

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011924\
 Data File : BG060374.D
 Acq On : 19 Jan 2024 18:22
 Operator : MA/JU
 Sample : P1159-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-011724

Quant Time: Jan 20 01:21:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

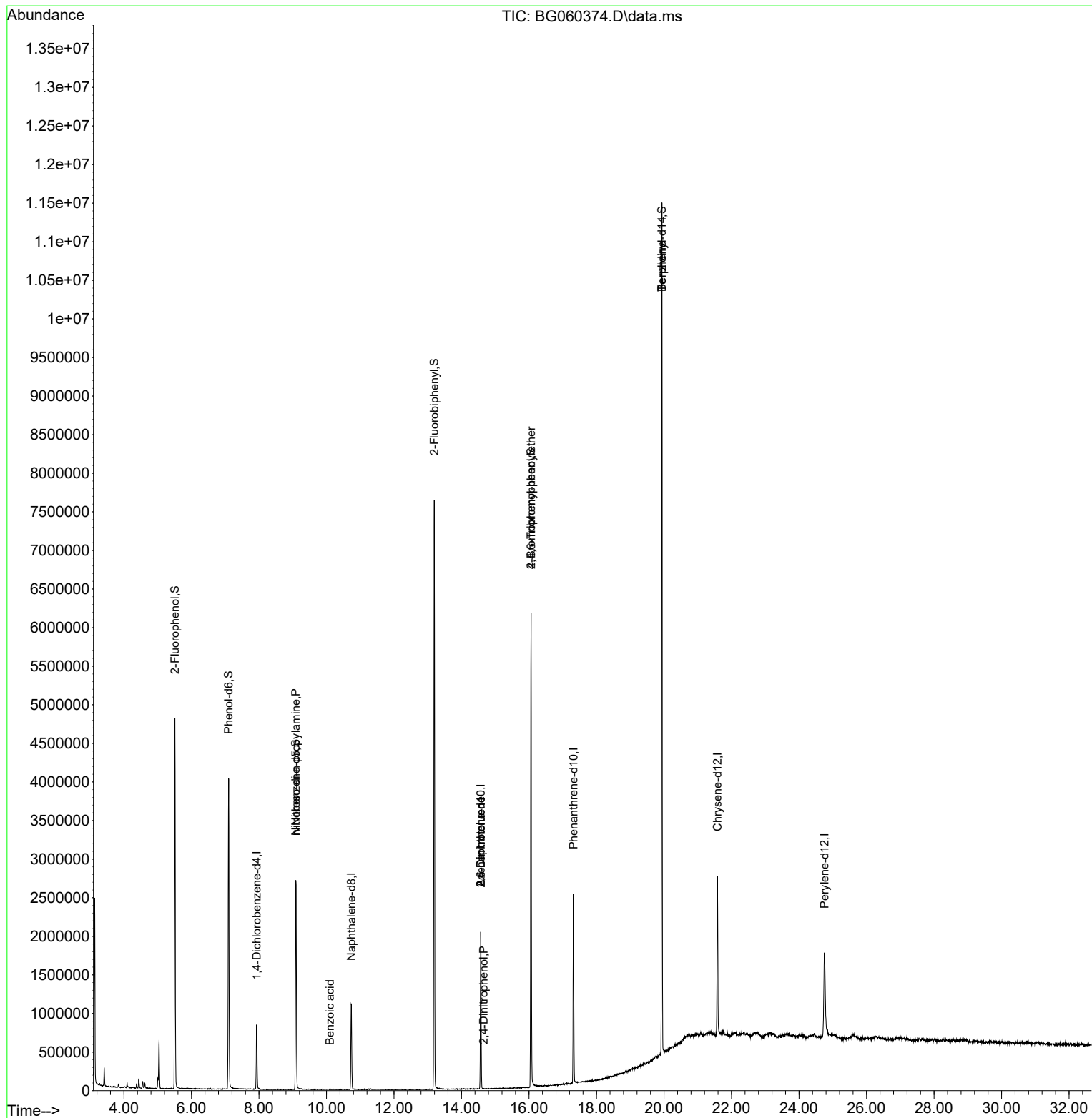
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	262743	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	1003262	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	715578	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	1624362	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1291802	20.000	ng	0.00
86) Perylene-d12	24.756	264	1456732	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	2238989	140.162	ng	0.00
7) Phenol-d6	7.100	99	2731092	115.459	ng	0.00
23) Nitrobenzene-d5	9.092	82	1911280	89.957	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	1347968	128.034	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	4279178	83.141	ng	0.00
79) Terphenyl-d14	19.938	244	5090543	112.354	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.092	70	226462	13.833	ng	# 83
32) Benzoic acid	10.103	122	112	10.210	ng	91
51) 2,6-Dinitrotoluene	14.568	165	95578	8.191	ng	# 33
54) 2,4-Dinitrophenol	14.656	184	63	8.595	ng	# 27
57) 2,4-Dinitrotoluene	14.568	165	95578	5.973	ng	# 25
67) 4-Bromophenyl-phenylether	16.060	248	85150	4.771	ng	# 1
77) Benzidine	19.938	184	88107	3.139	ng	# 92

