

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041524\
 Data File : BG060900.D
 Acq On : 15 Apr 2024 12:19
 Operator : MA/JU
 Sample : PB160200BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160200BL

Quant Time: Apr 15 12:56:29 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)

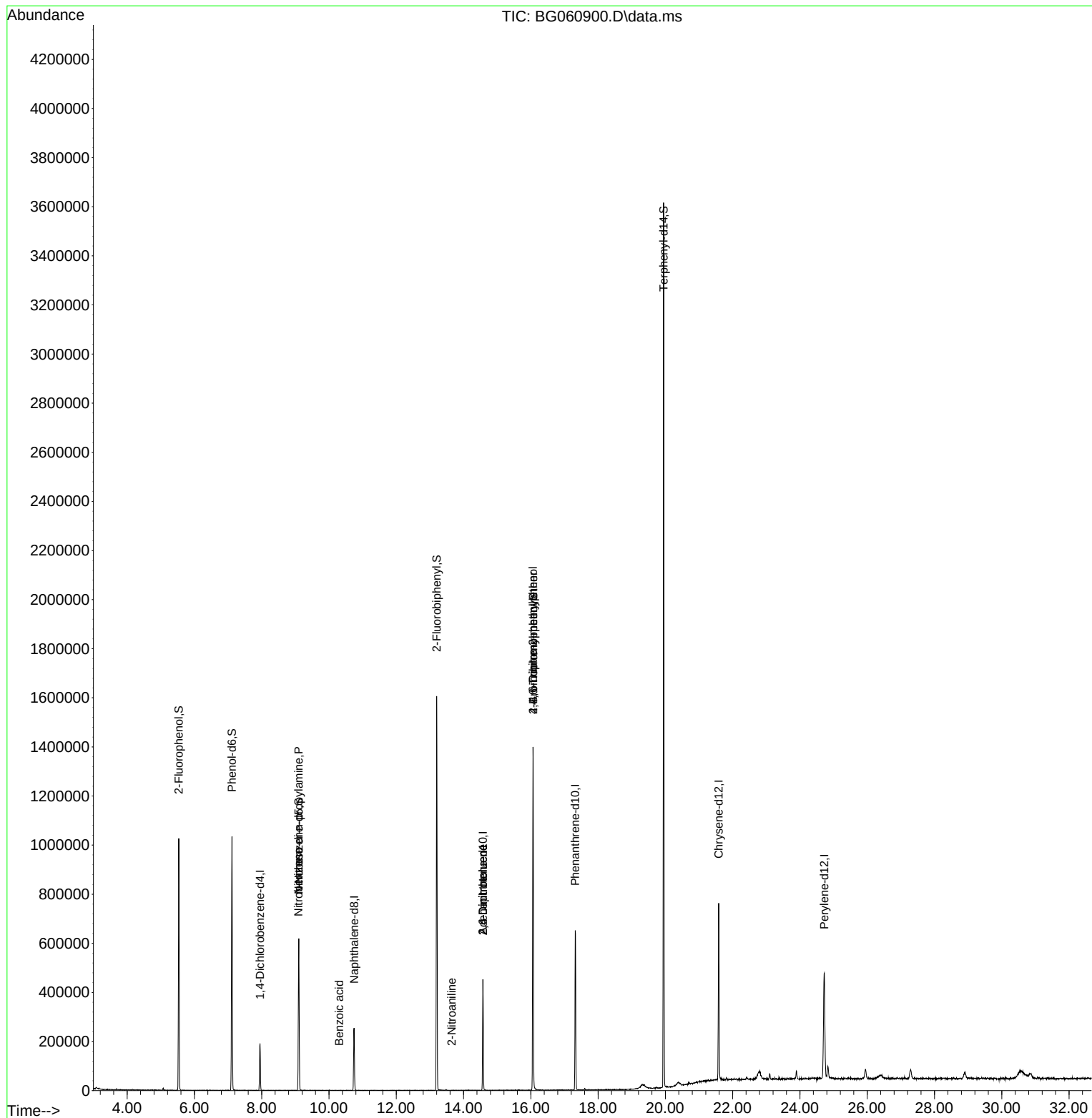
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	50620	20.000	ng	-0.01
21) Naphthalene-d8	10.747	136	202127	20.000	ng	-0.01
39) Acenaphthene-d10	14.577	164	163407	20.000	ng	-0.01
64) Phenanthrene-d10	17.321	188	428928	20.000	ng	-0.02
76) Chrysene-d12	21.587	240	431970	20.000	ng	-0.02
86) Perylene-d12	24.718	264	487899	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	374564	123.268	ng	0.00
7) Phenol-d6	7.116	99	510146	113.103	ng	0.00
23) Nitrobenzene-d5	9.101	82	335915	94.831	ng	-0.01
42) 2,4,6-Tribromophenol	16.070	330	295150	159.116	ng	0.00
45) 2-Fluorobiphenyl	13.203	172	833201	74.833	ng	-0.02
79) Terphenyl-d14	19.948	244	1827799	74.506	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.101	70	45027	13.090	ng	# 78
24) Nitrobenzene	9.096	77	1123	3.041	ng	# 49
32) Benzoic acid	10.306	122	61	6.860	ng	# 1
48) 2-Nitroaniline	13.649	65	54	2.811	ng	# 11
51) 2,6-Dinitrotoluene	14.577	165	19944	11.490	ng	# 20
57) 2,4-Dinitrotoluene	14.577	165	19944	9.691	ng	# 20
65) 4,6-Dinitro-2-methylph...	16.064	198	776	7.408	ng	# 1
67) 4-Bromophenyl-phenylether	16.070	248	19775	4.543	ng	# 1

