

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020224\
 Data File : BG060544.D
 Acq On : 1 Feb 2024 22:22
 Operator : MA/JU
 Sample : P1311-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Feb 02 00:43:17 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)

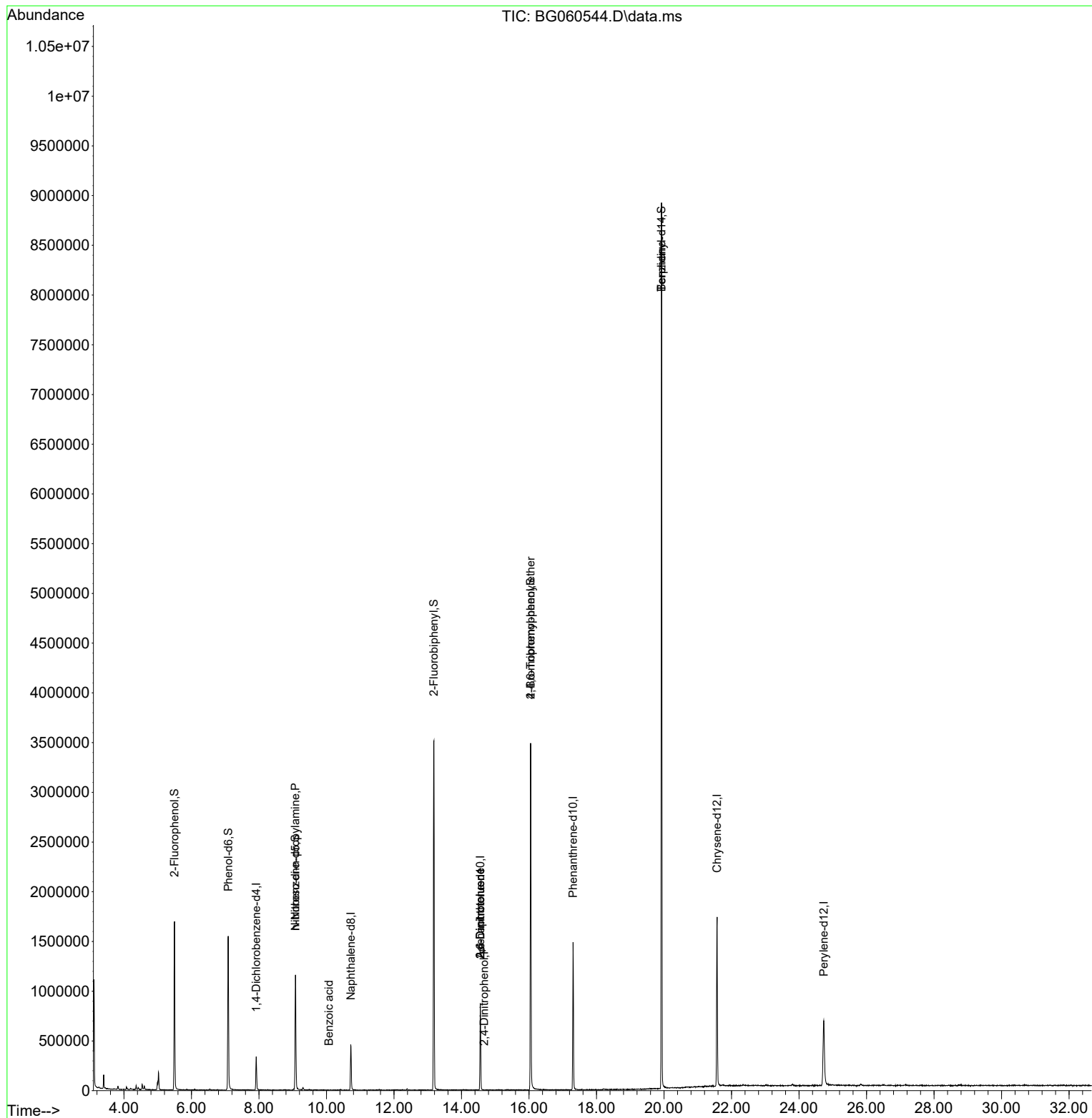
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.918	152	106614	20.000	ng	-0.01
21) Naphthalene-d8	10.721	136	411740	20.000	ng	#-0.01
39) Acenaphthene-d10	14.557	164	325178	20.000	ng	-0.01
64) Phenanthrene-d10	17.307	188	1008598	20.000	ng	0.00
76) Chrysene-d12	21.573	240	1072494	20.000	ng	0.00
86) Perylene-d12	24.734	264	631578	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.497	112	832114	128.374	ng	0.00
7) Phenol-d6	7.090	99	1086092	113.155	ng	0.00
23) Nitrobenzene-d5	9.081	82	798049	91.524	ng	-0.01
42) 2,4,6-Tribromophenol	16.050	330	833487	174.213	ng	0.00
45) 2-Fluorobiphenyl	13.183	172	2069498	88.483	ng	0.00
79) Terphenyl-d14	19.928	244	4537953	133.377	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.081	70	96688	14.555	ng	# 82
32) Benzoic acid	10.069	122	56	10.212	ng	# 1
51) 2,6-Dinitrotoluene	14.557	165	40825	7.699	ng	# 33
54) 2,4-Dinitrophenol	14.675	184	65	8.605	ng	# 27
57) 2,4-Dinitrotoluene	14.557	165	40825	5.615	ng	# 25
67) 4-Bromophenyl-phenylether	16.050	248	51010	4.603	ng	# 1
77) Benzidine	19.928	184	68880	2.956	ng	# 94

