

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011224\
 Data File : BG060327.D
 Acq On : 12 Jan 2024 22:34
 Operator : MA/JU
 Sample : P1118-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-2

Quant Time: Jan 12 23:45:34 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)

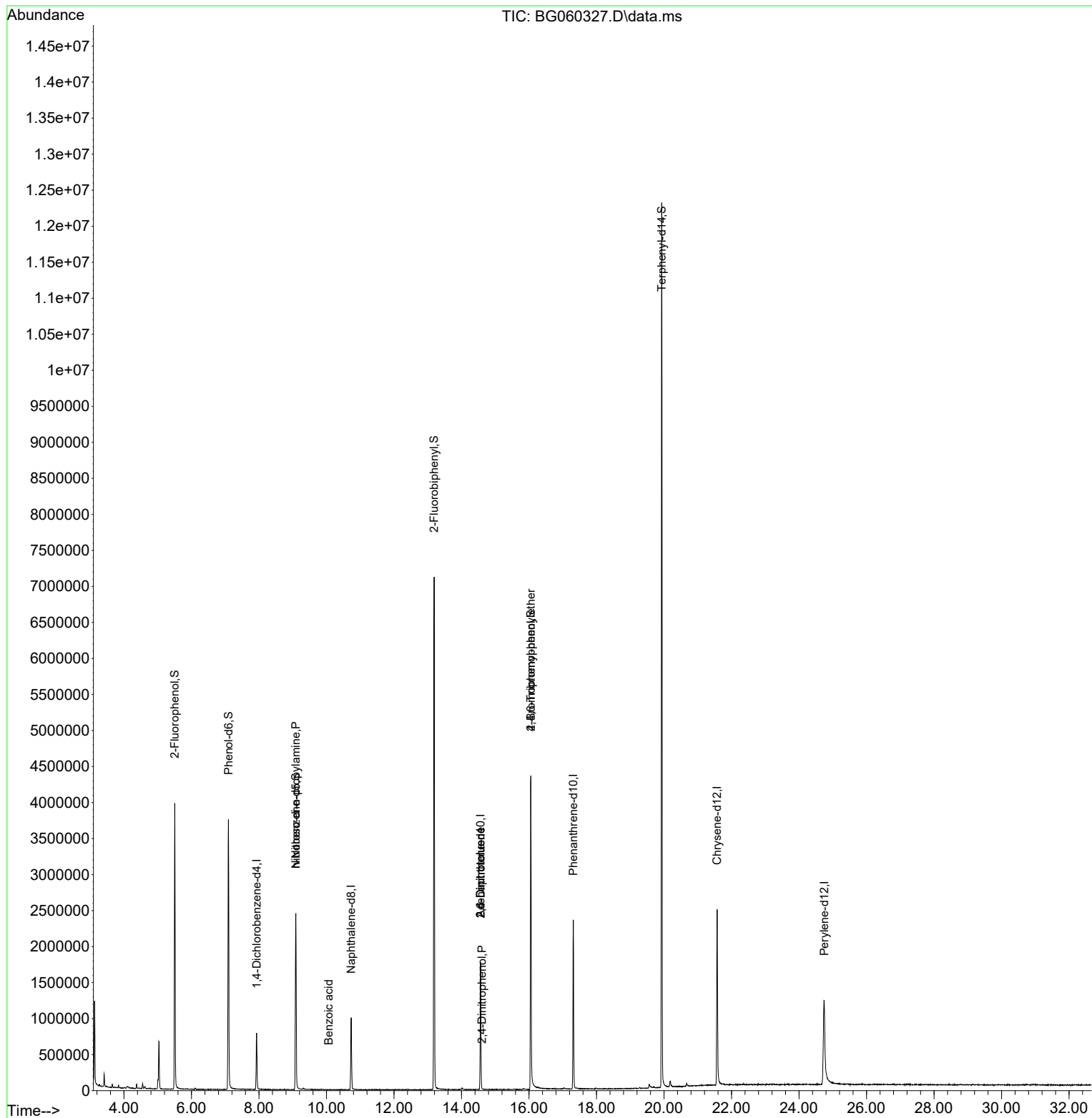
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	247250	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	898485	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	653681	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	1571811	20.000	ng	0.00
76) Chrysene-d12	21.573	240	1626275	20.000	ng	0.00
86) Perylene-d12	24.745	264	1734630	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	1830458	121.768	ng	0.00
7) Phenol-d6	7.095	99	2540413	114.128	ng	0.00
23) Nitrobenzene-d5	9.093	82	1717036	90.239	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	1055727	109.771	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	3934805	83.689	ng	0.00
79) Terphenyl-d14	19.933	244	5704123	90.711	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.093	70	204185	13.254	ng	# 83
32) Benzoic acid	10.063	122	61	10.206	ng	# 30
51) 2,6-Dinitrotoluene	14.563	165	84990	7.973	ng	# 33
54) 2,4-Dinitrophenol	14.604	184	130	8.605	ng	# 27
57) 2,4-Dinitrotoluene	14.563	165	84990	5.815	ng	# 26
67) 4-Bromophenyl-phenylether	16.055	248	63819	3.695	ng	# 1

