

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011524\
 Data File : BG060330.D
 Acq On : 15 Jan 2024 12:45
 Operator : MA/JU
 Sample : PB158419BL
 Misc : 8270 SURROGATES
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158419BL

Quant Time: Jan 15 13:45:29 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)

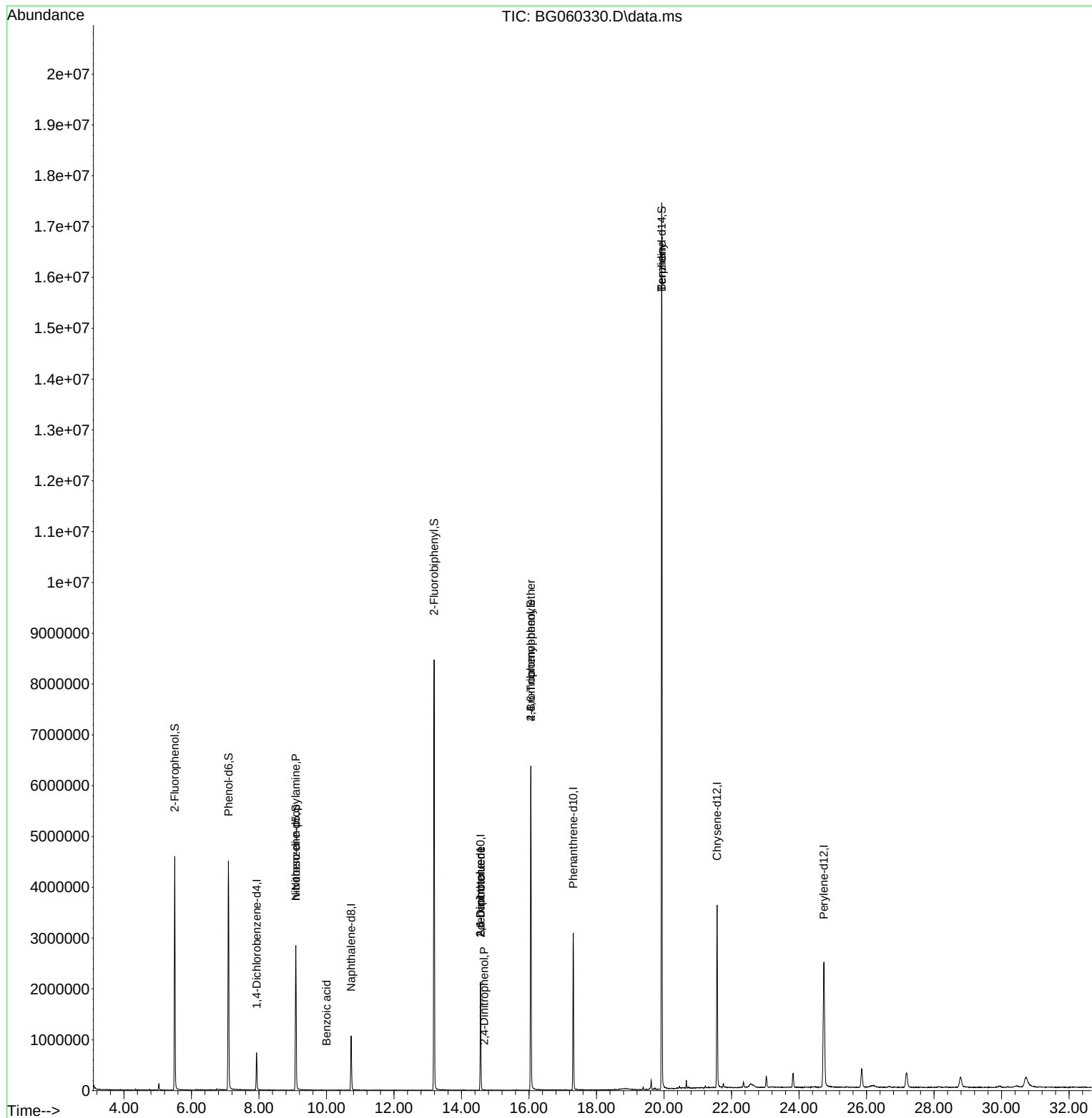
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	239921	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	990341	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	743733	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	2109180	20.000	ng	0.00
76) Chrysene-d12	21.572	240	2267110	20.000	ng	0.00
86) Perylene-d12	24.733	264	2531238	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	2117575	145.171	ng	0.00
7) Phenol-d6	7.095	99	3024780	140.039	ng	0.00
23) Nitrobenzene-d5	9.093	82	1943998	92.691	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	1427453	130.451	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	4454763	83.276	ng	0.00
79) Terphenyl-d14	19.933	244	6830258	71.628	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.093	70	232982	15.585	ng	# 87
32) Benzoic acid	9.998	122	69	10.207	ng	# 1
51) 2,6-Dinitrotoluene	14.563	165	98228	8.100	ng	# 33
54) 2,4-Dinitrophenol	14.674	184	76	8.596	ng	# 27
57) 2,4-Dinitrotoluene	14.563	165	98228	5.907	ng	# 26
67) 4-Bromophenyl-phenylether	16.055	248	86601	3.737	ng	# 1
77) Benzidine	19.933	184	162700	3.303	ng	# 93

