

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
 Data File : BG060744.D
 Acq On : 2 Apr 2024 19:24
 Operator : MA/JU
 Sample : P1927-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB-03252024

Quant Time: Apr 03 00:42:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

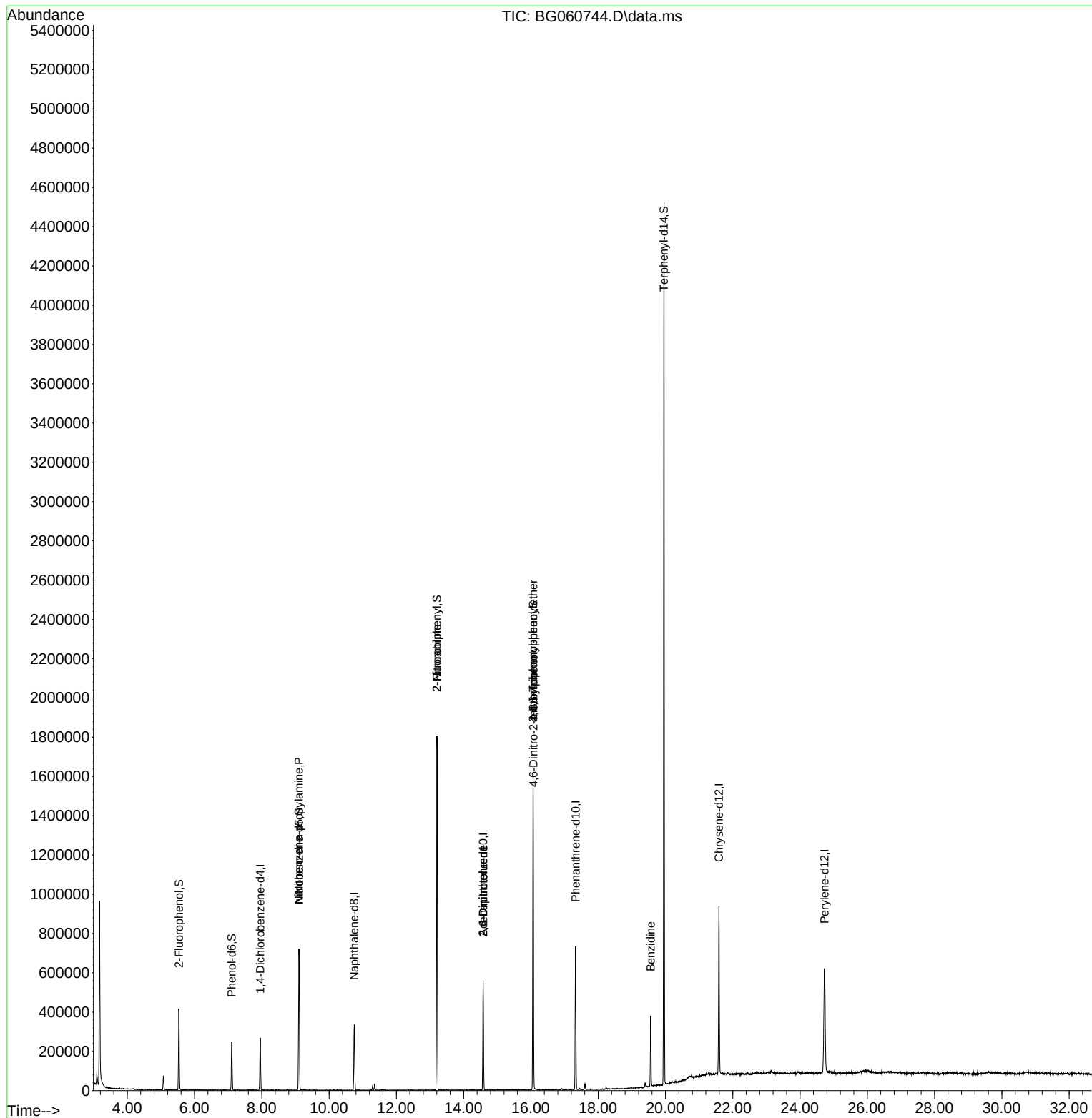
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	69236	20.000	ng	0.00
21) Naphthalene-d8	10.750	136	273729	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	191620	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	470738	20.000	ng	0.00
76) Chrysene-d12	21.590	240	488801	20.000	ng	-0.01
86) Perylene-d12	24.727	264	573791	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	165928	39.924	ng	0.00
7) Phenol-d6	7.107	99	131012	21.236	ng	0.00
23) Nitrobenzene-d5	9.105	82	392293	81.777	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	314832	144.737	ng	0.00
45) 2-Fluorobiphenyl	13.206	172	929926	71.224	ng	-0.01
79) Terphenyl-d14	19.957	244	2239026	80.658	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.105	70	51894	11.030	ng	# 75
24) Nitrobenzene	9.105	77	1748	3.081	ng	# 34
48) 2-Nitroaniline	13.206	65	1756	3.347	ng	# 10
51) 2,6-Dinitrotoluene	14.580	165	25369	12.168	ng	# 18
57) 2,4-Dinitrotoluene	14.580	165	25369	10.233	ng	# 19
65) 4,6-Dinitro-2-methylph...	16.073	198	1023	7.483	ng	# 34
67) 4-Bromophenyl-phenylether	16.067	248	21437	4.487	ng	# 1
77) Benzidine	19.563	184	211751	16.452	ng	99

