

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
 Data File : BG060732.D
 Acq On : 2 Apr 2024 2:23
 Operator : MA/JU
 Sample : P1935-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BELL-CONCRETE

Quant Time: Apr 02 05:10:47 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)

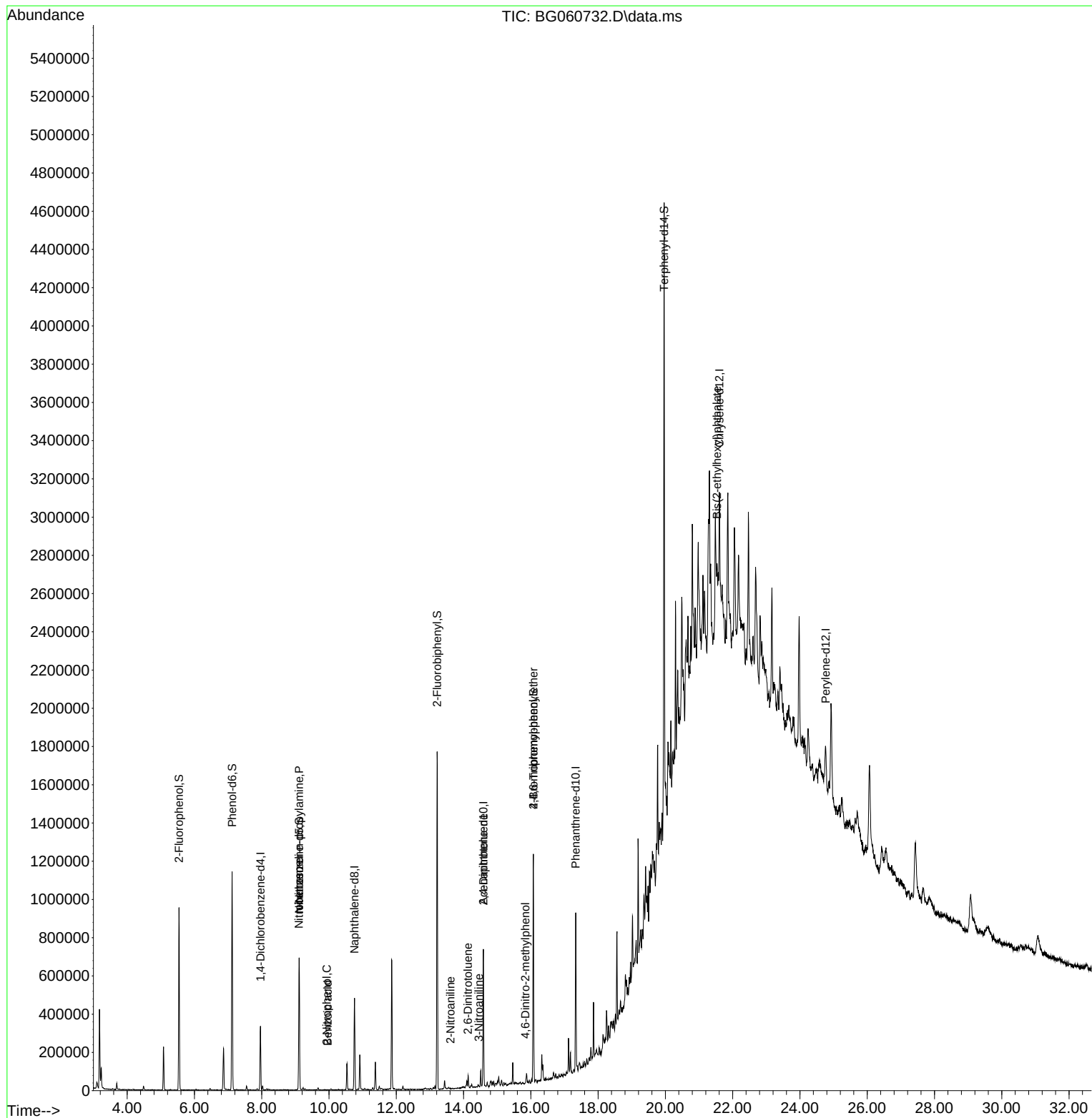
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.961	152	89283	20.000	ng	0.00
21) Naphthalene-d8	10.758	136	381519	20.000	ng	0.00
39) Acenaphthene-d10	14.589	164	252022	20.000	ng	0.00
64) Phenanthrene-d10	17.333	188	529544	20.000	ng	0.00
76) Chrysene-d12	21.604	240	452988	20.000	ng	# 0.00
86) Perylene-d12	24.765	264	401313	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.541	112	373552	69.699	ng	0.00
7) Phenol-d6	7.121	99	583467	73.341	ng	0.00
23) Nitrobenzene-d5	9.113	82	373436	55.853	ng	0.00
42) 2,4,6-Tribromophenol	16.075	330	222768	77.868	ng	0.00
45) 2-Fluorobiphenyl	13.214	172	940206	54.752	ng	0.00
79) Terphenyl-d14	19.965	244	1417422	55.097	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.113	70	51696	8.521	ng	# 77
24) Nitrobenzene	9.107	77	1451	2.956	ng	# 28
26) 2-Nitrophenol	9.936	139	58	2.984	ng	# 31
32) Benzoic acid	9.965	122	68	6.850	ng	# 1
48) 2-Nitroaniline	13.614	65	144	2.825	ng	# 11
51) 2,6-Dinitrotoluene	14.131	165	1276	3.826	ng	# 1
53) 3-Nitroaniline	14.460	138	62	2.866	ng	# 1
57) 2,4-Dinitrotoluene	14.589	165	32039	9.957	ng	# 20
65) 4,6-Dinitro-2-methylph...	15.835	198	76	7.064	ng	# 1
67) 4-Bromophenyl-phenylether	16.075	248	15357	2.858	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.534	149	97803	5.310	ng	# 94

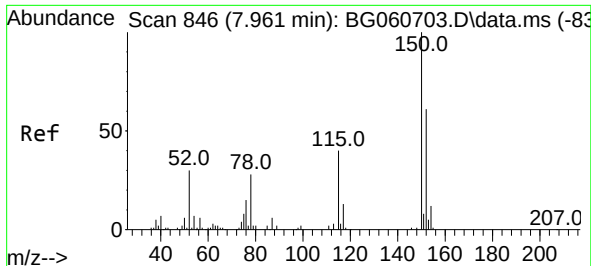
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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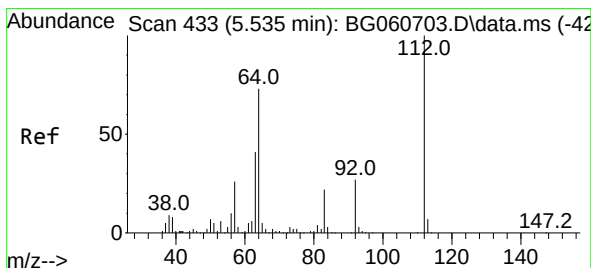
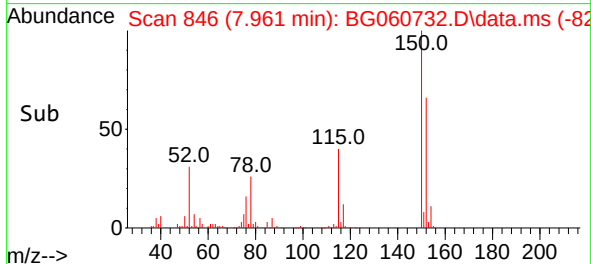
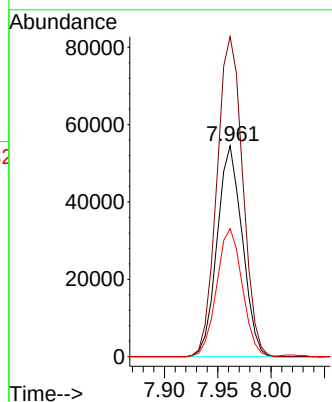
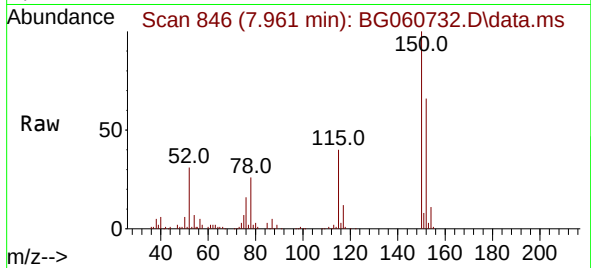