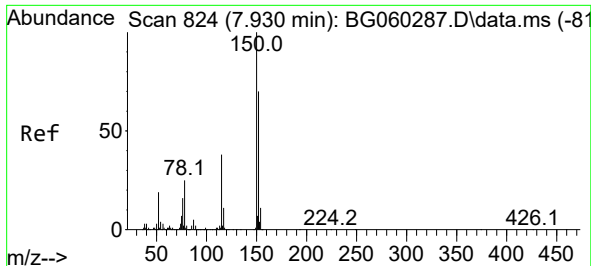
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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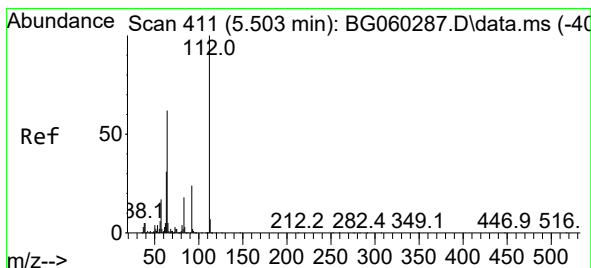
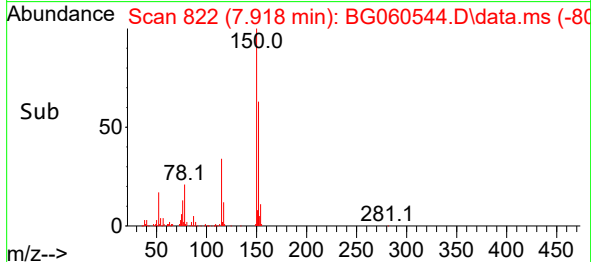
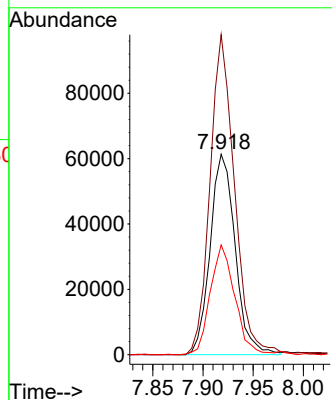
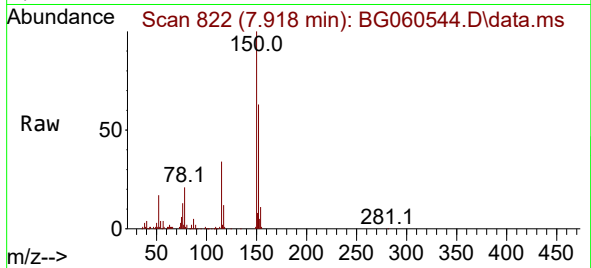




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.918 min Scan# 81
Delta R.T. -0.012 min
Lab File: BG060544.D
Acq: 1 Feb 2024 22:22

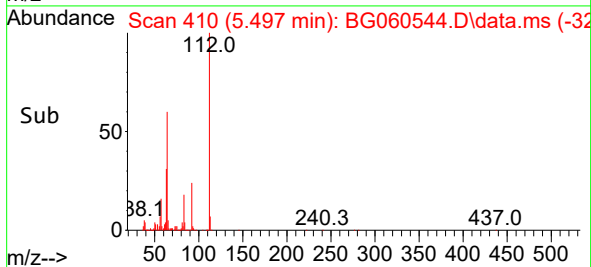
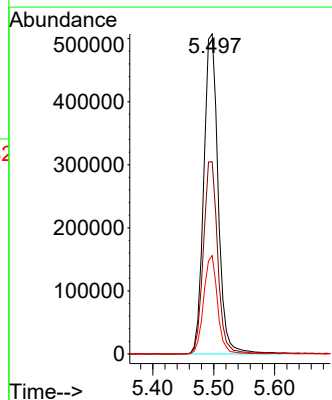
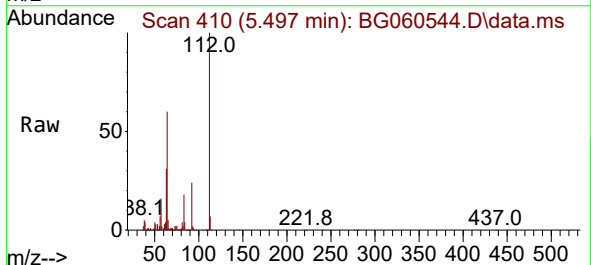
Instrument :
BNA_G
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TP-1

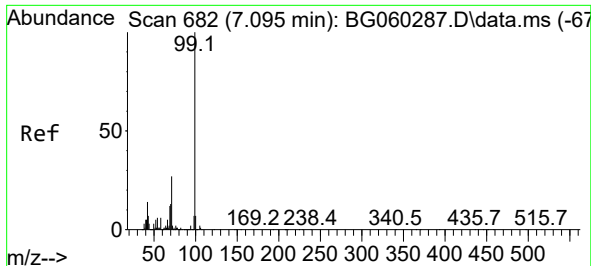
Tgt Ion:152 Resp: 106614
Ion Ratio Lower Upper
152 100
150 159.7 114.5 171.7
115 54.8 43.0 64.6



#5
2-Fluorophenol
Concen: 128.374 ng
RT: 5.497 min Scan# 410
Delta R.T. -0.006 min
Lab File: BG060544.D
Acq: 1 Feb 2024 22:22

Tgt Ion:112 Resp: 832114
Ion Ratio Lower Upper
112 100
64 60.1 49.8 74.6
63 30.7 24.4 36.6

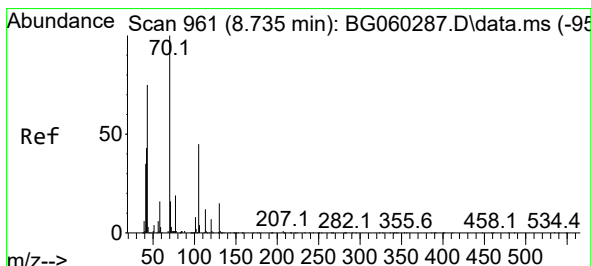
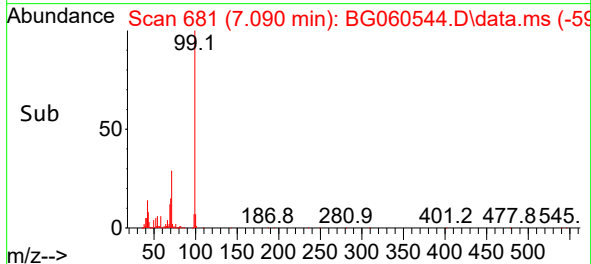
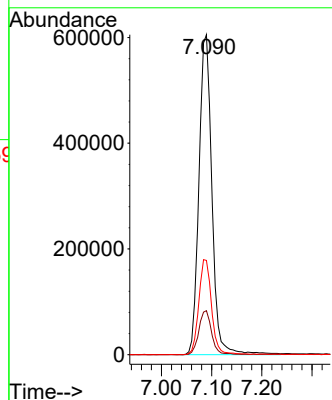
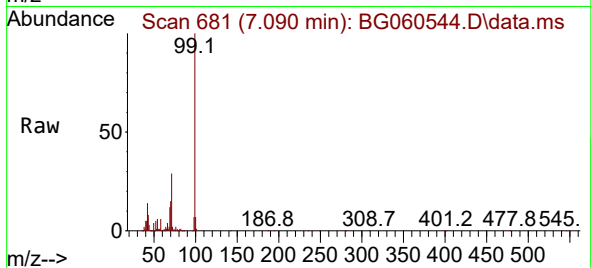