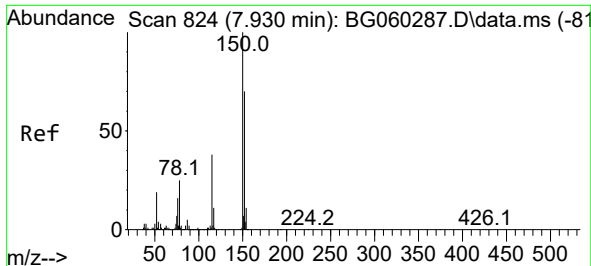
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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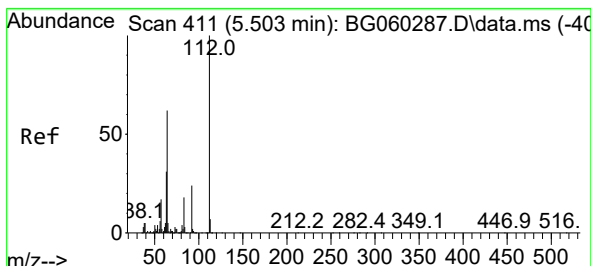
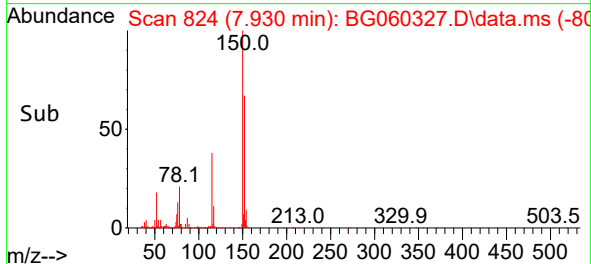
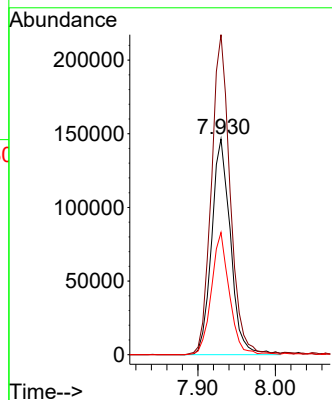
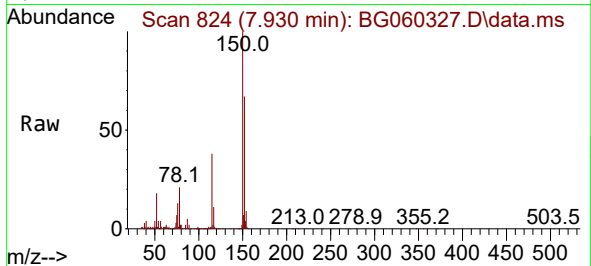




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.930 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG060327.D
Acq: 12 Jan 2024 22:34

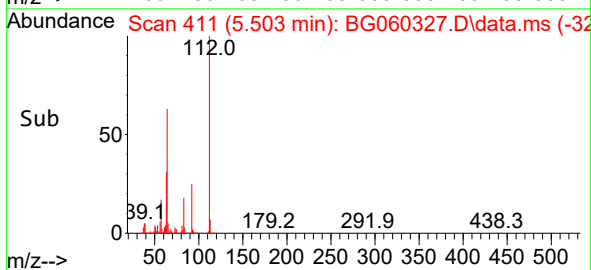
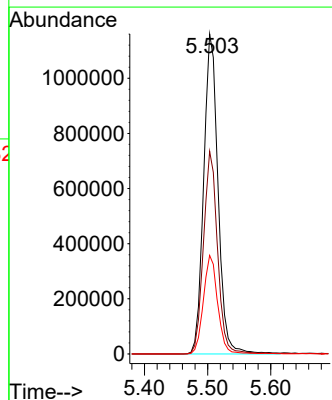
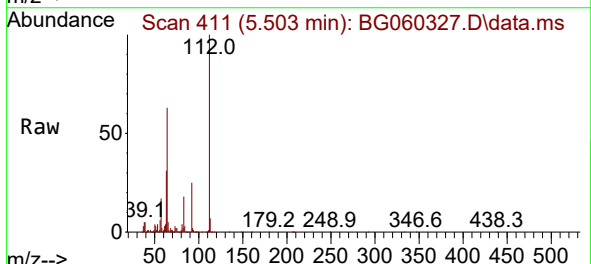
Instrument :
BNA_G
ClientSampleId :
WC-2

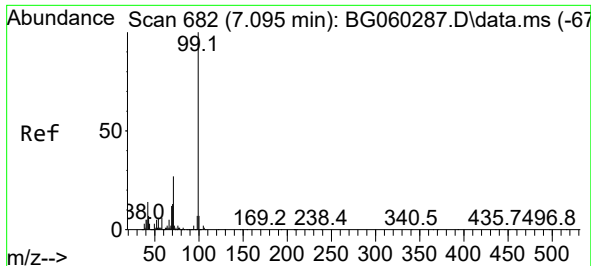
Tgt Ion:152 Resp: 247250
Ion Ratio Lower Upper
152 100
150 148.3 114.5 171.7
115 56.7 43.0 64.6



#5
2-Fluorophenol
Concen: 121.768 ng
RT: 5.503 min Scan# 411
Delta R.T. 0.000 min
Lab File: BG060327.D
Acq: 12 Jan 2024 22:34

Tgt Ion:112 Resp: 1830458
Ion Ratio Lower Upper
112 100
64 63.4 49.8 74.6
63 30.8 24.4 36.6

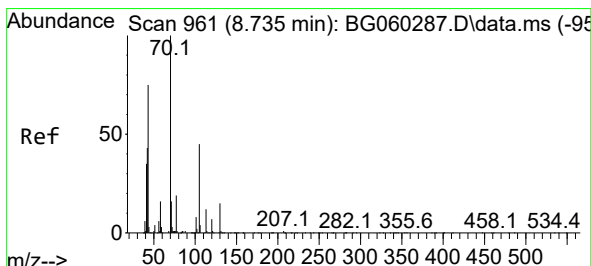
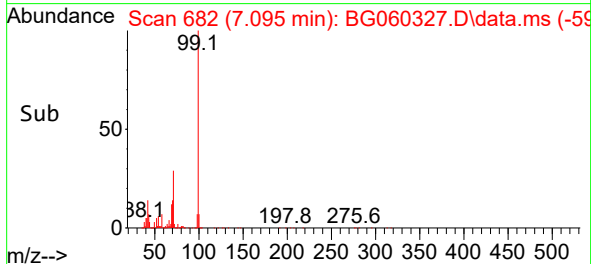
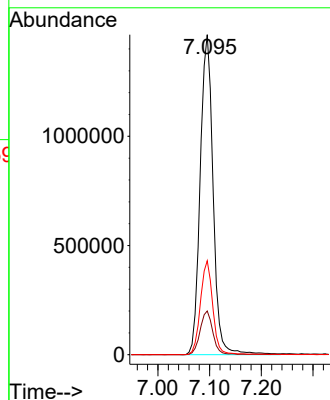
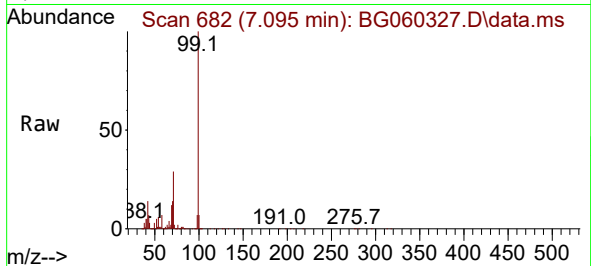