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.961 min Scan# 846
Delta R.T. 0.000 min
Lab File: BG060732.D
Acq: 2 Apr 2024 2:23

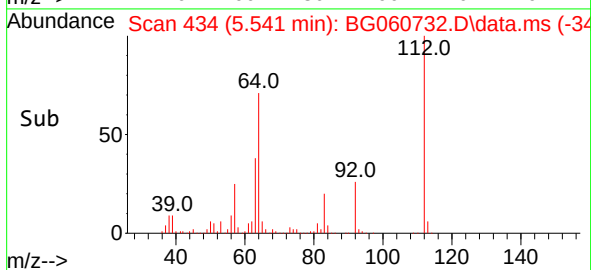
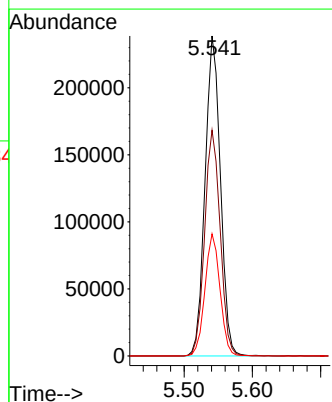
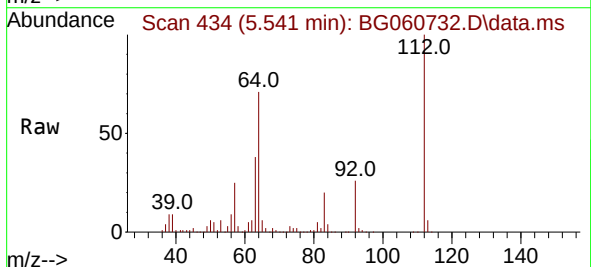
Instrument :
BNA_G
ClientSampleId :
BELL-CONCRETE

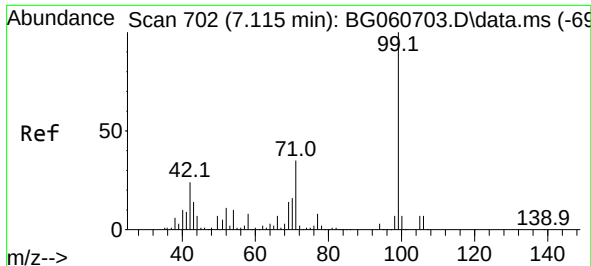
Tgt Ion:152 Resp: 89283
Ion Ratio Lower Upper
152 100
150 151.8 130.2 195.4
115 60.7 51.6 77.4



#5
2-Fluorophenol
Concen: 69.699 ng
RT: 5.541 min Scan# 434
Delta R.T. 0.006 min
Lab File: BG060732.D
Acq: 2 Apr 2024 2:23

Tgt Ion:112 Resp: 373552
Ion Ratio Lower Upper
112 100
64 70.5 58.4 87.6
63 38.1 32.7 49.1

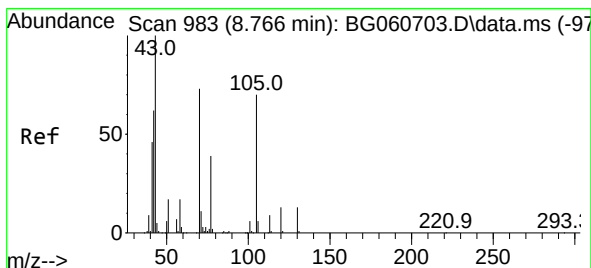
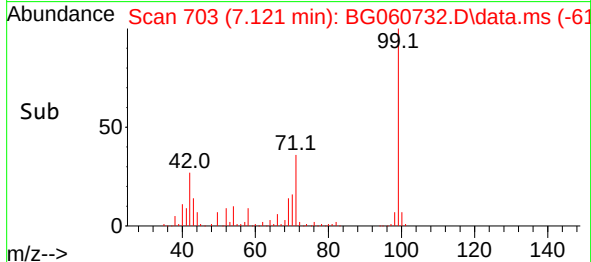
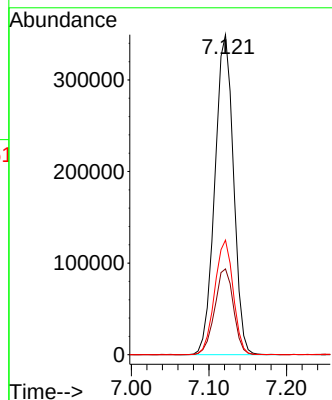
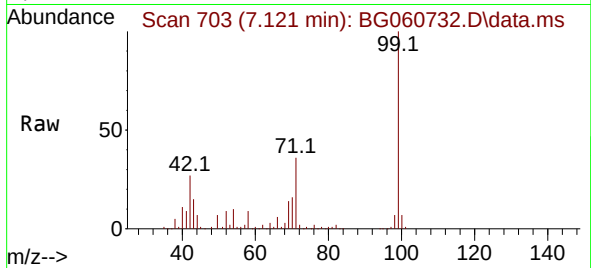




#7
Phenol-d6
Concen: 73.341 ng
RT: 7.121 min Scan# 70
Delta R.T. 0.006 min
Lab File: BG060732.D
Acq: 2 Apr 2024 2:23

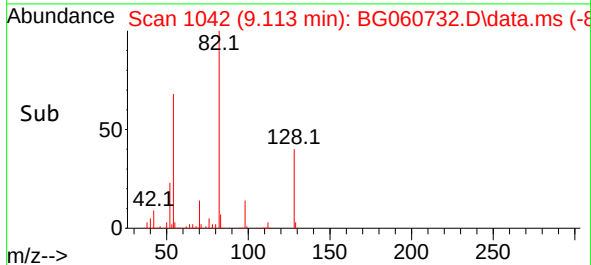
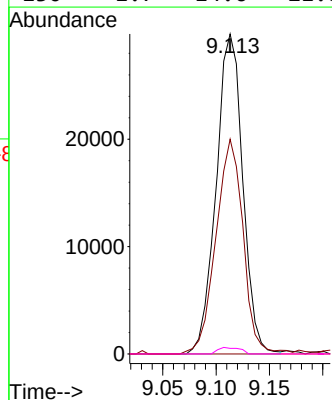
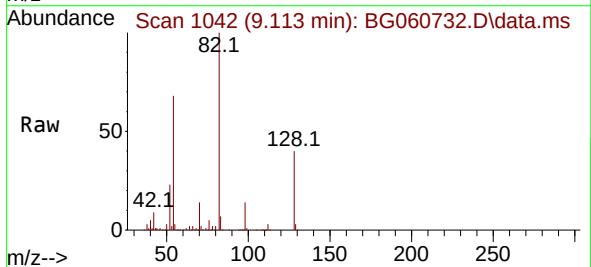
Instrument :
BNA_G
ClientSampleId :
BELL-CONCRETE

