

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
 Data File : BG060355.D
 Acq On : 18 Jan 2024 16:50
 Operator : MA/JU
 Sample : P1159-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-011724

Quant Time: Jan 18 17:23:29 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)

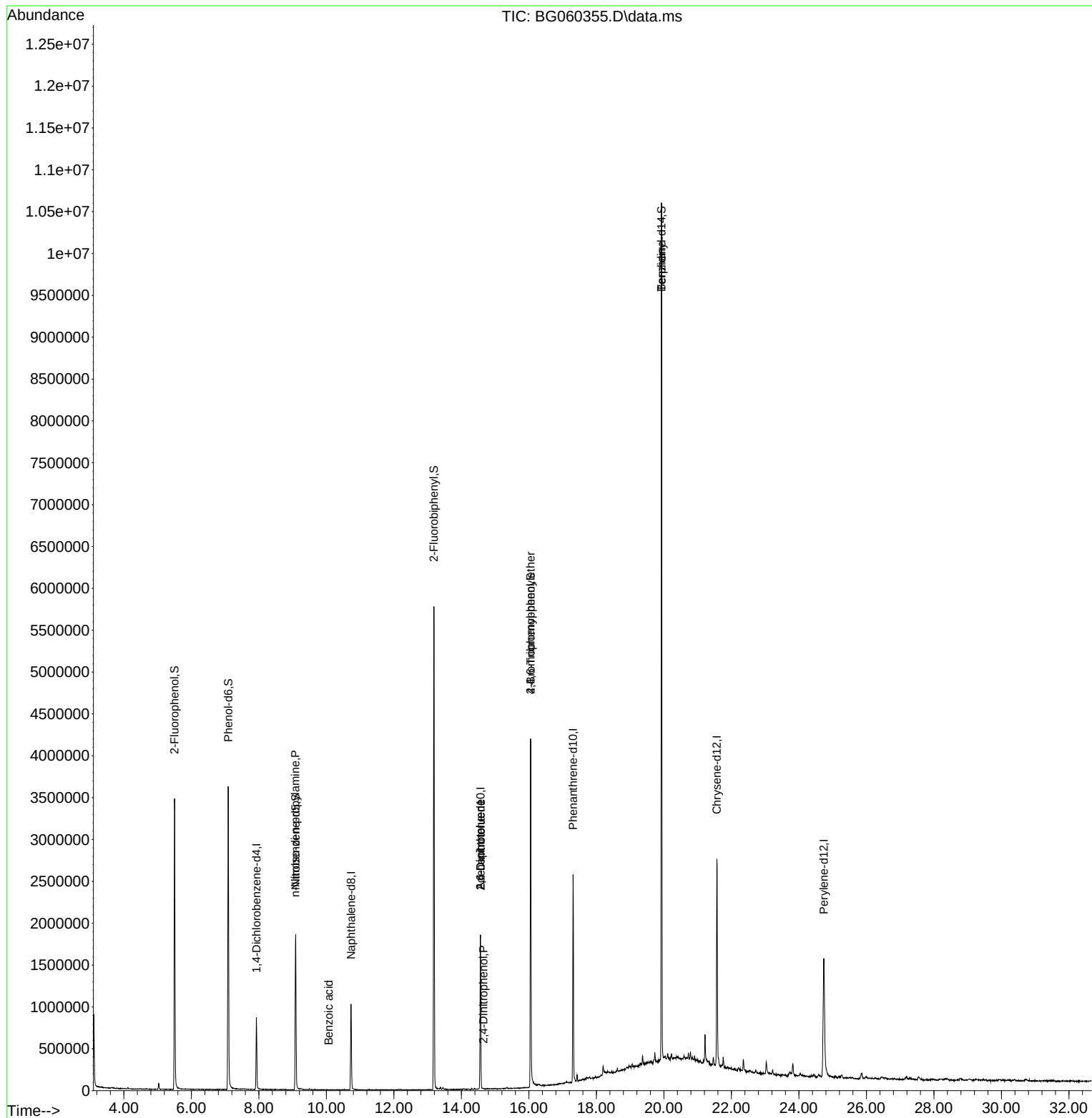
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	267690	20.000	ng	0.00
21) Naphthalene-d8	10.729	136	930519	20.000	ng	0.00
39) Acenaphthene-d10	14.566	164	680440	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	1703139	20.000	ng	0.00
76) Chrysene-d12	21.569	240	1554065	20.000	ng	0.00
86) Perylene-d12	24.736	264	1801811	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.500	112	1708866	104.999	ng	0.00
7) Phenol-d6	7.092	99	2518942	104.522	ng	0.00
23) Nitrobenzene-d5	9.090	82	1330430	67.514	ng	0.00
42) 2,4,6-Tribromophenol	16.052	330	962580	96.150	ng	0.00
45) 2-Fluorobiphenyl	13.185	172	3255062	66.509	ng	0.00
79) Terphenyl-d14	19.930	244	4711347	72.288	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.084	70	159653	9.572	ng	# 83
32) Benzoic acid	10.065	122	68	10.207	ng	# 1
51) 2,6-Dinitrotoluene	14.566	165	89141	8.034	ng	# 32
54) 2,4-Dinitrophenol	14.648	184	54	8.594	ng	# 27
57) 2,4-Dinitrotoluene	14.566	165	89141	5.859	ng	# 25
67) 4-Bromophenyl-phenylether	16.052	248	59431	3.176	ng	# 1
77) Benzidine	19.930	184	78424	2.323	ng	# 97

