

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012324\
 Data File : BG060400.D
 Acq On : 23 Jan 2024 12:27
 Operator : MA/JU
 Sample : PB158553BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158553BL

Quant Time: Jan 23 13:01:19 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)

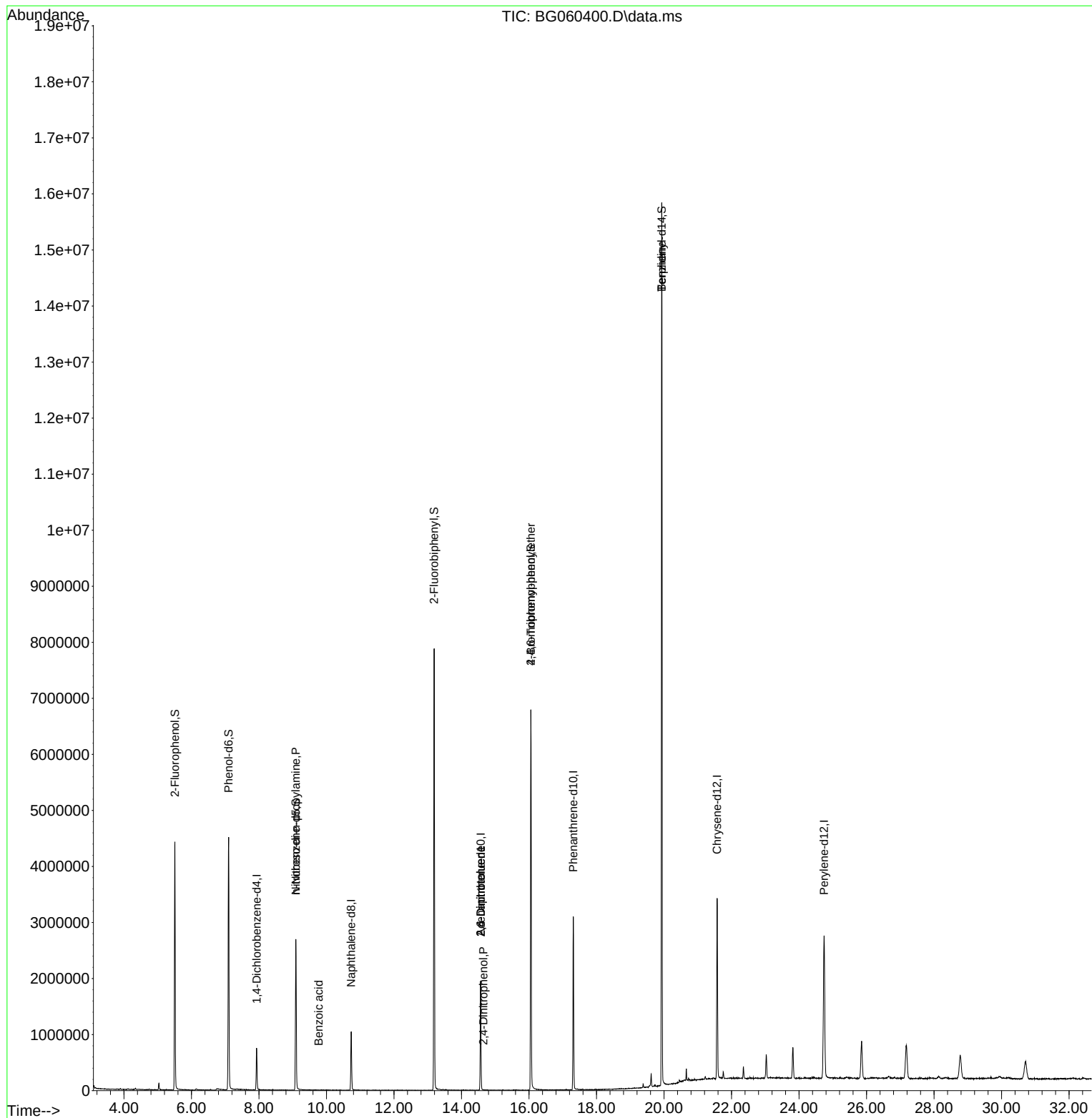
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	232961	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	938142	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	743662	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	2129880	20.000	ng	0.00
76) Chrysene-d12	21.572	240	2030855	20.000	ng	0.00
86) Perylene-d12	24.738	264	2190841	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	2125890	150.095	ng	0.00
7) Phenol-d6	7.100	99	3072619	146.504	ng	0.00
23) Nitrobenzene-d5	9.092	82	1837280	92.477	ng	0.00
42) 2,4,6-Tribromophenol	16.054	330	1549190	141.590	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	4294454	80.287	ng	0.00
79) Terphenyl-d14	19.932	244	6529737	78.957	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.092	70	227693	15.686	ng	# 82
32) Benzoic acid	9.768	122	61	10.206	ng	89
51) 2,6-Dinitrotoluene	14.568	165	99794	8.230	ng	# 33
54) 2,4-Dinitrophenol	14.650	184	95	8.598	ng	# 32
57) 2,4-Dinitrotoluene	14.568	165	99794	6.001	ng	# 25
67) 4-Bromophenyl-phenylether	16.054	248	95548	4.083	ng	# 1
77) Benzidine	19.932	184	141714	3.212	ng	# 89

