

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020224\
 Data File : BG060545.D
 Acq On : 1 Feb 2024 23:03
 Operator : MA/JU
 Sample : P1311-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Feb 02 00:43:32 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)

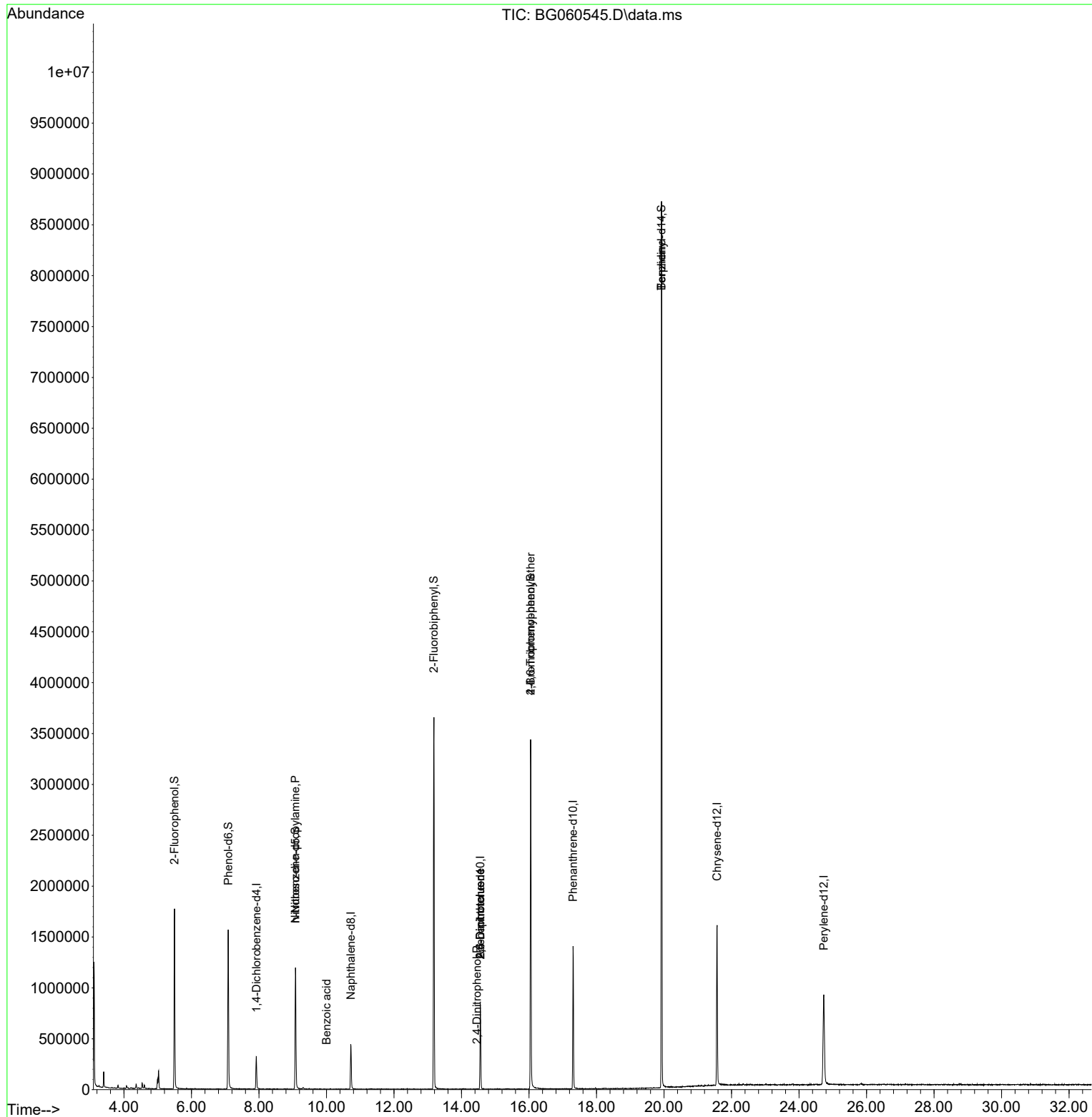
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	107191	20.000	ng	0.00
21) Naphthalene-d8	10.720	136	415495	20.000	ng	-0.01
39) Acenaphthene-d10	14.557	164	314257	20.000	ng	-0.01
64) Phenanthrene-d10	17.306	188	955053	20.000	ng	0.00
76) Chrysene-d12	21.572	240	1001886	20.000	ng	0.00
86) Perylene-d12	24.733	264	992555	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.497	112	830721	127.470	ng	0.00
7) Phenol-d6	7.089	99	1072706	111.159	ng	0.00
23) Nitrobenzene-d5	9.081	82	816175	92.756	ng	-0.01
42) 2,4,6-Tribromophenol	16.049	330	828166	179.116	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	2106311	93.186	ng	0.00
79) Terphenyl-d14	19.927	244	4368645	148.424	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.081	70	99314	14.870	ng	# 83
32) Benzoic acid	10.003	122	55	10.212	ng	# 17
51) 2,6-Dinitrotoluene	14.557	165	43203	8.431	ng	# 33
54) 2,4-Dinitrophenol	14.457	184	118	8.621	ng	# 27
57) 2,4-Dinitrotoluene	14.557	165	43203	6.148	ng	# 25
67) 4-Bromophenyl-phenylether	16.049	248	53242	5.074	ng	# 1
77) Benzidine	19.927	184	64028	2.942	ng	# 91

