

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
 Data File : BG060656.D
 Acq On : 15 Mar 2024 3:22
 Operator : MA/JU
 Sample : P1746-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 15 04:56:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 00:45:22 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

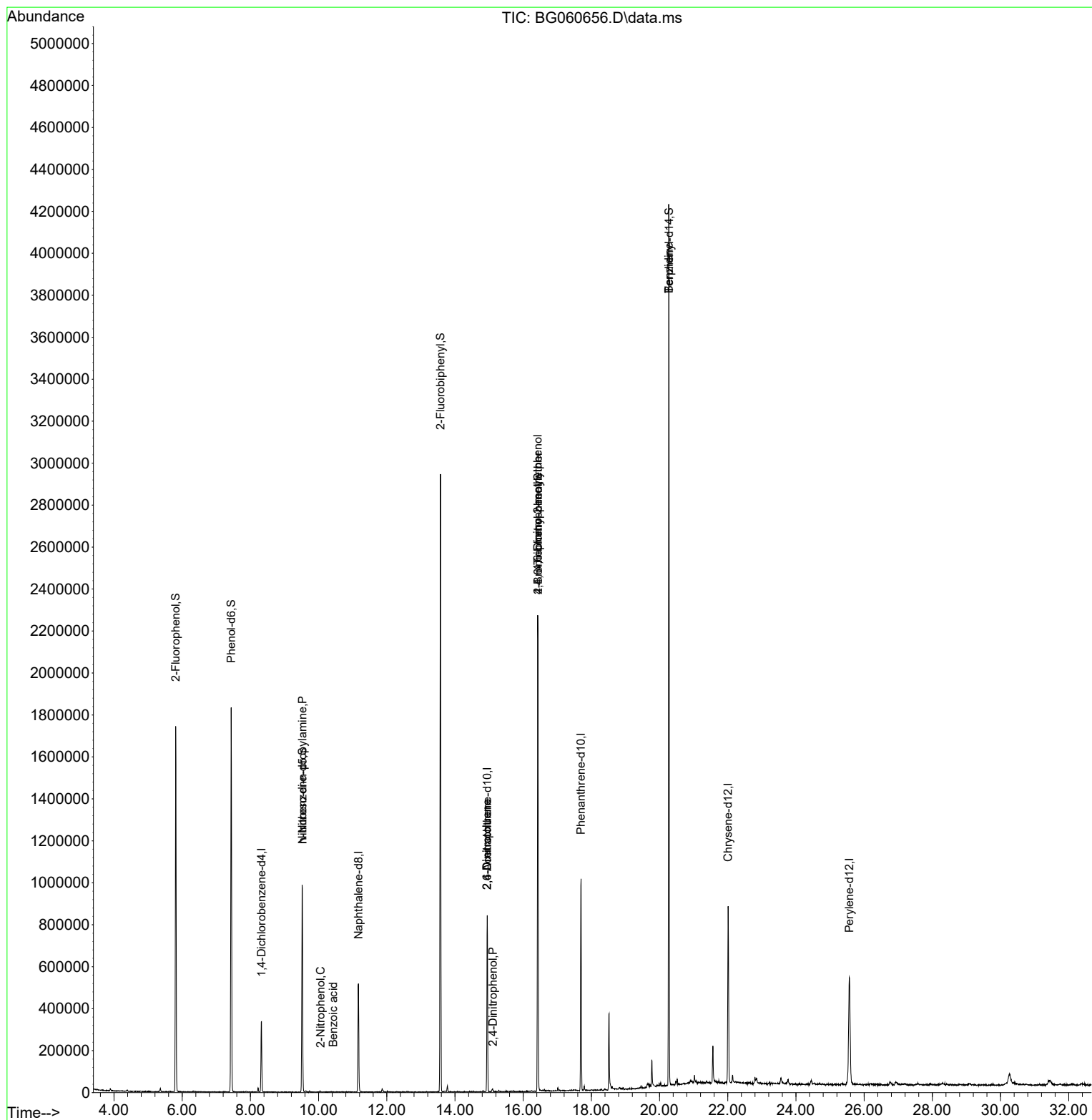
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.325	152	94740	20.000	ng	0.00
21) Naphthalene-d8	11.169	136	429327	20.000	ng	0.00
39) Acenaphthene-d10	14.947	164	299450	20.000	ng	0.00
64) Phenanthrene-d10	17.697	188	623143	20.000	ng	0.00
76) Chrysene-d12	22.009	240	545357	20.000	ng	-0.02
86) Perylene-d12	25.564	264	618403	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.811	112	711762	118.100	ng	0.00
7) Phenol-d6	7.438	99	1023173	117.035	ng	0.00
23) Nitrobenzene-d5	9.524	82	585299	70.951	ng	0.00
42) 2,4,6-Tribromophenol	16.433	330	435994	125.646	ng	0.00
45) 2-Fluorobiphenyl	13.572	172	1481958	66.912	ng	0.00
79) Terphenyl-d14	20.276	244	2067701	68.532	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.524	70	75910	12.526	ng	# 73
26) 2-Nitrophenol	10.059	139	66	2.255	ng	# 23
32) Benzoic acid	10.429	122	56	6.031	ng	# 1
51) 2,6-Dinitrotoluene	14.941	165	39020	9.429	ng	# 18
54) 2,4-Dinitrophenol	15.117	184	71	6.875	ng	# 46
57) 2,4-Dinitrotoluene	14.941	165	39020	7.495	ng	# 16
65) 4,6-Dinitro-2-methylph...	16.428	198	1398	5.261	ng	# 1
67) 4-Bromophenyl-phenylether	16.433	248	28698	4.271	ng	# 1
77) Benzidine	20.270	184	32185	2.413	ng	# 92

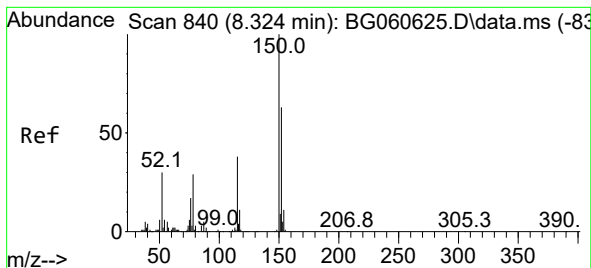
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 00:45:22 2024
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.325 min Scan# 840

Delta R.T. 0.001 min

Lab File: BG060656.D

Acq: 15 Mar 2024 3:22

Instrument :

BNA_G

ClientSampleId :

