

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
 Data File : BG060353.D
 Acq On : 18 Jan 2024 15:24
 Operator : MA/JU
 Sample : PB158446TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158446TB

Quant Time: Jan 18 15:56:43 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)

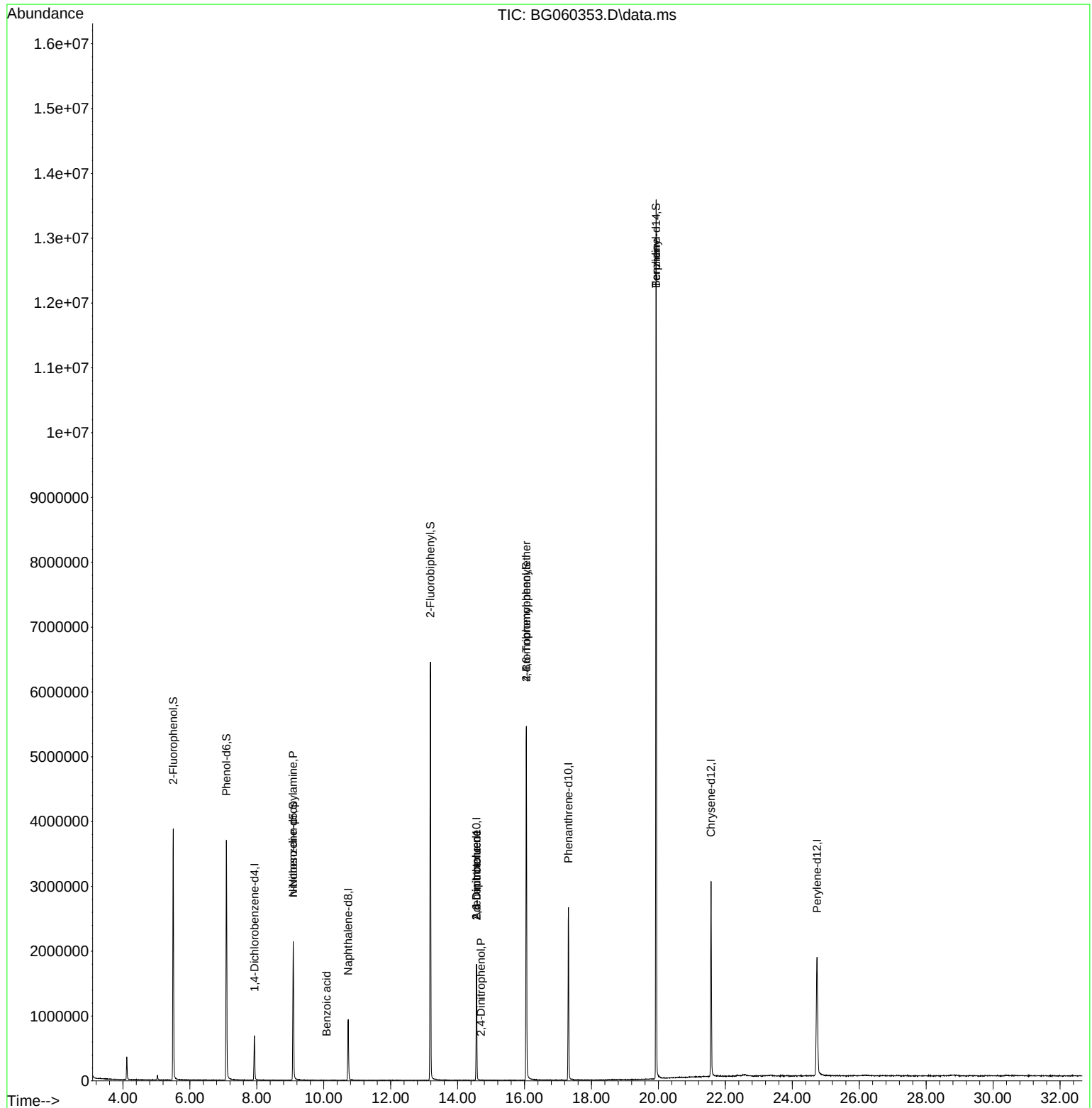
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	219020	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	866921	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	635259	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	1847959	20.000	ng	0.00
76) Chrysene-d12	21.573	240	1890029	20.000	ng	0.00
86) Perylene-d12	24.739	264	2133877	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	1835460	137.839	ng	0.00
7) Phenol-d6	7.090	99	2592878	131.499	ng	0.00
23) Nitrobenzene-d5	9.087	82	1499841	81.694	ng	0.00
42) 2,4,6-Tribromophenol	16.056	330	1270915	135.978	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	3703781	81.060	ng	0.00
79) Terphenyl-d14	19.933	244	6073276	78.884	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.087	70	181315	13.286	ng	# 86
32) Benzoic acid	10.086	122	60	10.207	ng	# 1
51) 2,6-Dinitrotoluene	14.563	165	86564	8.357	ng	# 34
54) 2,4-Dinitrophenol	14.698	184	75	8.597	ng	# 27
57) 2,4-Dinitrotoluene	14.563	165	86564	6.094	ng	# 27
67) 4-Bromophenyl-phenylether	16.056	248	79062	3.894	ng	# 1
77) Benzidine	19.933	184	110315	2.687	ng	# 91