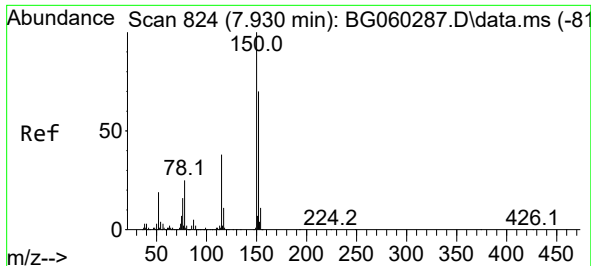
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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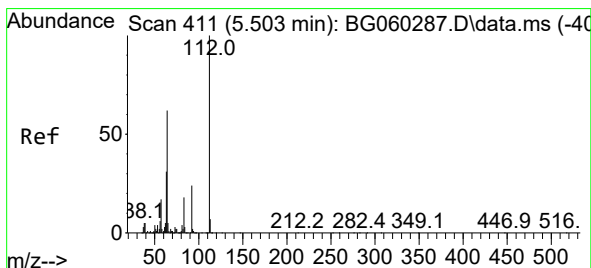
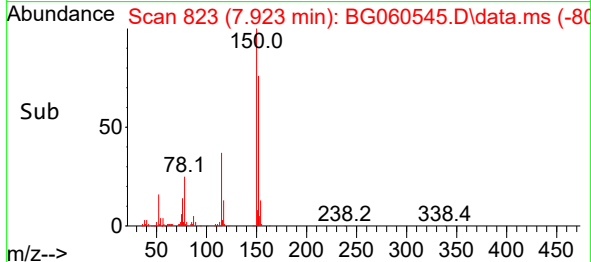
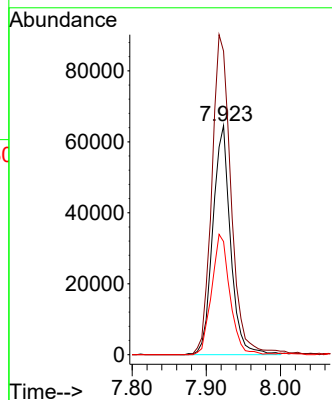
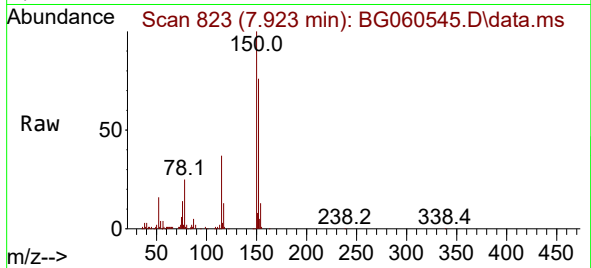




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG060545.D
Acq: 1 Feb 2024 23:03

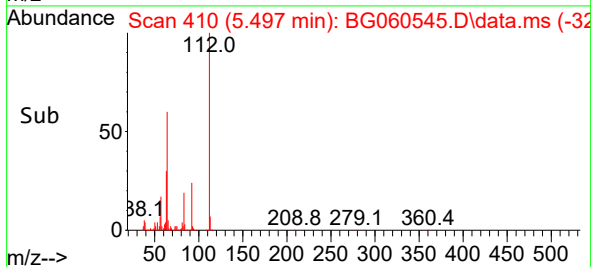
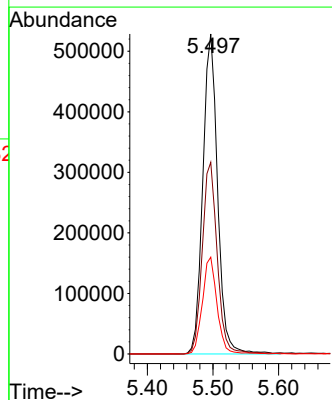
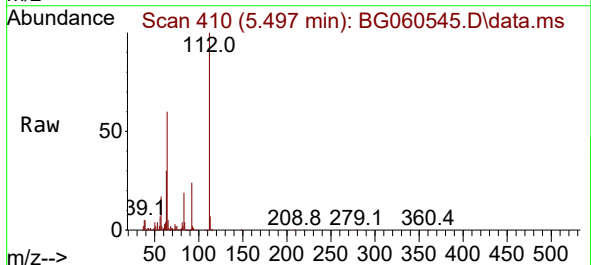
Instrument :
BNA_G
ClientSampleId :
TP-2

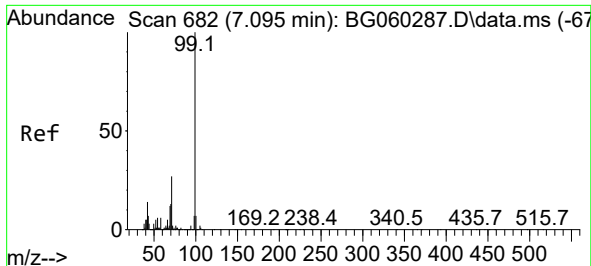
Tgt Ion:152 Resp: 107191
Ion Ratio Lower Upper
152 100
150 132.4 114.5 171.7
115 49.4 43.0 64.6



#5
2-Fluorophenol
Concen: 127.470 ng
RT: 5.497 min Scan# 410
Delta R.T. -0.006 min
Lab File: BG060545.D
Acq: 1 Feb 2024 23:03

Tgt Ion:112 Resp: 830721
Ion Ratio Lower Upper
112 100
64 59.9 49.8 74.6
63 30.3 24.4 36.6

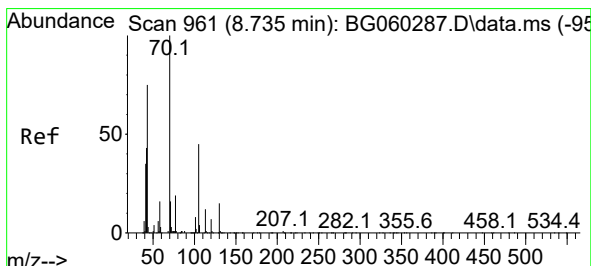
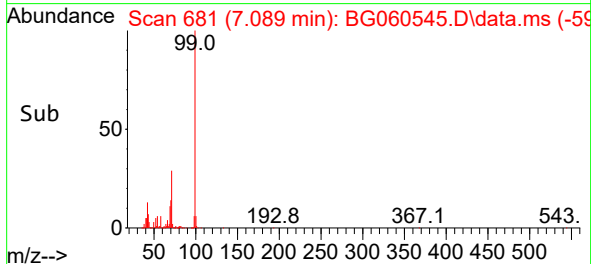
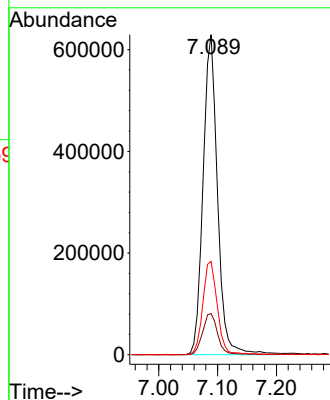
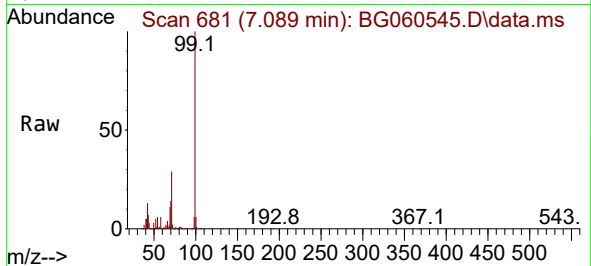




