

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041524\
 Data File : BG060902.D
 Acq On : 15 Apr 2024 15:38
 Operator : MA/JU
 Sample : P2111-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BASEMENT-WELL

Quant Time: Apr 15 17:04:38 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)

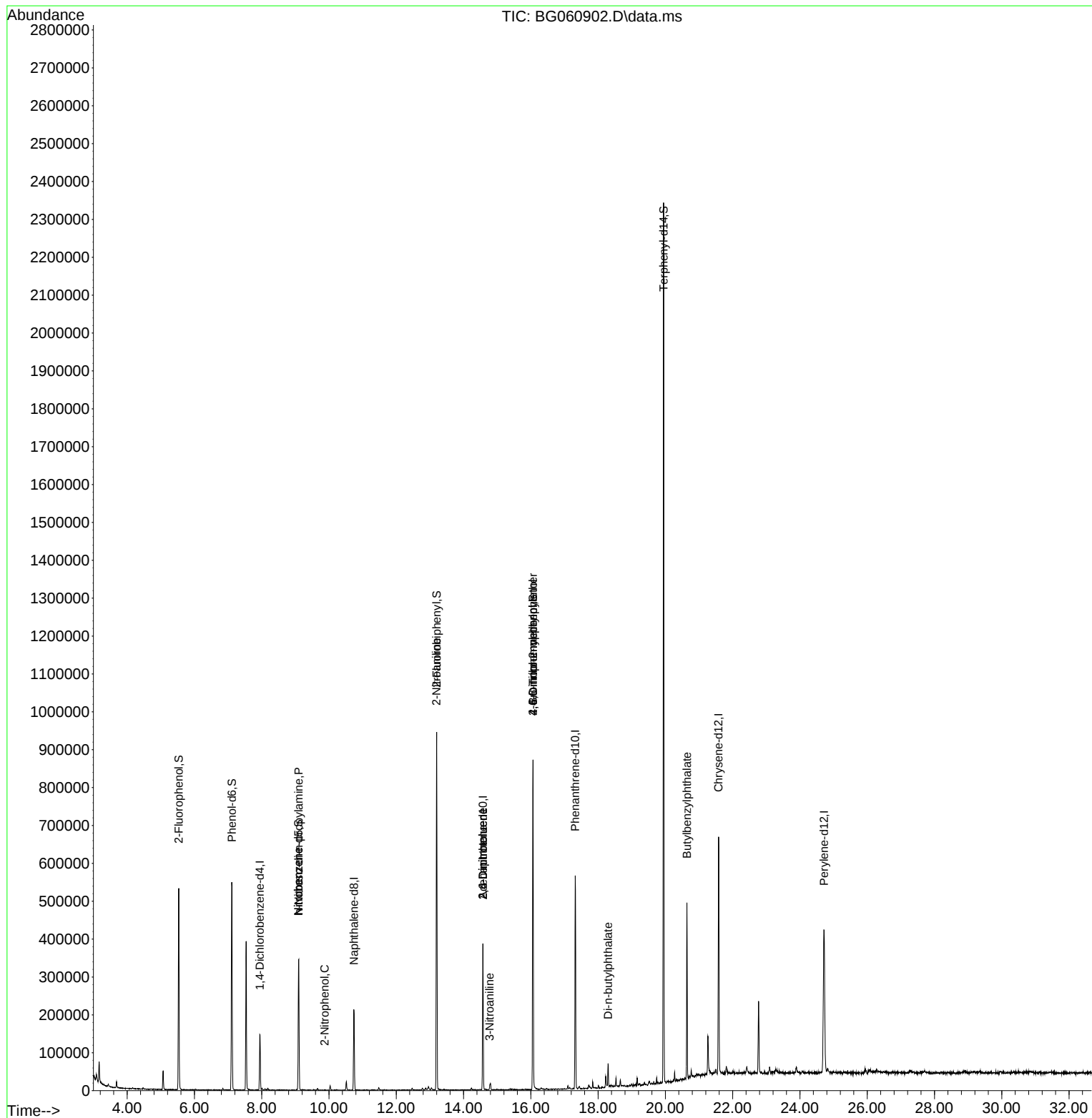
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	41297	20.000	ng	-0.02
21) Naphthalene-d8	10.740	136	171570	20.000	ng	-0.02
39) Acenaphthene-d10	14.577	164	137361	20.000	ng	-0.01
64) Phenanthrene-d10	17.321	188	366462	20.000	ng	-0.02
76) Chrysene-d12	21.580	240	366994	20.000	ng	-0.02
86) Perylene-d12	24.712	264	431493	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	211607	85.361	ng	0.00
7) Phenol-d6	7.115	99	280247	76.159	ng	0.00
23) Nitrobenzene-d5	9.095	82	189753	63.109	ng	-0.02
42) 2,4,6-Tribromophenol	16.063	330	179641	115.208	ng	-0.01
45) 2-Fluorobiphenyl	13.202	172	498252	53.236	ng	-0.02
79) Terphenyl-d14	19.947	244	1196683	57.417	ng	-0.02
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.101	70	26892	9.583	ng	# 77
24) Nitrobenzene	9.095	77	612	2.945	ng	# 13
26) 2-Nitrophenol	9.871	139	64	3.020	ng	# 31
48) 2-Nitroaniline	13.196	65	863	3.172	ng	# 1
51) 2,6-Dinitrotoluene	14.577	165	18098	12.126	ng	# 17
53) 3-Nitroaniline	14.777	138	65	2.880	ng	# 1
57) 2,4-Dinitrotoluene	14.577	165	18098	10.200	ng	# 18
65) 4,6-Dinitro-2-methylph...	16.063	198	394	7.256	ng	# 1
67) 4-Bromophenyl-phenylether	16.063	248	12448	3.347	ng	# 1
74) Di-n-butylphthalate	18.296	149	43881	2.062	ng	# 97
80) Butylbenzylphthalate	20.640	149	130454	13.933	ng	96

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

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Misc :
ALS Vial : 6 Sample Multiplier: 1

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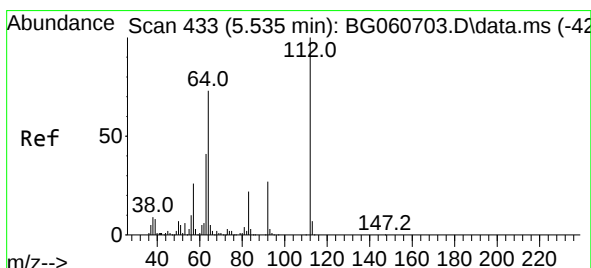
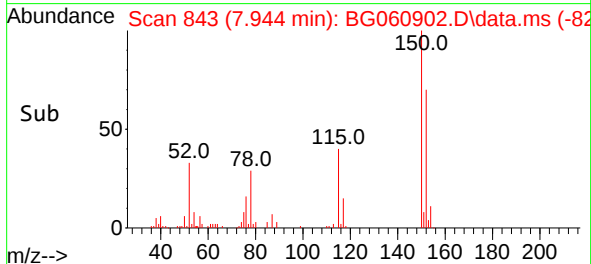
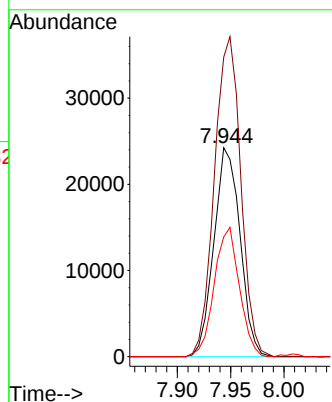
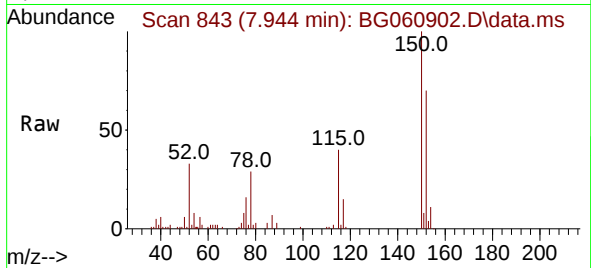