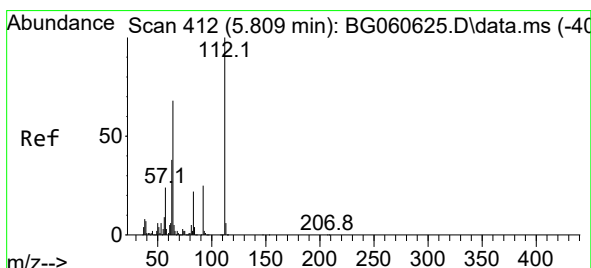
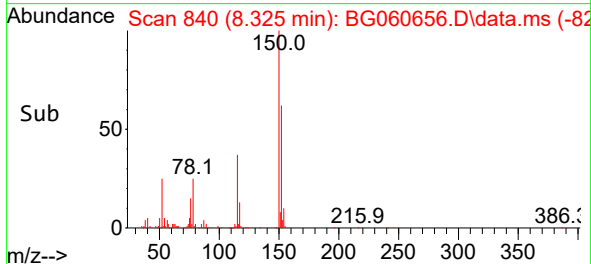
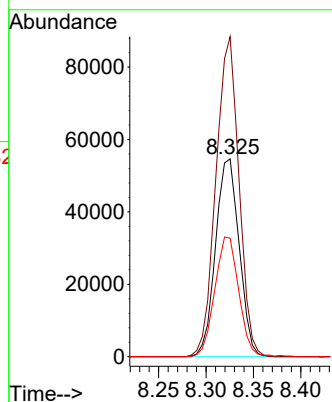
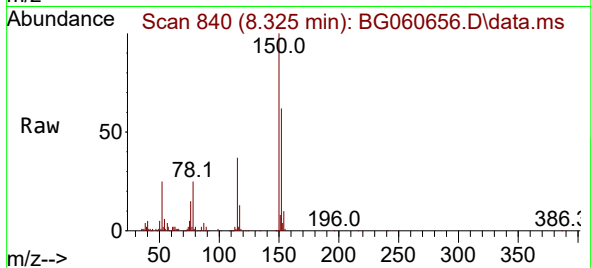
Tgt Ion:152 Resp: 94740

Ion Ratio Lower Upper

152 100

150 161.9 126.6 190.0

115 60.0 47.8 71.8



#5

2-Fluorophenol

Concen: 118.100 ng

RT: 5.811 min Scan# 412

Delta R.T. 0.001 min

Lab File: BG060656.D

Acq: 15 Mar 2024 3:22

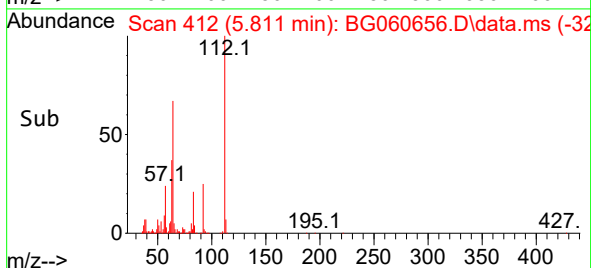
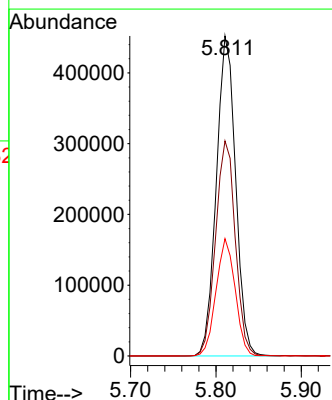
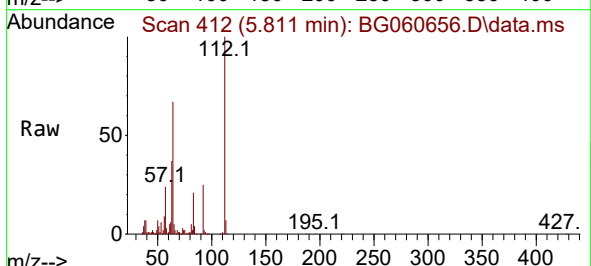
Tgt Ion:112 Resp: 711762

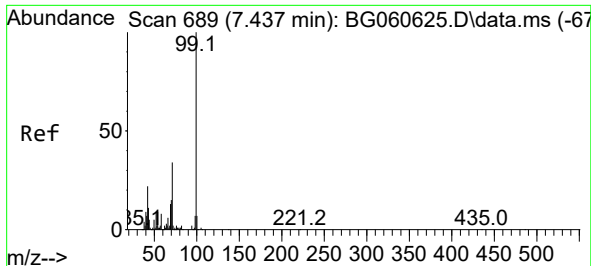
Ion Ratio Lower Upper

112 100

64 67.2 54.1 81.1

63 36.6 30.3 45.5

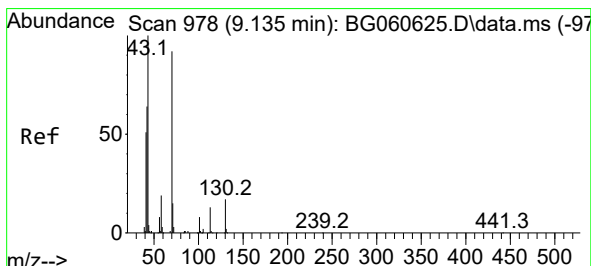
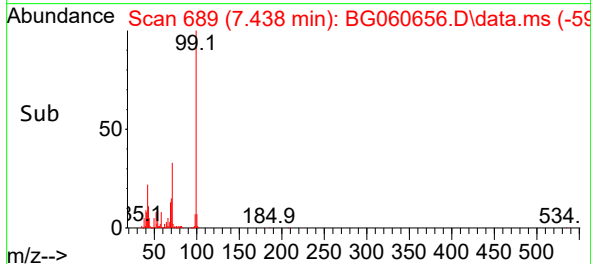
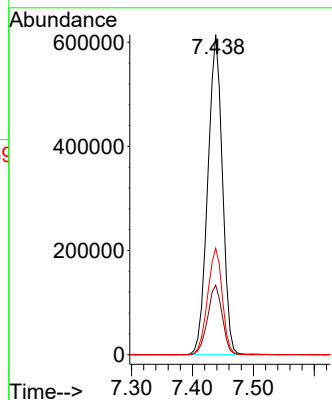
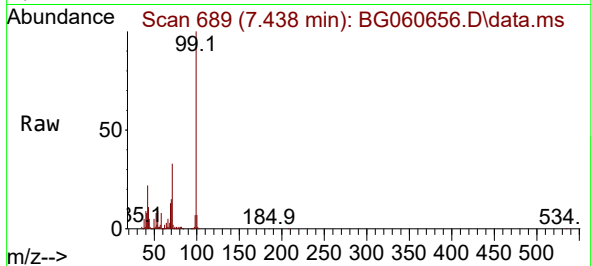




#7
Phenol-d6
Concen: 117.035 ng
RT: 7.438 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG060656.D
Acq: 15 Mar 2024 3:22