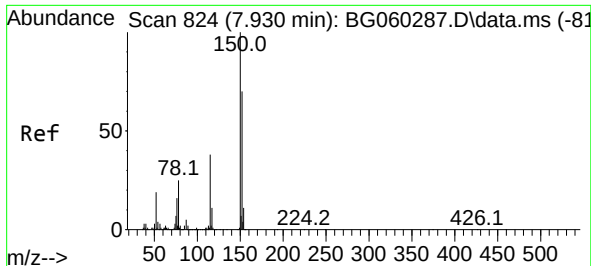
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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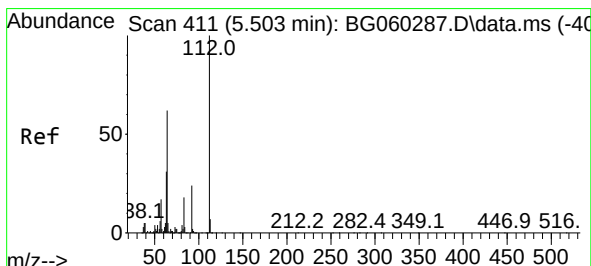
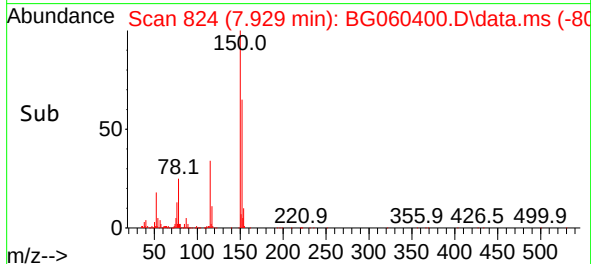
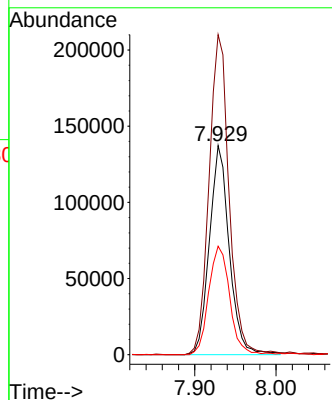
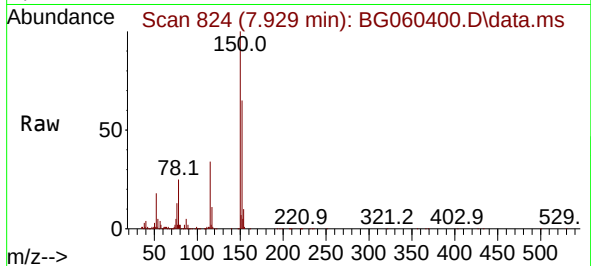




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060400.D
Acq: 23 Jan 2024 12:27

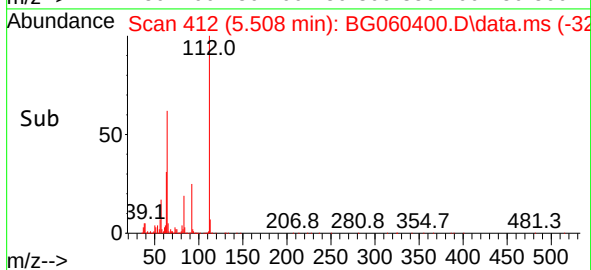
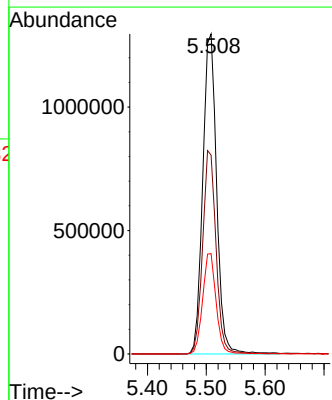
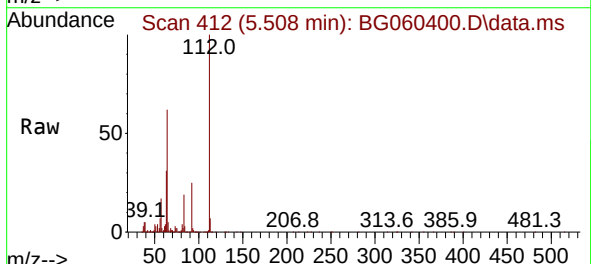
Instrument :
BNA_G
ClientSampleId :
PB158553BL

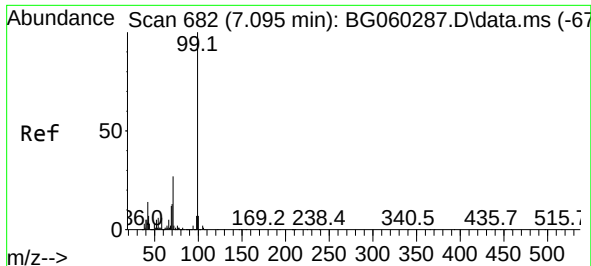
Tgt Ion:152 Resp: 232961
Ion Ratio Lower Upper
152 100
150 153.1 114.5 171.7
115 51.9 43.0 64.6



#5
2-Fluorophenol
Concen: 150.095 ng
RT: 5.508 min Scan# 412
Delta R.T. 0.005 min
Lab File: BG060400.D
Acq: 23 Jan 2024 12:27

Tgt Ion:112 Resp: 2125890
Ion Ratio Lower Upper
112 100
64 62.1 49.8 74.6
63 31.3 24.4 36.6

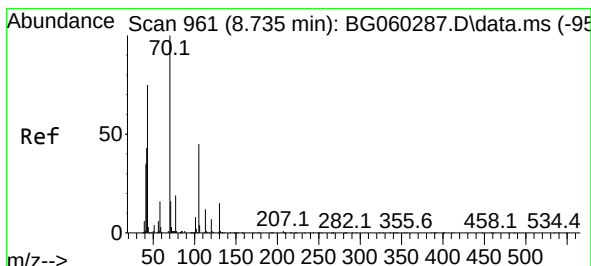
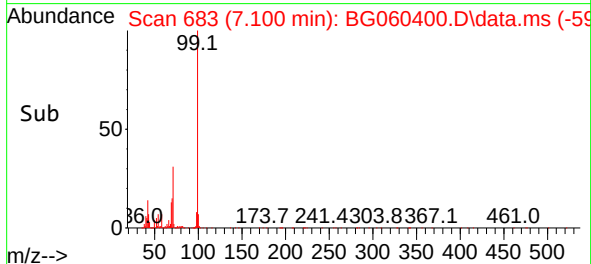
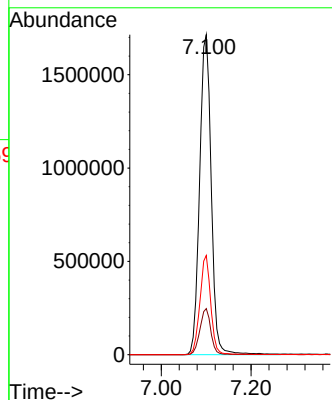
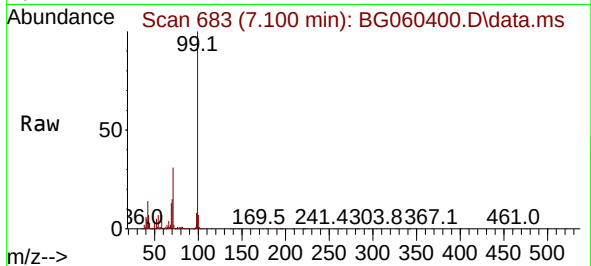




