

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020224\
 Data File : BG060542.D
 Acq On : 1 Feb 2024 21:01
 Operator : MA/JU
 Sample : P1311-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Feb 02 00:42:46 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)

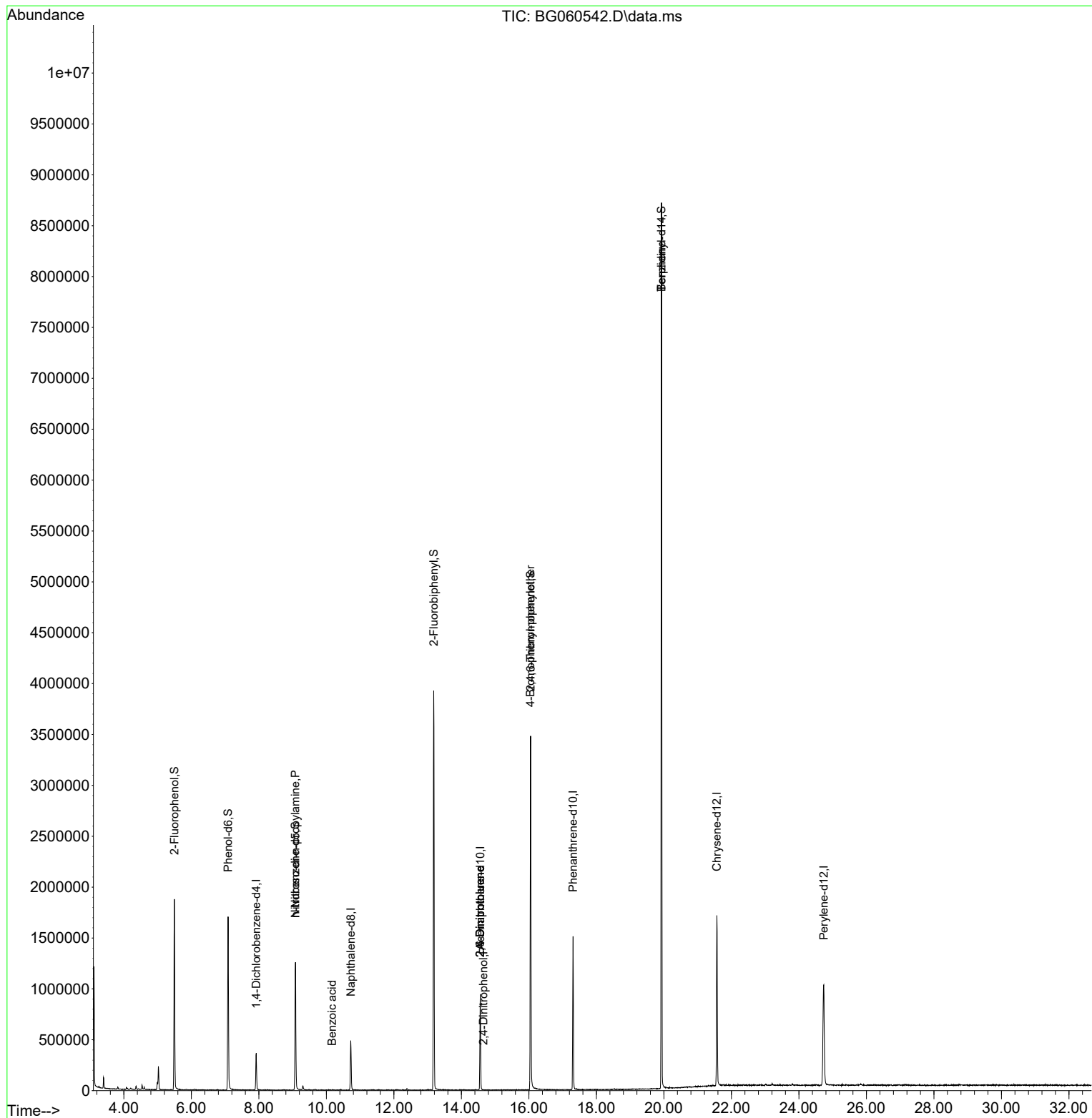
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	115694	20.000	ng	0.00
21) Naphthalene-d8	10.723	136	439437	20.000	ng	0.00
39) Acenaphthene-d10	14.560	164	347184	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	1011371	20.000	ng	# 0.00
76) Chrysene-d12	21.569	240	1041779	20.000	ng	0.00
86) Perylene-d12	24.736	264	1154876	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.494	112	879159	124.987	ng	0.00
7) Phenol-d6	7.086	99	1163169	111.675	ng	0.00
23) Nitrobenzene-d5	9.084	82	846528	90.964	ng	0.00
42) 2,4,6-Tribromophenol	16.052	330	850119	166.426	ng	0.00
45) 2-Fluorobiphenyl	13.179	172	2231338	89.355	ng	0.00
79) Terphenyl-d14	19.930	244	4458903	138.232	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.084	70	101473	14.076	ng	# 83
32) Benzoic acid	10.171	122	188	10.237	ng	# 1
51) 2,6-Dinitrotoluene	14.554	165	47056	8.312	ng	# 33
54) 2,4-Dinitrophenol	14.654	184	69	8.605	ng	# 27
57) 2,4-Dinitrotoluene	14.554	165	47056	6.061	ng	# 26
67) 4-Bromophenyl-phenylether	16.046	248	53493	4.814	ng	# 1
77) Benzidine	19.930	184	67897	3.000	ng	# 93