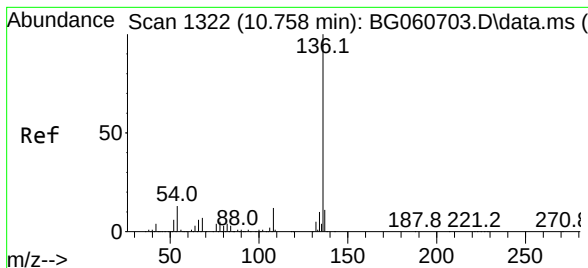
Tgt Ion: 99 Resp: 583467
Ion Ratio Lower Upper
99 100
42 26.8 19.4 29.2
71 35.8 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 8.521 ng
RT: 9.113 min Scan# 1042
Delta R.T. 0.347 min
Lab File: BG060732.D
Acq: 2 Apr 2024 2:23

Tgt Ion: 70 Resp: 51696
Ion Ratio Lower Upper
70 100
42 67.1 68.4 102.6#
101 0.0 6.1 9.1#
130 1.7 14.6 21.8#

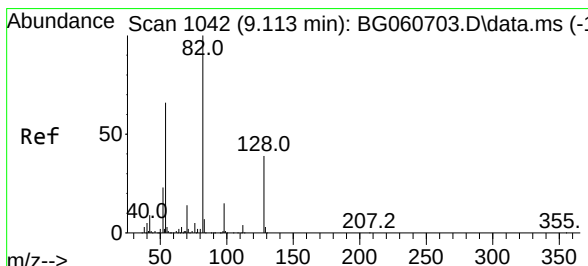
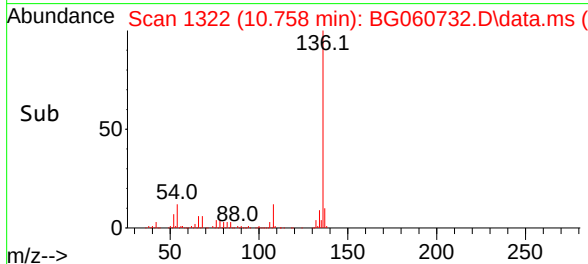
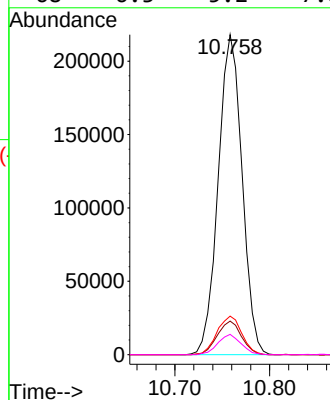
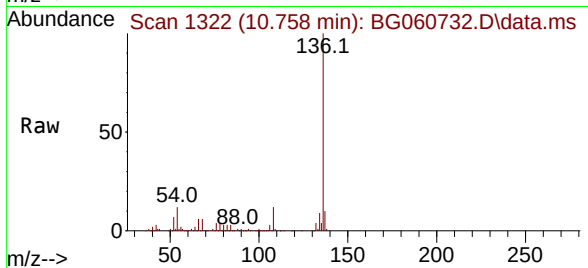




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.758 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BG060732.D
Acq: 2 Apr 2024 2:23

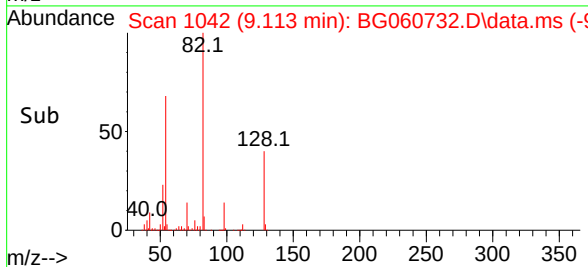
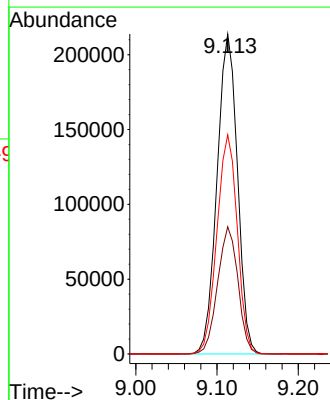
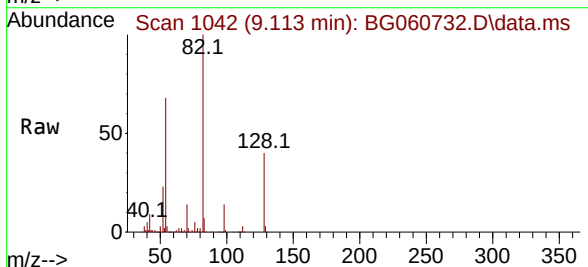
Instrument :
BNA_G
ClientSampleId :
BELL-CONCRETE

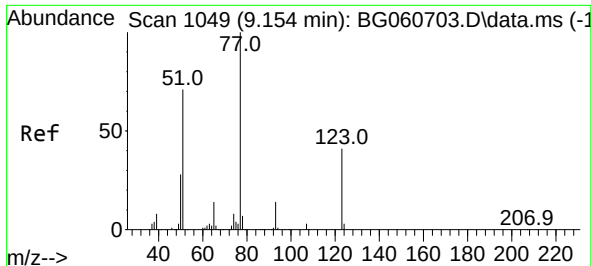
Tgt Ion:	136	Resp:	381519
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	12.1	10.2	15.2
68	6.3	5.2	7.8



#23
Nitrobenzene-d5
Concen: 55.853 ng
RT: 9.113 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BG060732.D
Acq: 2 Apr 2024 2:23

Tgt Ion:	82	Resp:	373436
Ion	Ratio	Lower	Upper
82	100		
128	39.8	31.2	46.8
54	68.5	53.2	79.8

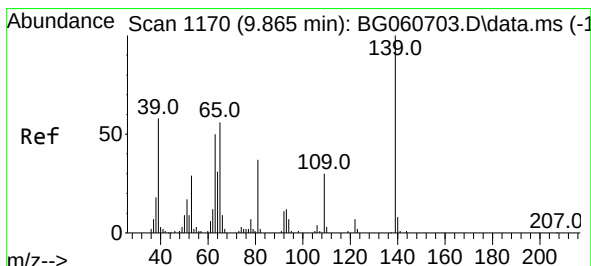
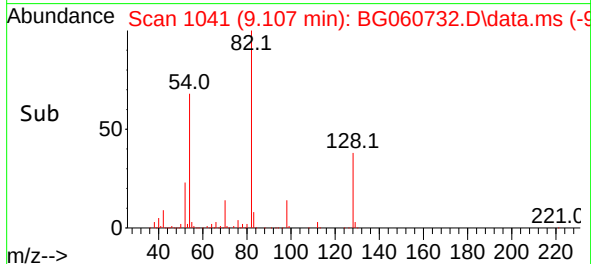
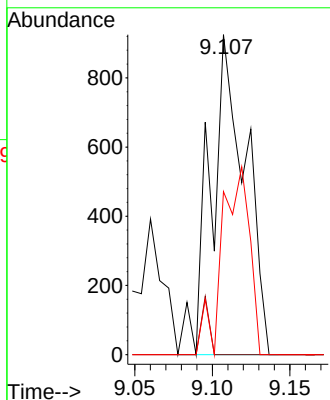
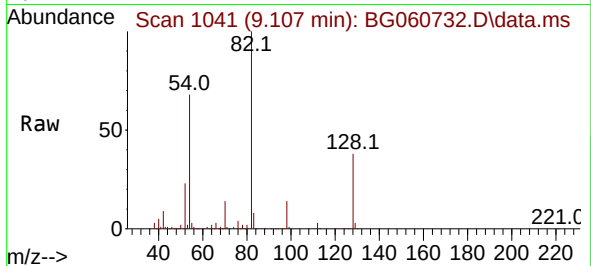