#7
Phenol-d6
Concen: 114.128 ng
RT: 7.095 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG060327.D
Acq: 12 Jan 2024 22:34

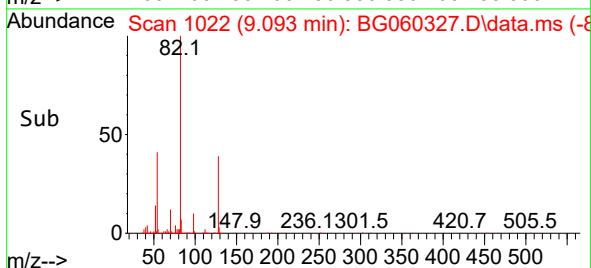
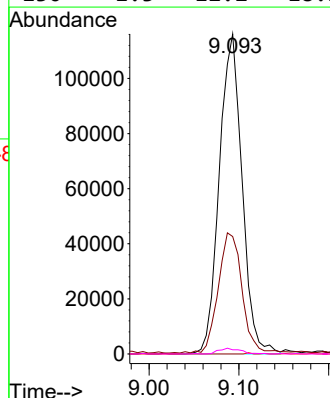
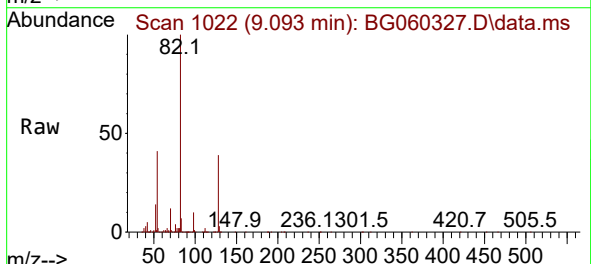
Instrument :
BNA_G
ClientSampleId :
WC-2

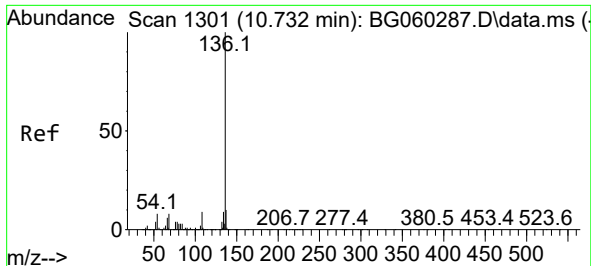
Tgt Ion: 99 Resp: 2540413
Ion Ratio Lower Upper
99 100
42 13.6 10.9 16.3
71 29.3 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.254 ng
RT: 9.093 min Scan# 1022
Delta R.T. 0.359 min
Lab File: BG060327.D
Acq: 12 Jan 2024 22:34

Tgt Ion: 70 Resp: 204185
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#

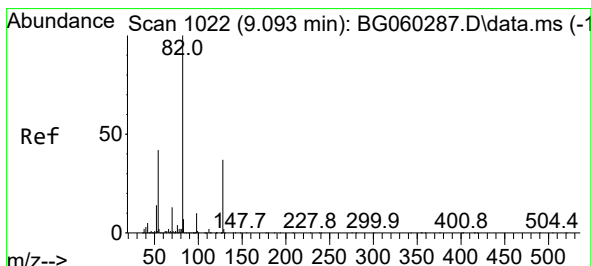
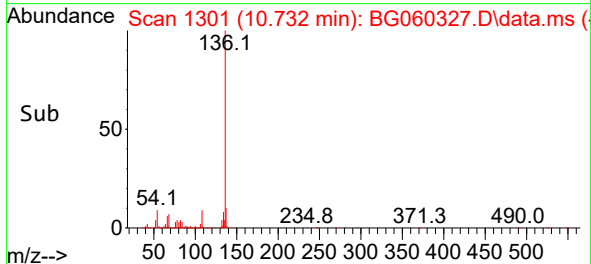
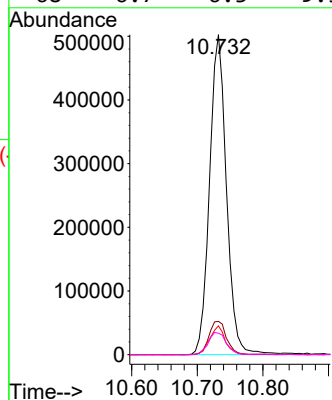
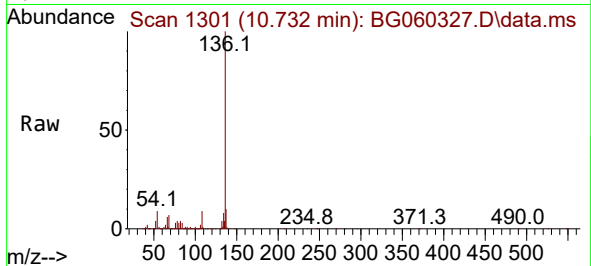




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BG060327.D
Acq: 12 Jan 2024 22:34