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.944 min Scan# 846
Delta R.T. -0.017 min
Lab File: BG060902.D
Acq: 15 Apr 2024 15:38

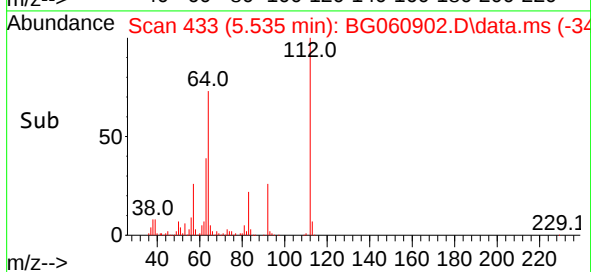
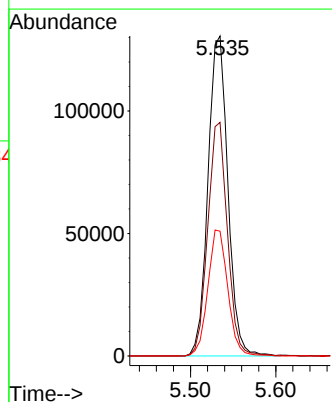
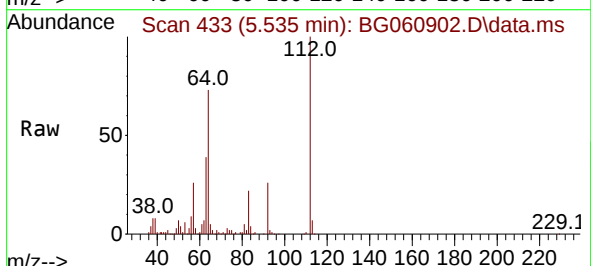
Instrument :
BNA_G
ClientSampleId :
BASEMENT-WELL

Tgt Ion:152 Resp: 41297
Ion Ratio Lower Upper
152 100
150 143.4 130.2 195.4
115 57.3 51.6 77.4



#5
2-Fluorophenol
Concen: 85.361 ng
RT: 5.535 min Scan# 433
Delta R.T. -0.000 min
Lab File: BG060902.D
Acq: 15 Apr 2024 15:38

Tgt Ion:112 Resp: 211607
Ion Ratio Lower Upper
112 100
64 73.0 58.4 87.6
63 39.0 32.7 49.1

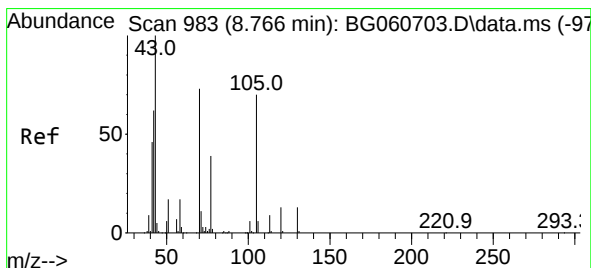
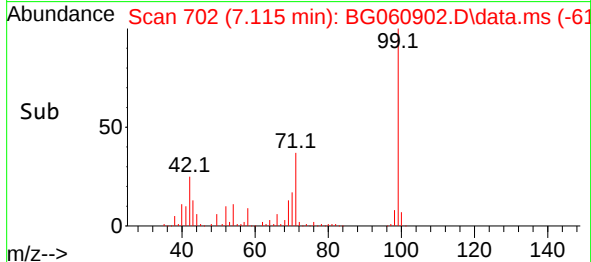
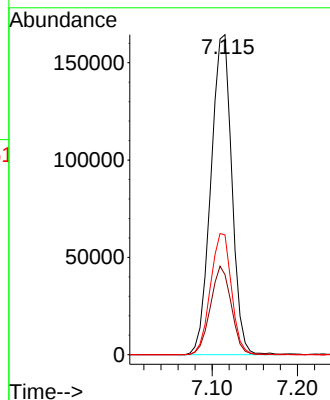
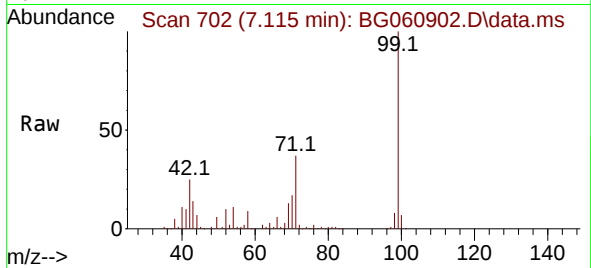




#7
Phenol-d6
Concen: 76.159 ng
RT: 7.115 min Scan# 702
Delta R.T. -0.000 min
Lab File: BG060902.D
Acq: 15 Apr 2024 15:38

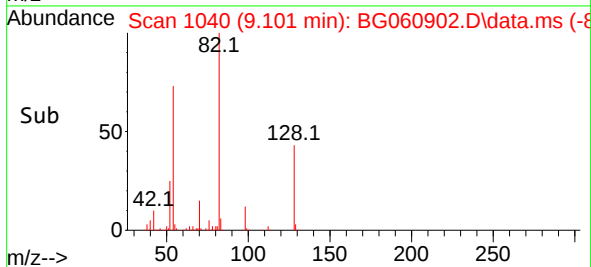
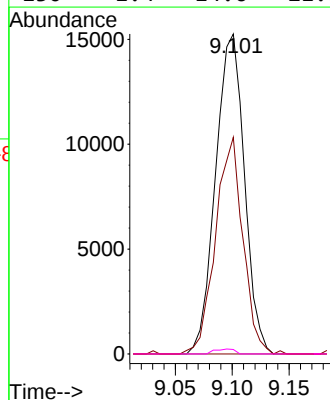
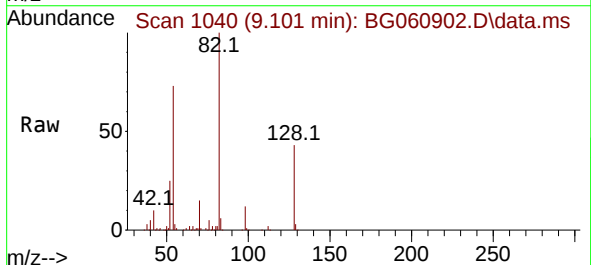
Instrument :
BNA_G
ClientSampleId :
BASEMENT-WELL

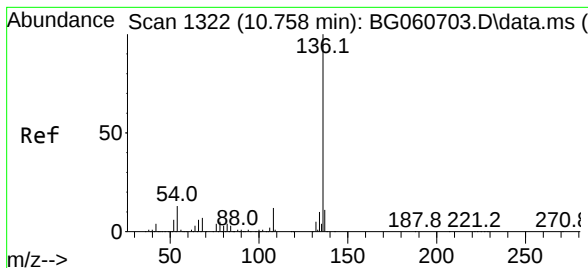
Tgt Ion: 99 Resp: 280247
Ion Ratio Lower Upper
99 100
42 25.0 19.4 29.2
71 37.5 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 9.583 ng
RT: 9.101 min Scan# 1040
Delta R.T. 0.335 min
Lab File: BG060902.D
Acq: 15 Apr 2024 15:38