#24
Nitrobenzene
Concen: 2.956 ng
RT: 9.107 min Scan# 1182
Delta R.T. -0.047 min
Lab File: BG060732.D
Acq: 2 Apr 2024 2:23

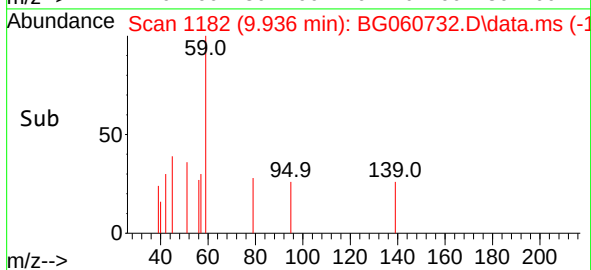
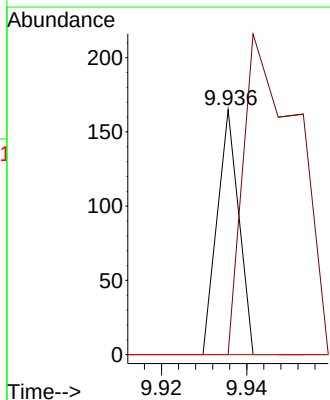
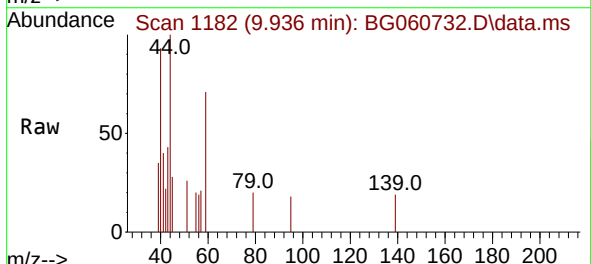
Instrument :
BNA_G
ClientSampleId :
BELL-CONCRETE

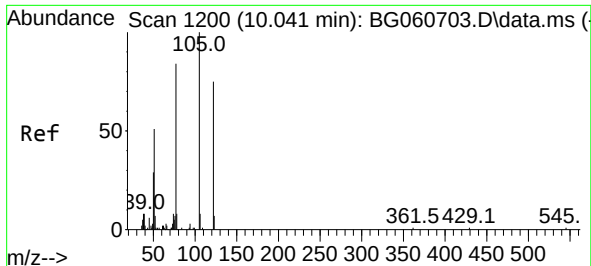
Tgt Ion: 77 Resp: 1451
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 50.9 11.3 16.9#



#26
2-Nitrophenol
Concen: 2.984 ng
RT: 9.936 min Scan# 1182
Delta R.T. 0.071 min
Lab File: BG060732.D
Acq: 2 Apr 2024 2:23

Tgt Ion: 139 Resp: 58
Ion Ratio Lower Upper
139 100
109 0.0 23.9 35.9#
65 0.0 44.5 66.7#

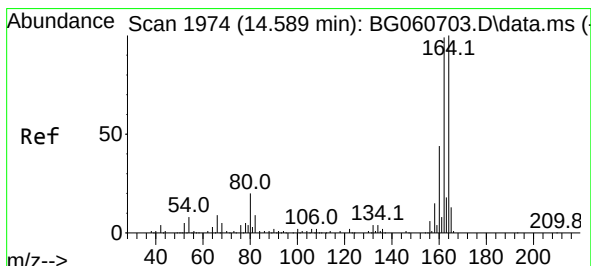
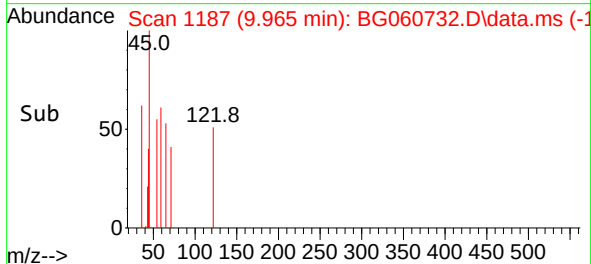
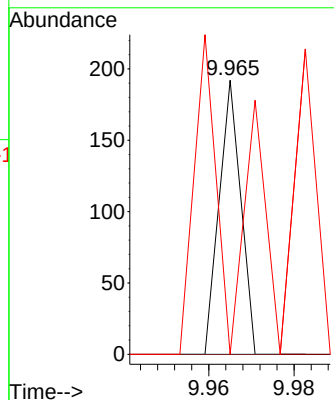
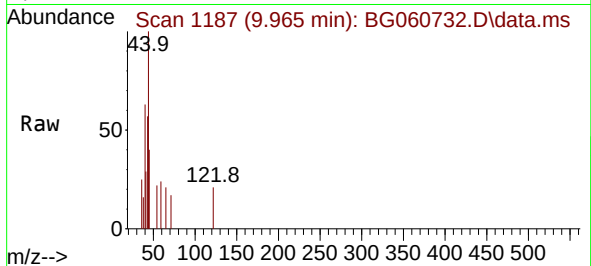




#32
Benzoic acid
Concen: 6.850 ng
RT: 9.965 min Scan# 11
Delta R.T. -0.076 min
Lab File: BG060732.D
Acq: 2 Apr 2024 2:23

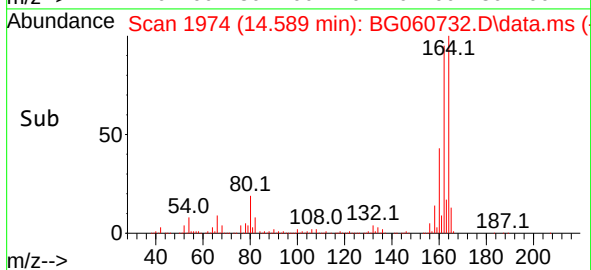
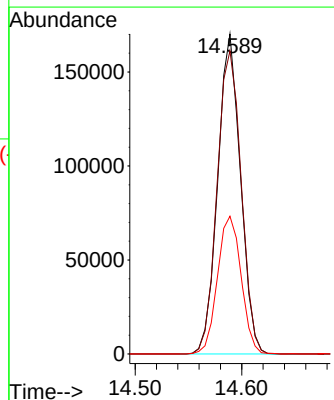
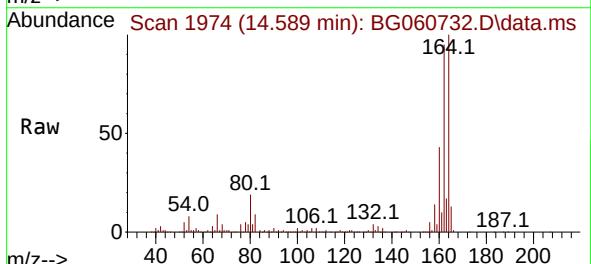
Instrument :
BNA_G
ClientSampleId :
BELL-CONCRETE

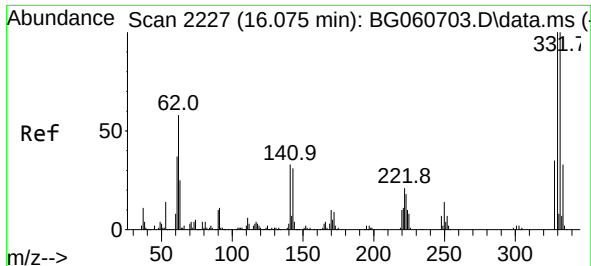
Tgt Ion:122 Resp: 68
Ion Ratio Lower Upper
122 100
105 0.0 104.5 144.5#
77 0.0 85.3 125.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.589 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BG060732.D
Acq: 2 Apr 2024 2:23

