

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040422\
 Data File : BG053019.D
 Acq On : 4 Apr 2022 22:17
 Operator : CG/JU
 Sample : N2207-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20220352-AMENDED-098-21-01

Quant Time: Apr 05 01:08:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 16:48:57 2022
 Response via : Initial Calibration

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

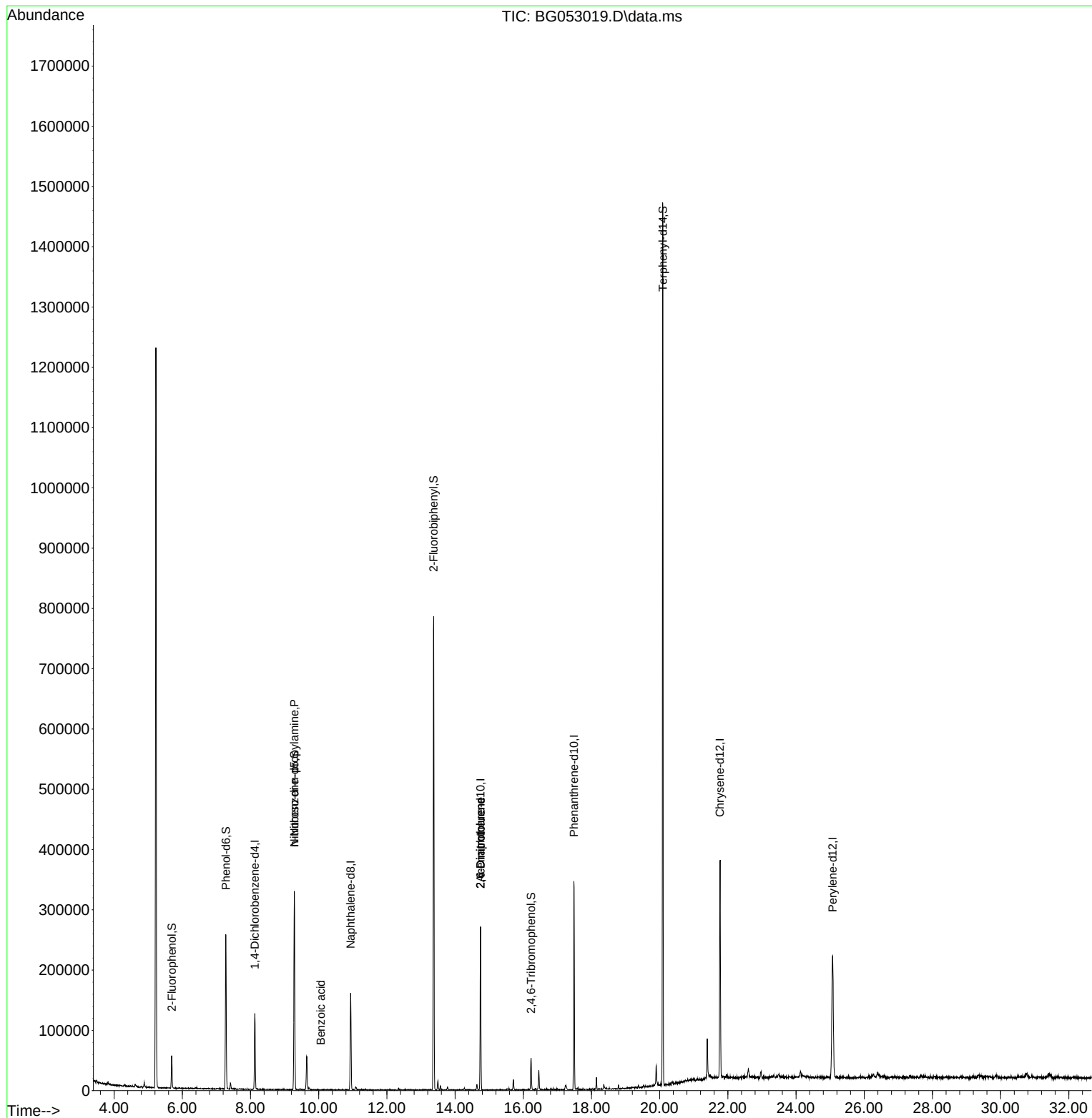
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	34080	20.000	ng	-0.02
21) Naphthalene-d8	10.936	136	132037	20.000	ng	#-0.02
39) Acenaphthene-d10	14.749	164	96465	20.000	ng	-0.02
64) Phenanthrene-d10	17.486	188	223562	20.000	ng	-0.02
76) Chrysene-d12	21.769	240	234435	20.000	ng	-0.03
86) Perylene-d12	25.070	264	239804	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	21902	11.192	ng	0.00
7) Phenol-d6	7.276	99	141591	47.993	ng	-0.01
23) Nitrobenzene-d5	9.286	82	203312	77.284	ng	-0.02
42) 2,4,6-Tribromophenol	16.229	330	10116	7.804	ng	-0.02
45) 2-Fluorobiphenyl	13.374	172	415276	63.491	ng	-0.02
79) Terphenyl-d14	20.094	244	739018	56.075	ng	-0.02
Target Compounds						
						Qvalue
9) Benzaldehyde	7.265	77	536	Below Cal	#	57
19) n-Nitroso-di-n-propyla...	9.286	70	30269	14.486	ng	# 78
32) Benzoic acid	10.067	122	56	5.709	ng	# 1
51) 2,6-Dinitrotoluene	14.743	165	12312	10.171	ng	# 24
57) 2,4-Dinitrotoluene	14.743	165	12312	7.331	ng	# 22