Tgt Ion: 70 Resp: 26892
Ion Ratio Lower Upper
70 100
42 67.7 68.4 102.6#
101 0.0 6.1 9.1#
130 1.4 14.6 21.8#

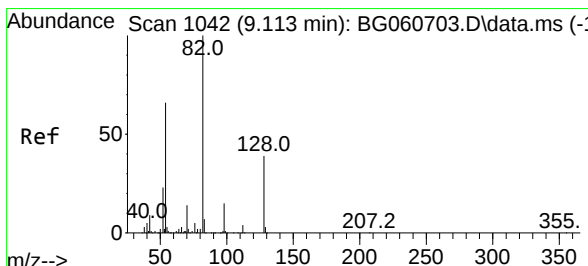
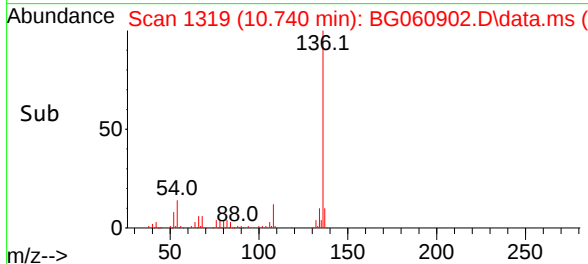
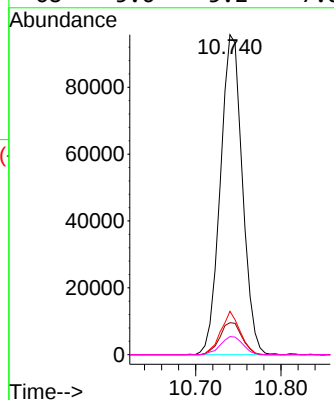
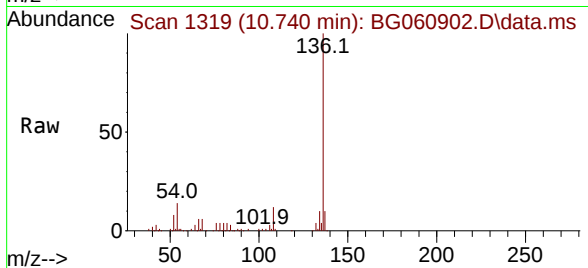




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.740 min Scan# 11
Delta R.T. -0.018 min
Lab File: BG060902.D
Acq: 15 Apr 2024 15:38

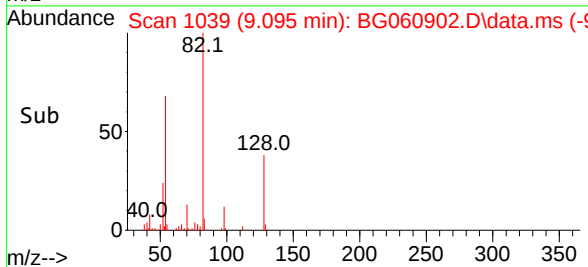
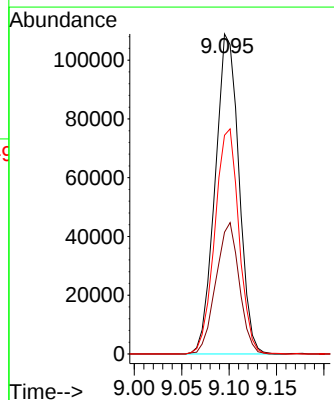
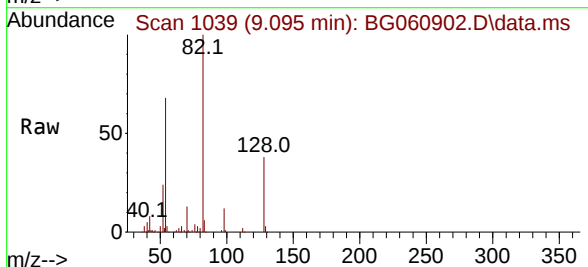
Instrument :
BNA_G
ClientSampleId :
BASEMENT-WELL

Tgt Ion:	136	Resp:	171570
Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.8	13.2
54	13.5	10.2	15.2
68	5.6	5.2	7.8



#23
Nitrobenzene-d5
Concen: 63.109 ng
RT: 9.095 min Scan# 1039
Delta R.T. -0.018 min
Lab File: BG060902.D
Acq: 15 Apr 2024 15:38

Tgt Ion:	82	Resp:	189753
Ion	Ratio	Lower	Upper
82	100		
128	38.0	31.2	46.8
54	68.4	53.2	79.8

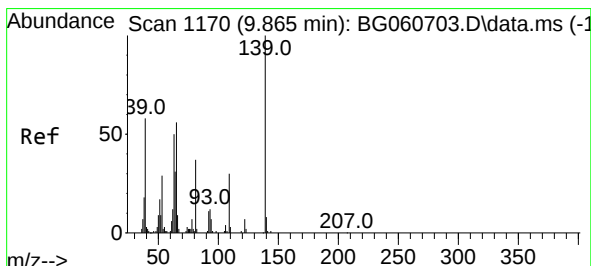
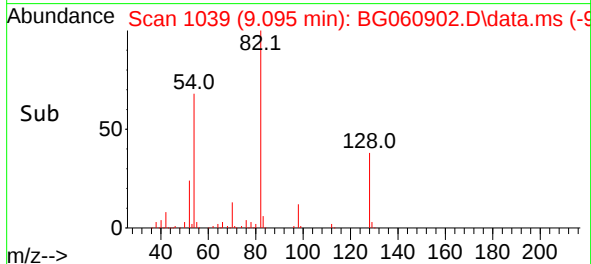
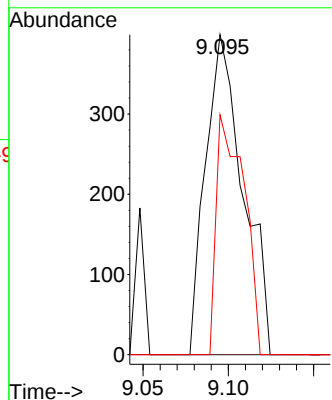
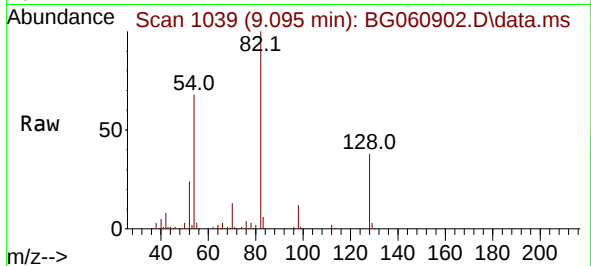




#24
Nitrobenzene
Concen: 2.945 ng
RT: 9.095 min Scan# 1039
Delta R.T. -0.059 min
Lab File: BG060902.D
Acq: 15 Apr 2024 15:38