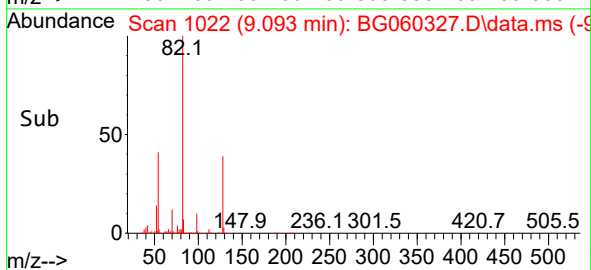
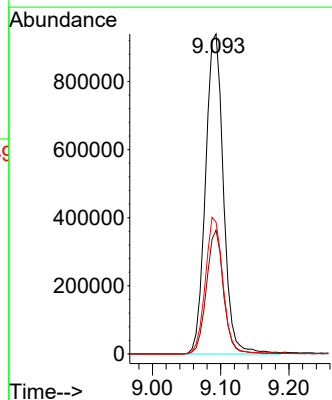
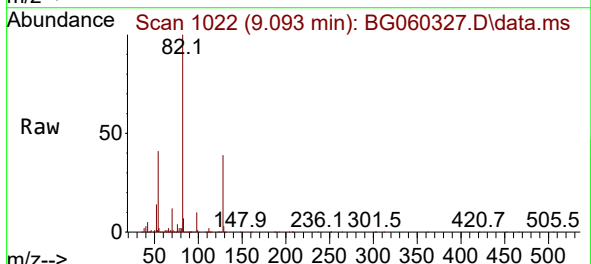
Instrument :
BNA_G
ClientSampleId :
WC-2

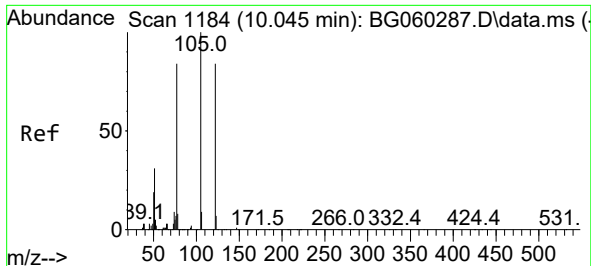
Tgt Ion:136 Resp: 898485
Ion Ratio Lower Upper
136 100
137 10.4 8.2 12.4
54 9.0 6.2 9.2
68 6.7 6.3 9.5



#23
Nitrobenzene-d5
Concen: 90.239 ng
RT: 9.093 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BG060327.D
Acq: 12 Jan 2024 22:34

Tgt Ion: 82 Resp: 1717036
Ion Ratio Lower Upper
82 100
128 38.7 29.6 44.4
54 41.2 33.6 50.4

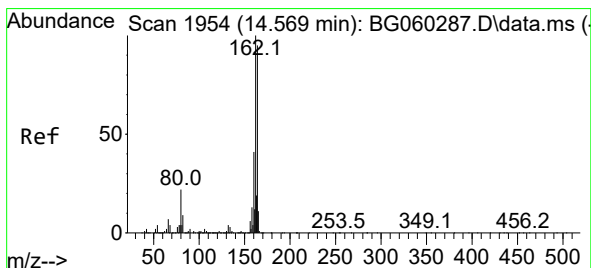
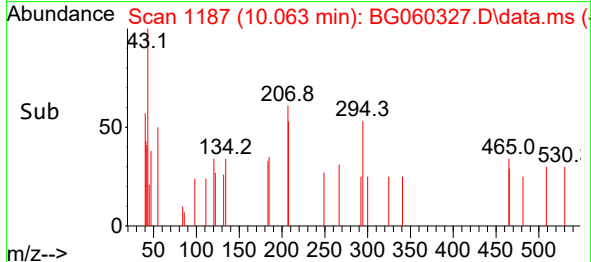
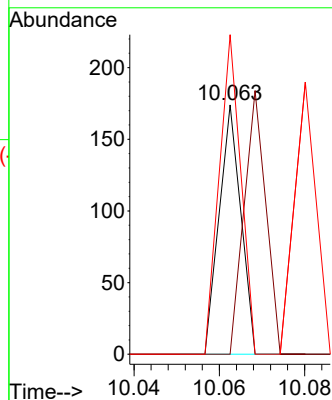
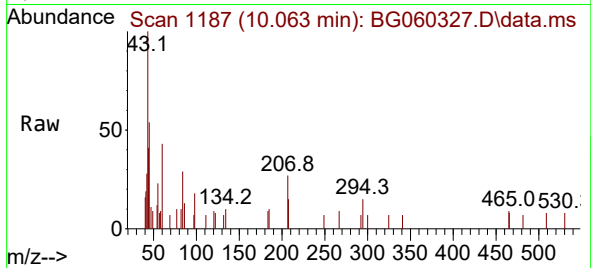




#32
Benzoic acid
Concen: 10.206 ng
RT: 10.063 min Scan# 1184
Delta R.T. 0.018 min
Lab File: BG060327.D
Acq: 12 Jan 2024 22:34

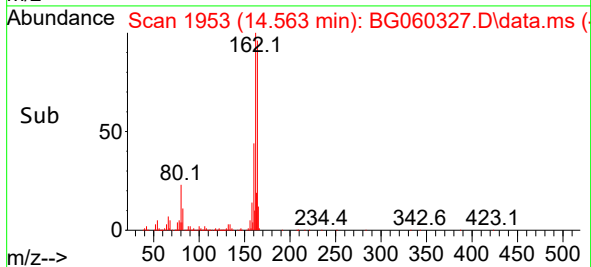
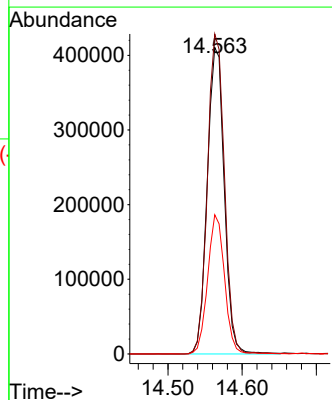
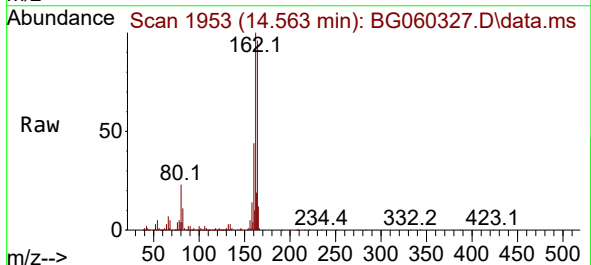
Instrument :
BNA_G
ClientSampleId :
WC-2