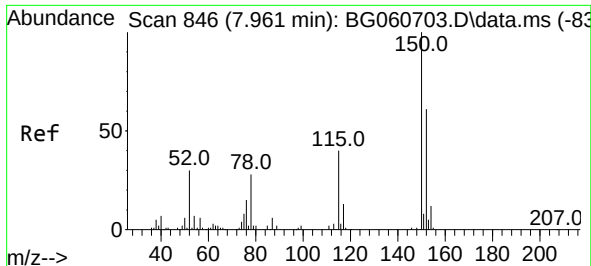
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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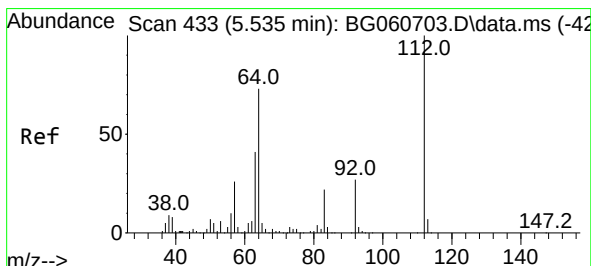
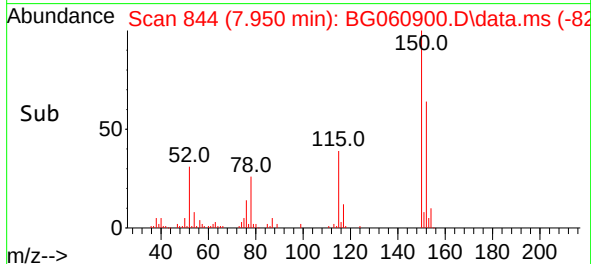
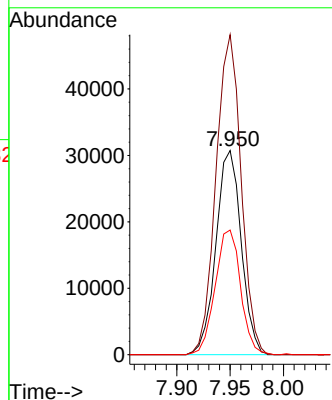
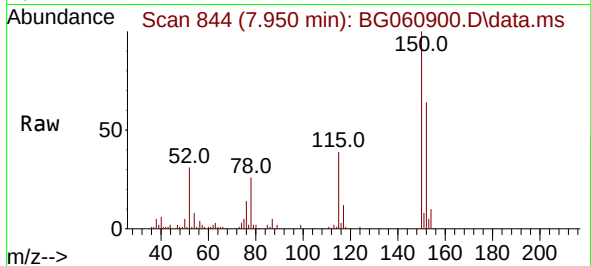




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.950 min Scan# 846
Delta R.T. -0.011 min
Lab File: BG060900.D
Acq: 15 Apr 2024 12:19

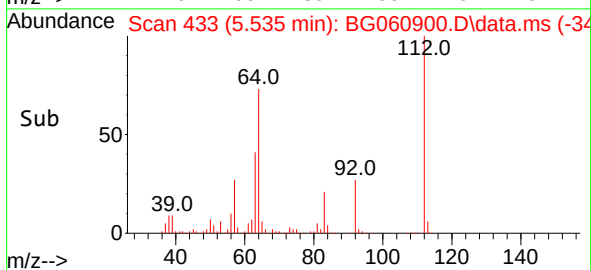
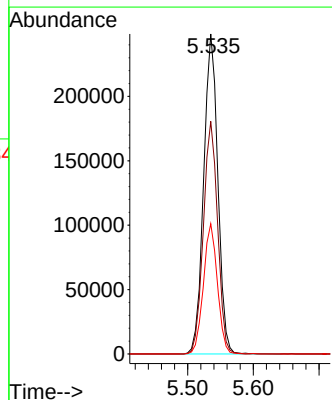
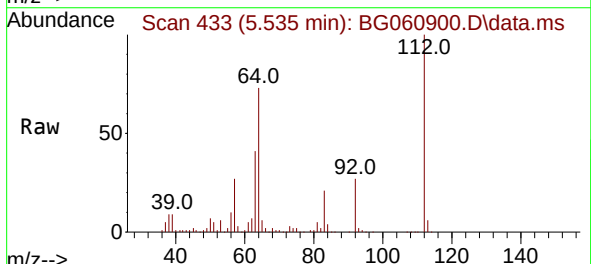
Instrument :
BNA_G
ClientSampleId :
PB160200BL

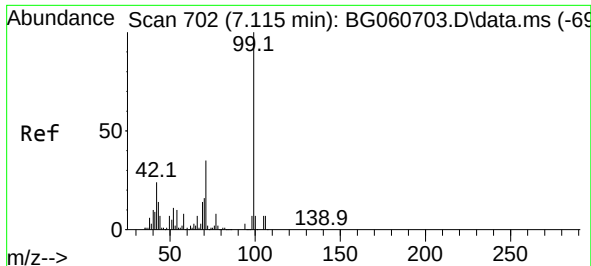
Tgt Ion:152 Resp: 50620
Ion Ratio Lower Upper
152 100
150 156.7 130.2 195.4
115 61.1 51.6 77.4



#5
2-Fluorophenol
Concen: 123.268 ng
RT: 5.535 min Scan# 433
Delta R.T. 0.000 min
Lab File: BG060900.D
Acq: 15 Apr 2024 12:19

Tgt Ion:112 Resp: 374564
Ion Ratio Lower Upper
112 100
64 72.7 58.4 87.6
63 40.7 32.7 49.1

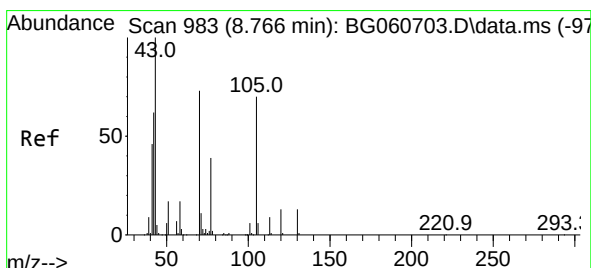
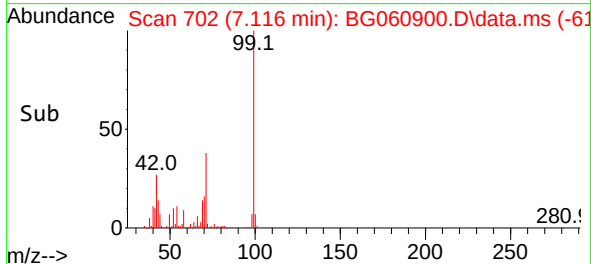
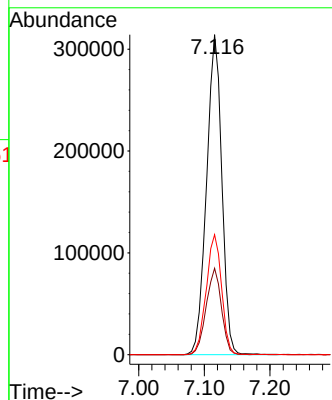
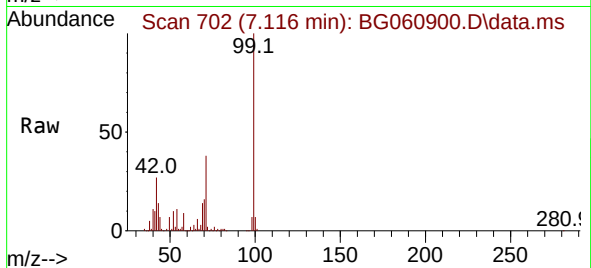