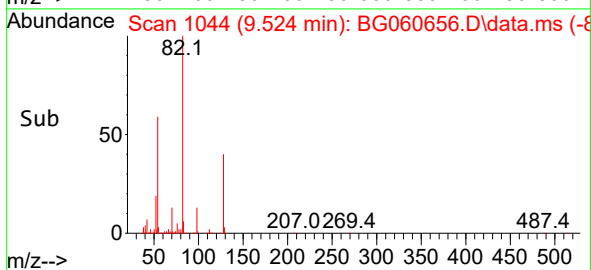
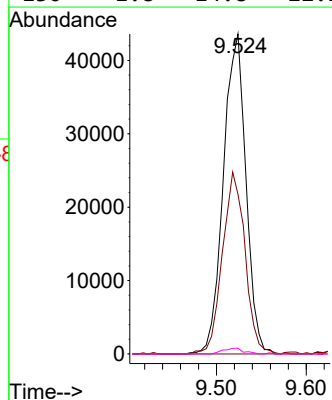
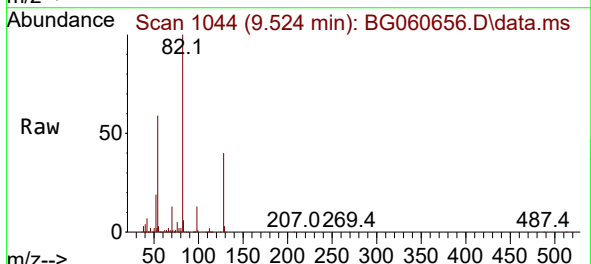
Instrument :
BNA_G
ClientSampleId :

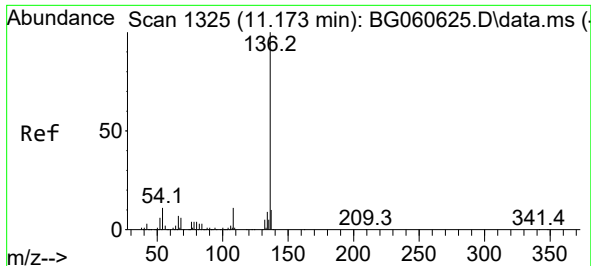
Tgt Ion: 99 Resp: 1023173
Ion Ratio Lower Upper
99 100
42 21.7 17.5 26.3
71 33.2 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.526 ng
RT: 9.524 min Scan# 1044
Delta R.T. 0.389 min
Lab File: BG060656.D
Acq: 15 Mar 2024 3:22

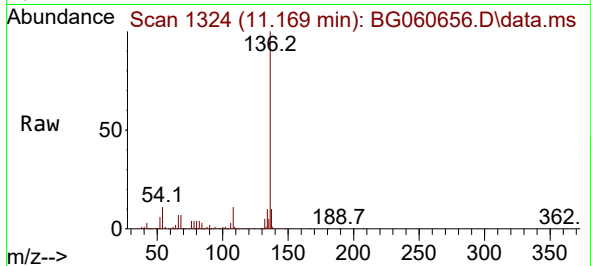
Tgt Ion: 70 Resp: 75910
Ion Ratio Lower Upper
70 100
42 49.9 56.2 84.2#
101 0.0 7.4 11.0#
130 1.8 14.8 22.2#



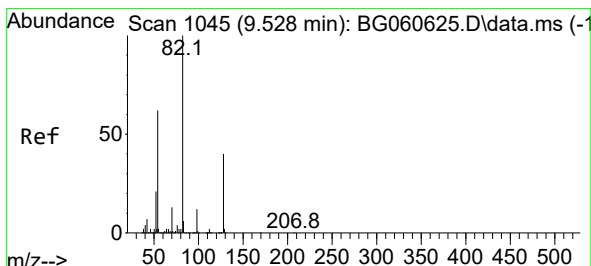
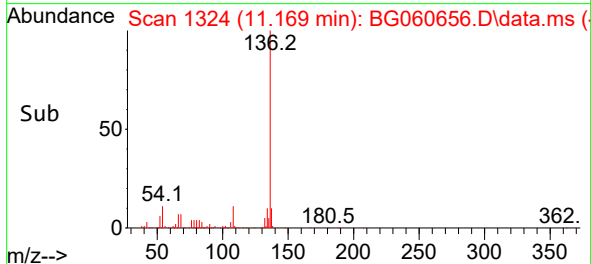
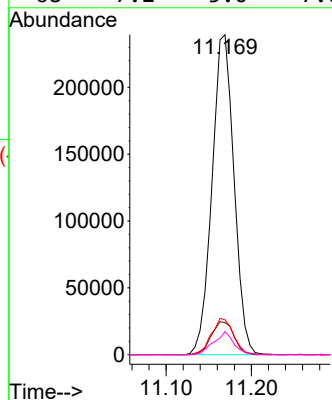


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.169 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG060656.D
Acq: 15 Mar 2024 3:22

Instrument :
BNA_G
ClientSampleId :

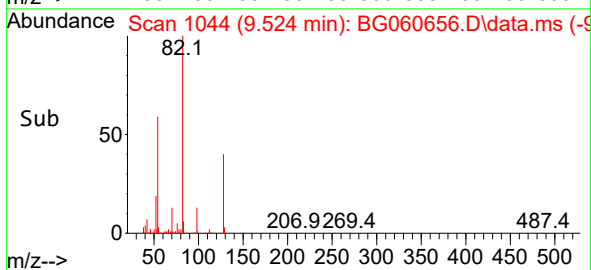
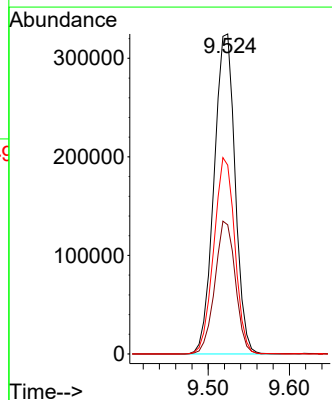
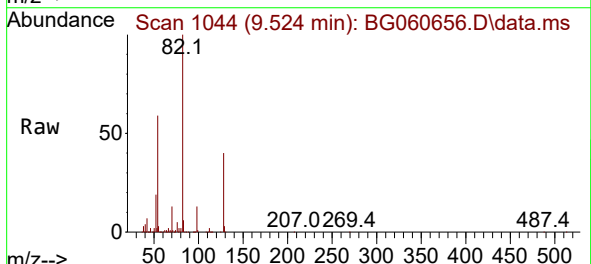


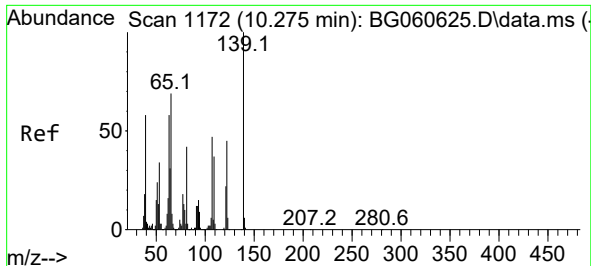
Tgt Ion:136 Resp: 429327
Ion Ratio Lower Upper
136 100
137 10.0 8.4 12.6
54 10.9 8.5 12.7
68 7.2 5.0 7.6



#23
Nitrobenzene-d5
Concen: 70.951 ng
RT: 9.524 min Scan# 1044
Delta R.T. -0.004 min
Lab File: BG060656.D
Acq: 15 Mar 2024 3:22

Tgt Ion: 82 Resp: 585299
Ion Ratio Lower Upper
82 100
128 40.4 31.6 47.4
54 59.0 49.3 73.9