#7
Phenol-d6
Concen: 146.504 ng
RT: 7.100 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG060400.D
Acq: 23 Jan 2024 12:27

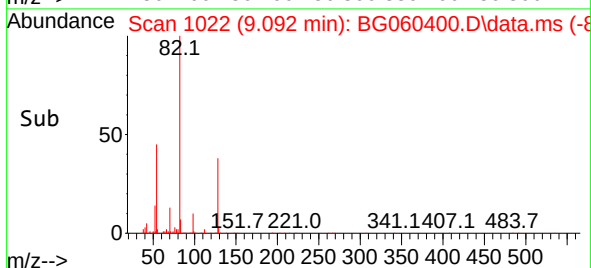
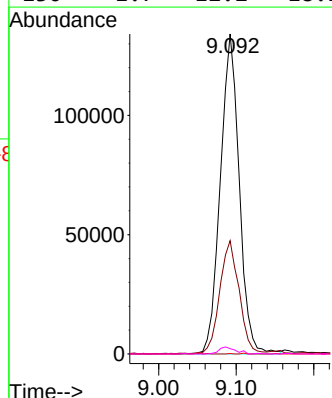
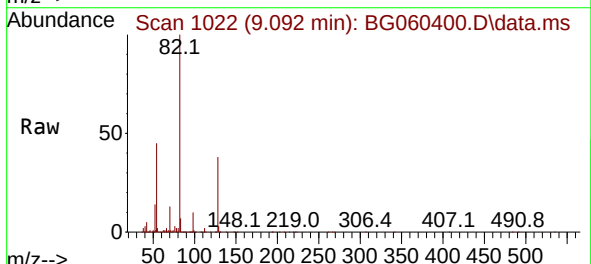
Instrument :
BNA_G
ClientSampleId :
PB158553BL

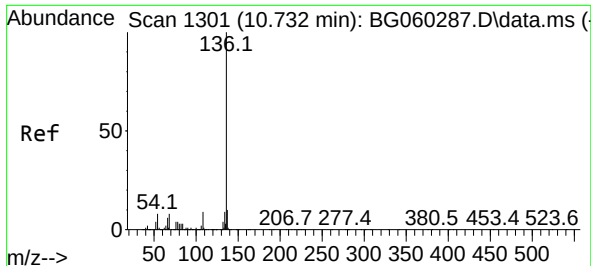
Tgt Ion: 99 Resp: 3072619
Ion Ratio Lower Upper
99 100
42 14.4 10.9 16.3
71 31.0 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.686 ng
RT: 9.092 min Scan# 1022
Delta R.T. 0.357 min
Lab File: BG060400.D
Acq: 23 Jan 2024 12:27

Tgt Ion: 70 Resp: 227693
Ion Ratio Lower Upper
70 100
42 35.4 34.3 51.5
101 0.1 6.2 9.2#
130 1.7 12.2 18.2#

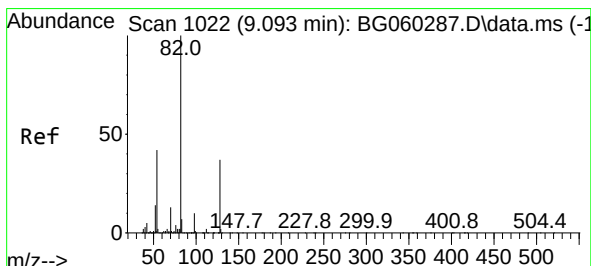
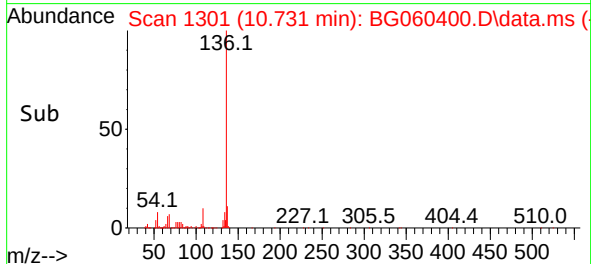
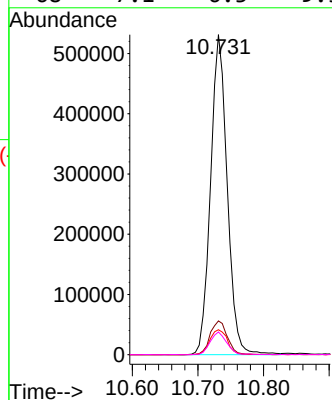
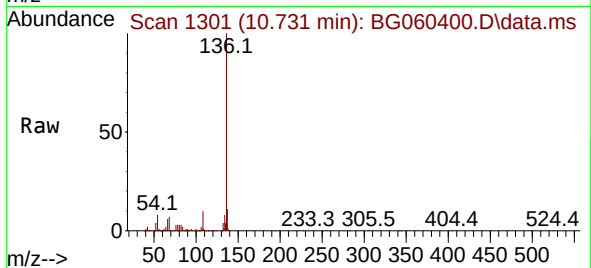




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 1301
Delta R.T. -0.001 min
Lab File: BG060400.D
Acq: 23 Jan 2024 12:27

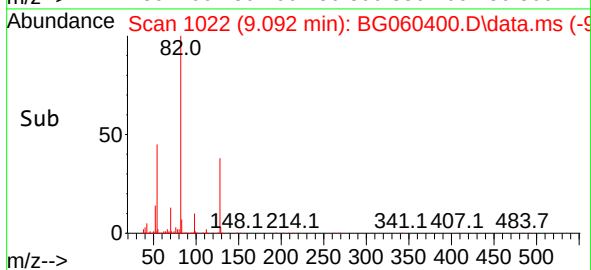
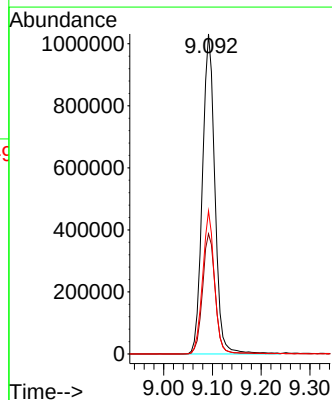
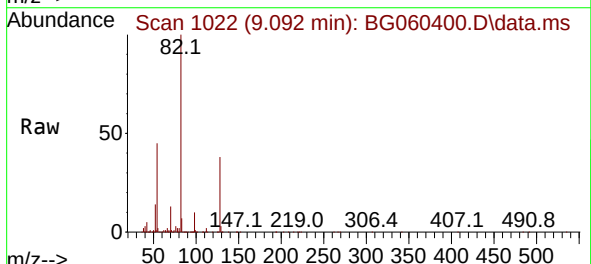
Instrument :
BNA_G
ClientSampleId :
PB158553BL