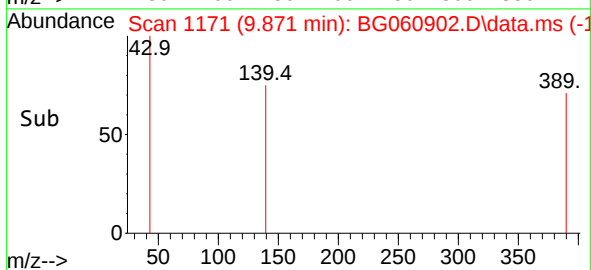
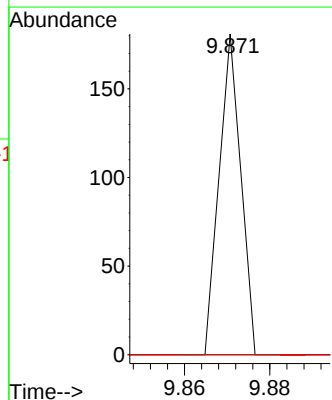
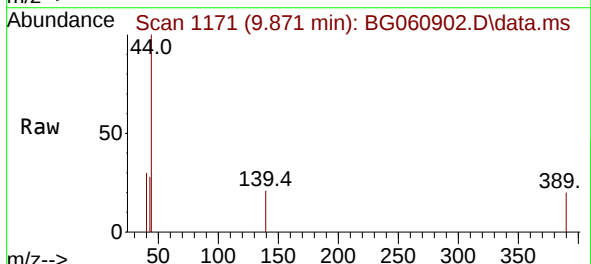
Instrument :
BNA_G
ClientSampleId :
BASEMENT-WELL

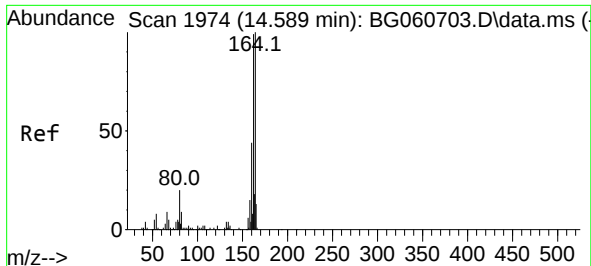
Tgt Ion: 77 Resp: 612
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 74.9 11.3 16.9#



#26
2-Nitrophenol
Concen: 3.020 ng
RT: 9.871 min Scan# 1171
Delta R.T. 0.006 min
Lab File: BG060902.D
Acq: 15 Apr 2024 15:38

Tgt Ion:139 Resp: 64
Ion Ratio Lower Upper
139 100
109 0.0 23.9 35.9#
65 0.0 44.5 66.7#

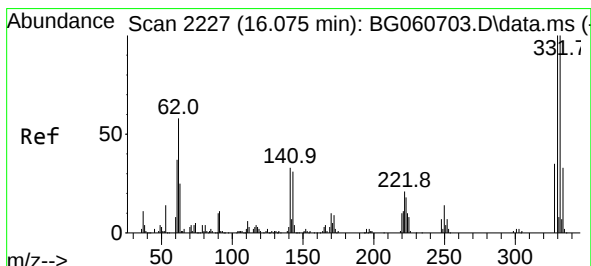
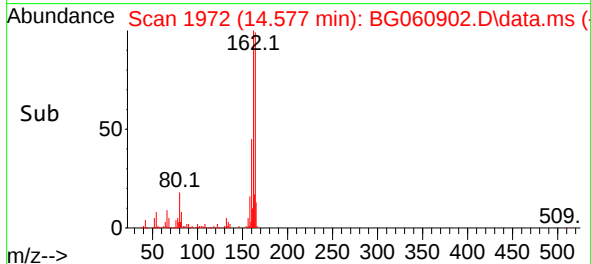
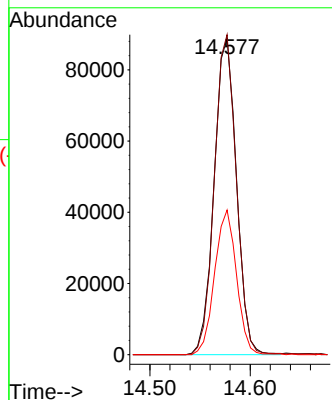
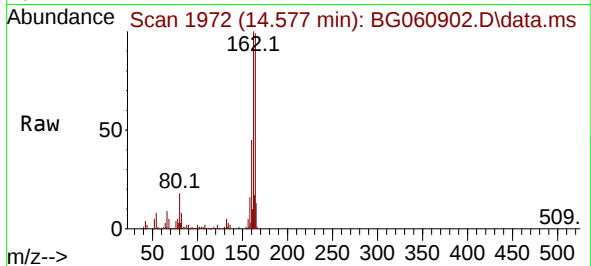




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1972
Delta R.T. -0.012 min
Lab File: BG060902.D
Acq: 15 Apr 2024 15:38

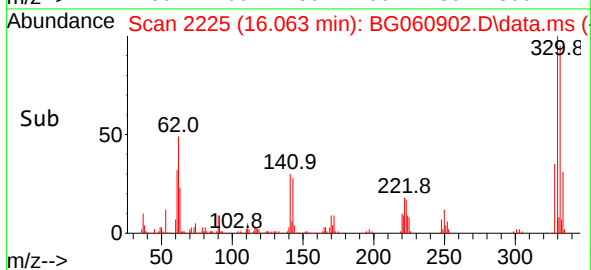
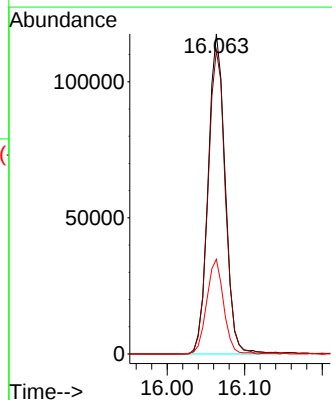
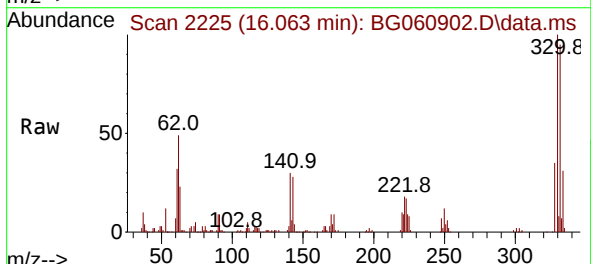
Instrument :
BNA_G
ClientSampleId :
BASEMENT-WELL

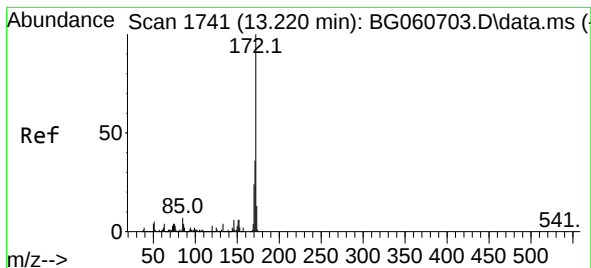
Tgt Ion:164 Resp: 137361
Ion Ratio Lower Upper
164 100
162 101.1 79.5 119.3
160 45.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 115.208 ng
RT: 16.063 min Scan# 2225
Delta R.T. -0.012 min
Lab File: BG060902.D
Acq: 15 Apr 2024 15:38

Tgt Ion:330 Resp: 179641
Ion Ratio Lower Upper
330 100
332 96.4 78.2 117.4
141 29.3 27.0 40.6





#45

2-Fluorobiphenyl

Concen: 53.236 ng

RT: 13.202 min Scan# 1

Delta R.T. -0.018 min

Lab File: BG060902.D

Acq: 15 Apr 2024 15:38

Instrument :

BNA_G

ClientSampleId :

