

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040524\
 Data File : BG060789.D
 Acq On : 5 Apr 2024 10:12
 Operator : MA/JU
 Sample : PB159944TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB159944TB

Quant Time: Apr 05 10:53:02 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)

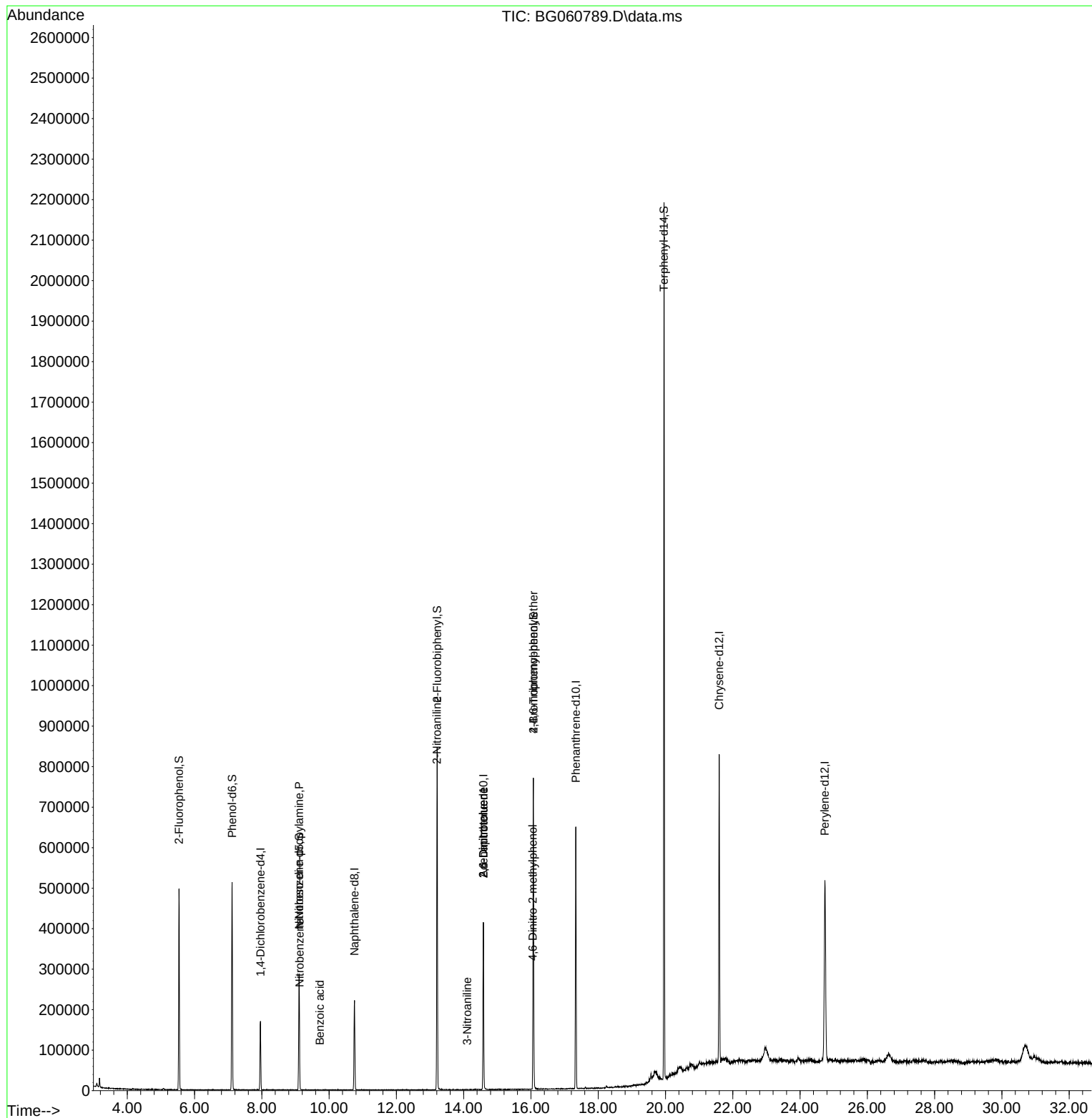
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	44279	20.000	ng	0.00
21) Naphthalene-d8	10.755	136	181071	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	149203	20.000	ng	0.00
64) Phenanthrene-d10	17.336	188	412267	20.000	ng	0.00
76) Chrysene-d12	21.596	240	442302	20.000	ng	0.00
86) Perylene-d12	24.739	264	501080	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	184885	69.558	ng	0.00
7) Phenol-d6	7.118	99	261223	66.209	ng	0.00
23) Nitrobenzene-d5	9.110	82	152940	48.197	ng	0.00
42) 2,4,6-Tribromophenol	16.073	330	153708	90.753	ng	0.00
45) 2-Fluorobiphenyl	13.211	172	430959	42.391	ng	0.00
79) Terphenyl-d14	19.956	244	1121128	44.633	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.110	70	20232	6.724	ng	# 79
24) Nitrobenzene	9.122	77	674	2.953	ng	# 42
32) Benzoic acid	9.727	122	54	6.860	ng	# 1
48) 2-Nitroaniline	13.205	65	750	3.096	ng	# 1
51) 2,6-Dinitrotoluene	14.586	165	18620	11.670	ng	# 18
53) 3-Nitroaniline	14.104	138	53	2.873	ng	# 1
57) 2,4-Dinitrotoluene	14.586	165	18620	9.835	ng	# 19
65) 4,6-Dinitro-2-methylph...	16.055	198	232	7.150	ng	# 28
67) 4-Bromophenyl-phenylether	16.073	248	10039	2.399	ng	# 1

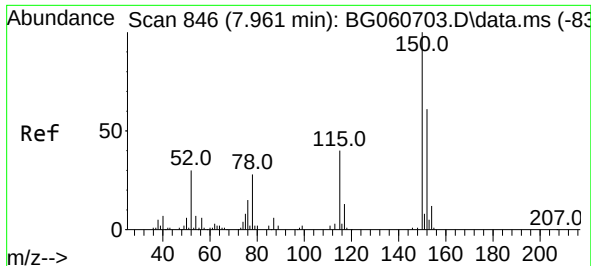
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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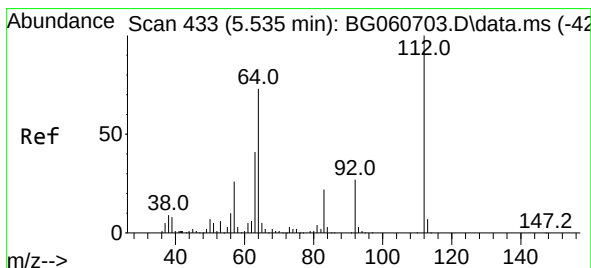
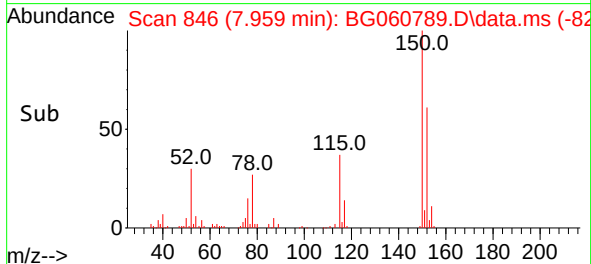
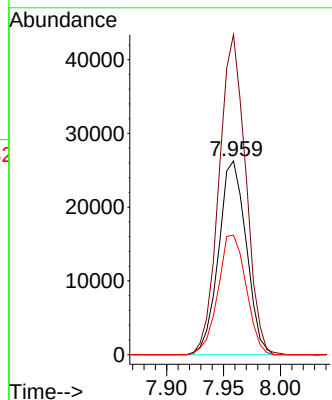
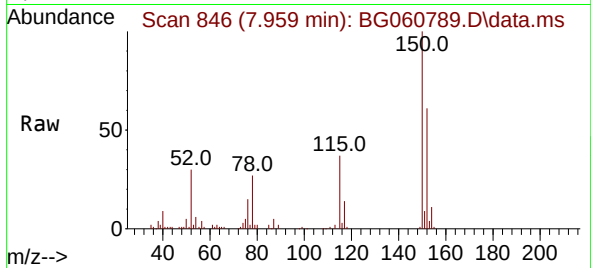




