

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040921\
 Data File : BG048653.D
 Acq On : 9 Apr 2021 20:24
 Operator : CG/JU
 Sample : M1990-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ELEVATOR-PIT-STANDING-WATER

Quant Time: Apr 10 00:55:04 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)

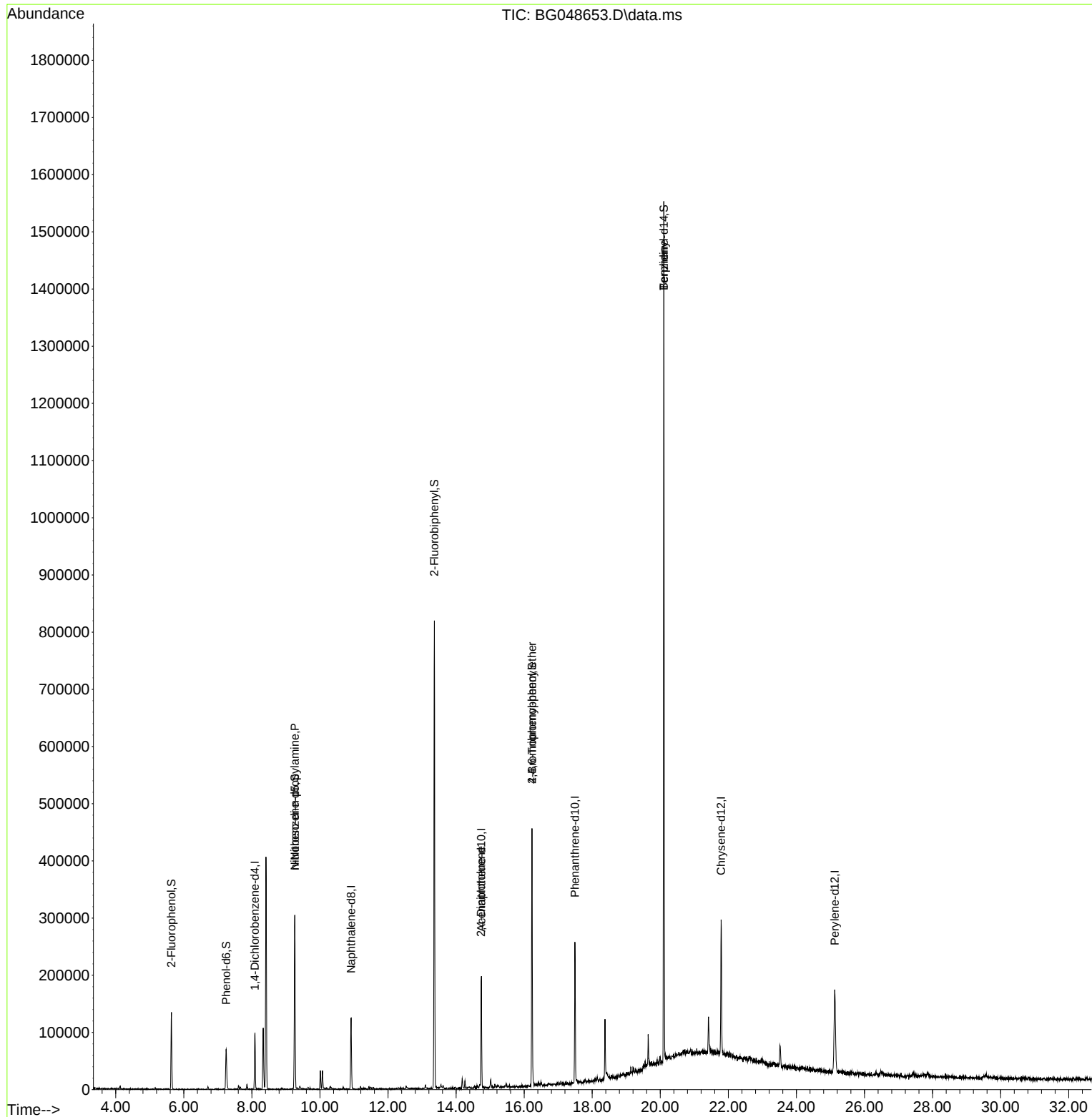
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.086	152	26962	20.00	ng	#-0.01
21) Naphthalene-d8	10.918	136	103716	20.00	ng	# 0.00
39) Acenaphthene-d10	14.743	164	67560	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	156310	20.00	ng	# 0.00
76) Chrysene-d12	21.787	240	148629	20.00	ng	#-0.01
86) Perylene-d12	25.125	264	159846	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.636	112	57804	37.85	ng	0.00
7) Phenol-d6	7.246	99	43342	19.57	ng	0.00
23) Nitrobenzene-d5	9.261	82	176489	82.39	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	83634	94.17	ng	0.00
45) 2-Fluorobiphenyl	13.362	172	416194	91.56	ng	0.00
79) Terphenyl-d14	20.107	244	761202	93.66	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.261	70	27847	18.24	ng	# 74
57) 2,4-Dinitrotoluene	14.737	165	8568	5.28	ng	# 24
67) 4-Bromophenyl-phenylether	16.229	248	5970	3.45	ng	# 1
77) Benzidine	20.101	184	14469	2.87	ng	# 89