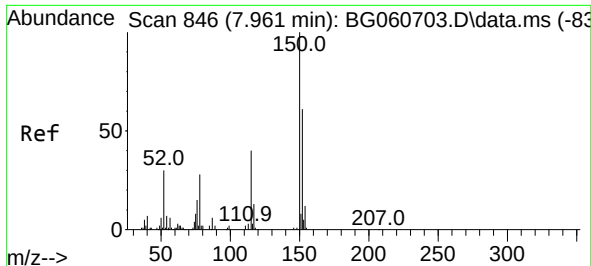
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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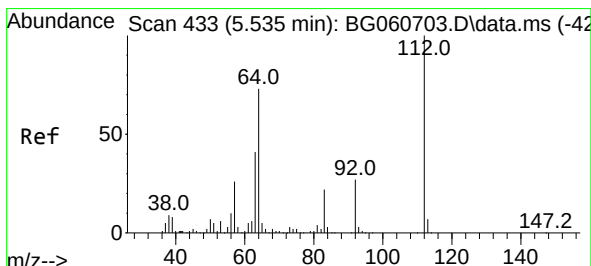
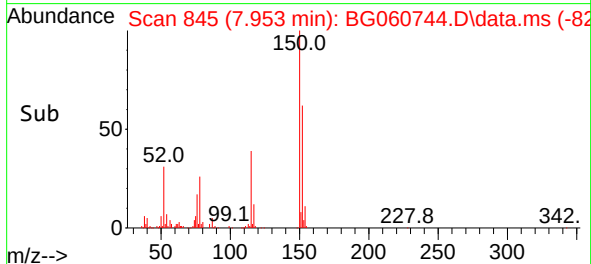
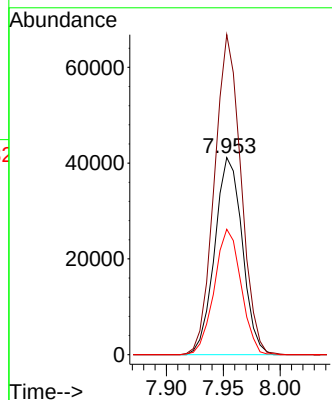
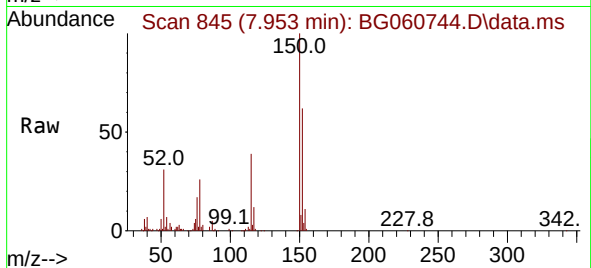




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.953 min Scan# 846
 Delta R.T. -0.008 min
 Lab File: BG060744.D
 Acq: 2 Apr 2024 19:24

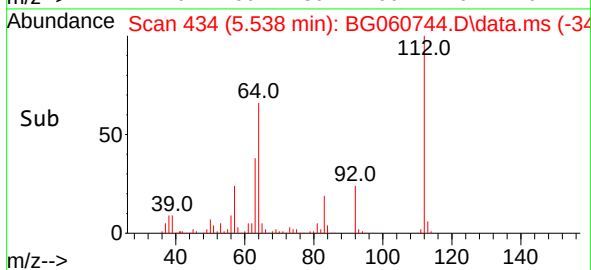
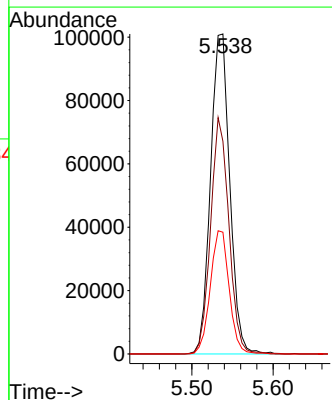
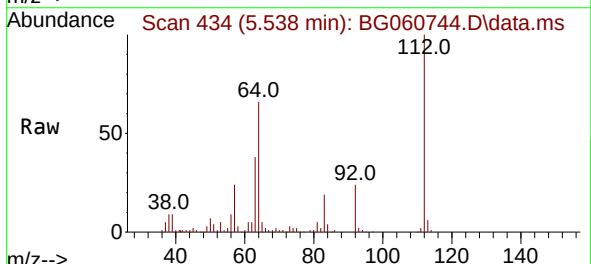
Instrument :
 BNA_G
 ClientSampleId :
 EB-03252024

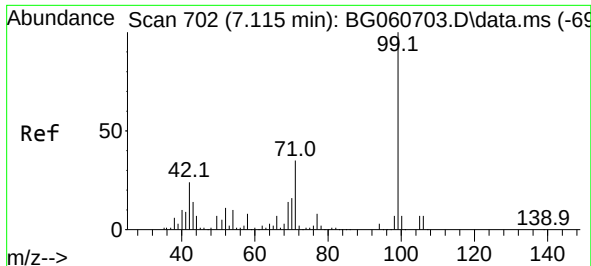
Tgt Ion:152 Resp: 69236
 Ion Ratio Lower Upper
 152 100
 150 162.4 130.2 195.4
 115 63.6 51.6 77.4



#5
 2-Fluorophenol
 Concen: 39.924 ng
 RT: 5.538 min Scan# 434
 Delta R.T. 0.003 min
 Lab File: BG060744.D
 Acq: 2 Apr 2024 19:24

Tgt Ion:112 Resp: 165928
 Ion Ratio Lower Upper
 112 100
 64 66.5 58.4 87.6
 63 38.1 32.7 49.1

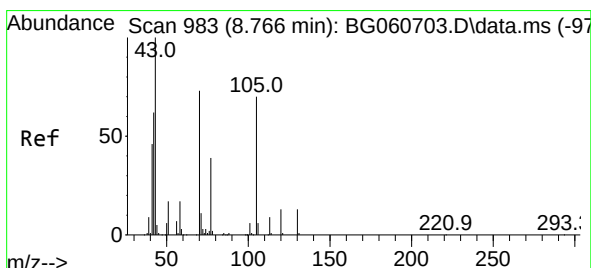
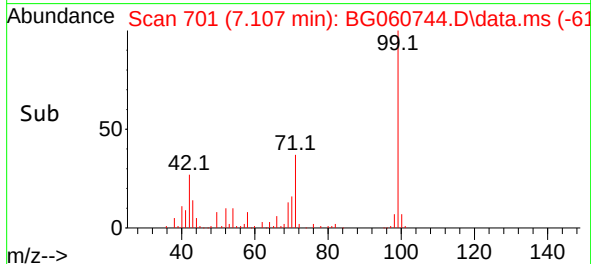
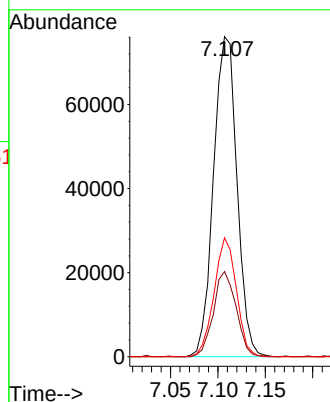
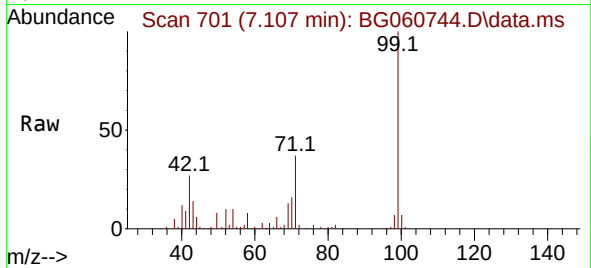




#7
Phenol-d6
Concen: 21.236 ng
RT: 7.107 min Scan# 70
Delta R.T. -0.008 min
Lab File: BG060744.D
Acq: 2 Apr 2024 19:24