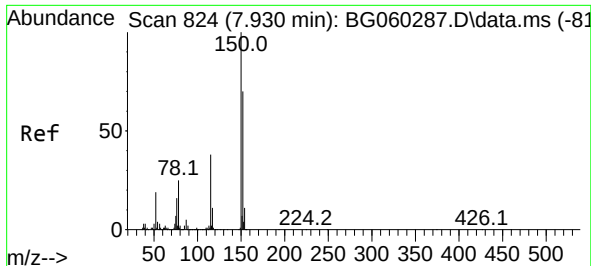
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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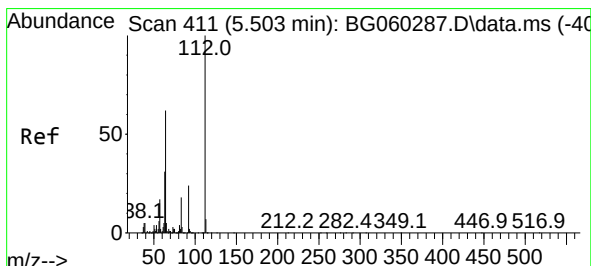
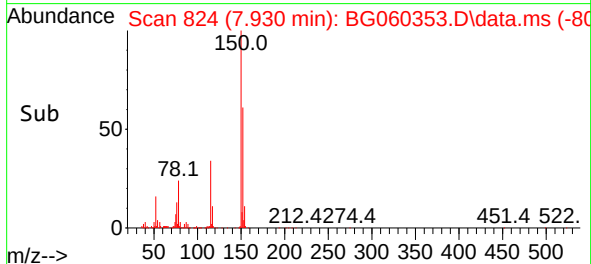
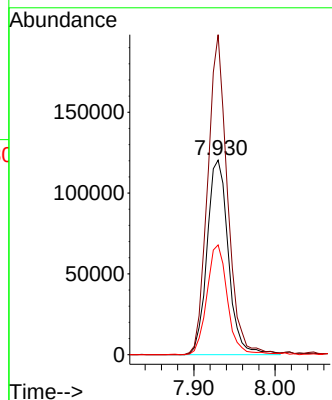
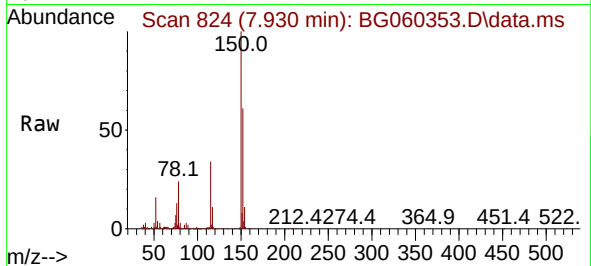




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.930 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG060353.D
Acq: 18 Jan 2024 15:24