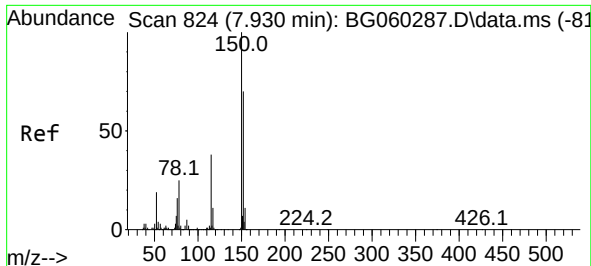
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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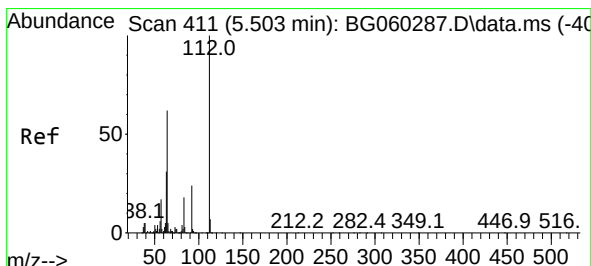
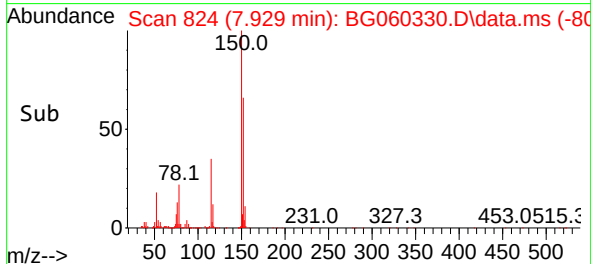
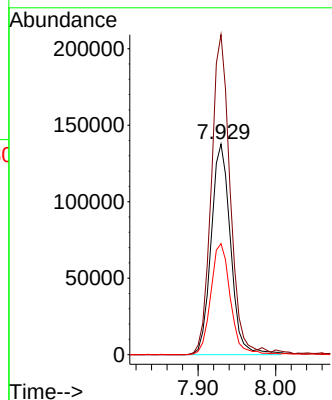
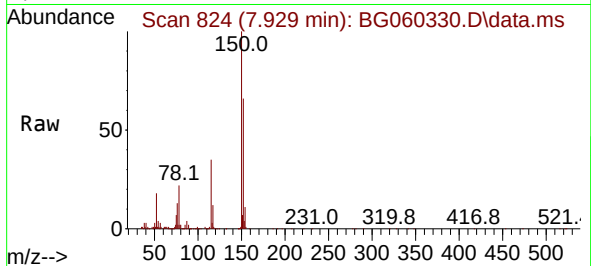




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060330.D
Acq: 15 Jan 2024 12:45

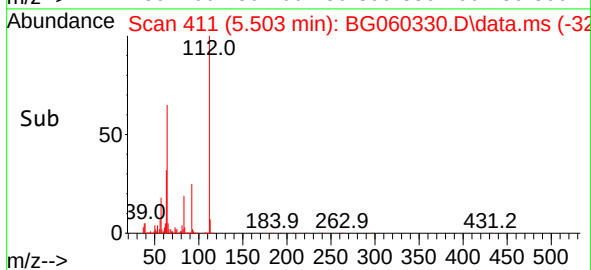
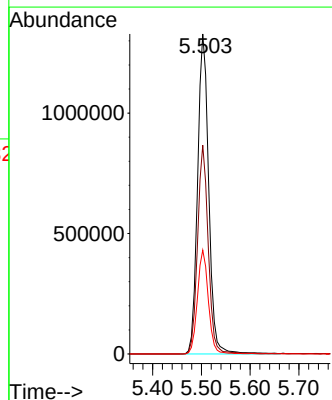
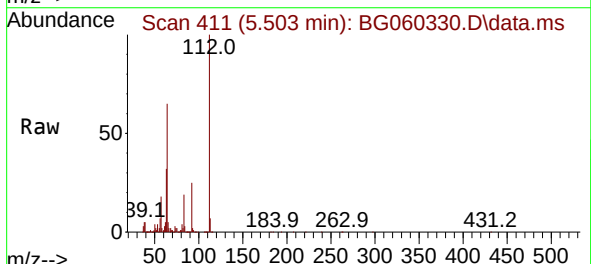
Instrument :
BNA_G
ClientSampleId :
PB158419BL

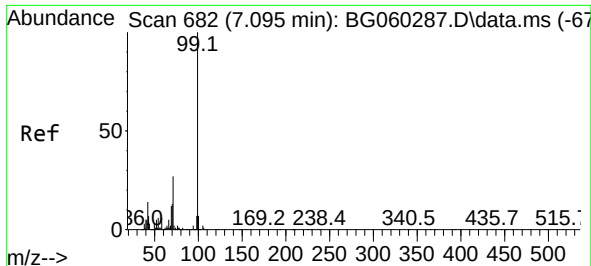
Tgt Ion:152 Resp: 239921
Ion Ratio Lower Upper
152 100
150 152.0 114.5 171.7
115 52.7 43.0 64.6



#5
2-Fluorophenol
Concen: 145.171 ng
RT: 5.503 min Scan# 411
Delta R.T. -0.000 min
Lab File: BG060330.D
Acq: 15 Jan 2024 12:45

Tgt Ion:112 Resp: 2117575
Ion Ratio Lower Upper
112 100
64 65.3 49.8 74.6
63 32.5 24.4 36.6



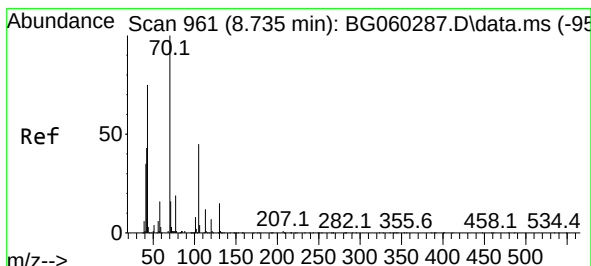
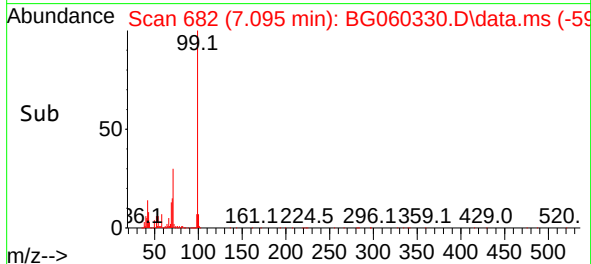
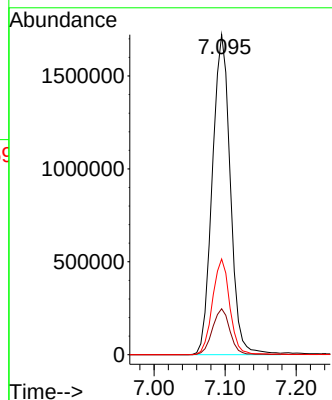
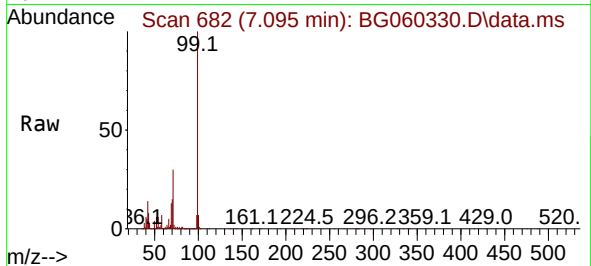