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.959 min Scan# 846
Delta R.T. -0.002 min
Lab File: BG060789.D
Acq: 5 Apr 2024 10:12

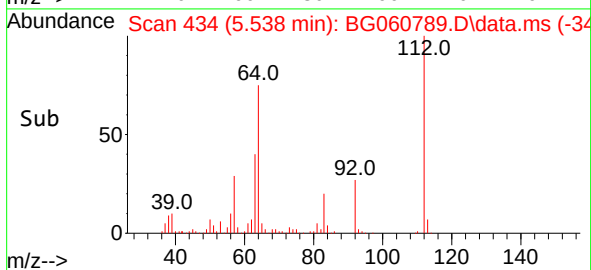
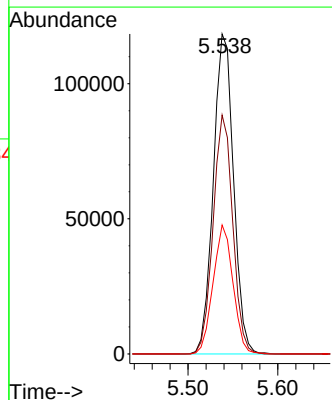
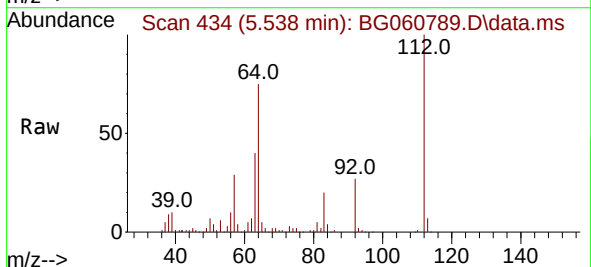
Instrument :
BNA_G
ClientSampleId :
PB159944TB

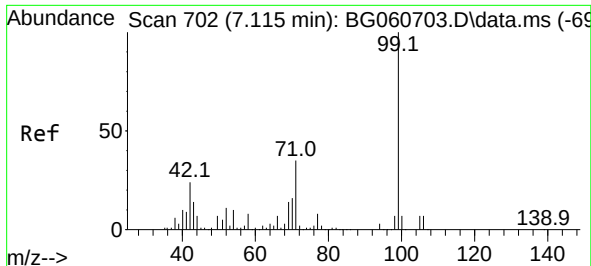
Tgt Ion:152 Resp: 44279
Ion Ratio Lower Upper
152 100
150 165.1 130.2 195.4
115 61.6 51.6 77.4



#5
2-Fluorophenol
Concen: 69.558 ng
RT: 5.538 min Scan# 434
Delta R.T. 0.003 min
Lab File: BG060789.D
Acq: 5 Apr 2024 10:12

Tgt Ion:112 Resp: 184885
Ion Ratio Lower Upper
112 100
64 74.6 58.4 87.6
63 40.3 32.7 49.1

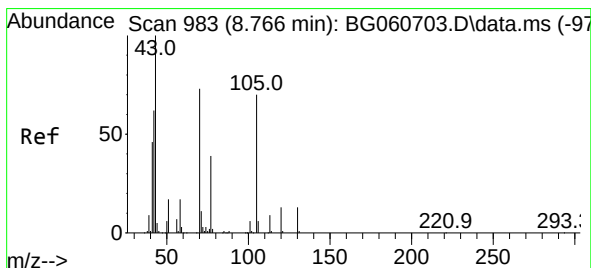
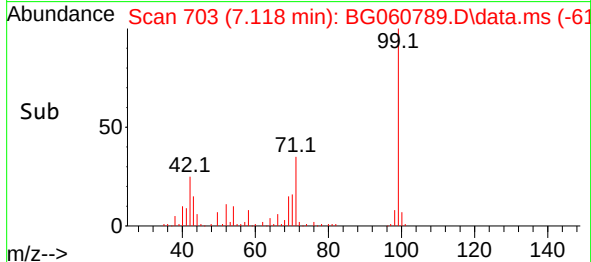
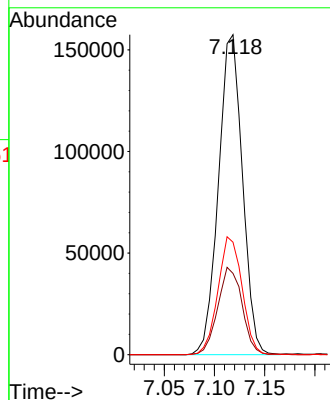
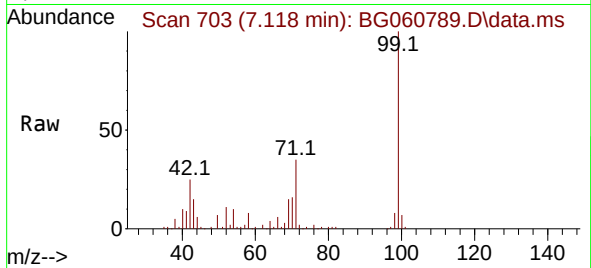




#7
Phenol-d6
Concen: 66.209 ng
RT: 7.118 min Scan# 70
Delta R.T. 0.003 min
Lab File: BG060789.D
Acq: 5 Apr 2024 10:12

