

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041324\
 Data File : BG060895.D
 Acq On : 13 Apr 2024 15:53
 Operator : MA/JU
 Sample : P2070-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Apr 15 01:18:57 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)

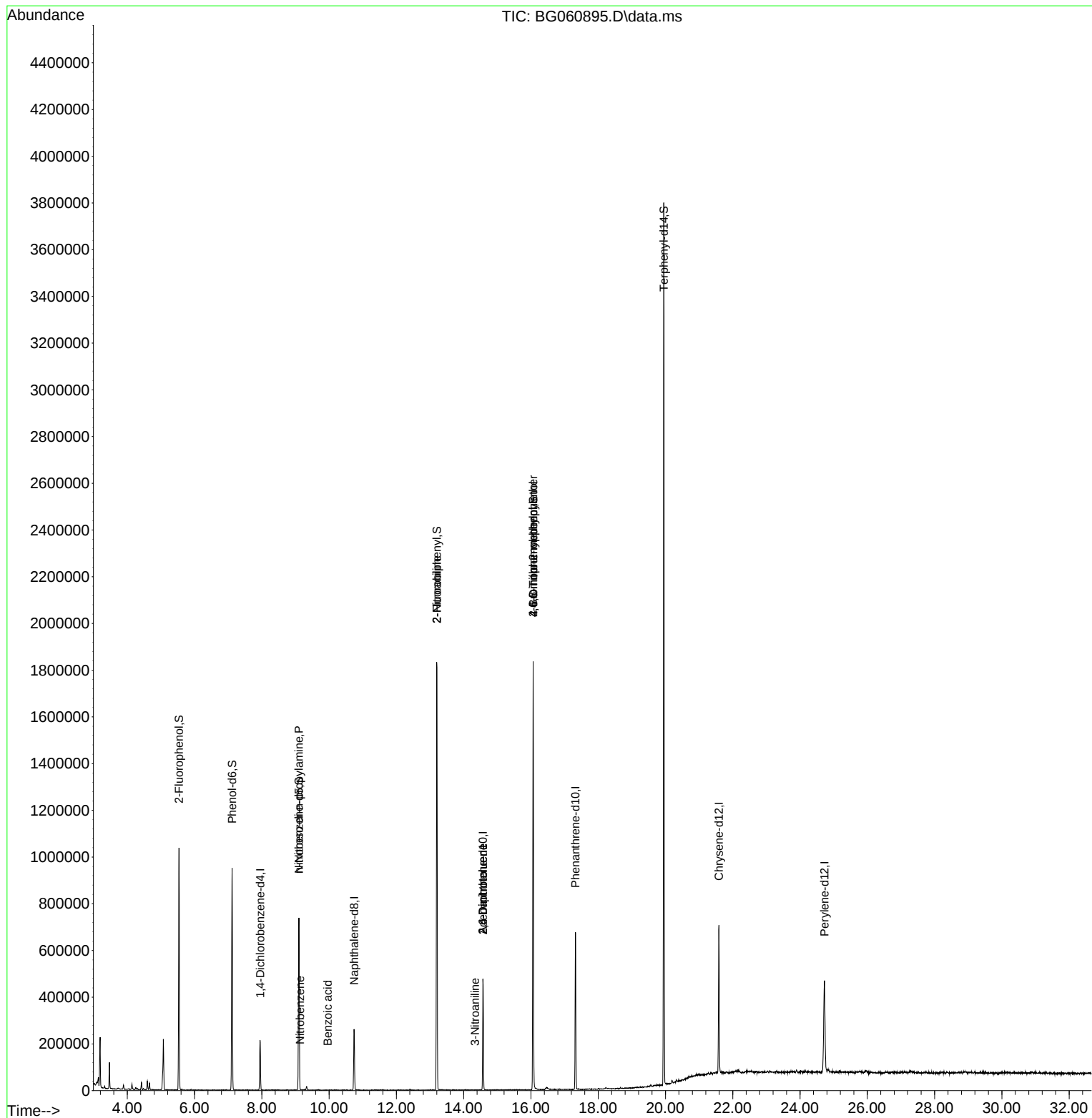
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	56609	20.000	ng	0.00
21) Naphthalene-d8	10.744	136	211473	20.000	ng	-0.01
39) Acenaphthene-d10	14.575	164	171841	20.000	ng	-0.01
64) Phenanthrene-d10	17.324	188	422995	20.000	ng	-0.01
76) Chrysene-d12	21.590	240	383447	20.000	ng	#-0.01
86) Perylene-d12	24.727	264	442973	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	385345	113.399	ng	0.00
7) Phenol-d6	7.119	99	480187	95.197	ng	0.00
23) Nitrobenzene-d5	9.105	82	401862	108.434	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	369354	189.347	ng	0.00
45) 2-Fluorobiphenyl	13.206	172	991665	84.694	ng	-0.01
79) Terphenyl-d14	19.951	244	1985145	91.160	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.105	70	55292	14.374	ng	# 77
24) Nitrobenzene	9.140	77	60	2.786	ng	# 42
32) Benzoic acid	9.962	122	142	6.889	ng	88
48) 2-Nitroaniline	13.206	65	1942	3.476	ng	# 12
51) 2,6-Dinitrotoluene	14.575	165	22082	11.913	ng	# 19
53) 3-Nitroaniline	14.340	138	56	2.871	ng	# 1
57) 2,4-Dinitrotoluene	14.575	165	22082	10.029	ng	# 20
65) 4,6-Dinitro-2-methylph...	16.067	198	918	7.483	ng	# 1
67) 4-Bromophenyl-phenylether	16.067	248	25547	5.951	ng	# 1

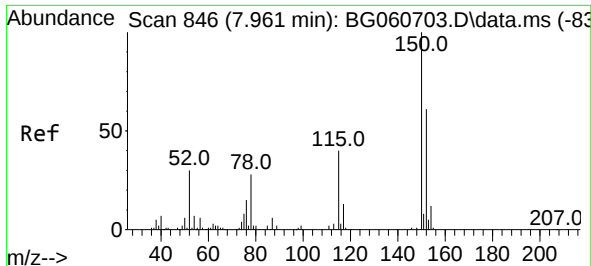
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041324\
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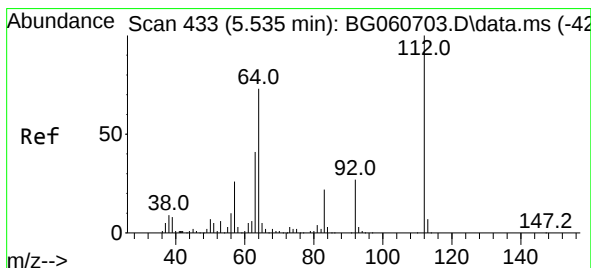
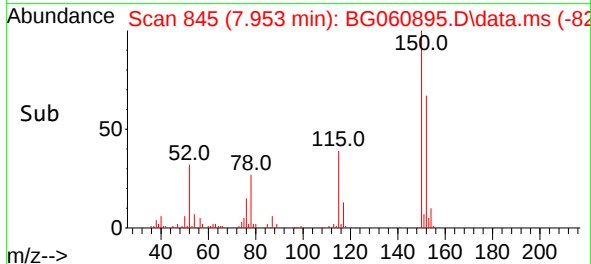
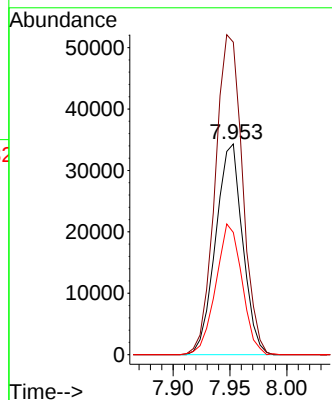
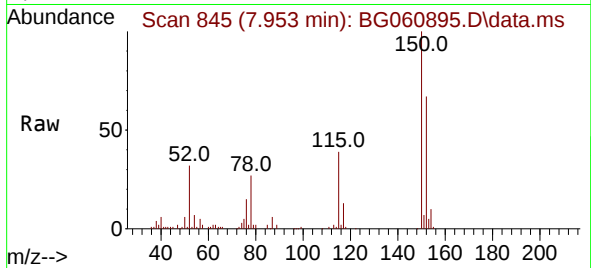