#7
Phenol-d6
Concen: 113.103 ng
RT: 7.116 min Scan# 70
Delta R.T. 0.000 min
Lab File: BG060900.D
Acq: 15 Apr 2024 12:19

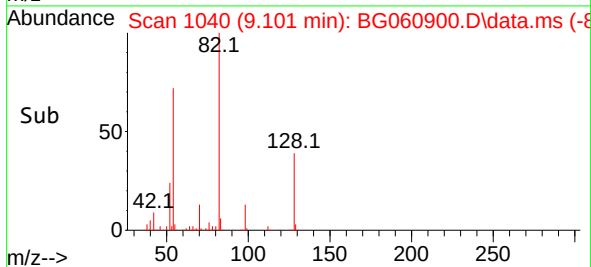
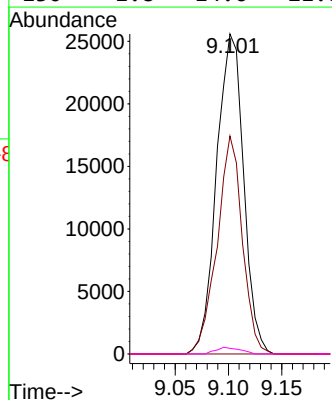
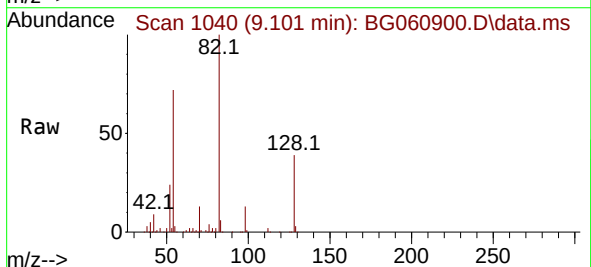
Instrument :
BNA_G
ClientSampleId :
PB160200BL

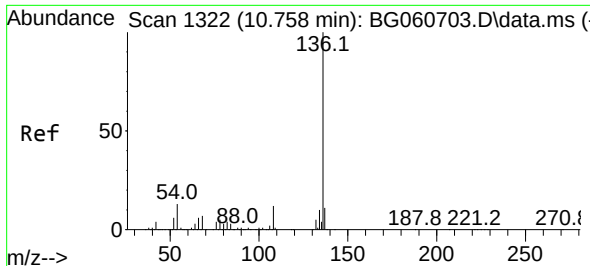
Tgt Ion: 99 Resp: 510146
Ion Ratio Lower Upper
99 100
42 27.0 19.4 29.2
71 37.5 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.090 ng
RT: 9.101 min Scan# 1040
Delta R.T. 0.335 min
Lab File: BG060900.D
Acq: 15 Apr 2024 12:19

Tgt Ion: 70 Resp: 45027
Ion Ratio Lower Upper
70 100
42 68.1 68.4 102.6#
101 0.0 6.1 9.1#
130 1.8 14.6 21.8#

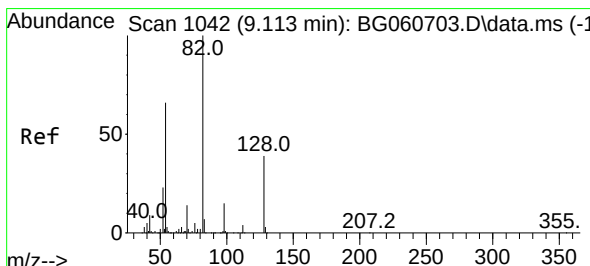
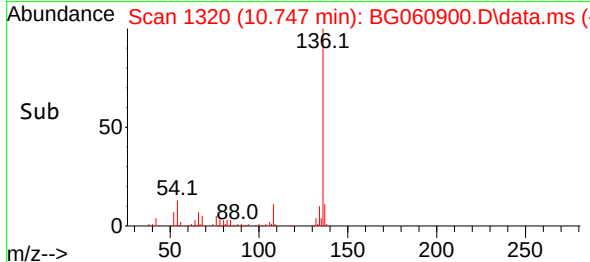
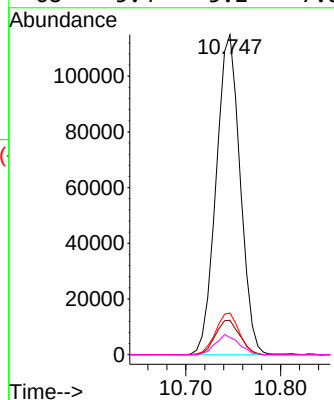
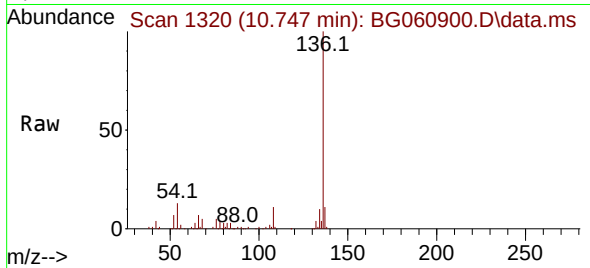




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.747 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG060900.D
Acq: 15 Apr 2024 12:19

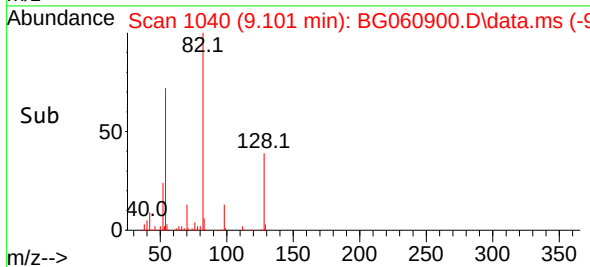
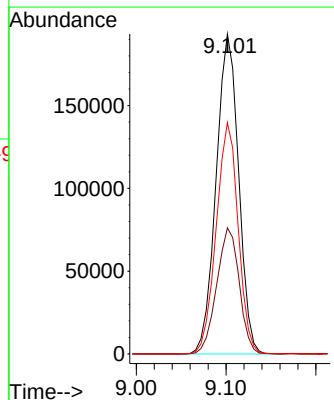
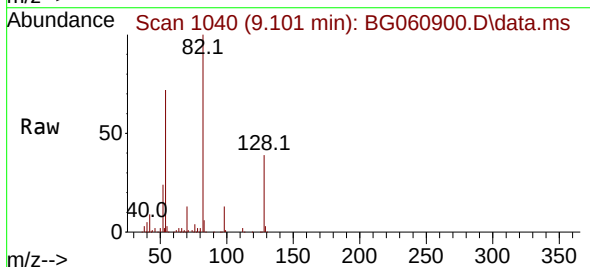
Instrument :
BNA_G
ClientSampleId :
PB160200BL