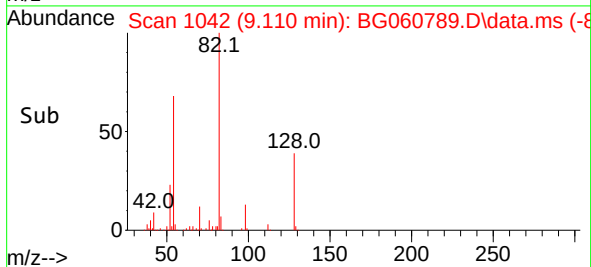
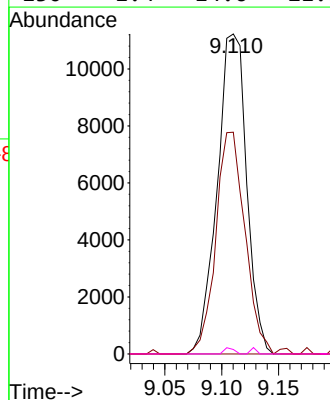
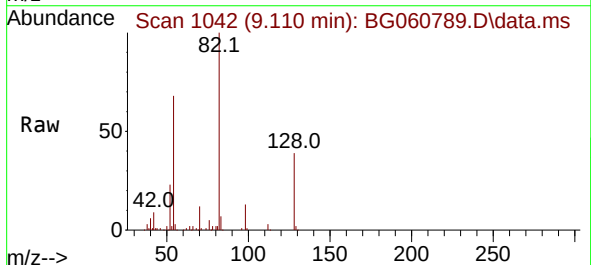
Instrument :
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ClientSampleId :
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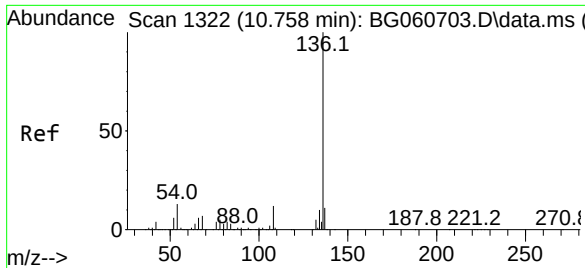
Tgt Ion: 99 Resp: 261223
Ion Ratio Lower Upper
99 100
42 25.4 19.4 29.2
71 35.2 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 6.724 ng
RT: 9.110 min Scan# 1042
Delta R.T. 0.344 min
Lab File: BG060789.D
Acq: 5 Apr 2024 10:12

Tgt Ion: 70 Resp: 20232
Ion Ratio Lower Upper
70 100
42 69.3 68.4 102.6
101 0.0 6.1 9.1#
130 1.4 14.6 21.8#

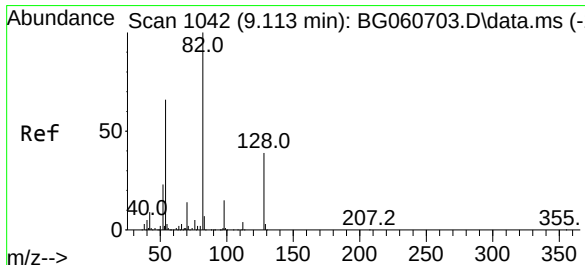
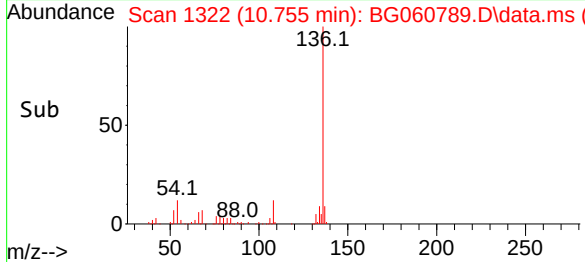
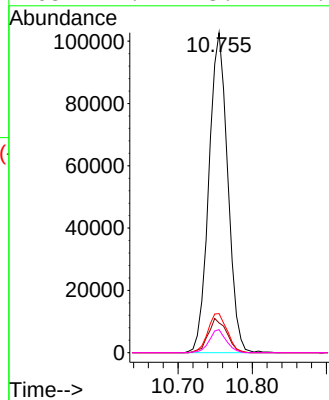
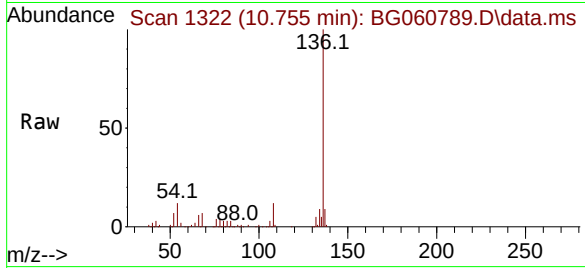




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.755 min Scan# 1322
Delta R.T. -0.003 min
Lab File: BG060789.D
Acq: 5 Apr 2024 10:12

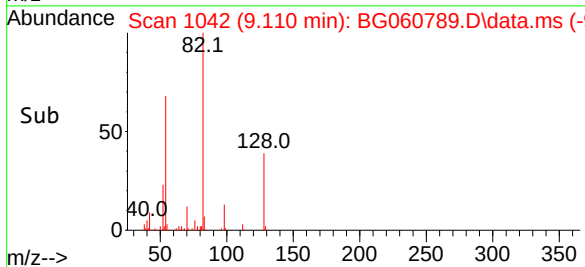
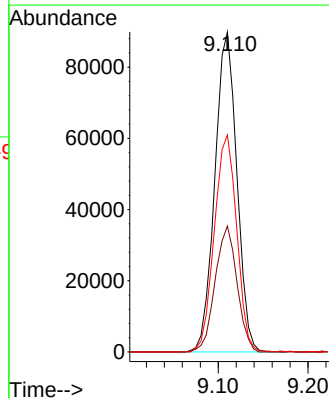
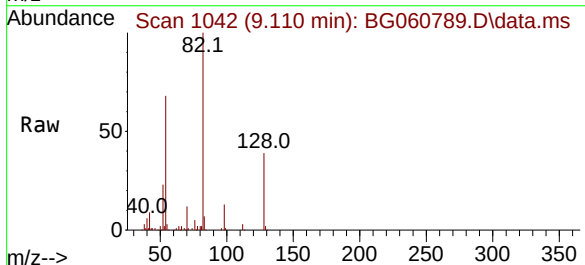
Instrument :
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ClientSampleId :
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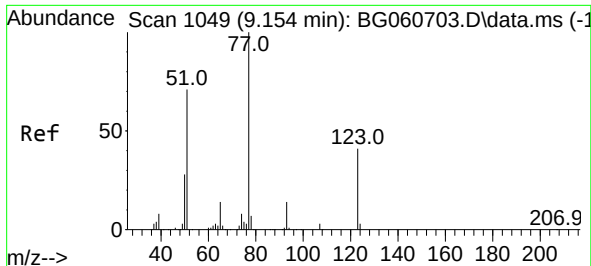
Tgt Ion:	136	Resp:	181071
Ion	Ratio	Lower	Upper
136	100		
137	9.3	8.8	13.2
54	12.2	10.2	15.2
68	7.2	5.2	7.8



#23
Nitrobenzene-d5
Concen: 48.197 ng
RT: 9.110 min Scan# 1042
Delta R.T. -0.003 min
Lab File: BG060789.D
Acq: 5 Apr 2024 10:12