#7
Phenol-d6
Concen: 111.159 ng
RT: 7.089 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG060545.D
Acq: 1 Feb 2024 23:03

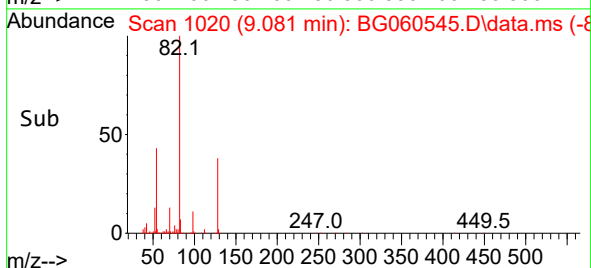
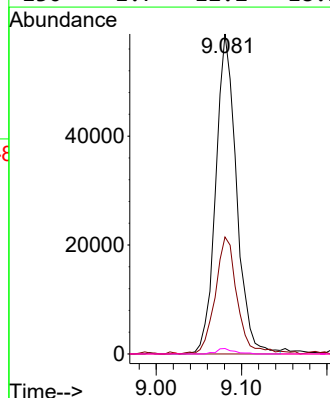
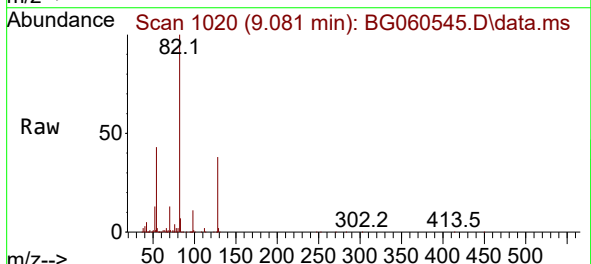
Instrument :
BNA_G
ClientSampleId :
TP-2

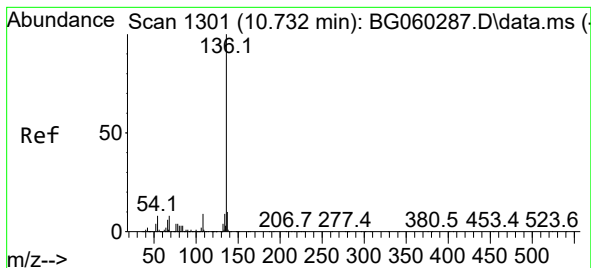
Tgt Ion: 99 Resp: 1072706
Ion Ratio Lower Upper
99 100
42 12.8 10.9 16.3
71 29.1 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.870 ng
RT: 9.081 min Scan# 1020
Delta R.T. 0.346 min
Lab File: BG060545.D
Acq: 1 Feb 2024 23:03

Tgt Ion: 70 Resp: 99314
Ion Ratio Lower Upper
70 100
42 36.5 34.3 51.5
101 0.0 6.2 9.2#
130 1.7 12.2 18.2#

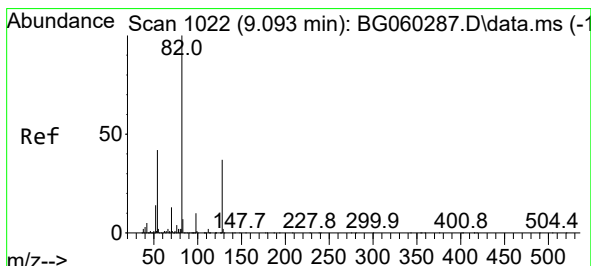
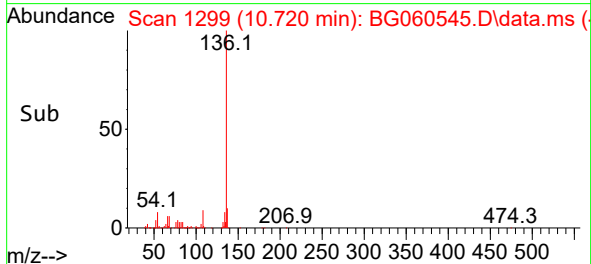
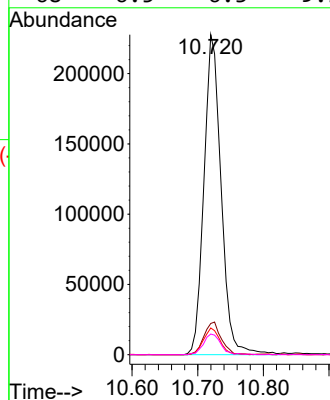
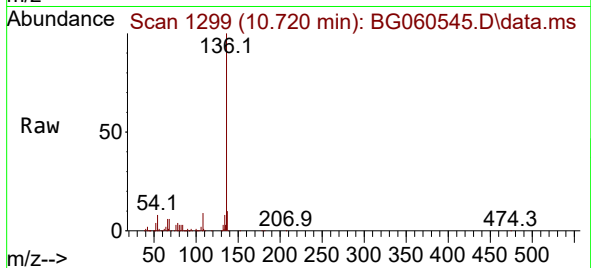




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.720 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG060545.D
Acq: 1 Feb 2024 23:03