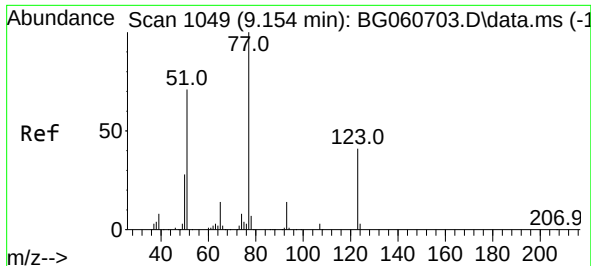
Tgt Ion:136	Resp:	202127	
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	13.0	10.2	15.2
68	5.4	5.2	7.8



#23
Nitrobenzene-d5
Concen: 94.831 ng
RT: 9.101 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BG060900.D
Acq: 15 Apr 2024 12:19

Tgt Ion: 82	Resp: 335915
Ion Ratio	Lower Upper
82 100	
128 39.4	31.2 46.8
54 72.3	53.2 79.8

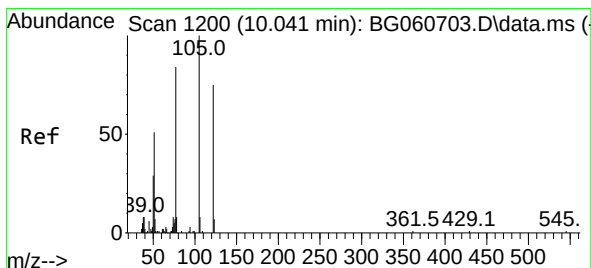
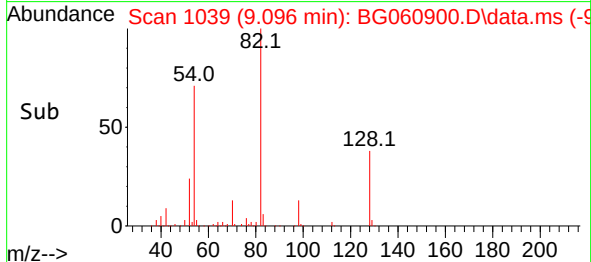
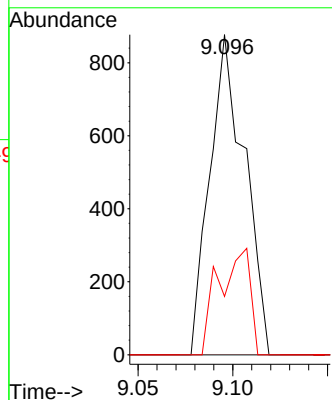
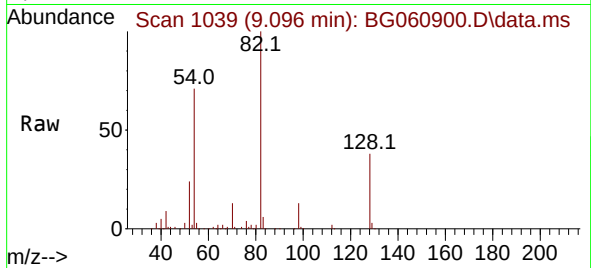




#24
Nitrobenzene
Concen: 3.041 ng
RT: 9.096 min Scan# 1039
Delta R.T. -0.058 min
Lab File: BG060900.D
Acq: 15 Apr 2024 12:19

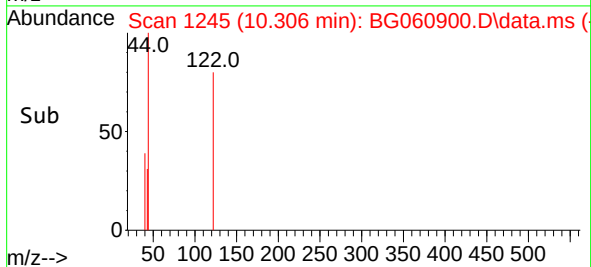
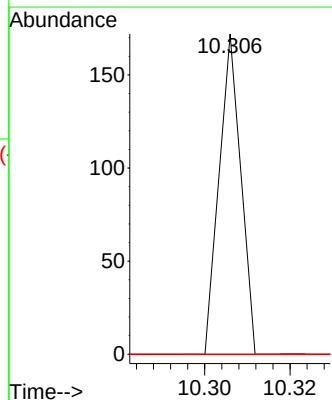
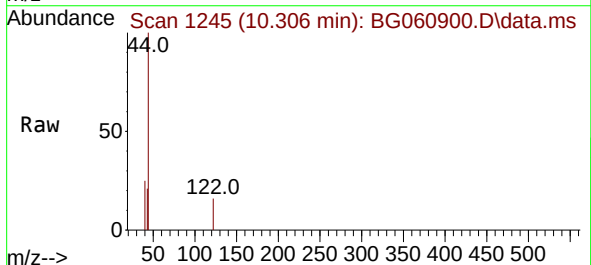
Instrument :
BNA_G
ClientSampleId :
PB160200BL

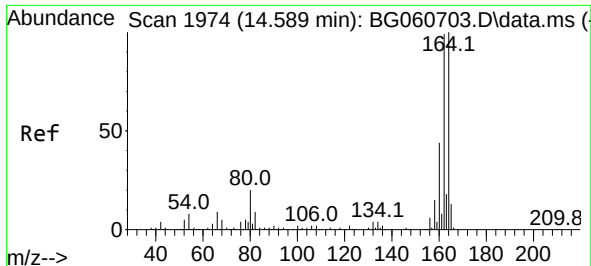
Tgt Ion: 77 Resp: 1123
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 18.2 11.3 16.9#



#32
Benzoic acid
Concen: 6.860 ng
RT: 10.306 min Scan# 1245
Delta R.T. 0.265 min
Lab File: BG060900.D
Acq: 15 Apr 2024 12:19

Tgt Ion: 122 Resp: 61
Ion Ratio Lower Upper
122 100
105 0.0 104.5 144.5#
77 0.0 85.3 125.3#