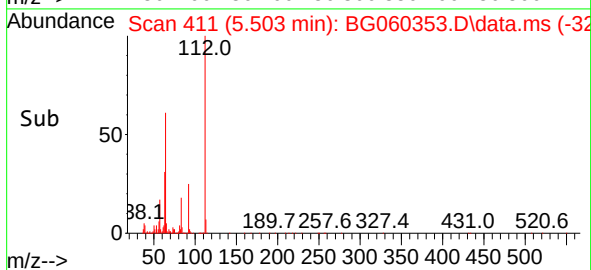
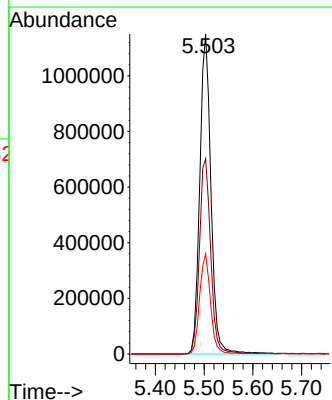
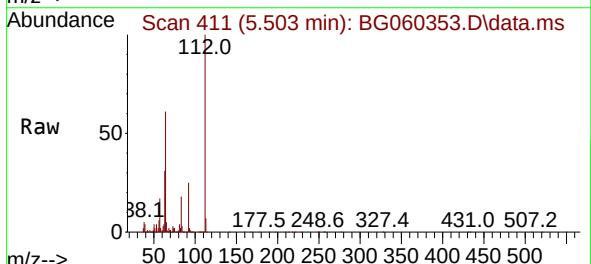
Instrument :
BNA_G
ClientSampleId :
PB158446TB

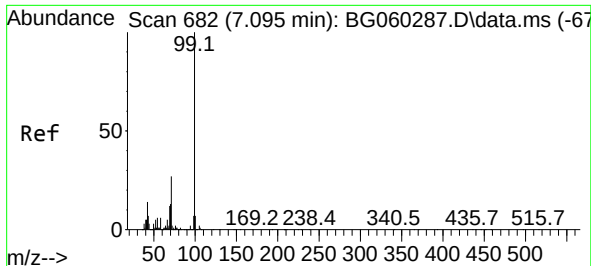
Tgt Ion:152 Resp: 219020
Ion Ratio Lower Upper
152 100
150 164.4 114.5 171.7
115 56.4 43.0 64.6



#5
2-Fluorophenol
Concen: 137.839 ng
RT: 5.503 min Scan# 411
Delta R.T. 0.000 min
Lab File: BG060353.D
Acq: 18 Jan 2024 15:24

Tgt Ion:112 Resp: 1835460
Ion Ratio Lower Upper
112 100
64 61.0 49.8 74.6
63 31.3 24.4 36.6

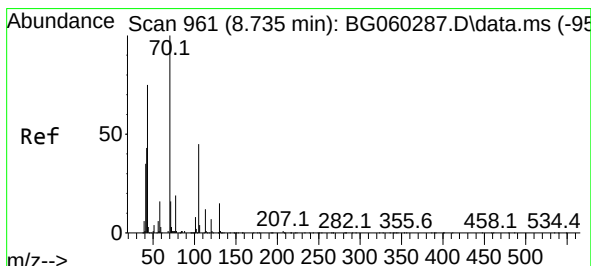
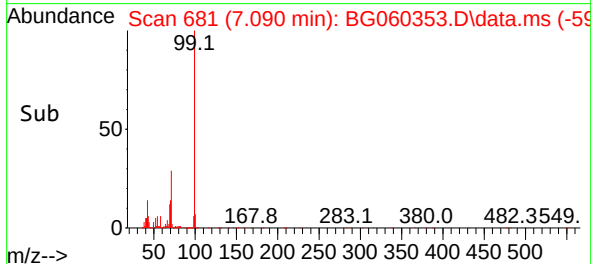
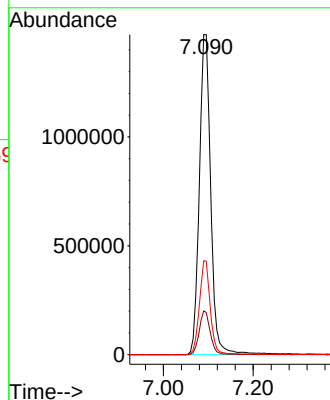
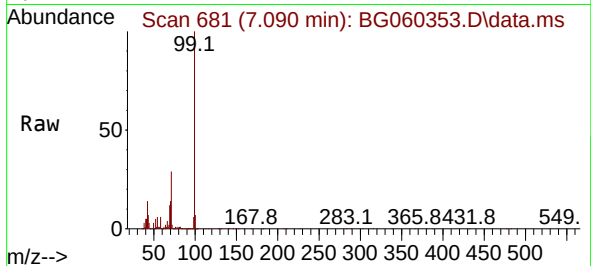