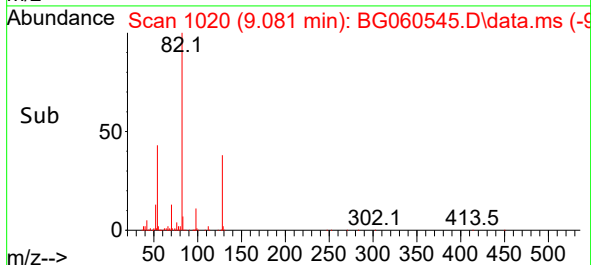
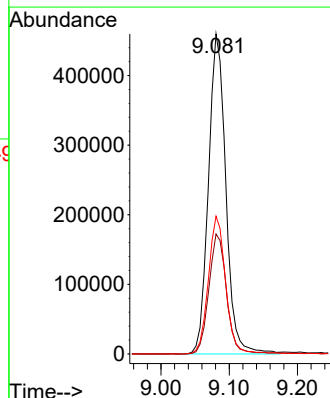
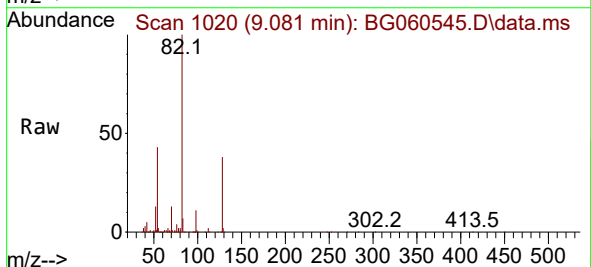
Instrument :
BNA_G
ClientSampleId :
TP-2

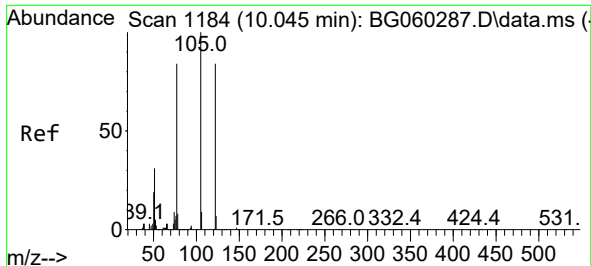
Tgt Ion:	136	Resp:	415495
Ion	Ratio	Lower	Upper
136	100		
137	9.7	8.2	12.4
54	8.3	6.2	9.2
68	6.5	6.3	9.5



#23
Nitrobenzene-d5
Concen: 92.756 ng
RT: 9.081 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BG060545.D
Acq: 1 Feb 2024 23:03

Tgt Ion:	82	Resp:	816175
Ion	Ratio	Lower	Upper
82	100		
128	37.5	29.6	44.4
54	43.1	33.6	50.4

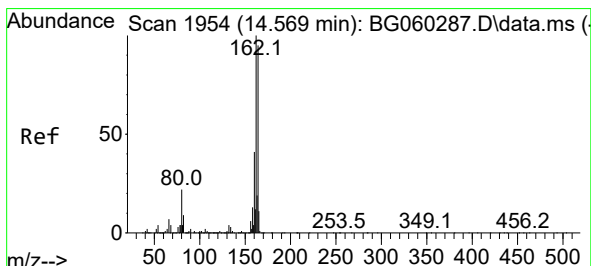
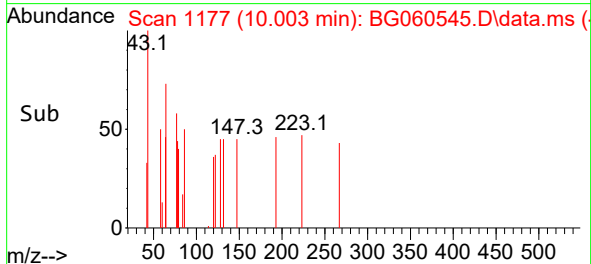
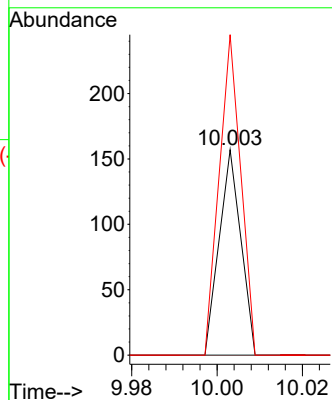
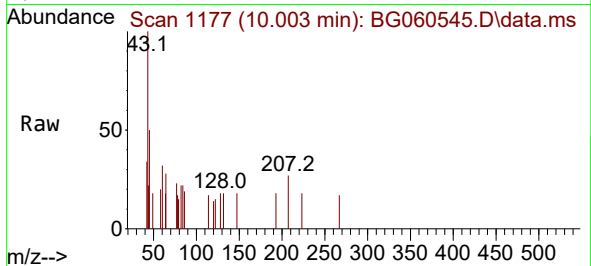




#32
Benzoic acid
Concen: 10.212 ng
RT: 10.003 min Scan# 1184
Delta R.T. -0.042 min
Lab File: BG060545.D
Acq: 1 Feb 2024 23:03

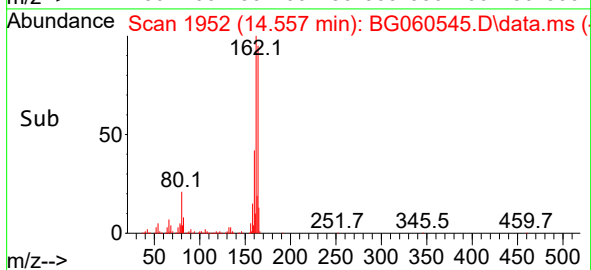
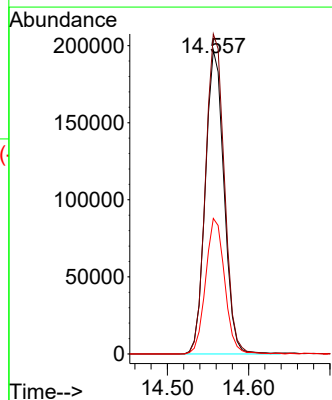
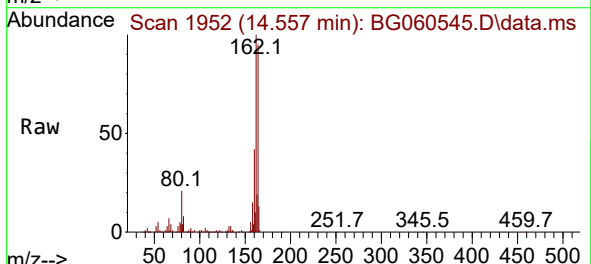
Instrument :
BNA_G
ClientSampleId :
TP-2

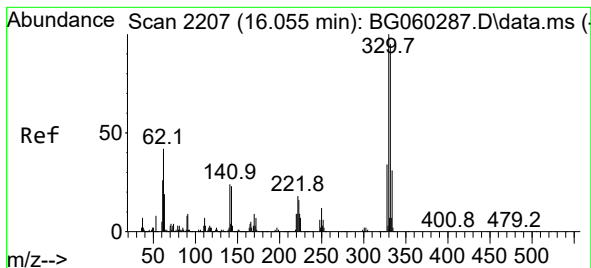
Tgt Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 0.0 96.0 136.0#
77 156.1 80.1 120.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1952
Delta R.T. -0.012 min
Lab File: BG060545.D
Acq: 1 Feb 2024 23:03