Tgt Ion:	82	Resp:	152940
Ion	Ratio	Lower	Upper
82	100		
128	39.3	31.2	46.8
54	67.9	53.2	79.8

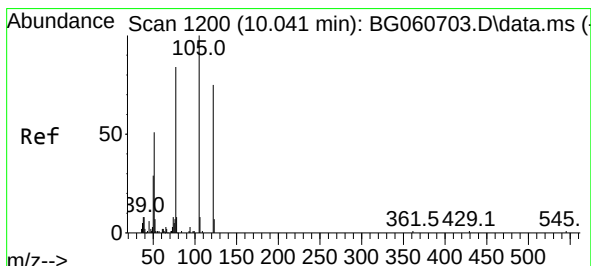
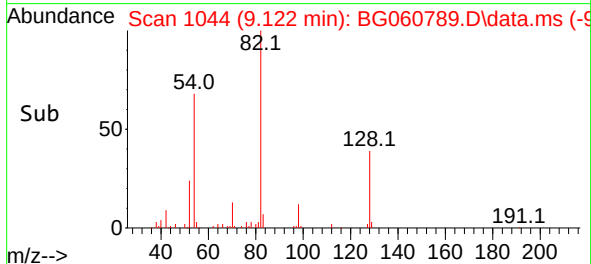
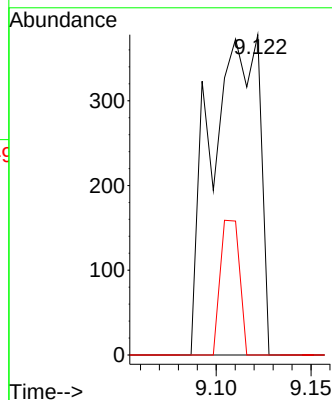
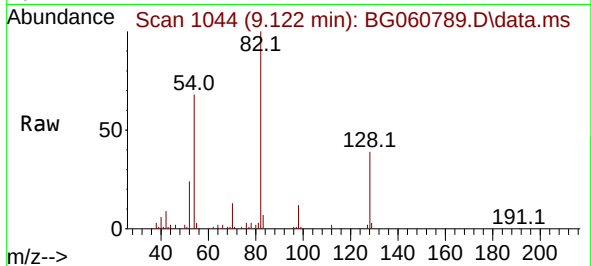




#24
Nitrobenzene
Concen: 2.953 ng
RT: 9.122 min Scan# 1147
Delta R.T. -0.032 min
Lab File: BG060789.D
Acq: 5 Apr 2024 10:12

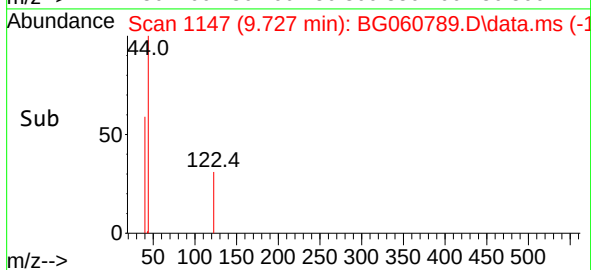
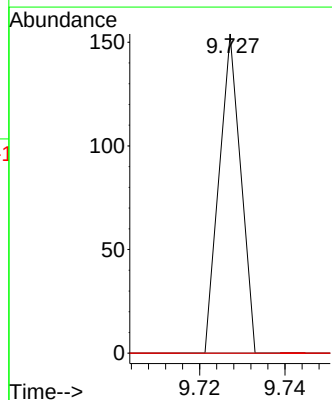
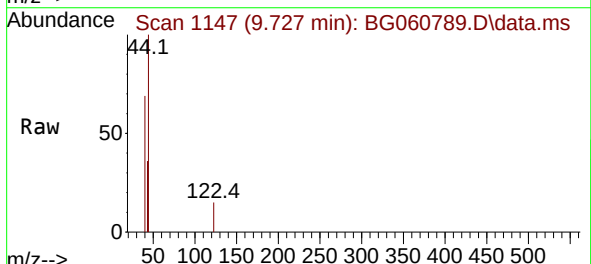
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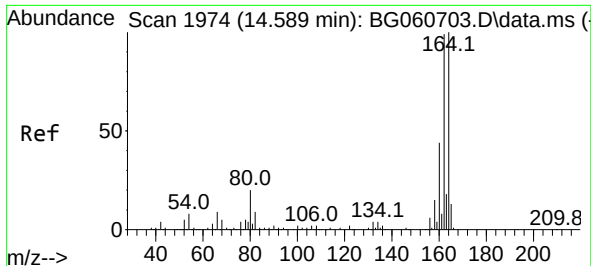
Tgt Ion: 77 Resp: 674
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 0.0 11.3 16.9#



#32
Benzoic acid
Concen: 6.860 ng
RT: 9.727 min Scan# 1147
Delta R.T. -0.314 min
Lab File: BG060789.D
Acq: 5 Apr 2024 10:12

Tgt Ion: 122 Resp: 54
Ion Ratio Lower Upper
122 100
105 0.0 104.5 144.5#
77 0.0 85.3 125.3#

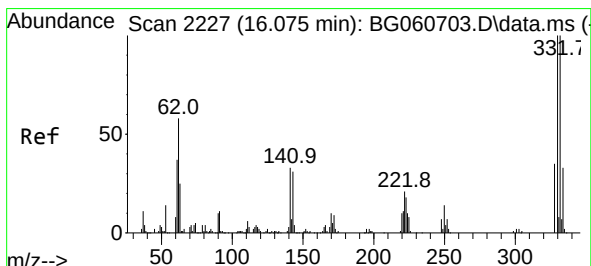
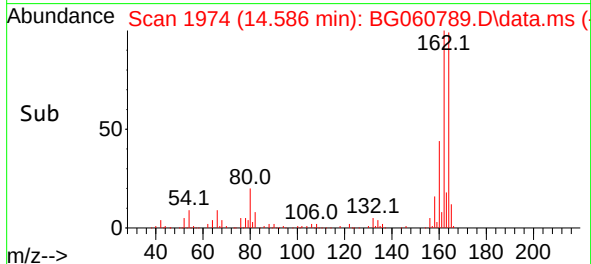
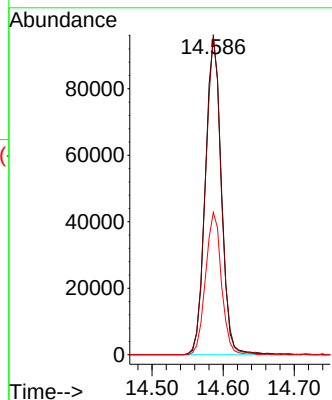
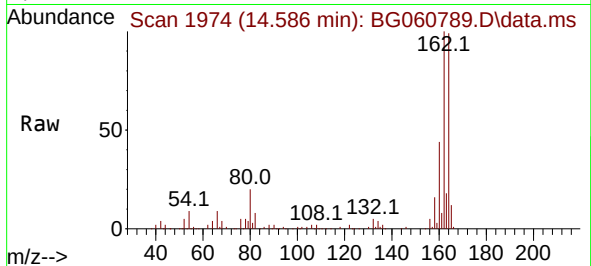