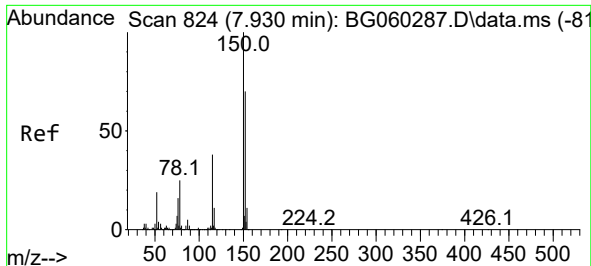
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011924\
Data File : BG060374.D
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Misc :
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QLast Update : Tue Jan 09 04:07:12 2024
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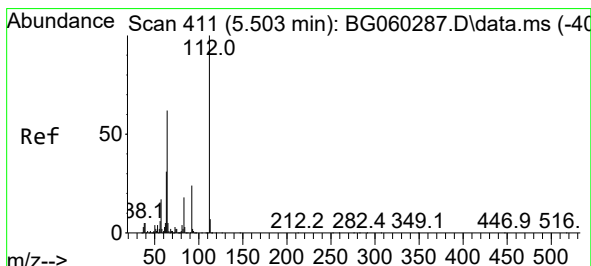
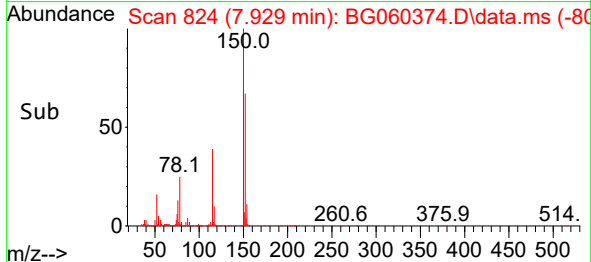
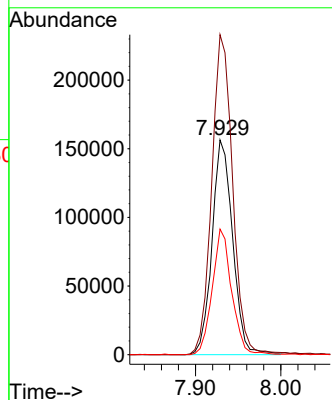
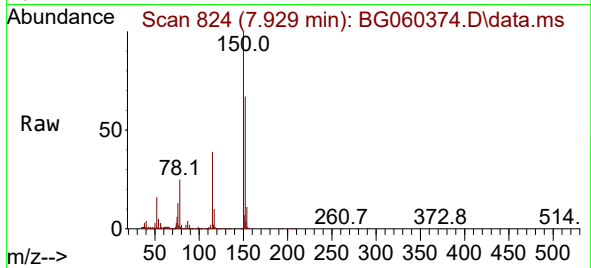




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060374.D
Acq: 19 Jan 2024 18:22

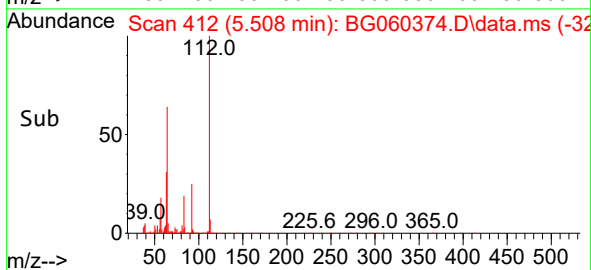
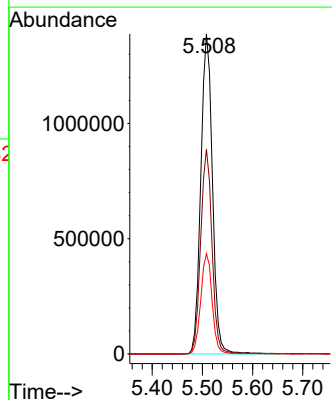
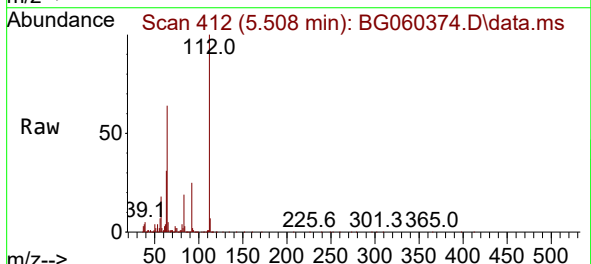
Instrument :
BNA_G
ClientSampleId :
TP-011724

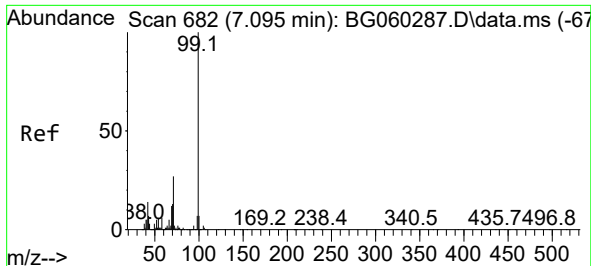
Tgt Ion:152 Resp: 262743
Ion Ratio Lower Upper
152 100
150 149.1 114.5 171.7
115 58.5 43.0 64.6



#5
2-Fluorophenol
Concen: 140.162 ng
RT: 5.508 min Scan# 412
Delta R.T. 0.005 min
Lab File: BG060374.D
Acq: 19 Jan 2024 18:22

Tgt Ion:112 Resp: 2238989
Ion Ratio Lower Upper
112 100
64 64.0 49.8 74.6
63 31.3 24.4 36.6

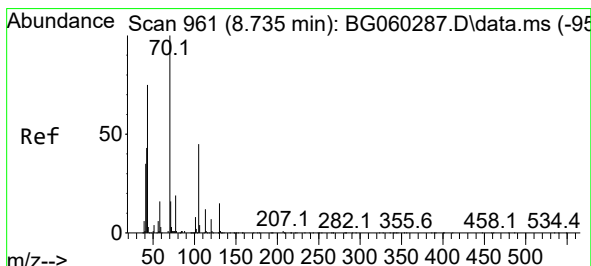
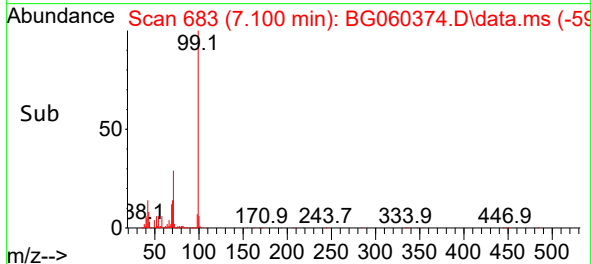
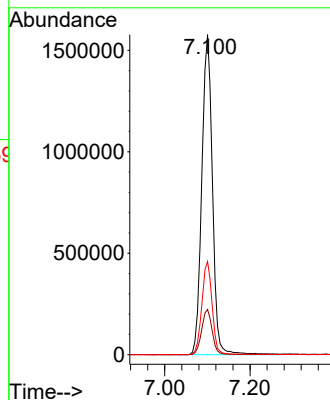
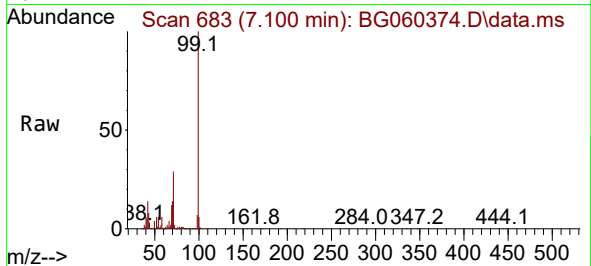