BASEMENT-WELL

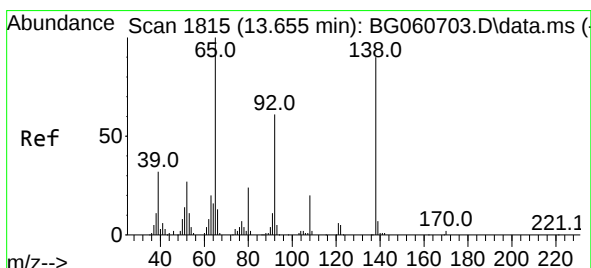
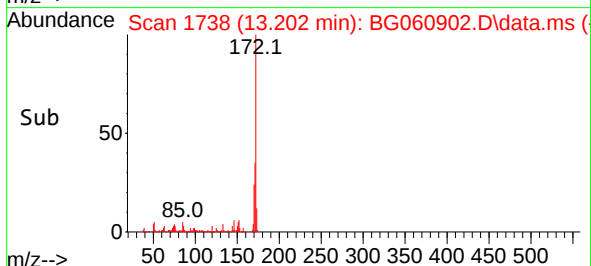
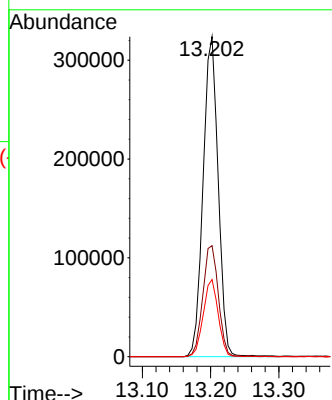
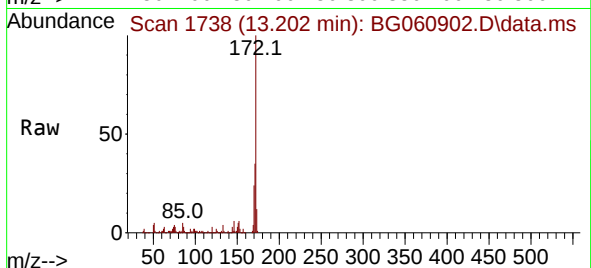
Tgt Ion:172 Resp: 498252

Ion Ratio Lower Upper

172 100

171 34.7 28.7 43.1

170 24.1 19.4 29.0



#48

2-Nitroaniline

Concen: 3.172 ng

RT: 13.196 min Scan# 1737

Delta R.T. -0.459 min

Lab File: BG060902.D

Acq: 15 Apr 2024 15:38

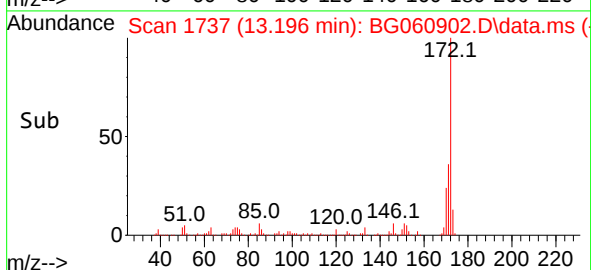
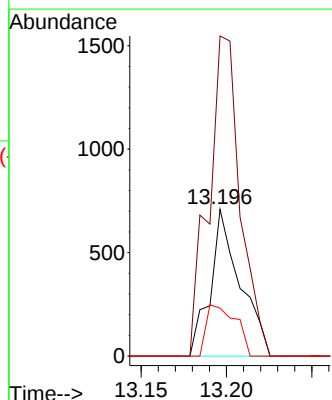
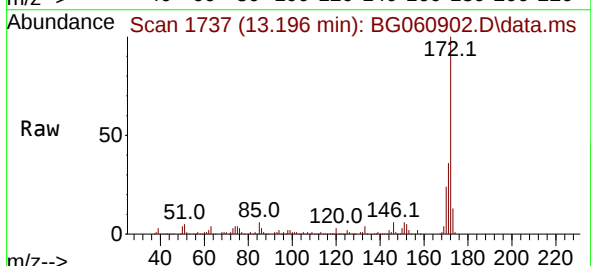
Tgt Ion: 65 Resp: 863

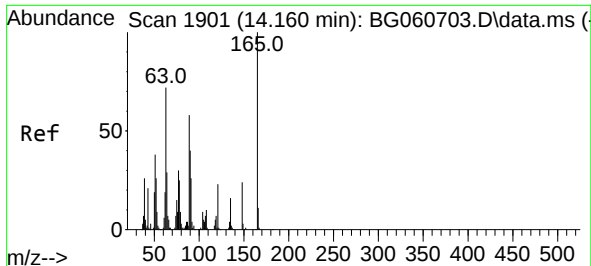
Ion Ratio Lower Upper

65 100

92 218.2 48.6 72.8#

138 32.7 72.2 108.4#

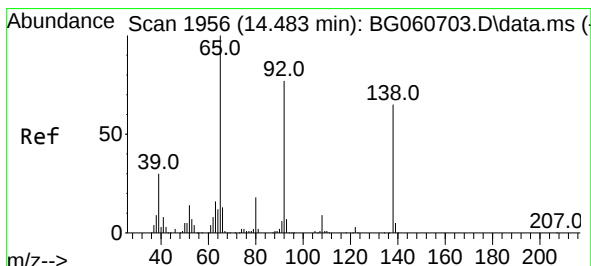
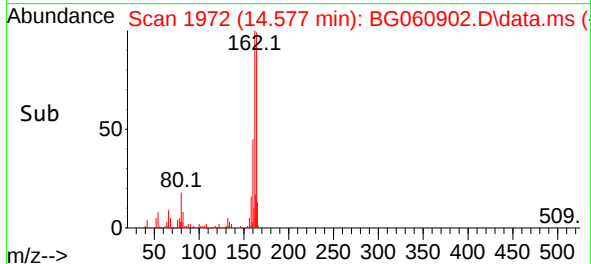
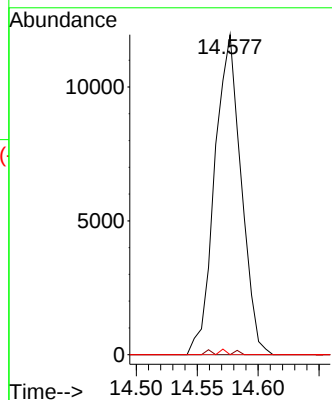
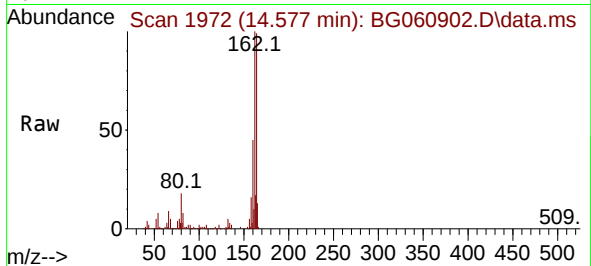




#51
2,6-Dinitrotoluene
Concen: 12.126 ng
RT: 14.577 min Scan# 1901
Delta R.T. 0.417 min
Lab File: BG060902.D
Acq: 15 Apr 2024 15:38