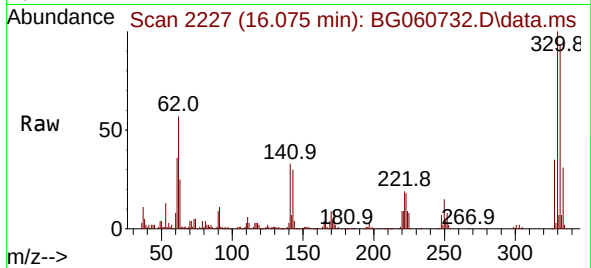
Tgt Ion:164 Resp: 252022
Ion Ratio Lower Upper
164 100
162 94.8 79.5 119.3
160 43.0 35.4 53.0



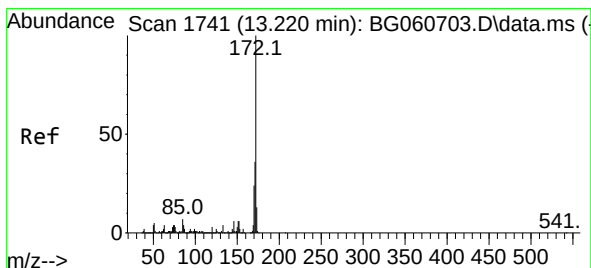
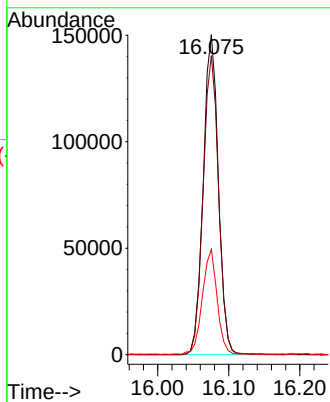
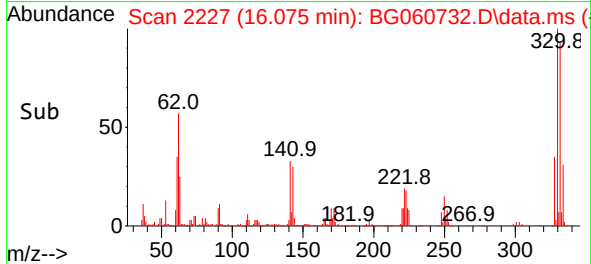


#42
2,4,6-Tribromophenol
Concen: 77.868 ng
RT: 16.075 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG060732.D
Acq: 2 Apr 2024 2:23

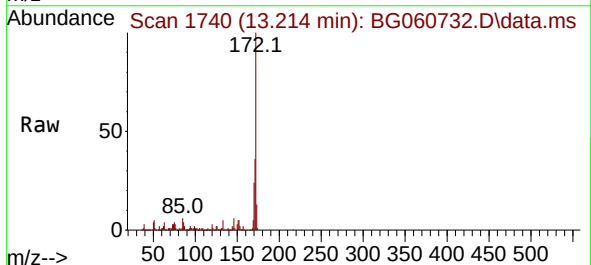
Instrument :
BNA_G
ClientSampleId :
BELL-CONCRETE



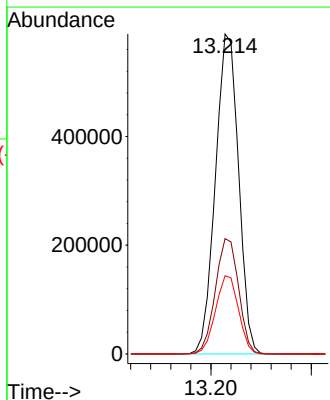
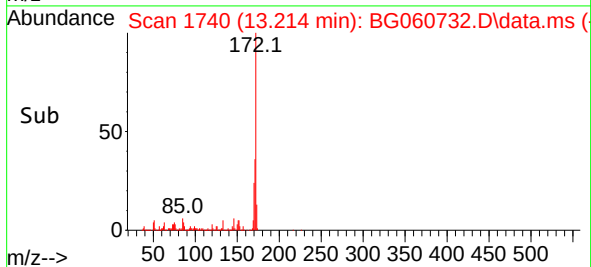
Tgt Ion:330 Resp: 222768
Ion Ratio Lower Upper
330 100
332 94.9 78.2 117.4
141 31.8 27.0 40.6

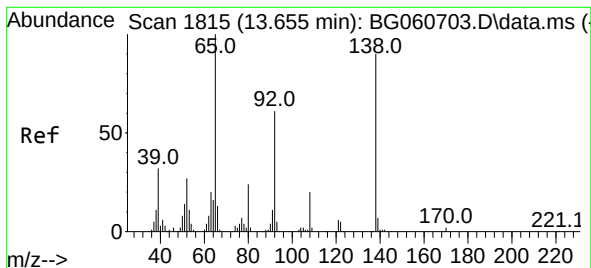


#45
2-Fluorobiphenyl
Concen: 54.752 ng
RT: 13.214 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BG060732.D
Acq: 2 Apr 2024 2:23



Tgt Ion:172 Resp: 940206
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 24.4 19.4 29.0





#48

2-Nitroaniline

Concen: 2.825 ng

RT: 13.614 min Scan# 1808

Delta R.T. -0.041 min

Lab File: BG060732.D

Acq: 2 Apr 2024 2:23

Instrument :

BNA_G

ClientSampleId :

BELL-CONCRETE

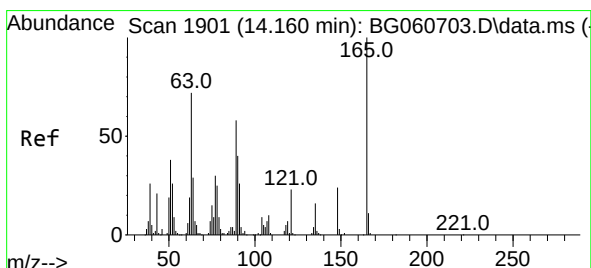
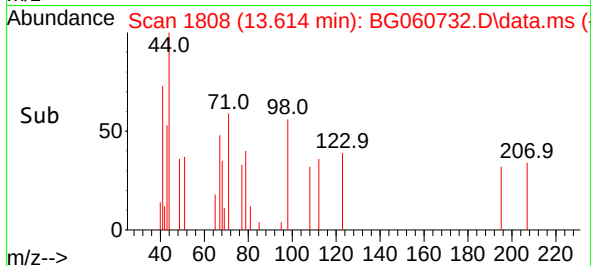
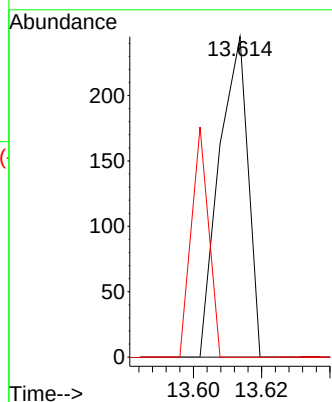
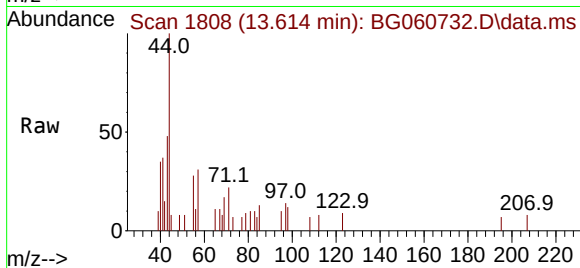
Tgt Ion: 65 Resp: 144