#7
Phenol-d6
Concen: 113.155 ng
RT: 7.090 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG060544.D
Acq: 1 Feb 2024 22:22

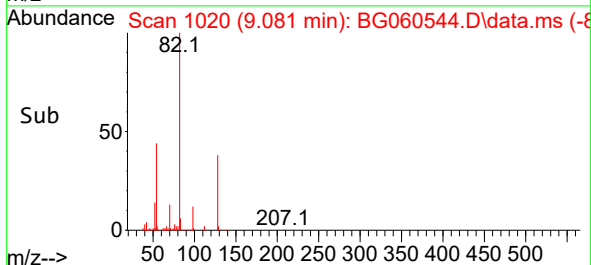
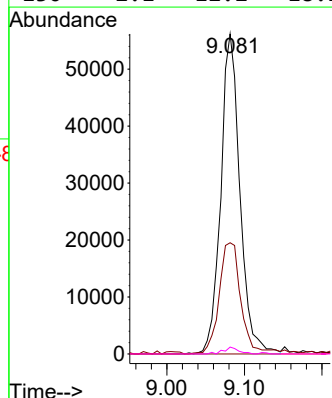
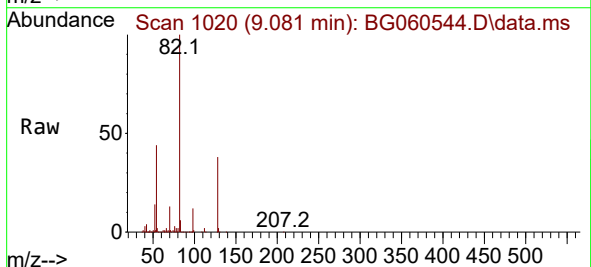
Instrument :
BNA_G
ClientSampleId :
TP-1

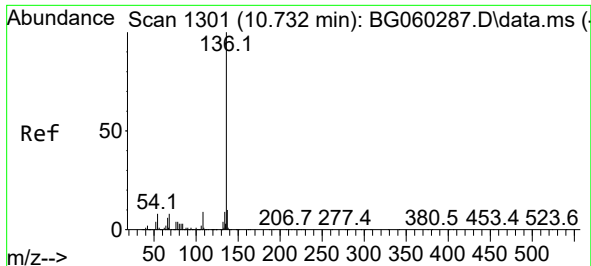
Tgt Ion: 99 Resp: 1086092
Ion Ratio Lower Upper
99 100
42 13.7 10.9 16.3
71 29.4 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.555 ng
RT: 9.081 min Scan# 1020
Delta R.T. 0.347 min
Lab File: BG060544.D
Acq: 1 Feb 2024 22:22

Tgt Ion: 70 Resp: 96688
Ion Ratio Lower Upper
70 100
42 34.7 34.3 51.5
101 0.0 6.2 9.2#
130 2.1 12.2 18.2#

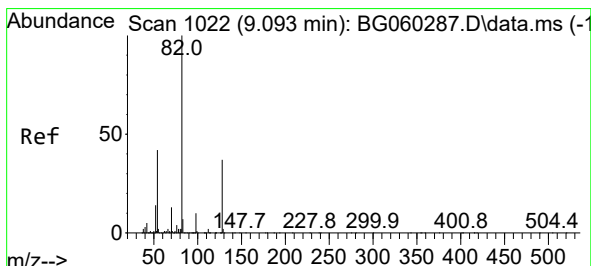
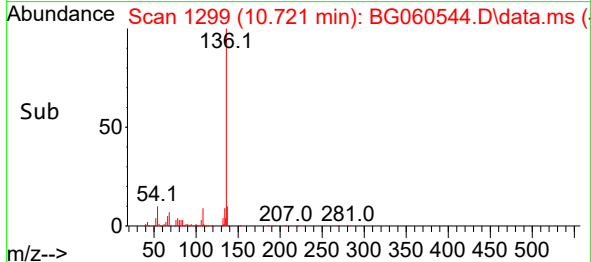
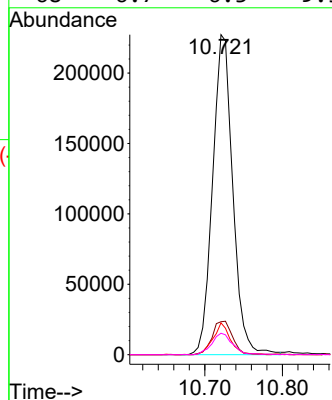
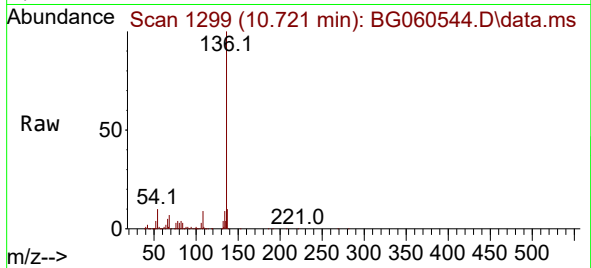




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.721 min Scan# 1020
Delta R.T. -0.011 min
Lab File: BG060544.D
Acq: 1 Feb 2024 22:22