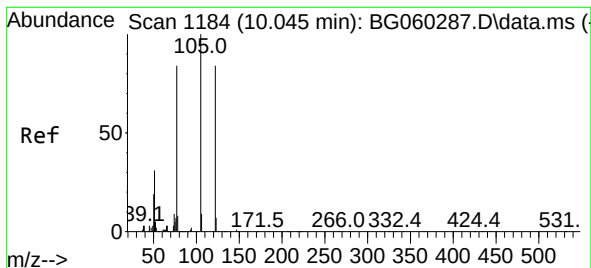
Tgt Ion:	136	Resp:	938142
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.4
54	7.8	6.2	9.2
68	7.1	6.3	9.5



#23
Nitrobenzene-d5
Concen: 92.477 ng
RT: 9.092 min Scan# 1022
Delta R.T. -0.001 min
Lab File: BG060400.D
Acq: 23 Jan 2024 12:27

Tgt Ion:	82	Resp:	1837280
Ion	Ratio	Lower	Upper
82	100		
128	37.5	29.6	44.4
54	44.7	33.6	50.4

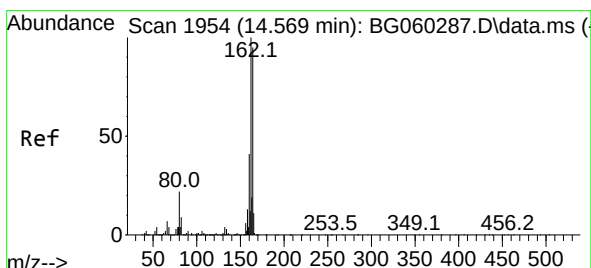
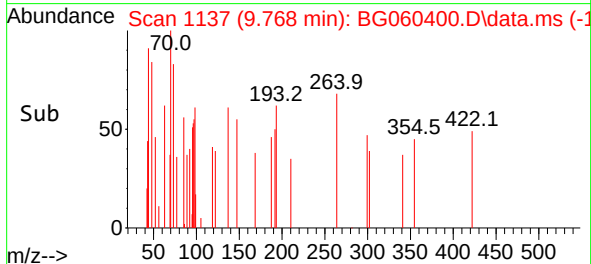
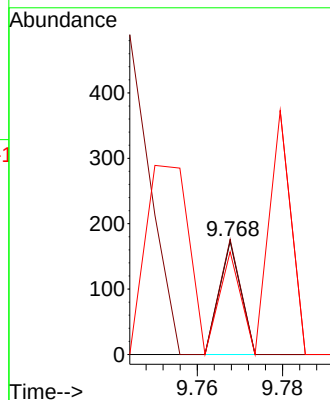
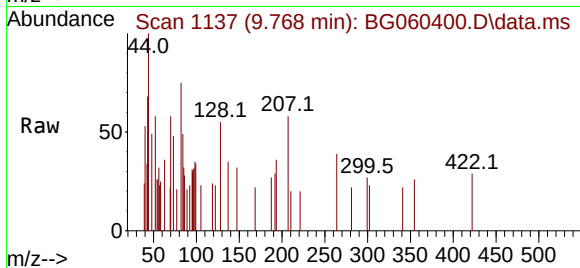




#32
Benzoic acid
Concen: 10.206 ng
RT: 9.768 min Scan# 1184
Delta R.T. -0.277 min
Lab File: BG060400.D
Acq: 23 Jan 2024 12:27

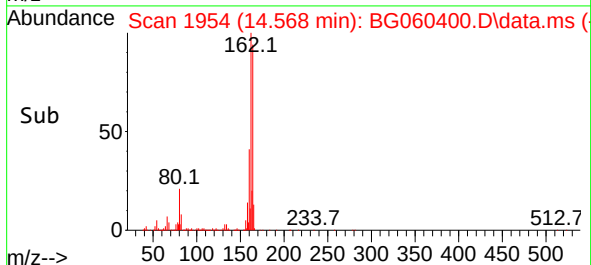
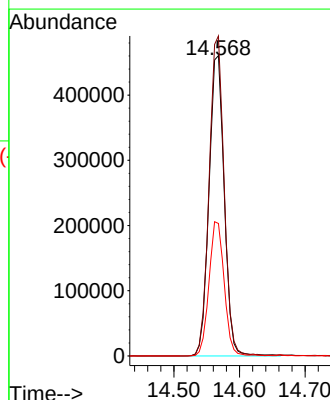
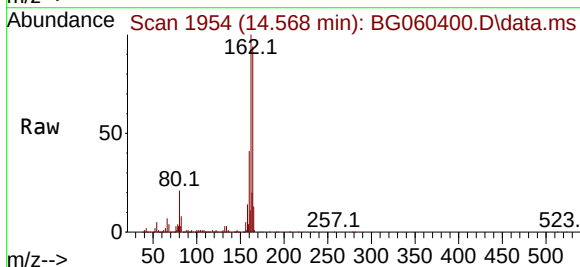
Instrument :
BNA_G
ClientSampleId :
PB158553BL

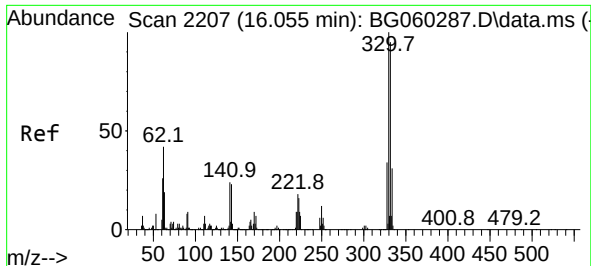
Tgt Ion:122 Resp: 61
Ion Ratio Lower Upper
122 100
105 101.7 96.0 136.0
77 90.8 80.1 120.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1954
Delta R.T. -0.001 min
Lab File: BG060400.D
Acq: 23 Jan 2024 12:27

