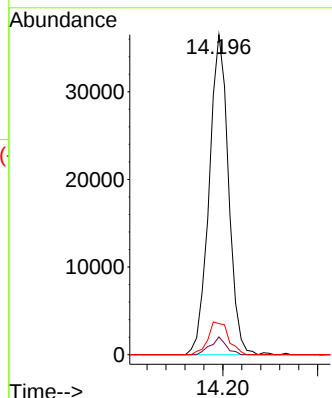
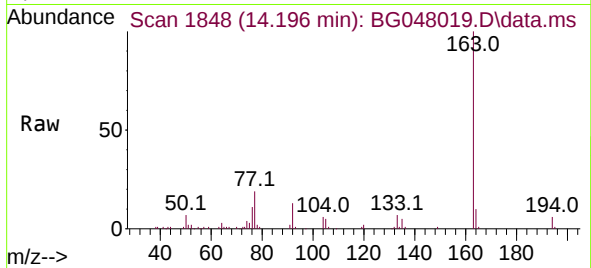




#50
Dimethylphthalate
Concen: 4.39 ng
RT: 14.196 min Scan# 1848
Delta R.T. -0.012 min
Lab File: BG048019.D
Acq: 26 Jan 2021 23:16

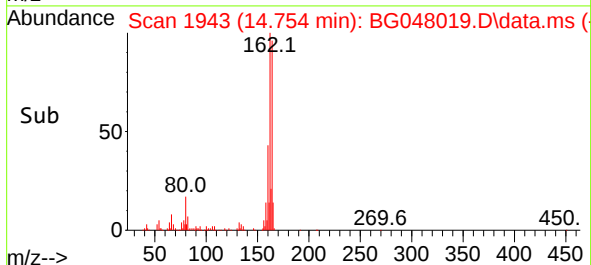
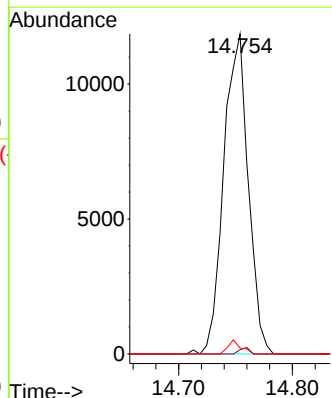
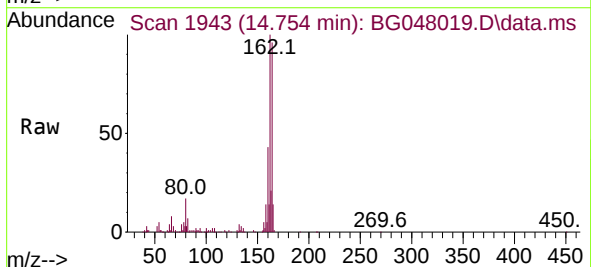
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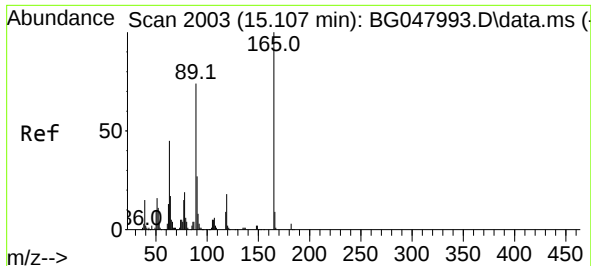
Tgt Ion:163 Resp: 51735
Ion Ratio Lower Upper
163 100
194 5.5 3.8 5.8
164 9.7 8.8 13.2



#51
2,6-Dinitrotoluene
Concen: 7.24 ng
RT: 14.754 min Scan# 1943
Delta R.T. 0.435 min
Lab File: BG048019.D
Acq: 26 Jan 2021 23:16

Tgt Ion:165 Resp: 17744
Ion Ratio Lower Upper
165 100
63 1.3 33.7 50.5#
89 1.9 36.6 54.8#