#7
Phenol-d6
Concen: 115.459 ng
RT: 7.100 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG060374.D
Acq: 19 Jan 2024 18:22

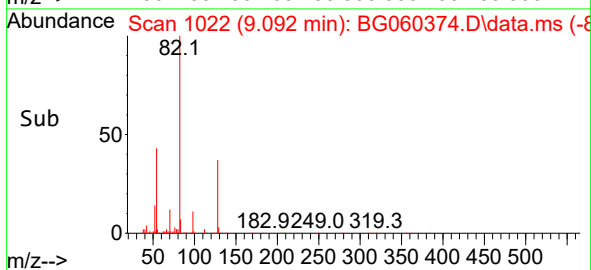
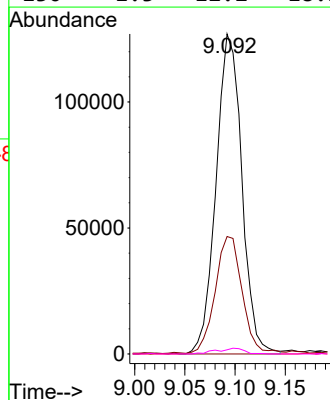
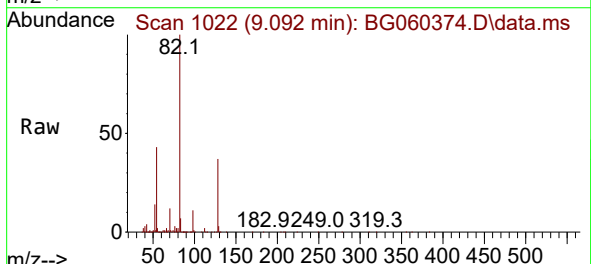
Instrument :
BNA_G
ClientSampleId :
TP-011724

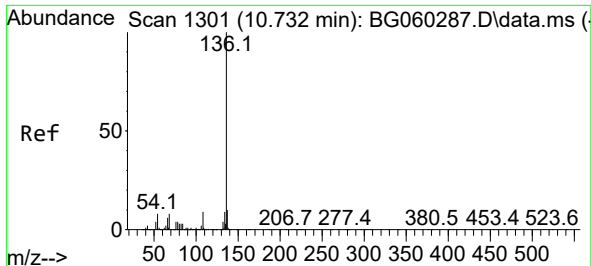
Tgt Ion: 99 Resp: 2731092
Ion Ratio Lower Upper
99 100
42 14.1 10.9 16.3
71 29.1 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.833 ng
RT: 9.092 min Scan# 1022
Delta R.T. 0.357 min
Lab File: BG060374.D
Acq: 19 Jan 2024 18:22

Tgt Ion: 70 Resp: 226462
Ion Ratio Lower Upper
70 100
42 36.7 34.3 51.5
101 0.0 6.2 9.2#
130 1.3 12.2 18.2#

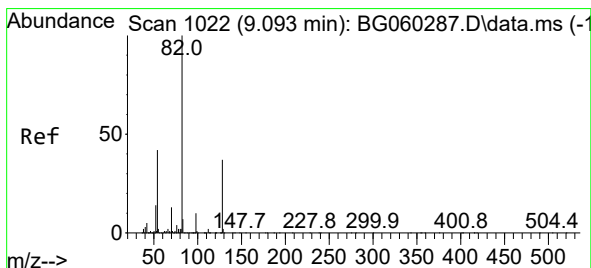
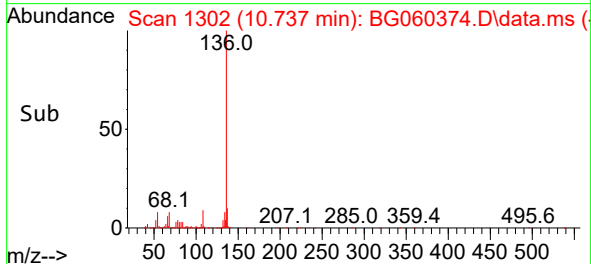
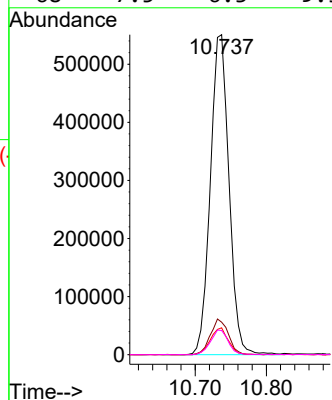
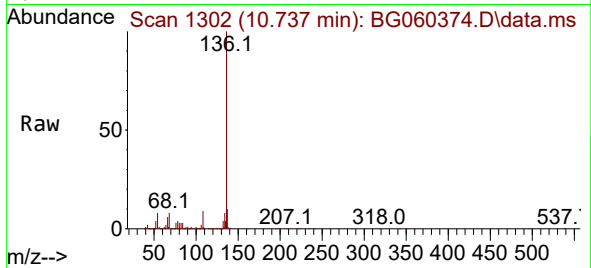




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 1301
Delta R.T. 0.005 min
Lab File: BG060374.D
Acq: 19 Jan 2024 18:22

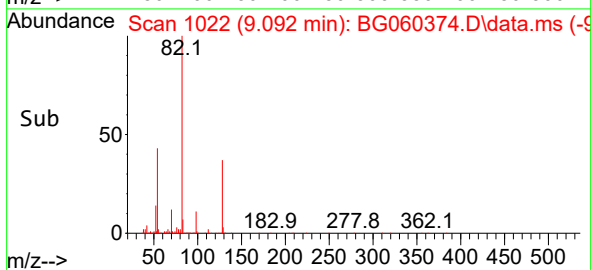
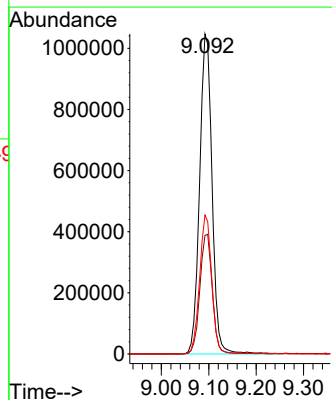
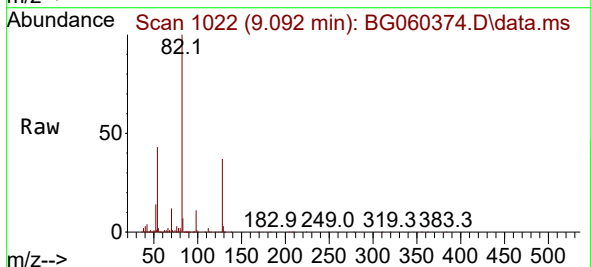
Instrument :
BNA_G
ClientSampleId :
TP-011724