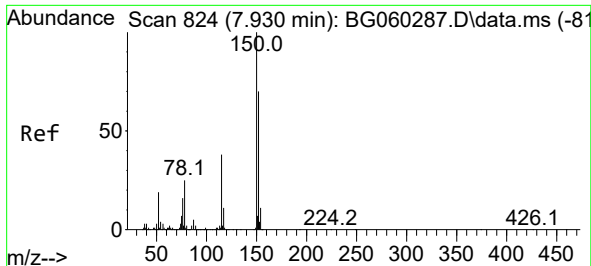
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020224\
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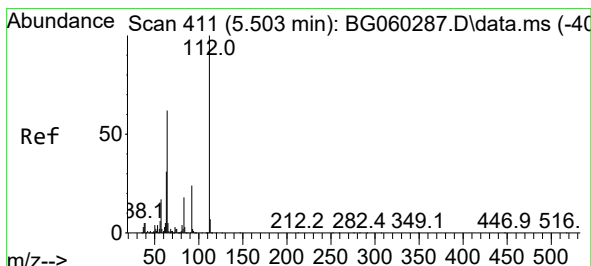
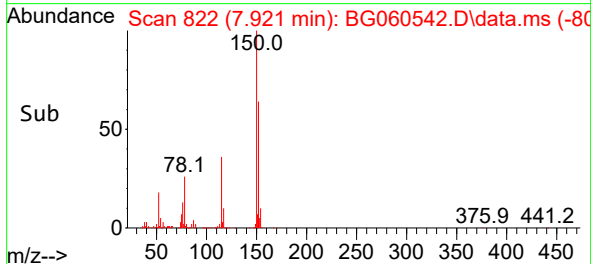
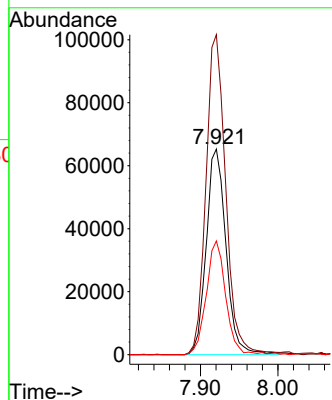
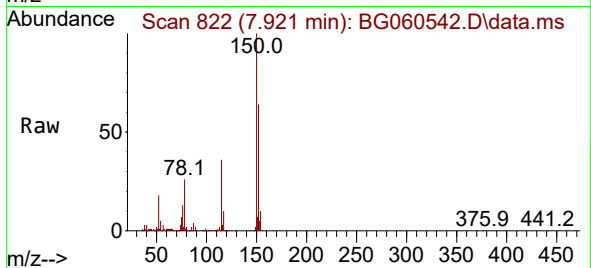




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.921 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG060542.D
Acq: 1 Feb 2024 21:01

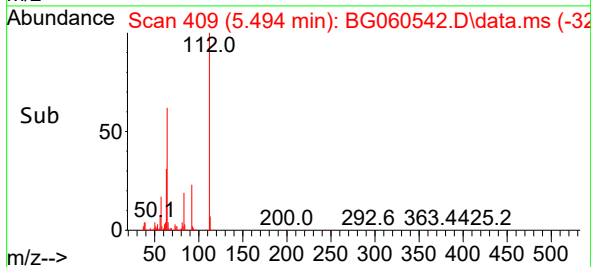
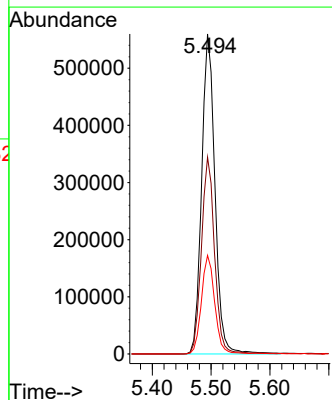
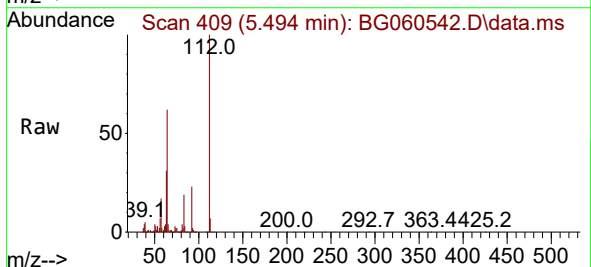
Instrument :
BNA_G
ClientSampleId :
TP-3

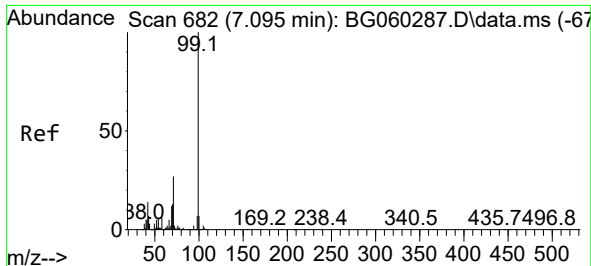
Tgt Ion:152 Resp: 115694
Ion Ratio Lower Upper
152 100
150 155.6 114.5 171.7
115 55.3 43.0 64.6



#5
2-Fluorophenol
Concen: 124.987 ng
RT: 5.494 min Scan# 409
Delta R.T. -0.009 min
Lab File: BG060542.D
Acq: 1 Feb 2024 21:01

Tgt Ion:112 Resp: 879159
Ion Ratio Lower Upper
112 100
64 61.5 49.8 74.6
63 30.8 24.4 36.6





#7

Phenol-d6

Concen: 111.675 ng

RT: 7.086 min Scan# 61

Delta R.T. -0.009 min

Lab File: BG060542.D

Acq: 1 Feb 2024 21:01

Instrument :

BNA_G

ClientSampleId :

TP-3

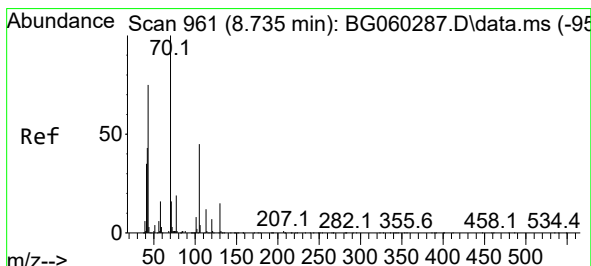
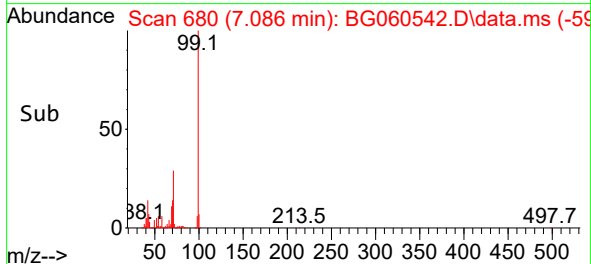
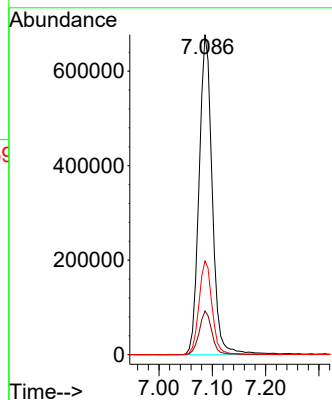
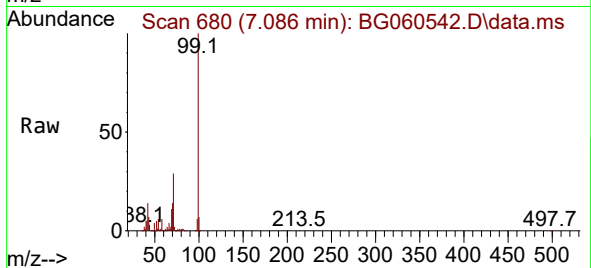
Tgt Ion: 99 Resp: 1163169