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.953 min Scan# 846
 Delta R.T. -0.008 min
 Lab File: BG060895.D
 Acq: 13 Apr 2024 15:53

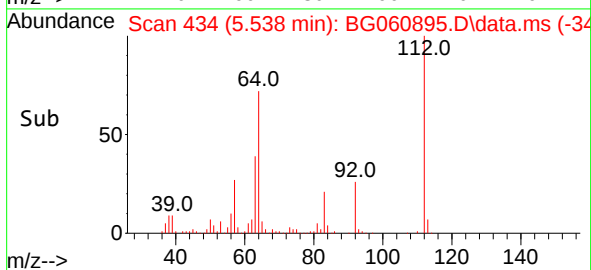
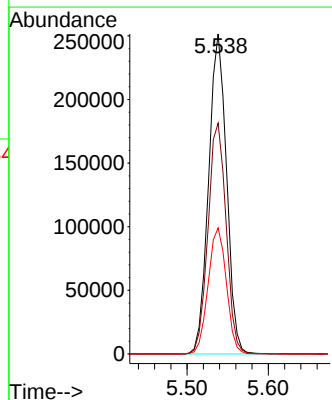
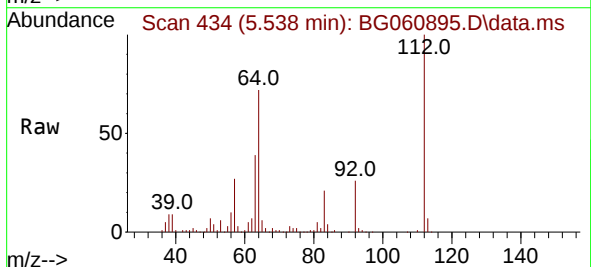
Instrument :
 BNA_G
 ClientSampleId :
 TP-1

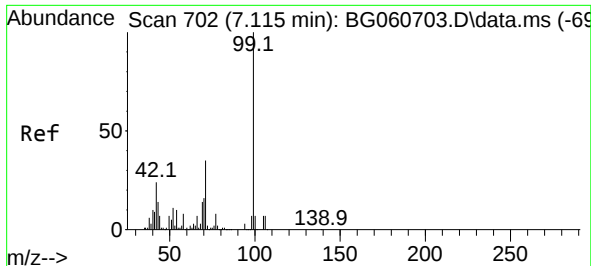
Tgt Ion:152 Resp: 56609
 Ion Ratio Lower Upper
 152 100
 150 148.3 130.2 195.4
 115 58.0 51.6 77.4



#5
 2-Fluorophenol
 Concen: 113.399 ng
 RT: 5.538 min Scan# 434
 Delta R.T. 0.003 min
 Lab File: BG060895.D
 Acq: 13 Apr 2024 15:53

Tgt Ion:112 Resp: 385345
 Ion Ratio Lower Upper
 112 100
 64 72.2 58.4 87.6
 63 39.4 32.7 49.1

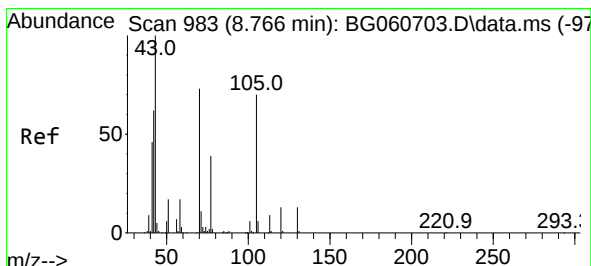
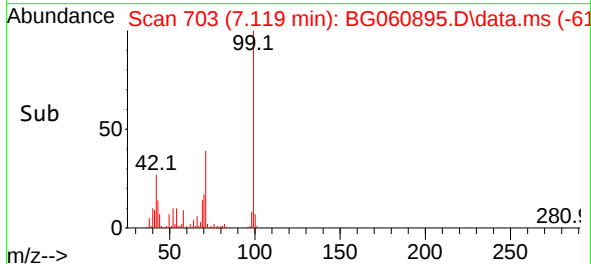
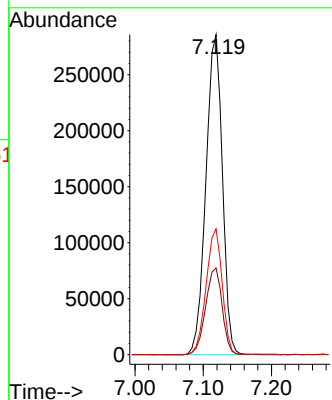
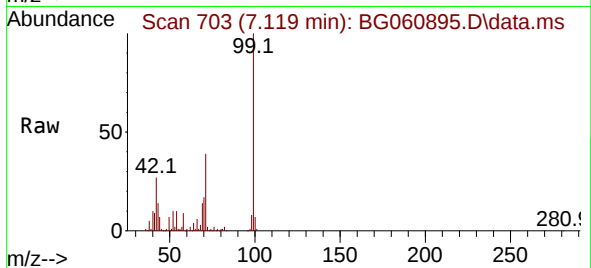




#7
Phenol-d6
Concen: 95.197 ng
RT: 7.119 min Scan# 702
Delta R.T. 0.003 min
Lab File: BG060895.D
Acq: 13 Apr 2024 15:53