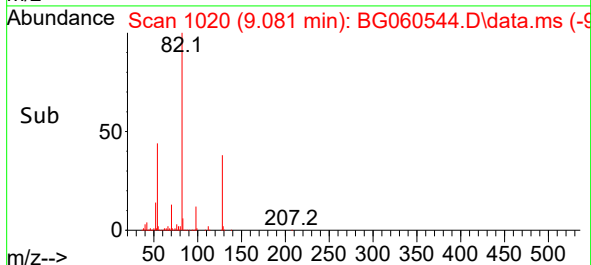
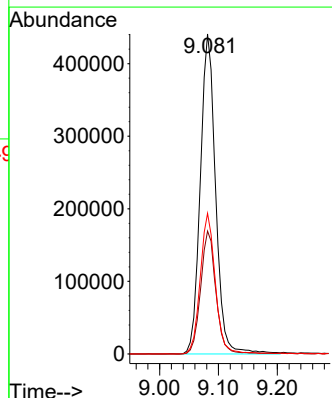
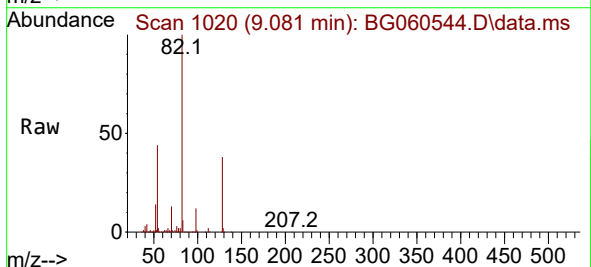
Instrument :
BNA_G
ClientSampleId :
TP-1

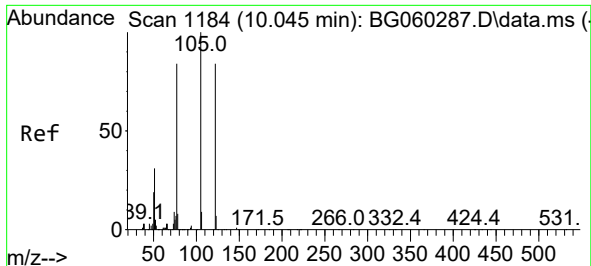
Tgt Ion:136 Resp: 411740
Ion Ratio Lower Upper
136 100
137 10.3 8.2 12.4
54 10.0 6.2 9.2#
68 6.7 6.3 9.5



#23
Nitrobenzene-d5
Concen: 91.524 ng
RT: 9.081 min Scan# 1020
Delta R.T. -0.011 min
Lab File: BG060544.D
Acq: 1 Feb 2024 22:22

Tgt Ion: 82 Resp: 798049
Ion Ratio Lower Upper
82 100
128 38.4 29.6 44.4
54 43.9 33.6 50.4

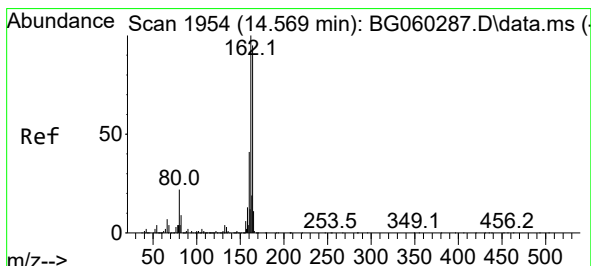
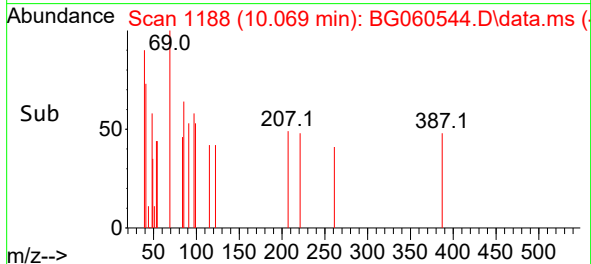
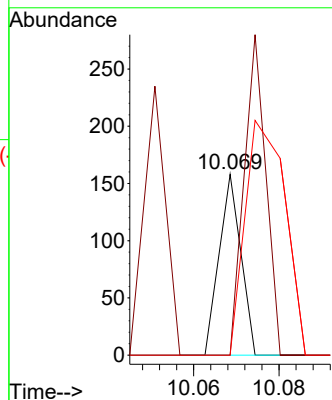
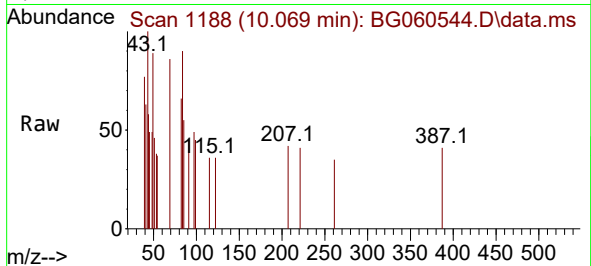




#32
Benzoic acid
Concen: 10.212 ng
RT: 10.069 min Scan# 1188
Delta R.T. 0.024 min
Lab File: BG060544.D
Acq: 1 Feb 2024 22:22

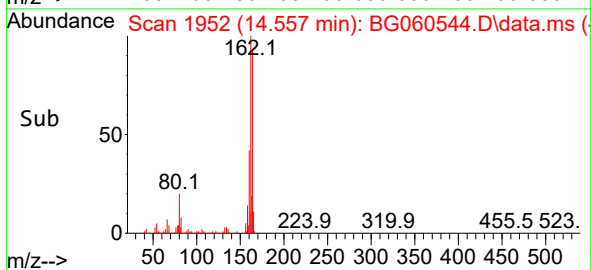
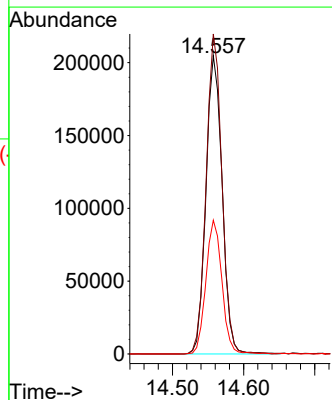
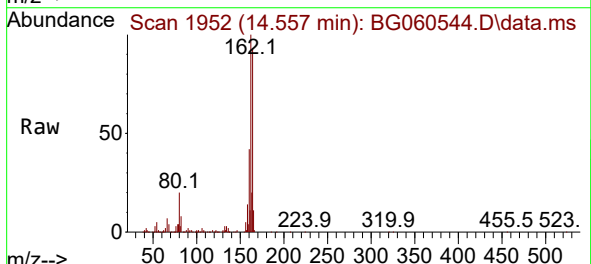
Instrument :
BNA_G
ClientSampleId :
TP-1

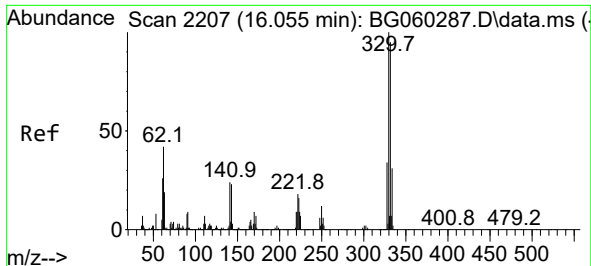
Tgt Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 0.0 96.0 136.0#
77 0.0 80.1 120.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1952
Delta R.T. -0.011 min
Lab File: BG060544.D
Acq: 1 Feb 2024 22:22