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: 14.076 ng

RT: 9.084 min Scan# 1020

Delta R.T. 0.349 min

Lab File: BG060542.D

Acq: 1 Feb 2024 21:01

Tgt Ion: 70 Resp: 101473

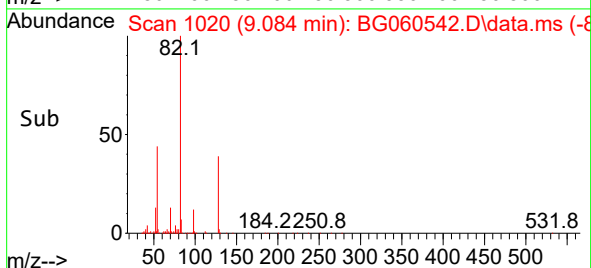
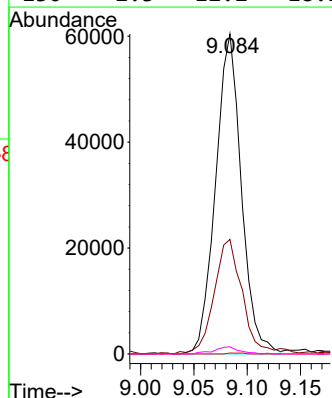
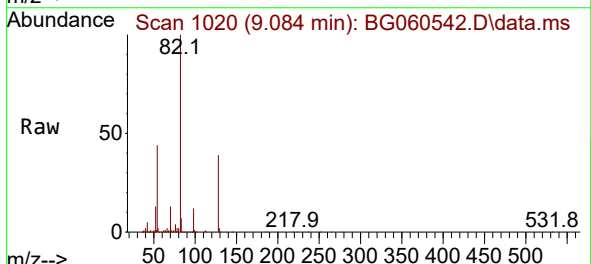
Ion Ratio Lower Upper

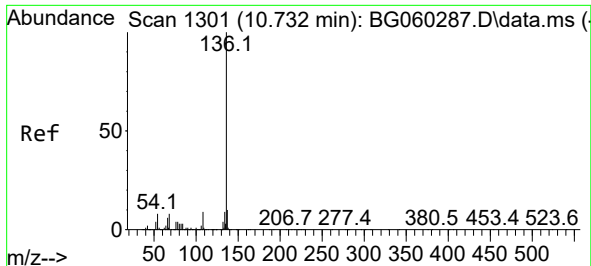
70 100

42 35.8 34.3 51.5

101 0.3 6.2 9.2#

130 2.3 12.2 18.2#

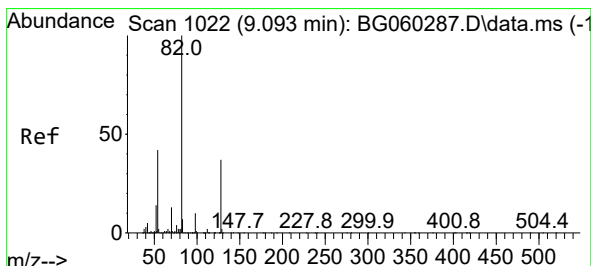
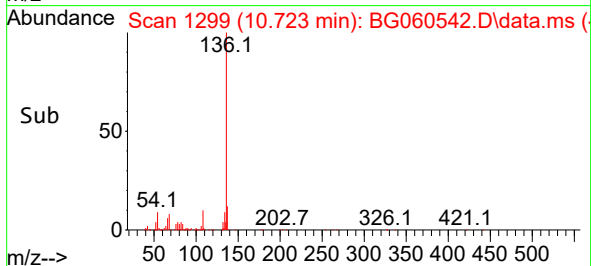
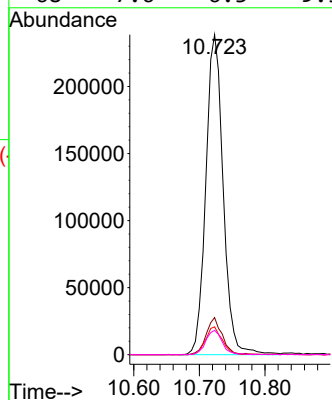
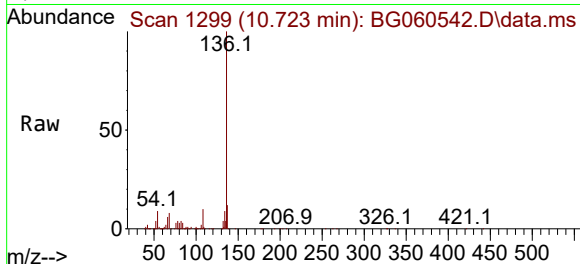




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.723 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG060542.D
Acq: 1 Feb 2024 21:01

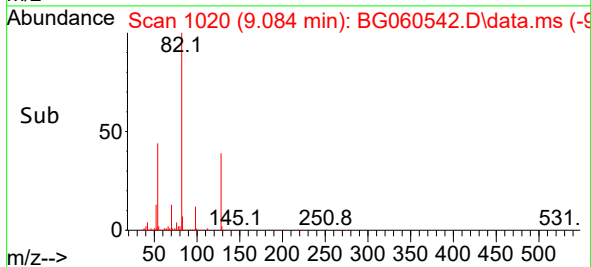
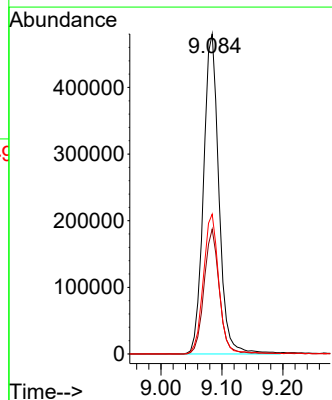
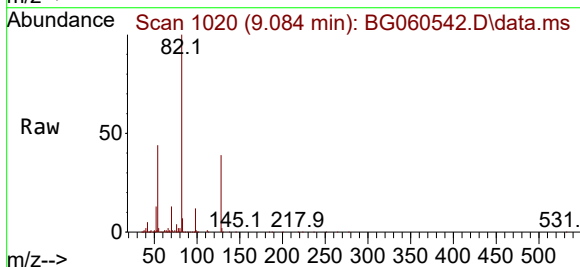
Instrument :
BNA_G
ClientSampleId :
TP-3