#7
Phenol-d6
Concen: 140.039 ng
RT: 7.095 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG060330.D
Acq: 15 Jan 2024 12:45

Instrument :
BNA_G
ClientSampleId :
PB158419BL

Tgt Ion: 99 Resp: 3024780

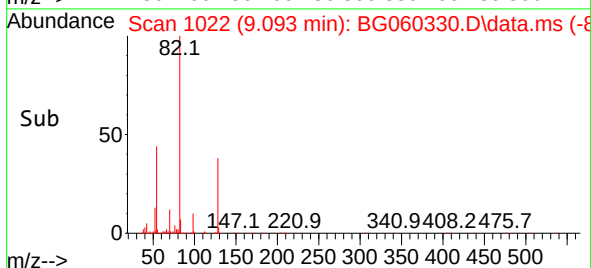
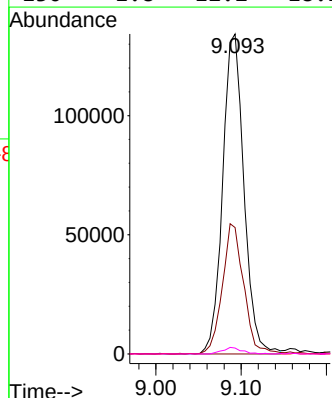
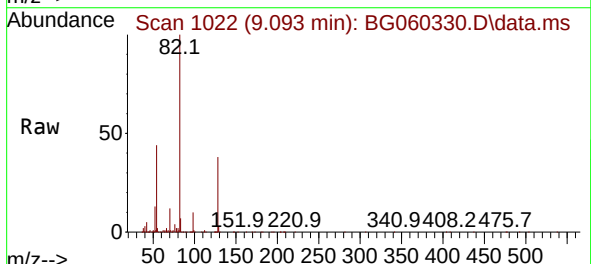
Ion	Ratio	Lower	Upper
99	100		
42	14.4	10.9	16.3
71	29.9	21.5	32.3

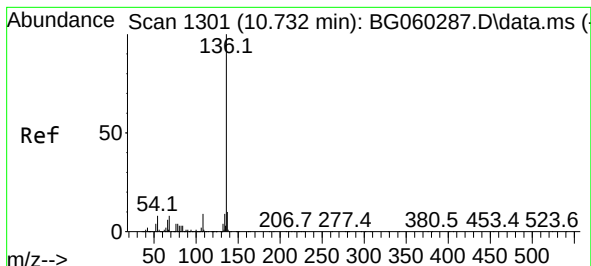


#19
n-Nitroso-di-n-propylamine
Concen: 15.585 ng
RT: 9.093 min Scan# 1022
Delta R.T. 0.358 min
Lab File: BG060330.D
Acq: 15 Jan 2024 12:45

Tgt Ion: 70 Resp: 232982

Ion	Ratio	Lower	Upper
70	100		
42	39.5	34.3	51.5
101	0.0	6.2	9.2#
130	1.8	12.2	18.2#

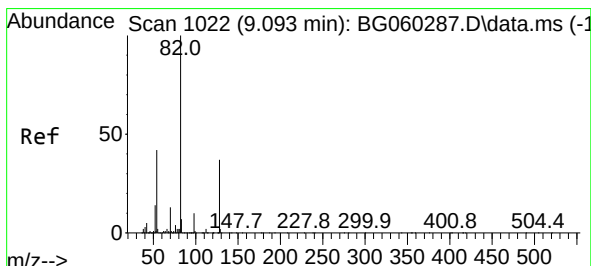
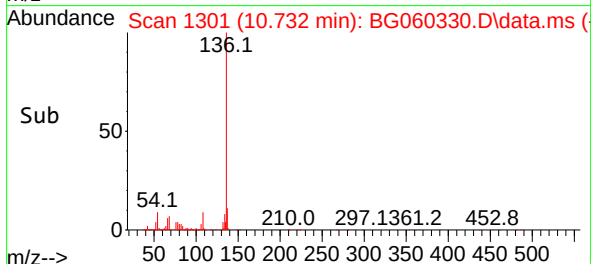
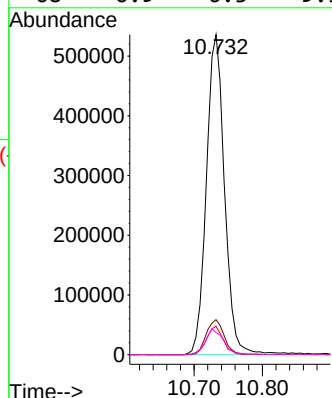
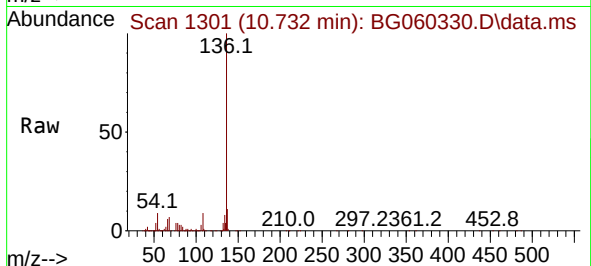




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BG060330.D
Acq: 15 Jan 2024 12:45

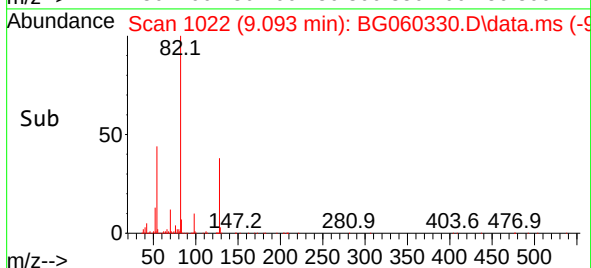
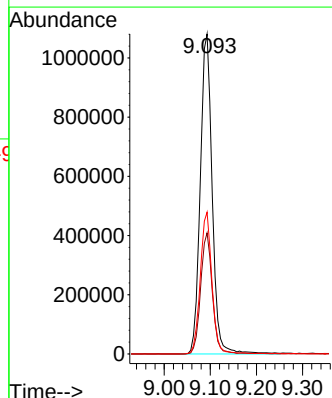
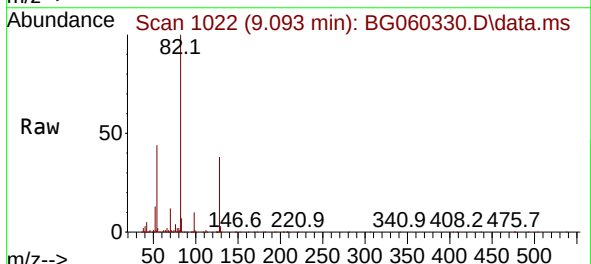
Instrument :
BNA_G
ClientSampleId :
PB158419BL