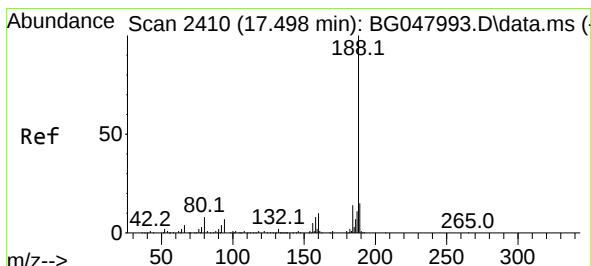
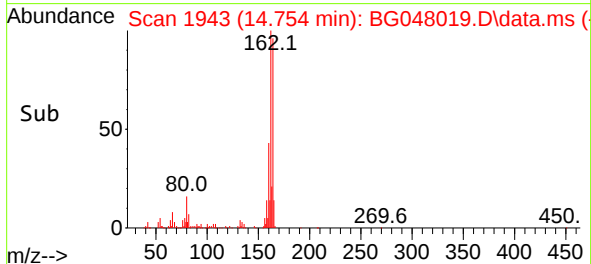
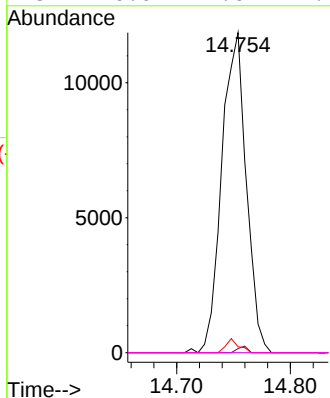
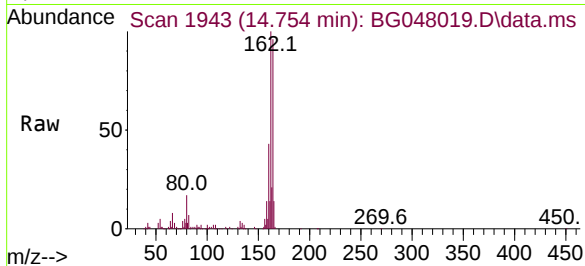




#57
2,4-Dinitrotoluene
Concen: 5.01 ng
RT: 14.754 min Scan# 1943
Delta R.T. -0.353 min
Lab File: BG048019.D
Acq: 26 Jan 2021 23:16

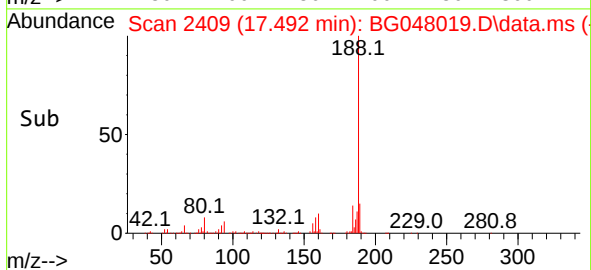
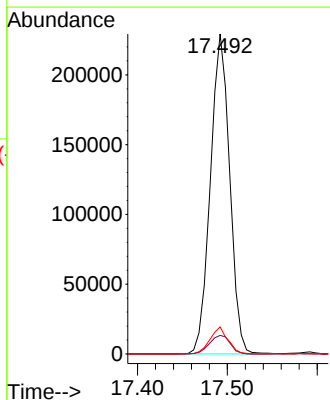
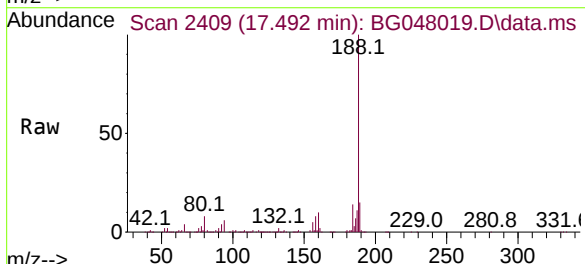
Instrument :
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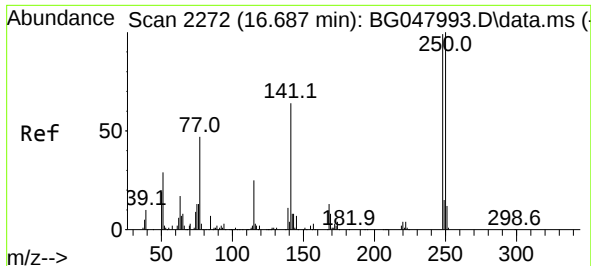
Tgt Ion:165 Resp: 17744
Ion Ratio Lower Upper
165 100
63 1.3 26.4 39.6#
89 1.9 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BG048019.D
Acq: 26 Jan 2021 23:16

Tgt Ion:188 Resp: 342311
Ion Ratio Lower Upper
188 100
94 5.8 6.3 9.5#
80 8.5 7.0 10.6