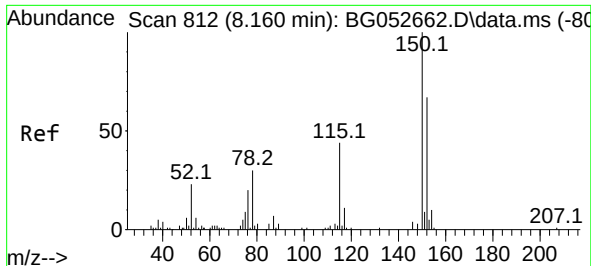
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 24 16:48:57 2022
Response via : Initial Calibration

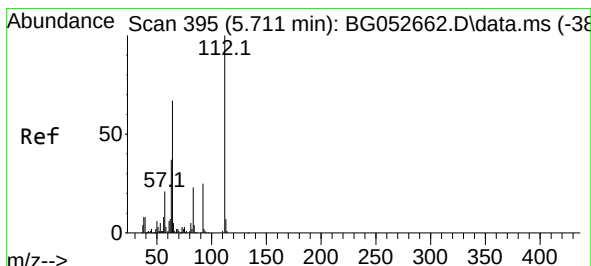
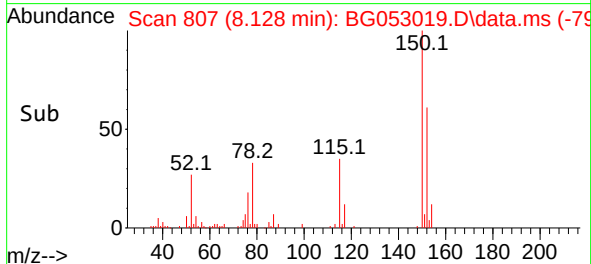
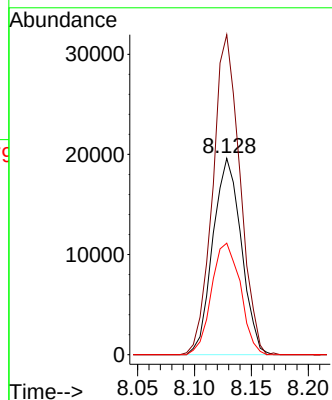
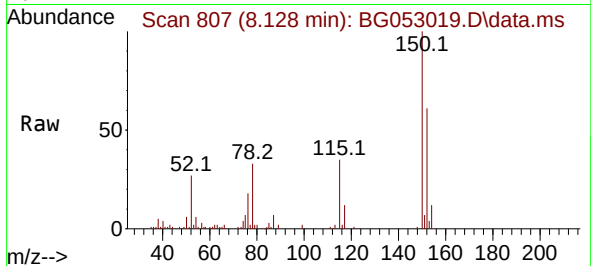




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.128 min Scan# 80
Delta R.T. -0.018 min
Lab File: BG053019.D
Acq: 4 Apr 2022 22:17

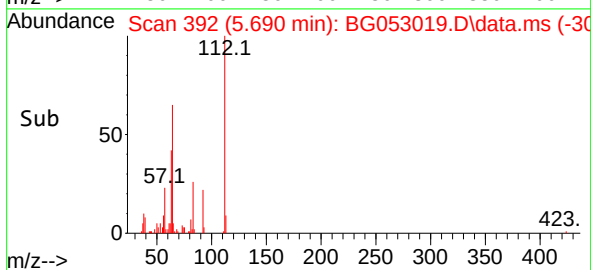
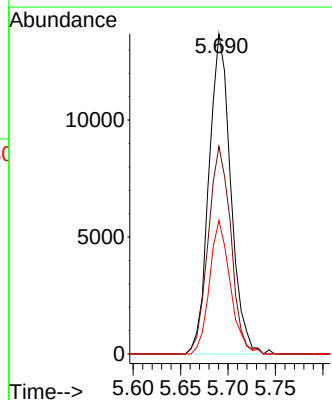
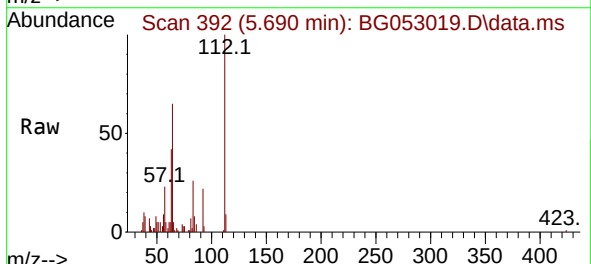
Instrument :
BNA_G
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20220352-AMENDED-098-21-01

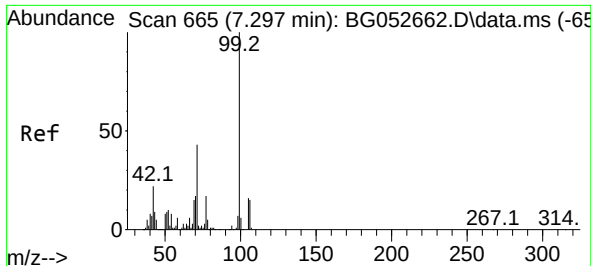
Tgt Ion:152 Resp: 34080
Ion Ratio Lower Upper
152 100
150 162.9 114.6 172.0
115 56.8 45.9 68.9