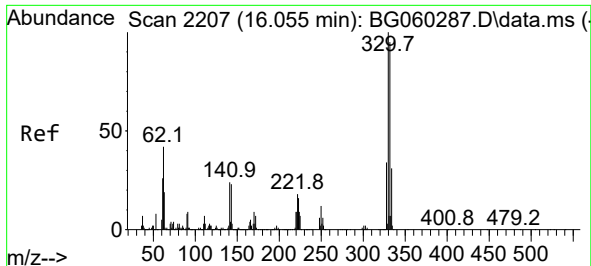
Tgt Ion:122 Resp: 61
Ion Ratio Lower Upper
122 100
105 0.0 96.0 136.0#
77 128.2 80.1 120.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BG060327.D
Acq: 12 Jan 2024 22:34

Tgt Ion:164 Resp: 653681
Ion Ratio Lower Upper
164 100
162 104.4 84.4 126.6
160 45.4 34.6 52.0

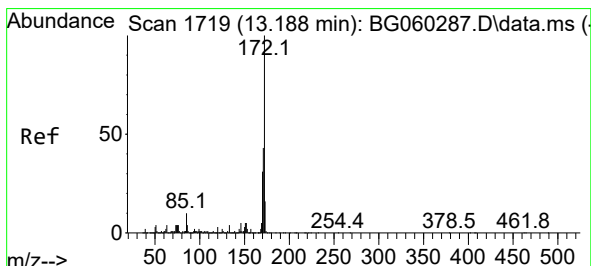
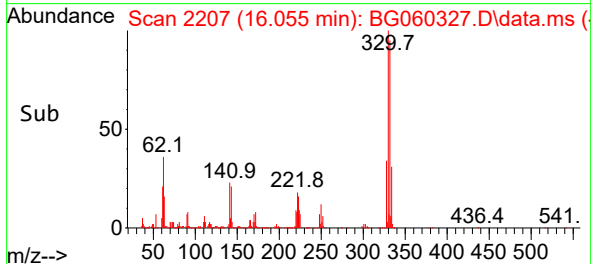
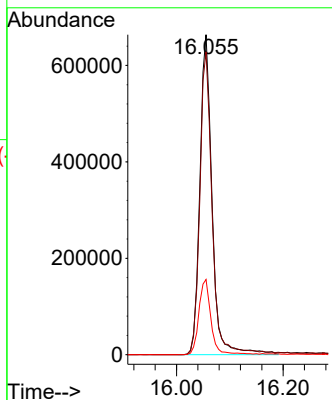
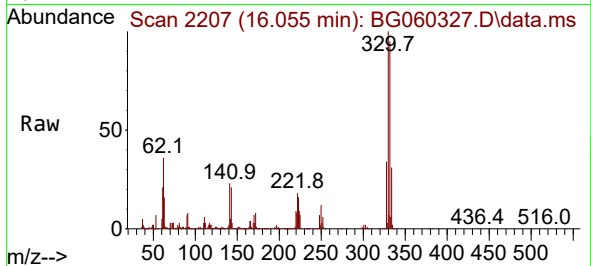




#42
2,4,6-Tribromophenol
Concen: 109.771 ng
RT: 16.055 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG060327.D
Acq: 12 Jan 2024 22:34

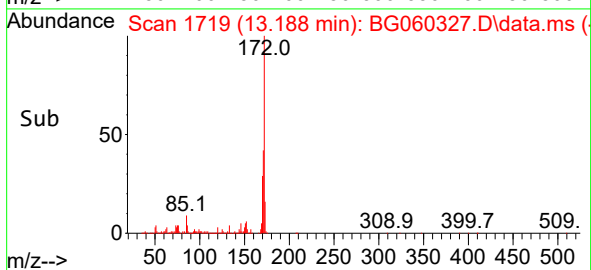
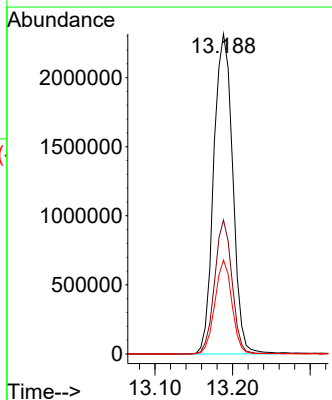
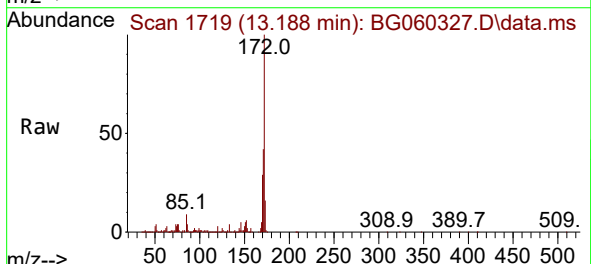
Instrument :
BNA_G
ClientSampleId :
WC-2

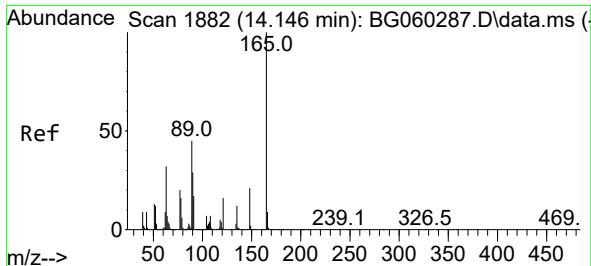
Tgt Ion:330 Resp: 1055727
Ion Ratio Lower Upper
330 100
332 96.5 76.7 115.1
141 23.3 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 83.689 ng
RT: 13.188 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BG060327.D
Acq: 12 Jan 2024 22:34