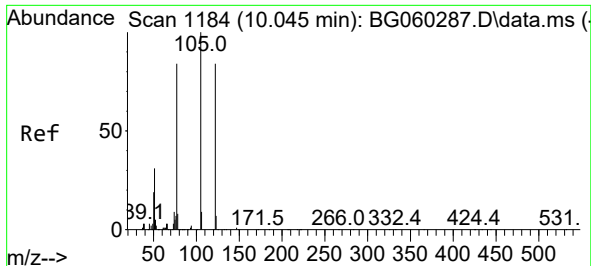
Tgt Ion:136 Resp: 1003262
Ion Ratio Lower Upper
136 100
137 10.2 8.2 12.4
54 8.4 6.2 9.2
68 7.5 6.3 9.5



#23
Nitrobenzene-d5
Concen: 89.957 ng
RT: 9.092 min Scan# 1022
Delta R.T. -0.001 min
Lab File: BG060374.D
Acq: 19 Jan 2024 18:22

Tgt Ion: 82 Resp: 1911280
Ion Ratio Lower Upper
82 100
128 37.1 29.6 44.4
54 43.4 33.6 50.4

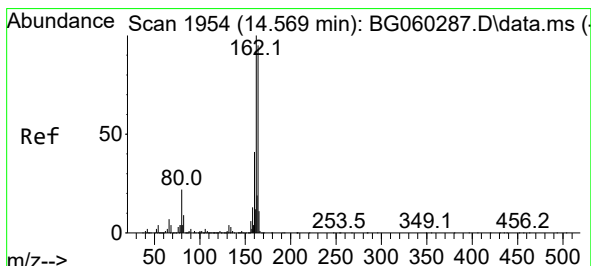
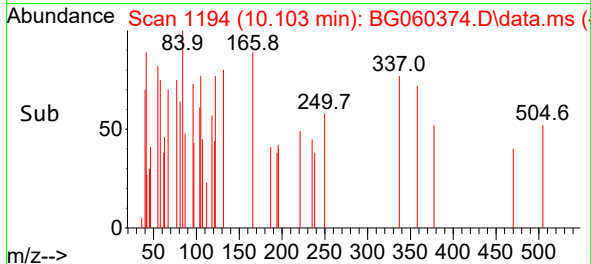
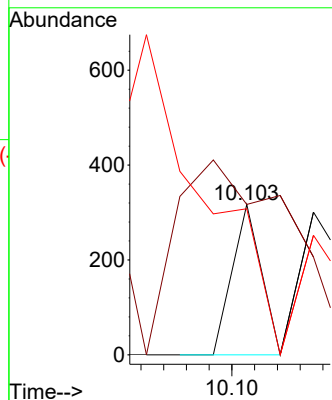
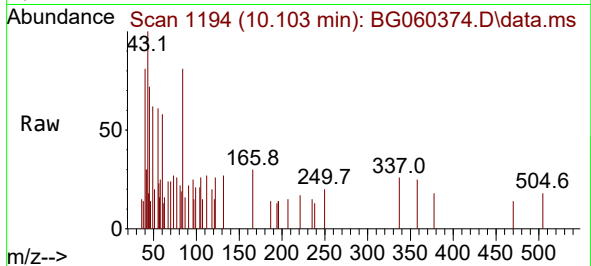




#32
Benzoic acid
Concen: 10.210 ng
RT: 10.103 min Scan# 1184
Delta R.T. 0.058 min
Lab File: BG060374.D
Acq: 19 Jan 2024 18:22

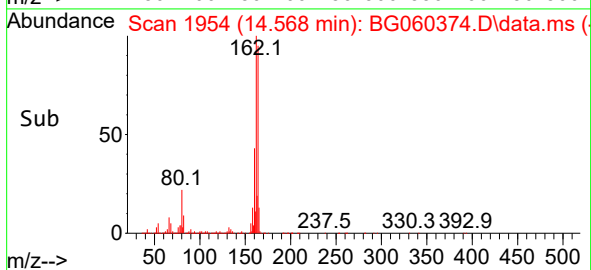
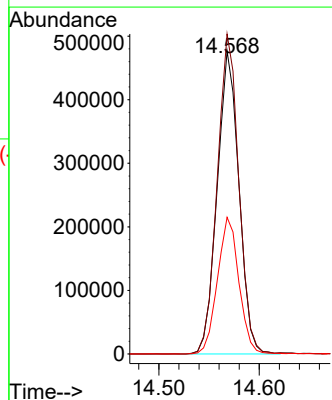
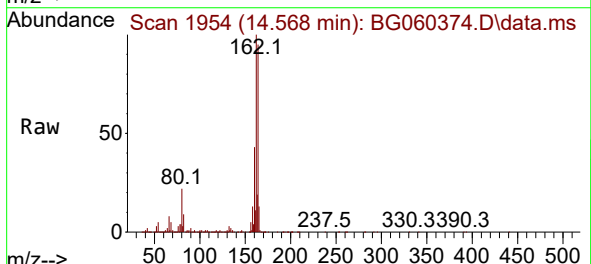
Instrument :
BNA_G
ClientSampleId :
TP-011724

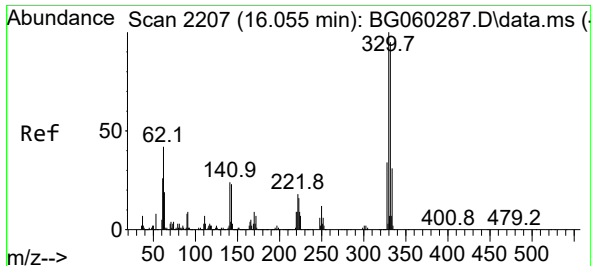
Tgt Ion:122 Resp: 112
Ion Ratio Lower Upper
122 100
105 100.0 96.0 136.0
77 97.2 80.1 120.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1954
Delta R.T. -0.001 min
Lab File: BG060374.D
Acq: 19 Jan 2024 18:22