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.586 min Scan# 1974
Delta R.T. -0.003 min
Lab File: BG060789.D
Acq: 5 Apr 2024 10:12

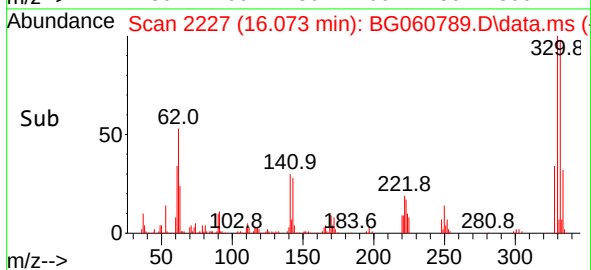
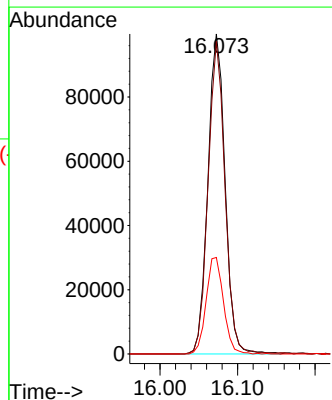
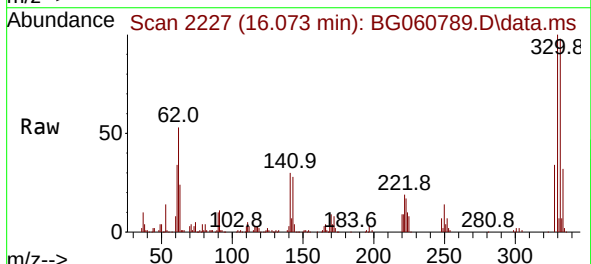
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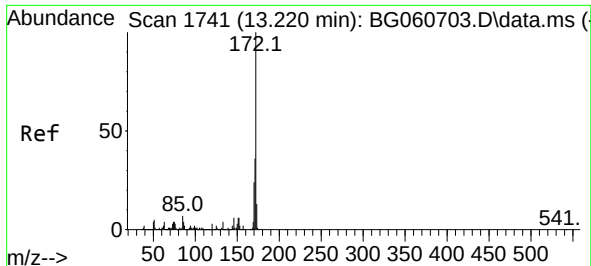
Tgt Ion:164 Resp: 149203
Ion Ratio Lower Upper
164 100
162 101.1 79.5 119.3
160 44.9 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 90.753 ng
RT: 16.073 min Scan# 2227
Delta R.T. -0.003 min
Lab File: BG060789.D
Acq: 5 Apr 2024 10:12

Tgt Ion:330 Resp: 153708
Ion Ratio Lower Upper
330 100
332 95.8 78.2 117.4
141 30.5 27.0 40.6

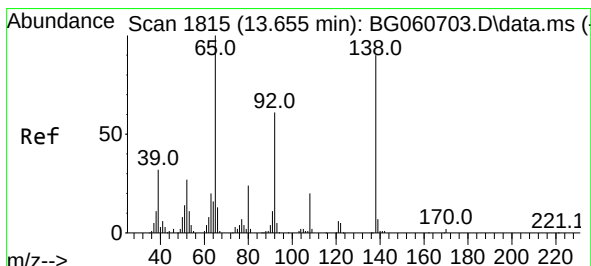
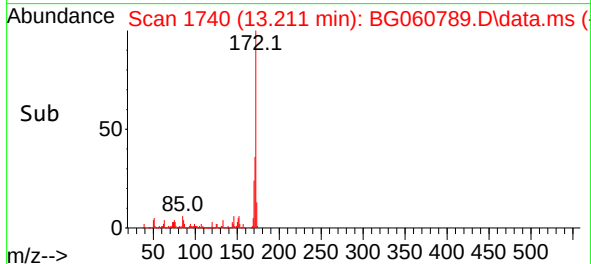
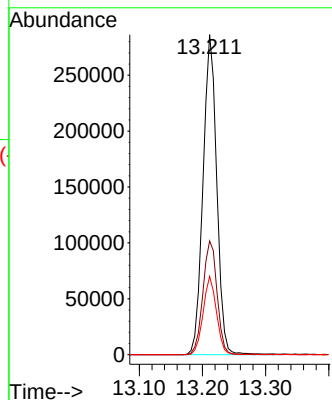
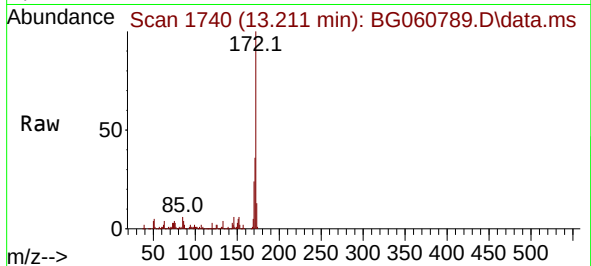




#45
2-Fluorobiphenyl
Concen: 42.391 ng
RT: 13.211 min Scan# 1739
Delta R.T. -0.009 min
Lab File: BG060789.D
Acq: 5 Apr 2024 10:12

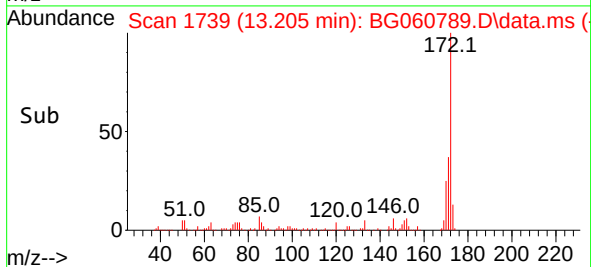
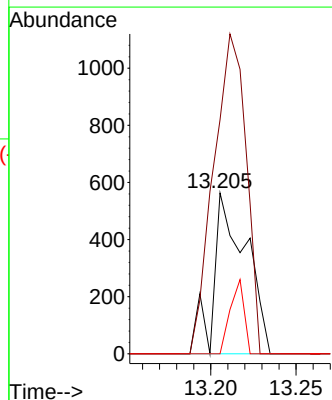
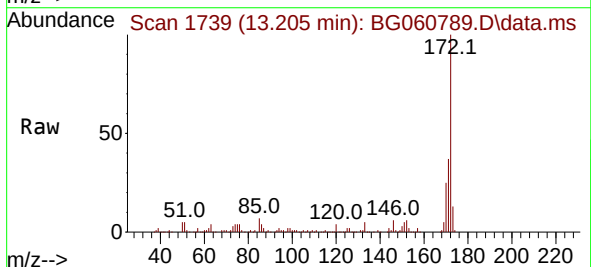
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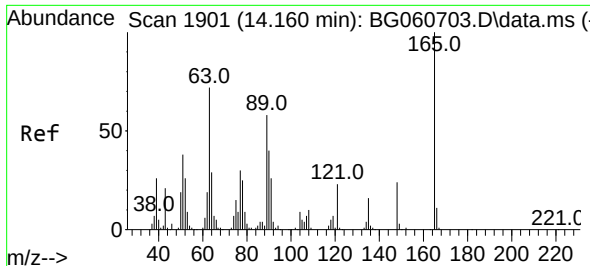
Tgt Ion:172 Resp: 430959
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 24.5 19.4 29.0