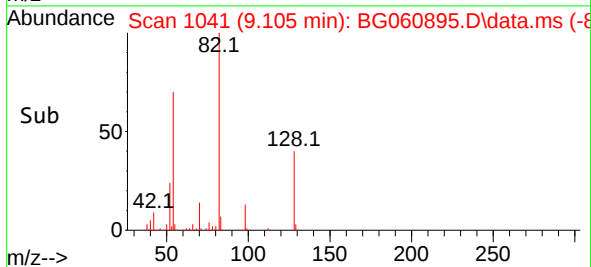
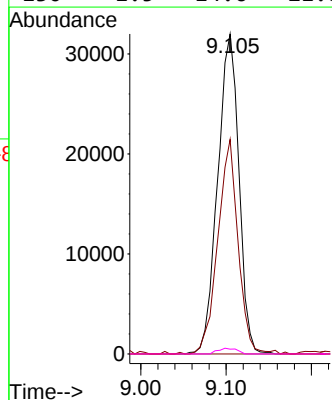
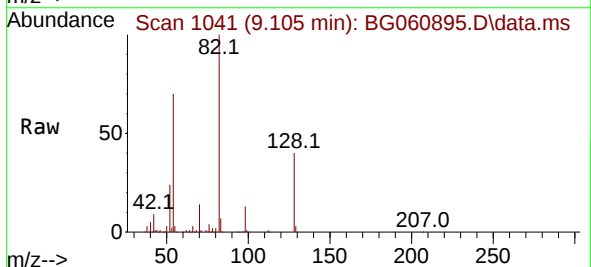
Instrument :
BNA_G
ClientSampleId :
TP-1

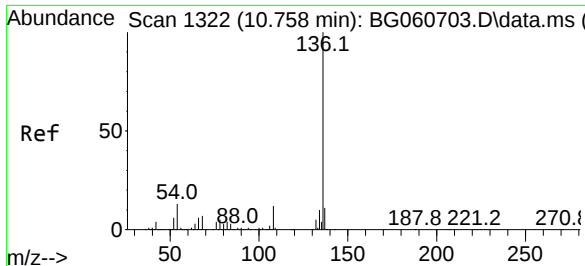
Tgt Ion: 99 Resp: 480187
Ion Ratio Lower Upper
99 100
42 27.1 19.4 29.2
71 39.4 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 14.374 ng
RT: 9.105 min Scan# 1041
Delta R.T. 0.339 min
Lab File: BG060895.D
Acq: 13 Apr 2024 15:53

Tgt Ion: 70 Resp: 55292
Ion Ratio Lower Upper
70 100
42 67.0 68.4 102.6#
101 0.0 6.1 9.1#
130 1.5 14.6 21.8#

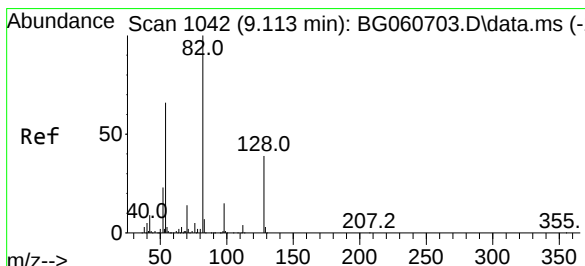
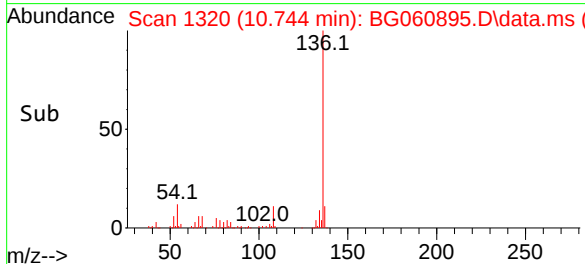
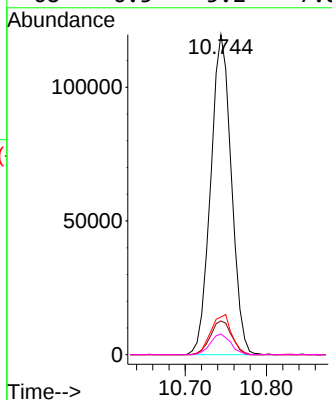
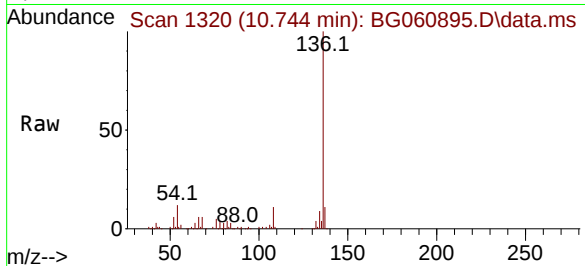




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 11
Delta R.T. -0.014 min
Lab File: BG060895.D
Acq: 13 Apr 2024 15:53

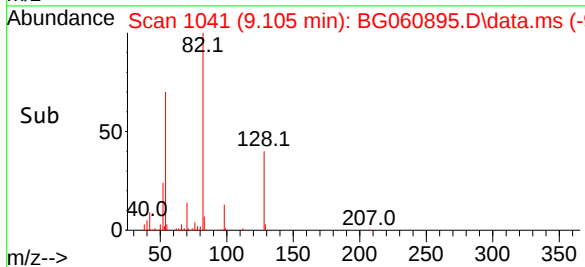
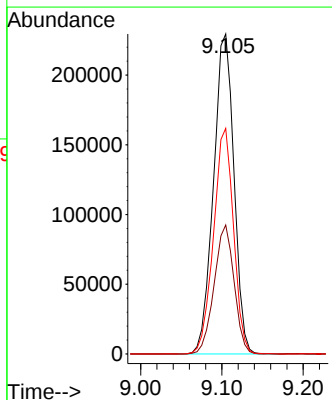
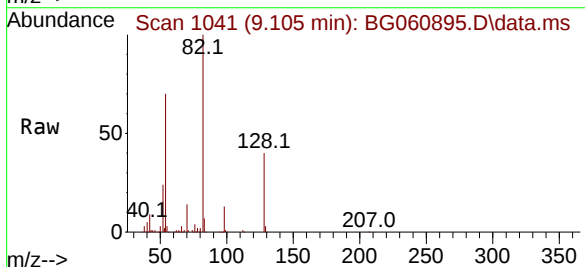
Instrument :
BNA_G
ClientSampleId :
TP-1

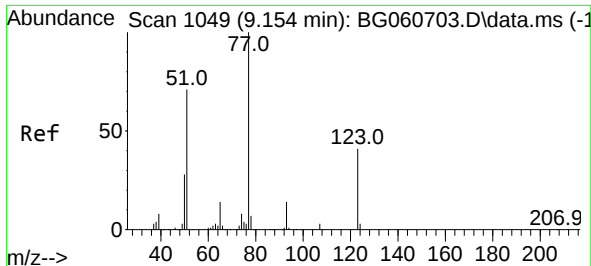
Tgt Ion:	136	Resp:	211473
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	11.8	10.2	15.2
68	6.5	5.2	7.8



#23
Nitrobenzene-d5
Concen: 108.434 ng
RT: 9.105 min Scan# 1041
Delta R.T. -0.008 min
Lab File: BG060895.D
Acq: 13 Apr 2024 15:53