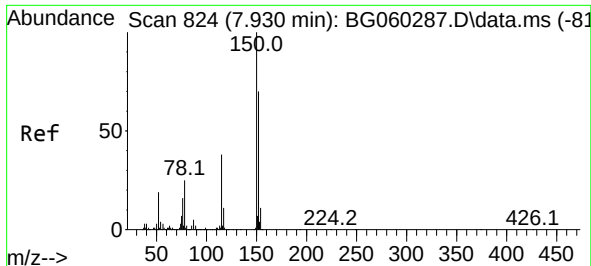
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
Data File : BG060355.D
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Operator : MA/JU
Sample : P1159-01
Misc :
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Instrument :
BNA_G
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Quant Time: Jan 18 17:23:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
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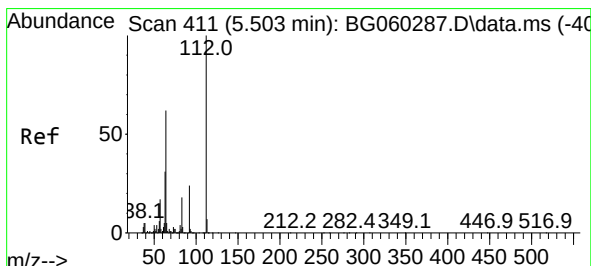
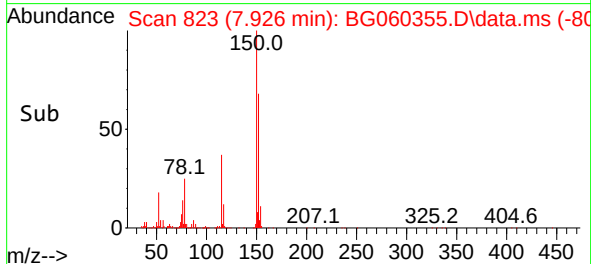
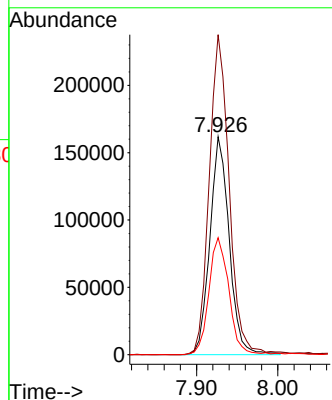
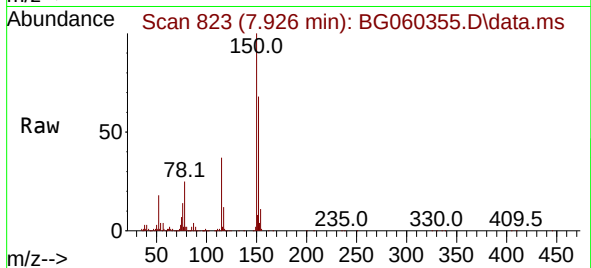




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.926 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060355.D
Acq: 18 Jan 2024 16:50

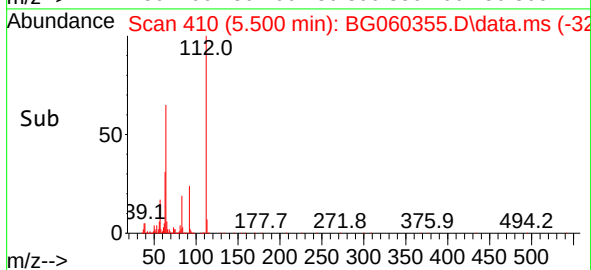
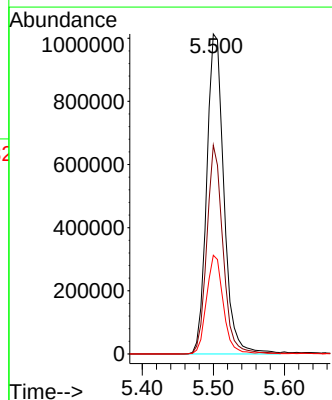
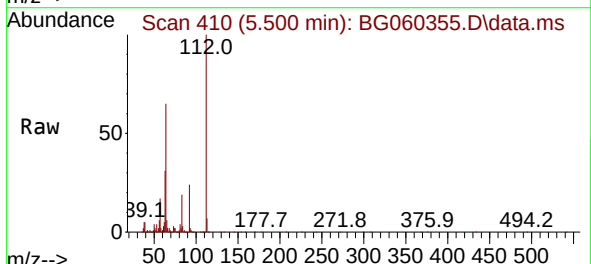
Instrument :
BNA_G
ClientSampleId :
TP-011724

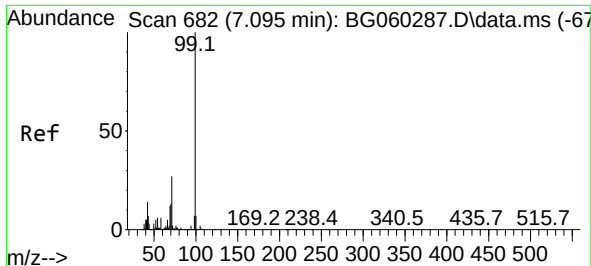
Tgt Ion:152 Resp: 267690
Ion Ratio Lower Upper
152 100
150 146.9 114.5 171.7
115 53.7 43.0 64.6



#5
2-Fluorophenol
Concen: 104.999 ng
RT: 5.500 min Scan# 410
Delta R.T. -0.003 min
Lab File: BG060355.D
Acq: 18 Jan 2024 16:50

Tgt Ion:112 Resp: 1708866
Ion Ratio Lower Upper
112 100
64 65.2 49.8 74.6
63 30.9 24.4 36.6



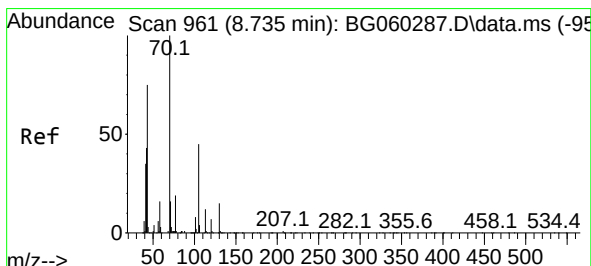
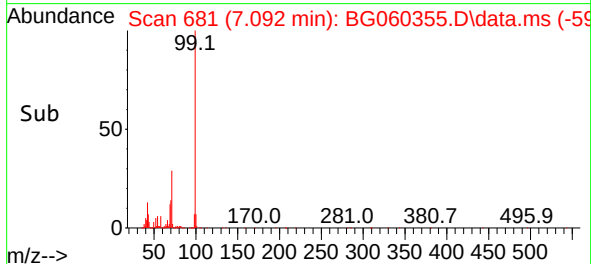
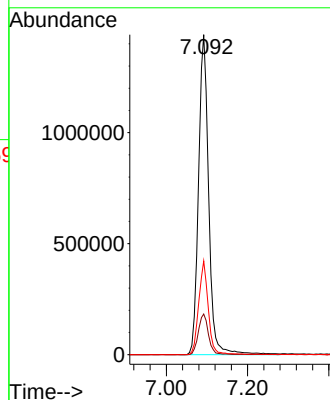
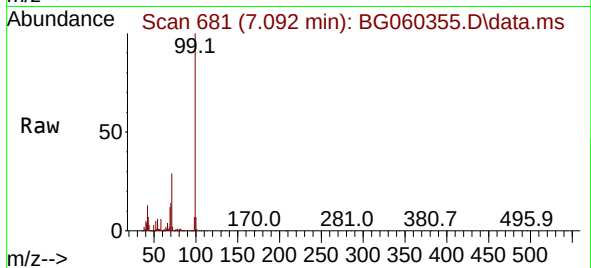