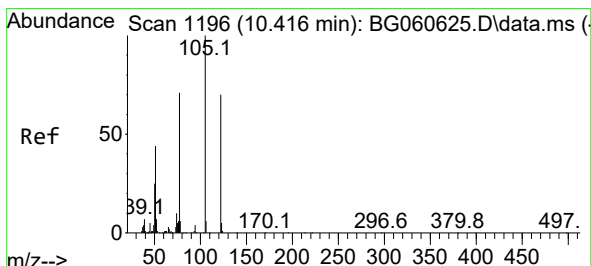
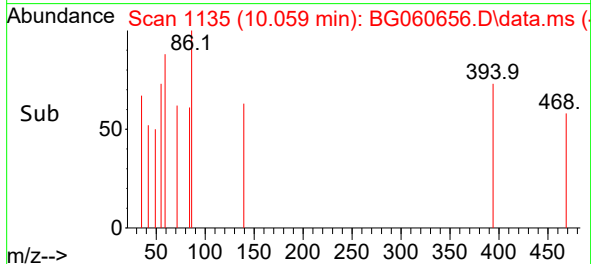
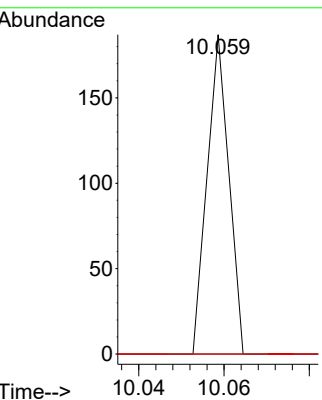
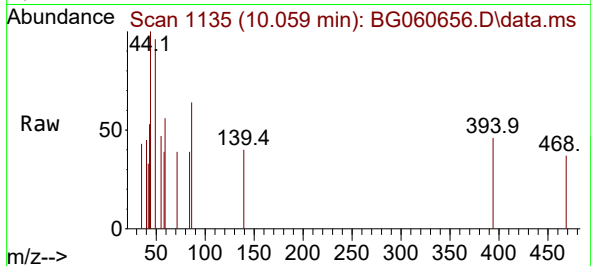




#26
2-Nitrophenol
Concen: 2.255 ng
RT: 10.059 min Scan# 1172
Delta R.T. -0.216 min
Lab File: BG060656.D
Acq: 15 Mar 2024 3:22

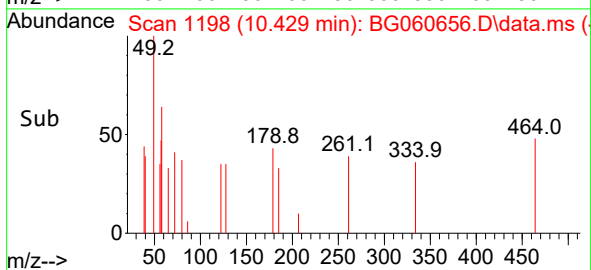
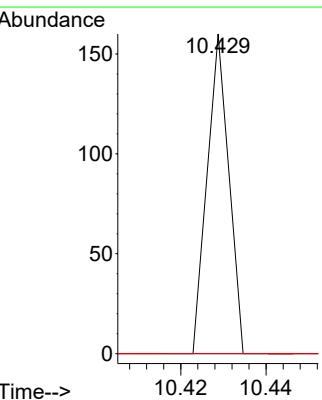
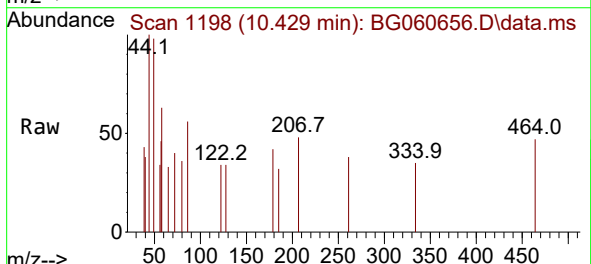
Instrument :
BNA_G
ClientSampleId :

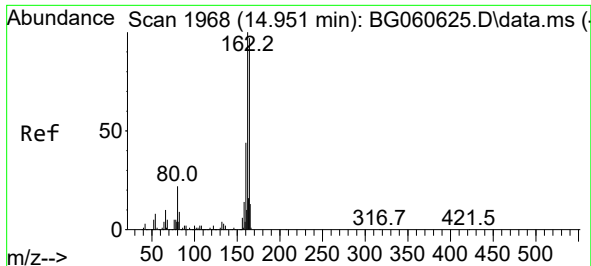
Tgt Ion:139 Resp: 66
Ion Ratio Lower Upper
139 100
109 0.0 29.5 44.3#
65 0.0 55.0 82.4#



#32
Benzoic acid
Concen: 6.031 ng
RT: 10.429 min Scan# 1198
Delta R.T. 0.013 min
Lab File: BG060656.D
Acq: 15 Mar 2024 3:22

Tgt Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 0.0 115.0 155.0#
77 0.0 79.0 119.0#

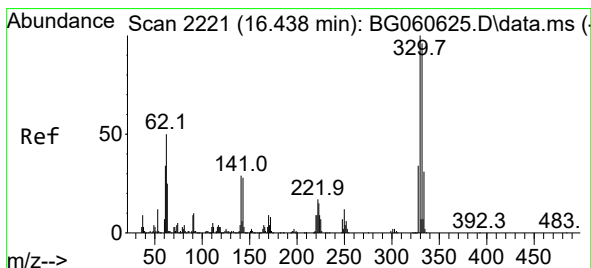
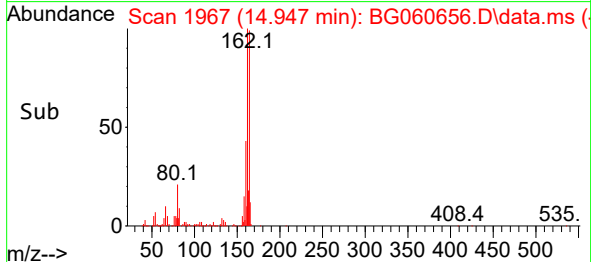
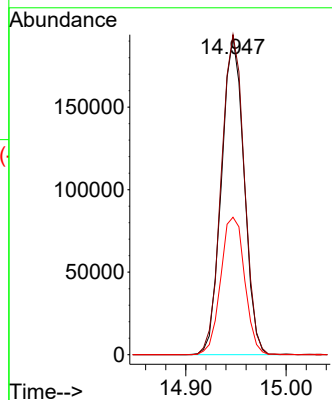
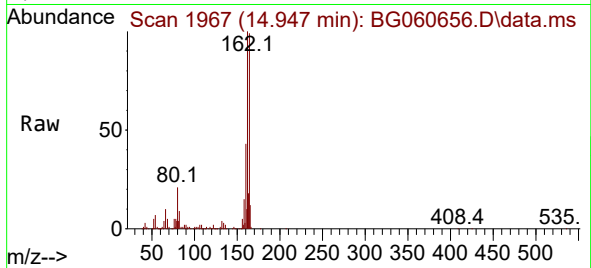




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.947 min Scan# 1967
Delta R.T. -0.004 min
Lab File: BG060656.D
Acq: 15 Mar 2024 3:22