Tgt Ion:	82	Resp:	401862
Ion	Ratio	Lower	Upper
82	100		
128	40.3	31.2	46.8
54	70.5	53.2	79.8

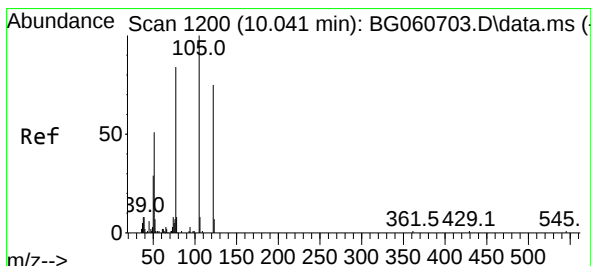
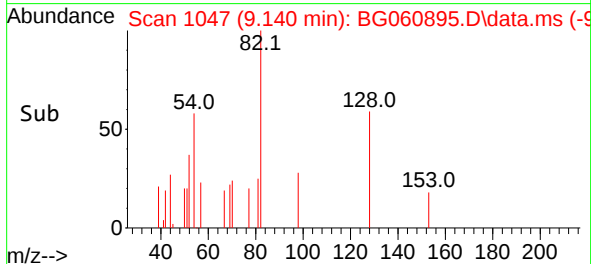
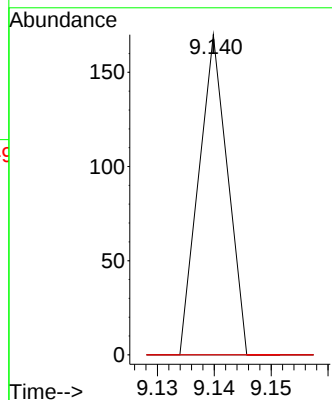
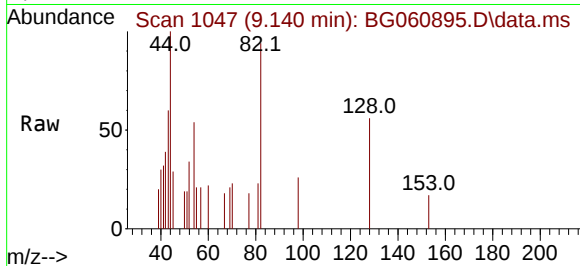




#24
Nitrobenzene
Concen: 2.786 ng
RT: 9.140 min Scan# 1187
Delta R.T. -0.014 min
Lab File: BG060895.D
Acq: 13 Apr 2024 15:53

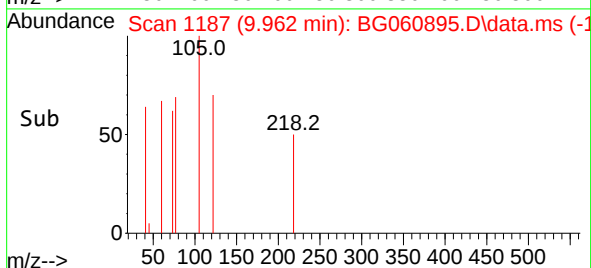
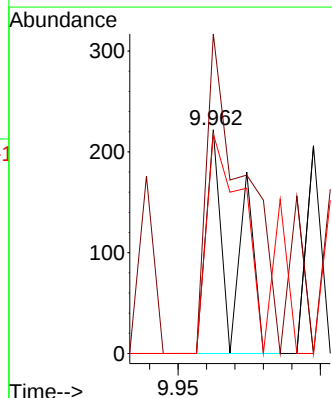
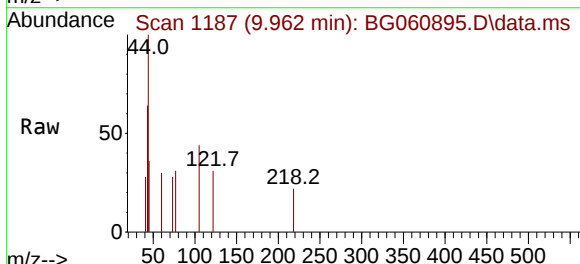
Instrument :
BNA_G
ClientSampleId :
TP-1

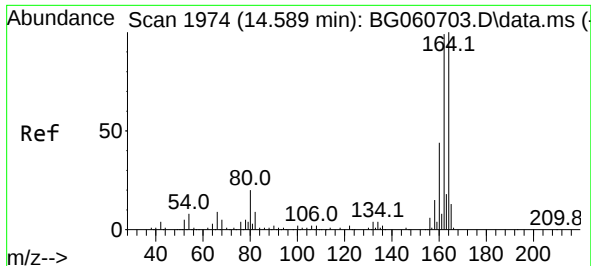
Tgt Ion: 77 Resp: 60
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 0.0 11.3 16.9#



#32
Benzoic acid
Concen: 6.889 ng
RT: 9.962 min Scan# 1187
Delta R.T. -0.079 min
Lab File: BG060895.D
Acq: 13 Apr 2024 15:53

Tgt Ion: 122 Resp: 142
Ion Ratio Lower Upper
122 100
105 142.8 104.5 144.5
77 98.2 85.3 125.3

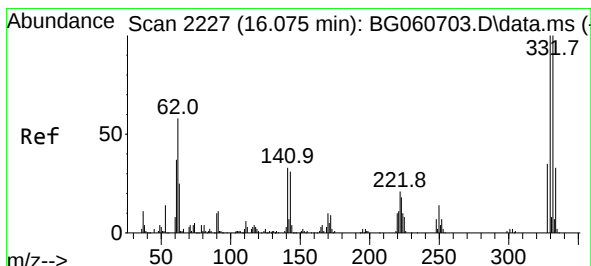
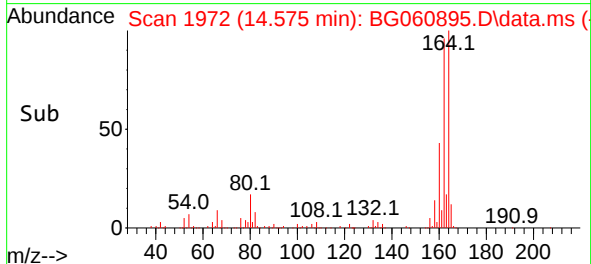
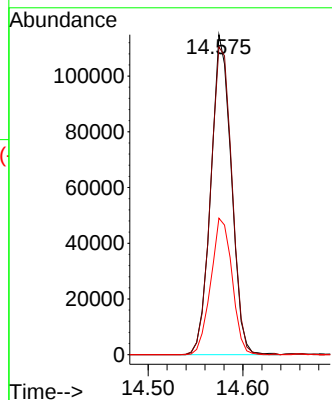
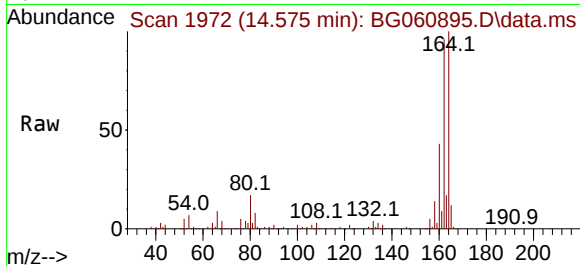