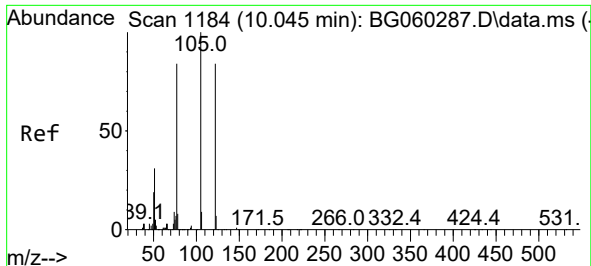
Tgt Ion:	136	Resp:	439437
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.2	12.4
54	8.7	6.2	9.2
68	7.6	6.3	9.5



#23
Nitrobenzene-d5
Concen: 90.964 ng
RT: 9.084 min Scan# 1020
Delta R.T. -0.009 min
Lab File: BG060542.D
Acq: 1 Feb 2024 21:01

Tgt Ion:	82	Resp:	846528
Ion	Ratio	Lower	Upper
82	100		
128	39.0	29.6	44.4
54	43.7	33.6	50.4

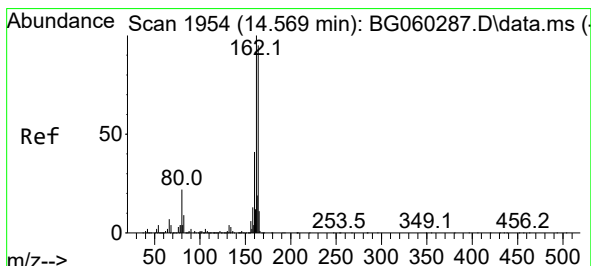
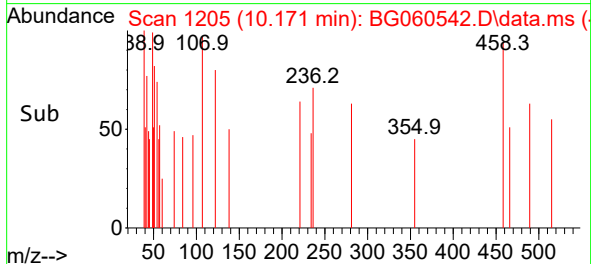
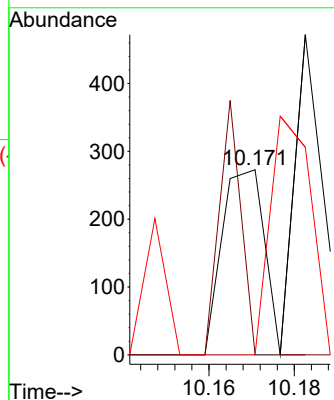
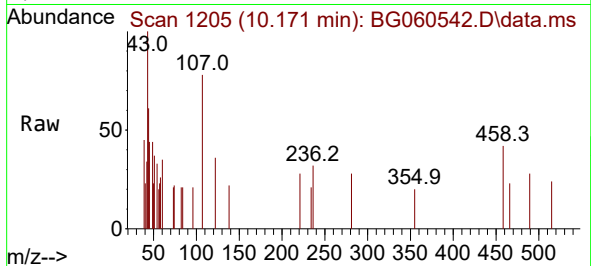




#32
Benzoic acid
Concen: 10.237 ng
RT: 10.171 min Scan# 1184
Delta R.T. 0.126 min
Lab File: BG060542.D
Acq: 1 Feb 2024 21:01

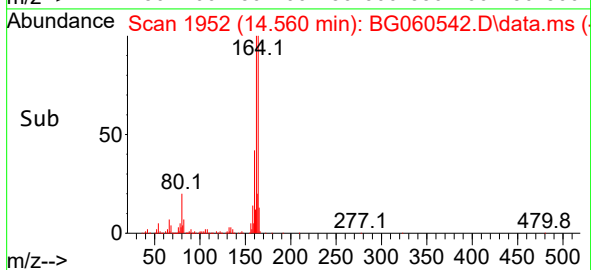
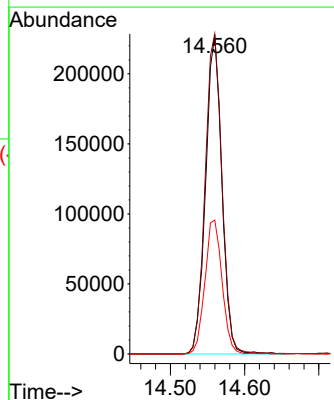
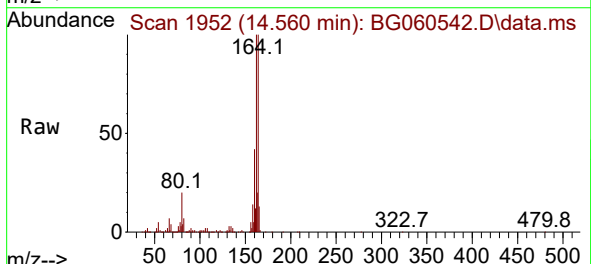
Instrument :
BNA_G
ClientSampleId :
TP-3

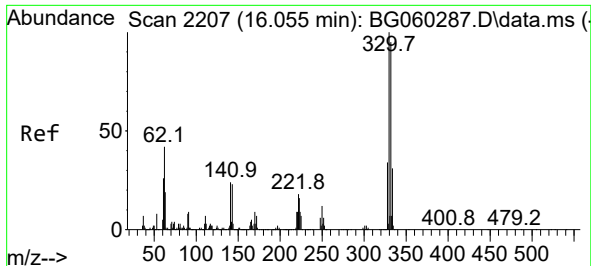
Tgt Ion:122 Resp: 188
Ion Ratio Lower Upper
122 100
105 0.0 96.0 136.0#
77 0.0 80.1 120.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.560 min Scan# 1952
Delta R.T. -0.009 min
Lab File: BG060542.D
Acq: 1 Feb 2024 21:01