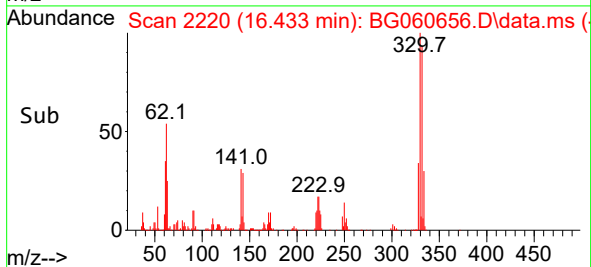
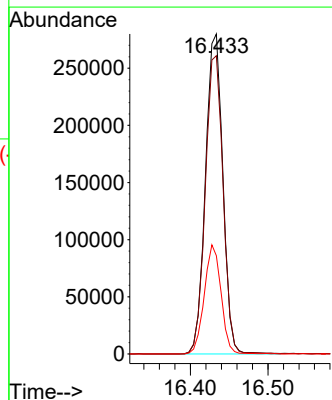
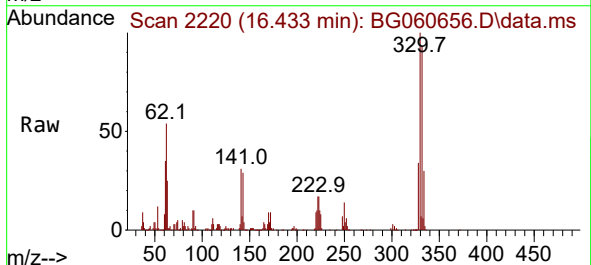
Instrument :
BNA_G
ClientSampleId :

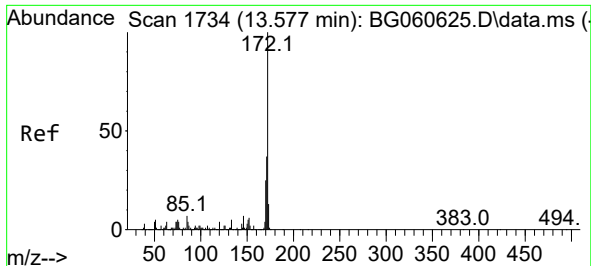
Tgt Ion:164 Resp: 299450
Ion Ratio Lower Upper
164 100
162 100.8 82.5 123.7
160 43.3 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 125.646 ng
RT: 16.433 min Scan# 2220
Delta R.T. -0.004 min
Lab File: BG060656.D
Acq: 15 Mar 2024 3:22

Tgt Ion:330 Resp: 435994
Ion Ratio Lower Upper
330 100
332 95.4 77.8 116.8
141 32.9 25.4 38.2

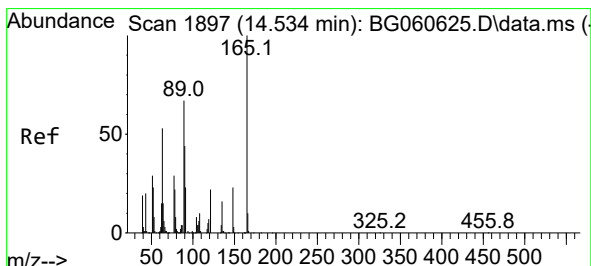
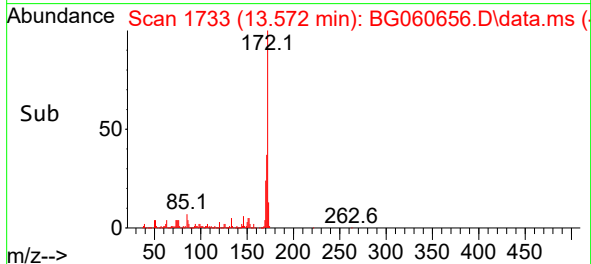
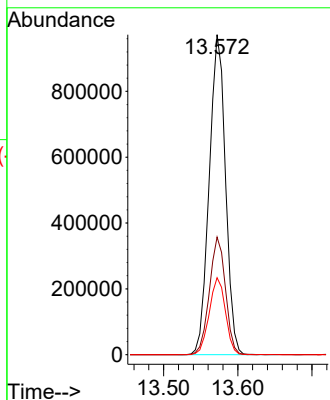
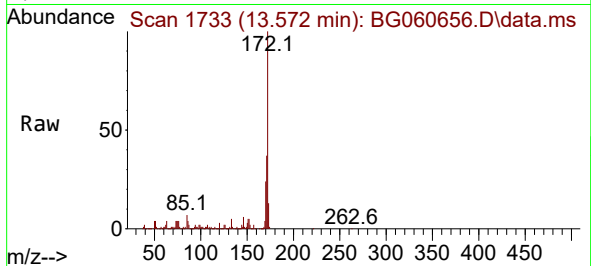




#45
2-Fluorobiphenyl
Concen: 66.912 ng
RT: 13.572 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG060656.D
Acq: 15 Mar 2024 3:22

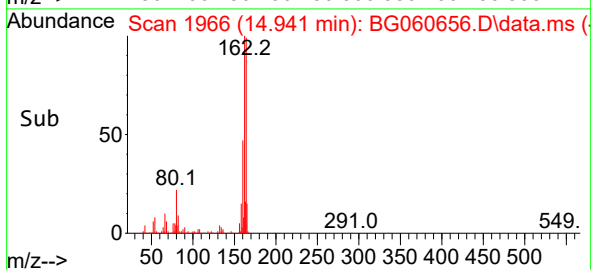
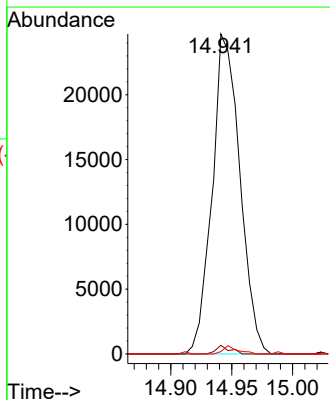
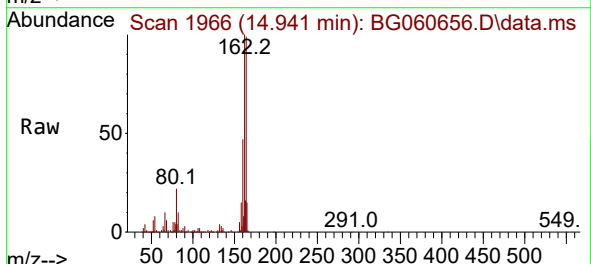
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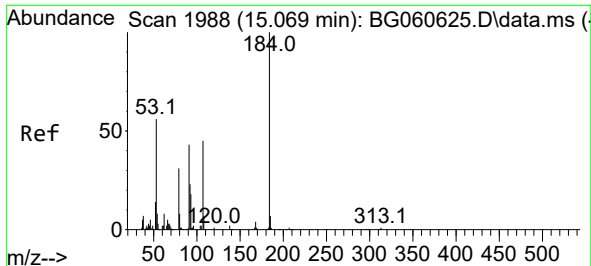
Tgt Ion:172 Resp: 1481958
Ion Ratio Lower Upper
172 100
171 36.8 29.9 44.9
170 24.0 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 9.429 ng
RT: 14.941 min Scan# 1966
Delta R.T. 0.407 min
Lab File: BG060656.D
Acq: 15 Mar 2024 3:22