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1974
Delta R.T. -0.014 min
Lab File: BG060895.D
Acq: 13 Apr 2024 15:53

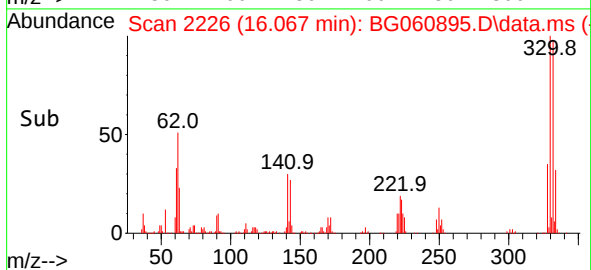
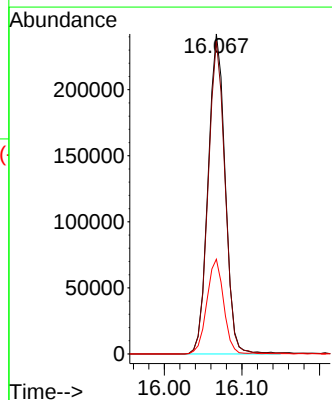
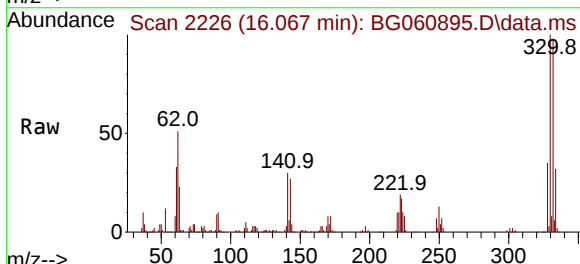
Instrument :
BNA_G
ClientSampleId :
TP-1

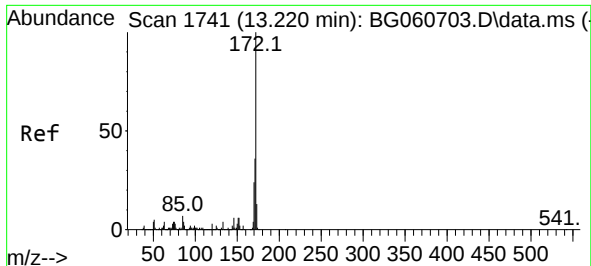
Tgt Ion:164 Resp: 171841
Ion Ratio Lower Upper
164 100
162 96.1 79.5 119.3
160 42.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 189.347 ng
RT: 16.067 min Scan# 2226
Delta R.T. -0.008 min
Lab File: BG060895.D
Acq: 13 Apr 2024 15:53

Tgt Ion:330 Resp: 369354
Ion Ratio Lower Upper
330 100
332 96.9 78.2 117.4
141 29.3 27.0 40.6

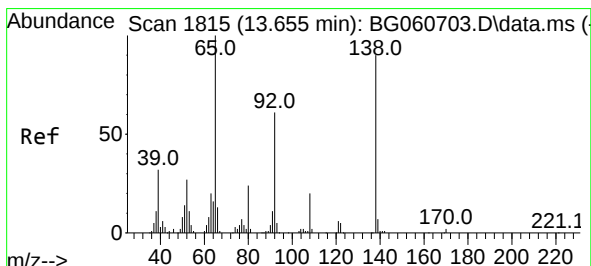
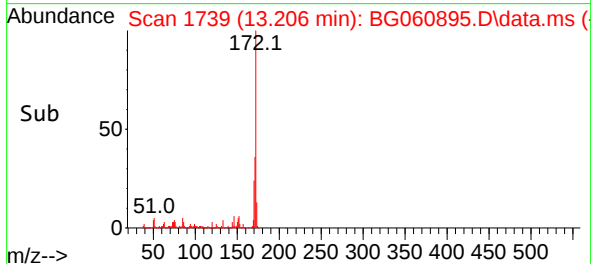
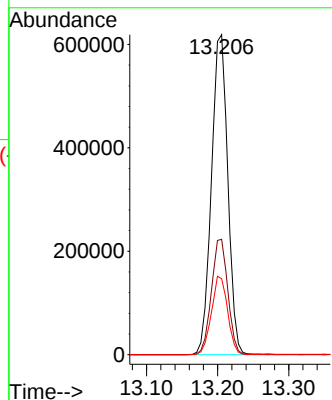
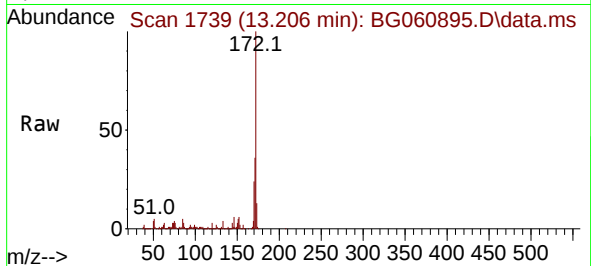




#45
2-Fluorobiphenyl
Concen: 84.694 ng
RT: 13.206 min Scan# 1739
Delta R.T. -0.014 min
Lab File: BG060895.D
Acq: 13 Apr 2024 15:53

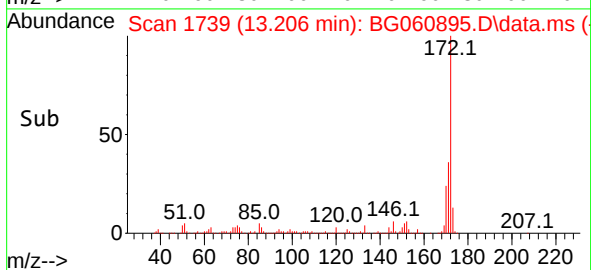
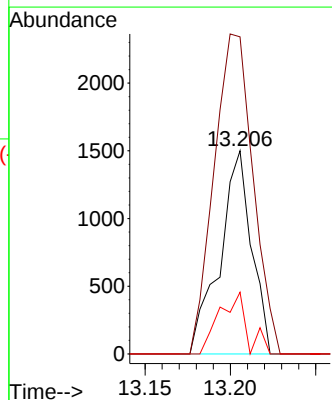
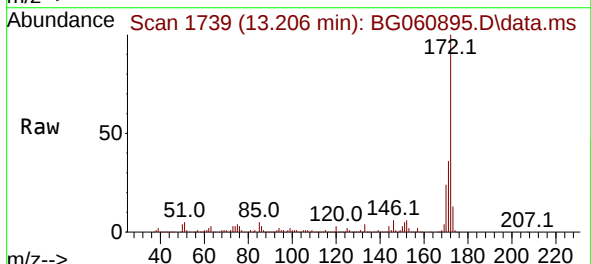
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ClientSampleId :
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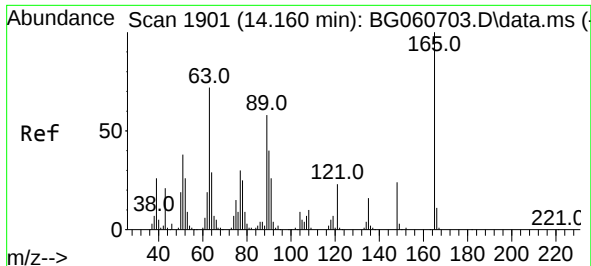
Tgt Ion:172 Resp: 991665
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 23.8 19.4 29.0