Tgt Ion:172 Resp: 3934805
Ion Ratio Lower Upper
172 100
171 41.9 34.6 51.8
170 29.4 24.4 36.6

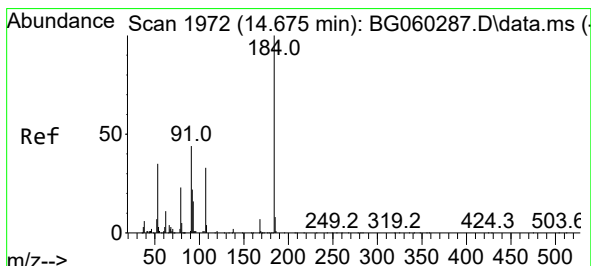
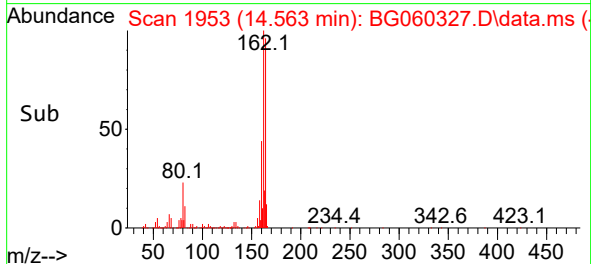
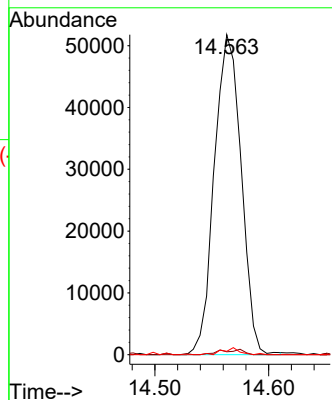
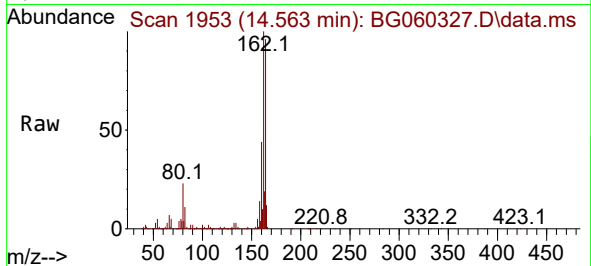




#51
2,6-Dinitrotoluene
Concen: 7.973 ng
RT: 14.563 min Scan# 1953
Delta R.T. 0.417 min
Lab File: BG060327.D
Acq: 12 Jan 2024 22:34

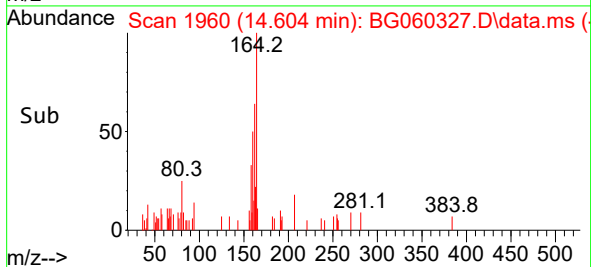
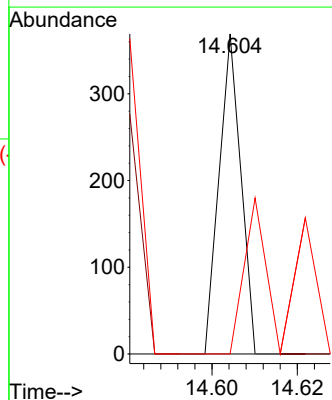
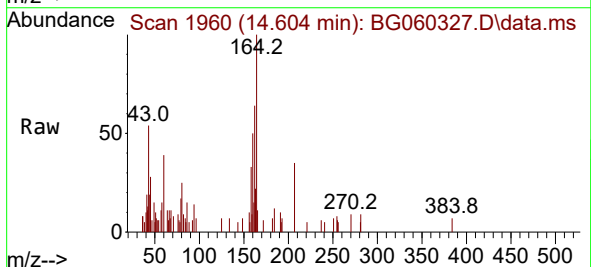
Instrument :
BNA_G
ClientSampleId :
WC-2

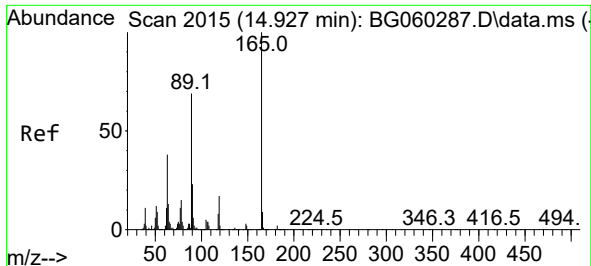
Tgt Ion:165 Resp: 84990
Ion Ratio Lower Upper
165 100
63 0.9 35.0 52.4#
89 1.1 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.605 ng
RT: 14.604 min Scan# 1960
Delta R.T. -0.071 min
Lab File: BG060327.D
Acq: 12 Jan 2024 22:34

Tgt Ion:184 Resp: 130
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: 5.815 ng

RT: 14.563 min Scan# 1953

Delta R.T. -0.364 min

Lab File: BG060327.D

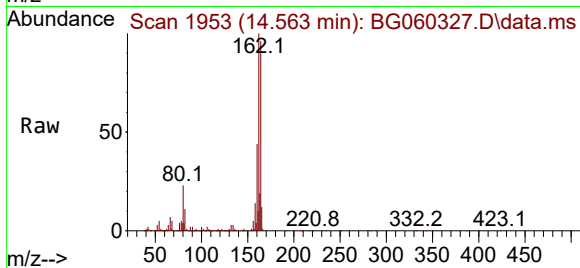
Acq: 12 Jan 2024 22:34

Instrument :