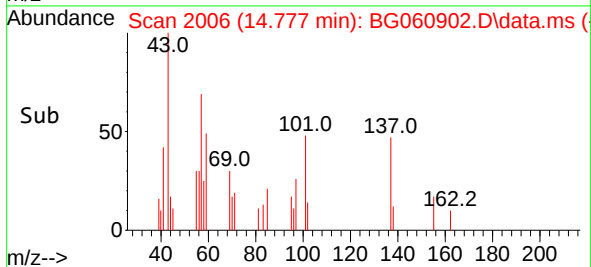
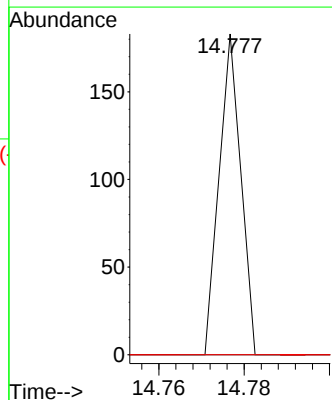
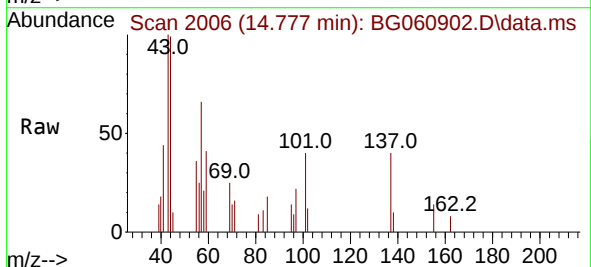
Instrument :
BNA_G
ClientSampleId :
BASEMENT-WELL

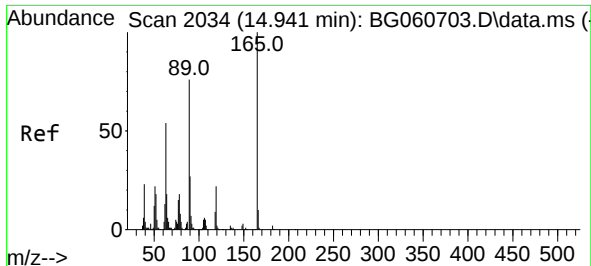
Tgt Ion:165 Resp: 18098
Ion Ratio Lower Upper
165 100
63 0.0 58.2 87.4#
89 0.0 46.1 69.1#



#53
3-Nitroaniline
Concen: 2.880 ng
RT: 14.777 min Scan# 2006
Delta R.T. 0.294 min
Lab File: BG060902.D
Acq: 15 Apr 2024 15:38

Tgt Ion:138 Resp: 65
Ion Ratio Lower Upper
138 100
108 0.0 11.3 16.9#
92 0.0 94.1 141.1#

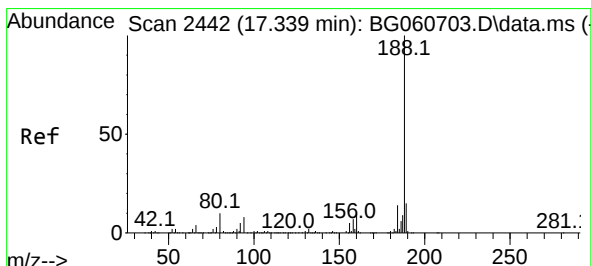
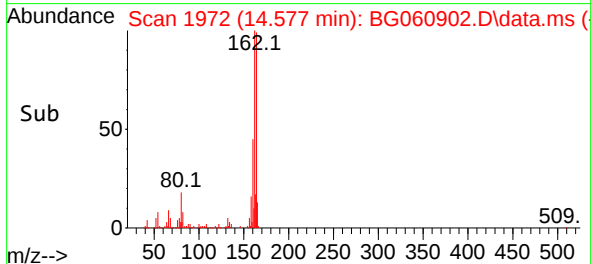
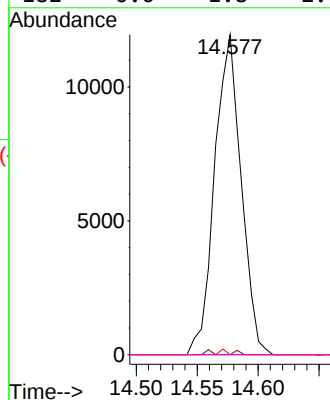
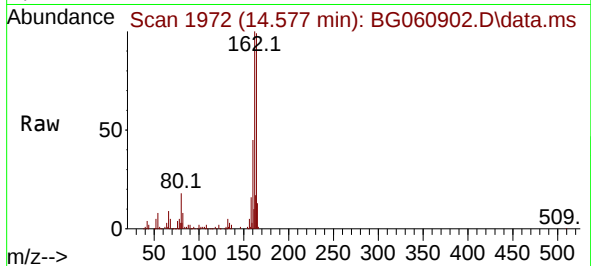




#57
2,4-Dinitrotoluene
Concen: 10.200 ng
RT: 14.577 min Scan# 14
Delta R.T. -0.364 min
Lab File: BG060902.D
Acq: 15 Apr 2024 15:38

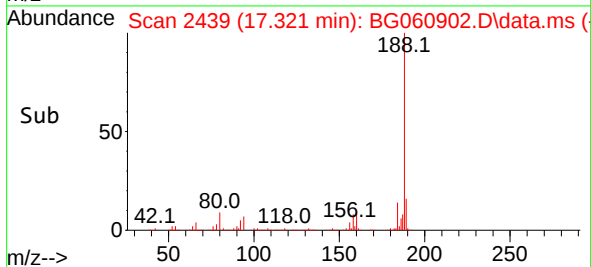
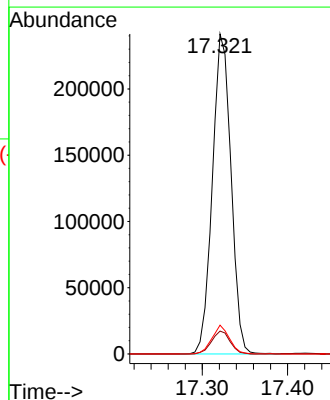
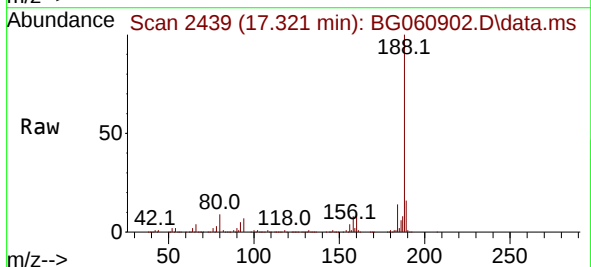
Instrument :
BNA_G
ClientSampleId :
BASEMENT-WELL

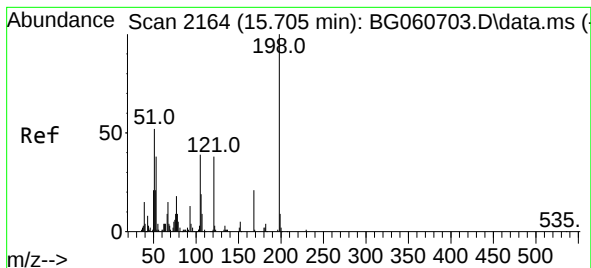
Tgt Ion:165 Resp: 18098
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.0#
89 0.0 61.0 91.6#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.321 min Scan# 2439
Delta R.T. -0.018 min
Lab File: BG060902.D
Acq: 15 Apr 2024 15:38

Tgt Ion:188 Resp: 366462
Ion Ratio Lower Upper
188 100
94 7.1 6.6 9.8
80 9.0 7.6 11.4