Tgt Ion:164 Resp: 347184
Ion Ratio Lower Upper
164 100
162 100.4 84.4 126.6
160 42.0 34.6 52.0

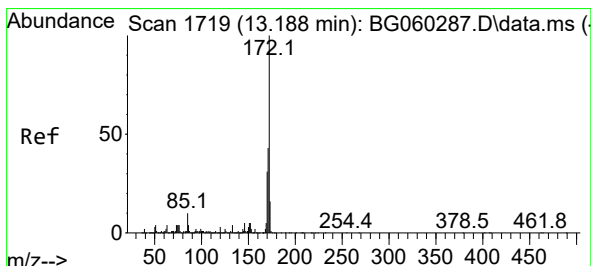
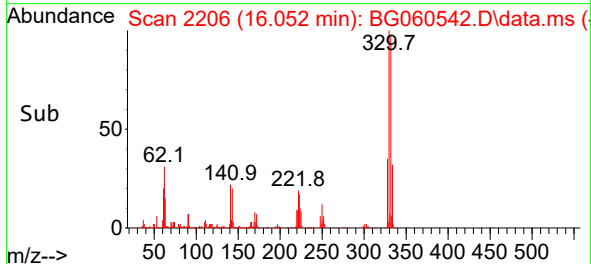
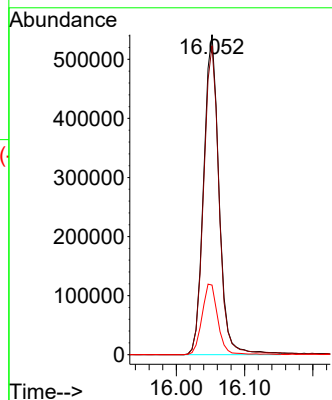
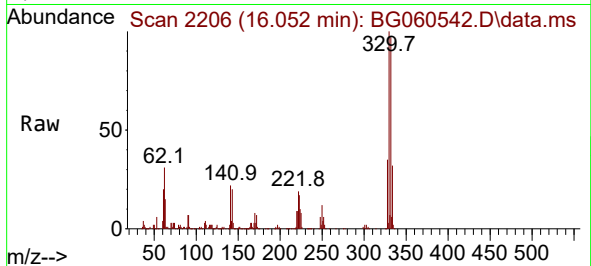




#42
2,4,6-Tribromophenol
Concen: 166.426 ng
RT: 16.052 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060542.D
Acq: 1 Feb 2024 21:01

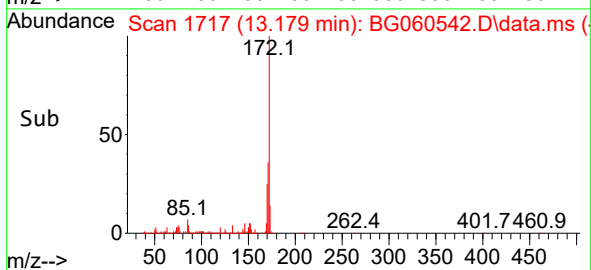
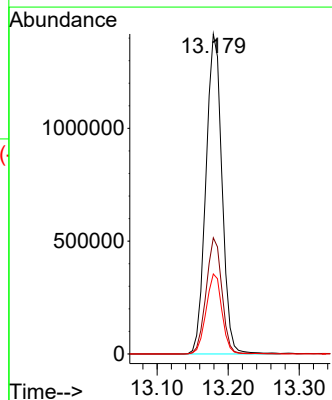
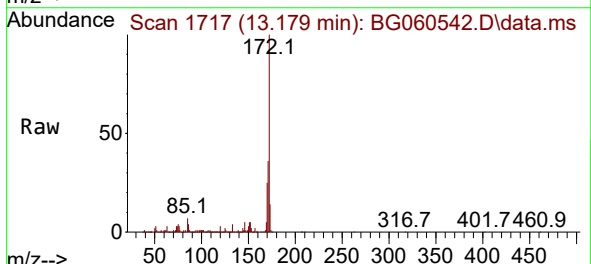
Instrument :
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ClientSampleId :
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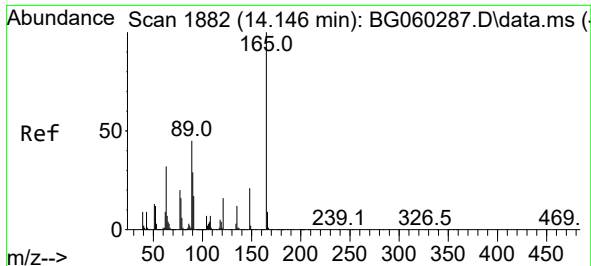
Tgt Ion:330 Resp: 850119
Ion Ratio Lower Upper
330 100
332 97.3 76.7 115.1
141 22.8 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 89.355 ng
RT: 13.179 min Scan# 1717
Delta R.T. -0.009 min
Lab File: BG060542.D
Acq: 1 Feb 2024 21:01

Tgt Ion:172 Resp: 2231338
Ion Ratio Lower Upper
172 100
171 36.3 34.6 51.8
170 25.0 24.4 36.6

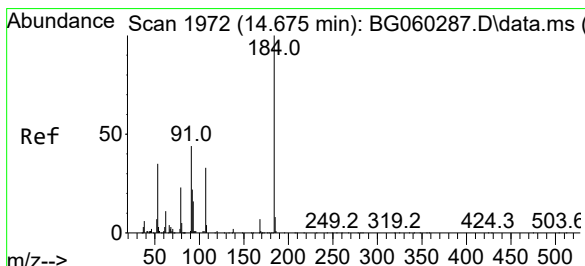
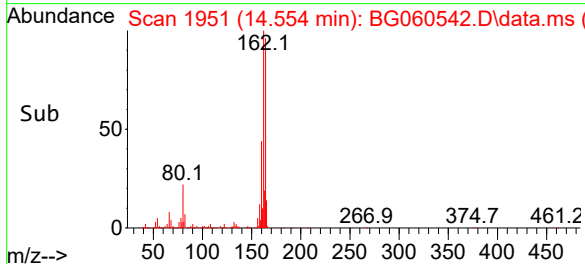
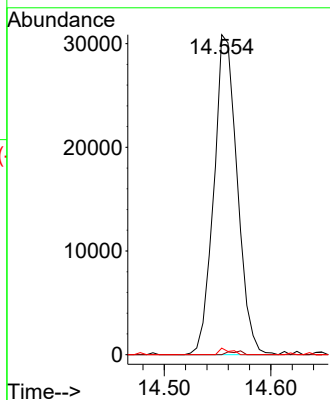
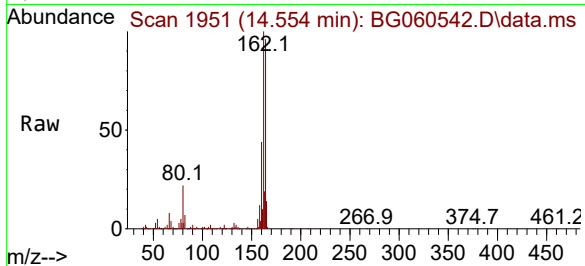