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: 3.826 ng

RT: 14.131 min Scan# 1896

Delta R.T. -0.029 min

Lab File: BG060732.D

Acq: 2 Apr 2024 2:23

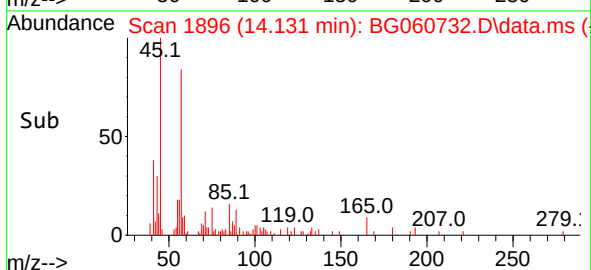
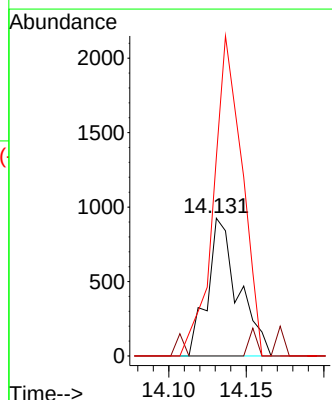
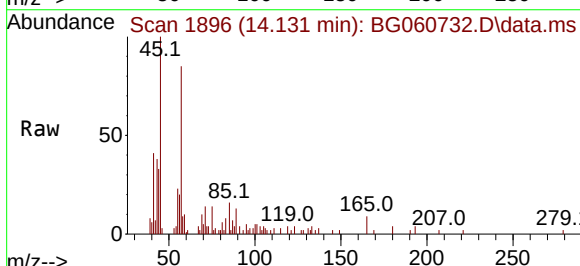
Tgt Ion: 165 Resp: 1276

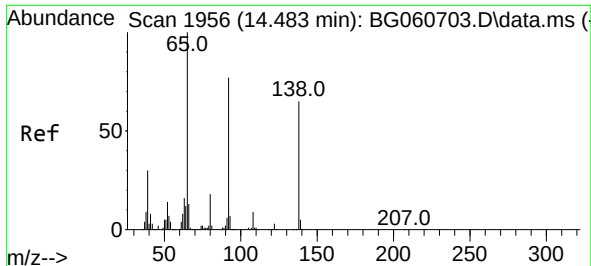
Ion Ratio Lower Upper

165 100

63 0.0 58.2 87.4#

89 144.3 46.1 69.1#

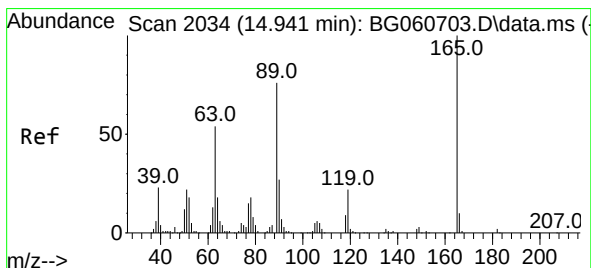
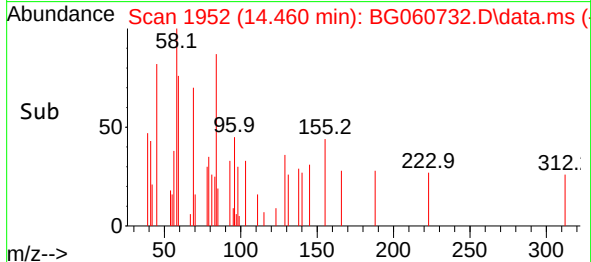
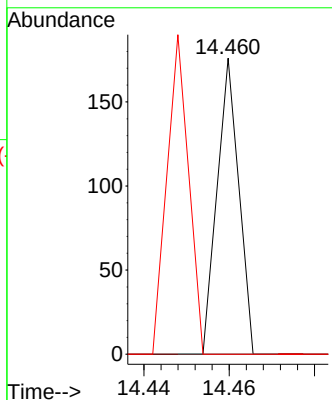
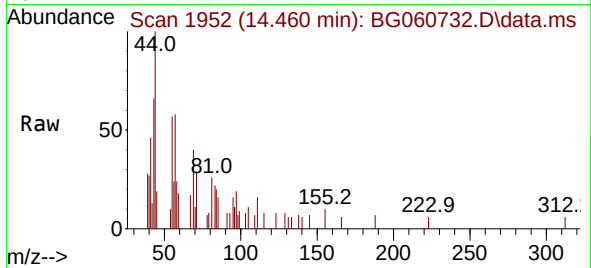




#53
3-Nitroaniline
Concen: 2.866 ng
RT: 14.460 min Scan# 1956
Delta R.T. -0.023 min
Lab File: BG060732.D
Acq: 2 Apr 2024 2:23

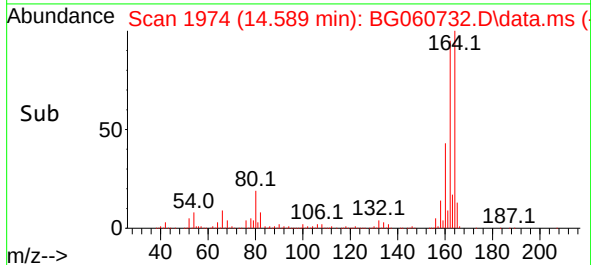
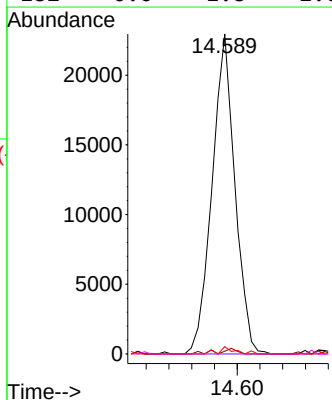
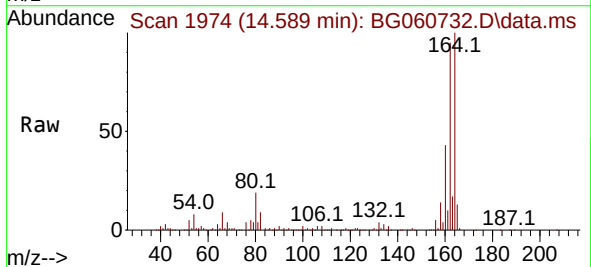
Instrument :
BNA_G
ClientSampleId :
BELL-CONCRETE

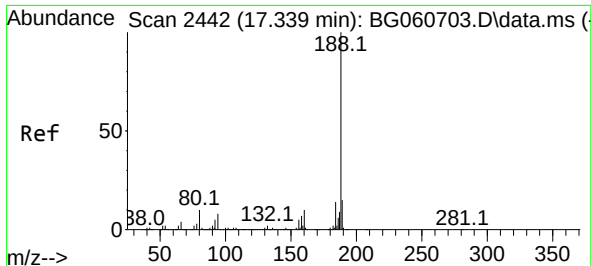
Tgt Ion:138 Resp: 62
Ion Ratio Lower Upper
138 100
108 0.0 11.3 16.9#
92 0.0 94.1 141.1#



#57
2,4-Dinitrotoluene
Concen: 9.957 ng
RT: 14.589 min Scan# 1974
Delta R.T. -0.352 min
Lab File: BG060732.D
Acq: 2 Apr 2024 2:23