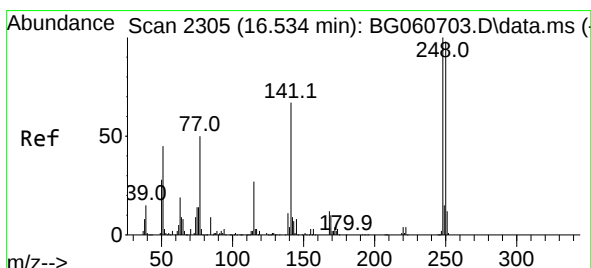
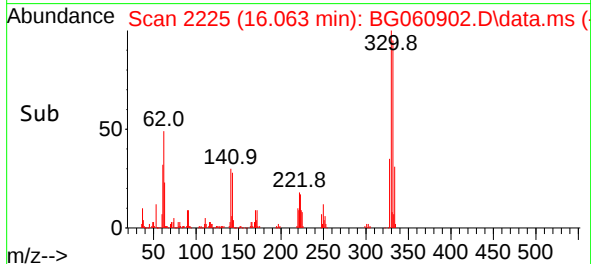
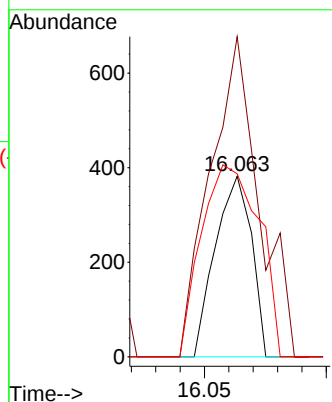
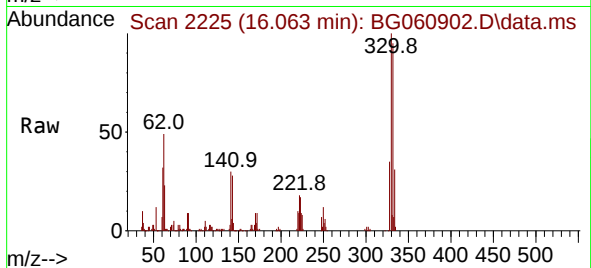




#65
4,6-Dinitro-2-methylphenol
Concen: 7.256 ng
RT: 16.063 min Scan# 2164
Delta R.T. 0.358 min
Lab File: BG060902.D
Acq: 15 Apr 2024 15:38

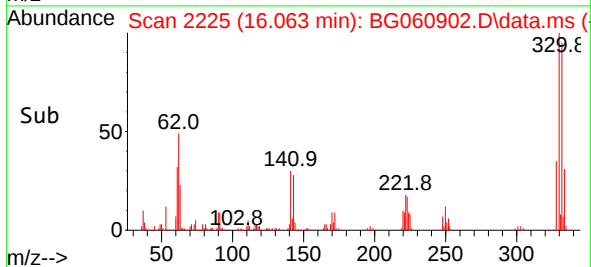
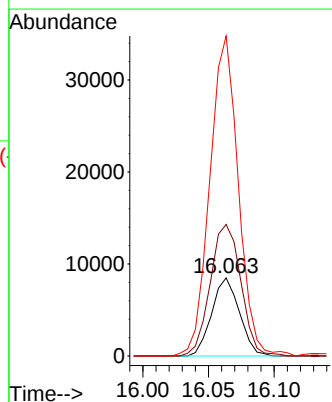
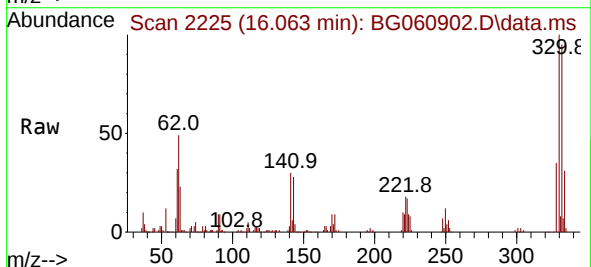
Instrument :
BNA_G
ClientSampleId :
BASEMENT-WELL

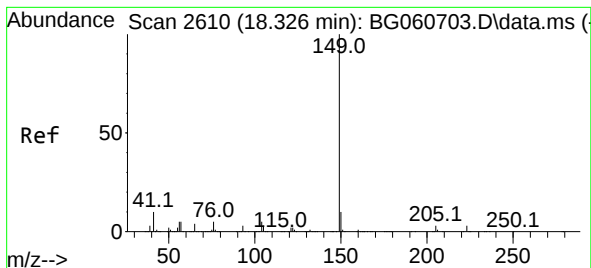
Tgt Ion:198 Resp: 394
Ion Ratio Lower Upper
198 100
51 177.2 36.7 76.7#
105 101.3 19.1 59.1#



#67
4-Bromophenyl-phenylether
Concen: 3.347 ng
RT: 16.063 min Scan# 2225
Delta R.T. -0.471 min
Lab File: BG060902.D
Acq: 15 Apr 2024 15:38

Tgt Ion:248 Resp: 12448
Ion Ratio Lower Upper
248 100
250 168.3 78.3 117.5#
141 409.6 53.7 80.5#





#74

Di-n-butylphthalate

Concen: 2.062 ng

RT: 18.296 min Scan# 2

Delta R.T. -0.030 min

Lab File: BG060902.D

Acq: 15 Apr 2024 15:38

Instrument :

BNA_G

ClientSampleId :

BASEMENT-WELL

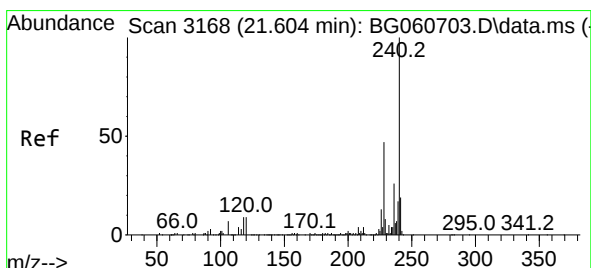
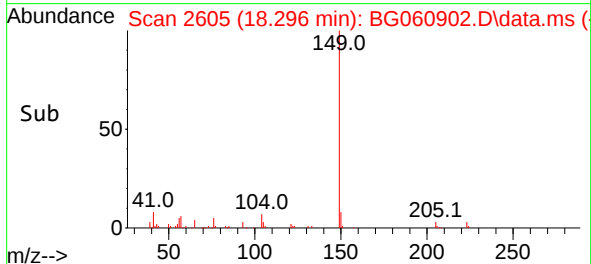
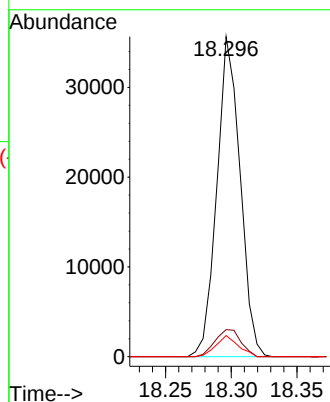
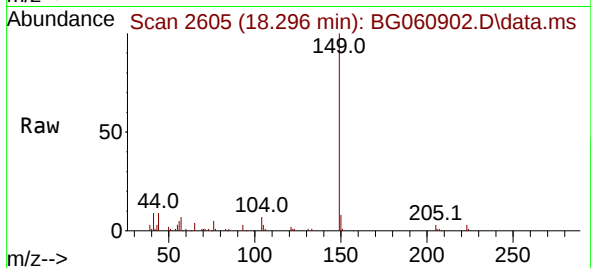
Tgt Ion:149 Resp: 43881

Ion Ratio Lower Upper

149 100

150 8.4 7.7 11.5

104 6.6 4.2 6.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.580 min Scan# 3164