Tgt Ion:164 Resp: 325178
Ion Ratio Lower Upper
164 100
162 107.3 84.4 126.6
160 44.9 34.6 52.0

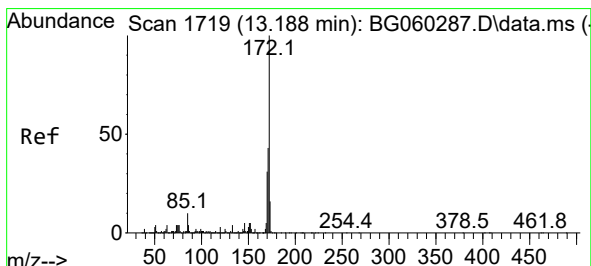
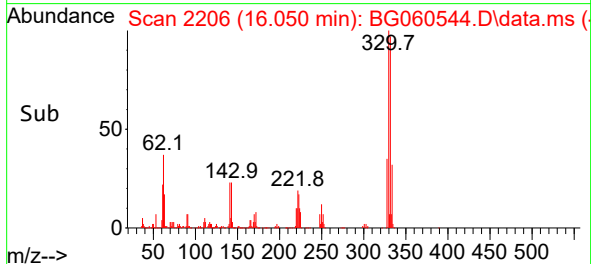
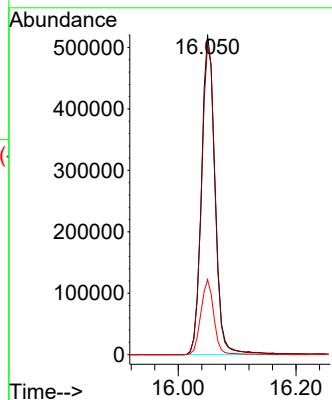
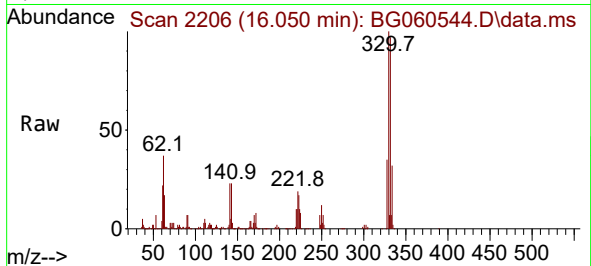




#42
2,4,6-Tribromophenol
Concen: 174.213 ng
RT: 16.050 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060544.D
Acq: 1 Feb 2024 22:22

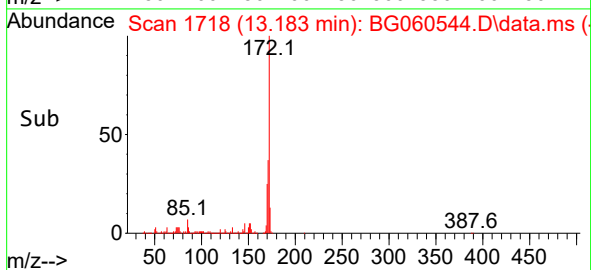
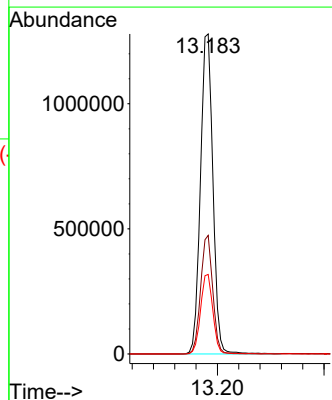
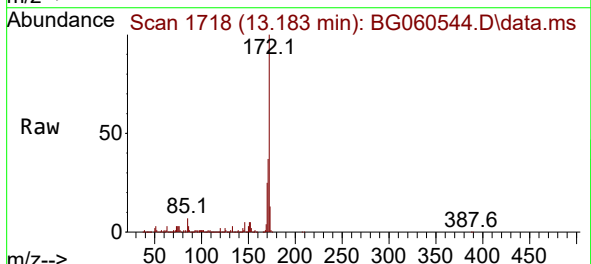
Instrument :
BNA_G
ClientSampleId :
TP-1

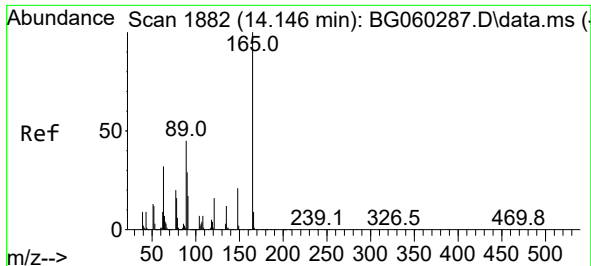
Tgt Ion:330 Resp: 833487
Ion Ratio Lower Upper
330 100
332 98.1 76.7 115.1
141 22.3 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 88.483 ng
RT: 13.183 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BG060544.D
Acq: 1 Feb 2024 22:22

Tgt Ion:172 Resp: 2069498
Ion Ratio Lower Upper
172 100
171 37.0 34.6 51.8
170 24.9 24.4 36.6