#7
Phenol-d6
Concen: 104.522 ng
RT: 7.092 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG060355.D
Acq: 18 Jan 2024 16:50

Instrument :
BNA_G
ClientSampleId :
TP-011724

Tgt Ion: 99 Resp: 2518942

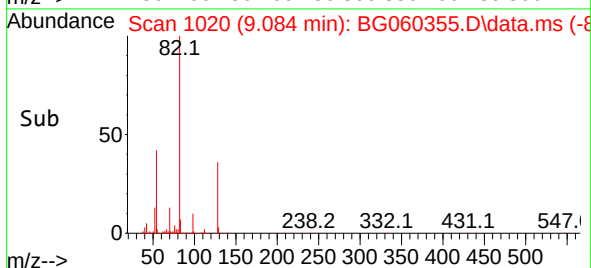
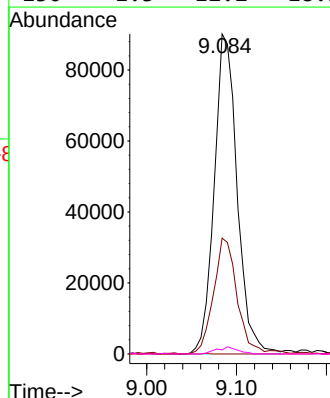
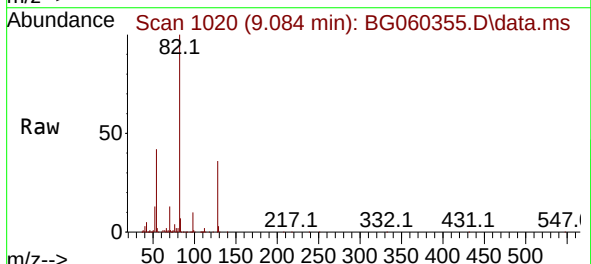
Ion	Ratio	Lower	Upper
99	100		
42	12.7	10.9	16.3
71	29.3	21.5	32.3

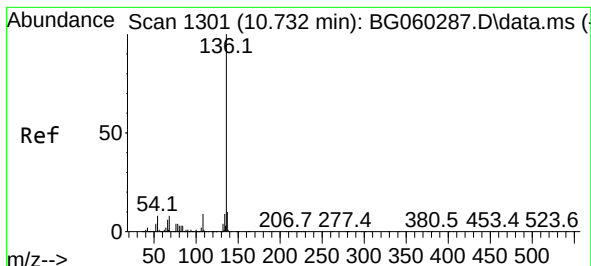


#19
n-Nitroso-di-n-propylamine
Concen: 9.572 ng
RT: 9.084 min Scan# 1020
Delta R.T. 0.349 min
Lab File: BG060355.D
Acq: 18 Jan 2024 16:50

Tgt Ion: 70 Resp: 159653

Ion	Ratio	Lower	Upper
70	100		
42	36.2	34.3	51.5
101	0.0	6.2	9.2#
130	1.3	12.2	18.2#



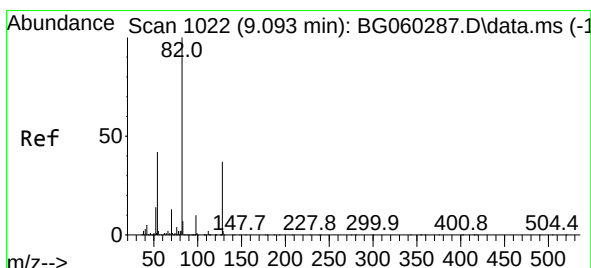
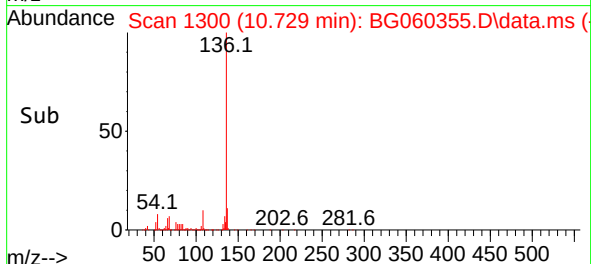
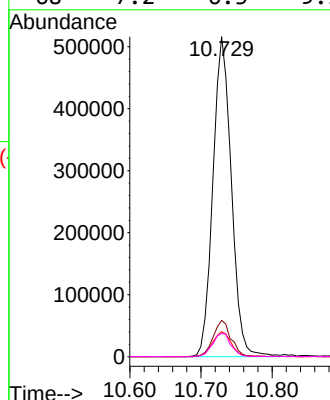
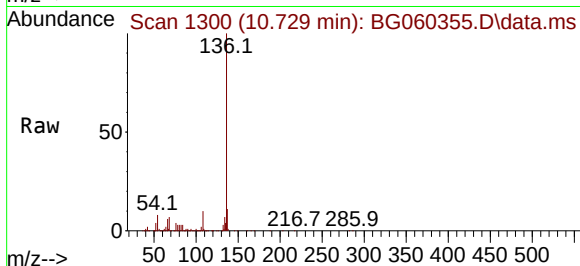


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.729 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060355.D
Acq: 18 Jan 2024 16:50