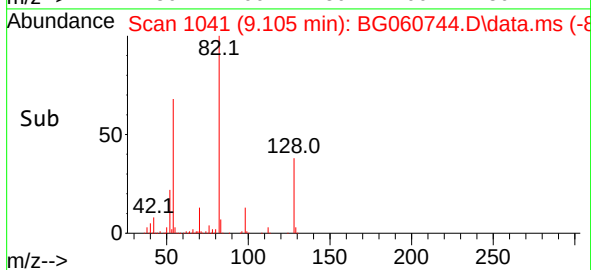
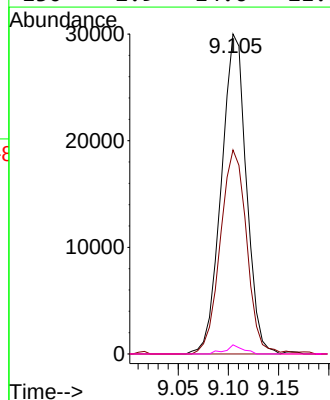
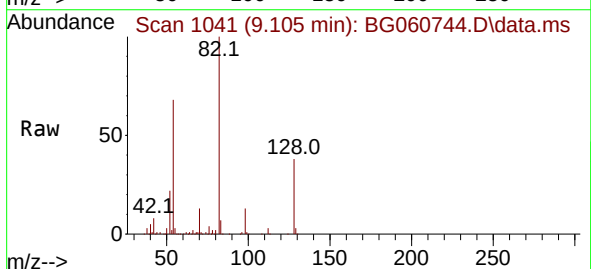
Instrument :
BNA_G
ClientSampleId :
EB-03252024

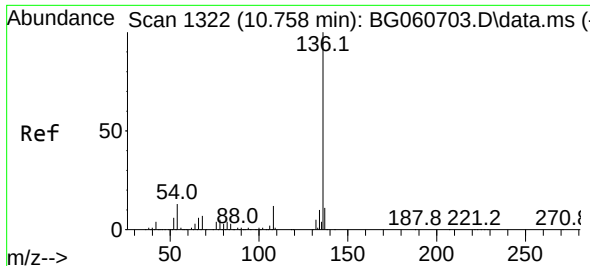
Tgt Ion: 99 Resp: 131012
Ion Ratio Lower Upper
99 100
42 26.6 19.4 29.2
71 37.2 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.030 ng
RT: 9.105 min Scan# 1041
Delta R.T. 0.339 min
Lab File: BG060744.D
Acq: 2 Apr 2024 19:24

Tgt Ion: 70 Resp: 51894
Ion Ratio Lower Upper
70 100
42 63.8 68.4 102.6#
101 0.0 6.1 9.1#
130 2.9 14.6 21.8#



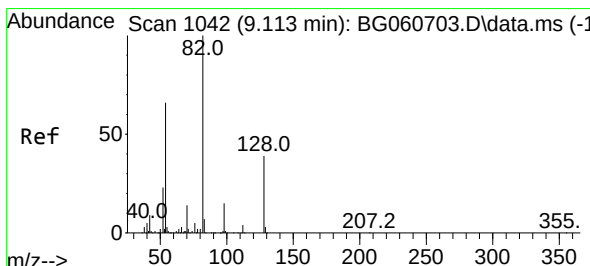
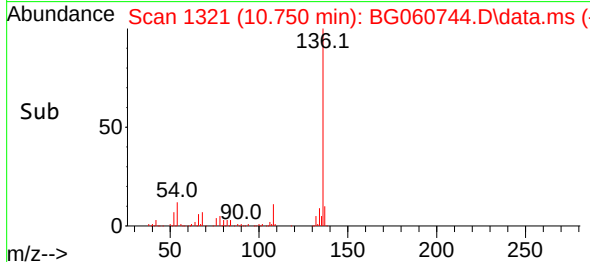
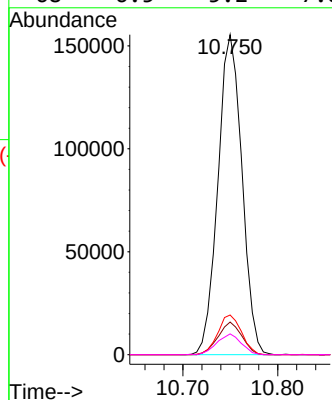
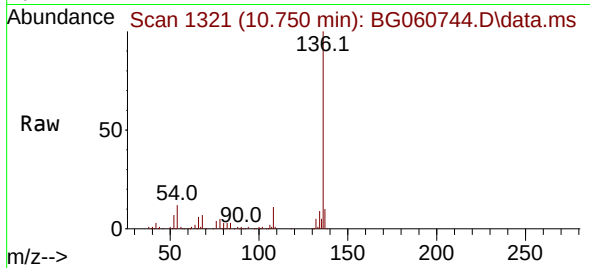


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.750 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG060744.D
Acq: 2 Apr 2024 19:24

Instrument :
BNA_G
ClientSampleId :
EB-03252024

Tgt Ion:136 Resp: 273729

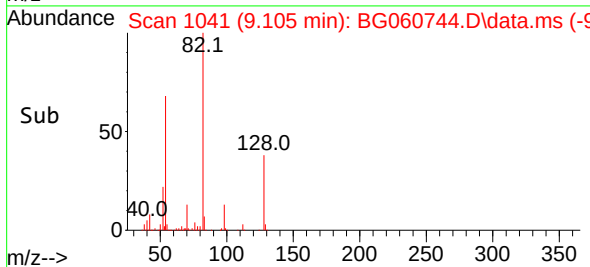
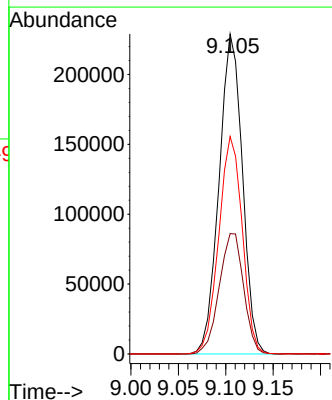
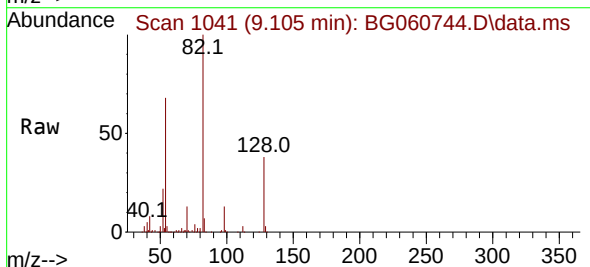
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.8	13.2
54	12.4	10.2	15.2
68	6.5	5.2	7.8