Tgt Ion:165 Resp: 32039
Ion Ratio Lower Upper
165 100
63 0.8 43.4 65.0#
89 2.3 61.0 91.6#
182 0.0 1.8 2.6#

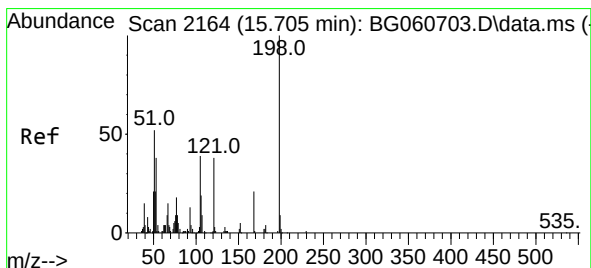
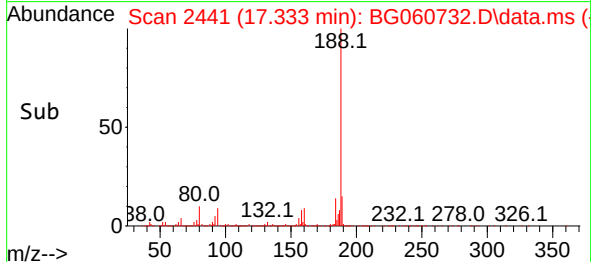
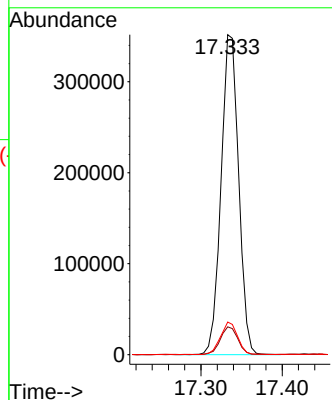
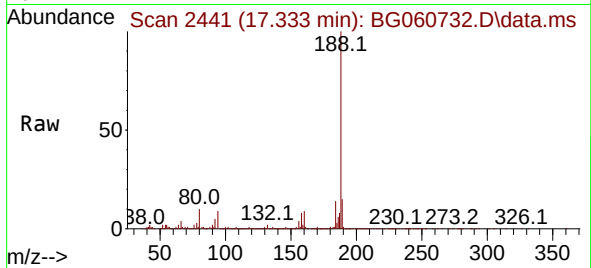




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.333 min Scan# 2442
Delta R.T. -0.006 min
Lab File: BG060732.D
Acq: 2 Apr 2024 2:23

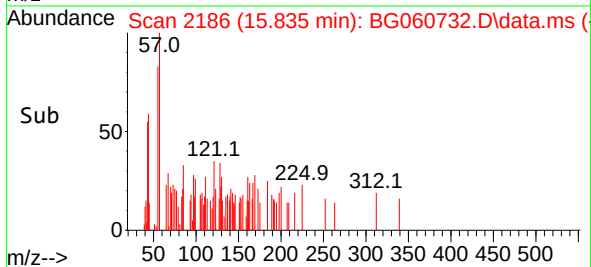
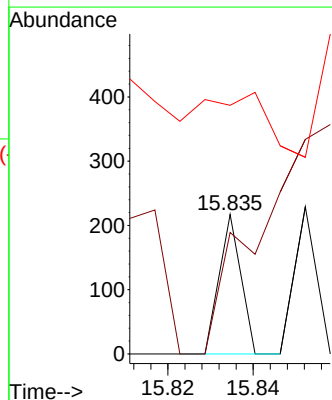
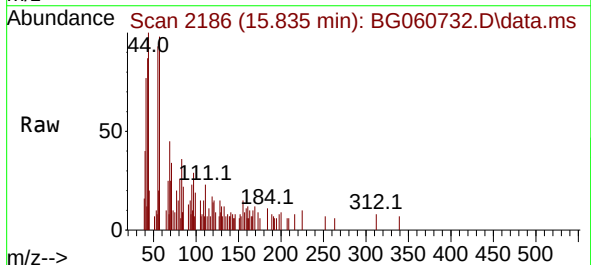
Instrument :
BNA_G
ClientSampleId :
BELL-CONCRETE

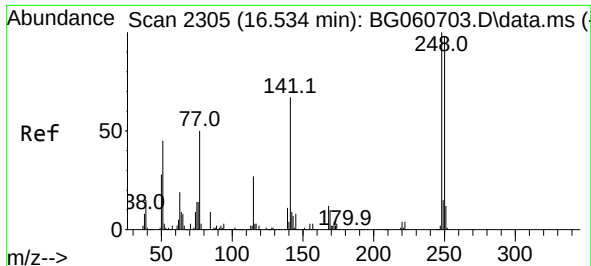
Tgt Ion:188 Resp: 529544
Ion Ratio Lower Upper
188 100
94 8.7 6.6 9.8
80 10.2 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 7.064 ng
RT: 15.835 min Scan# 2186
Delta R.T. 0.130 min
Lab File: BG060732.D
Acq: 2 Apr 2024 2:23

Tgt Ion:198 Resp: 76
Ion Ratio Lower Upper
198 100
51 87.1 36.7 76.7#
105 178.3 19.1 59.1#

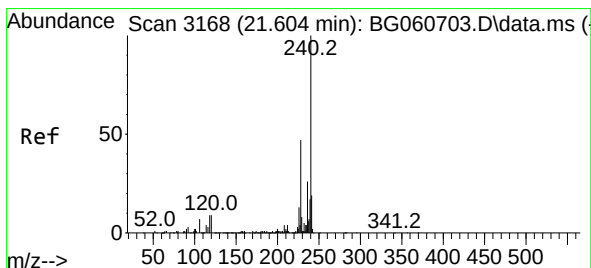
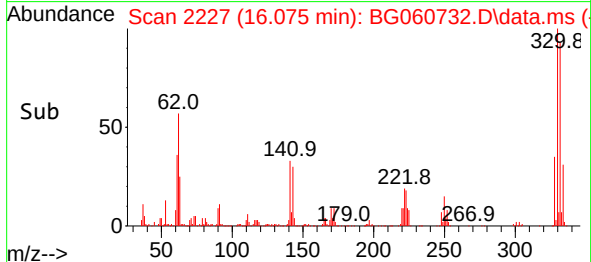
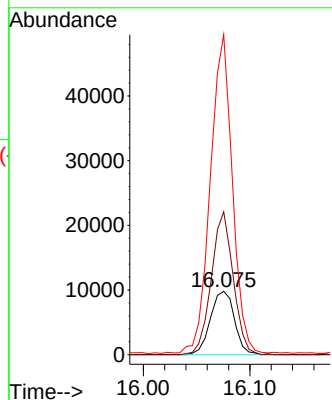
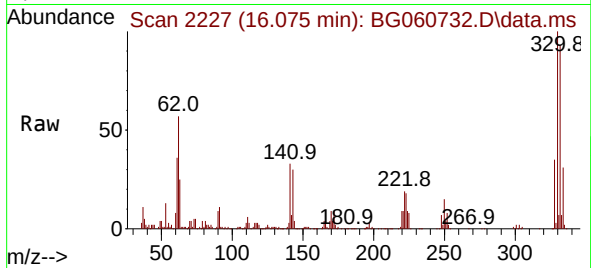




#67
4-Bromophenyl-phenylether
Concen: 2.858 ng
RT: 16.075 min Scan# 21
Delta R.T. -0.459 min
Lab File: BG060732.D
Acq: 2 Apr 2024 2:23