Tgt Ion:164 Resp: 743662
Ion Ratio Lower Upper
164 100
162 106.6 84.4 126.6
160 44.1 34.6 52.0

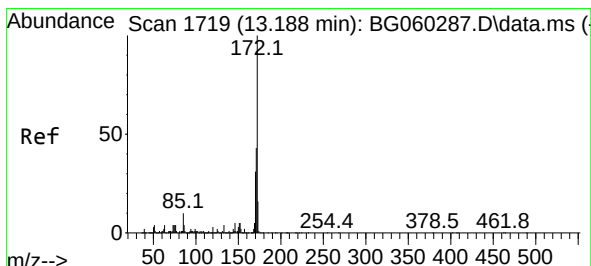
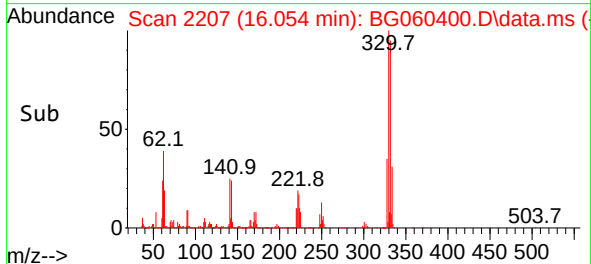
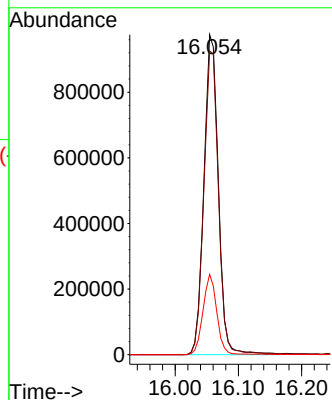
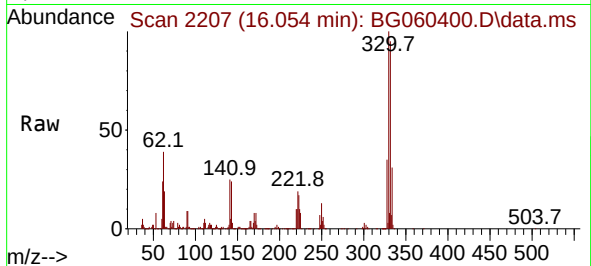




#42
2,4,6-Tribromophenol
Concen: 141.590 ng
RT: 16.054 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060400.D
Acq: 23 Jan 2024 12:27

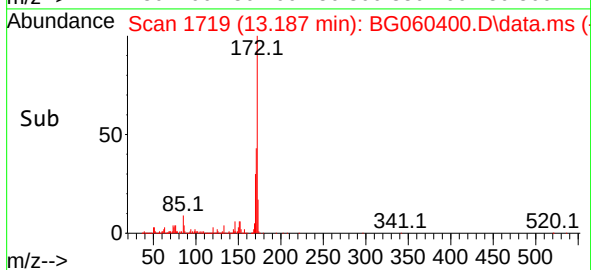
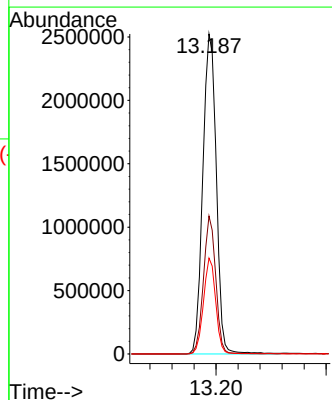
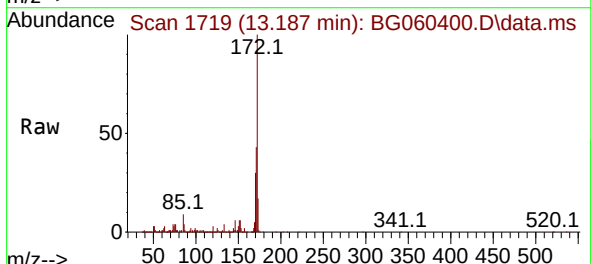
Instrument :
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ClientSampleId :
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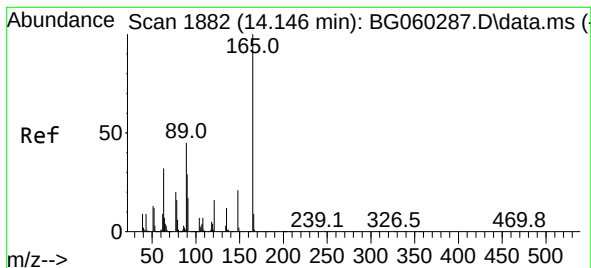
Tgt Ion:330 Resp: 1549190
Ion Ratio Lower Upper
330 100
332 95.9 76.7 115.1
141 23.9 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 80.287 ng
RT: 13.187 min Scan# 1719
Delta R.T. -0.001 min
Lab File: BG060400.D
Acq: 23 Jan 2024 12:27

Tgt Ion:172 Resp: 4294454
Ion Ratio Lower Upper
172 100
171 43.1 34.6 51.8
170 29.9 24.4 36.6

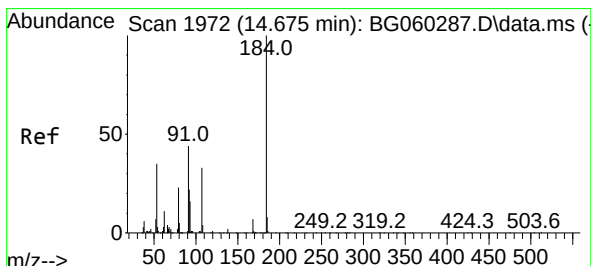
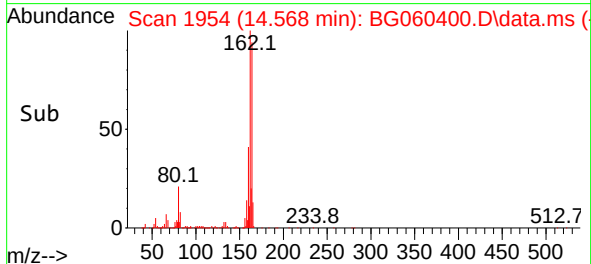
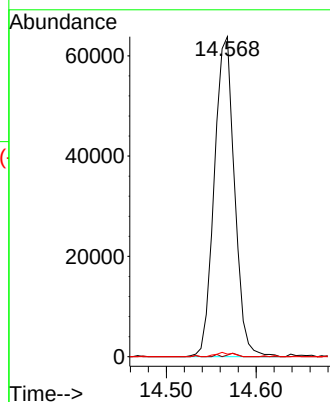
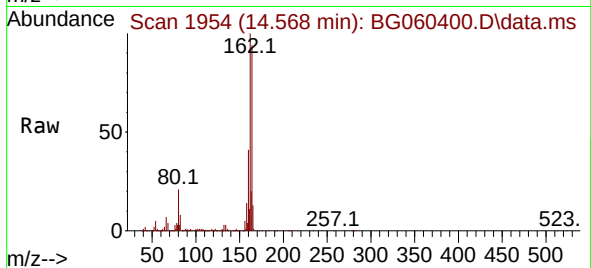