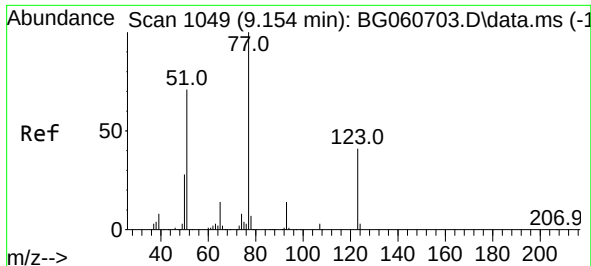


#23
Nitrobenzene-d5
Concen: 81.777 ng
RT: 9.105 min Scan# 1041
Delta R.T. -0.008 min
Lab File: BG060744.D
Acq: 2 Apr 2024 19:24

Tgt Ion: 82 Resp: 392293

Ion	Ratio	Lower	Upper
82	100		
128	37.6	31.2	46.8
54	68.0	53.2	79.8

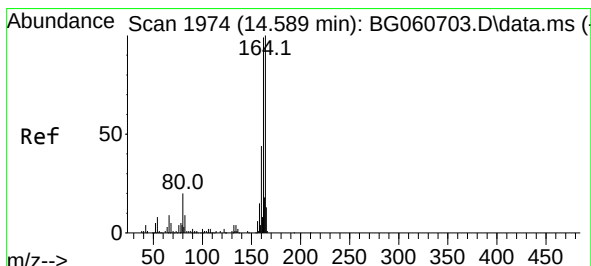
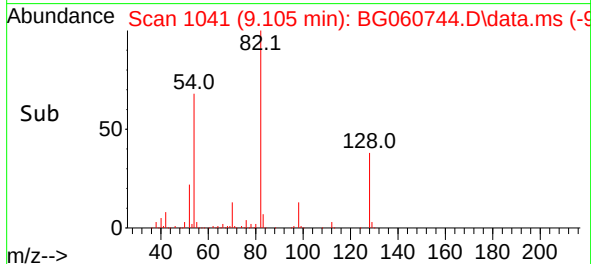
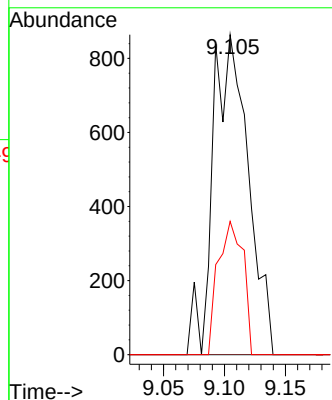
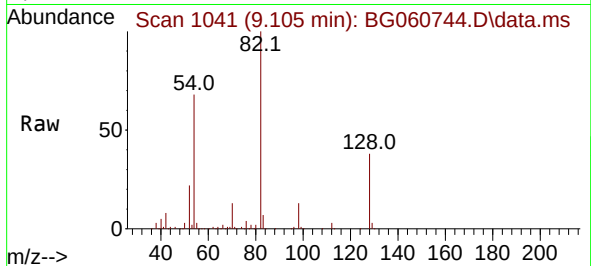




#24
Nitrobenzene
Concen: 3.081 ng
RT: 9.105 min Scan# 1041
Delta R.T. -0.049 min
Lab File: BG060744.D
Acq: 2 Apr 2024 19:24

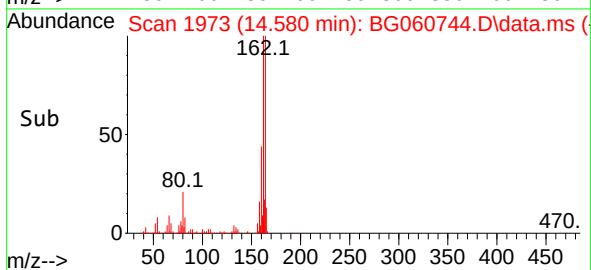
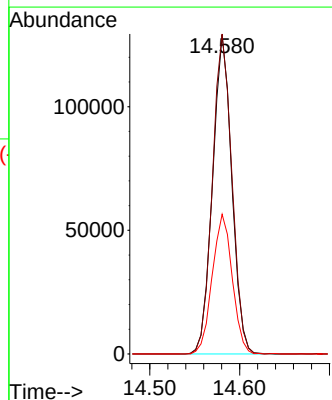
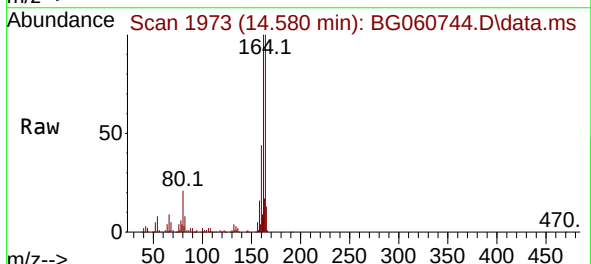
Instrument :
BNA_G
ClientSampleId :
EB-03252024

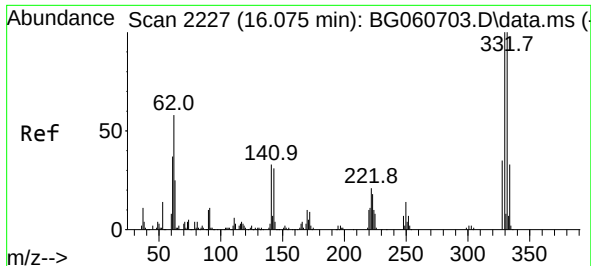
Tgt Ion: 77 Resp: 1748
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 41.7 11.3 16.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.580 min Scan# 1973
Delta R.T. -0.009 min
Lab File: BG060744.D
Acq: 2 Apr 2024 19:24

Tgt Ion:164 Resp: 191620
Ion Ratio Lower Upper
164 100
162 100.3 79.5 119.3
160 43.8 35.4 53.0