Instrument :
BNA_G
ClientSampleId :
TP-011724

Tgt Ion:136 Resp: 930519

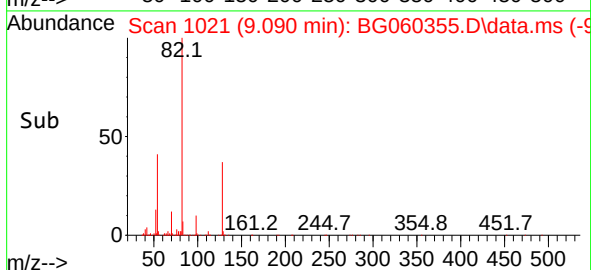
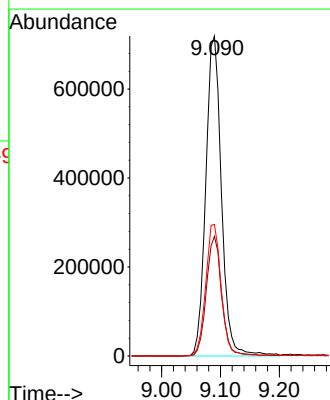
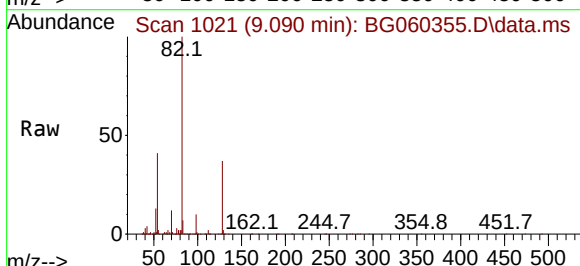
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.2	12.4
54	7.8	6.2	9.2
68	7.2	6.3	9.5

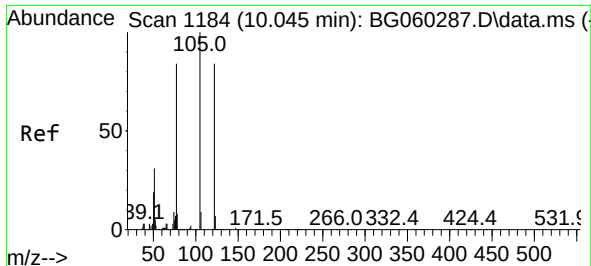


#23
Nitrobenzene-d5
Concen: 67.514 ng
RT: 9.090 min Scan# 1021
Delta R.T. -0.003 min
Lab File: BG060355.D
Acq: 18 Jan 2024 16:50

Tgt Ion: 82 Resp: 1330430

Ion	Ratio	Lower	Upper
82	100		
128	37.4	29.6	44.4
54	41.1	33.6	50.4

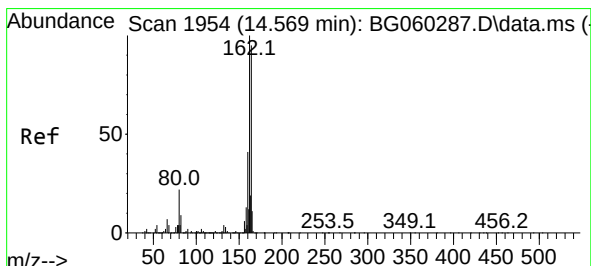
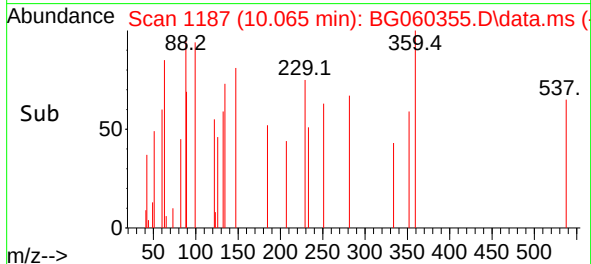
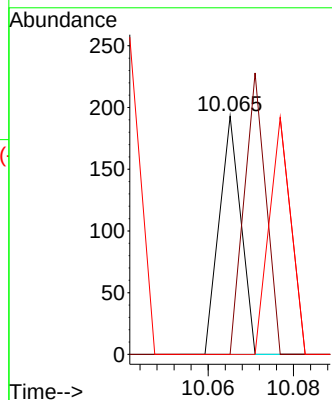
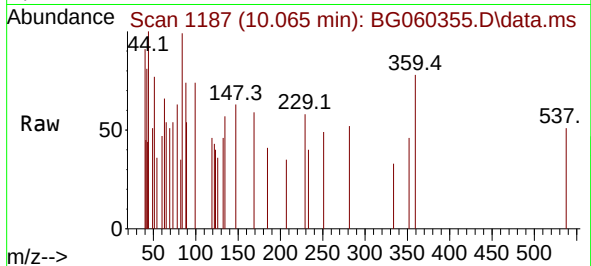




#32
Benzoic acid
Concen: 10.207 ng
RT: 10.065 min Scan# 1184
Delta R.T. 0.020 min
Lab File: BG060355.D
Acq: 18 Jan 2024 16:50

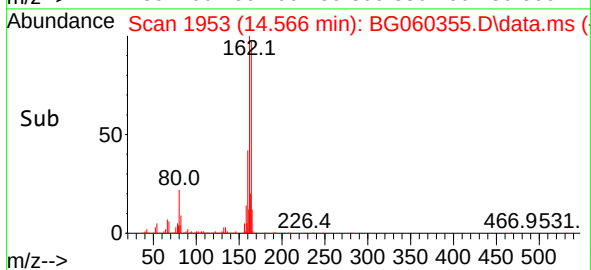
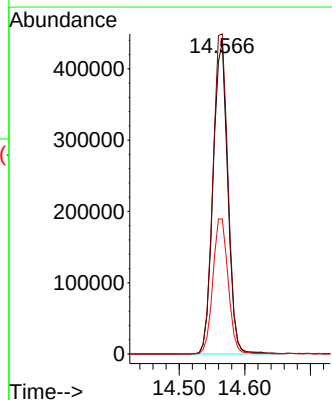
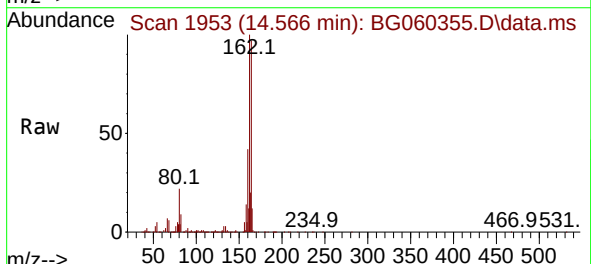
Instrument :
BNA_G
ClientSampleId :
TP-011724

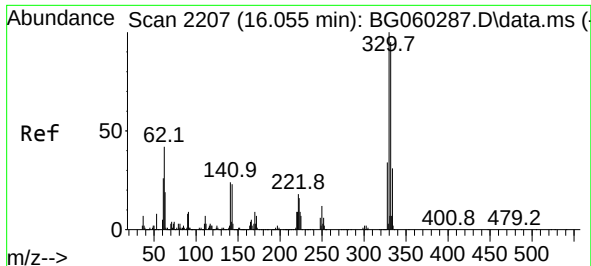
Tgt Ion:122 Resp: 68
Ion Ratio Lower Upper
122 100
105 0.0 96.0 136.0#
77 0.0 80.1 120.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.566 min Scan# 1953
Delta R.T. -0.003 min
Lab File: BG060355.D
Acq: 18 Jan 2024 16:50