#5
2-Fluorophenol
Concen: 11.192 ng
RT: 5.690 min Scan# 392
Delta R.T. -0.006 min
Lab File: BG053019.D
Acq: 4 Apr 2022 22:17

Tgt Ion:112 Resp: 21902
Ion Ratio Lower Upper
112 100
64 64.8 48.0 72.0
63 41.7 26.5 39.7#

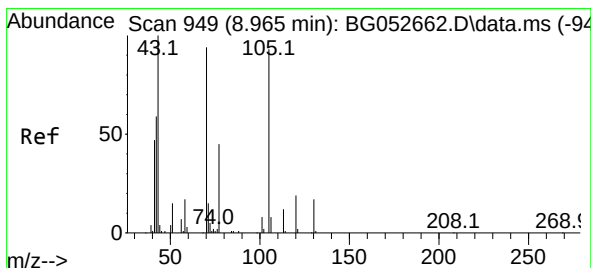
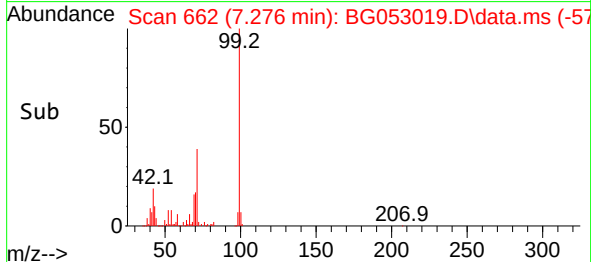
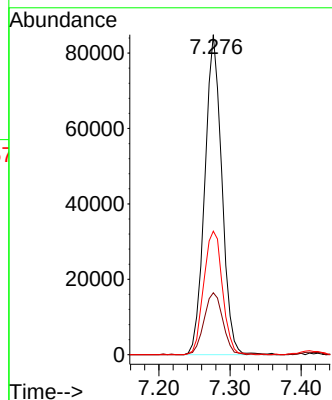
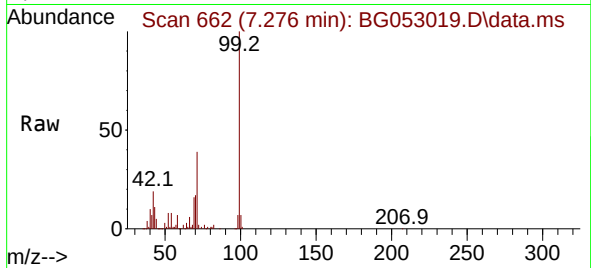




#7
Phenol-d6
Concen: 47.993 ng
RT: 7.276 min Scan# 6
Delta R.T. -0.012 min
Lab File: BG053019.D
Acq: 4 Apr 2022 22:17

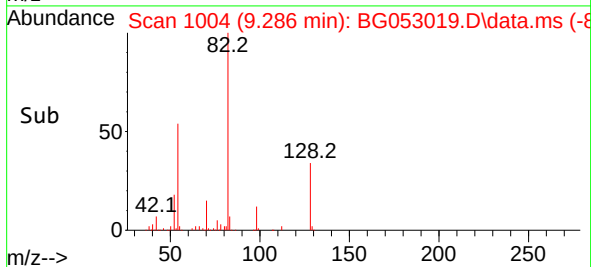
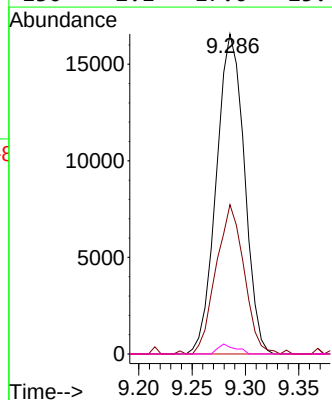
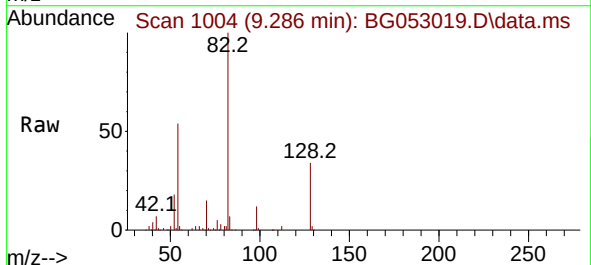
Instrument :
BNA_G
ClientSampleId :
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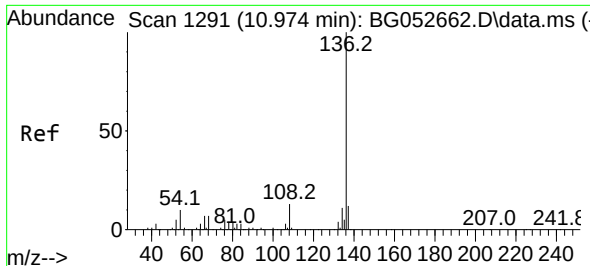
Tgt Ion: 99 Resp: 141591
Ion Ratio Lower Upper
99 100
42 19.4 14.7 22.1
71 38.6 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.486 ng
RT: 9.286 min Scan# 1004
Delta R.T. 0.340 min
Lab File: BG053019.D
Acq: 4 Apr 2022 22:17

Tgt Ion: 70 Resp: 30269
Ion Ratio Lower Upper
70 100
42 46.7 46.0 69.0
101 0.0 6.2 9.4#
130 2.1 17.0 25.4#