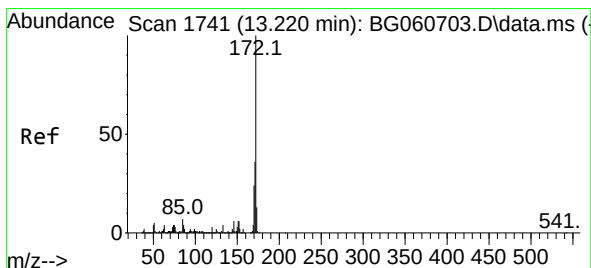
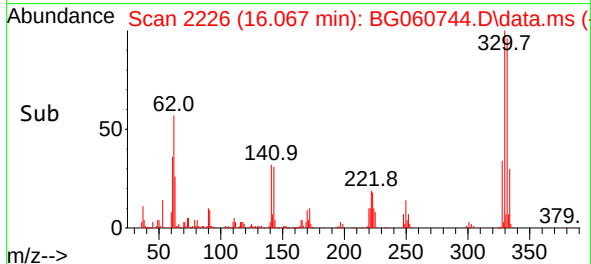
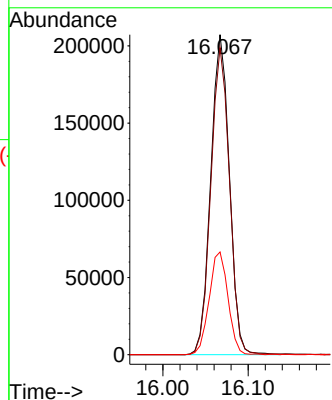
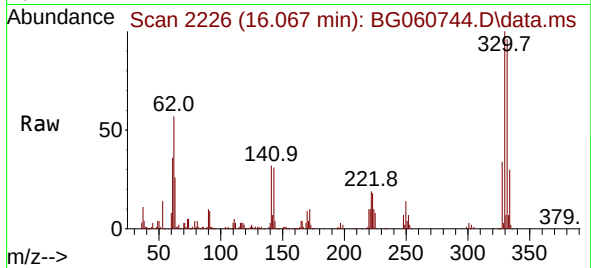




#42
2,4,6-Tribromophenol
Concen: 144.737 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG060744.D
Acq: 2 Apr 2024 19:24

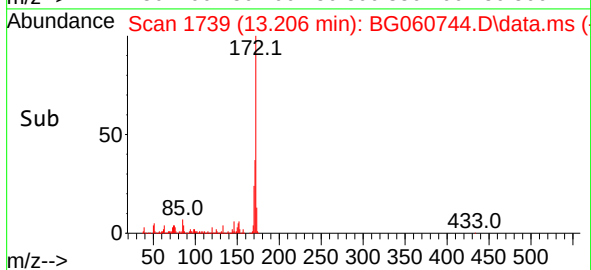
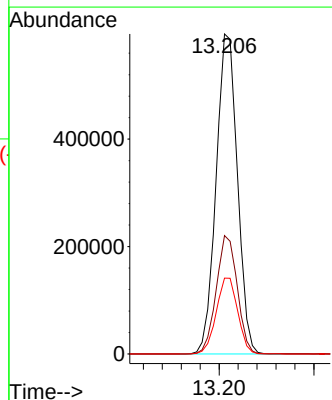
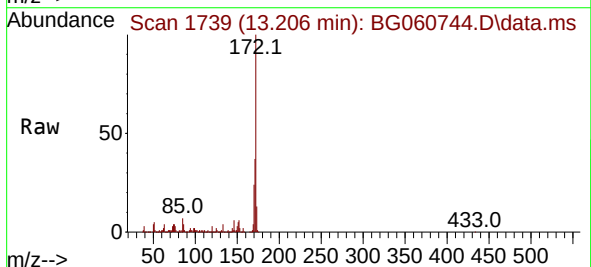
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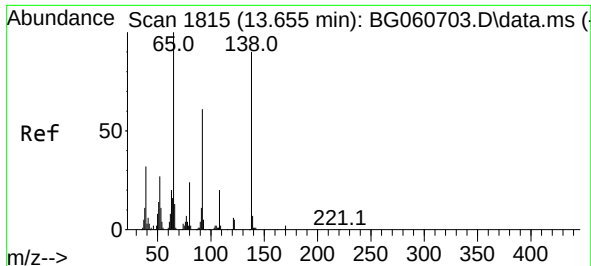
Tgt Ion:330 Resp: 314832
Ion Ratio Lower Upper
330 100
332 95.9 78.2 117.4
141 32.3 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 71.224 ng
RT: 13.206 min Scan# 1739
Delta R.T. -0.014 min
Lab File: BG060744.D
Acq: 2 Apr 2024 19:24

Tgt Ion:172 Resp: 929926
Ion Ratio Lower Upper
172 100
171 37.0 28.7 43.1
170 23.7 19.4 29.0

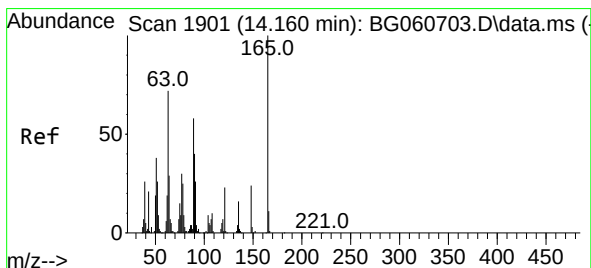
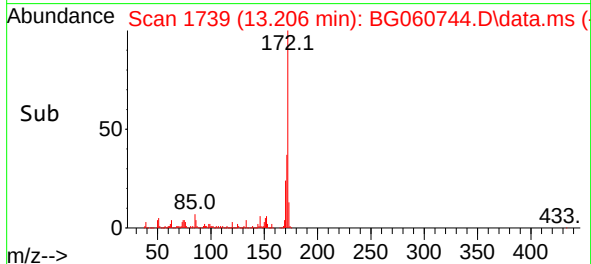
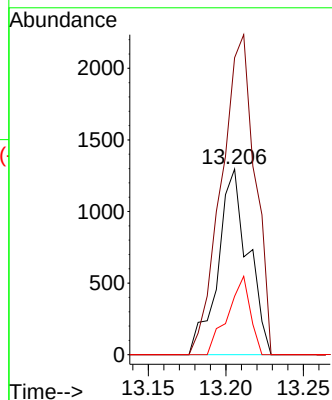
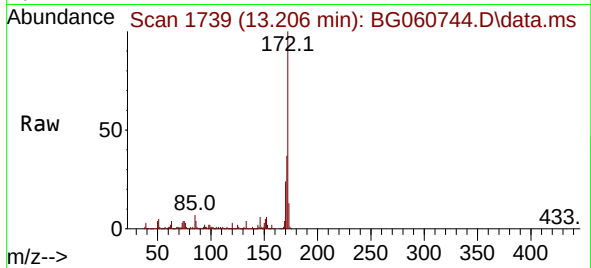




#48
2-Nitroaniline
Concen: 3.347 ng
RT: 13.206 min Scan# 1739
Delta R.T. -0.449 min
Lab File: BG060744.D
Acq: 2 Apr 2024 19:24