#51
2,6-Dinitrotoluene
Concen: 8.312 ng
RT: 14.554 min Scan# 1951
Delta R.T. 0.408 min
Lab File: BG060542.D
Acq: 1 Feb 2024 21:01

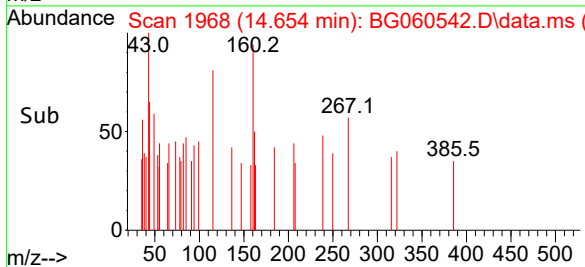
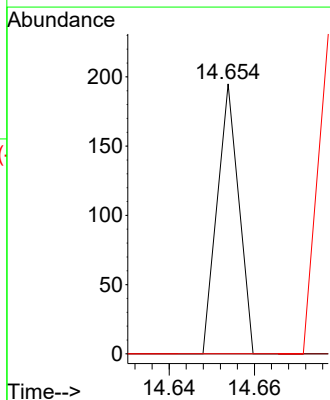
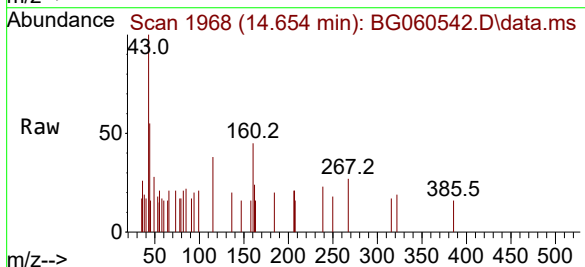
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BNA_G
ClientSampleId :
TP-3

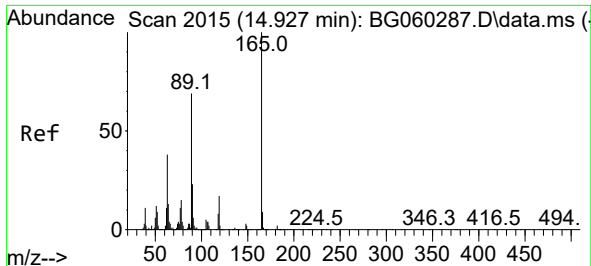
Tgt Ion:165 Resp: 47056
Ion Ratio Lower Upper
165 100
63 0.0 35.0 52.4#
89 2.0 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.605 ng
RT: 14.654 min Scan# 1968
Delta R.T. -0.021 min
Lab File: BG060542.D
Acq: 1 Feb 2024 21:01

Tgt Ion:184 Resp: 69
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: 6.061 ng

RT: 14.554 min Scan# 1951

Delta R.T. -0.373 min

Lab File: BG060542.D

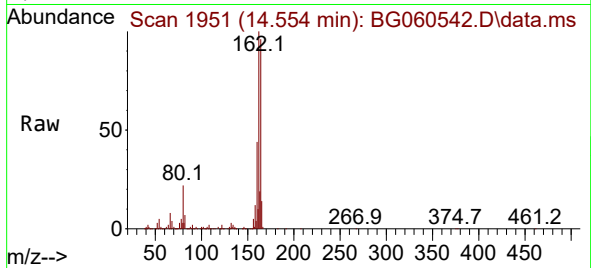
Acq: 1 Feb 2024 21:01

Instrument :

BNA_G

ClientSampleId :

TP-3



Tgt Ion:165 Resp: 47056

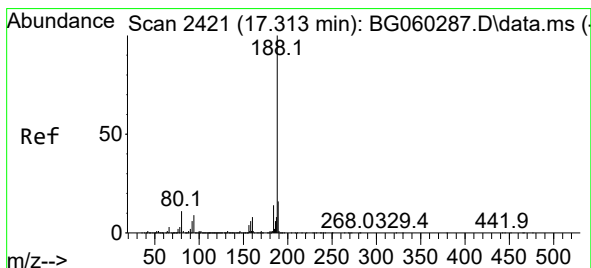
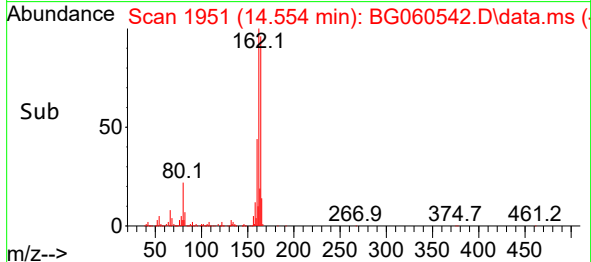
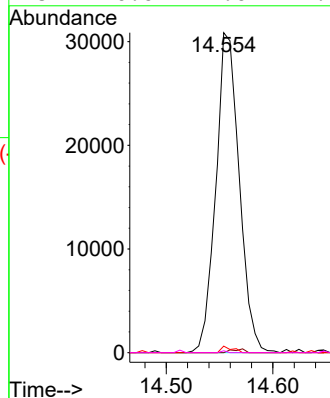
Ion Ratio Lower Upper