Tgt Ion:164 Resp: 680440
Ion Ratio Lower Upper
164 100
162 102.6 84.4 126.6
160 43.3 34.6 52.0

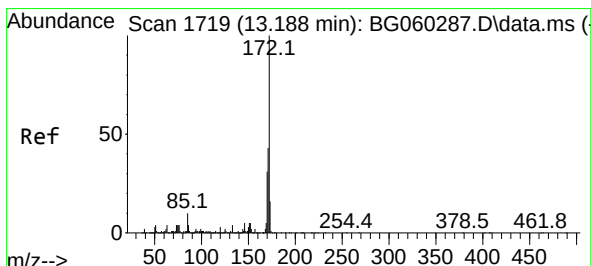
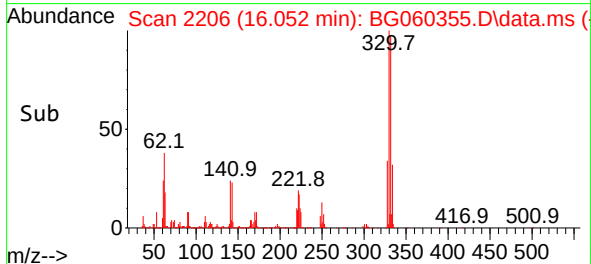
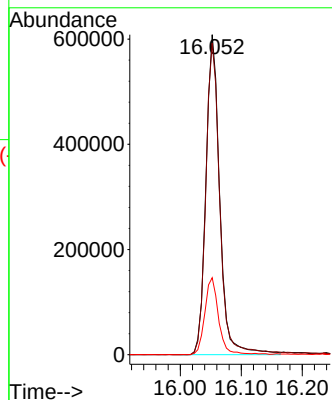
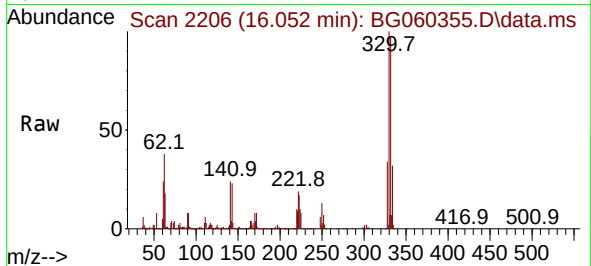




#42
2,4,6-Tribromophenol
Concen: 96.150 ng
RT: 16.052 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060355.D
Acq: 18 Jan 2024 16:50

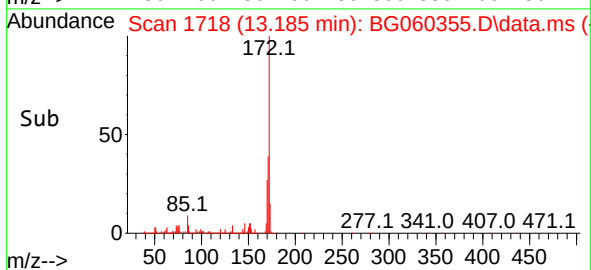
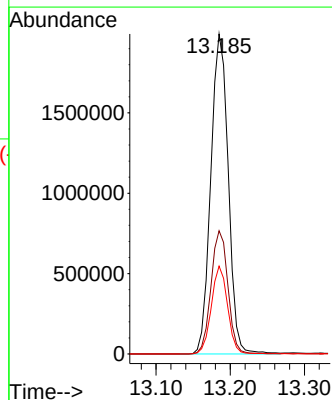
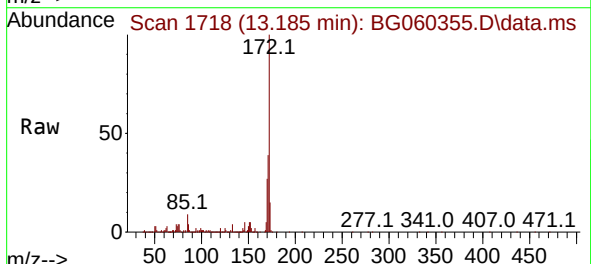
Instrument :
BNA_G
ClientSampleId :
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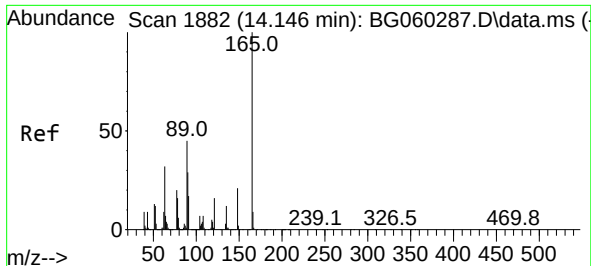
Tgt Ion:330 Resp: 962580
Ion Ratio Lower Upper
330 100
332 99.1 76.7 115.1
141 24.1 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 66.509 ng
RT: 13.185 min Scan# 1718
Delta R.T. -0.003 min
Lab File: BG060355.D
Acq: 18 Jan 2024 16:50

Tgt Ion:172 Resp: 3255062
Ion Ratio Lower Upper
172 100
171 38.5 34.6 51.8
170 27.4 24.4 36.6