#7
Phenol-d6
Concen: 131.499 ng
RT: 7.090 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG060353.D
Acq: 18 Jan 2024 15:24

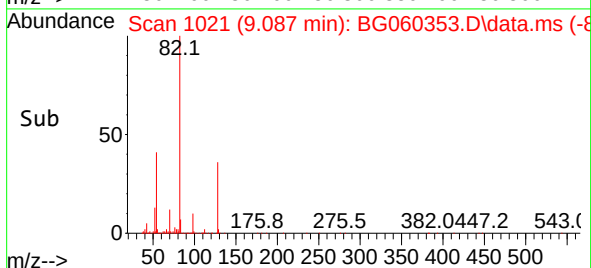
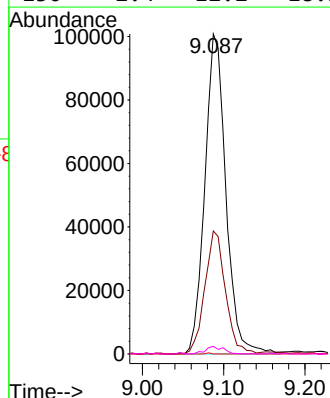
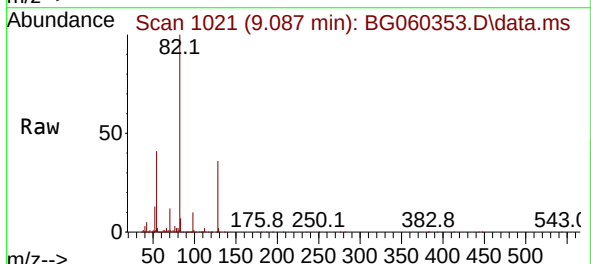
Instrument :
BNA_G
ClientSampleId :
PB158446TB

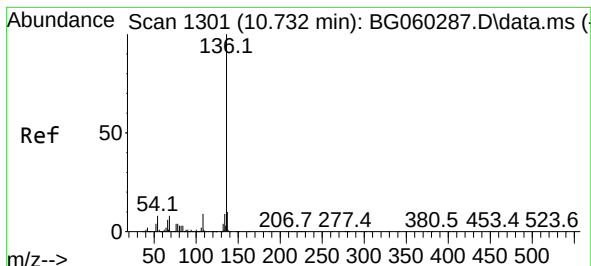
Tgt Ion: 99 Resp: 2592878
Ion Ratio Lower Upper
99 100
42 13.7 10.9 16.3
71 29.3 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.286 ng
RT: 9.087 min Scan# 1021
Delta R.T. 0.353 min
Lab File: BG060353.D
Acq: 18 Jan 2024 15:24

Tgt Ion: 70 Resp: 181315
Ion Ratio Lower Upper
70 100
42 38.4 34.3 51.5
101 0.0 6.2 9.2#
130 2.4 12.2 18.2#