Tgt Ion:164 Resp: 314257
Ion Ratio Lower Upper
164 100
162 105.4 84.4 126.6
160 44.6 34.6 52.0

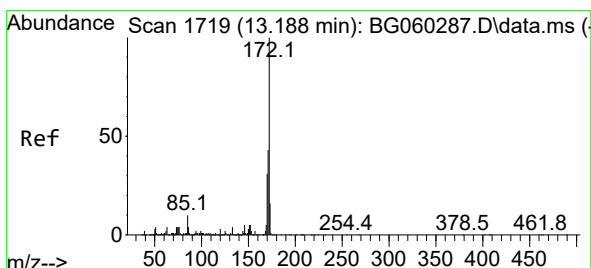
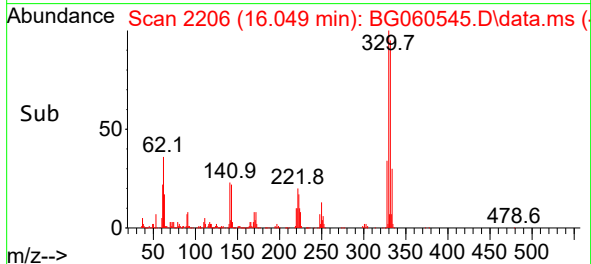
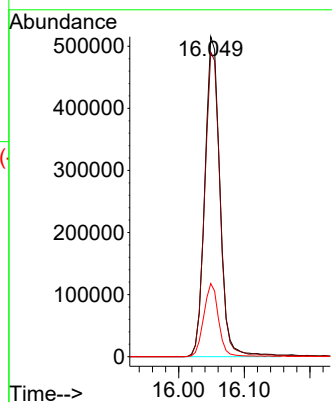
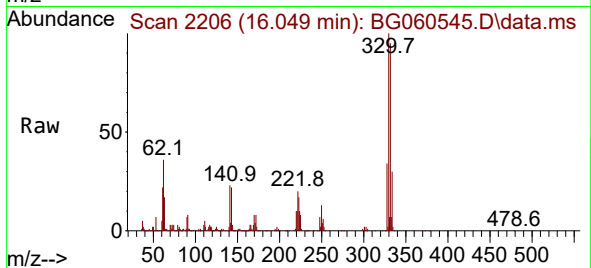




#42
2,4,6-Tribromophenol
Concen: 179.116 ng
RT: 16.049 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060545.D
Acq: 1 Feb 2024 23:03

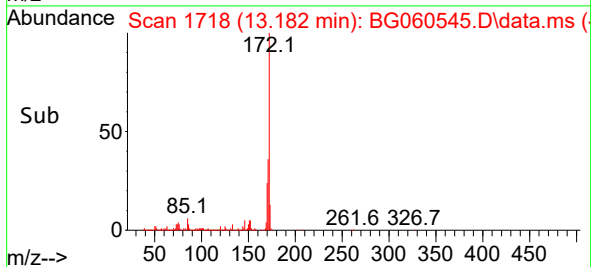
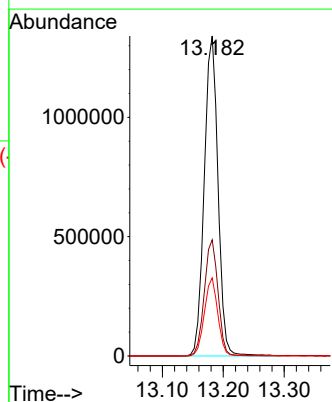
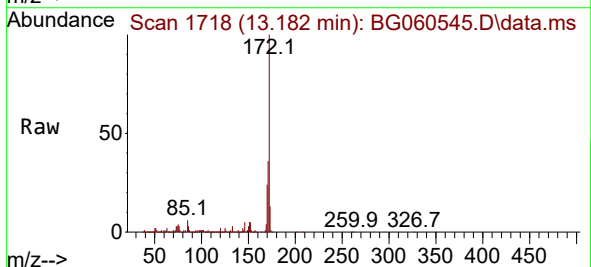
Instrument :
BNA_G
ClientSampleId :
TP-2

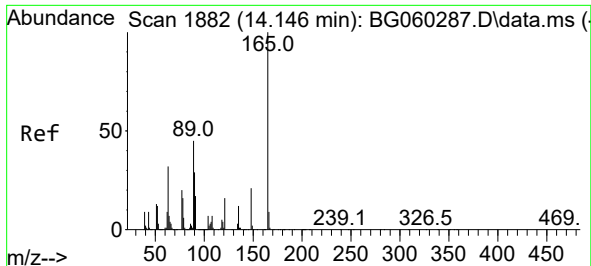
Tgt Ion:330 Resp: 828166
Ion Ratio Lower Upper
330 100
332 97.2 76.7 115.1
141 22.3 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 93.186 ng
RT: 13.182 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BG060545.D
Acq: 1 Feb 2024 23:03

Tgt Ion:172 Resp: 2106311
Ion Ratio Lower Upper
172 100
171 36.3 34.6 51.8
170 24.4 24.4 36.6