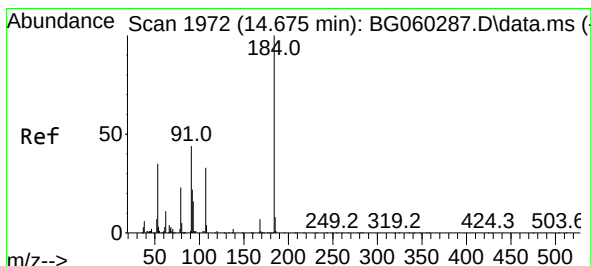
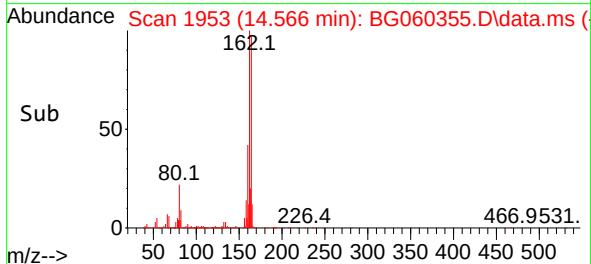
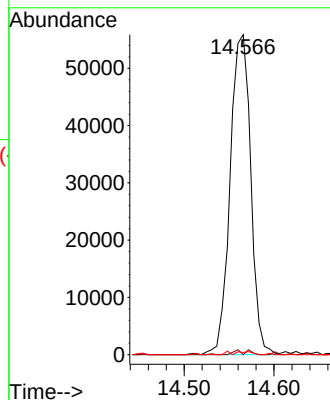
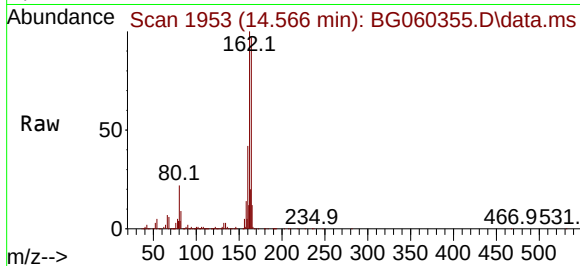




#51
2,6-Dinitrotoluene
Concen: 8.034 ng
RT: 14.566 min Scan# 1953
Delta R.T. 0.420 min
Lab File: BG060355.D
Acq: 18 Jan 2024 16:50

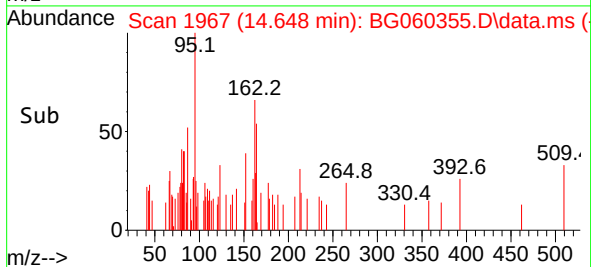
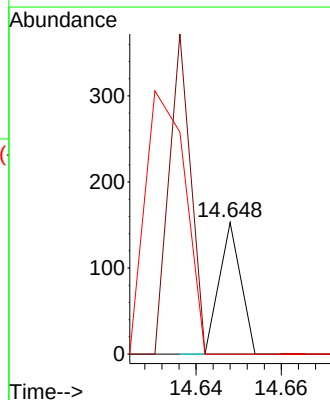
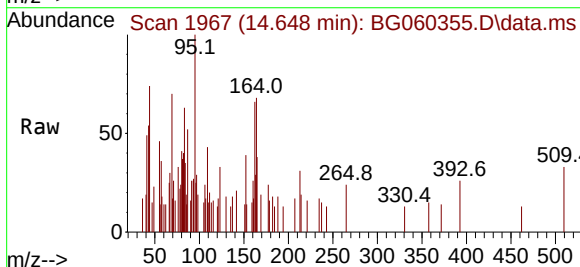
Instrument :
BNA_G
ClientSampleId :
TP-011724

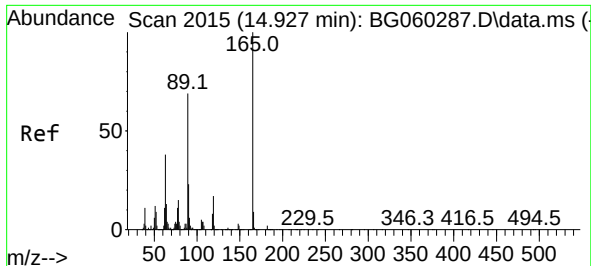
Tgt Ion:165 Resp: 89141
Ion Ratio Lower Upper
165 100
63 0.0 35.0 52.4#
89 0.7 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.594 ng
RT: 14.648 min Scan# 1967
Delta R.T. -0.027 min
Lab File: BG060355.D
Acq: 18 Jan 2024 16:50

Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 0.0 41.0 61.4#
154 0.0 39.2 58.8#

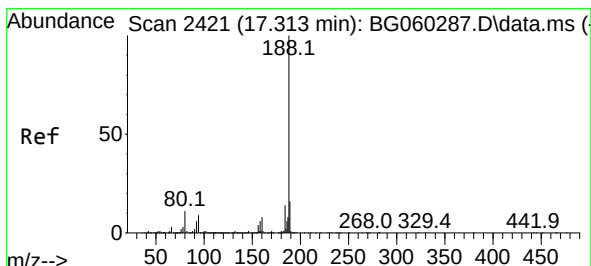
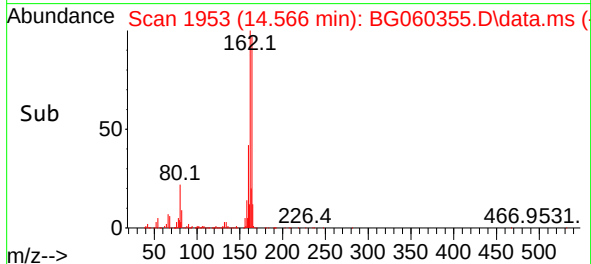
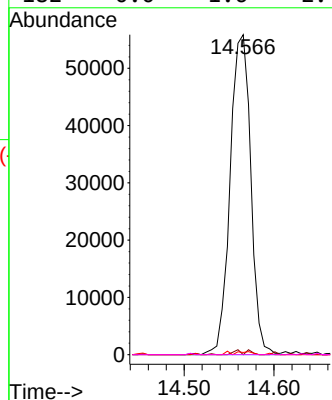
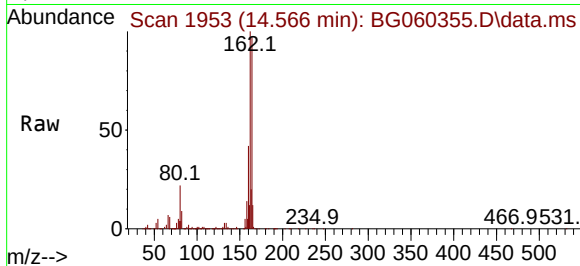




#57
2,4-Dinitrotoluene
Concen: 5.859 ng
RT: 14.566 min Scan# 1953
Delta R.T. -0.362 min
Lab File: BG060355.D
Acq: 18 Jan 2024 16:50