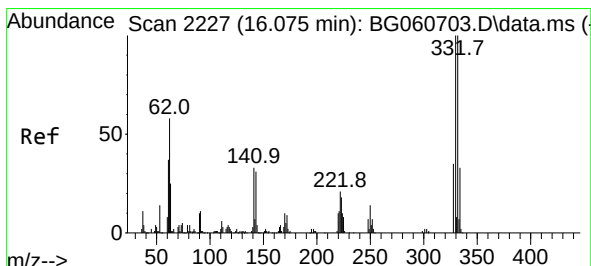
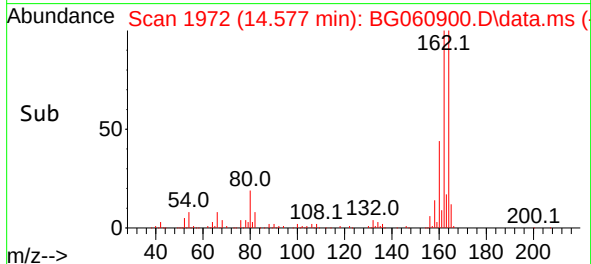
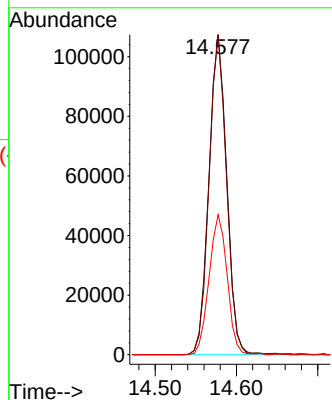
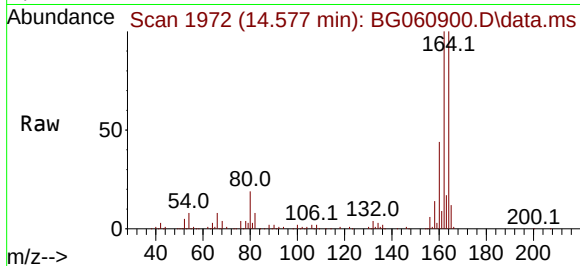




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1974
Delta R.T. -0.012 min
Lab File: BG060900.D
Acq: 15 Apr 2024 12:19

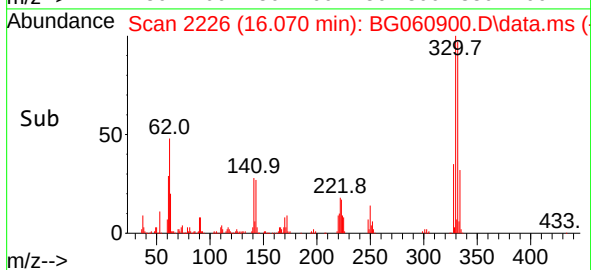
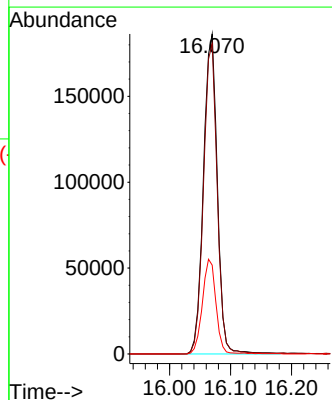
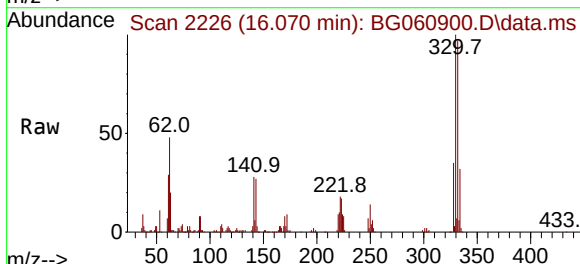
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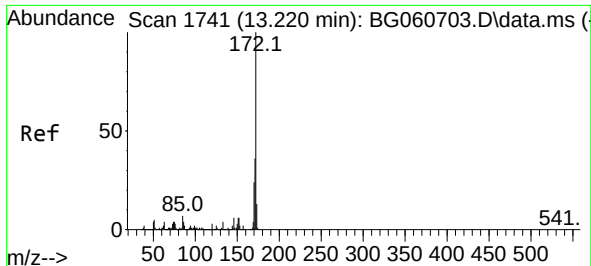
Tgt Ion:164 Resp: 163407
Ion Ratio Lower Upper
164 100
162 100.0 79.5 119.3
160 43.8 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 159.116 ng
RT: 16.070 min Scan# 2226
Delta R.T. -0.006 min
Lab File: BG060900.D
Acq: 15 Apr 2024 12:19

Tgt Ion:330 Resp: 295150
Ion Ratio Lower Upper
330 100
332 95.6 78.2 117.4
141 29.0 27.0 40.6

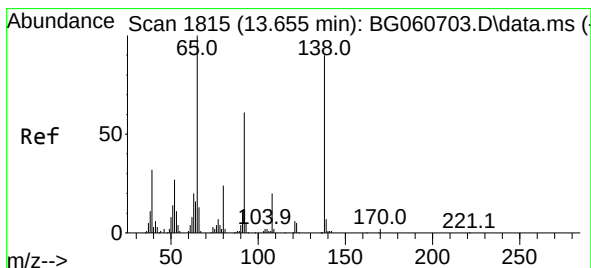
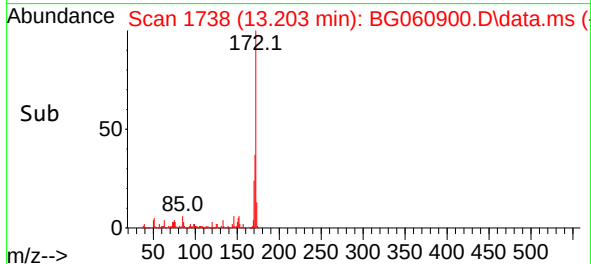
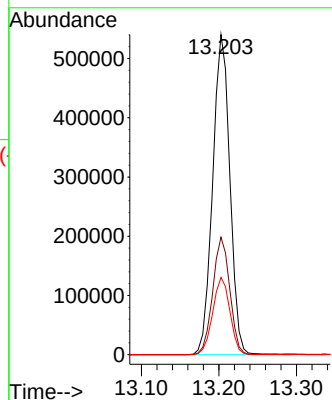
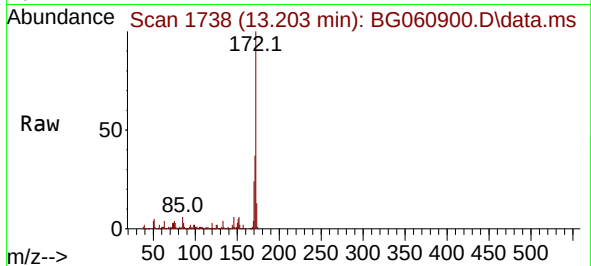




#45
2-Fluorobiphenyl
Concen: 74.833 ng
RT: 13.203 min Scan# 1738
Delta R.T. -0.017 min
Lab File: BG060900.D
Acq: 15 Apr 2024 12:19