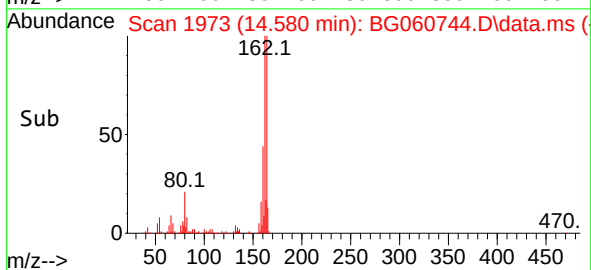
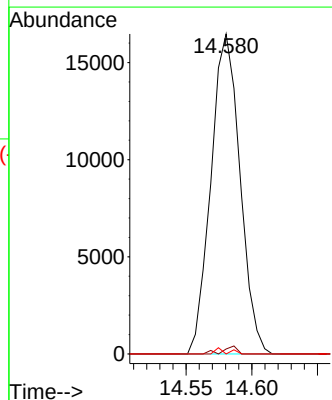
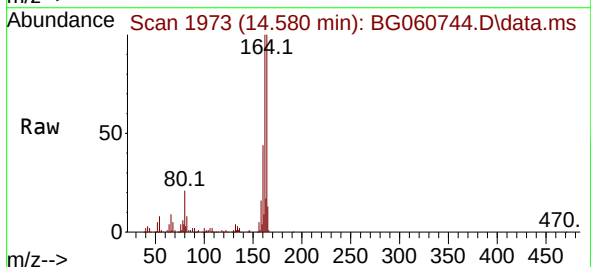
Instrument :
BNA_G
ClientSampleId :
EB-03252024

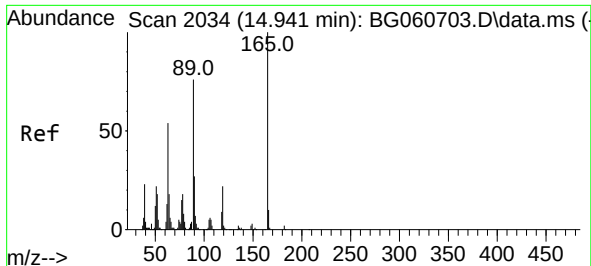
Tgt Ion: 65 Resp: 1756
Ion Ratio Lower Upper
65 100
92 160.0 48.6 72.8#
138 31.5 72.2 108.4#



#51
2,6-Dinitrotoluene
Concen: 12.168 ng
RT: 14.580 min Scan# 1973
Delta R.T. 0.420 min
Lab File: BG060744.D
Acq: 2 Apr 2024 19:24

Tgt Ion:165 Resp: 25369
Ion Ratio Lower Upper
165 100
63 1.5 58.2 87.4#
89 0.0 46.1 69.1#

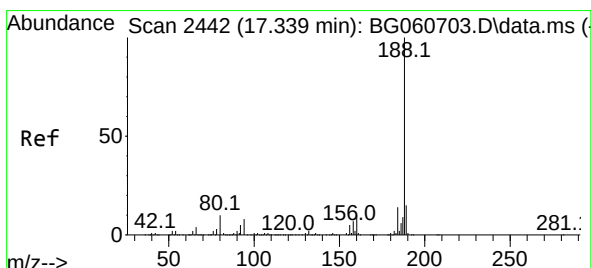
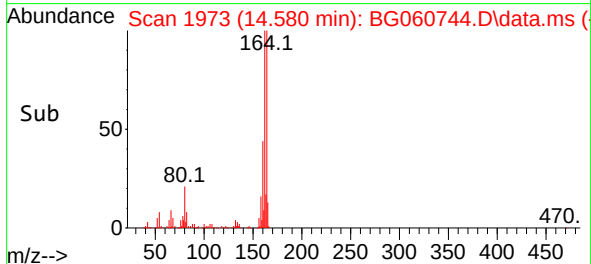
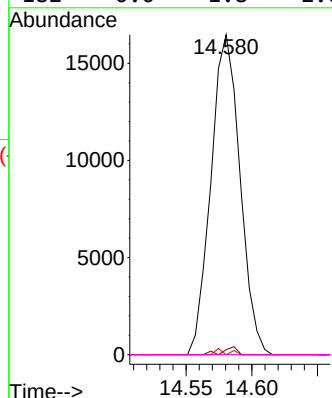
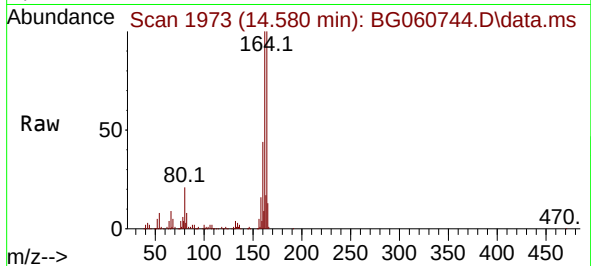




#57
2,4-Dinitrotoluene
Concen: 10.233 ng
RT: 14.580 min Scan# 19
Delta R.T. -0.361 min
Lab File: BG060744.D
Acq: 2 Apr 2024 19:24

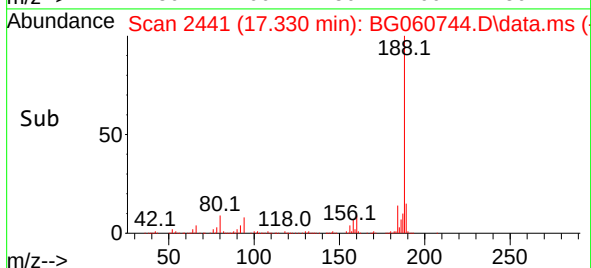
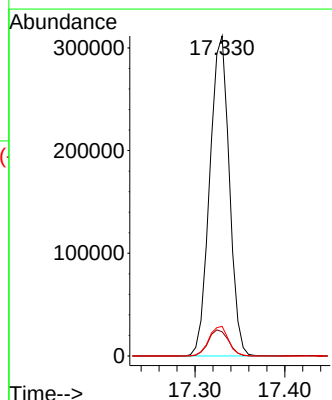
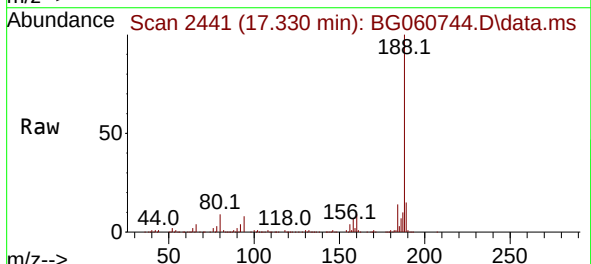
Instrument :
BNA_G
ClientSampleId :
EB-03252024