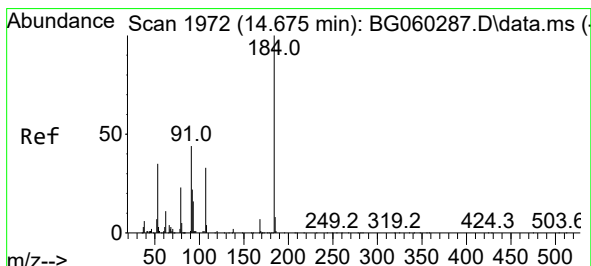
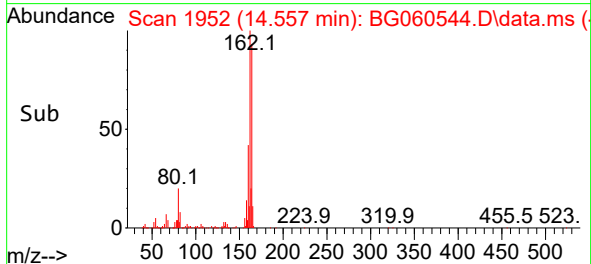
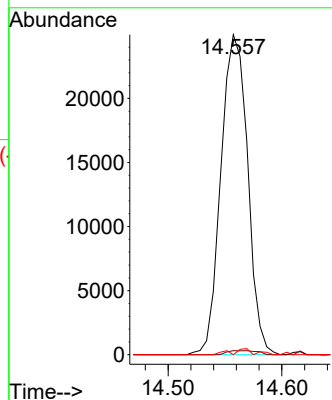
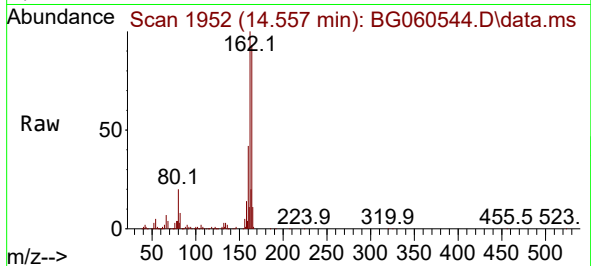




#51
2,6-Dinitrotoluene
Concen: 7.699 ng
RT: 14.557 min Scan# 1952
Delta R.T. 0.411 min
Lab File: BG060544.D
Acq: 1 Feb 2024 22:22

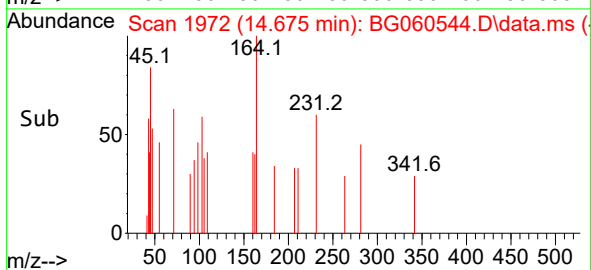
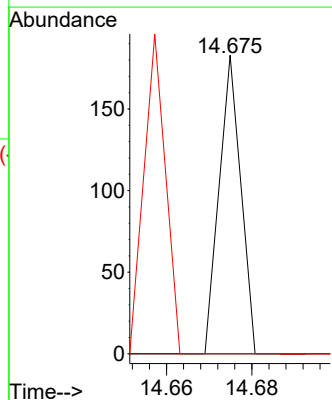
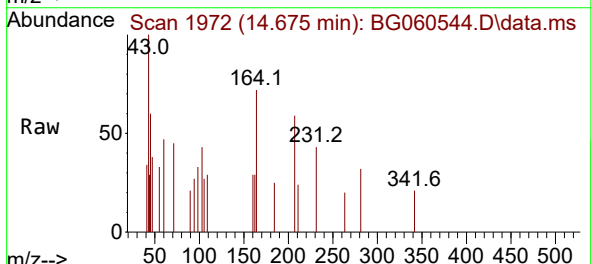
Instrument :
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ClientSampleId :
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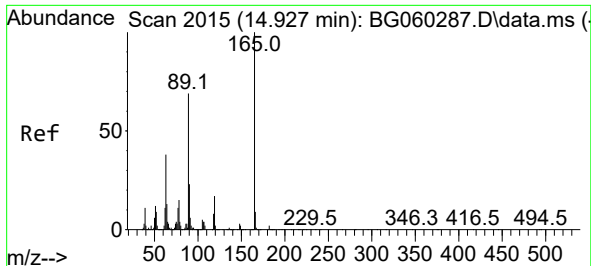
Tgt Ion:165 Resp: 40825
Ion Ratio Lower Upper
165 100
63 1.3 35.0 52.4#
89 0.0 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.605 ng
RT: 14.675 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BG060544.D
Acq: 1 Feb 2024 22:22

Tgt Ion:184 Resp: 65
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: 5.615 ng

RT: 14.557 min Scan# 1952

Delta R.T. -0.370 min

Lab File: BG060544.D

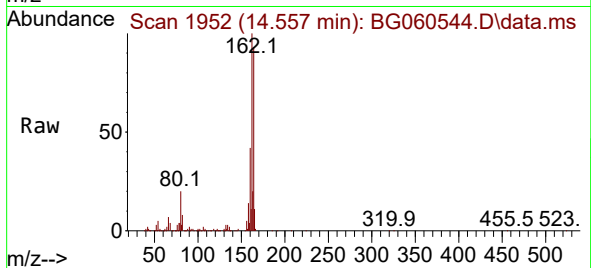
Acq: 1 Feb 2024 22:22

Instrument :

BNA_G

ClientSampleId :

TP-1



Tgt Ion:165 Resp: 40825

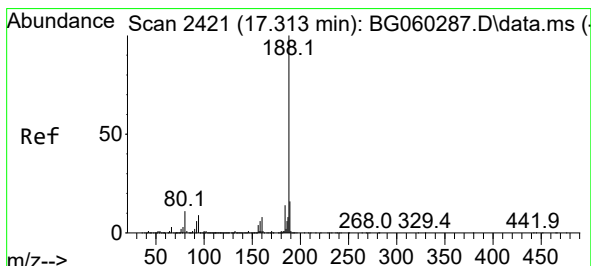
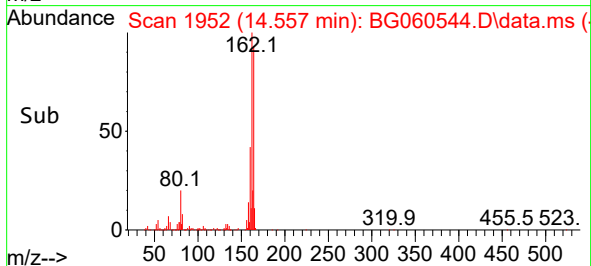
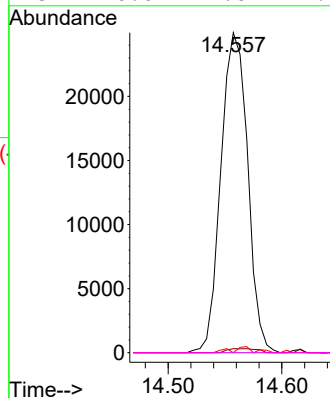
Ion Ratio Lower Upper

165 100

63 1.3 30.4 45.6#

89 0.0 55.4 83.0#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.307 min Scan# 2420