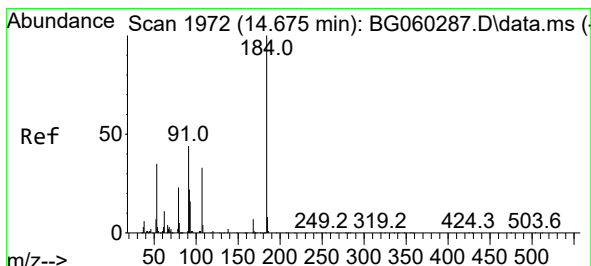
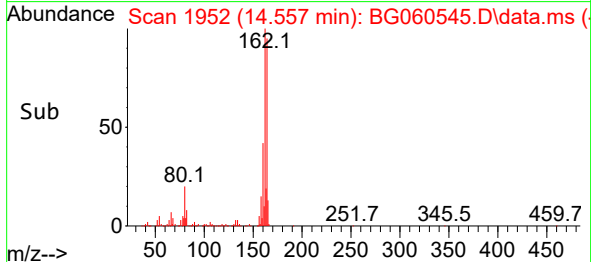
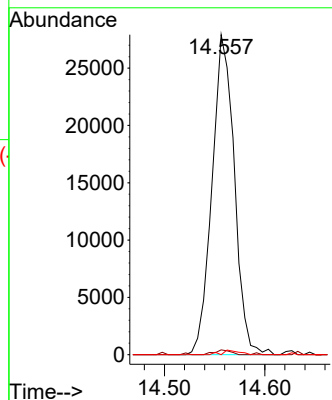
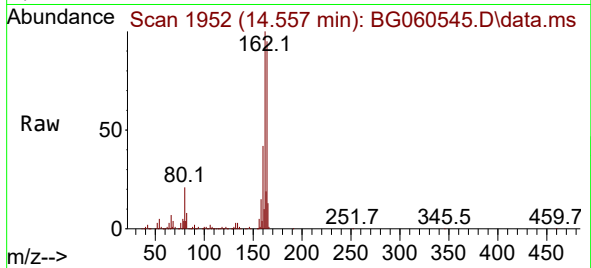




#51
2,6-Dinitrotoluene
Concen: 8.431 ng
RT: 14.557 min Scan# 1952
Delta R.T. 0.411 min
Lab File: BG060545.D
Acq: 1 Feb 2024 23:03

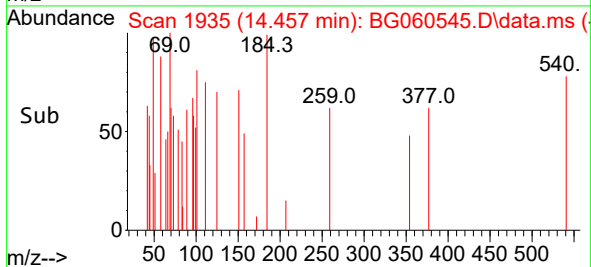
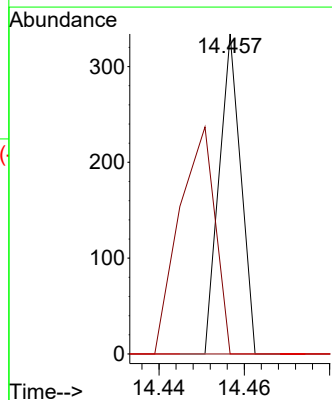
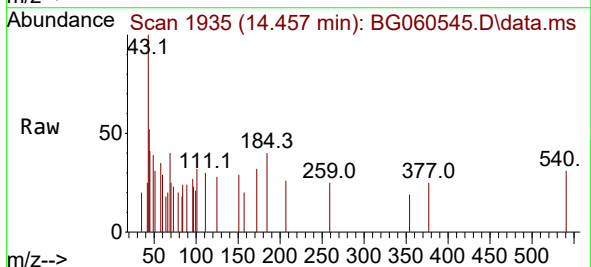
Instrument :
BNA_G
ClientSampleId :
TP-2

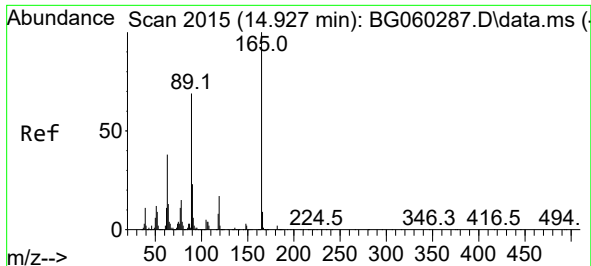
Tgt Ion:165 Resp: 43203
Ion Ratio Lower Upper
165 100
63 1.5 35.0 52.4#
89 0.0 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.621 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.218 min
Lab File: BG060545.D
Acq: 1 Feb 2024 23:03

Tgt Ion:184 Resp: 118
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: 6.148 ng

RT: 14.557 min Scan# 1952

Delta R.T. -0.371 min

Lab File: BG060545.D

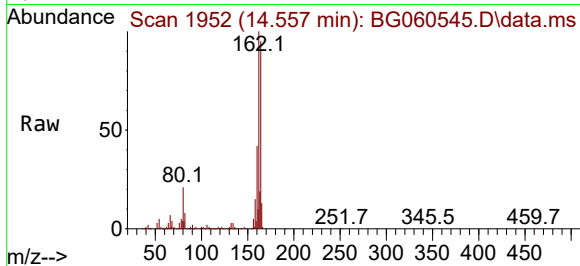
Acq: 1 Feb 2024 23:03

Instrument :

BNA_G

ClientSampleId :

TP-2



Tgt Ion:165 Resp: 43203

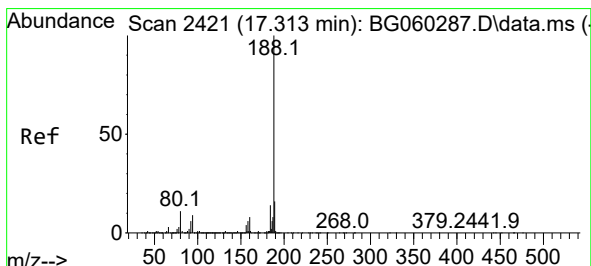
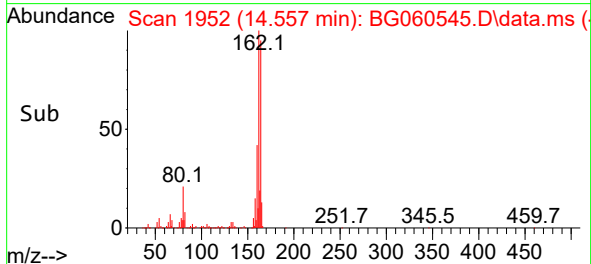
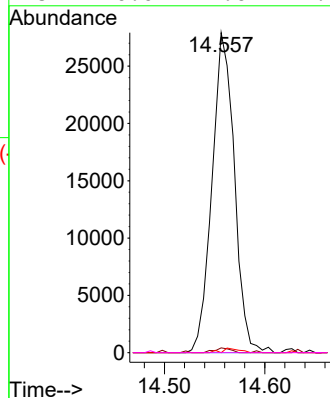
Ion Ratio Lower Upper