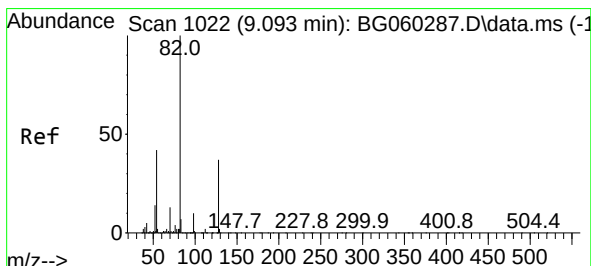
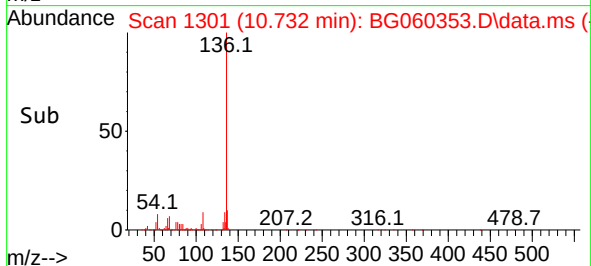
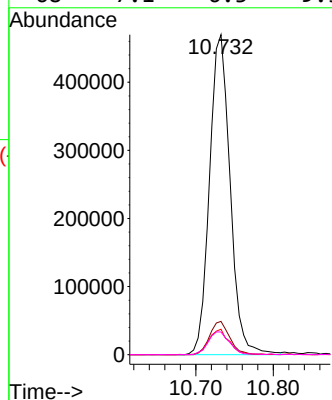
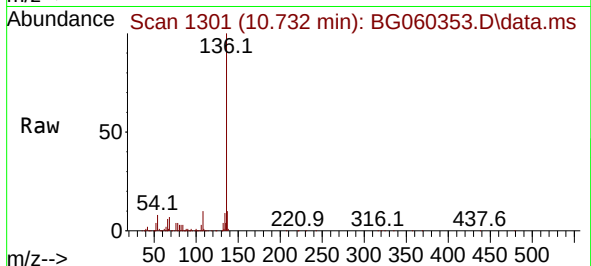




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG060353.D
Acq: 18 Jan 2024 15:24

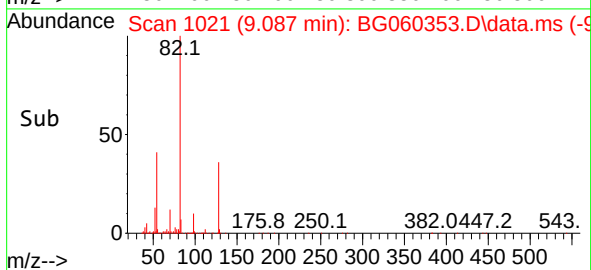
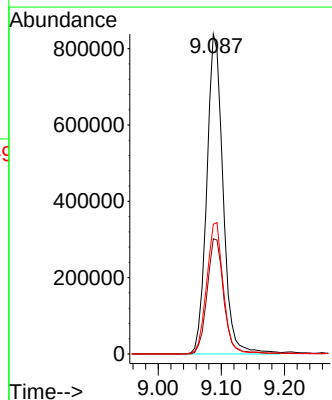
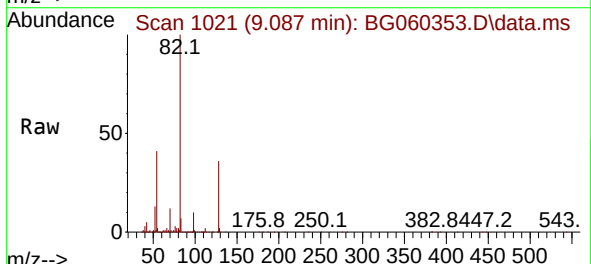
Instrument :
BNA_G
ClientSampleId :
PB158446TB

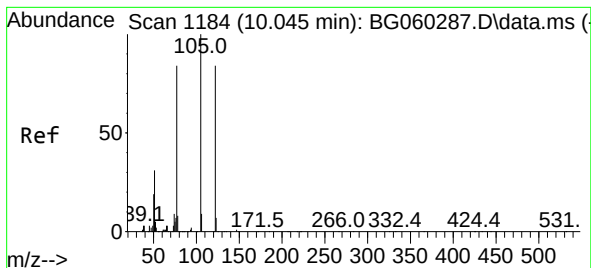
Tgt Ion:	136	Resp:	866921
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.4
54	7.9	6.2	9.2
68	7.1	6.3	9.5



#23
Nitrobenzene-d5
Concen: 81.694 ng
RT: 9.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BG060353.D
Acq: 18 Jan 2024 15:24

Tgt Ion:	82	Resp:	1499841
Ion	Ratio	Lower	Upper
82	100		
128	36.0	29.6	44.4
54	40.5	33.6	50.4