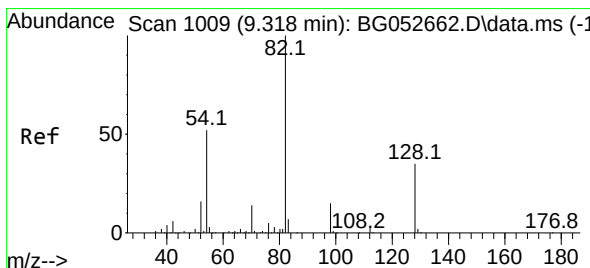
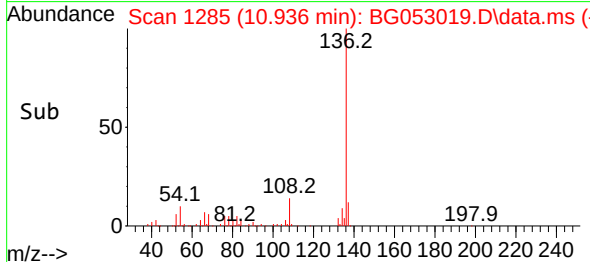
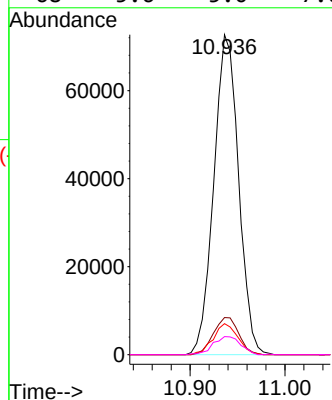
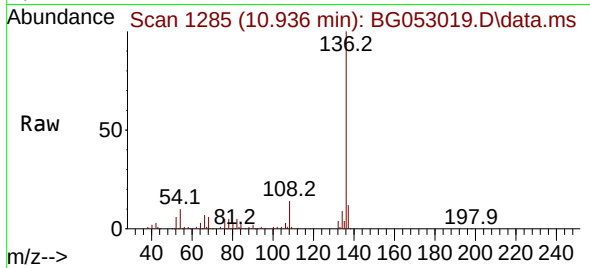




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.936 min Scan# 11
Delta R.T. -0.024 min
Lab File: BG053019.D
Acq: 4 Apr 2022 22:17

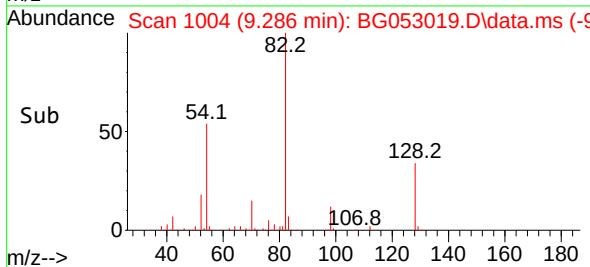
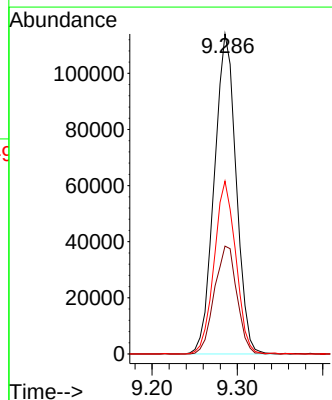
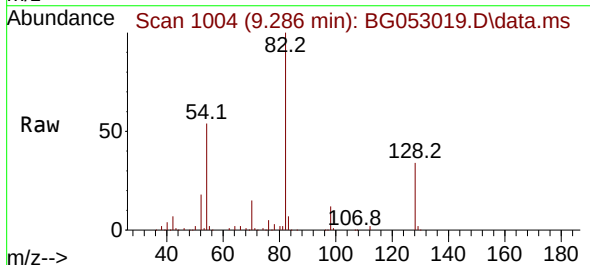
Instrument :
BNA_G
ClientSampleId :
20220352-AMENDED-098-21-01

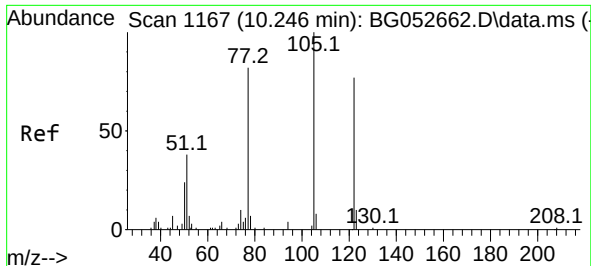
Tgt Ion:136 Resp: 132037
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.2
54 9.7 6.4 9.6#
68 5.6 5.0 7.6



#23
Nitrobenzene-d5
Concen: 77.284 ng
RT: 9.286 min Scan# 1004
Delta R.T. -0.018 min
Lab File: BG053019.D
Acq: 4 Apr 2022 22:17

Tgt Ion: 82 Resp: 203312
Ion Ratio Lower Upper
82 100
128 33.7 31.3 46.9
54 54.0 37.8 56.8