165 100

63 1.5 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: 17.306 min Scan# 2420

Delta R.T. -0.006 min

Lab File: BG060545.D

Acq: 1 Feb 2024 23:03

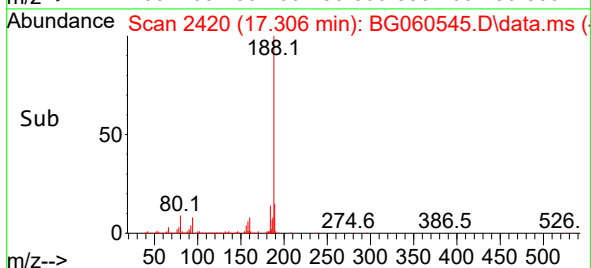
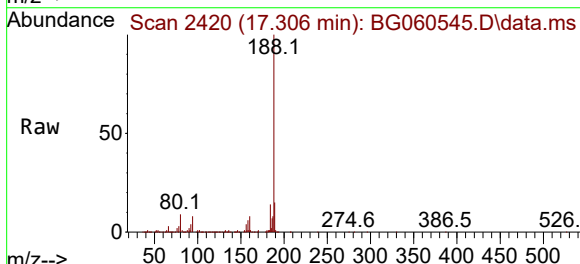
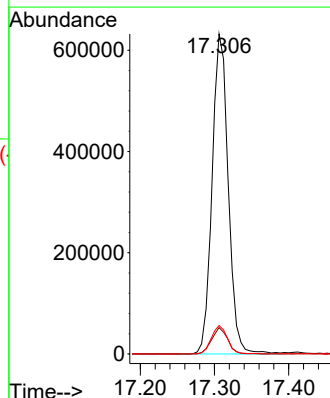
Tgt Ion:188 Resp: 955053

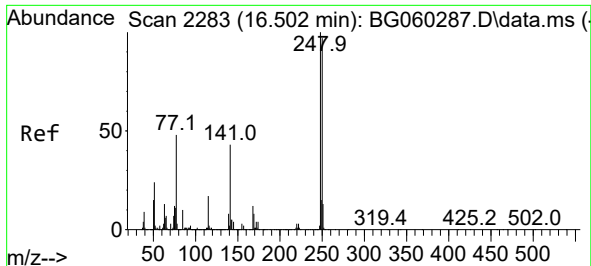
Ion Ratio Lower Upper

188 100

94 8.3 7.1 10.7

80 8.9 8.5 12.7

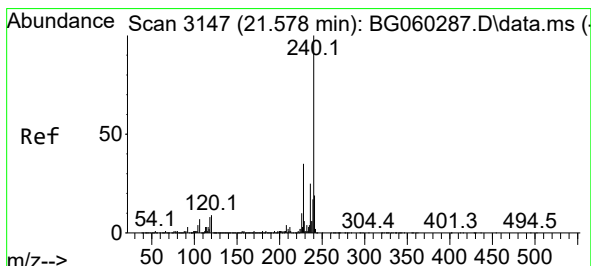
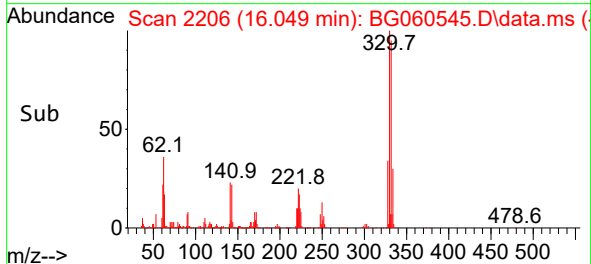
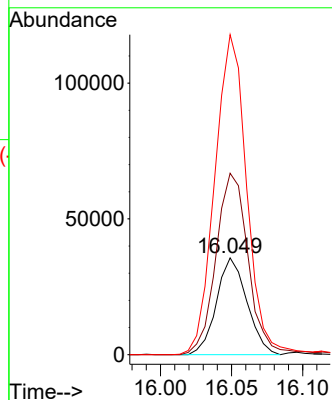
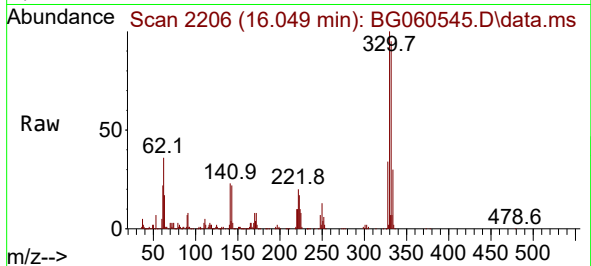




#67
4-Bromophenyl-phenylether
Concen: 5.074 ng
RT: 16.049 min Scan# 21
Delta R.T. -0.453 min
Lab File: BG060545.D
Acq: 1 Feb 2024 23:03

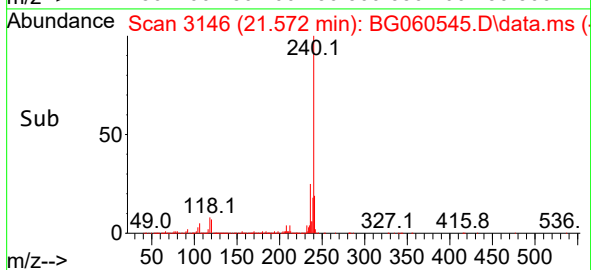
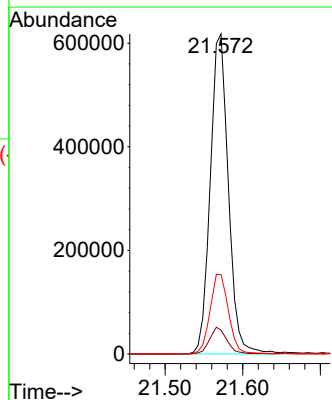
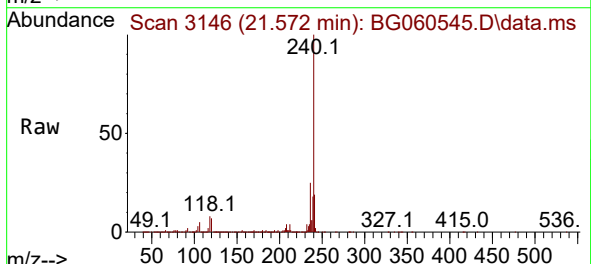
Instrument :
BNA_G
ClientSampleId :
TP-2