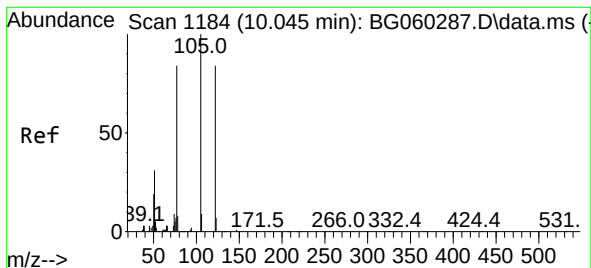
Tgt Ion:	136	Resp:	990341
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.4
54	8.9	6.2	9.2
68	6.9	6.3	9.5



#23
Nitrobenzene-d5
Concen: 92.691 ng
RT: 9.093 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BG060330.D
Acq: 15 Jan 2024 12:45

Tgt Ion:	82	Resp:	1943998
Ion	Ratio	Lower	Upper
82	100		
128	37.8	29.6	44.4
54	44.3	33.6	50.4

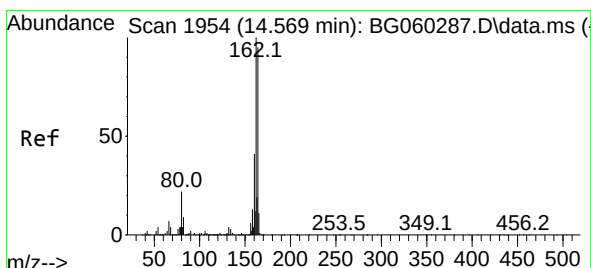
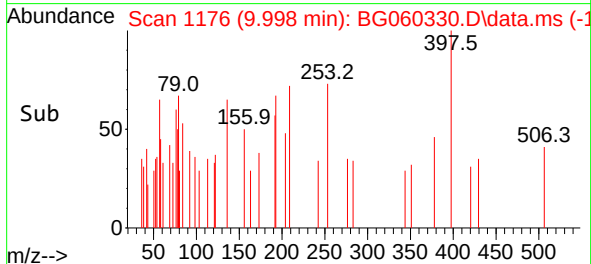
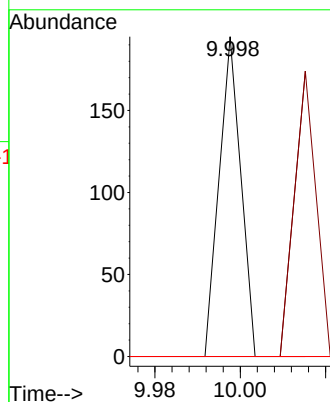
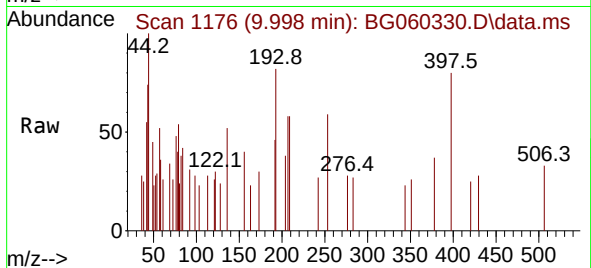




#32
Benzoic acid
Concen: 10.207 ng
RT: 9.998 min Scan# 1184
Delta R.T. -0.047 min
Lab File: BG060330.D
Acq: 15 Jan 2024 12:45

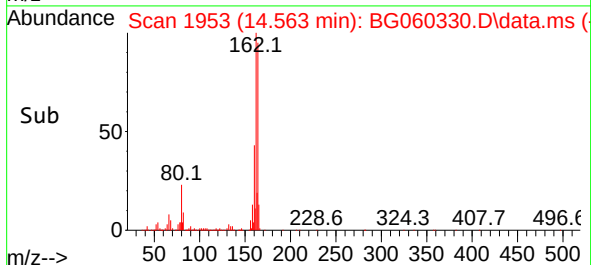
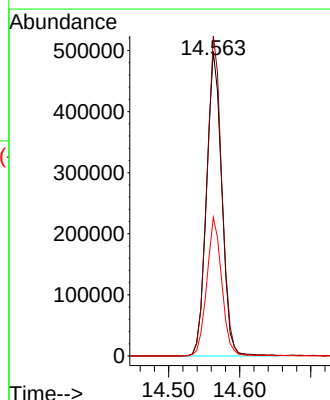
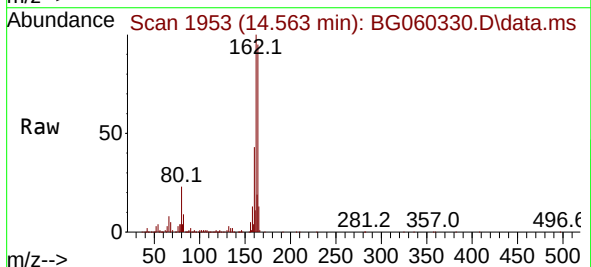
Instrument :
BNA_G
ClientSampleId :
PB158419BL

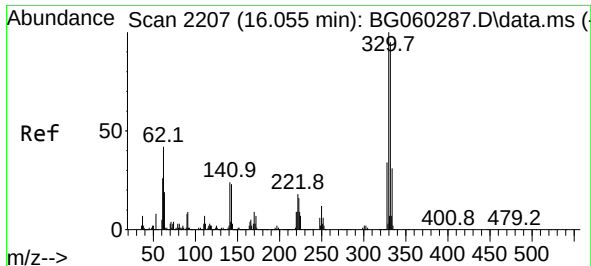
Tgt Ion:122 Resp: 69
Ion Ratio Lower Upper
122 100
105 0.0 96.0 136.0#
77 0.0 80.1 120.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BG060330.D
Acq: 15 Jan 2024 12:45