Tgt Ion:164 Resp: 715578
Ion Ratio Lower Upper
164 100
162 105.6 84.4 126.6
160 45.1 34.6 52.0

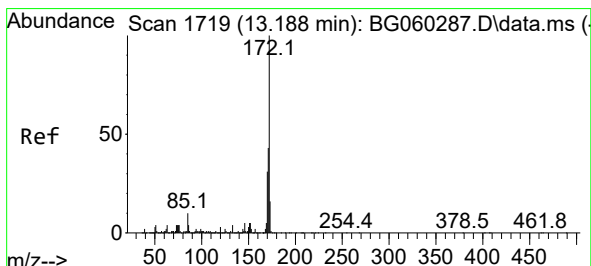
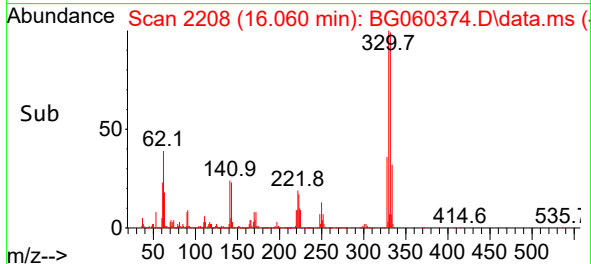
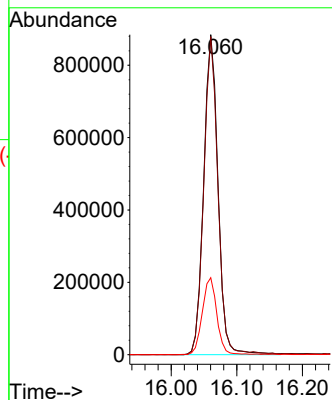
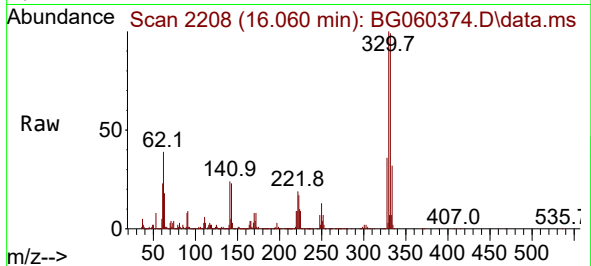




#42
2,4,6-Tribromophenol
Concen: 128.034 ng
RT: 16.060 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG060374.D
Acq: 19 Jan 2024 18:22

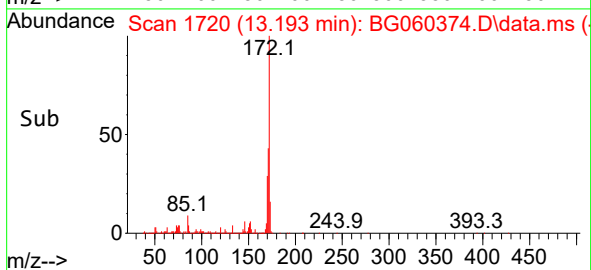
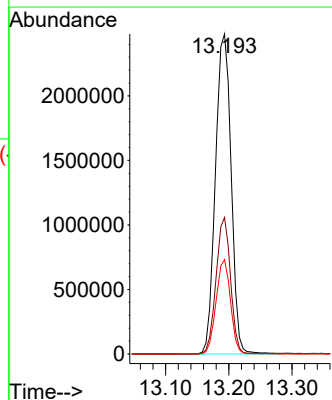
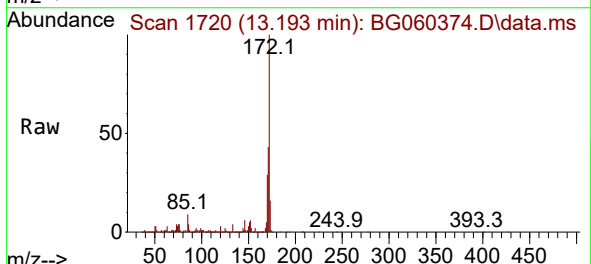
Instrument :
BNA_G
ClientSampleId :
TP-011724

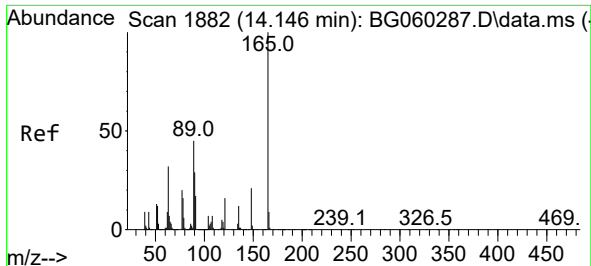
Tgt Ion:330 Resp: 1347968
Ion Ratio Lower Upper
330 100
332 98.0 76.7 115.1
141 24.6 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 83.141 ng
RT: 13.193 min Scan# 1720
Delta R.T. 0.005 min
Lab File: BG060374.D
Acq: 19 Jan 2024 18:22

Tgt Ion:172 Resp: 4279178
Ion Ratio Lower Upper
172 100
171 42.7 34.6 51.8
170 29.5 24.4 36.6

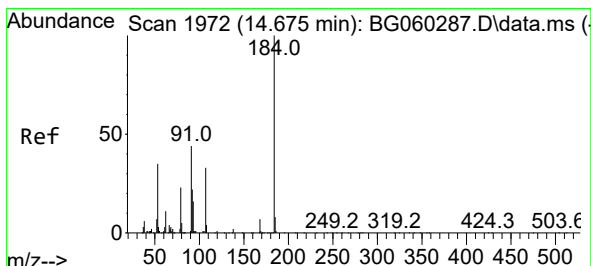
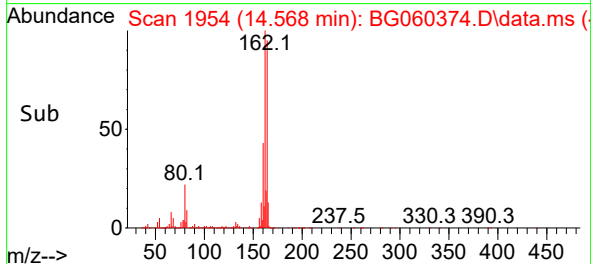
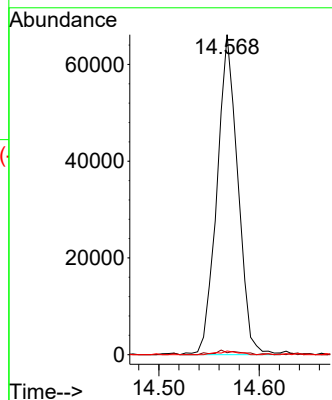
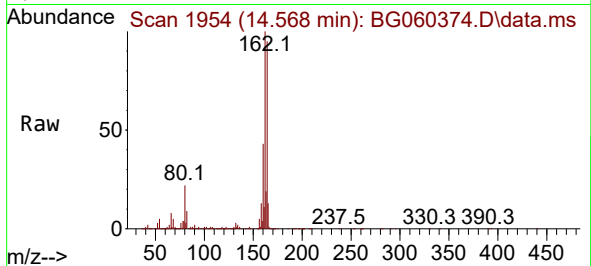