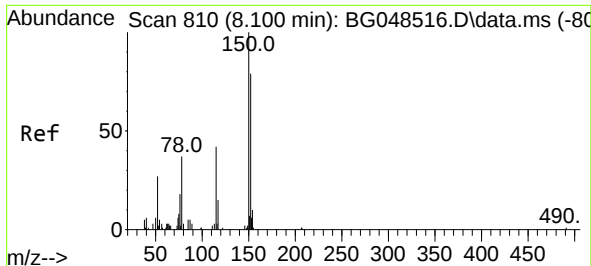
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 07 10:06:00 2021
Response via : Initial Calibration

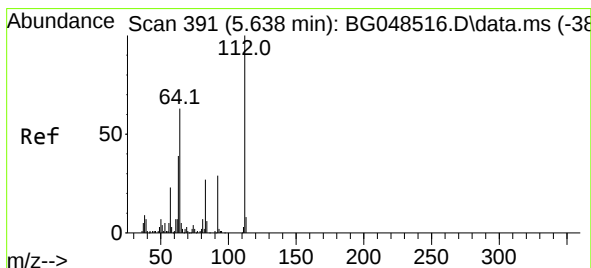
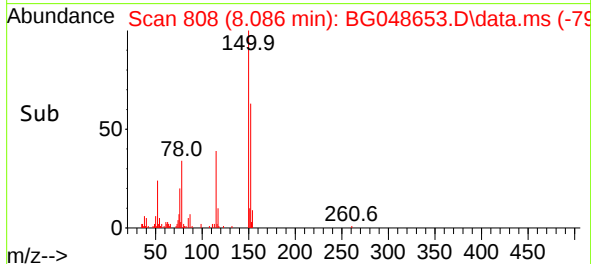
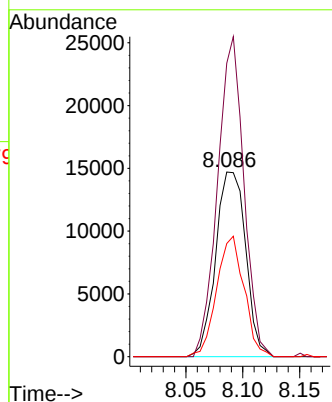
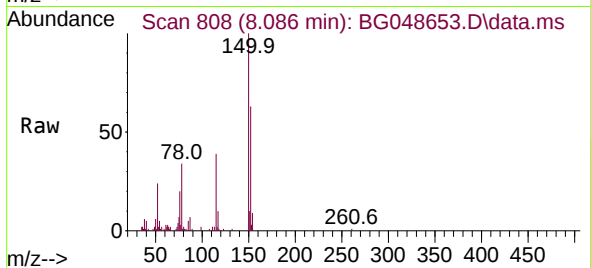




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.086 min Scan# 808
Delta R.T. -0.014 min
Lab File: BG048653.D
Acq: 9 Apr 2021 20:24

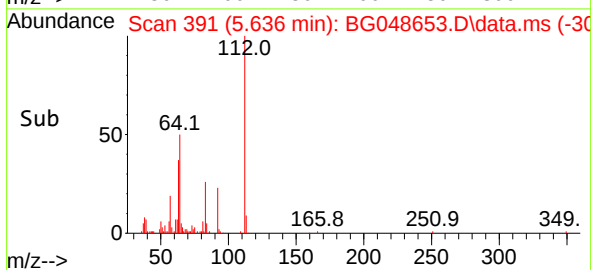
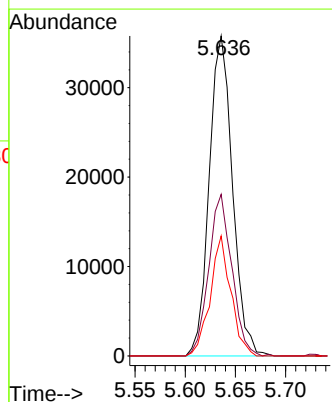
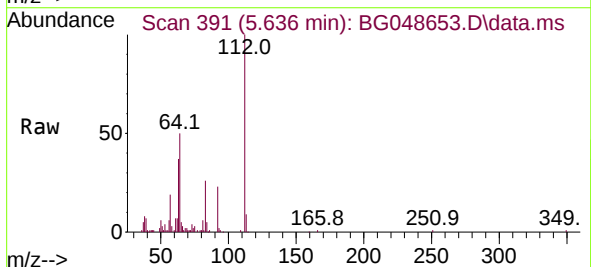
Instrument :
BNA_G
ClientSampleId :
ELEVATOR-PIT-STANDING-WATER

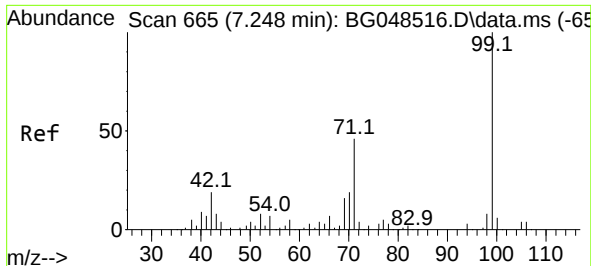
Tgt Ion:152 Resp: 26962
Ion Ratio Lower Upper
152 100
150 159.0 101.3 151.9#
115 61.3 42.3 63.5



#5
2-Fluorophenol
Concen: 37.85 ng
RT: 5.636 min Scan# 391
Delta R.T. -0.003 min
Lab File: BG048653.D
Acq: 9 Apr 2021 20:24

Tgt Ion:112 Resp: 57804
Ion Ratio Lower Upper
112 100
64 50.5 50.4 75.6
63 37.5 31.4 47.2