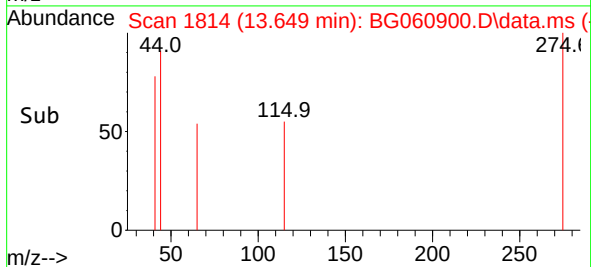
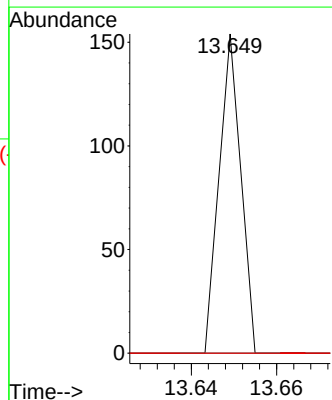
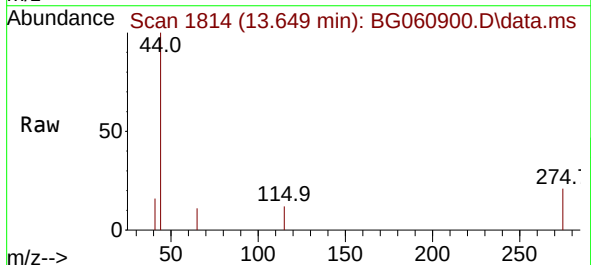
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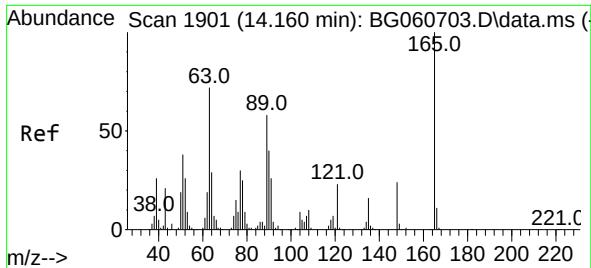
Tgt Ion:172 Resp: 833201
Ion Ratio Lower Upper
172 100
171 36.7 28.7 43.1
170 24.2 19.4 29.0



#48
2-Nitroaniline
Concen: 2.811 ng
RT: 13.649 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BG060900.D
Acq: 15 Apr 2024 12:19

Tgt Ion: 65 Resp: 54
Ion Ratio Lower Upper
65 100
92 0.0 48.6 72.8#
138 0.0 72.2 108.4#

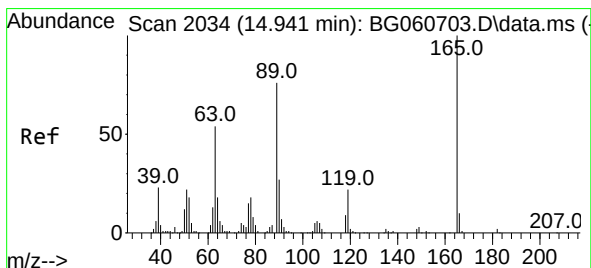
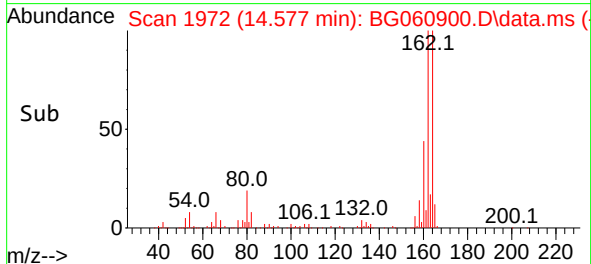
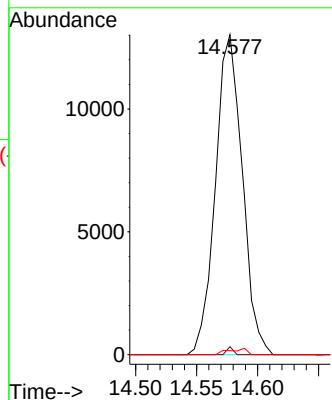
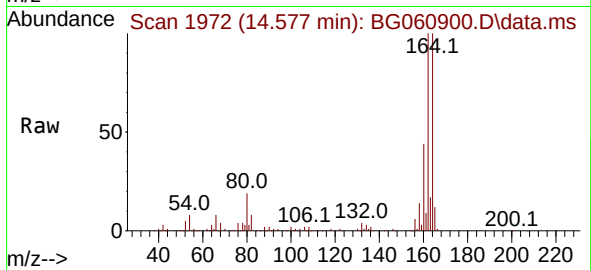




#51
2,6-Dinitrotoluene
Concen: 11.490 ng
RT: 14.577 min Scan# 1901
Delta R.T. 0.417 min
Lab File: BG060900.D
Acq: 15 Apr 2024 12:19

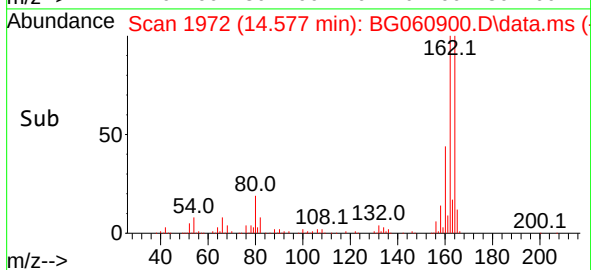
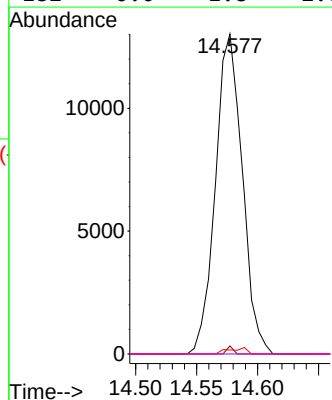
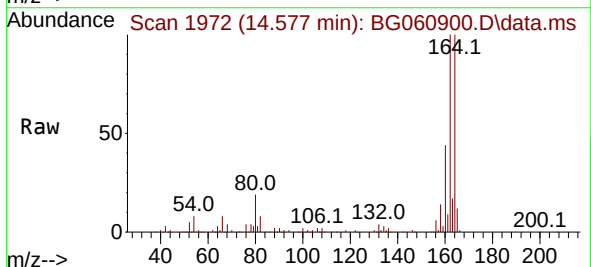
Instrument :
BNA_G
ClientSampleId :
PB160200BL

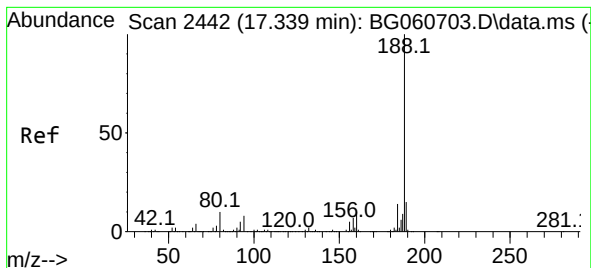
Tgt Ion:165 Resp: 19944
Ion Ratio Lower Upper
165 100
63 2.5 58.2 87.4#
89 1.2 46.1 69.1#