#51
2,6-Dinitrotoluene
Concen: 8.191 ng
RT: 14.568 min Scan# 1954
Delta R.T. 0.422 min
Lab File: BG060374.D
Acq: 19 Jan 2024 18:22

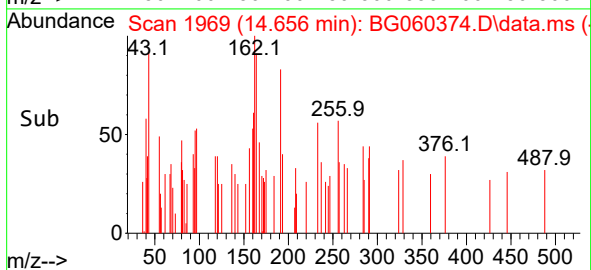
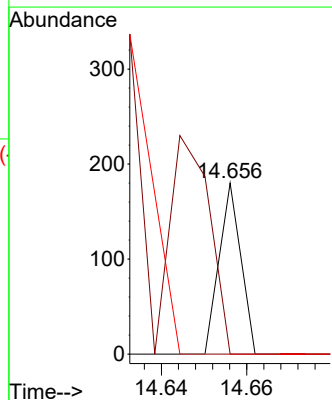
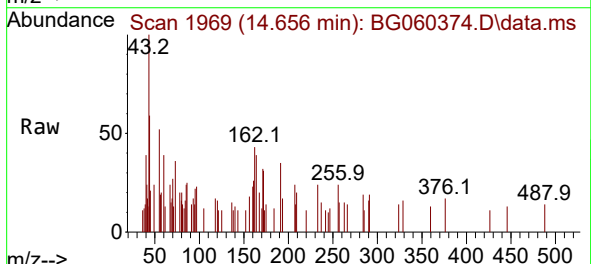
Instrument :
BNA_G
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TP-011724

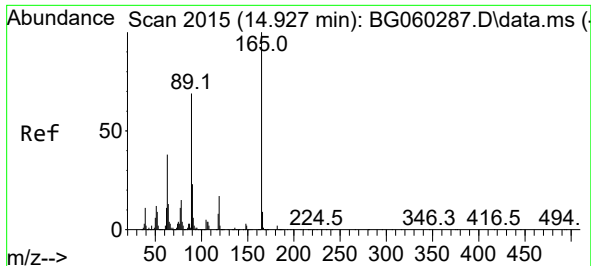
Tgt Ion:165 Resp: 95578
Ion Ratio Lower Upper
165 100
63 0.6 35.0 52.4#
89 1.1 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.595 ng
RT: 14.656 min Scan# 1969
Delta R.T. -0.019 min
Lab File: BG060374.D
Acq: 19 Jan 2024 18:22

Tgt Ion:184 Resp: 63
Ion Ratio Lower Upper
184 100
63 0.0 41.0 61.4#
154 0.0 39.2 58.8#





#57

2,4-Dinitrotoluene

Concen: 5.973 ng

RT: 14.568 min Scan# 1954

Delta R.T. -0.359 min

Lab File: BG060374.D

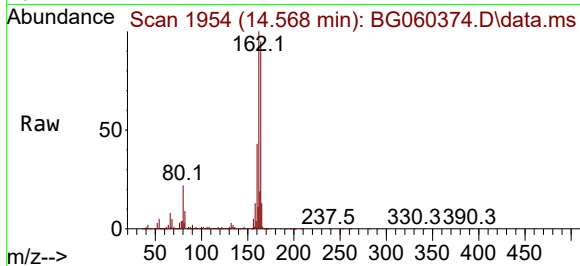
Acq: 19 Jan 2024 18:22

Instrument :

BNA_G

ClientSampleId :

TP-011724



Tgt Ion:165 Resp: 95578

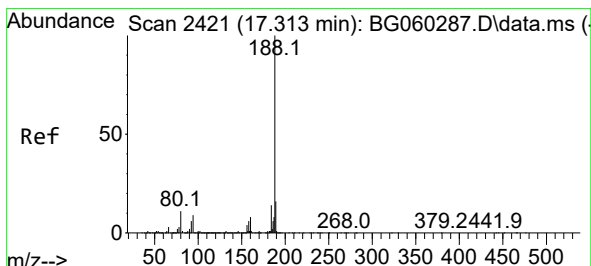
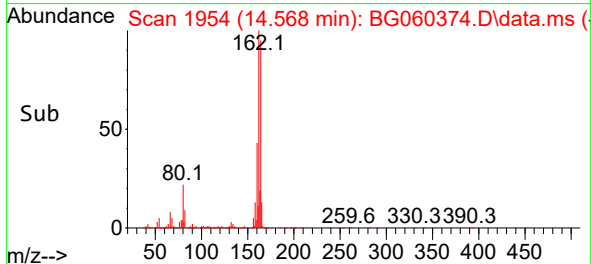
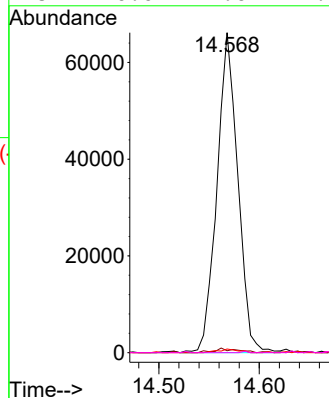
Ion Ratio Lower Upper

165 100

63 0.6 30.4 45.6#

89 1.1 55.4 83.0#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.318 min Scan# 2422