Tgt Ion:165 Resp: 39020
Ion Ratio Lower Upper
165 100
63 2.7 55.8 83.6#
89 0.8 54.1 81.1#

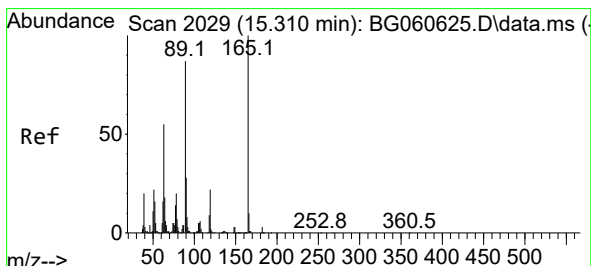
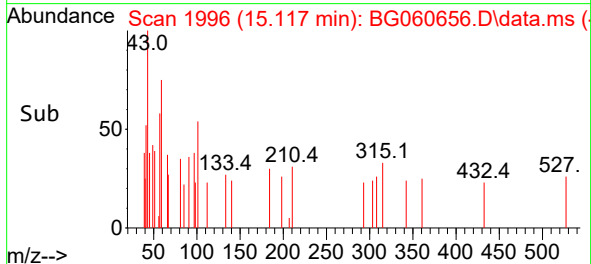
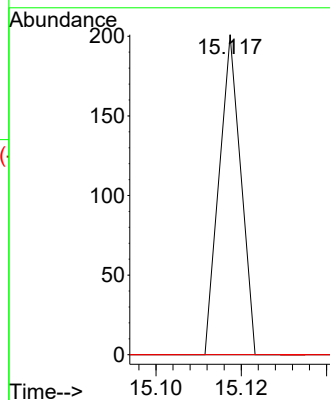
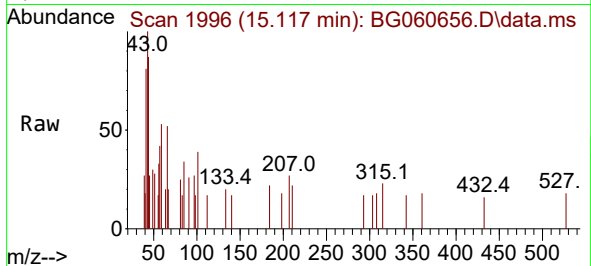




#54
2,4-Dinitrophenol
Concen: 6.875 ng
RT: 15.117 min Scan# 1996
Delta R.T. 0.048 min
Lab File: BG060656.D
Acq: 15 Mar 2024 3:22

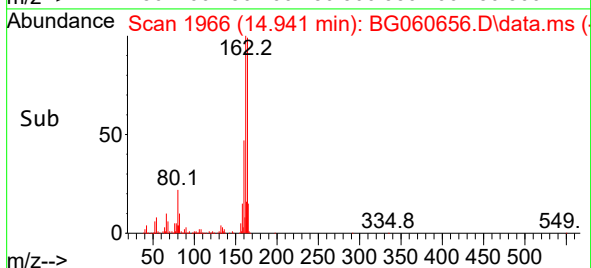
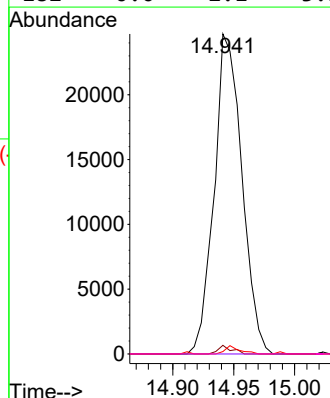
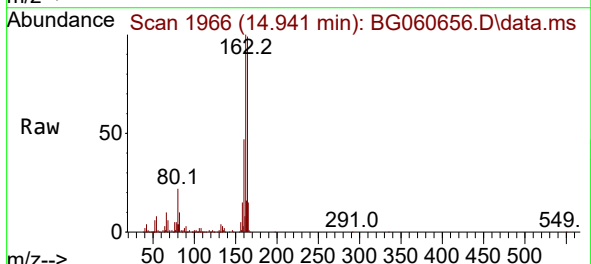
Instrument :
BNA_G
ClientSampleId :

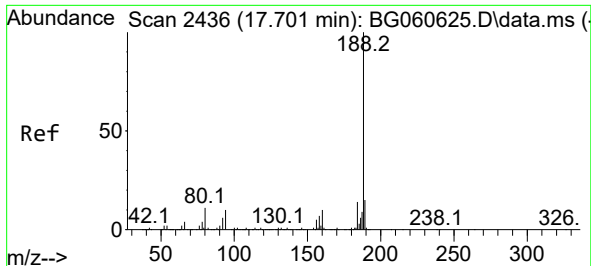
Tgt Ion:184 Resp: 71
Ion Ratio Lower Upper
184 100
63 90.5 54.4 81.6#
154 0.0 50.4 75.6#



#57
2,4-Dinitrotoluene
Concen: 7.495 ng
RT: 14.941 min Scan# 1966
Delta R.T. -0.369 min
Lab File: BG060656.D
Acq: 15 Mar 2024 3:22

Tgt Ion:165 Resp: 39020
Ion Ratio Lower Upper
165 100
63 2.7 44.1 66.1#
89 0.8 69.7 104.5#
182 0.0 2.1 3.1#

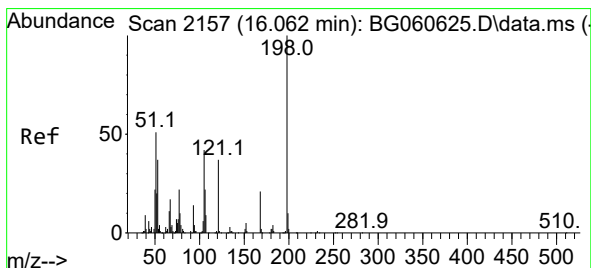
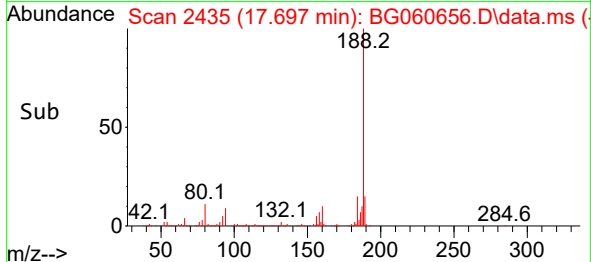
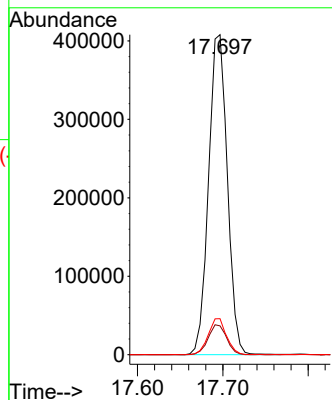
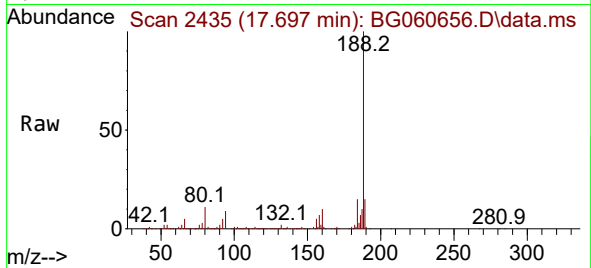