#57
2,4-Dinitrotoluene
Concen: 9.691 ng
RT: 14.577 min Scan# 1972
Delta R.T. -0.364 min
Lab File: BG060900.D
Acq: 15 Apr 2024 12:19

Tgt Ion:165 Resp: 19944
Ion Ratio Lower Upper
165 100
63 2.5 43.4 65.0#
89 1.2 61.0 91.6#
182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.321 min Scan# 2442

Delta R.T. -0.017 min

Lab File: BG060900.D

Acq: 15 Apr 2024 12:19

Instrument :

BNA_G

ClientSampleId :

PB160200BL

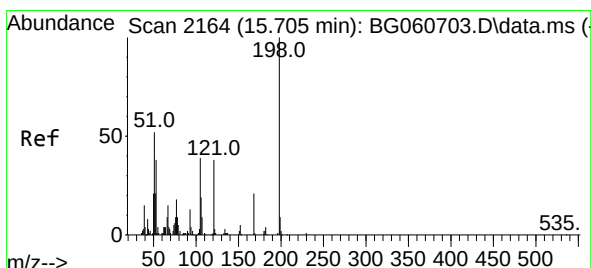
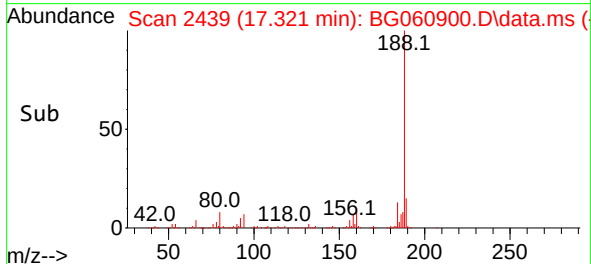
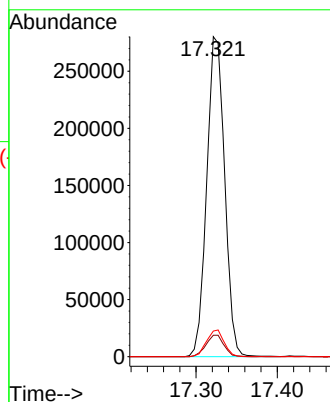
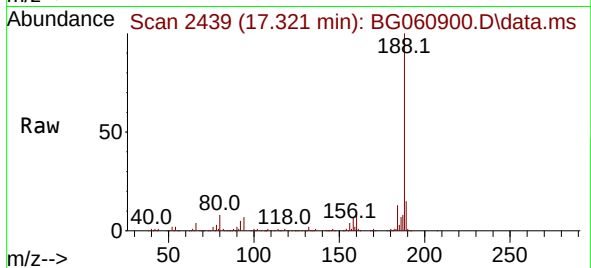
Tgt Ion:188 Resp: 428928

Ion Ratio Lower Upper

188 100

94 6.7 6.6 9.8

80 8.0 7.6 11.4



#65

4,6-Dinitro-2-methylphenol

Concen: 7.408 ng

RT: 16.064 min Scan# 2225

Delta R.T. 0.359 min

Lab File: BG060900.D

Acq: 15 Apr 2024 12:19

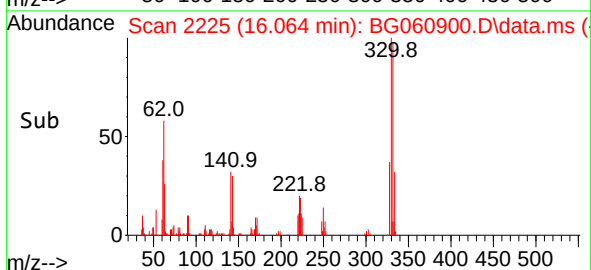
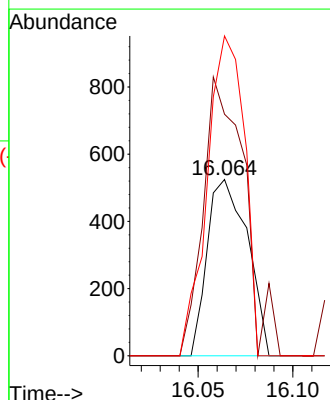
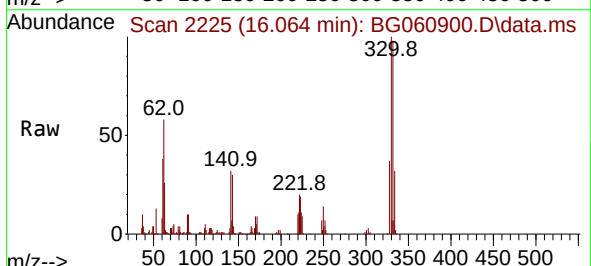
Tgt Ion:198 Resp: 776

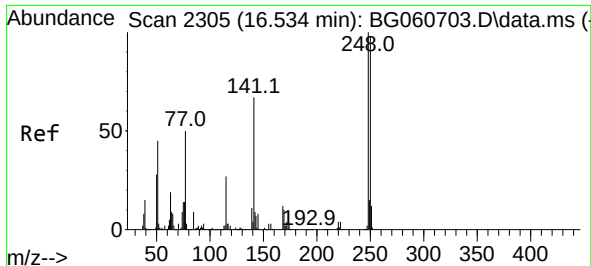
Ion Ratio Lower Upper

198 100

51 137.0 36.7 76.7#

105 181.3 19.1 59.1#

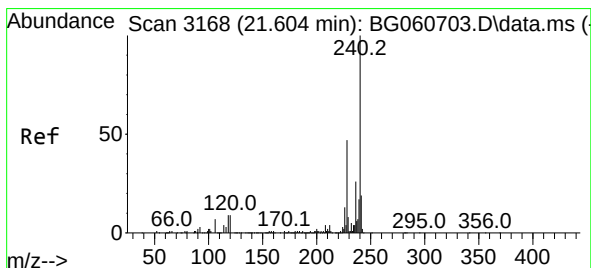
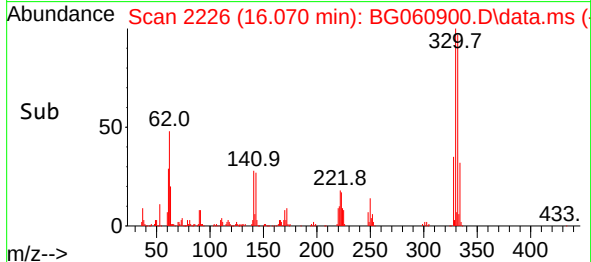
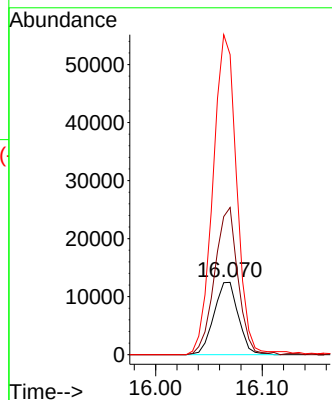
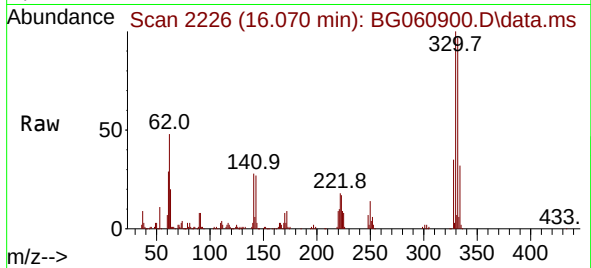