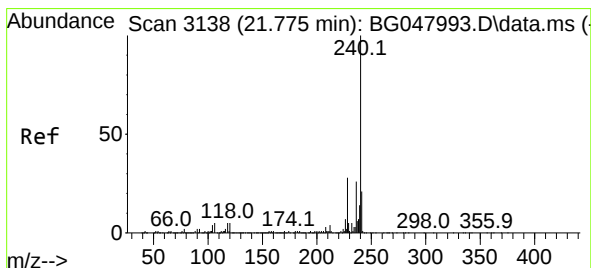
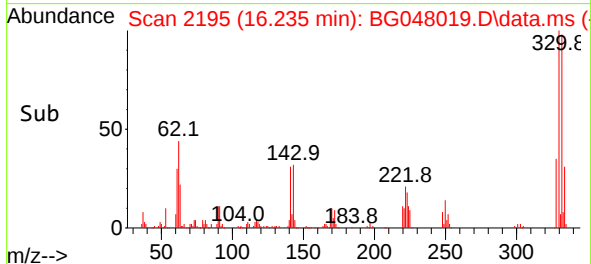
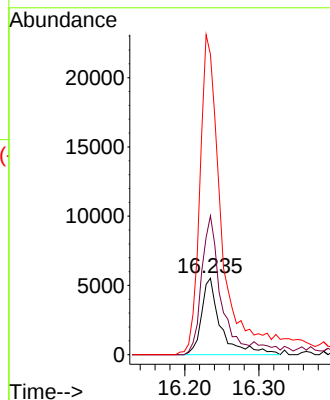
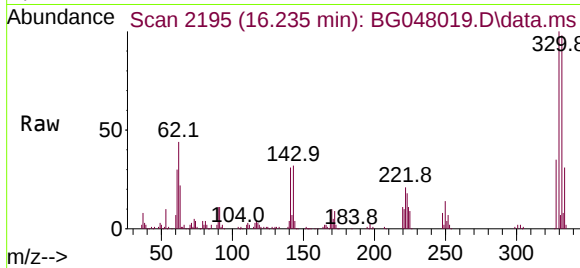




#67
4-Bromophenyl-phenylether
Concen: 2.19 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.453 min
Lab File: BG048019.D
Acq: 26 Jan 2021 23:16

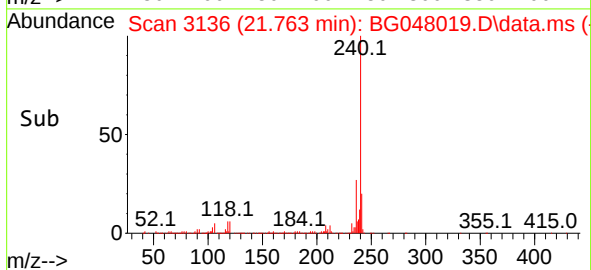
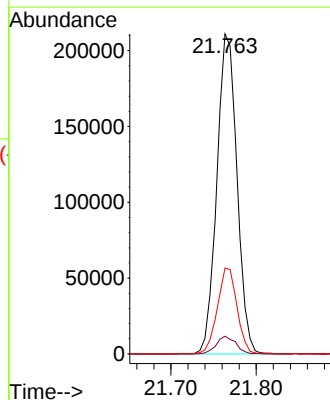
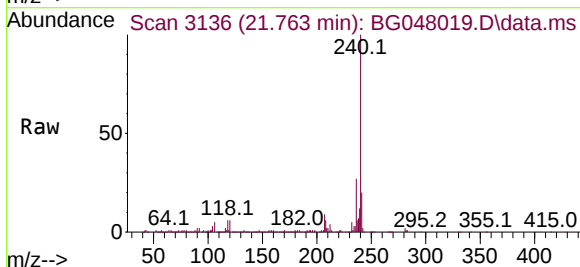
Instrument :
BNA_G
ClientSampleId :
NAB-210125-MNT-BP24

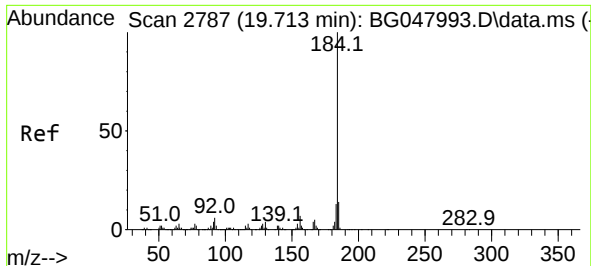
Tgt Ion	Ratio	Lower	Upper
248	100		
250	181.6	78.9	118.3#
141	392.3	46.2	69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.763 min Scan# 3136
Delta R.T. -0.012 min
Lab File: BG048019.D
Acq: 26 Jan 2021 23:16

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.5	6.2	9.4#
236	26.8	20.5	30.7