#48
2-Nitroaniline
Concen: 3.476 ng
RT: 13.206 min Scan# 1739
Delta R.T. -0.449 min
Lab File: BG060895.D
Acq: 13 Apr 2024 15:53

Tgt Ion: 65 Resp: 1942
Ion Ratio Lower Upper
65 100
92 156.1 48.6 72.8#
138 30.4 72.2 108.4#

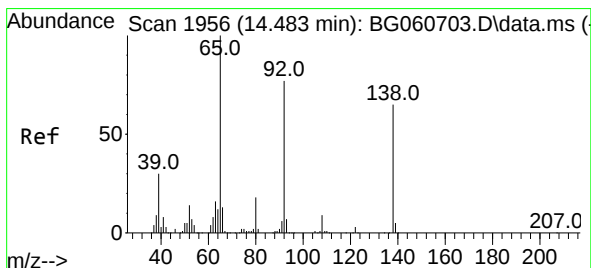
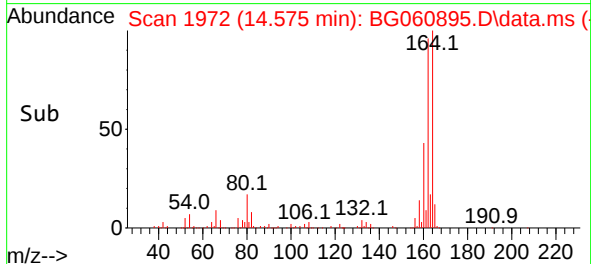
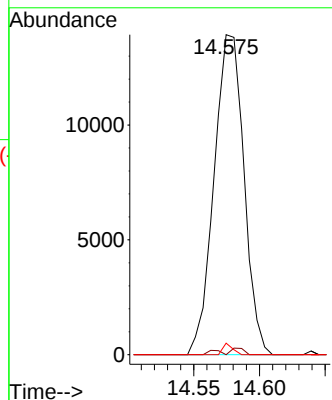
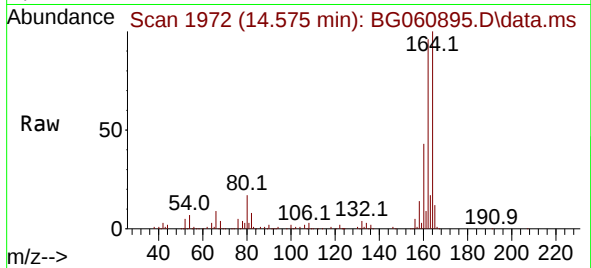




#51
2,6-Dinitrotoluene
Concen: 11.913 ng
RT: 14.575 min Scan# 1901
Delta R.T. 0.415 min
Lab File: BG060895.D
Acq: 13 Apr 2024 15:53

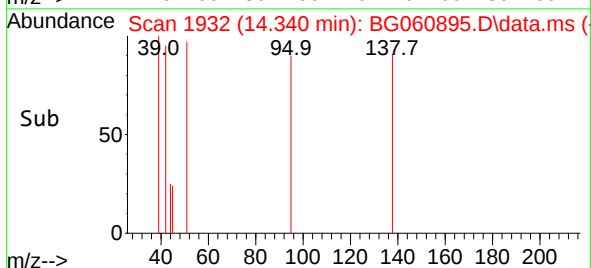
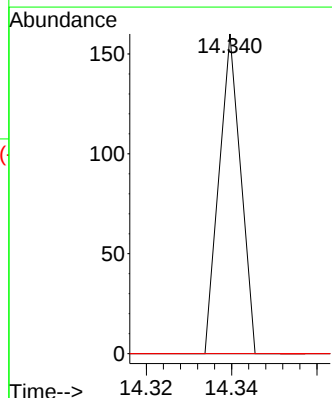
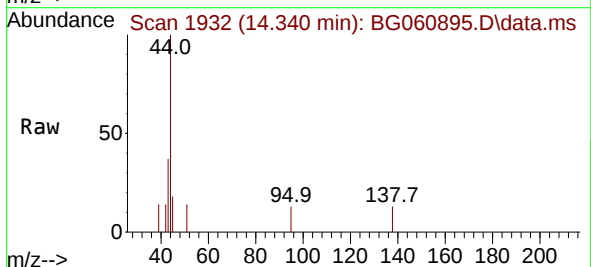
Instrument :
BNA_G
ClientSampleId :
TP-1

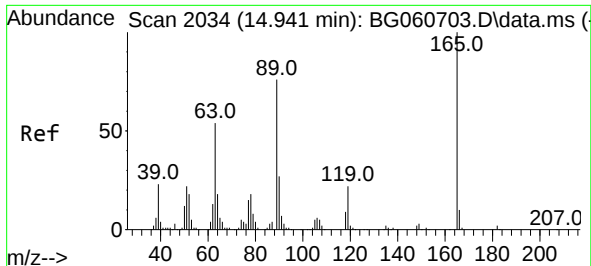
Tgt Ion:165 Resp: 22082
Ion Ratio Lower Upper
165 100
63 0.0 58.2 87.4#
89 3.6 46.1 69.1#



#53
3-Nitroaniline
Concen: 2.871 ng
RT: 14.340 min Scan# 1932
Delta R.T. -0.143 min
Lab File: BG060895.D
Acq: 13 Apr 2024 15:53

Tgt Ion:138 Resp: 56
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: 10.029 ng

RT: 14.575 min Scan# 14

Delta R.T. -0.366 min

Lab File: BG060895.D

Acq: 13 Apr 2024 15:53

Instrument :

BNA_G

ClientSampleId :