Delta R.T. -0.024 min

Lab File: BG060902.D

Acq: 15 Apr 2024 15:38

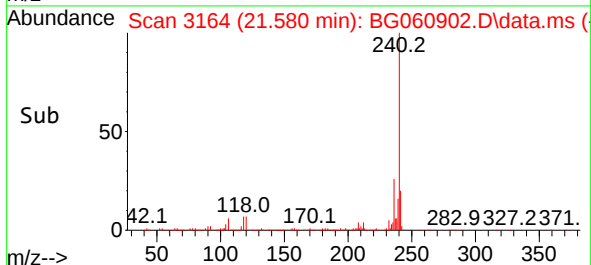
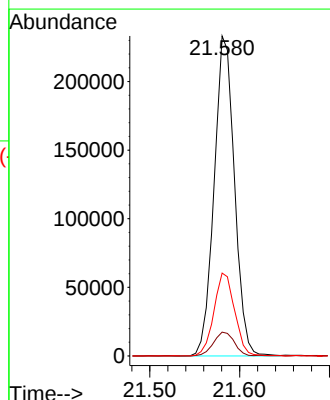
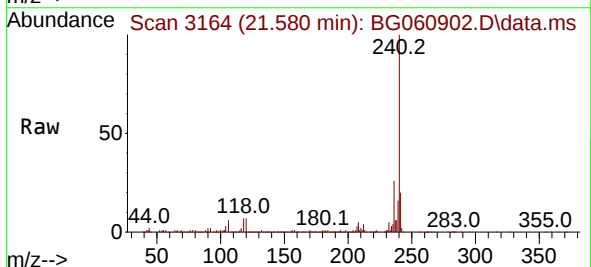
Tgt Ion:240 Resp: 366994

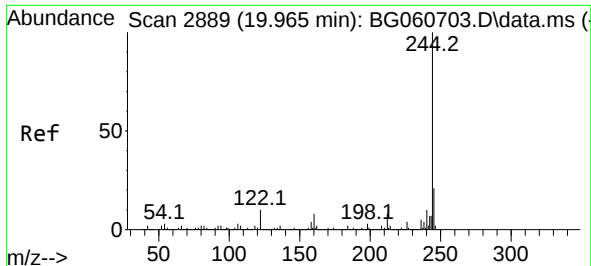
Ion Ratio Lower Upper

240 100

120 7.4 7.1 10.7

236 25.9 20.7 31.1

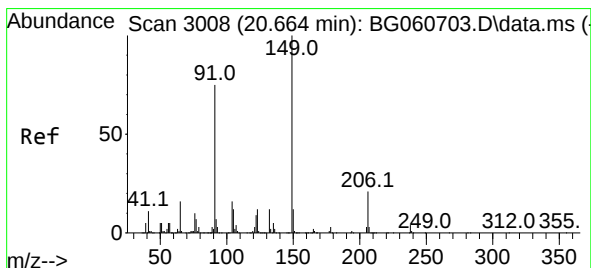
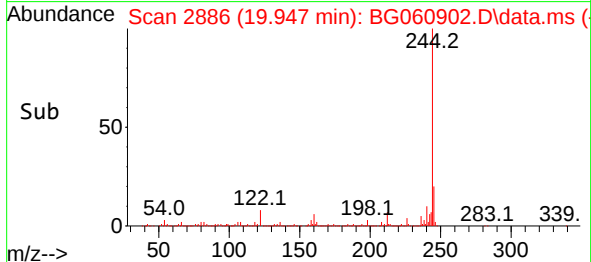
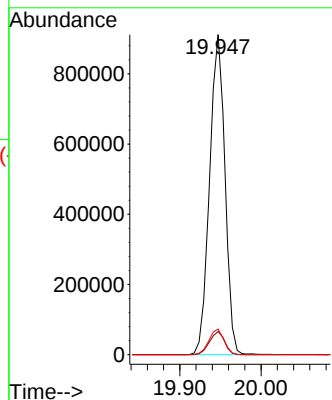
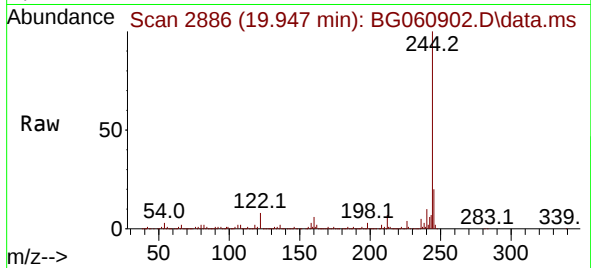




#79
 Terphenyl-d14
 Concen: 57.417 ng
 RT: 19.947 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BG060902.D
 Acq: 15 Apr 2024 15:38

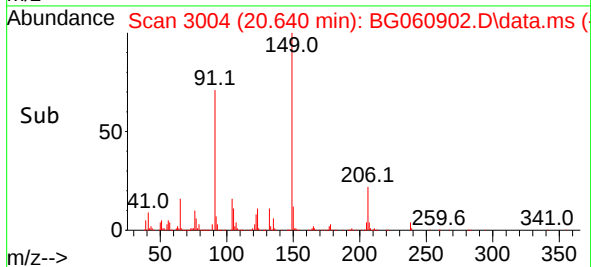
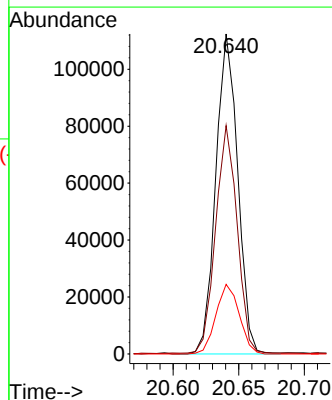
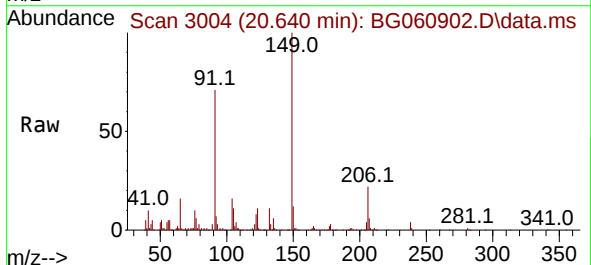
Instrument :
 BNA_G
 ClientSampleId :
 BASEMENT-WELL

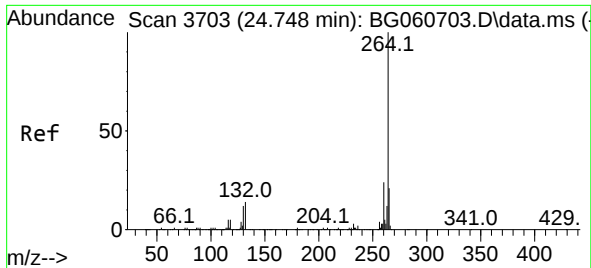
Tgt Ion:244 Resp: 1196683
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 8.0 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 13.933 ng
 RT: 20.640 min Scan# 3004
 Delta R.T. -0.024 min
 Lab File: BG060902.D
 Acq: 15 Apr 2024 15:38

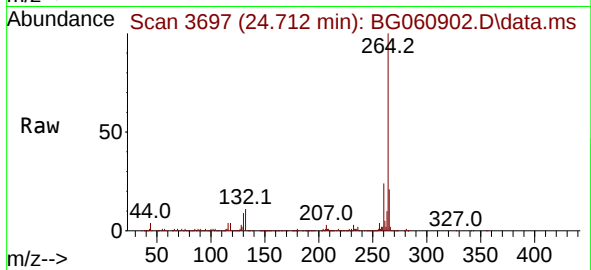
Tgt Ion:149 Resp: 130454
 Ion Ratio Lower Upper
 149 100
 91 71.4 60.1 90.1
 206 21.7 16.8 25.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.712 min Scan# 30
Delta R.T. -0.036 min
Lab File: BG060902.D
Acq: 15 Apr 2024 15:38

Instrument :
BNA_G
ClientSampleId :
BASEMENT-WELL



Tgt Ion:264 Resp: 431493

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	20.9	16.9	25.3