#51
2,6-Dinitrotoluene
Concen: 8.230 ng
RT: 14.568 min Scan# 1954
Delta R.T. 0.422 min
Lab File: BG060400.D
Acq: 23 Jan 2024 12:27

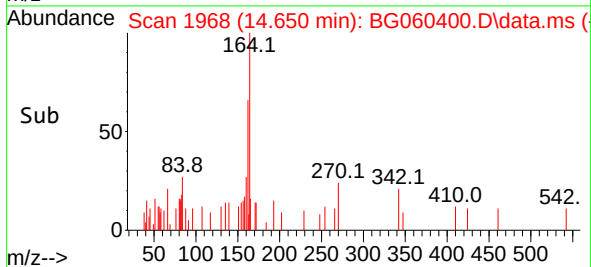
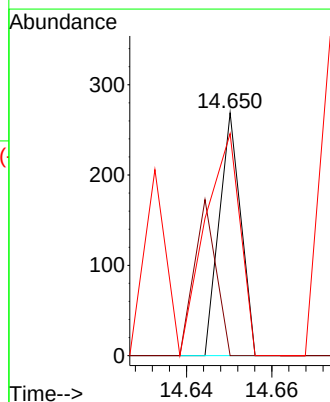
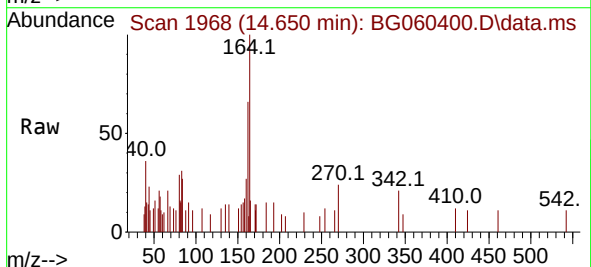
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ClientSampleId :
PB158553BL

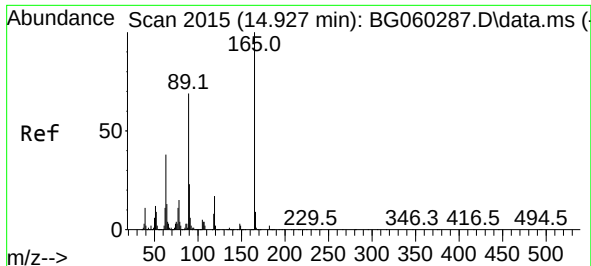
Tgt Ion:165 Resp: 99794
Ion Ratio Lower Upper
165 100
63 0.5 35.0 52.4#
89 0.8 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.598 ng
RT: 14.650 min Scan# 1968
Delta R.T. -0.025 min
Lab File: BG060400.D
Acq: 23 Jan 2024 12:27

Tgt Ion:184 Resp: 95
Ion Ratio Lower Upper
184 100
63 0.0 41.0 61.4#
154 91.4 39.2 58.8#

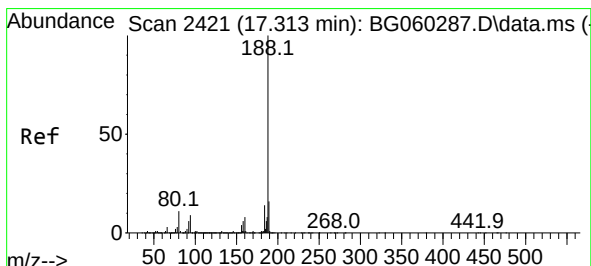
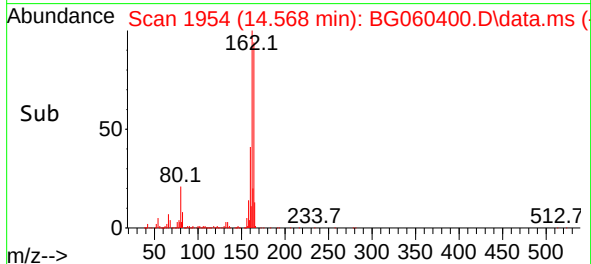
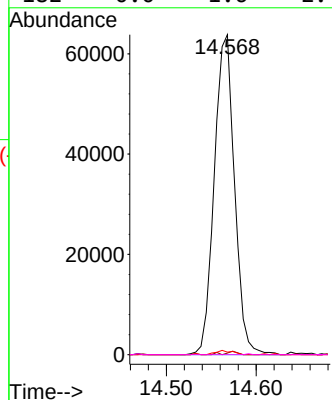
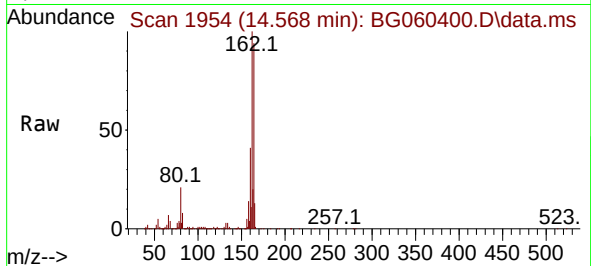




#57
2,4-Dinitrotoluene
Concen: 6.001 ng
RT: 14.568 min Scan# 1954
Delta R.T. -0.359 min
Lab File: BG060400.D
Acq: 23 Jan 2024 12:27