Tgt Ion:164 Resp: 743733
Ion Ratio Lower Upper
164 100
162 105.1 84.4 126.6
160 45.5 34.6 52.0

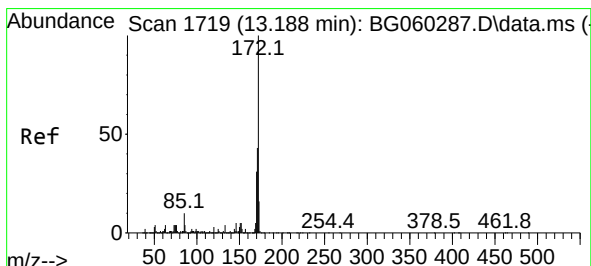
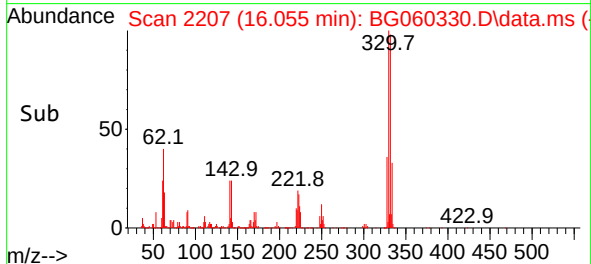
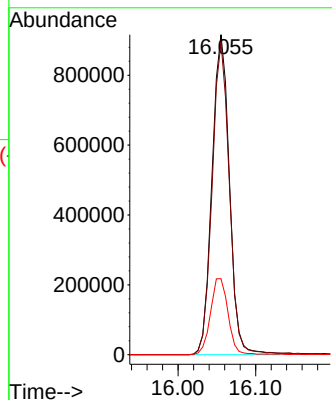
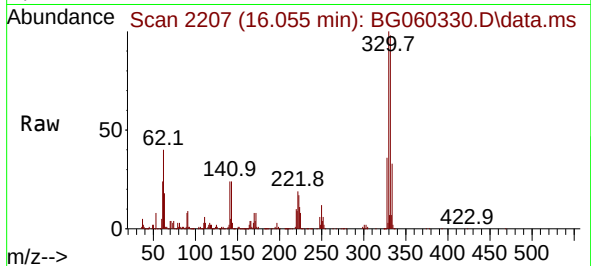




#42
2,4,6-Tribromophenol
Concen: 130.451 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG060330.D
Acq: 15 Jan 2024 12:45

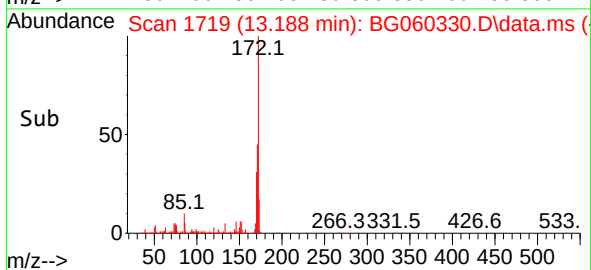
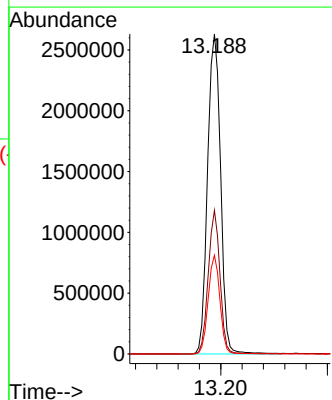
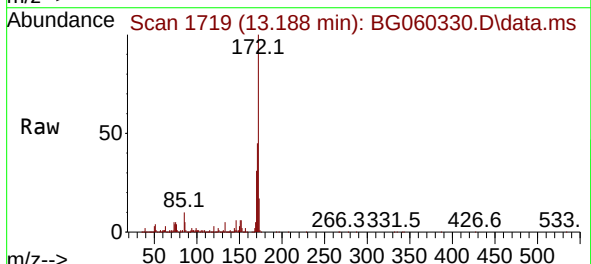
Instrument :
BNA_G
ClientSampleId :
PB158419BL

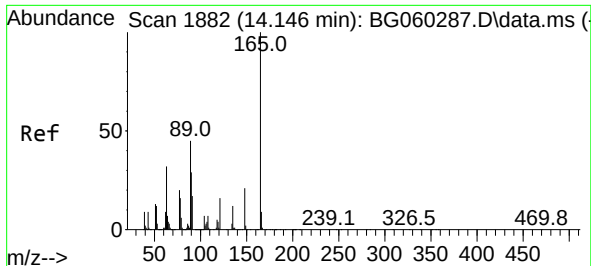
Tgt Ion:330 Resp: 1427453
Ion Ratio Lower Upper
330 100
332 97.1 76.7 115.1
141 24.0 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 83.276 ng
RT: 13.188 min Scan# 1719
Delta R.T. -0.000 min
Lab File: BG060330.D
Acq: 15 Jan 2024 12:45

Tgt Ion:172 Resp: 4454763
Ion Ratio Lower Upper
172 100
171 44.9 34.6 51.8
170 30.8 24.4 36.6





#51

2,6-Dinitrotoluene

Concen: 8.100 ng

RT: 14.563 min Scan# 1953

Delta R.T. 0.417 min

Lab File: BG060330.D

Acq: 15 Jan 2024 12:45

Instrument :

BNA_G

ClientSampleId :