BNA_G

ClientSampleId :

WC-2



Tgt Ion:165 Resp: 84990

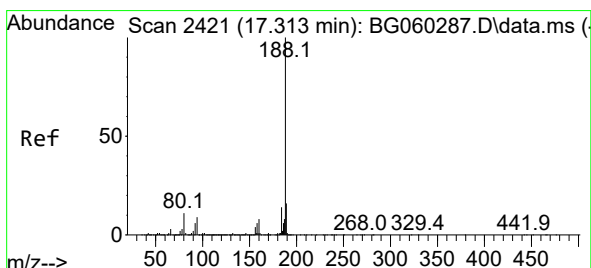
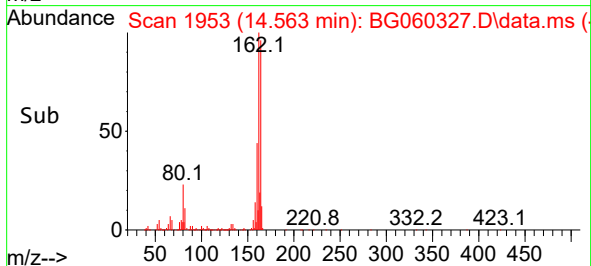
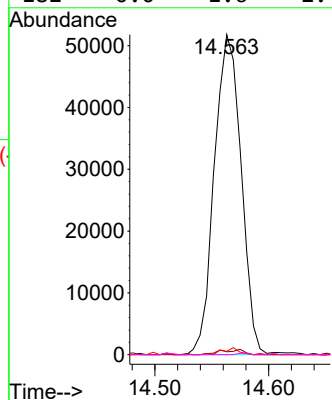
Ion Ratio Lower Upper

165 100

63 0.9 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: 17.313 min Scan# 2421

Delta R.T. 0.000 min

Lab File: BG060327.D

Acq: 12 Jan 2024 22:34

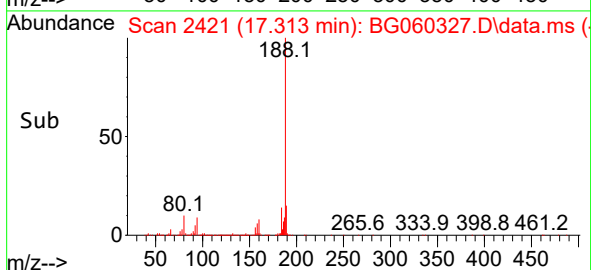
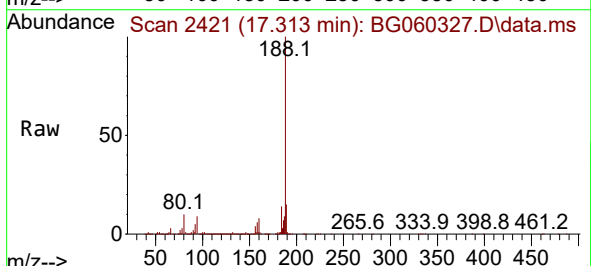
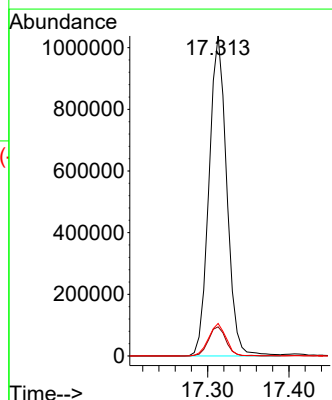
Tgt Ion:188 Resp: 1571811

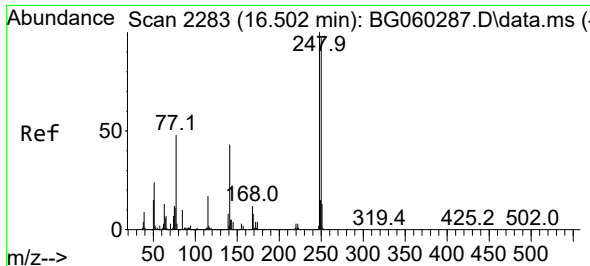
Ion Ratio Lower Upper

188 100

94 9.1 7.1 10.7

80 10.2 8.5 12.7

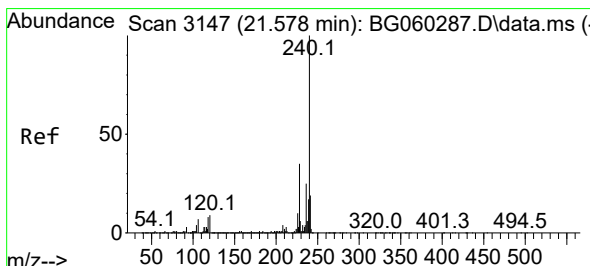
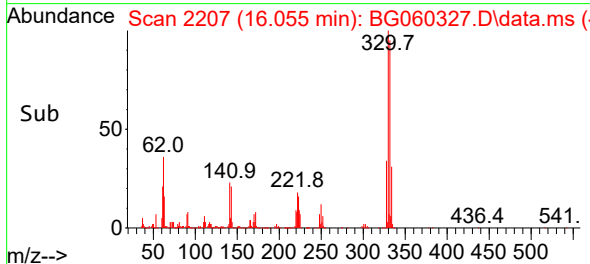
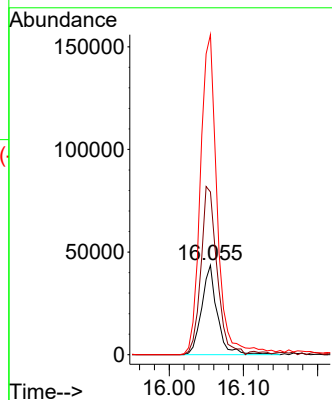
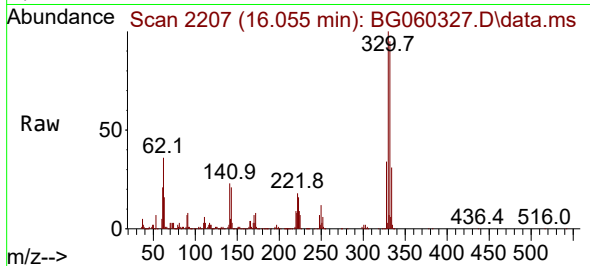