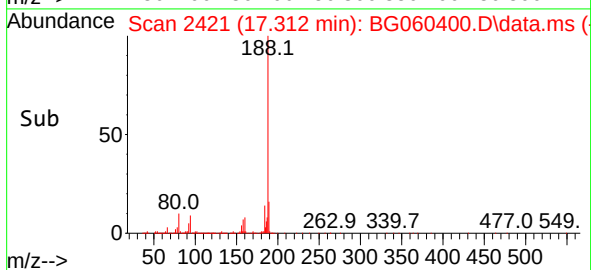
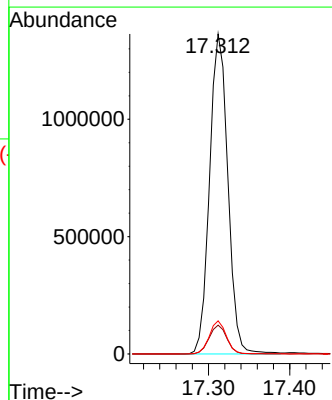
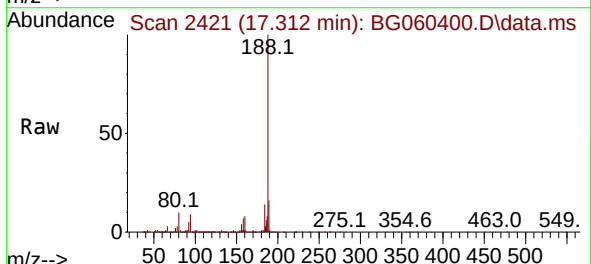
Instrument :
BNA_G
ClientSampleId :
PB158553BL

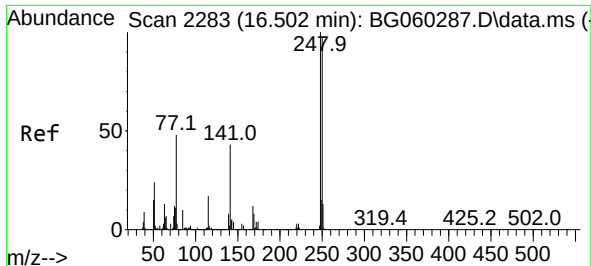
Tgt Ion:165 Resp: 99794
Ion Ratio Lower Upper
165 100
63 0.5 30.4 45.6#
89 0.8 55.4 83.0#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.312 min Scan# 2421
Delta R.T. -0.001 min
Lab File: BG060400.D
Acq: 23 Jan 2024 12:27

Tgt Ion:188 Resp: 2129880
Ion Ratio Lower Upper
188 100
94 9.0 7.1 10.7
80 10.3 8.5 12.7

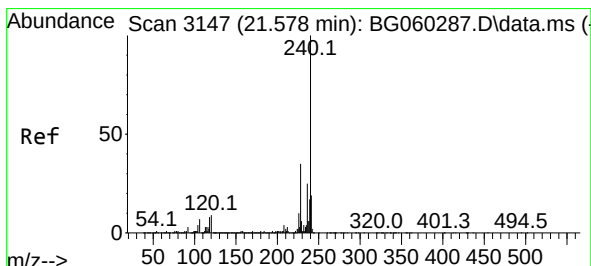
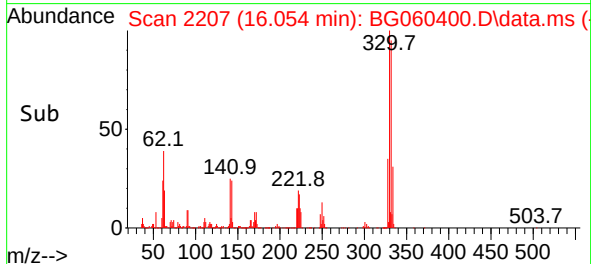
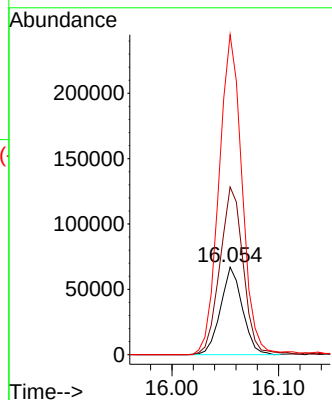
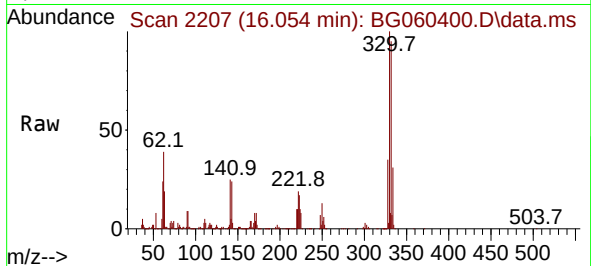




#67
4-Bromophenyl-phenylether
Concen: 4.083 ng
RT: 16.054 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG060400.D
Acq: 23 Jan 2024 12:27

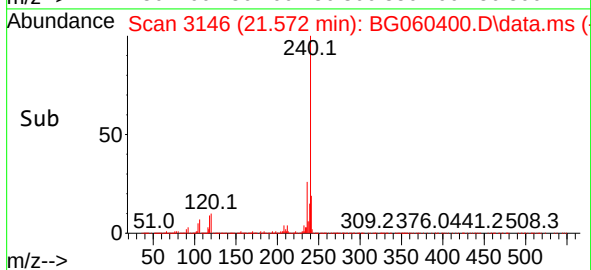
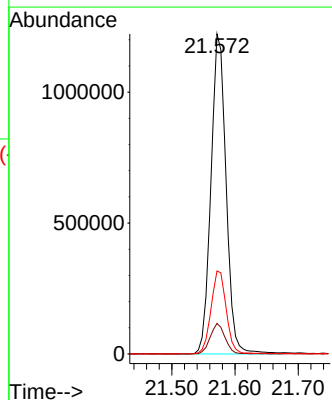
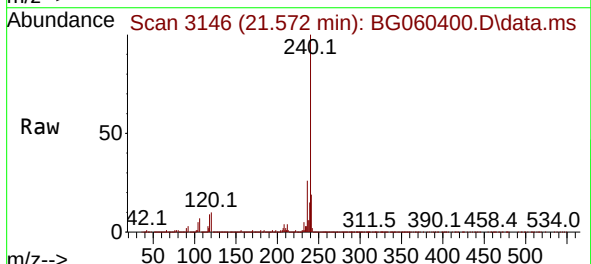
Instrument :
BNA_G
ClientSampleId :
PB158553BL