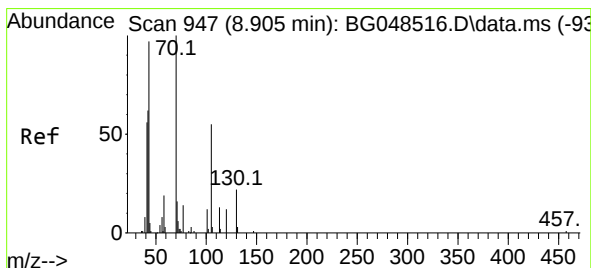
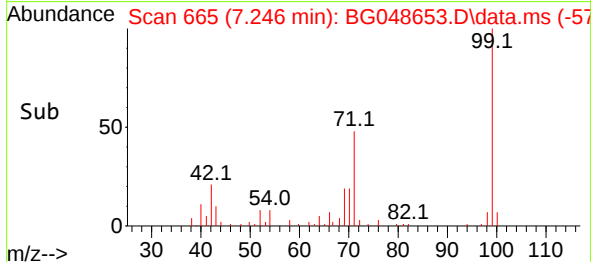
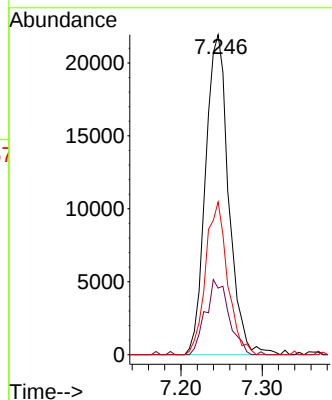
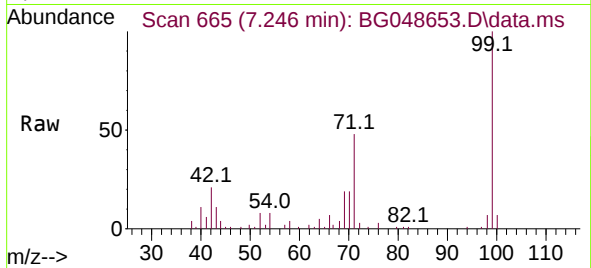




#7
Phenol-d6
Concen: 19.57 ng
RT: 7.246 min Scan# 665
Delta R.T. -0.003 min
Lab File: BG048653.D
Acq: 9 Apr 2021 20:24

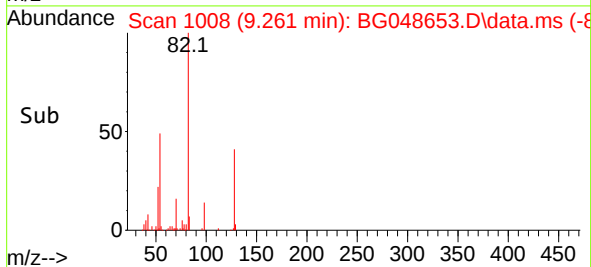
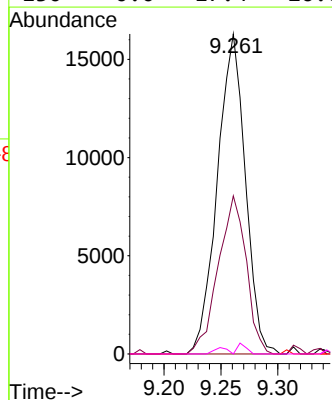
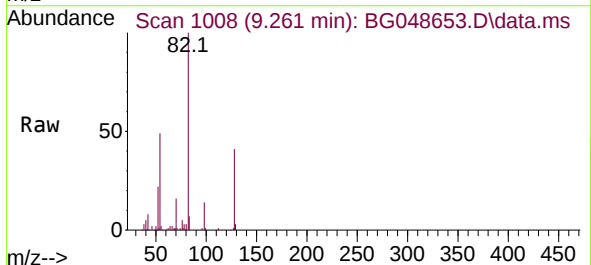
Instrument :
BNA_G
ClientSampleId :
ELEVATOR-PIT-STANDING-WATER

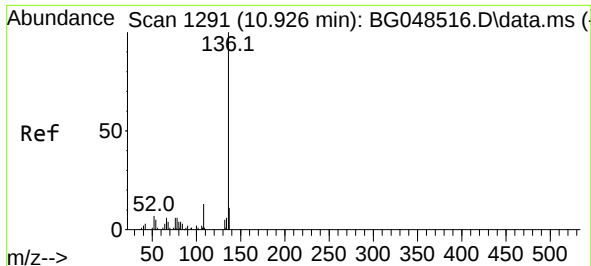
Tgt Ion: 99 Resp: 43342
Ion Ratio Lower Upper
99 100
42 20.8 15.5 23.3
71 47.8 36.6 54.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.24 ng
RT: 9.261 min Scan# 1008
Delta R.T. 0.356 min
Lab File: BG048653.D
Acq: 9 Apr 2021 20:24

Tgt Ion: 70 Resp: 27847
Ion Ratio Lower Upper
70 100
42 49.4 50.8 76.2#
101 0.0 9.7 14.5#
130 0.0 17.4 26.0#