PB158419BL

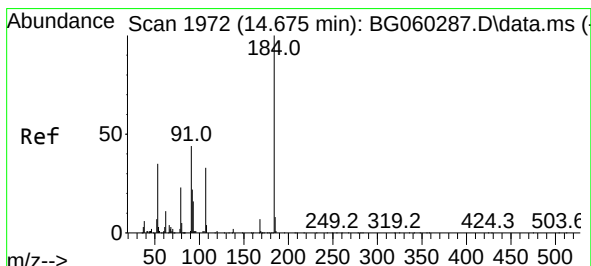
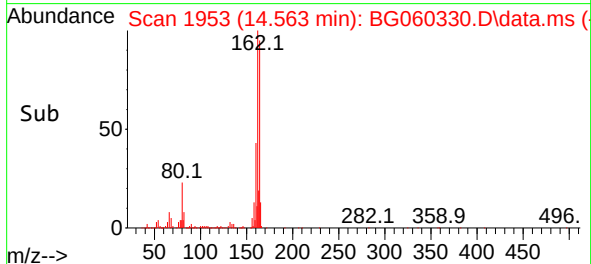
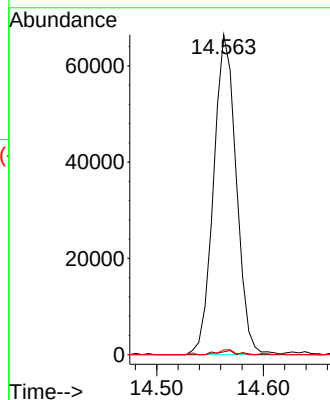
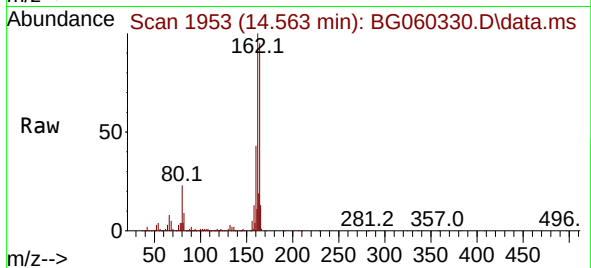
Tgt Ion:165 Resp: 98228

Ion Ratio Lower Upper

165 100

63 0.9 35.0 52.4#

89 1.5 36.2 54.2#



#54

2,4-Dinitrophenol

Concen: 8.596 ng

RT: 14.674 min Scan# 1972

Delta R.T. -0.001 min

Lab File: BG060330.D

Acq: 15 Jan 2024 12:45

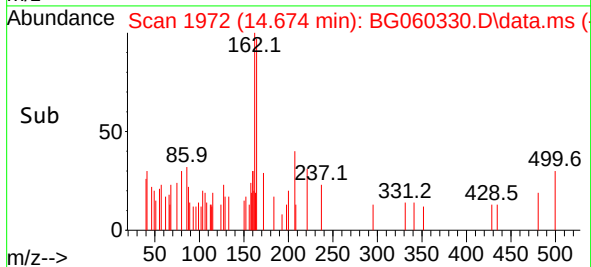
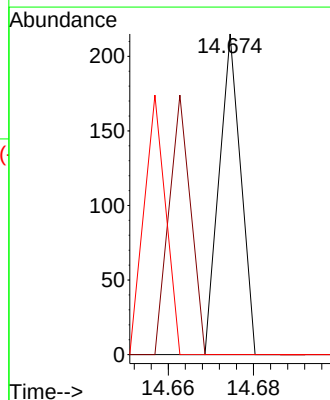
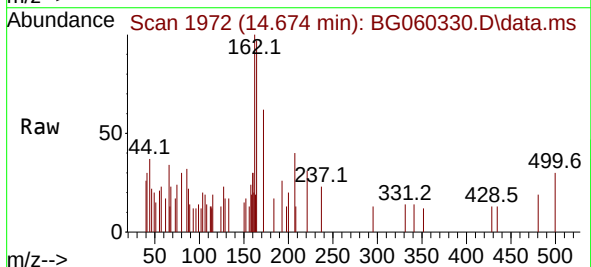
Tgt Ion:184 Resp: 76

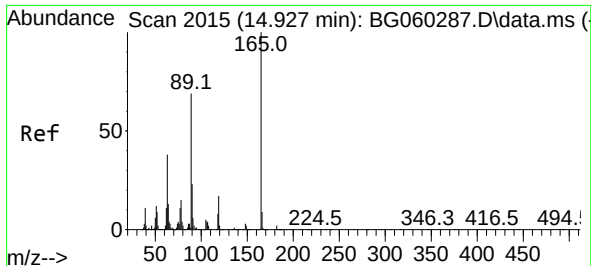
Ion Ratio Lower Upper

184 100

63 0.0 41.0 61.4#

154 0.0 39.2 58.8#





#57

2,4-Dinitrotoluene

Concen: 5.907 ng

RT: 14.563 min Scan# 1953

Delta R.T. -0.364 min

Lab File: BG060330.D

Acq: 15 Jan 2024 12:45

Instrument :

BNA_G

ClientSampleId :

PB158419BL

Tgt Ion:165 Resp: 98228

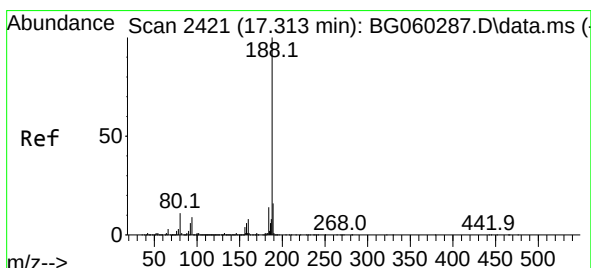
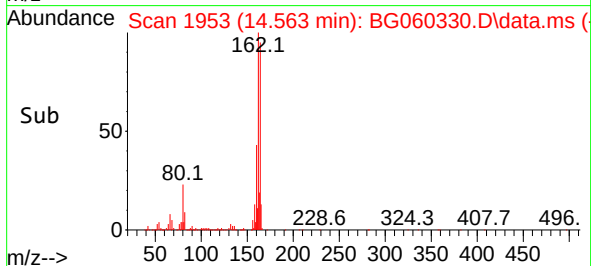
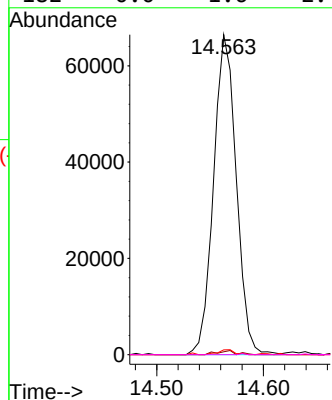
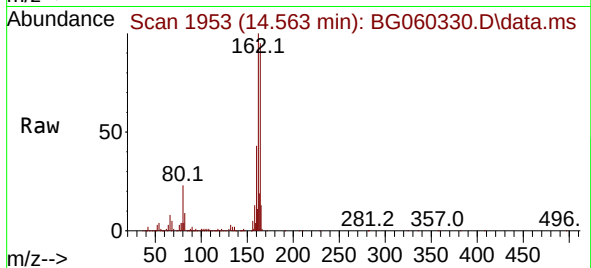
Ion Ratio Lower Upper