165 100

63 0.0 30.4 45.6#

89 2.0 55.4 83.0#

182 0.6 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.310 min Scan# 2420

Delta R.T. -0.003 min

Lab File: BG060542.D

Acq: 1 Feb 2024 21:01

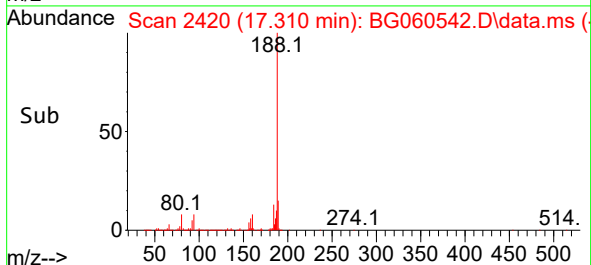
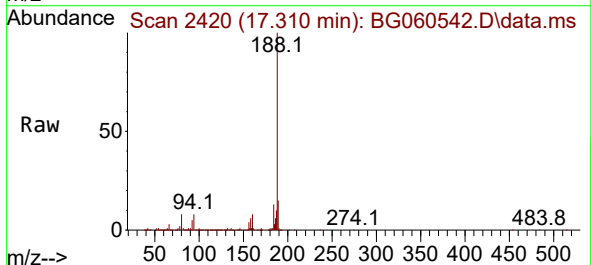
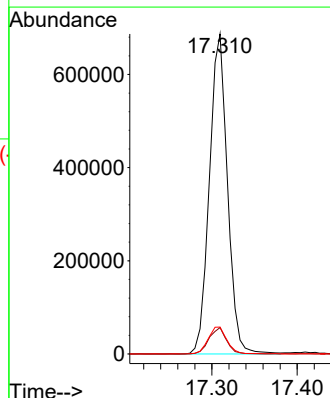
Tgt Ion:188 Resp: 1011371

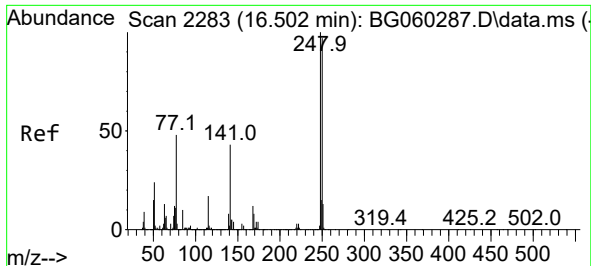
Ion Ratio Lower Upper

188 100

94 8.3 7.1 10.7

80 8.4 8.5 12.7#

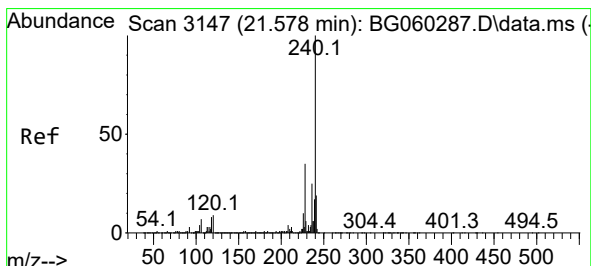
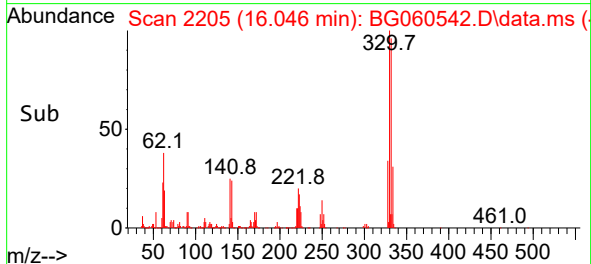
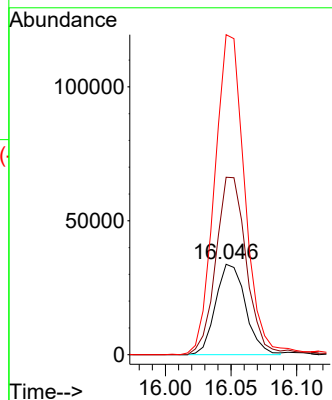
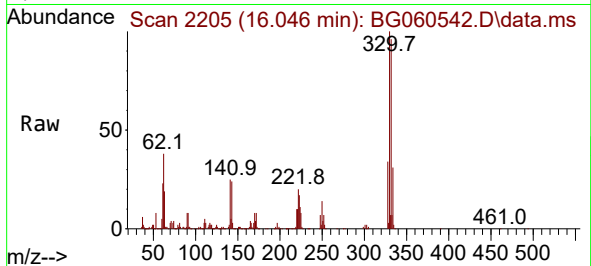




#67
4-Bromophenyl-phenylether
Concen: 4.814 ng
RT: 16.046 min Scan# 21
Delta R.T. -0.456 min
Lab File: BG060542.D
Acq: 1 Feb 2024 21:01

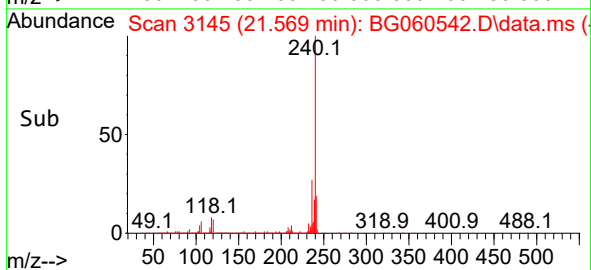
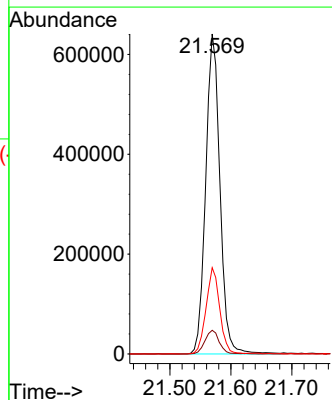
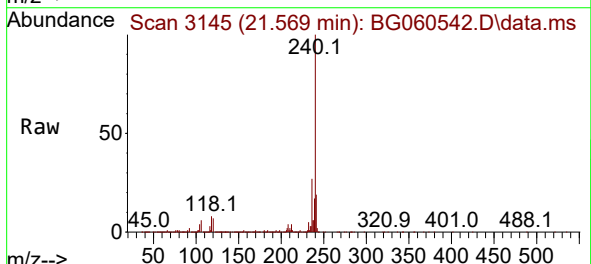
Instrument :
BNA_G
ClientSampleId :
TP-3