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.697 min Scan# 2436
Delta R.T. -0.004 min
Lab File: BG060656.D
Acq: 15 Mar 2024 3:22

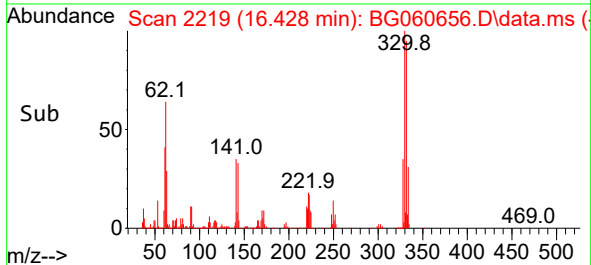
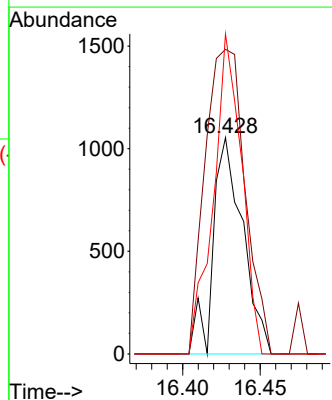
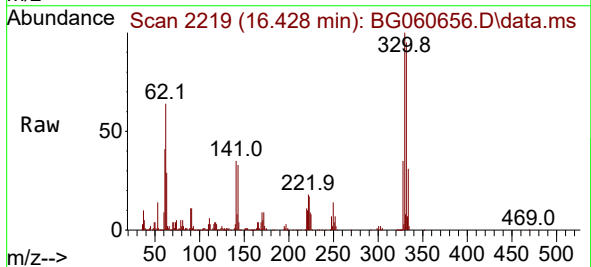
Instrument :
BNA_G
ClientSampleId :

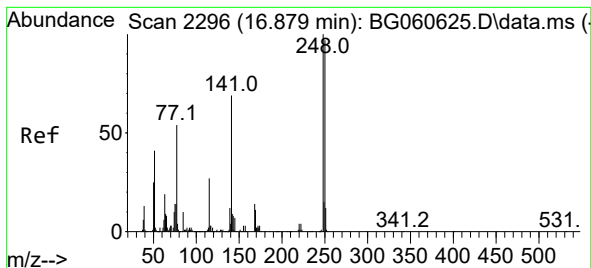
Tgt Ion:188 Resp: 623143
Ion Ratio Lower Upper
188 100
94 9.0 7.9 11.9
80 11.2 8.6 13.0



#65
4,6-Dinitro-2-methylphenol
Concen: 5.261 ng
RT: 16.428 min Scan# 2219
Delta R.T. 0.366 min
Lab File: BG060656.D
Acq: 15 Mar 2024 3:22

Tgt Ion:198 Resp: 1398
Ion Ratio Lower Upper
198 100
51 140.8 36.9 76.9#
105 147.9 22.4 62.4#

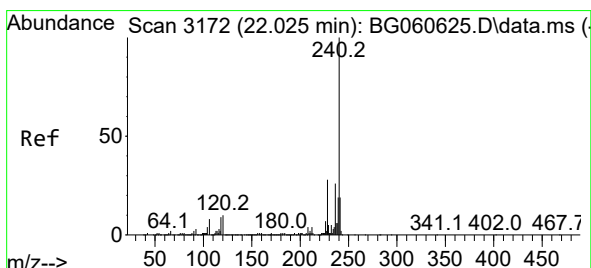
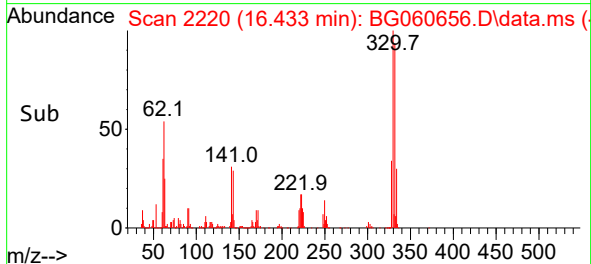
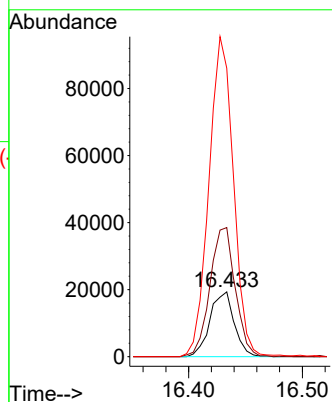
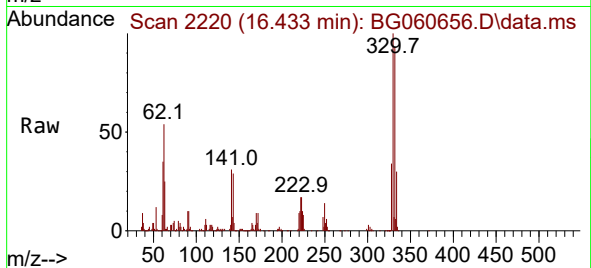




#67
4-Bromophenyl-phenylether
Concen: 4.271 ng
RT: 16.433 min Scan# 21
Delta R.T. -0.445 min
Lab File: BG060656.D
Acq: 15 Mar 2024 3:22

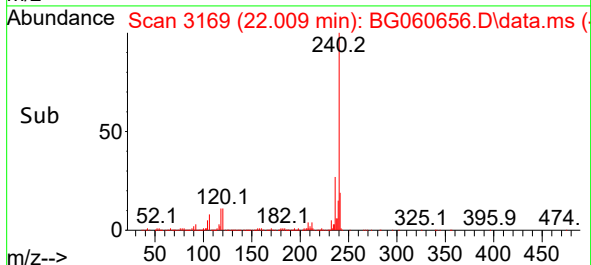
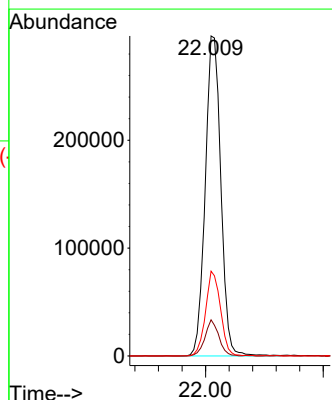
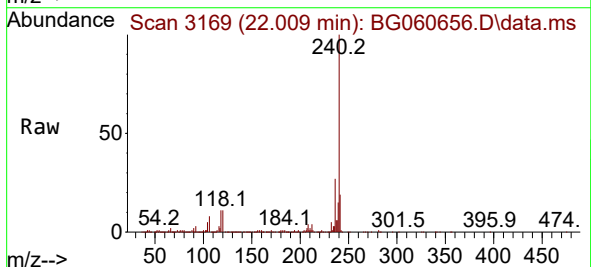
Instrument :
BNA_G
ClientSampleId :