#48
2-Nitroaniline
Concen: 3.096 ng
RT: 13.205 min Scan# 1739
Delta R.T. -0.450 min
Lab File: BG060789.D
Acq: 5 Apr 2024 10:12

Tgt Ion: 65 Resp: 750
Ion Ratio Lower Upper
65 100
92 145.6 48.6 72.8#
138 0.0 72.2 108.4#

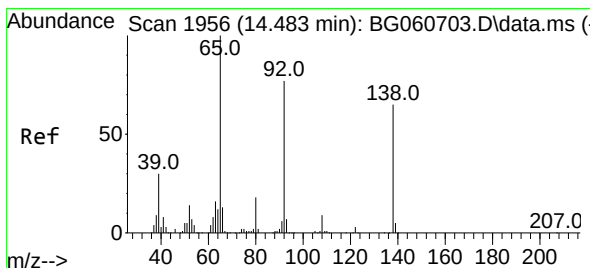
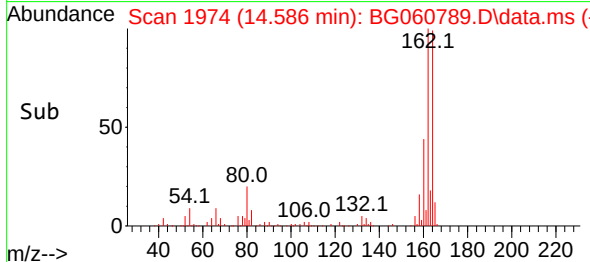
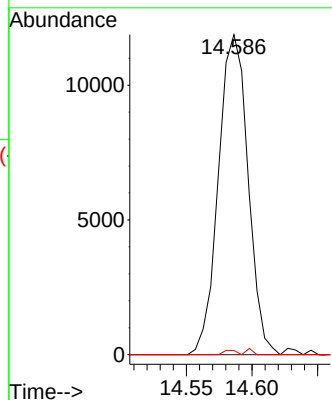
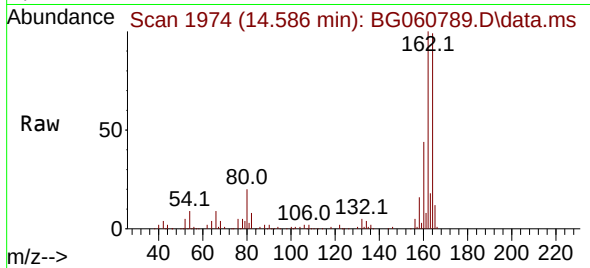




#51
2,6-Dinitrotoluene
Concen: 11.670 ng
RT: 14.586 min Scan# 1892
Delta R.T. 0.426 min
Lab File: BG060789.D
Acq: 5 Apr 2024 10:12

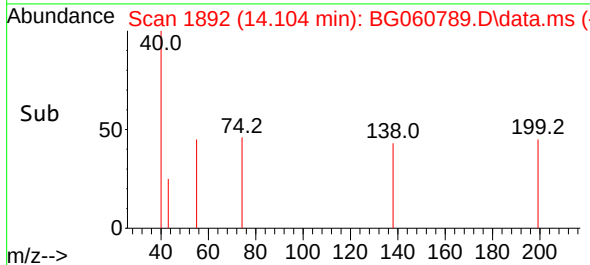
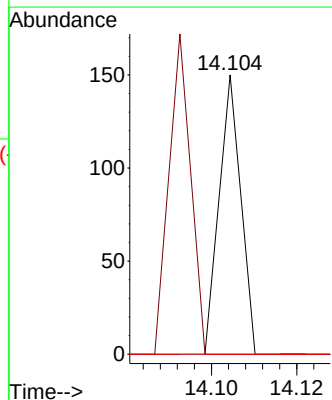
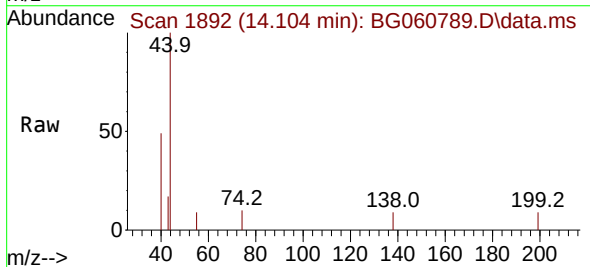
Instrument :
BNA_G
ClientSampleId :
PB159944TB

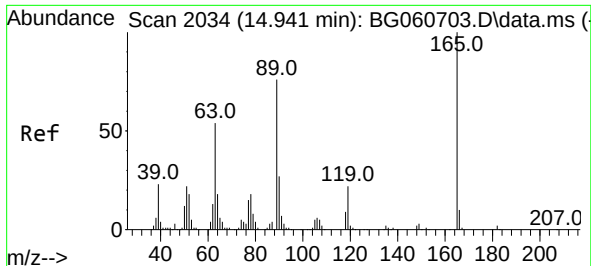
Tgt Ion:165 Resp: 18620
Ion Ratio Lower Upper
165 100
63 0.0 58.2 87.4#
89 1.3 46.1 69.1#



#53
3-Nitroaniline
Concen: 2.873 ng
RT: 14.104 min Scan# 1892
Delta R.T. -0.379 min
Lab File: BG060789.D
Acq: 5 Apr 2024 10:12

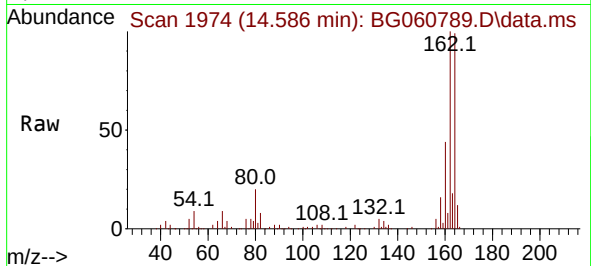
Tgt Ion:138 Resp: 53
Ion Ratio Lower Upper
138 100
108 0.0 11.3 16.9#
92 0.0 94.1 141.1#