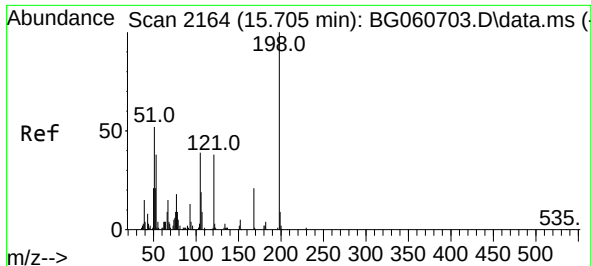
Tgt Ion:165 Resp: 25369
Ion Ratio Lower Upper
165 100
63 1.5 43.4 65.0#
89 0.0 61.0 91.6#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.330 min Scan# 2441
Delta R.T. -0.008 min
Lab File: BG060744.D
Acq: 2 Apr 2024 19:24

Tgt Ion:188 Resp: 470738
Ion Ratio Lower Upper
188 100
94 7.6 6.6 9.8
80 9.3 7.6 11.4

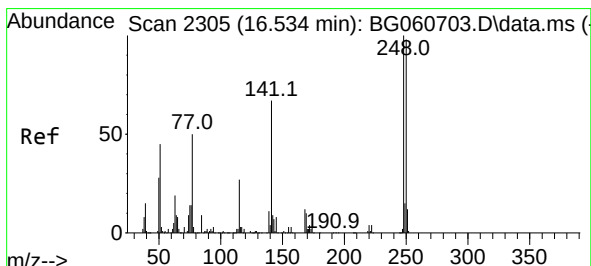
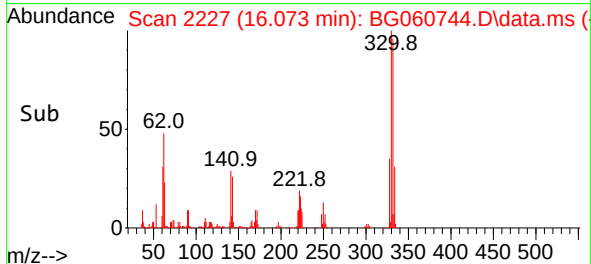
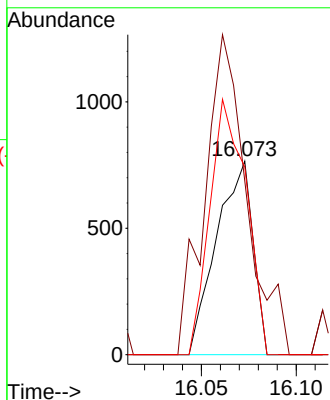
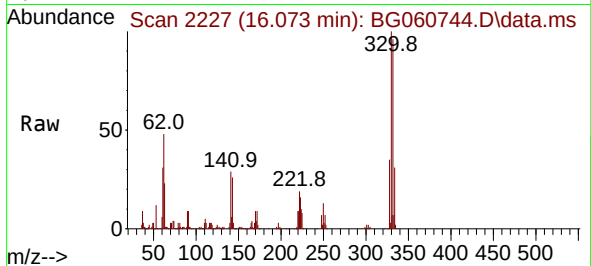




#65
4,6-Dinitro-2-methylphenol
Concen: 7.483 ng
RT: 16.073 min Scan# 2164
Delta R.T. 0.368 min
Lab File: BG060744.D
Acq: 2 Apr 2024 19:24

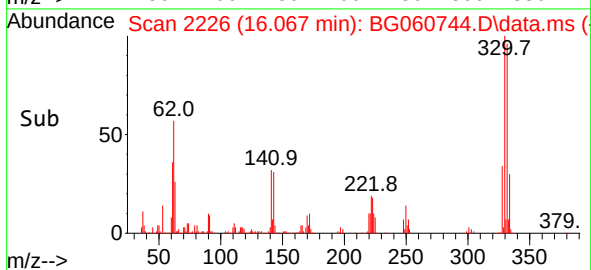
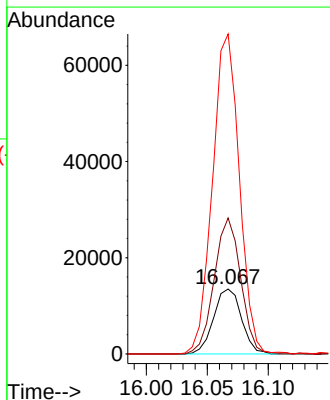
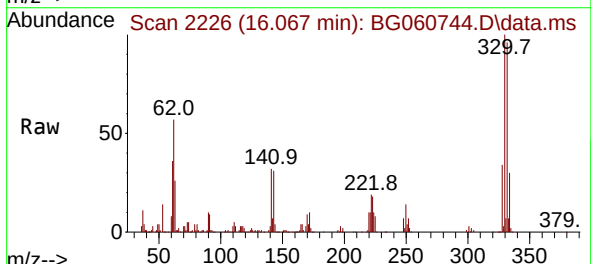
Instrument :
BNA_G
ClientSampleId :
EB-03252024

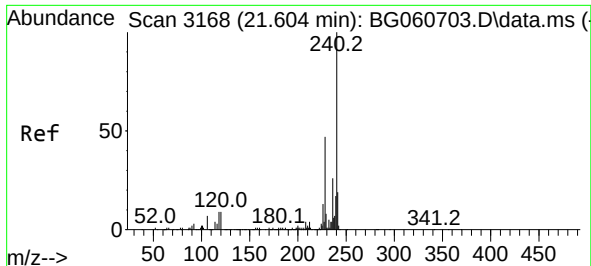
Tgt Ion:198 Resp: 1023
Ion Ratio Lower Upper
198 100
51 89.9 36.7 76.7#
105 97.1 19.1 59.1#



#67
4-Bromophenyl-phenylether
Concen: 4.487 ng
RT: 16.067 min Scan# 2226
Delta R.T. -0.467 min
Lab File: BG060744.D
Acq: 2 Apr 2024 19:24

Tgt Ion:248 Resp: 21437
Ion Ratio Lower Upper
248 100
250 209.3 78.3 117.5#
141 492.6 53.7 80.5#