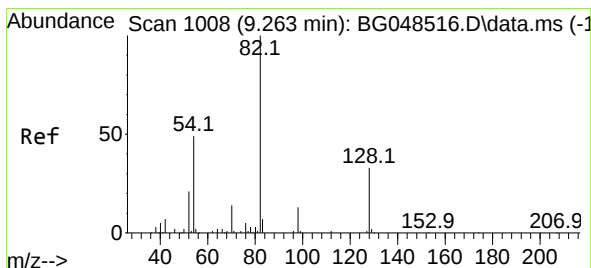
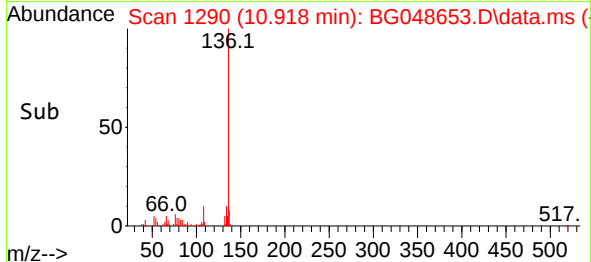
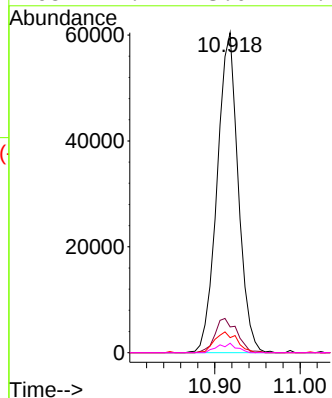
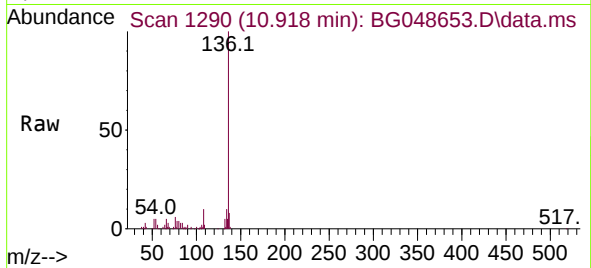




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.918 min Scan# 1290
Delta R.T. -0.008 min
Lab File: BG048653.D
Acq: 9 Apr 2021 20:24

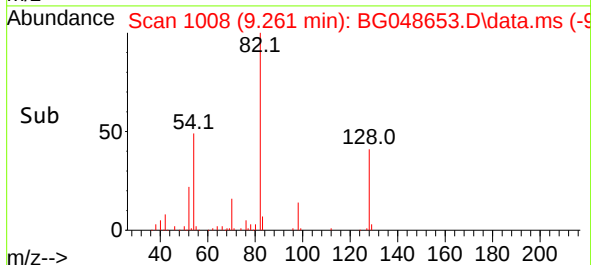
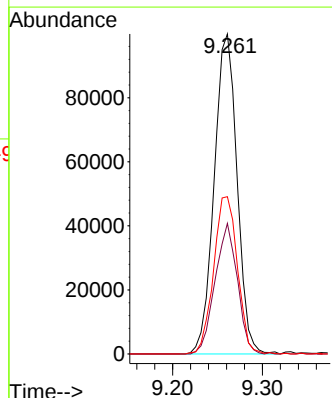
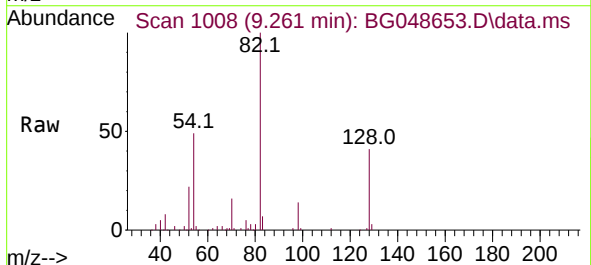
Instrument :
BNA_G
ClientSampleId :
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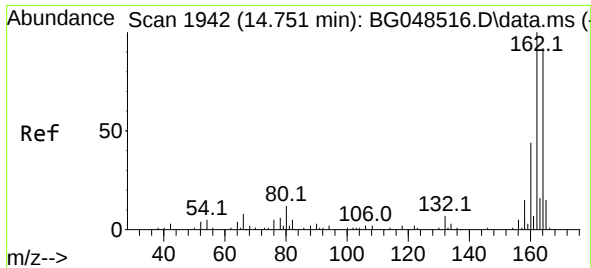
Tgt Ion:	136	Resp:	103716
Ion Ratio	Lower	Upper	
136	100		
137	8.1	8.6	12.8#
54	4.7	4.2	6.4
68	2.9	3.0	4.4#



#23
Nitrobenzene-d5
Concen: 82.39 ng
RT: 9.261 min Scan# 1008
Delta R.T. -0.003 min
Lab File: BG048653.D
Acq: 9 Apr 2021 20:24

Tgt Ion:	82	Resp:	176489
Ion Ratio	Lower	Upper	
82	100		
128	40.8	26.2	39.4#
54	49.1	38.9	58.3