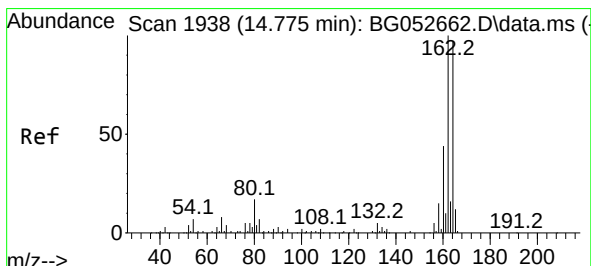
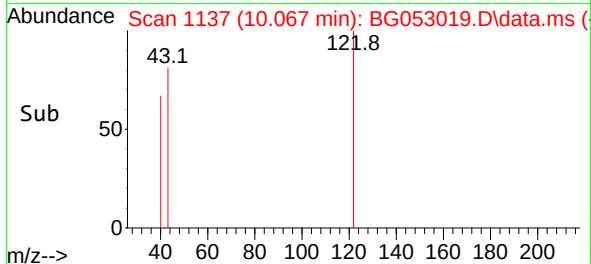
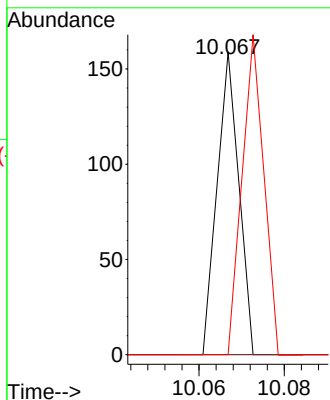
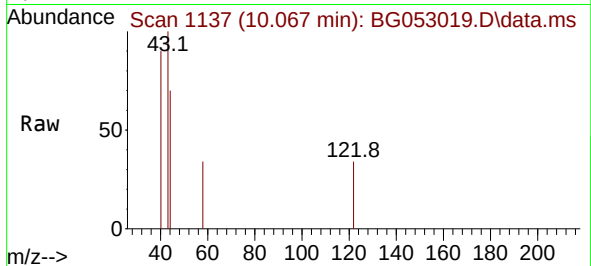




#32
Benzoic acid
Concen: 5.709 ng
RT: 10.067 min Scan# 1167
Delta R.T. -0.171 min
Lab File: BG053019.D
Acq: 4 Apr 2022 22:17

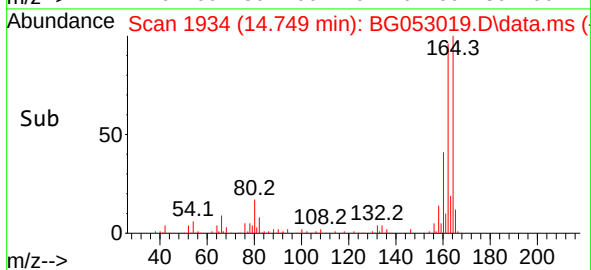
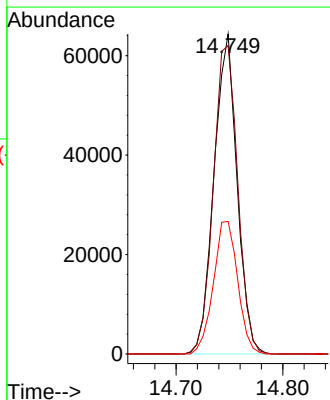
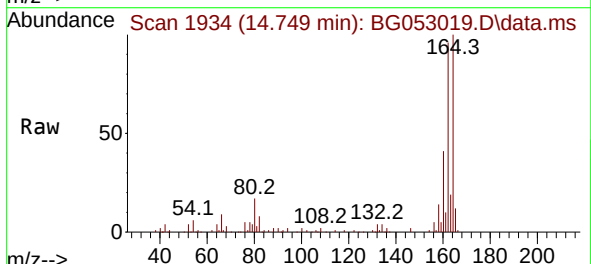
Instrument : BNA_G
ClientSampleId : 20220352-AMENDED-098-21-01

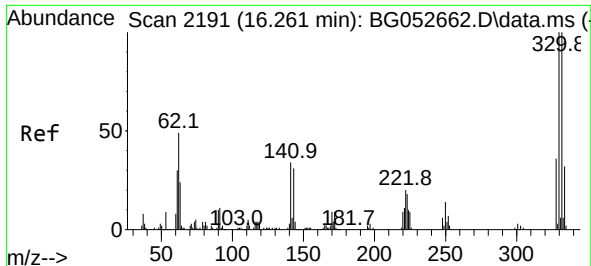
Tgt Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 0.0 112.8 152.8#
77 0.0 78.4 118.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.749 min Scan# 1934
Delta R.T. -0.018 min
Lab File: BG053019.D
Acq: 4 Apr 2022 22:17

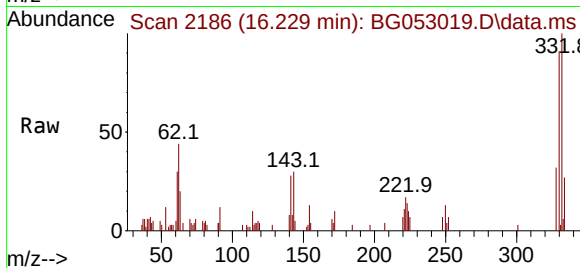
Tgt Ion:164 Resp: 96465
Ion Ratio Lower Upper
164 100
162 96.4 80.0 120.0
160 41.4 38.8 58.2