Delta R.T. 0.005 min

Lab File: BG060374.D

Acq: 19 Jan 2024 18:22

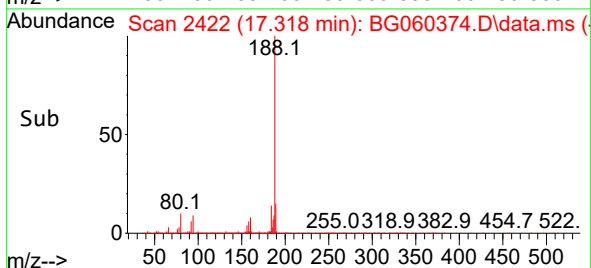
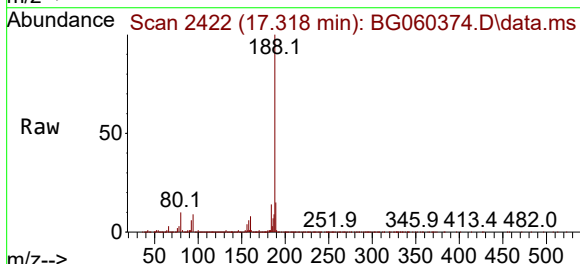
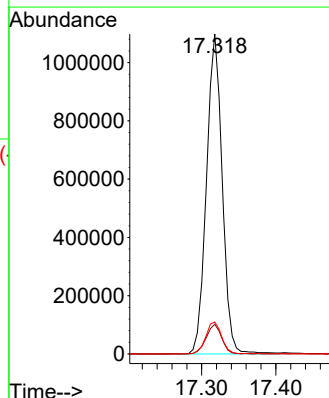
Tgt Ion:188 Resp: 1624362

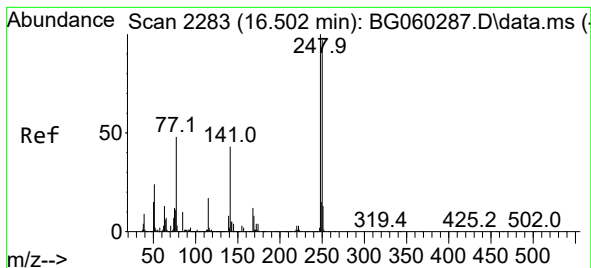
Ion Ratio Lower Upper

188 100

94 9.3 7.1 10.7

80 10.0 8.5 12.7

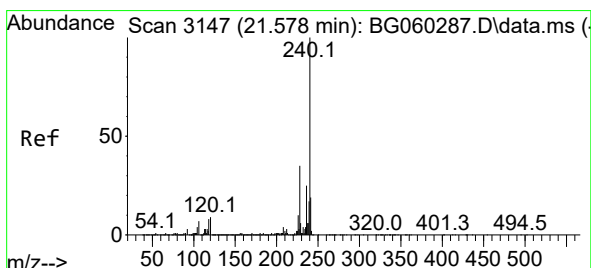
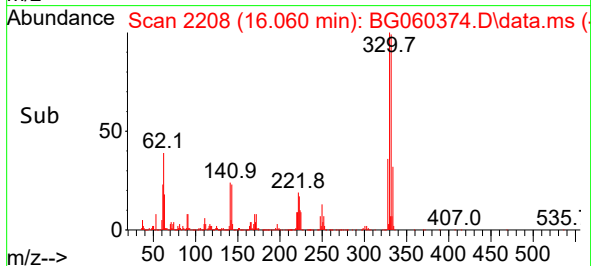
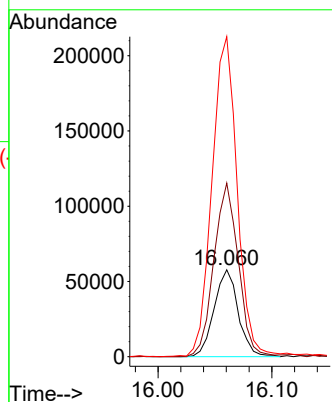
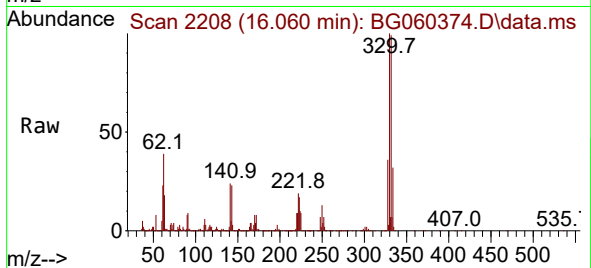




#67
4-Bromophenyl-phenylether
Concen: 4.771 ng
RT: 16.060 min Scan# 21
Delta R.T. -0.442 min
Lab File: BG060374.D
Acq: 19 Jan 2024 18:22

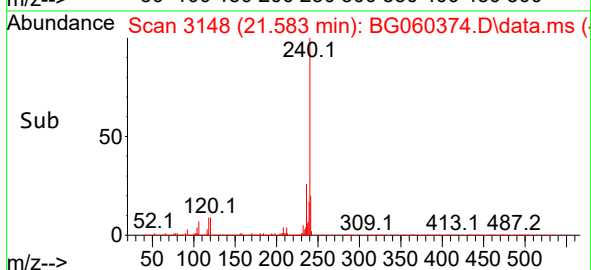
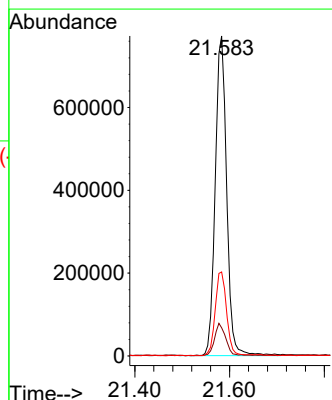
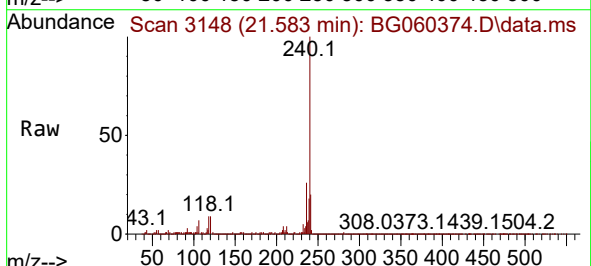
Instrument :
BNA_G
ClientSampleId :
TP-011724