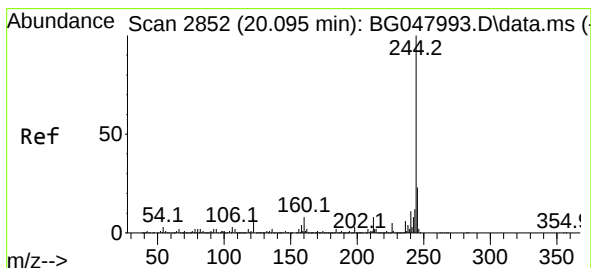
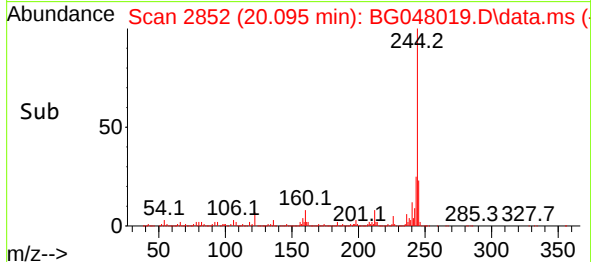
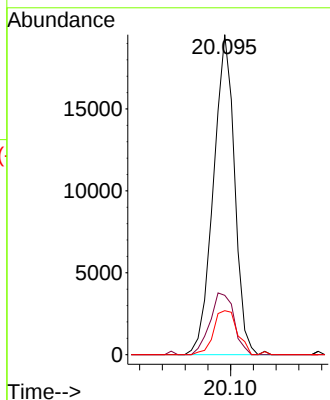
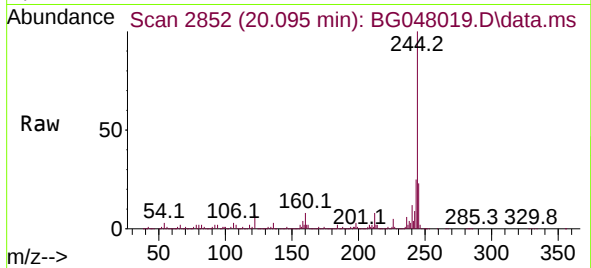




#77
Benzidine
Concen: 2.52 ng
RT: 20.095 min Scan# 2852
Delta R.T. 0.382 min
Lab File: BG048019.D
Acq: 26 Jan 2021 23:16

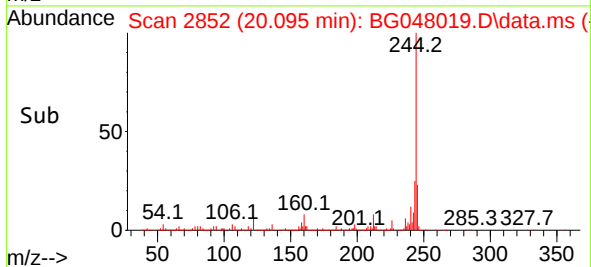
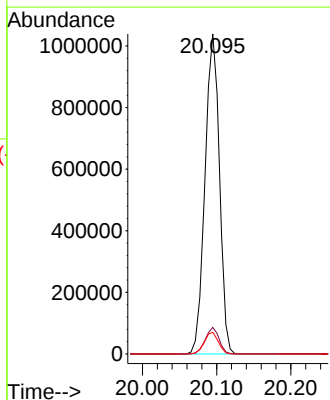
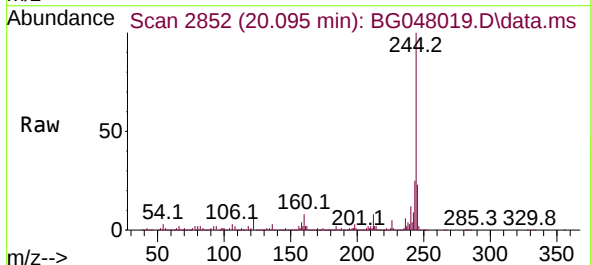
Instrument :
BNA_G
ClientSampleId :
NAB-210125-MNT-BP24

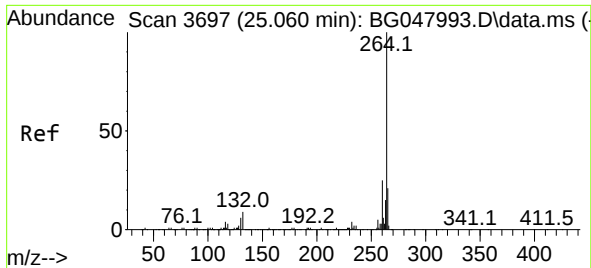
Tgt Ion:184	Resp:	25247
Ion Ratio	Lower	Upper
184	100	
185	18.6	12.4 18.6
183	13.8	10.6 15.8



#79
Terphenyl-d14
Concen: 70.32 ng
RT: 20.095 min Scan# 2852
Delta R.T. -0.000 min
Lab File: BG048019.D
Acq: 26 Jan 2021 23:16

Tgt Ion:244	Resp:	1406750
Ion Ratio	Lower	Upper
244	100	
212	8.3	6.7 10.1
122	6.8	7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.054 min Scan# 3696
 Delta R.T. -0.006 min
 Lab File: BG048019.D
 Acq: 26 Jan 2021 23:16

Instrument :
 BNA_G
 ClientSampleId :
 NAB-210125-MNT-BP24

Tgt Ion:264 Resp: 346344
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 20.3 17.8 26.8