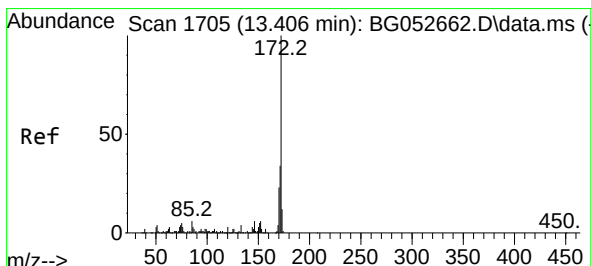
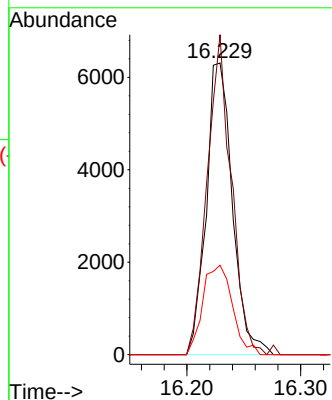
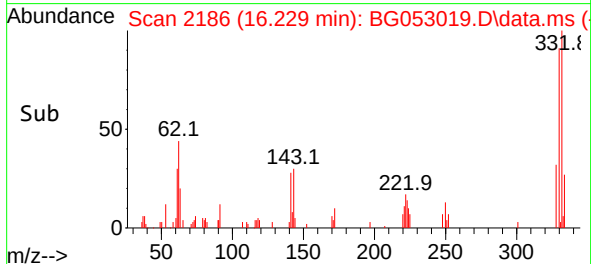


#42
2,4,6-Tribromophenol
Concen: 7.804 ng
RT: 16.229 min Scan# 2191
Delta R.T. -0.018 min
Lab File: BG053019.D
Acq: 4 Apr 2022 22:17

Instrument :
BNA_G
ClientSampleId :
20220352-AMENDED-098-21-01

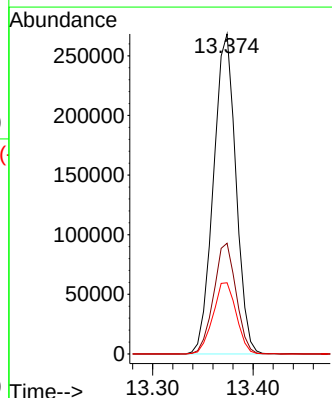
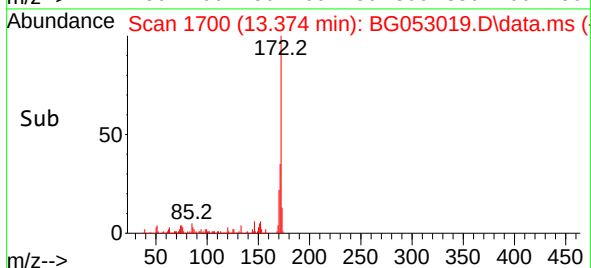
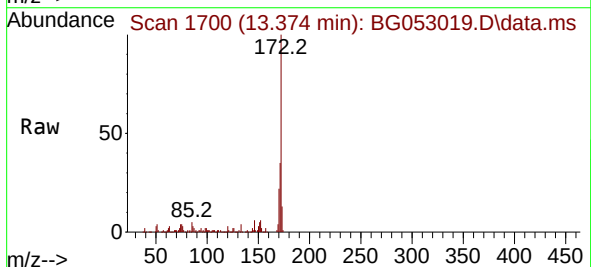


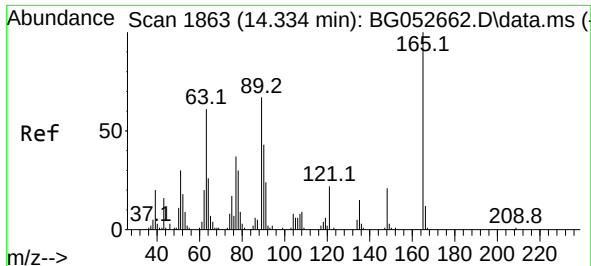
Tgt Ion:330 Resp: 10116
Ion Ratio Lower Upper
330 100
332 100.9 75.8 113.6
141 34.6 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 63.491 ng
RT: 13.374 min Scan# 1700
Delta R.T. -0.018 min
Lab File: BG053019.D
Acq: 4 Apr 2022 22:17

Tgt Ion:172 Resp: 415276
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 22.3 18.0 27.0

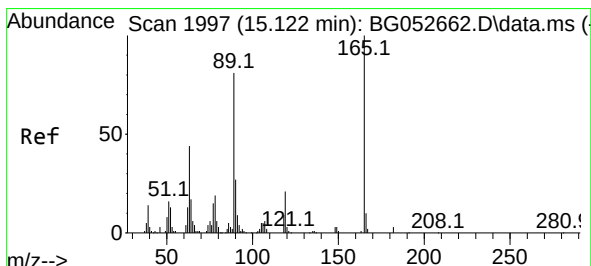
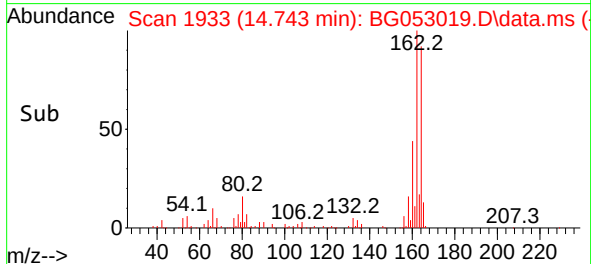
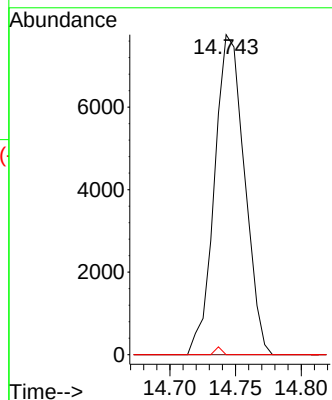
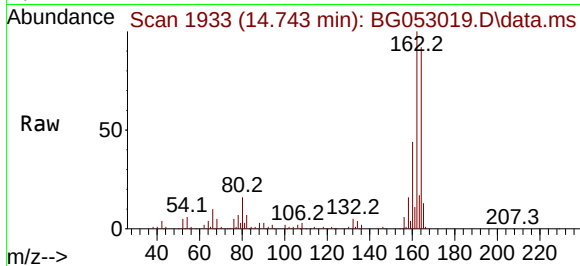