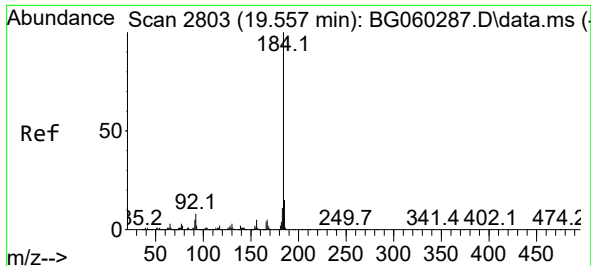
Tgt Ion:248 Resp: 53242
Ion Ratio Lower Upper
248 100
250 187.2 77.6 116.4#
141 330.3 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3146
Delta R.T. -0.006 min
Lab File: BG060545.D
Acq: 1 Feb 2024 23:03

Tgt Ion:240 Resp: 1001886
Ion Ratio Lower Upper
240 100
120 7.4 7.3 10.9
236 24.8 20.3 30.5

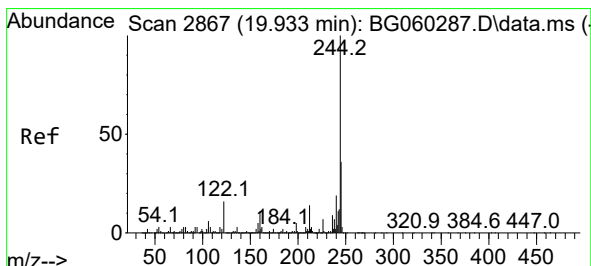
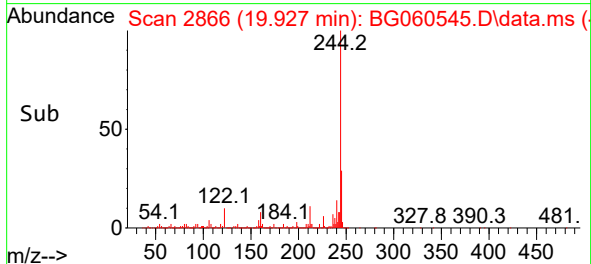
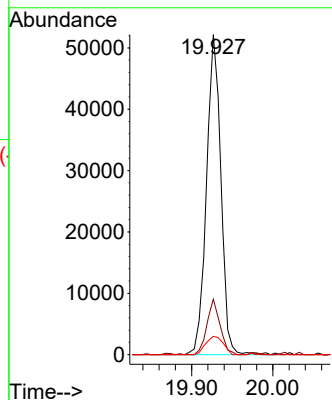
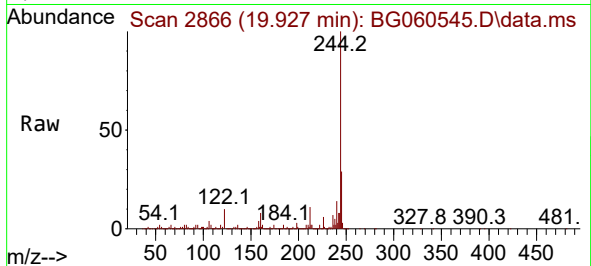




#77
Benzidine
Concen: 2.942 ng
RT: 19.927 min Scan# 2866
Delta R.T. 0.370 min
Lab File: BG060545.D
Acq: 1 Feb 2024 23:03

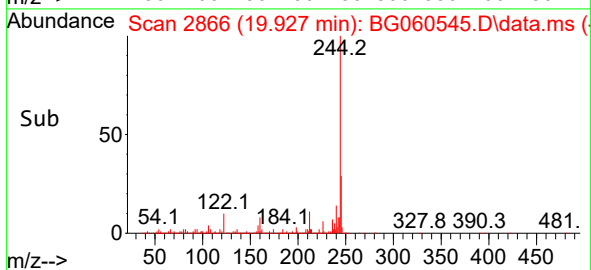
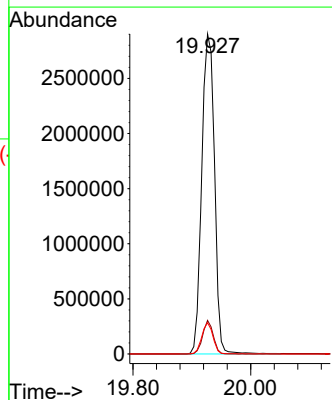
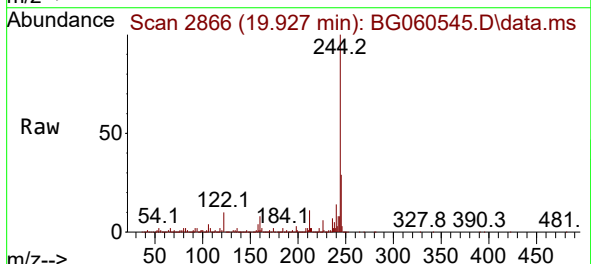
Instrument :
BNA_G
ClientSampleId :
TP-2

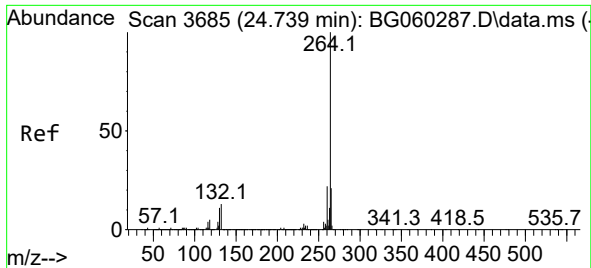
Tgt Ion:184 Resp: 64028
Ion Ratio Lower Upper
184 100
185 17.3 12.2 18.4
183 5.8 9.0 13.4#



#79
Terphenyl-d14
Concen: 148.424 ng
RT: 19.927 min Scan# 2866
Delta R.T. -0.006 min
Lab File: BG060545.D
Acq: 1 Feb 2024 23:03

Tgt Ion:244 Resp: 4368645
Ion Ratio Lower Upper
244 100
212 10.5 10.9 16.3#
122 9.8 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: BG060545.D
Acq: 1 Feb 2024 23:03

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:264 Resp: 992555

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.8	26.6
265	21.5	16.8	25.2