TP-1

Tgt Ion:165 Resp: 22082

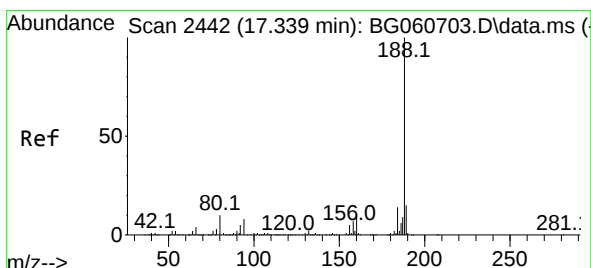
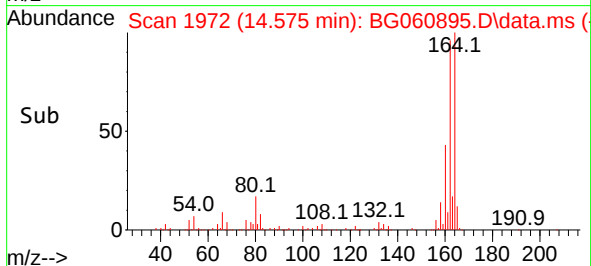
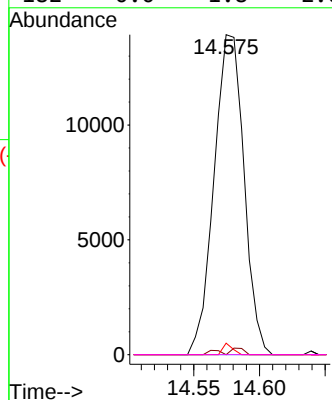
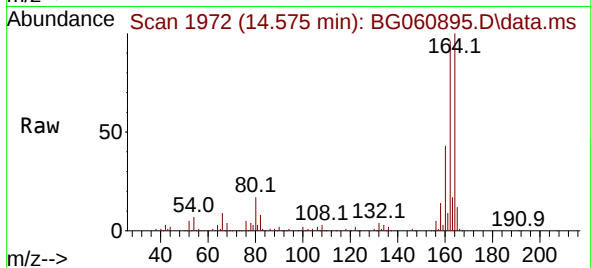
Ion Ratio Lower Upper

165 100

63 0.0 43.4 65.0#

89 3.6 61.0 91.6#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.324 min Scan# 2440

Delta R.T. -0.014 min

Lab File: BG060895.D

Acq: 13 Apr 2024 15:53

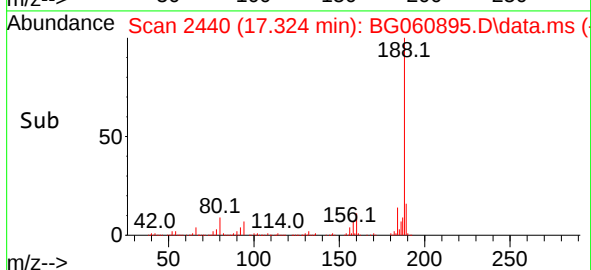
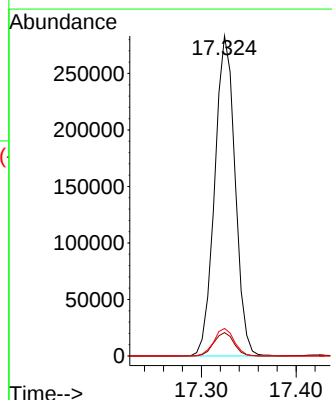
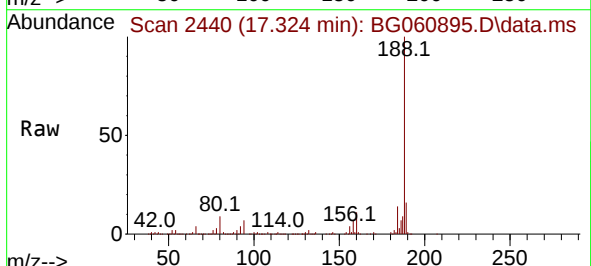
Tgt Ion:188 Resp: 422995

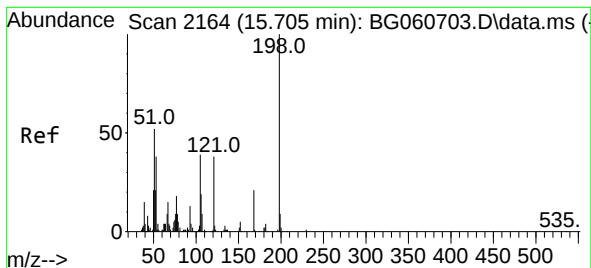
Ion Ratio Lower Upper

188 100

94 7.3 6.6 9.8

80 8.6 7.6 11.4

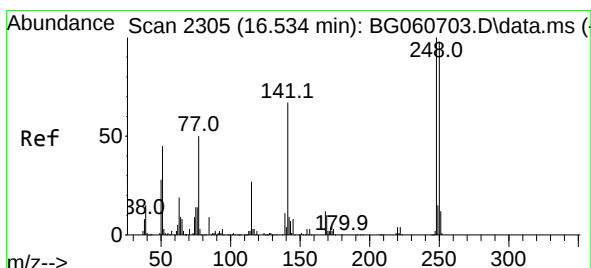
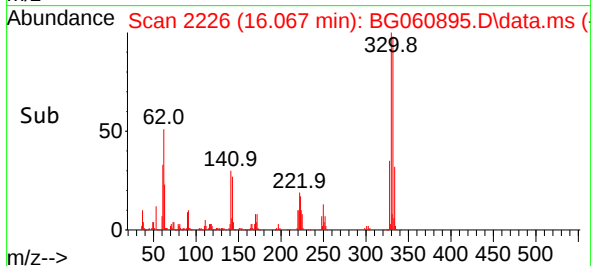
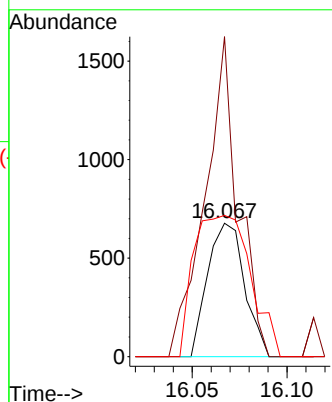
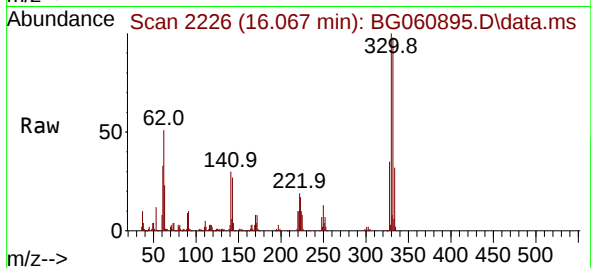




#65
4,6-Dinitro-2-methylphenol
Concen: 7.483 ng
RT: 16.067 min Scan# 2164
Delta R.T. 0.362 min
Lab File: BG060895.D
Acq: 13 Apr 2024 15:53

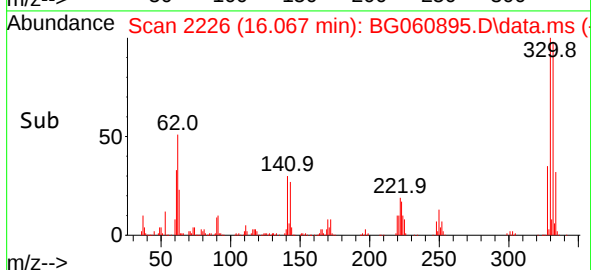
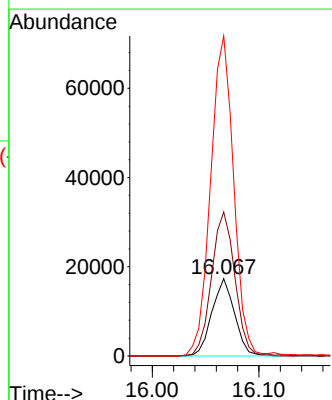
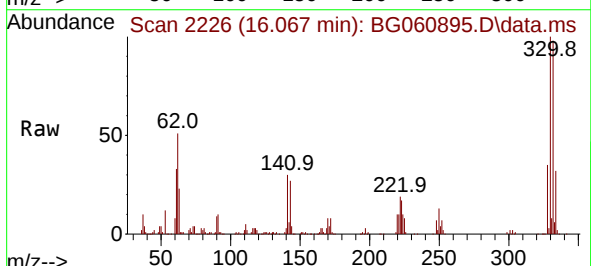
Instrument :
BNA_G
ClientSampleId :
TP-1