#51
2,6-Dinitrotoluene
Concen: 10.171 ng
RT: 14.743 min Scan# 1933
Delta R.T. 0.417 min
Lab File: BG053019.D
Acq: 4 Apr 2022 22:17

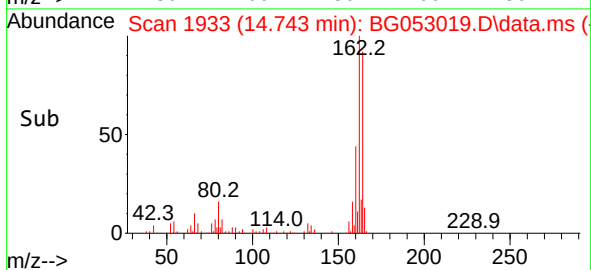
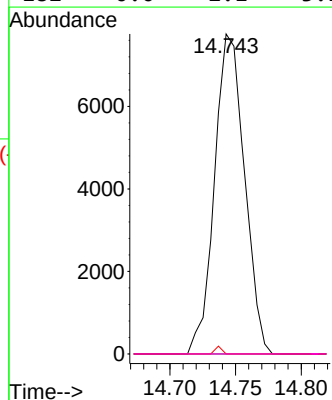
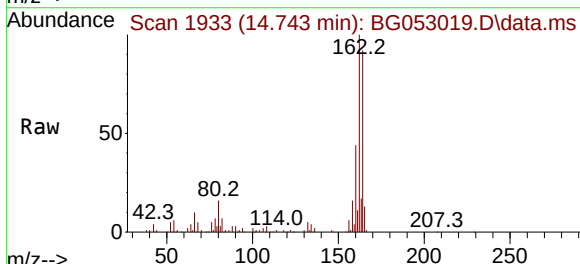
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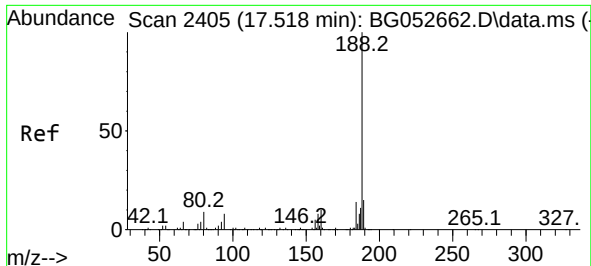
Tgt Ion:165 Resp: 12312
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 7.331 ng
RT: 14.743 min Scan# 1933
Delta R.T. -0.370 min
Lab File: BG053019.D
Acq: 4 Apr 2022 22:17

Tgt Ion:165 Resp: 12312
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#

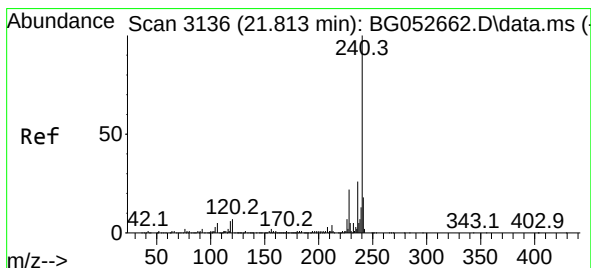
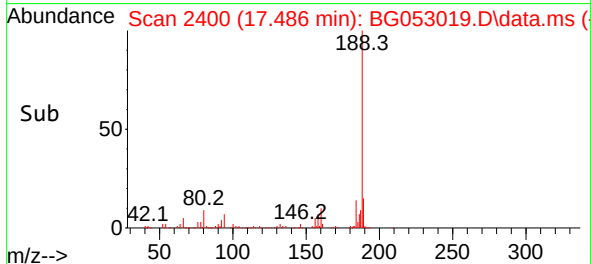
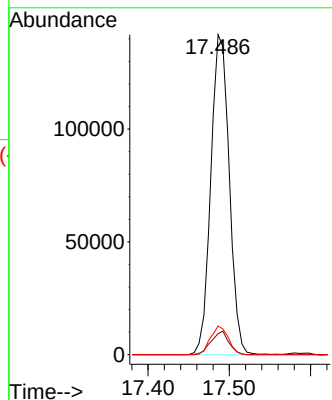
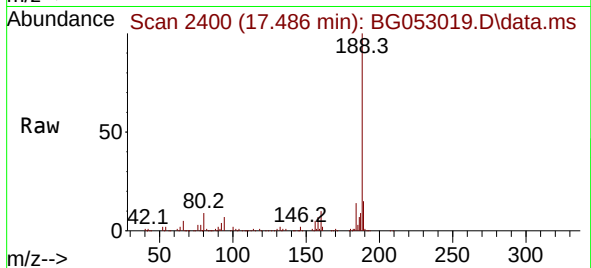