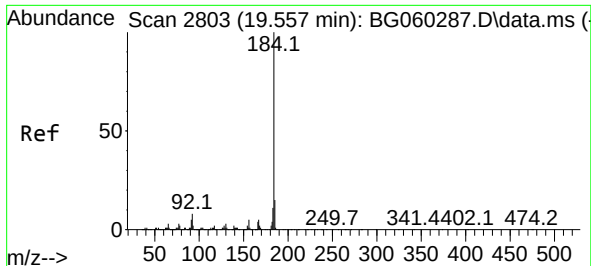
Tgt Ion:248 Resp: 95548
Ion Ratio Lower Upper
248 100
250 191.5 77.6 116.4#
141 365.3 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3146
Delta R.T. -0.007 min
Lab File: BG060400.D
Acq: 23 Jan 2024 12:27

Tgt Ion:240 Resp: 2030855
Ion Ratio Lower Upper
240 100
120 9.6 7.3 10.9
236 26.0 20.3 30.5

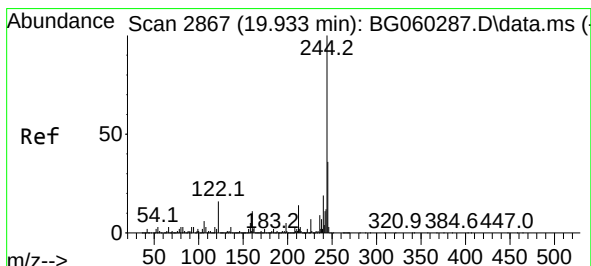
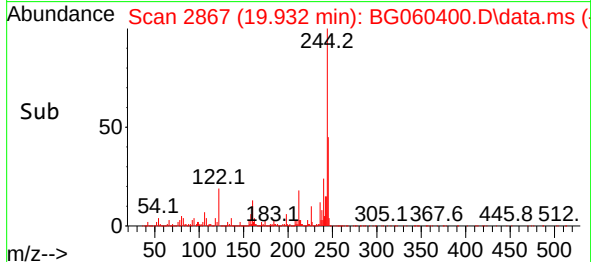
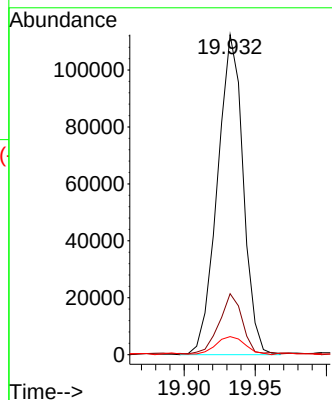
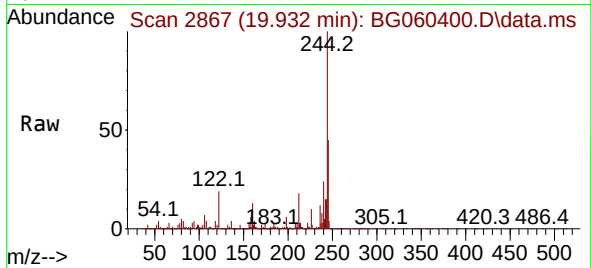




#77
Benzidine
Concen: 3.212 ng
RT: 19.932 min Scan# 2867
Delta R.T. 0.375 min
Lab File: BG060400.D
Acq: 23 Jan 2024 12:27

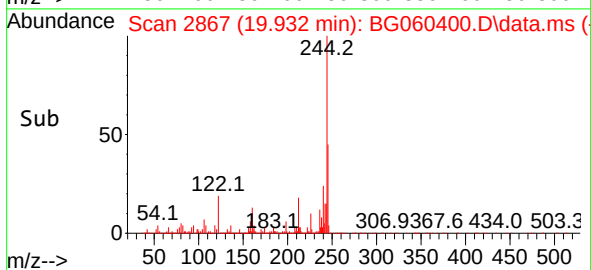
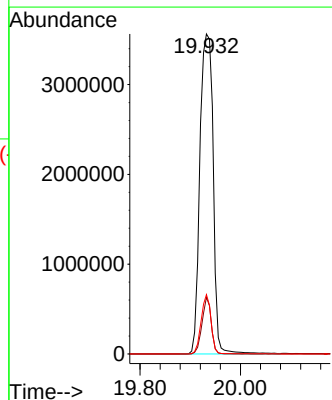
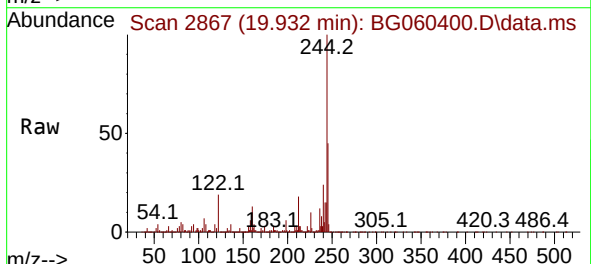
Instrument :
BNA_G
ClientSampleId :
PB158553BL

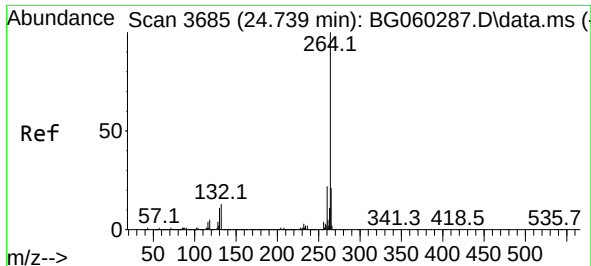
Tgt Ion:184 Resp: 141714
Ion Ratio Lower Upper
184 100
185 19.1 12.2 18.4#
183 5.7 9.0 13.4#



#79
Terphenyl-d14
Concen: 78.957 ng
RT: 19.932 min Scan# 2867
Delta R.T. -0.001 min
Lab File: BG060400.D
Acq: 23 Jan 2024 12:27

Tgt Ion:244 Resp: 6529737
Ion Ratio Lower Upper
244 100
212 17.7 10.9 16.3#
122 18.5 12.6 18.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.738 min Scan# 30
 Delta R.T. -0.001 min
 Lab File: BG060400.D
 Acq: 23 Jan 2024 12:27

Instrument :
 BNA_G
 ClientSampleId :
 PB158553BL

Tgt Ion:264 Resp: 2190841
 Ion Ratio Lower Upper
 264 100
 260 23.9 17.8 26.6
 265 21.5 16.8 25.2