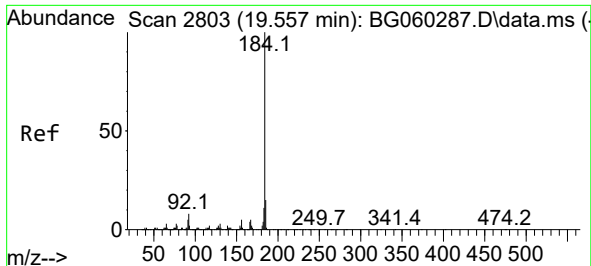
Tgt Ion:248 Resp: 85150
Ion Ratio Lower Upper
248 100
250 199.8 77.6 116.4#
141 368.1 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3148
Delta R.T. 0.005 min
Lab File: BG060374.D
Acq: 19 Jan 2024 18:22

Tgt Ion:240 Resp: 1291802
Ion Ratio Lower Upper
240 100
120 8.8 7.3 10.9
236 26.3 20.3 30.5





#77

Benzidine

Concen: 3.139 ng

RT: 19.938 min Scan# 2868

Delta R.T. 0.381 min

Lab File: BG060374.D

Acq: 19 Jan 2024 18:22

Instrument :

BNA_G

ClientSampleId :

TP-011724

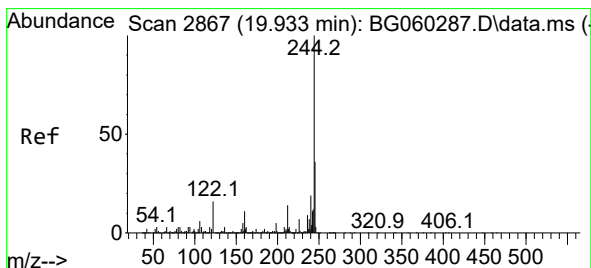
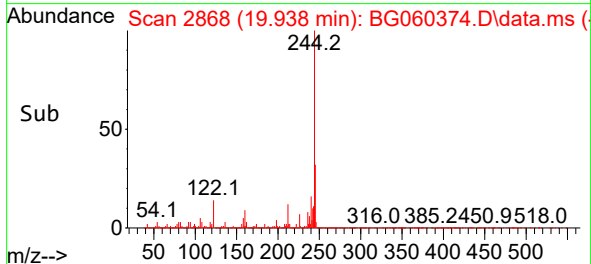
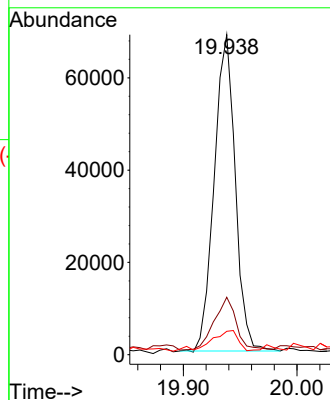
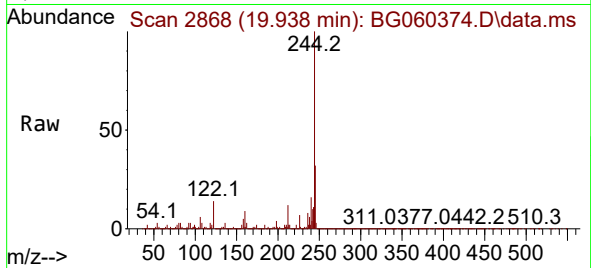
Tgt Ion:184 Resp: 88107

Ion Ratio Lower Upper

184 100

185 18.0 12.2 18.4

183 7.3 9.0 13.4#



#79

Terphenyl-d14

Concen: 112.354 ng

RT: 19.938 min Scan# 2868

Delta R.T. 0.005 min

Lab File: BG060374.D

Acq: 19 Jan 2024 18:22

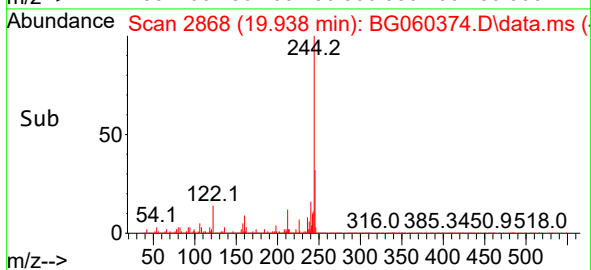
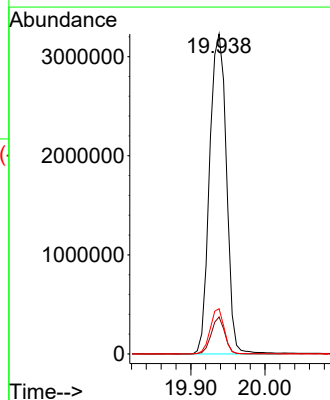
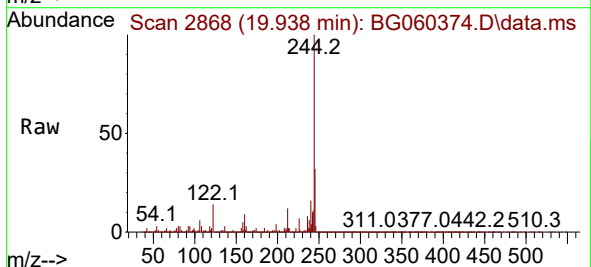
Tgt Ion:244 Resp: 5090543

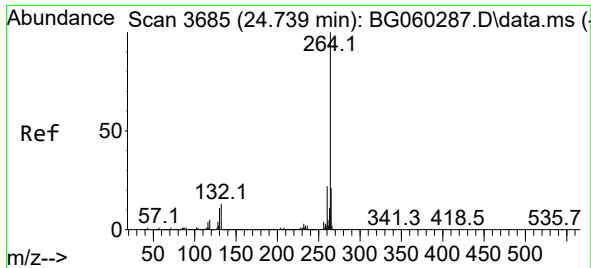
Ion Ratio Lower Upper

244 100

212 11.6 10.9 16.3

122 14.1 12.6 18.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.756 min Scan# 30
 Delta R.T. 0.017 min
 Lab File: BG060374.D
 Acq: 19 Jan 2024 18:22

Instrument :
 BNA_G
 ClientSampleId :
 TP-011724

Tgt Ion:264 Resp: 1456732
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.8 26.6
 265 21.5 16.8 25.2