Delta R.T. -0.006 min

Lab File: BG060544.D

Acq: 1 Feb 2024 22:22

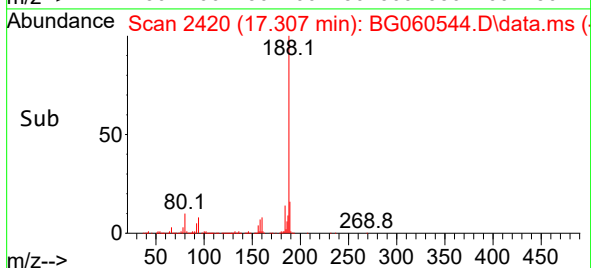
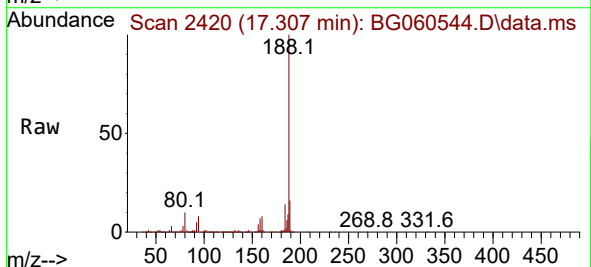
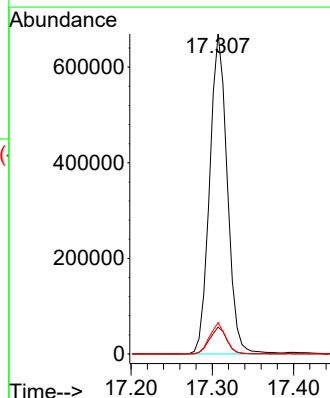
Tgt Ion:188 Resp: 1008598

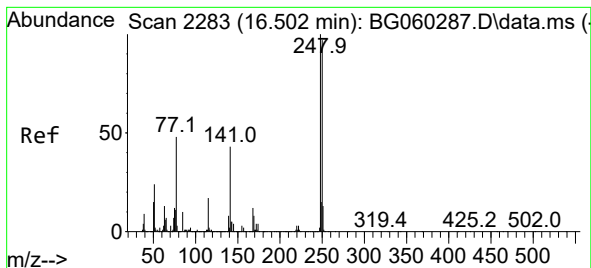
Ion Ratio Lower Upper

188 100

94 8.4 7.1 10.7

80 9.8 8.5 12.7

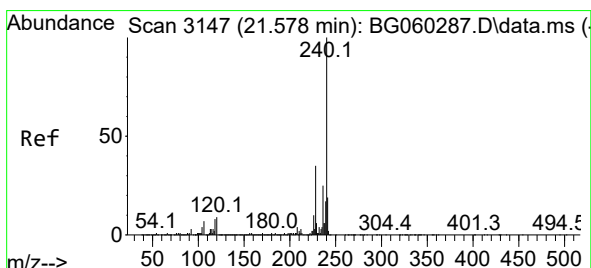
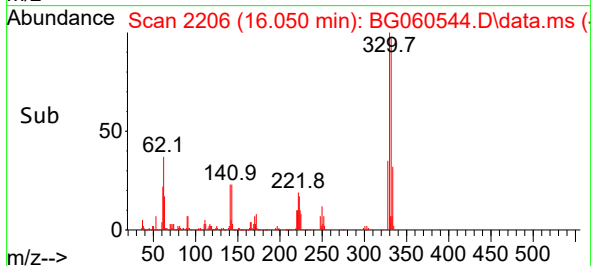
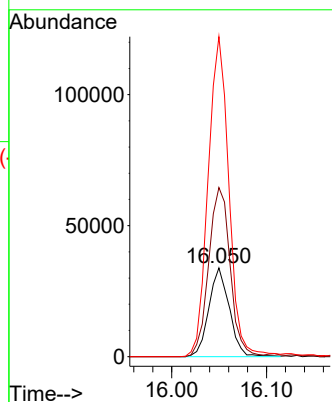
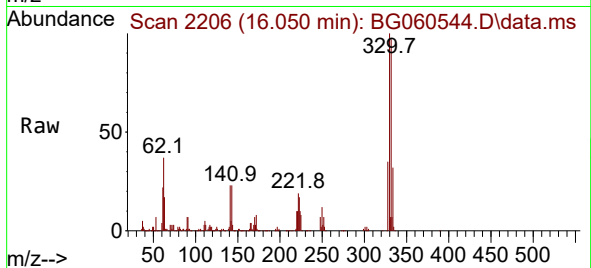




#67
4-Bromophenyl-phenylether
Concen: 4.603 ng
RT: 16.050 min Scan# 21
Delta R.T. -0.452 min
Lab File: BG060544.D
Acq: 1 Feb 2024 22:22

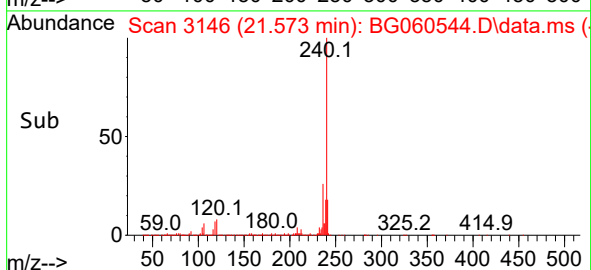
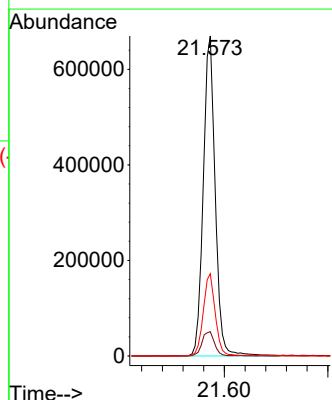
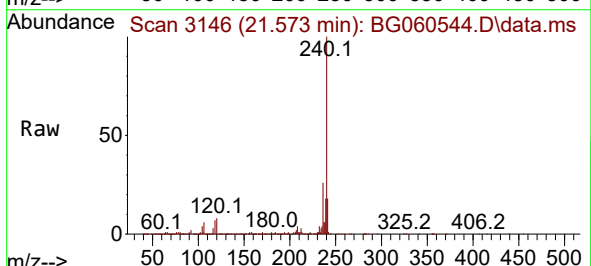
Instrument :
BNA_G
ClientSampleId :
TP-1