165 100

63 0.9 30.4 45.6#

89 1.5 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: BG060330.D

Acq: 15 Jan 2024 12:45

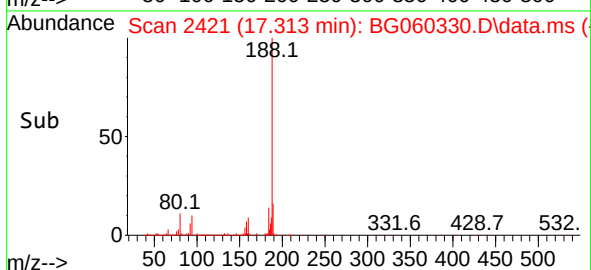
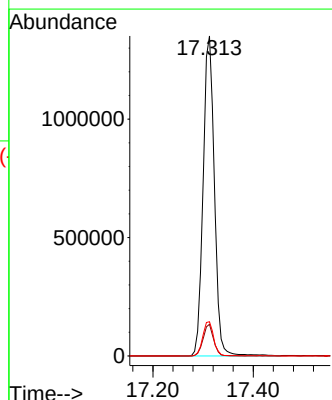
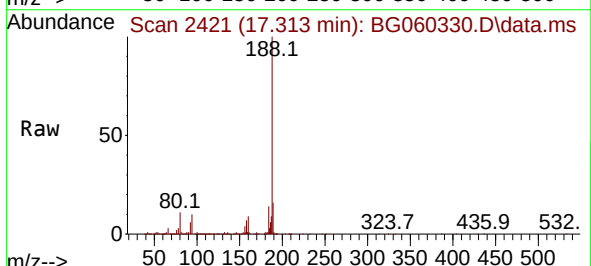
Tgt Ion:188 Resp: 2109180

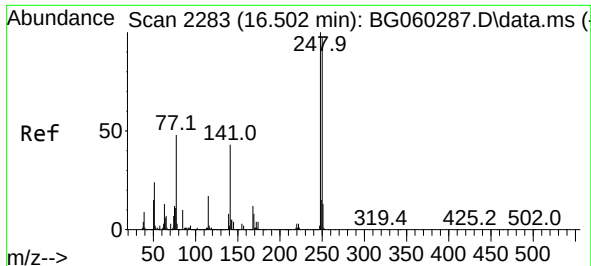
Ion Ratio Lower Upper

188 100

94 9.9 7.1 10.7

80 10.7 8.5 12.7

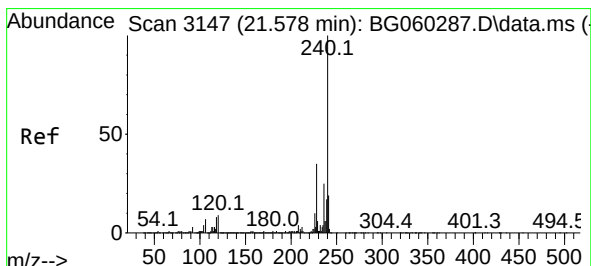
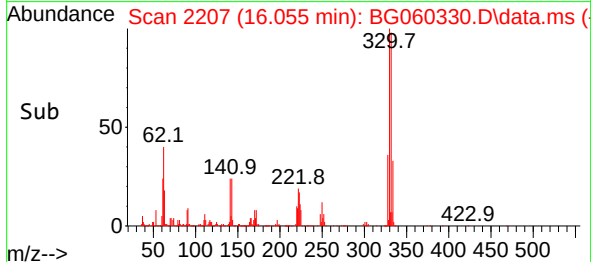
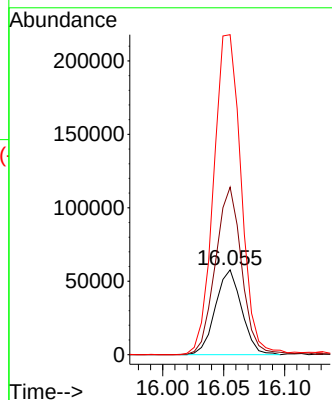
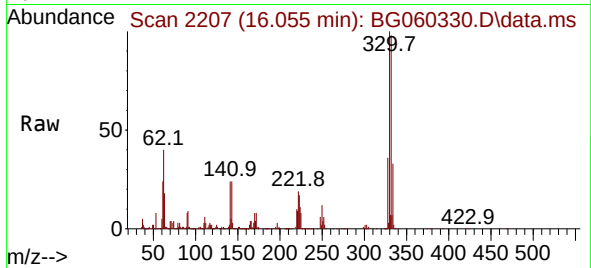




#67
4-Bromophenyl-phenylether
Concen: 3.737 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG060330.D
Acq: 15 Jan 2024 12:45

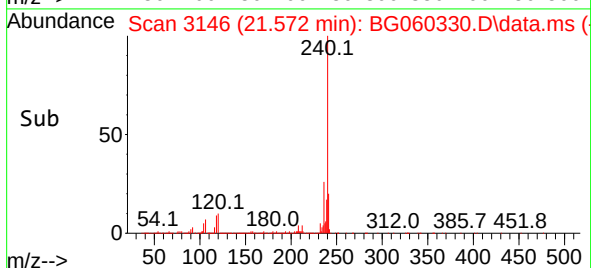
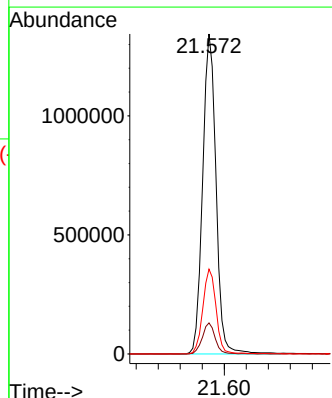
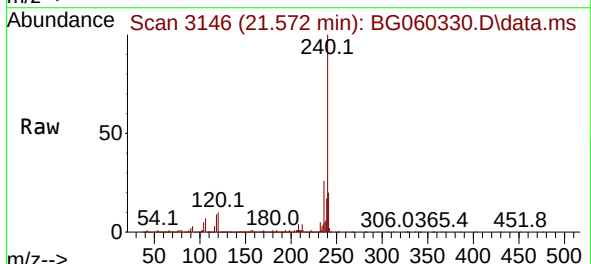
Instrument :
BNA_G
ClientSampleId :
PB158419BL