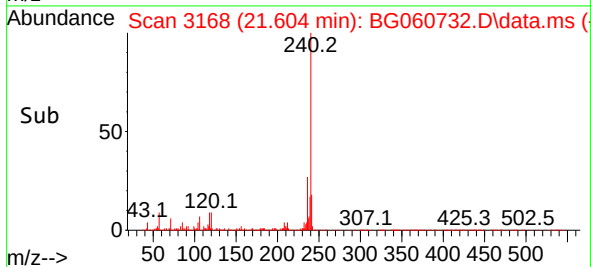
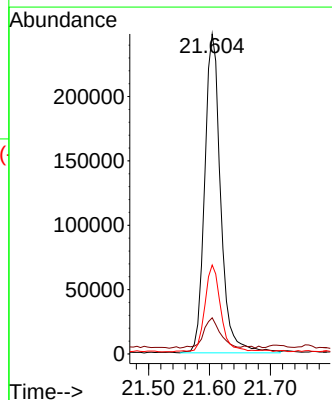
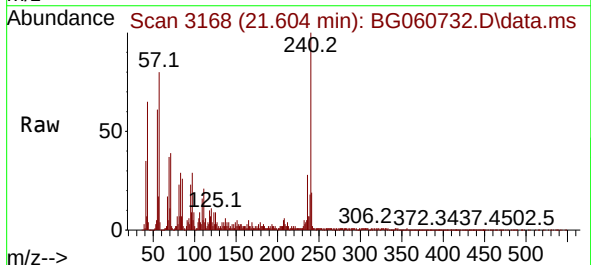
Instrument :
BNA_G
ClientSampleId :
BELL-CONCRETE

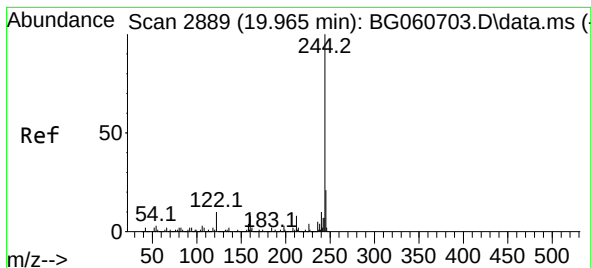
Tgt Ion:248 Resp: 15357
Ion Ratio Lower Upper
248 100
250 225.5 78.3 117.5#
141 505.1 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.604 min Scan# 3168
Delta R.T. 0.000 min
Lab File: BG060732.D
Acq: 2 Apr 2024 2:23

Tgt Ion:240 Resp: 452988
Ion Ratio Lower Upper
240 100
120 11.3 7.1 10.7#
236 27.8 20.7 31.1





#79

Terphenyl-d14

Concen: 55.097 ng

RT: 19.965 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG060732.D

Acq: 2 Apr 2024 2:23

Instrument :

BNA_G

ClientSampleId :

BELL-CONCRETE

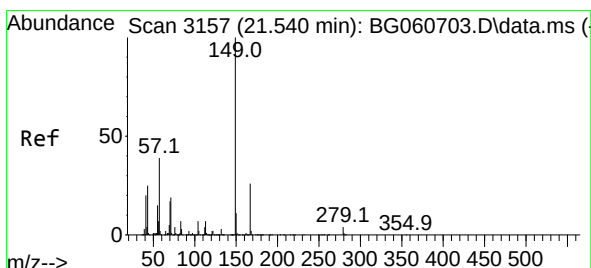
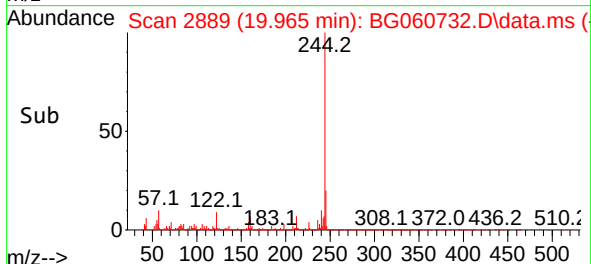
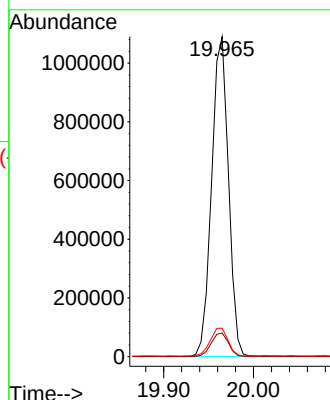
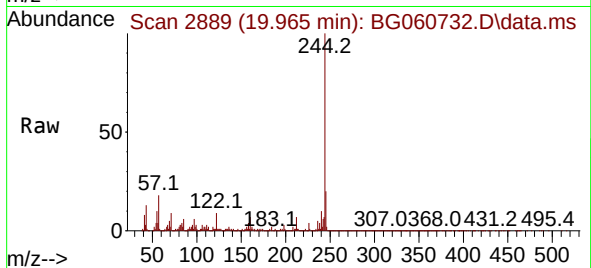
Tgt Ion:244 Resp: 1417422

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

122 8.9 7.8 11.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.310 ng

RT: 21.534 min Scan# 3156

Delta R.T. -0.006 min

Lab File: BG060732.D

Acq: 2 Apr 2024 2:23

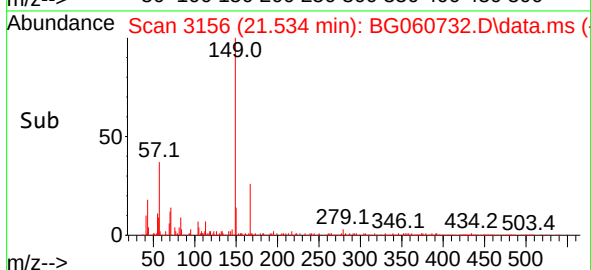
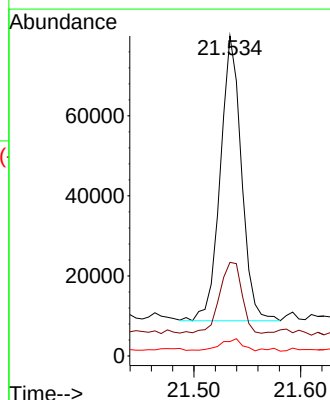
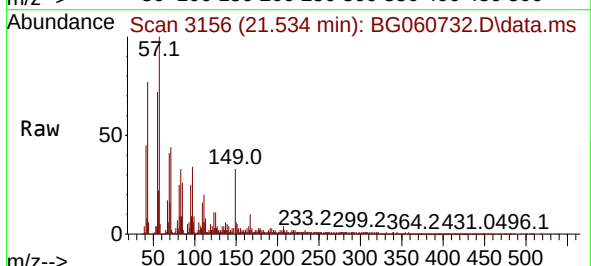
Tgt Ion:149 Resp: 97803

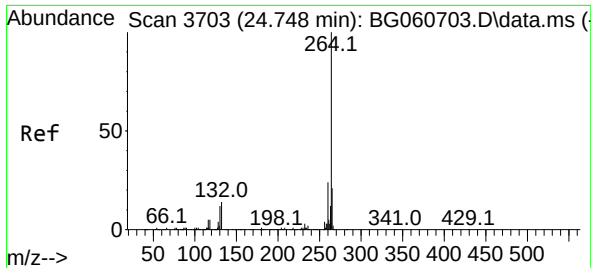
Ion Ratio Lower Upper

149 100

167 29.3 20.6 30.8

279 4.5 3.0 4.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.765 min Scan# 31
 Delta R.T. 0.018 min
 Lab File: BG060732.D
 Acq: 2 Apr 2024 2:23

Instrument :
 BNA_G
 ClientSampleId :
 BELL-CONCRETE

Tgt Ion:264 Resp: 401313
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.5 29.3
 265 20.7 16.9 25.3