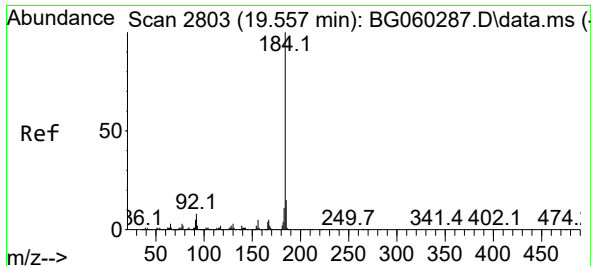
Tgt Ion:248 Resp: 51010
Ion Ratio Lower Upper
248 100
250 190.3 77.6 116.4#
141 360.3 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.573 min Scan# 3146
Delta R.T. -0.006 min
Lab File: BG060544.D
Acq: 1 Feb 2024 22:22

Tgt Ion:240 Resp: 1072494
Ion Ratio Lower Upper
240 100
120 7.6 7.3 10.9
236 25.7 20.3 30.5

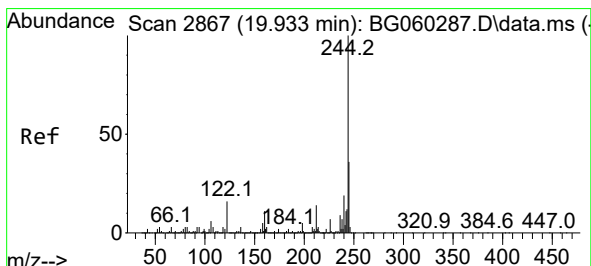
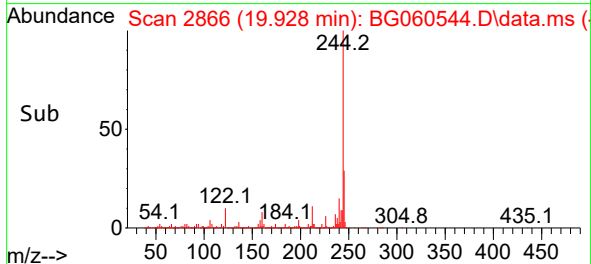
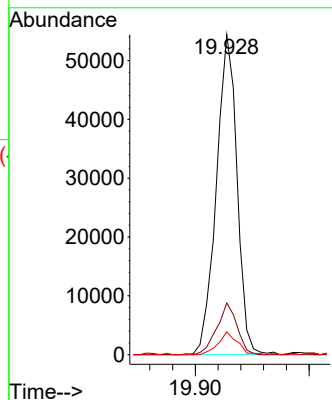
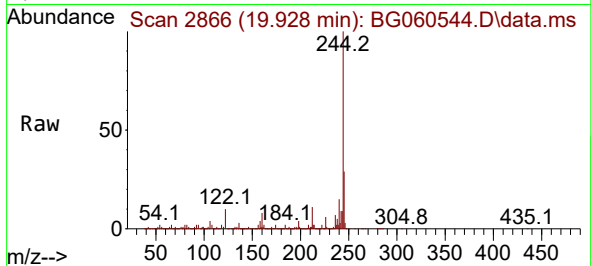




#77
Benzidine
Concen: 2.956 ng
RT: 19.928 min Scan# 2866
Delta R.T. 0.370 min
Lab File: BG060544.D
Acq: 1 Feb 2024 22:22

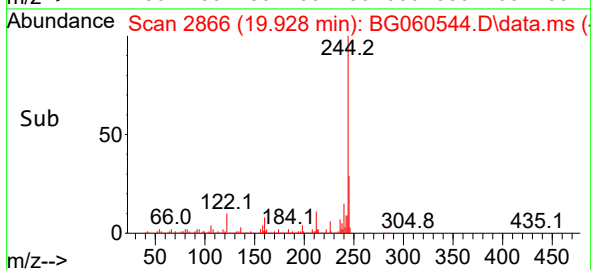
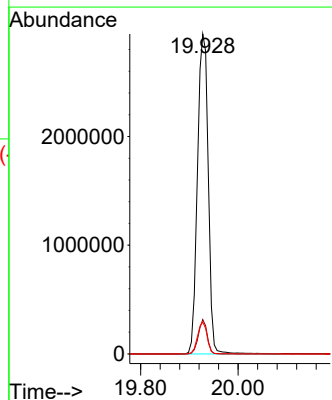
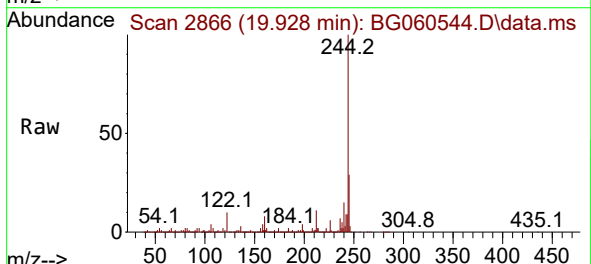
Instrument :
BNA_G
ClientSampleId :
TP-1

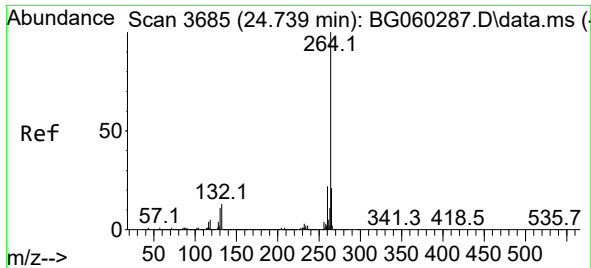
Tgt Ion:184 Resp: 68880
Ion Ratio Lower Upper
184 100
185 16.1 12.2 18.4
183 7.1 9.0 13.4#



#79
Terphenyl-d14
Concen: 133.377 ng
RT: 19.928 min Scan# 2866
Delta R.T. -0.005 min
Lab File: BG060544.D
Acq: 1 Feb 2024 22:22

Tgt Ion:244 Resp: 4537953
Ion Ratio Lower Upper
244 100
212 10.8 10.9 16.3#
122 9.9 12.6 18.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.734 min Scan# 30
Delta R.T. -0.006 min
Lab File: BG060544.D
Acq: 1 Feb 2024 22:22

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:264 Resp: 631578

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.8	26.6
265	20.2	16.8	25.2