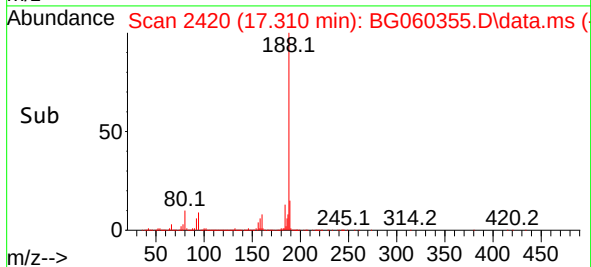
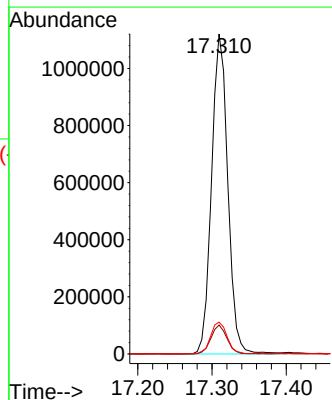
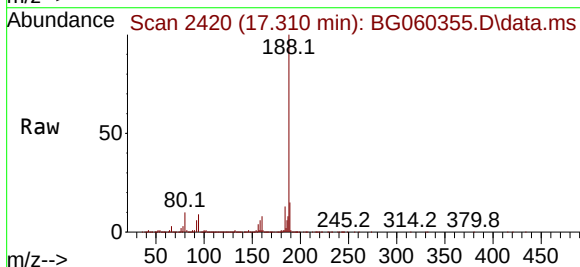
Instrument :
BNA_G
ClientSampleId :
TP-011724

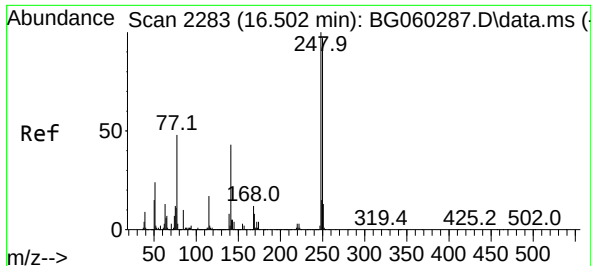
Tgt Ion:165 Resp: 89141
Ion Ratio Lower Upper
165 100
63 0.0 30.4 45.6#
89 0.7 55.4 83.0#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2420
Delta R.T. -0.003 min
Lab File: BG060355.D
Acq: 18 Jan 2024 16:50

Tgt Ion:188 Resp: 1703139
Ion Ratio Lower Upper
188 100
94 9.0 7.1 10.7
80 9.9 8.5 12.7

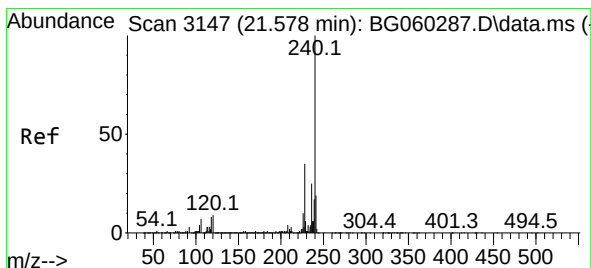
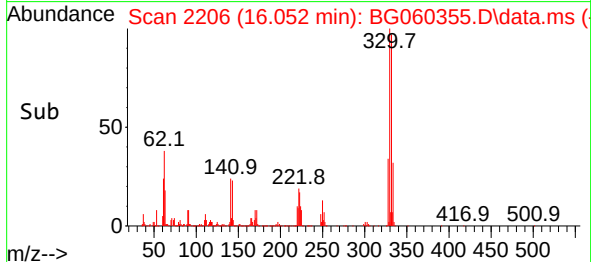
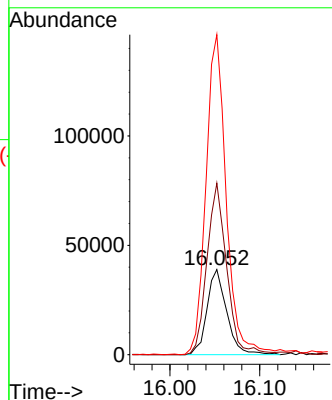
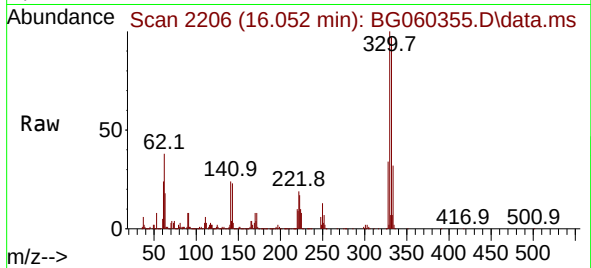




#67
4-Bromophenyl-phenylether
Concen: 3.176 ng
RT: 16.052 min Scan# 21
Delta R.T. -0.450 min
Lab File: BG060355.D
Acq: 18 Jan 2024 16:50

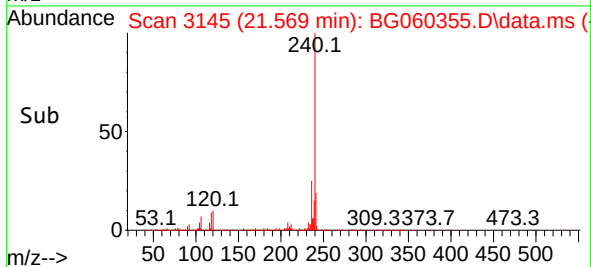
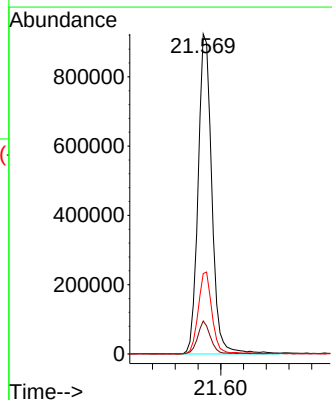
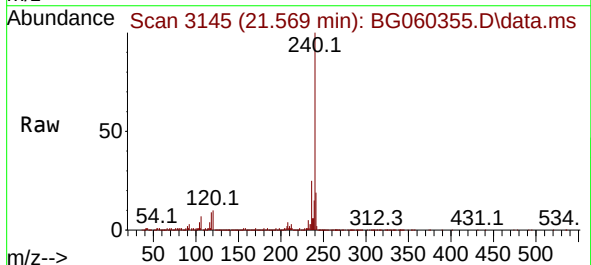
Instrument :
BNA_G
ClientSampleId :
TP-011724