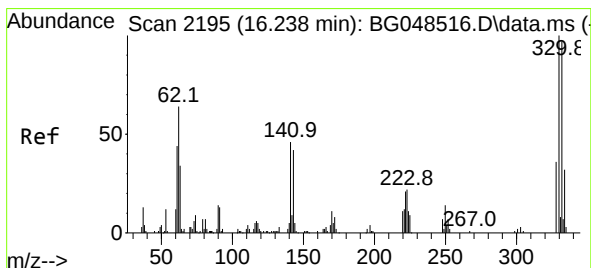
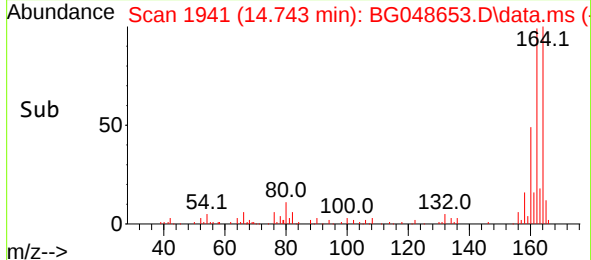
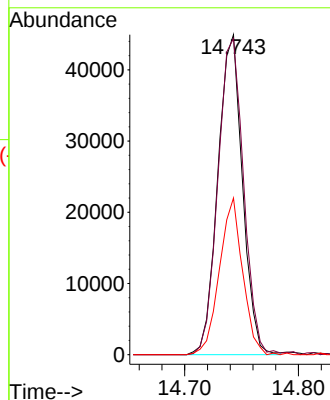
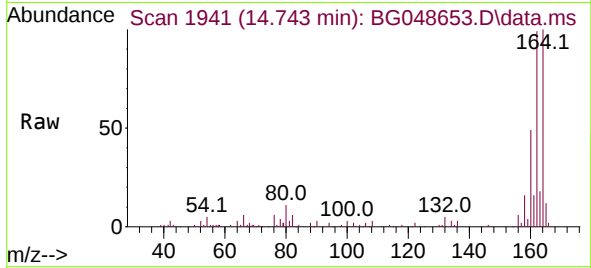




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.743 min Scan# 1941
Delta R.T. -0.008 min
Lab File: BG048653.D
Acq: 9 Apr 2021 20:24

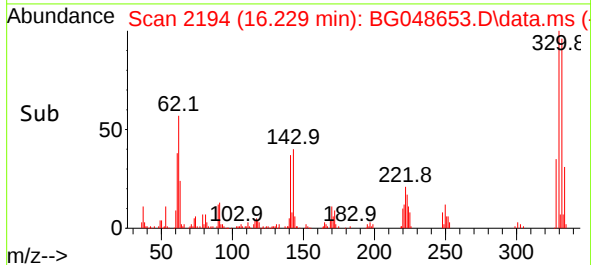
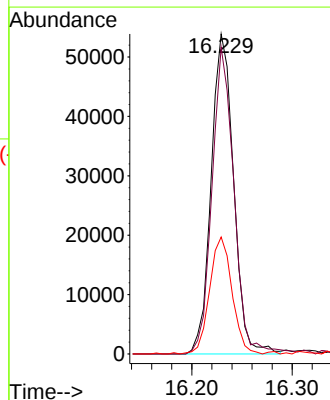
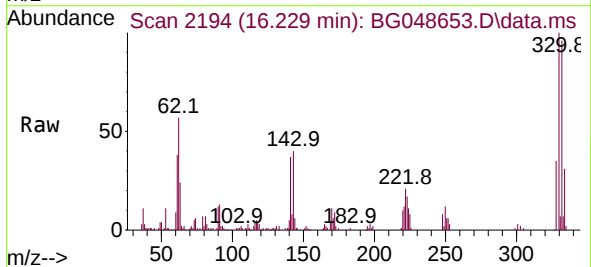
Instrument :
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ClientSampleId :
ELEVATOR-PIT-STANDING-WATER

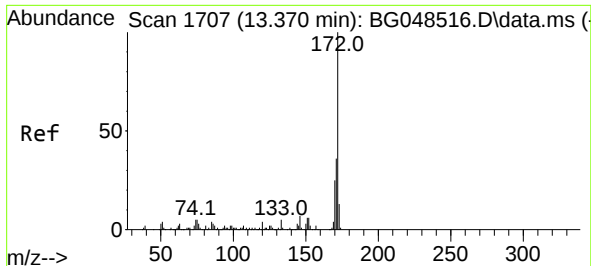
Tgt Ion:164 Resp: 67560
Ion Ratio Lower Upper
164 100
162 98.8 87.0 130.6
160 49.0 38.4 57.6



#42
2,4,6-Tribromophenol
Concen: 94.17 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.008 min
Lab File: BG048653.D
Acq: 9 Apr 2021 20:24

Tgt Ion:330 Resp: 83634
Ion Ratio Lower Upper
330 100
332 93.7 77.6 116.4
141 36.5 34.6 52.0

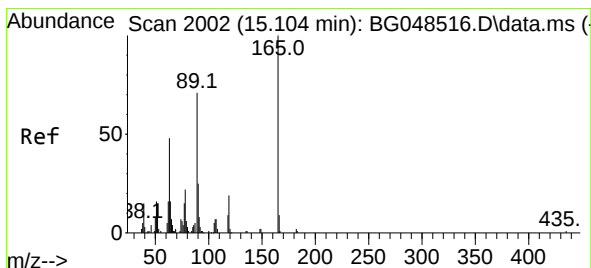
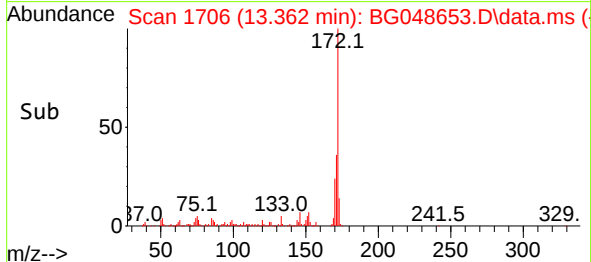
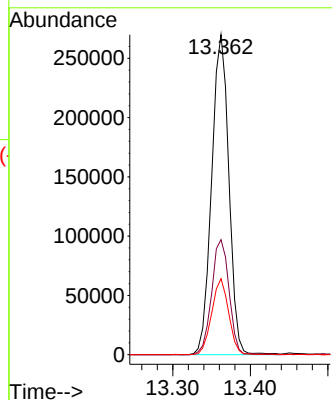
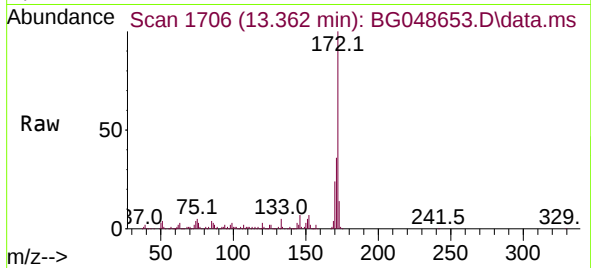