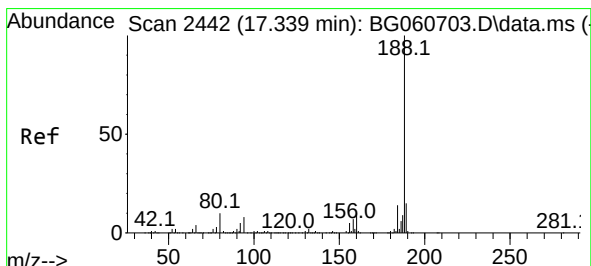
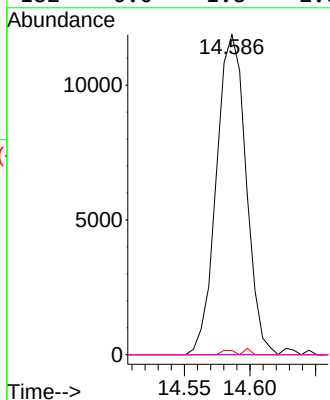
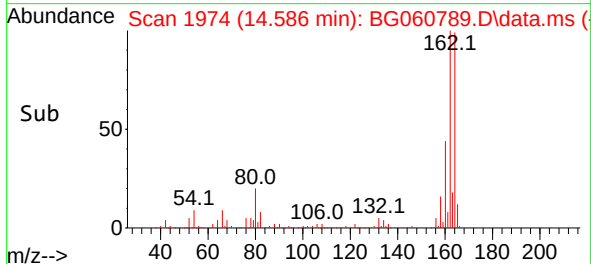


#57
2,4-Dinitrotoluene
Concen: 9.835 ng
RT: 14.586 min Scan# 14
Delta R.T. -0.355 min
Lab File: BG060789.D
Acq: 5 Apr 2024 10:12

Instrument :
BNA_G
ClientSampleId :
PB159944TB

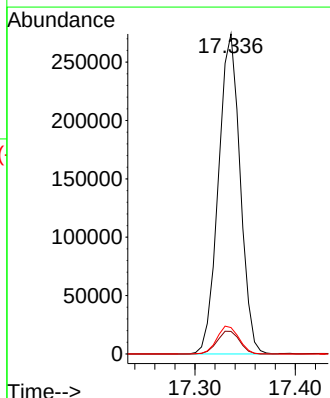
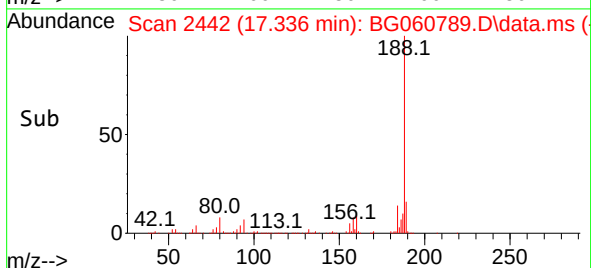
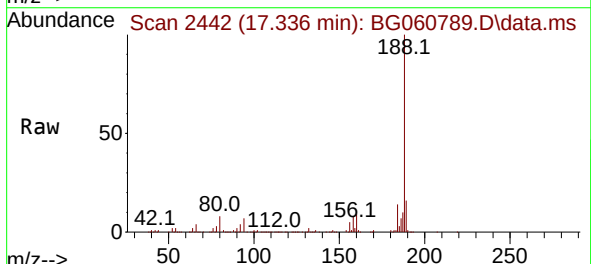


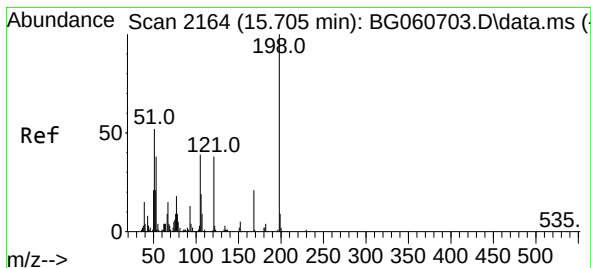
Tgt Ion:165 Resp: 18620
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.0#
89 1.3 61.0 91.6#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.336 min Scan# 2442
Delta R.T. -0.003 min
Lab File: BG060789.D
Acq: 5 Apr 2024 10:12

Tgt Ion:188 Resp: 412267
Ion Ratio Lower Upper
188 100
94 7.0 6.6 9.8
80 8.3 7.6 11.4

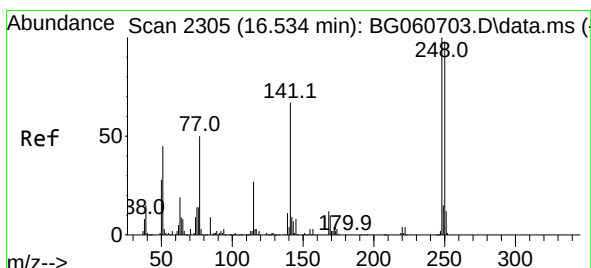
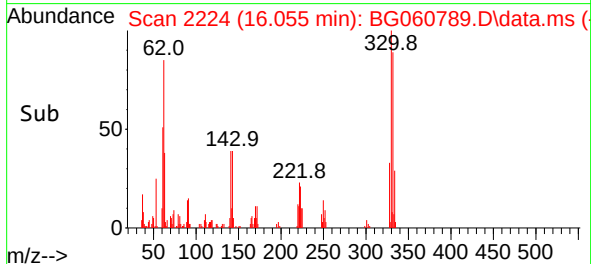
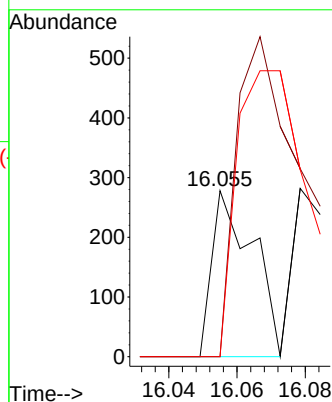
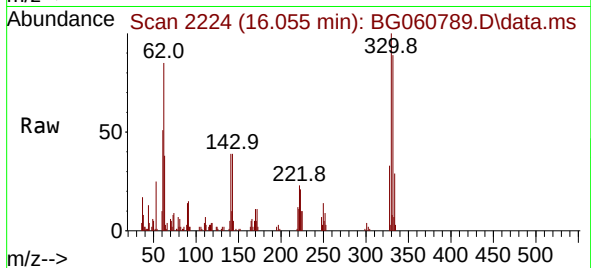




#65
4,6-Dinitro-2-methylphenol
Concen: 7.150 ng
RT: 16.055 min Scan# 2164
Delta R.T. 0.350 min
Lab File: BG060789.D
Acq: 5 Apr 2024 10:12

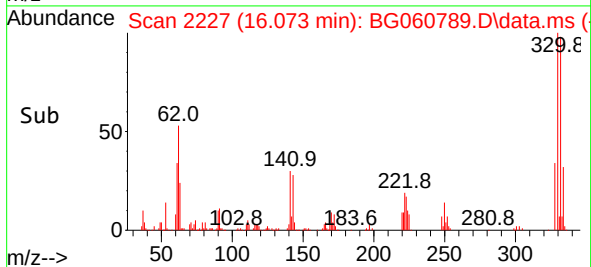
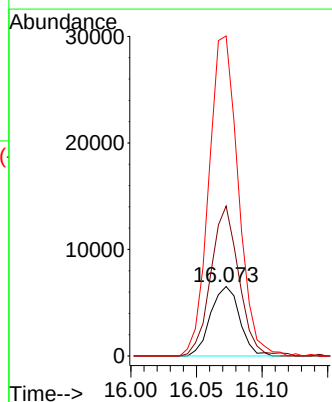
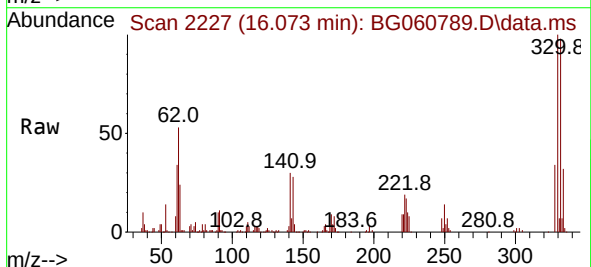
Instrument :
BNA_G
ClientSampleId :
PB159944TB