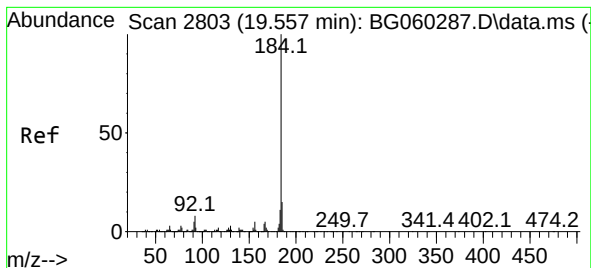
Tgt Ion:248 Resp: 59431
Ion Ratio Lower Upper
248 100
250 201.7 77.6 116.4#
141 376.1 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.569 min Scan# 3145
Delta R.T. -0.009 min
Lab File: BG060355.D
Acq: 18 Jan 2024 16:50

Tgt Ion:240 Resp: 1554065
Ion Ratio Lower Upper
240 100
120 10.3 7.3 10.9
236 25.2 20.3 30.5





#77

Benzidine

Concen: 2.323 ng

RT: 19.930 min Scan# 2866

Delta R.T. 0.373 min

Lab File: BG060355.D

Acq: 18 Jan 2024 16:50

Instrument :

BNA_G

ClientSampleId :

TP-011724

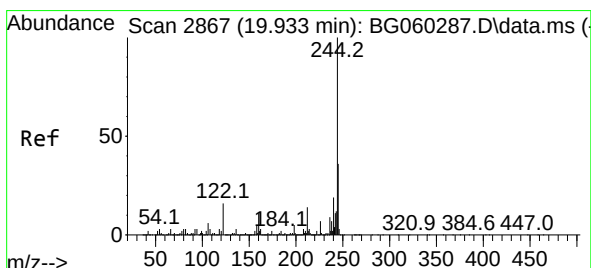
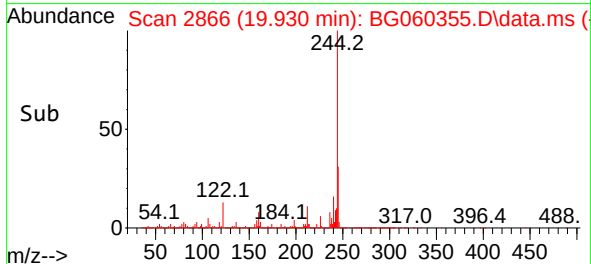
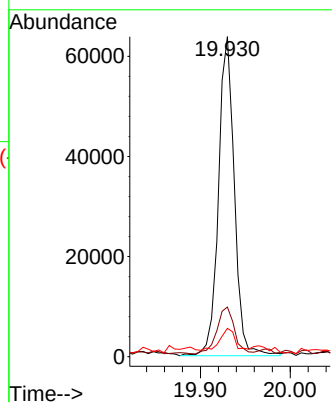
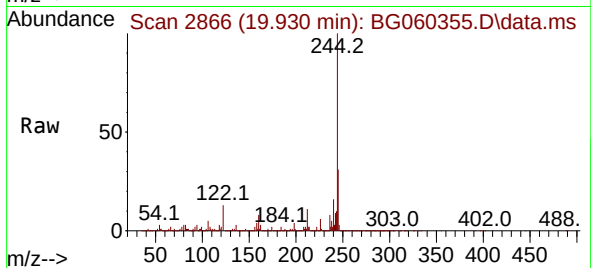
Tgt Ion:184 Resp: 78424

Ion Ratio Lower Upper

184 100

185 15.5 12.2 18.4

183 8.9 9.0 13.4#



#79

Terphenyl-d14

Concen: 72.288 ng

RT: 19.930 min Scan# 2866

Delta R.T. -0.003 min

Lab File: BG060355.D

Acq: 18 Jan 2024 16:50

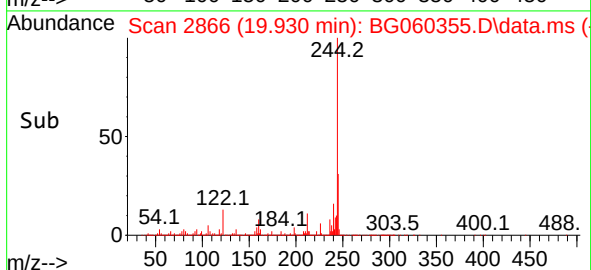
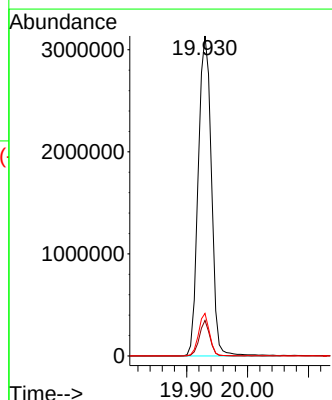
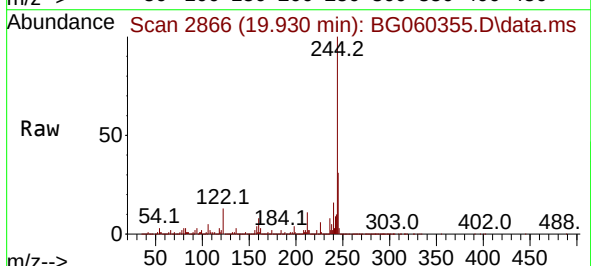
Tgt Ion:244 Resp: 4711347

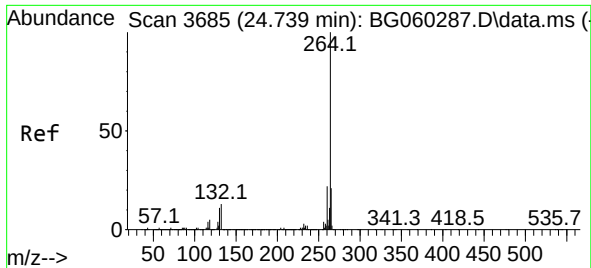
Ion Ratio Lower Upper

244 100

212 11.1 10.9 16.3

122 13.3 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: BG060355.D
Acq: 18 Jan 2024 16:50

Instrument :
BNA_G
ClientSampleId :
TP-011724

Tgt Ion:264 Resp: 1801811

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.8	26.6
265	21.3	16.8	25.2