#45
2-Fluorobiphenyl
Concen: 91.56 ng
RT: 13.362 min Scan# 1706
Delta R.T. -0.008 min
Lab File: BG048653.D
Acq: 9 Apr 2021 20:24

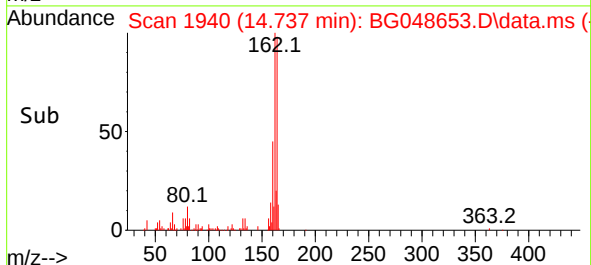
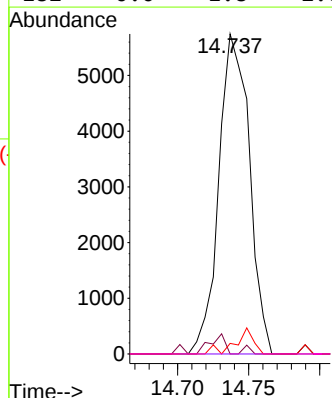
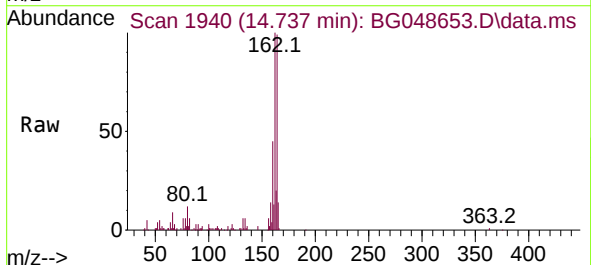
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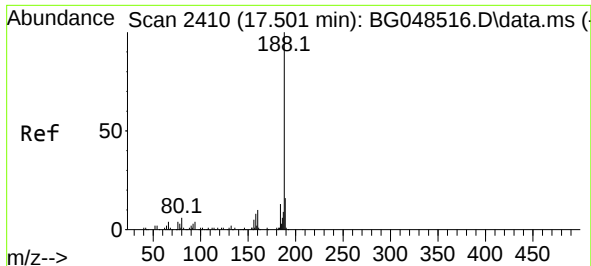
Tgt Ion:172 Resp: 416194
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 23.8 19.8 29.6



#57
2,4-Dinitrotoluene
Concen: 5.28 ng
RT: 14.737 min Scan# 1940
Delta R.T. -0.367 min
Lab File: BG048653.D
Acq: 9 Apr 2021 20:24

Tgt Ion:165 Resp: 8568
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 3.3 56.5 84.7#
182 0.0 1.8 2.6#

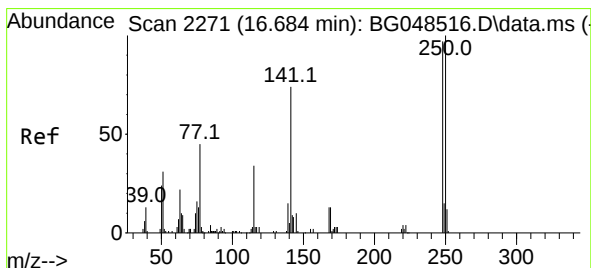
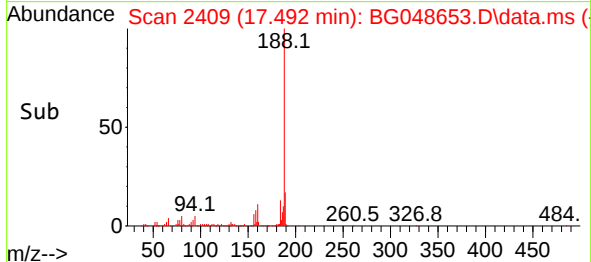
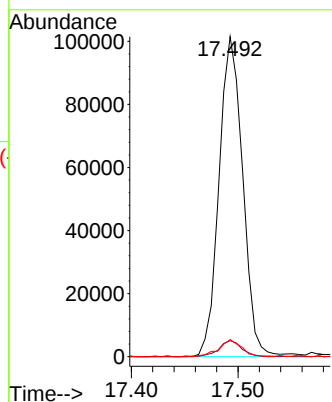
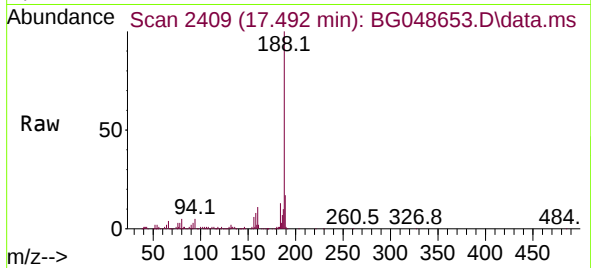