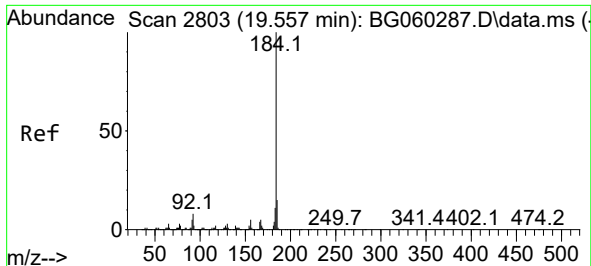
Tgt Ion	Ratio	Lower	Upper
248	100		
250	196.2	77.6	116.4#
141	353.8	34.2	51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.569 min Scan# 3145
Delta R.T. -0.009 min
Lab File: BG060542.D
Acq: 1 Feb 2024 21:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.4	7.3	10.9
236	26.9	20.3	30.5

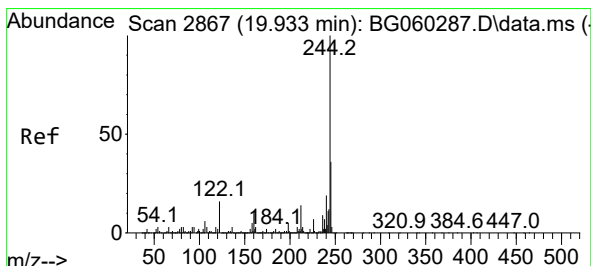
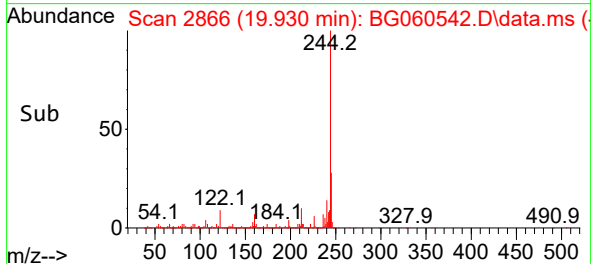
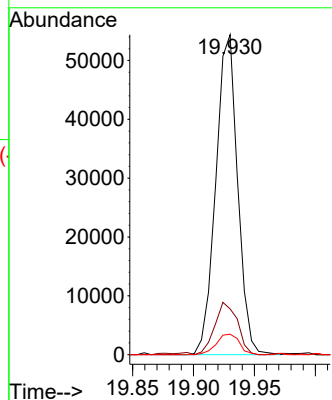
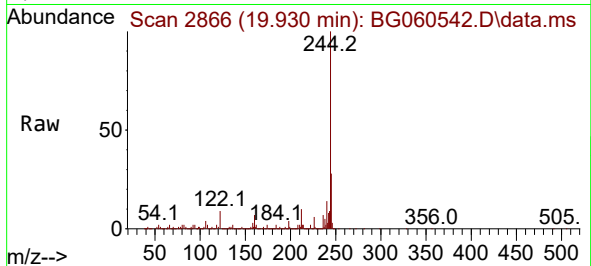




#77
Benzidine
Concen: 3.000 ng
RT: 19.930 min Scan# 2866
Delta R.T. 0.373 min
Lab File: BG060542.D
Acq: 1 Feb 2024 21:01

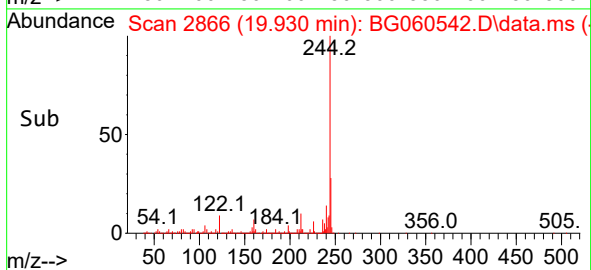
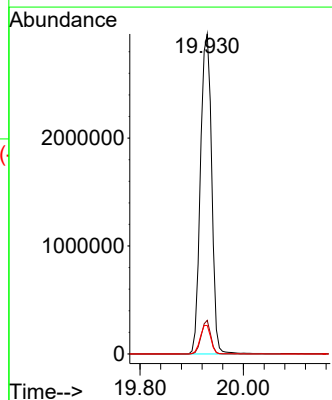
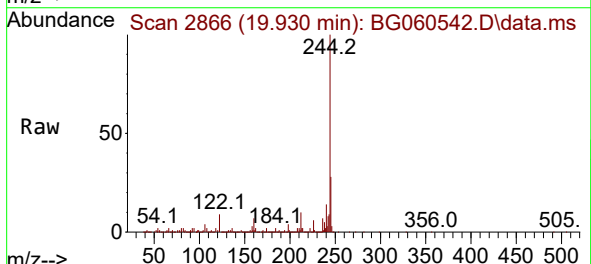
Instrument :
BNA_G
ClientSampleId :
TP-3

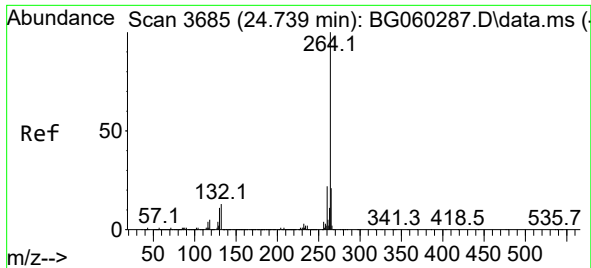
Tgt Ion:184 Resp: 67897
Ion Ratio Lower Upper
184 100
185 14.3 12.2 18.4
183 6.4 9.0 13.4#



#79
Terphenyl-d14
Concen: 138.232 ng
RT: 19.930 min Scan# 2866
Delta R.T. -0.003 min
Lab File: BG060542.D
Acq: 1 Feb 2024 21:01

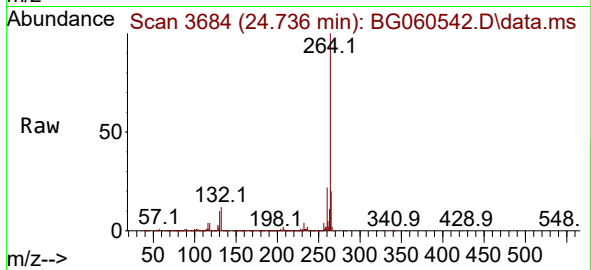
Tgt Ion:244 Resp: 4458903
Ion Ratio Lower Upper
244 100
212 10.5 10.9 16.3#
122 8.9 12.6 18.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.736 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: BG060542.D
 Acq: 1 Feb 2024 21:01

Instrument :
 BNA_G
 ClientSampleId :
 TP-3



Tgt Ion:264 Resp: 1154876
 Ion Ratio Lower Upper
 264 100
 260 21.9 17.8 26.6
 265 20.4 16.8 25.2