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.486 min Scan# 24
Delta R.T. -0.018 min
Lab File: BG053019.D
Acq: 4 Apr 2022 22:17

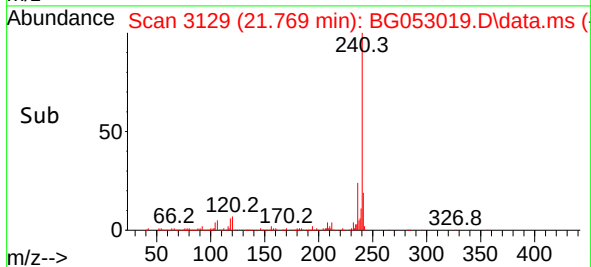
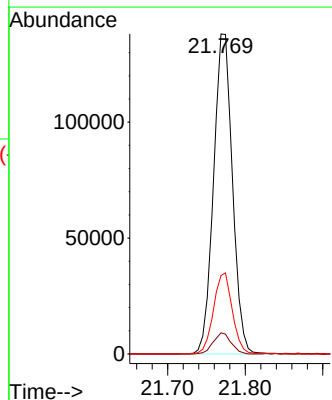
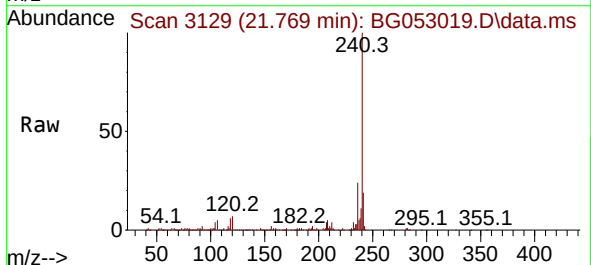
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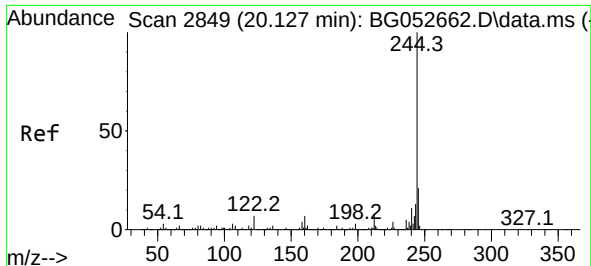
Tgt Ion:188 Resp: 223562
Ion Ratio Lower Upper
188 100
94 6.6 5.7 8.5
80 9.0 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.769 min Scan# 3129
Delta R.T. -0.030 min
Lab File: BG053019.D
Acq: 4 Apr 2022 22:17

Tgt Ion:240 Resp: 234435
Ion Ratio Lower Upper
240 100
120 6.6 5.4 8.0
236 24.5 19.8 29.6

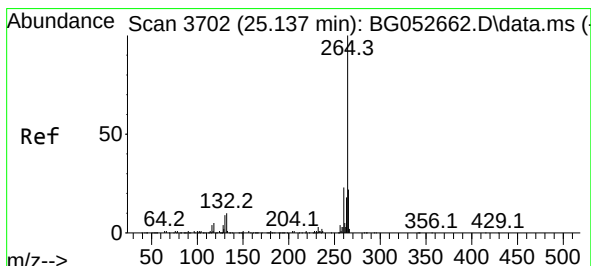
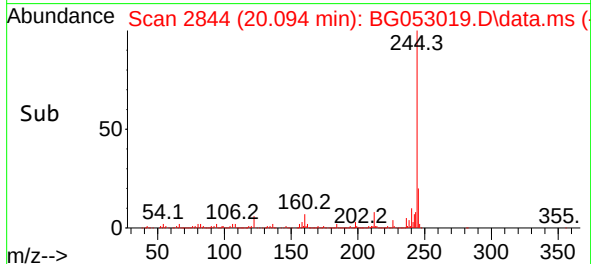
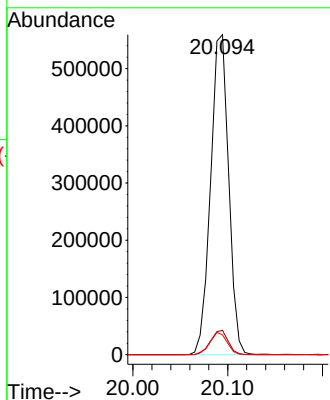
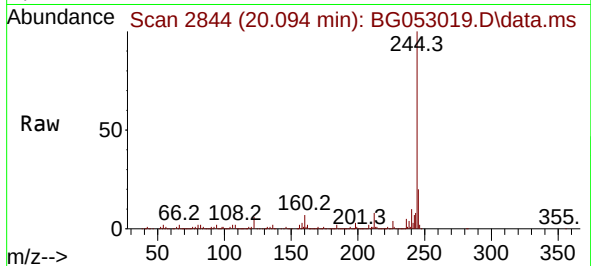




#79
 Terphenyl-d14
 Concen: 56.075 ng
 RT: 20.094 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BG053019.D
 Acq: 4 Apr 2022 22:17

Instrument :
 BNA_G
 ClientSampleId :
 20220352-AMENDED-098-21-01

Tgt Ion:244 Resp: 739018
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.2
 122 6.2 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.070 min Scan# 3691
 Delta R.T. -0.041 min
 Lab File: BG053019.D
 Acq: 4 Apr 2022 22:17

Tgt Ion:264 Resp: 239804
 Ion Ratio Lower Upper
 264 100
 260 21.6 18.2 27.2
 265 19.8 15.1 22.7