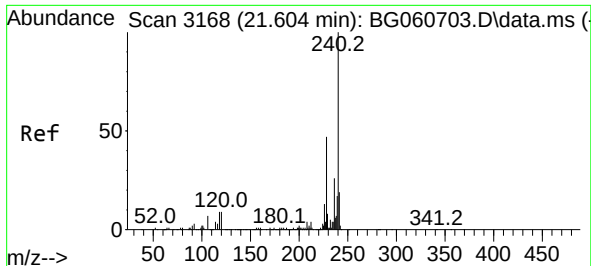
Tgt Ion:198 Resp: 232
Ion Ratio Lower Upper
198 100
51 0.0 36.7 76.7#
105 0.0 19.1 59.1#



#67
4-Bromophenyl-phenylether
Concen: 2.399 ng
RT: 16.073 min Scan# 2227
Delta R.T. -0.461 min
Lab File: BG060789.D
Acq: 5 Apr 2024 10:12

Tgt Ion:248 Resp: 10039
Ion Ratio Lower Upper
248 100
250 215.8 78.3 117.5#
141 460.7 53.7 80.5#

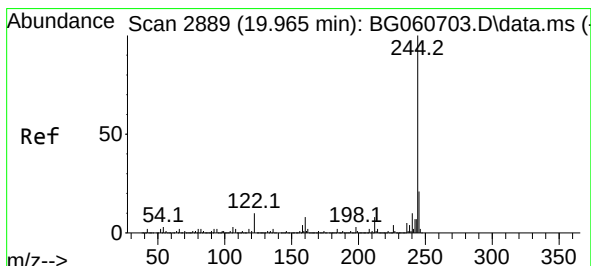
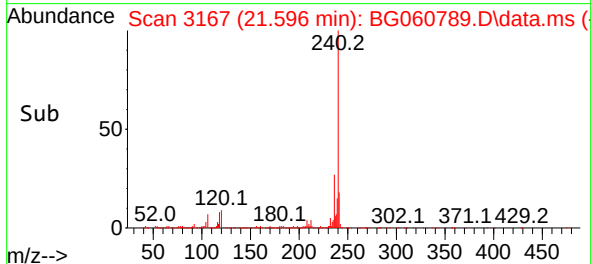
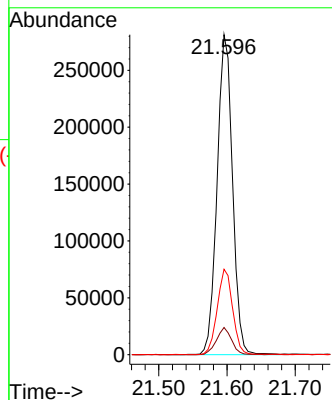
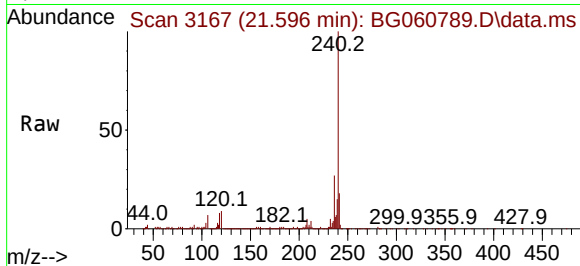




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.596 min Scan# 3167
Delta R.T. -0.009 min
Lab File: BG060789.D
Acq: 5 Apr 2024 10:12

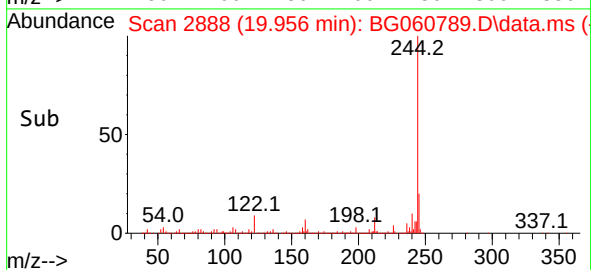
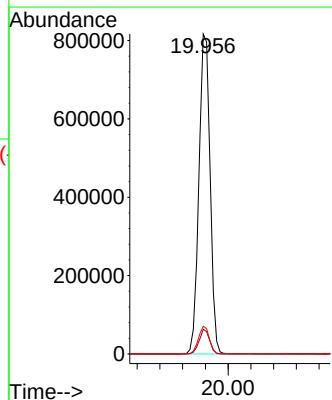
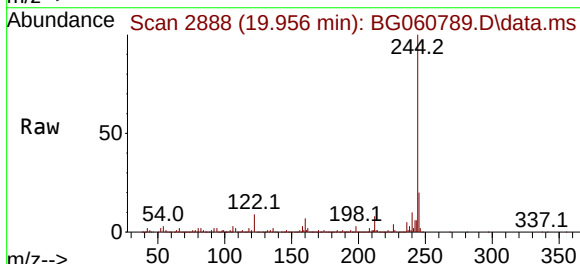
Instrument :
BNA_G
ClientSampleId :
PB159944TB

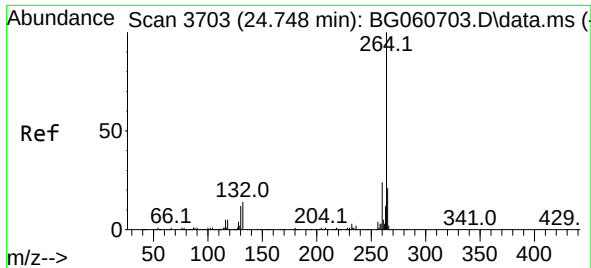
Tgt Ion:240 Resp: 442302
Ion Ratio Lower Upper
240 100
120 8.5 7.1 10.7
236 26.7 20.7 31.1



#79
Terphenyl-d14
Concen: 44.633 ng
RT: 19.956 min Scan# 2888
Delta R.T. -0.009 min
Lab File: BG060789.D
Acq: 5 Apr 2024 10:12

Tgt Ion:244 Resp: 1121128
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 8.6 7.8 11.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.739 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG060789.D
Acq: 5 Apr 2024 10:12

Instrument :
BNA_G
ClientSampleId :
PB159944TB

Tgt Ion:264 Resp: 501080

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	22.2	16.9	25.3