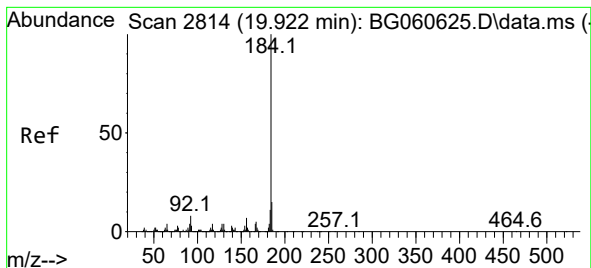
Tgt Ion:248 Resp: 28698
Ion Ratio Lower Upper
248 100
250 199.0 77.8 116.6#
141 444.8 55.1 82.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.009 min Scan# 3169
Delta R.T. -0.016 min
Lab File: BG060656.D
Acq: 15 Mar 2024 3:22

Tgt Ion:240 Resp: 545357
Ion Ratio Lower Upper
240 100
120 11.3 7.8 11.8
236 26.5 20.6 31.0





#77

Benzidine

Concen: 2.413 ng

RT: 20.270 min Scan# 2814

Delta R.T. 0.348 min

Lab File: BG060656.D

Acq: 15 Mar 2024 3:22

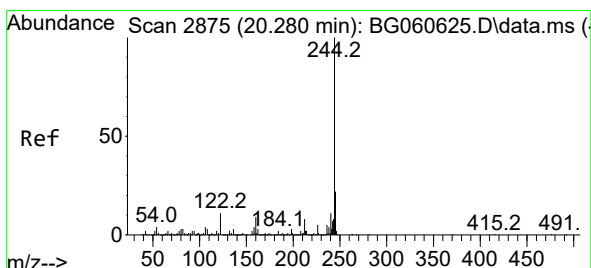
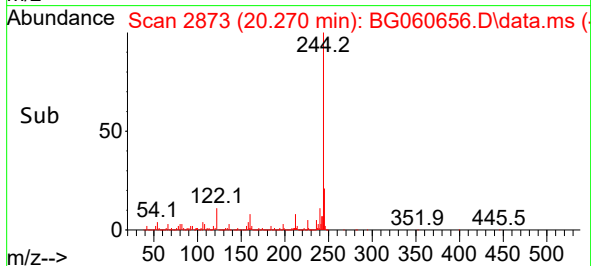
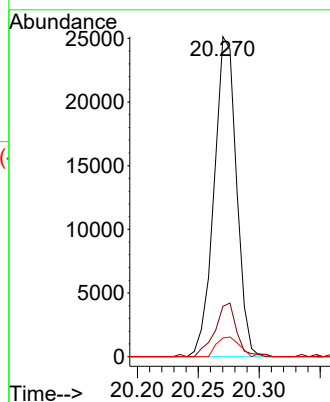
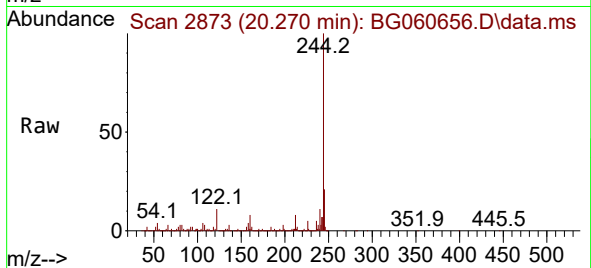
Instrument :

BNA_G

ClientSampleId :

Tgt Ion:184 Resp: 32185

Ion	Ratio	Lower	Upper
184	100		
185	15.7	11.7	17.5
183	5.9	9.2	13.8



#79

Terphenyl-d14

Concen: 68.532 ng

RT: 20.276 min Scan# 2874

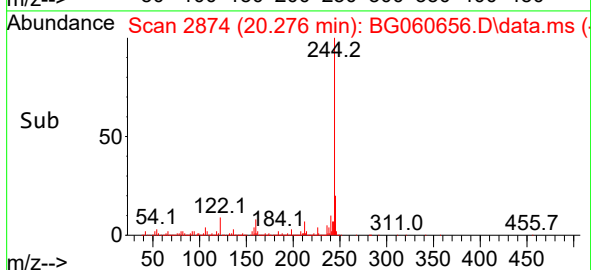
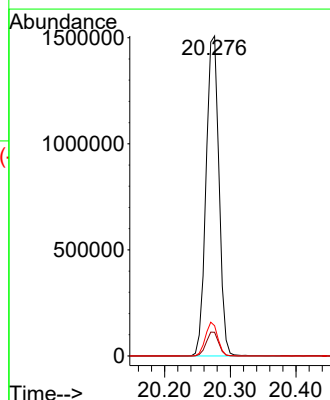
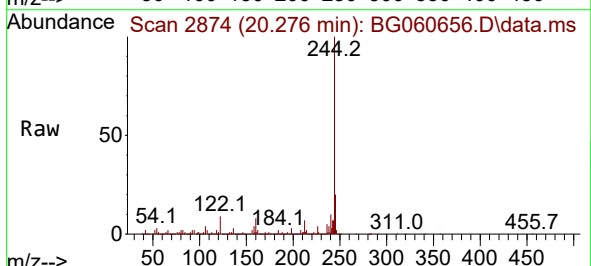
Delta R.T. -0.004 min

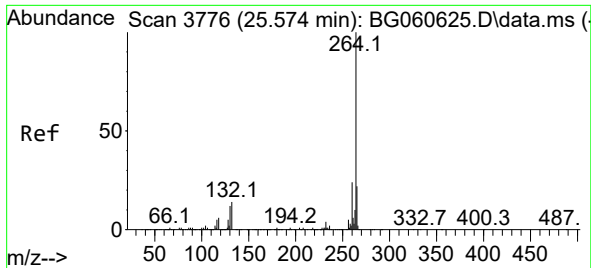
Lab File: BG060656.D

Acq: 15 Mar 2024 3:22

Tgt Ion:244 Resp: 2067701

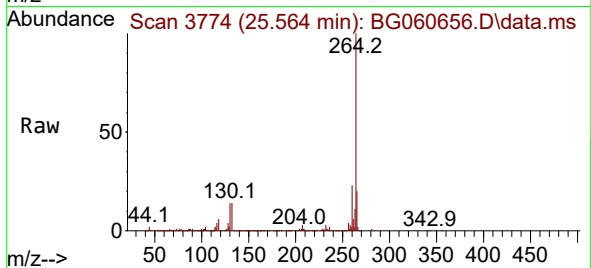
Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.6	9.8
122	9.4	8.5	12.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.564 min Scan# 31
Delta R.T. -0.010 min
Lab File: BG060656.D
Acq: 15 Mar 2024 3:22

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:264 Resp: 618403

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.2
265	20.5	18.1	27.1