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.008 min
Lab File: BG048653.D
Acq: 9 Apr 2021 20:24

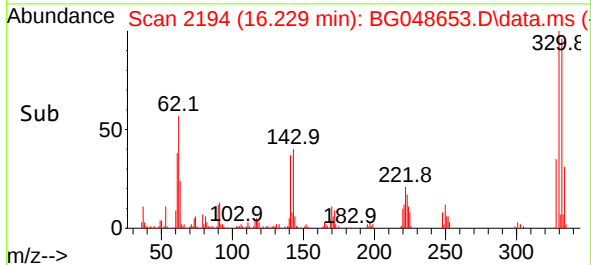
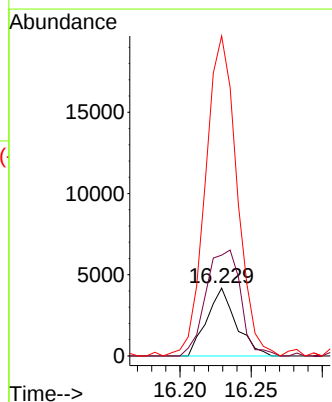
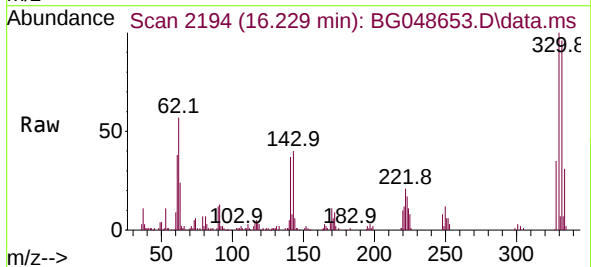
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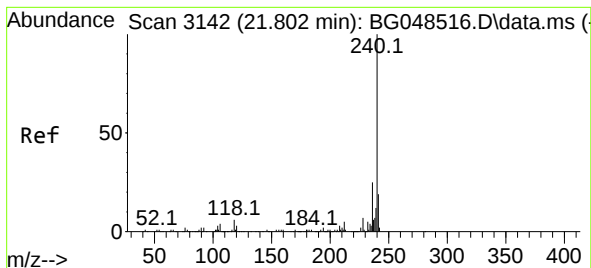
Tgt Ion:188 Resp: 156310
Ion Ratio Lower Upper
188 100
94 5.0 3.0 4.6#
80 5.4 4.5 6.7



#67
4-Bromophenyl-phenylether
Concen: 3.45 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.455 min
Lab File: BG048653.D
Acq: 9 Apr 2021 20:24

Tgt Ion:248 Resp: 5970
Ion Ratio Lower Upper
248 100
250 148.8 82.6 124.0#
141 472.1 61.0 91.6#

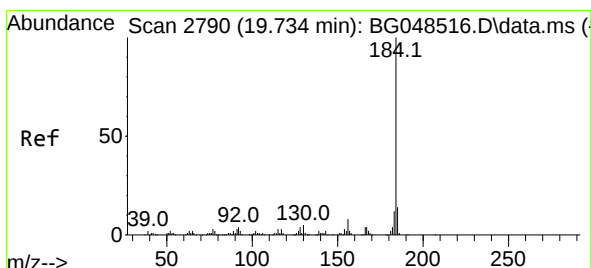
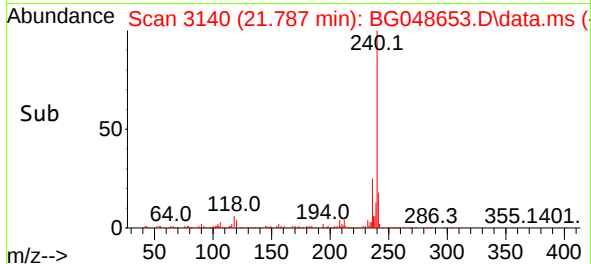
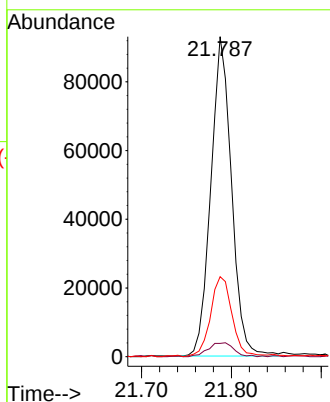
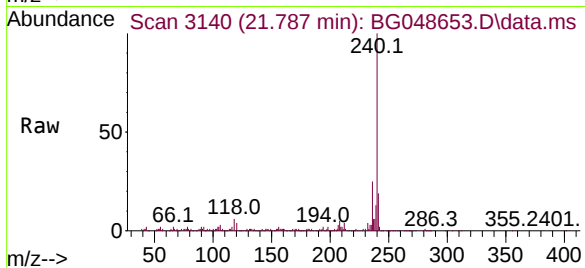




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.787 min Scan# 3140
Delta R.T. -0.014 min
Lab File: BG048653.D
Acq: 9 Apr 2021 20:24