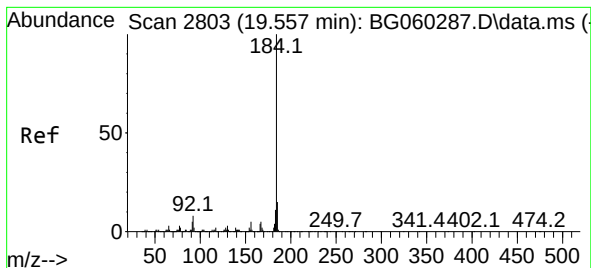
Tgt Ion:248 Resp: 86601
Ion Ratio Lower Upper
248 100
250 197.6 77.6 116.4#
141 377.5 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3146
Delta R.T. -0.006 min
Lab File: BG060330.D
Acq: 15 Jan 2024 12:45

Tgt Ion:240 Resp: 2267110
Ion Ratio Lower Upper
240 100
120 9.7 7.3 10.9
236 26.5 20.3 30.5





#77

Benzidine

Concen: 3.303 ng

RT: 19.933 min Scan# 2867

Delta R.T. 0.376 min

Lab File: BG060330.D

Acq: 15 Jan 2024 12:45

Instrument :

BNA_G

ClientSampleId :

PB158419BL

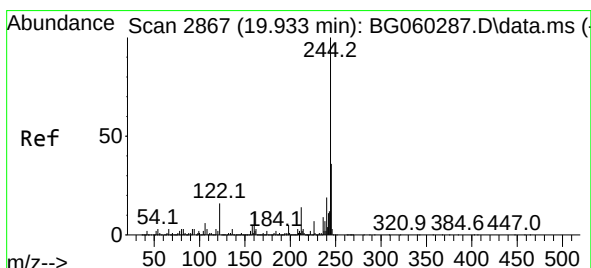
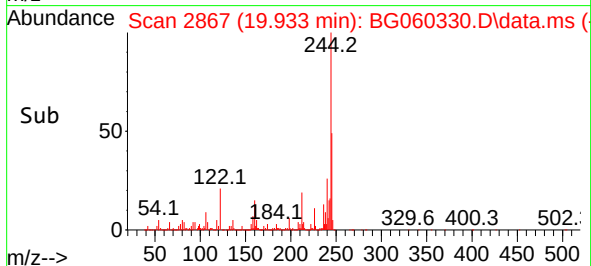
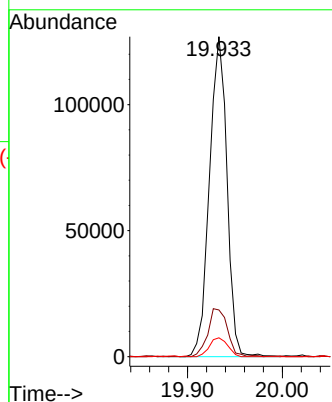
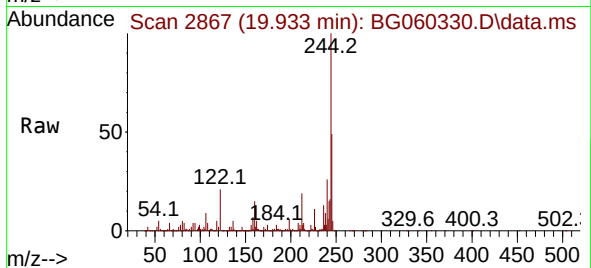
Tgt Ion:184 Resp: 162700

Ion Ratio Lower Upper

184 100

185 14.6 12.2 18.4

183 5.9 9.0 13.4#



#79

Terphenyl-d14

Concen: 71.628 ng

RT: 19.933 min Scan# 2867

Delta R.T. 0.000 min

Lab File: BG060330.D

Acq: 15 Jan 2024 12:45

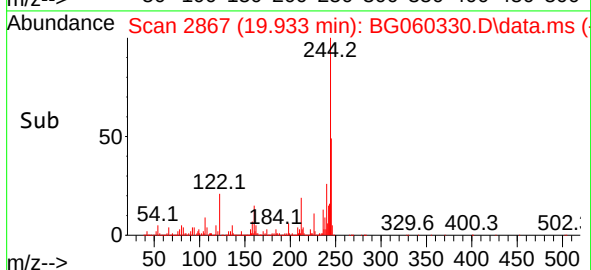
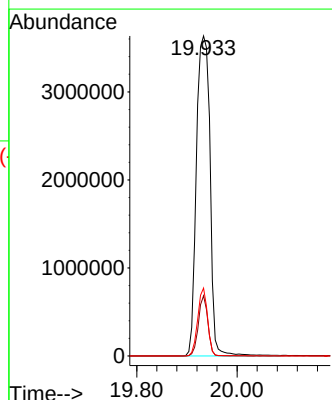
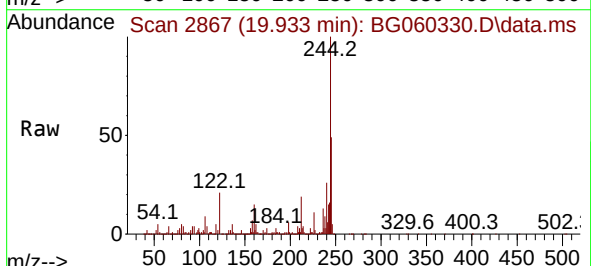
Tgt Ion:244 Resp: 6830258

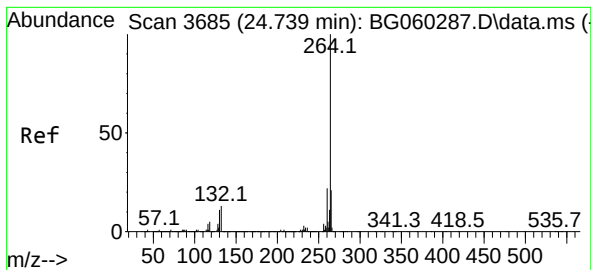
Ion Ratio Lower Upper

244 100

212 18.8 10.9 16.3#

122 21.2 12.6 18.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.733 min Scan# 30
Delta R.T. -0.006 min
Lab File: BG060330.D
Acq: 15 Jan 2024 12:45

Instrument :
BNA_G
ClientSampleId :
PB158419BL

Tgt Ion:264 Resp: 2531238

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.8	26.6
265	21.5	16.8	25.2