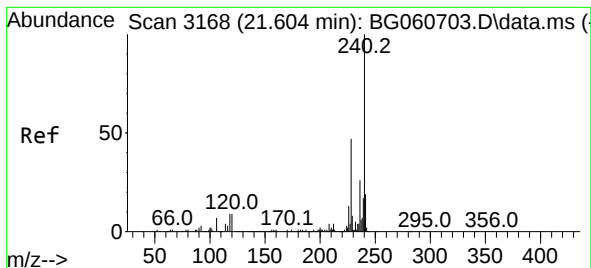
Tgt Ion:198 Resp: 918
Ion Ratio Lower Upper
198 100
51 239.9 36.7 76.7#
105 105.9 19.1 59.1#



#67
4-Bromophenyl-phenylether
Concen: 5.951 ng
RT: 16.067 min Scan# 2226
Delta R.T. -0.467 min
Lab File: BG060895.D
Acq: 13 Apr 2024 15:53

Tgt Ion:248 Resp: 25547
Ion Ratio Lower Upper
248 100
250 186.2 78.3 117.5#
141 413.8 53.7 80.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.590 min Scan# 3166

Delta R.T. -0.014 min

Lab File: BG060895.D

Acq: 13 Apr 2024 15:53

Instrument :

BNA_G

ClientSampleId :

TP-1

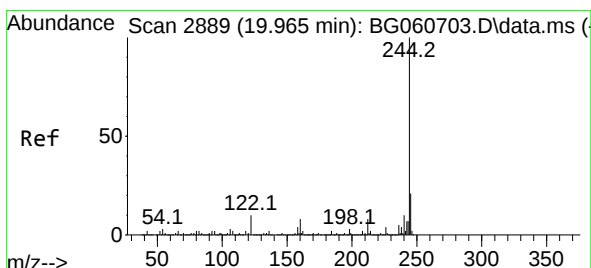
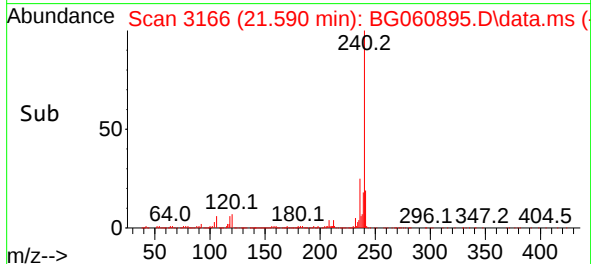
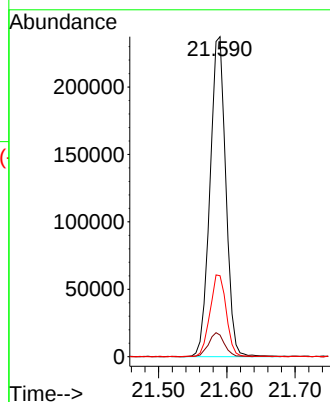
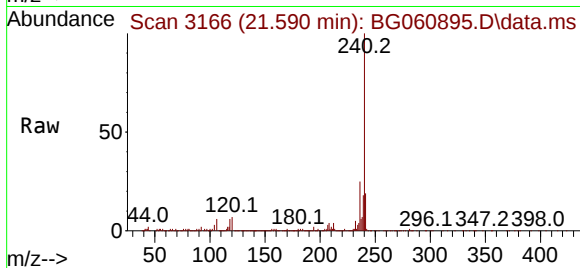
Tgt Ion:240 Resp: 383447

Ion Ratio Lower Upper

240 100

120 6.7 7.1 10.7#

236 25.3 20.7 31.1



#79

Terphenyl-d14

Concen: 91.160 ng

RT: 19.951 min Scan# 2887

Delta R.T. -0.014 min

Lab File: BG060895.D

Acq: 13 Apr 2024 15:53

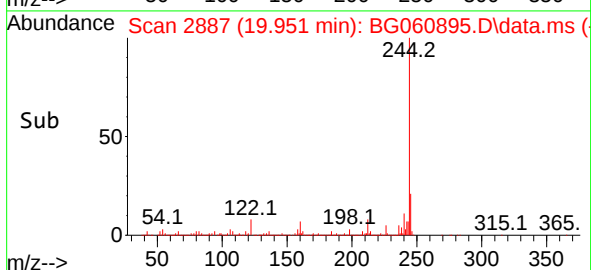
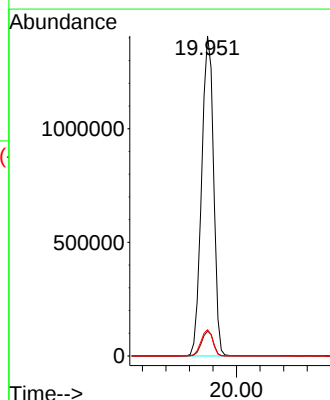
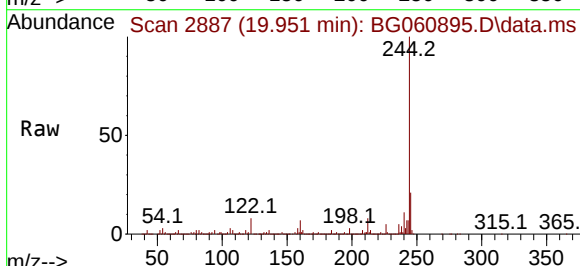
Tgt Ion:244 Resp: 1985145

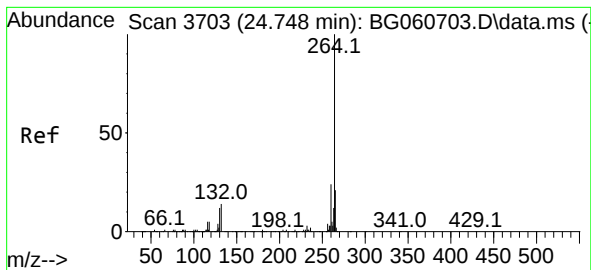
Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

122 8.2 7.8 11.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.727 min Scan# 31
Delta R.T. -0.020 min
Lab File: BG060895.D
Acq: 13 Apr 2024 15:53

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:264 Resp: 442973

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.3	16.9	25.3