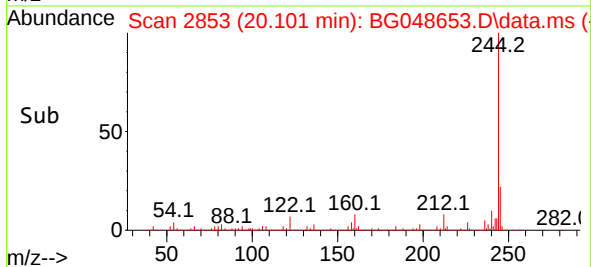
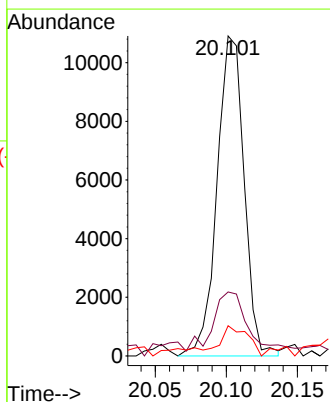
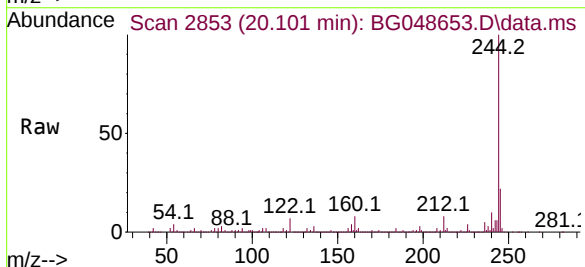
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ELEVATOR-PIT-STANDING-WATER

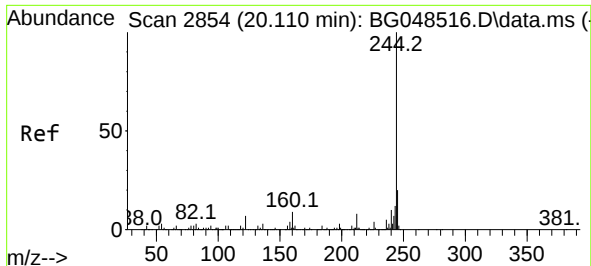
Tgt Ion:240 Resp: 148629
Ion Ratio Lower Upper
240 100
120 4.1 2.6 3.8#
236 25.0 19.8 29.6



#77
Benzidine
Concen: 2.87 ng
RT: 20.101 min Scan# 2853
Delta R.T. 0.368 min
Lab File: BG048653.D
Acq: 9 Apr 2021 20:24

Tgt Ion:184 Resp: 14469
Ion Ratio Lower Upper
184 100
185 20.0 11.0 16.4#
183 9.5 9.2 13.8

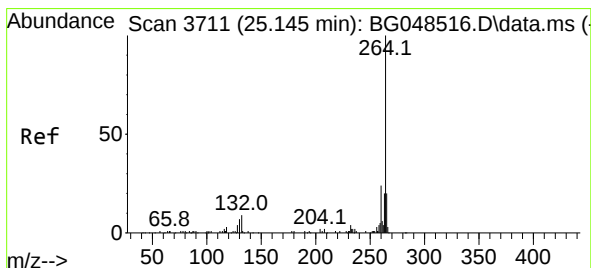
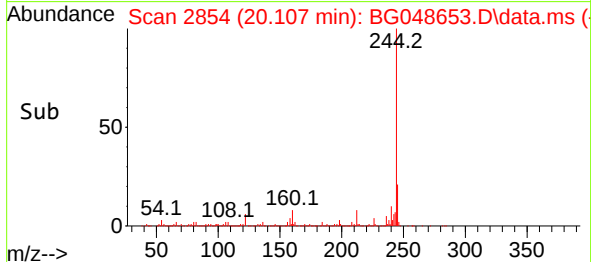
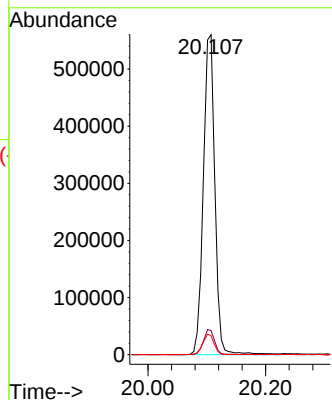
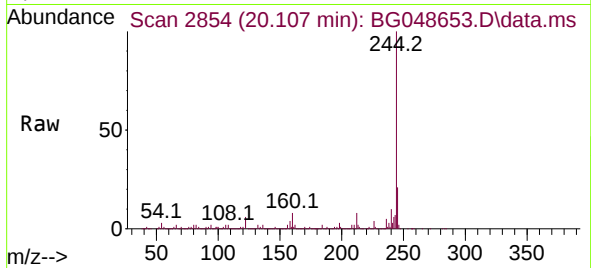




#79
 Terphenyl-d14
 Concen: 93.66 ng
 RT: 20.107 min Scan# 2854
 Delta R.T. -0.003 min
 Lab File: BG048653.D
 Acq: 9 Apr 2021 20:24

Instrument :
 BNA_G
 ClientSampleId :
 ELEVATOR-PIT-STANDING-WATER

Tgt Ion:244 Resp: 761202
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 6.0 5.8 8.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.125 min Scan# 3708
 Delta R.T. -0.020 min
 Lab File: BG048653.D
 Acq: 9 Apr 2021 20:24

Tgt Ion:264 Resp: 159846
 Ion Ratio Lower Upper
 264 100
 260 20.6 19.1 28.7
 265 18.1 16.1 24.1