#67
4-Bromophenyl-phenylether
Concen: 4.543 ng
RT: 16.070 min Scan# 21
Delta R.T. -0.464 min
Lab File: BG060900.D
Acq: 15 Apr 2024 12:19

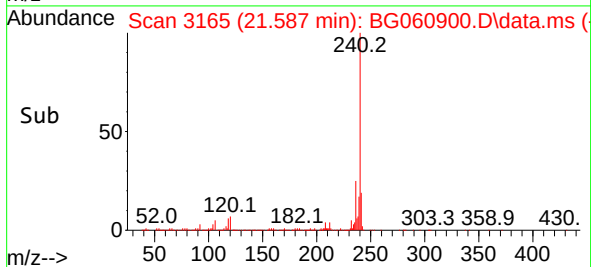
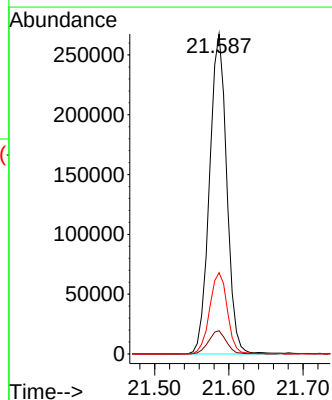
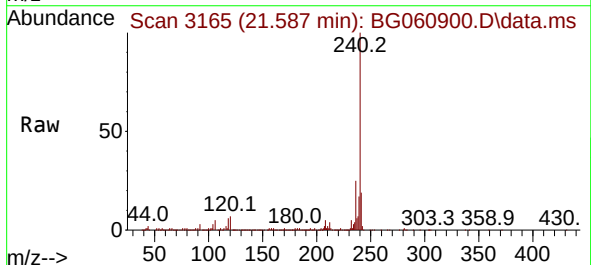
Instrument :
BNA_G
ClientSampleId :
PB160200BL

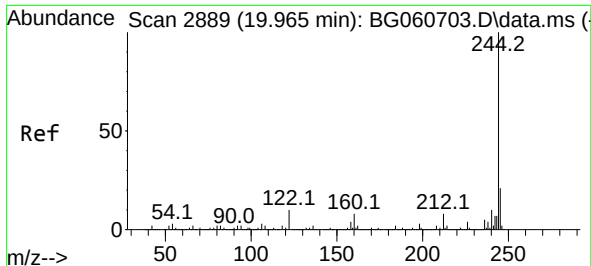
Tgt Ion:248 Resp: 19775
Ion Ratio Lower Upper
248 100
250 203.5 78.3 117.5#
141 414.8 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.587 min Scan# 3165
Delta R.T. -0.017 min
Lab File: BG060900.D
Acq: 15 Apr 2024 12:19

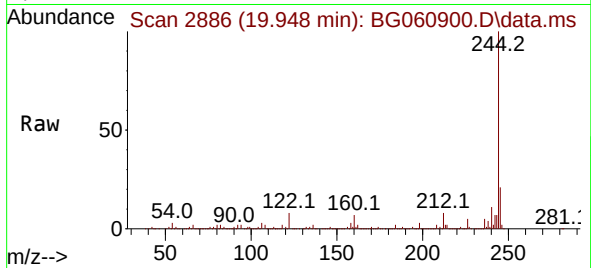
Tgt Ion:240 Resp: 431970
Ion Ratio Lower Upper
240 100
120 7.3 7.1 10.7
236 25.4 20.7 31.1



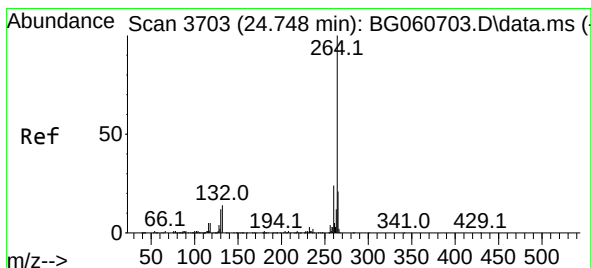
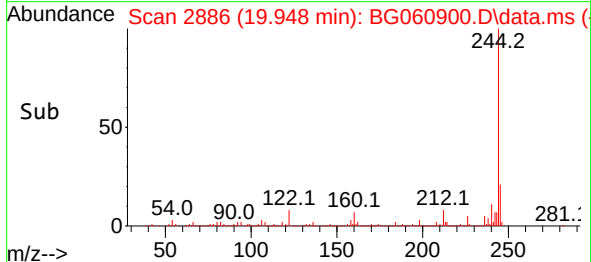
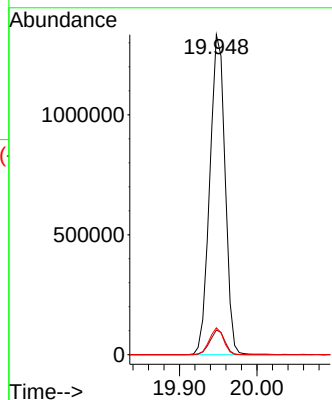


#79
Terphenyl-d14
Concen: 74.506 ng
RT: 19.948 min Scan# 21
Delta R.T. -0.017 min
Lab File: BG060900.D
Acq: 15 Apr 2024 12:19

Instrument :
BNA_G
ClientSampleId :
PB160200BL



Tgt Ion:244 Resp: 1827799
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 8.4 7.8 11.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.718 min Scan# 3698
Delta R.T. -0.029 min
Lab File: BG060900.D
Acq: 15 Apr 2024 12:19

Tgt Ion:264 Resp: 487899
Ion Ratio Lower Upper
264 100
260 24.0 19.5 29.3
265 22.4 16.9 25.3