#67
4-Bromophenyl-phenylether
Concen: 3.695 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG060327.D
Acq: 12 Jan 2024 22:34

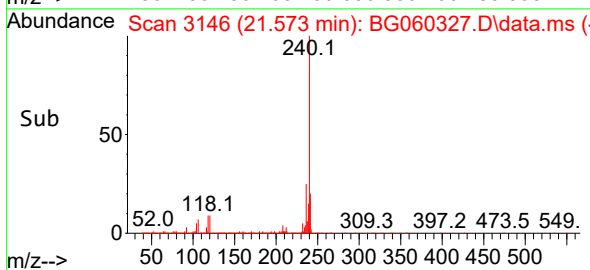
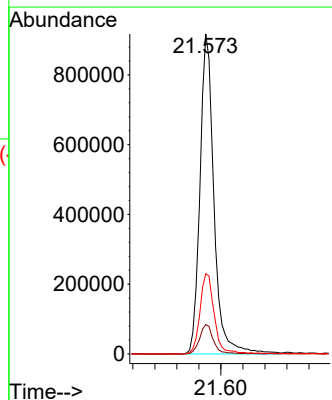
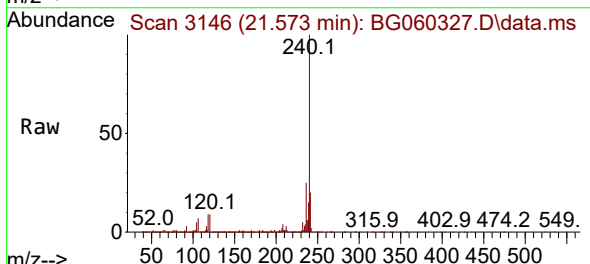
Instrument :
BNA_G
ClientSampleId :
WC-2

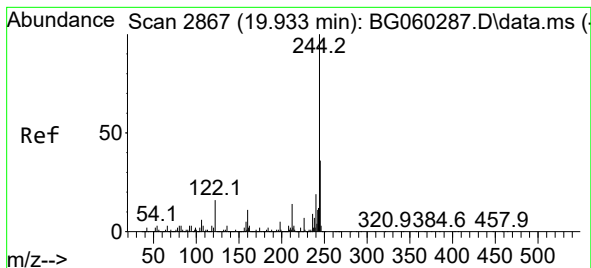
Tgt Ion:248 Resp: 63819
Ion Ratio Lower Upper
248 100
250 181.9 77.6 116.4#
141 357.9 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.573 min Scan# 3146
Delta R.T. -0.006 min
Lab File: BG060327.D
Acq: 12 Jan 2024 22:34

Tgt Ion:240 Resp: 1626275
Ion Ratio Lower Upper
240 100
120 9.2 7.3 10.9
236 25.1 20.3 30.5





#79

Terphenyl-d14

Concen: 90.711 ng

RT: 19.933 min Scan# 2

Delta R.T. 0.000 min

Lab File: BG060327.D

Acq: 12 Jan 2024 22:34

Instrument :

BNA_G

ClientSampleId :

WC-2

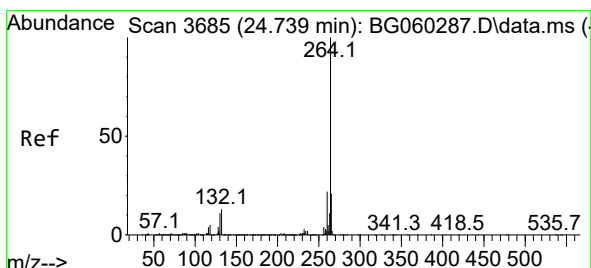
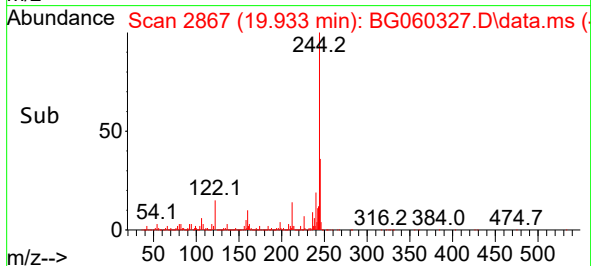
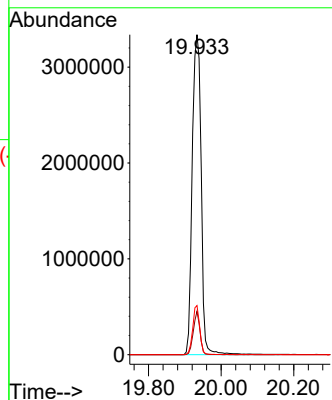
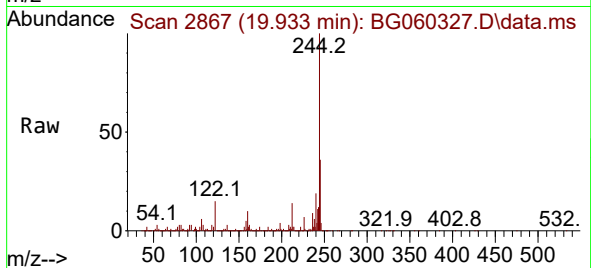
Tgt Ion:244 Resp: 5704123

Ion Ratio Lower Upper

244 100

212 13.6 10.9 16.3

122 15.4 12.6 18.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.745 min Scan# 3686

Delta R.T. 0.006 min

Lab File: BG060327.D

Acq: 12 Jan 2024 22:34

Tgt Ion:264 Resp: 1734630

Ion Ratio Lower Upper

264 100

260 23.8 17.8 26.6

265 22.0 16.8 25.2