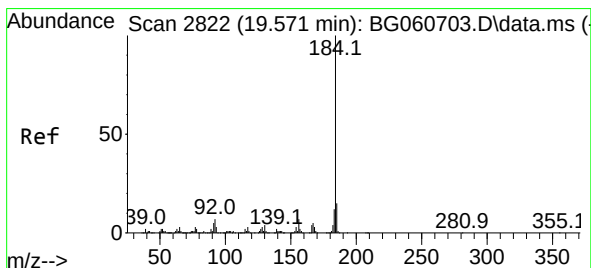
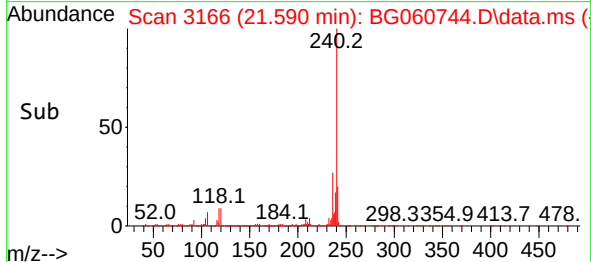
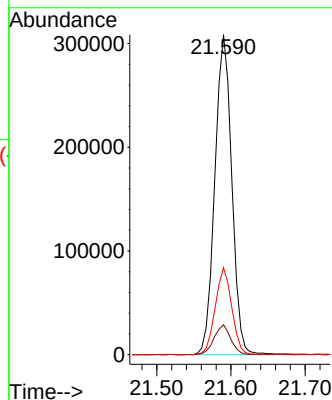
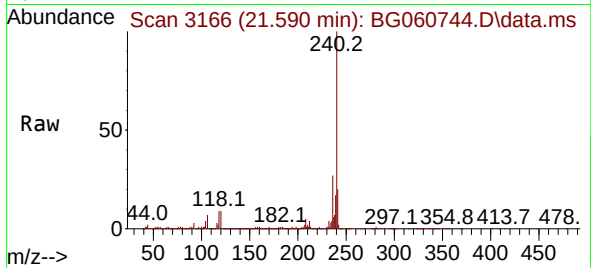




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.590 min Scan# 31
Delta R.T. -0.014 min
Lab File: BG060744.D
Acq: 2 Apr 2024 19:24

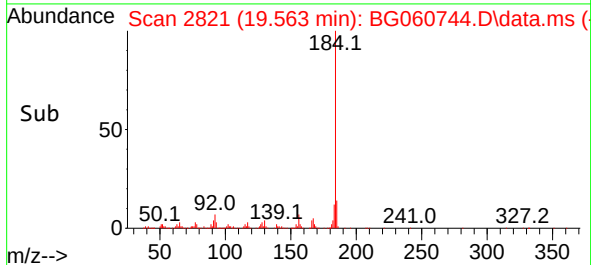
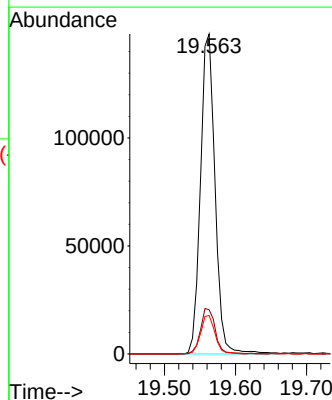
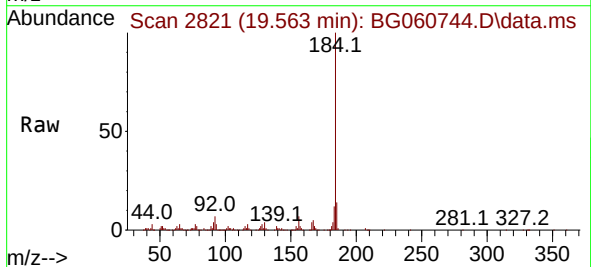
Instrument :
BNA_G
ClientSampleId :
EB-03252024

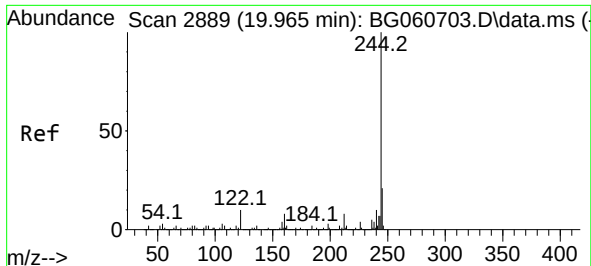
Tgt Ion:240 Resp: 488801
Ion Ratio Lower Upper
240 100
120 9.3 7.1 10.7
236 27.1 20.7 31.1



#77
Benzidine
Concen: 16.452 ng
RT: 19.563 min Scan# 2821
Delta R.T. -0.008 min
Lab File: BG060744.D
Acq: 2 Apr 2024 19:24

Tgt Ion:184 Resp: 211751
Ion Ratio Lower Upper
184 100
185 13.8 11.8 17.6
183 12.0 9.5 14.3

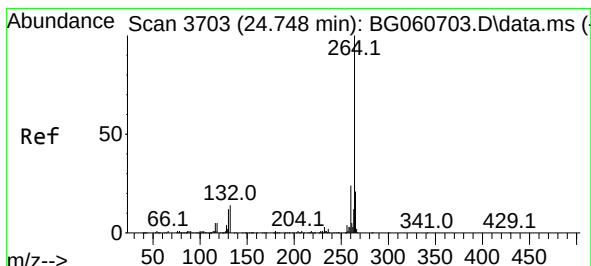
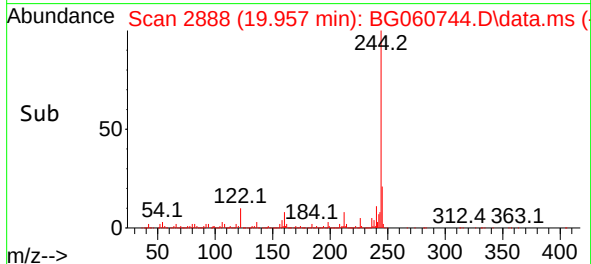
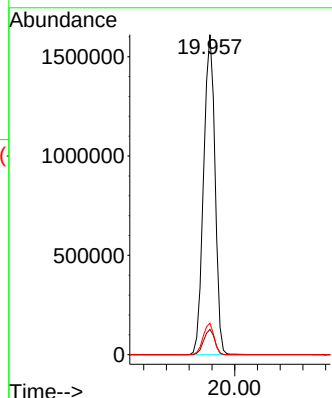
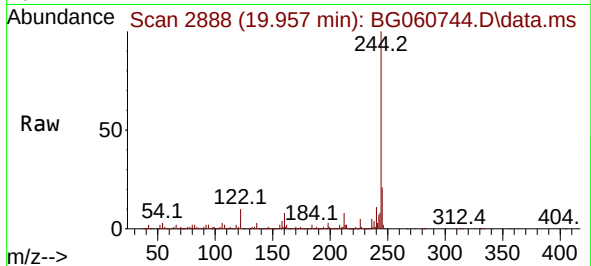




#79
 Terphenyl-d14
 Concen: 80.658 ng
 RT: 19.957 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG060744.D
 Acq: 2 Apr 2024 19:24

Instrument :
 BNA_G
 ClientSampleId :
 EB-03252024

Tgt Ion:244 Resp: 2239026
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 9.9 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.727 min Scan# 3700
 Delta R.T. -0.020 min
 Lab File: BG060744.D
 Acq: 2 Apr 2024 19:24

Tgt Ion:264 Resp: 573791
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 20.3 16.9 25.3