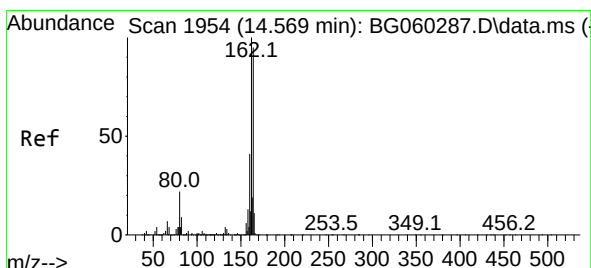
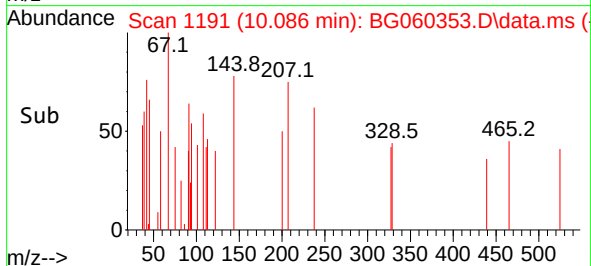
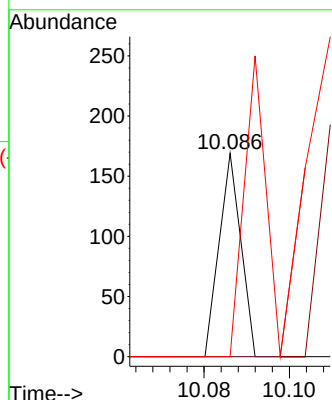
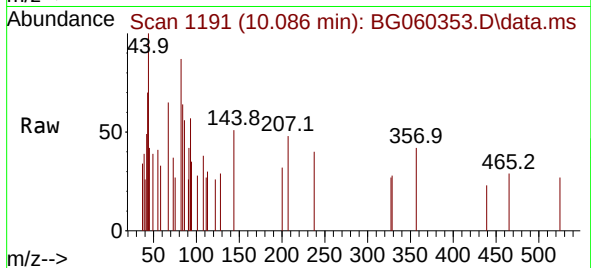




#32
Benzoic acid
Concen: 10.207 ng
RT: 10.086 min Scan# 1184
Delta R.T. 0.041 min
Lab File: BG060353.D
Acq: 18 Jan 2024 15:24

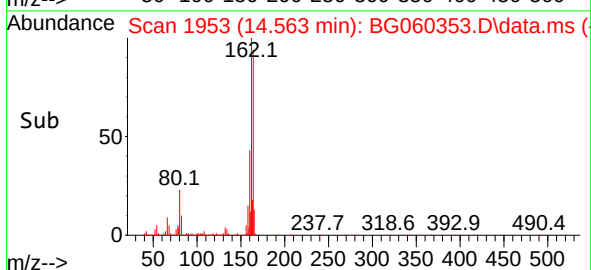
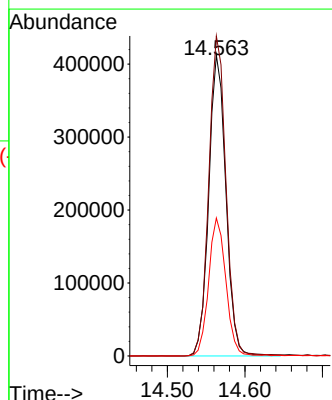
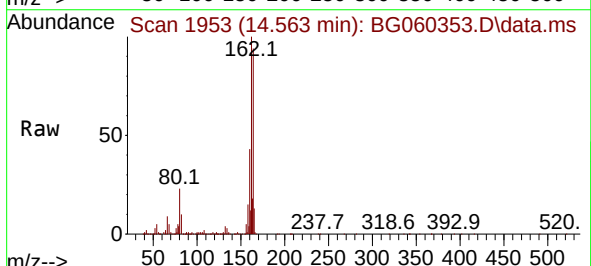
Instrument :
BNA_G
ClientSampleId :
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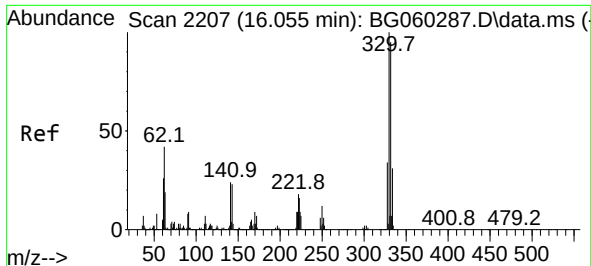
Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 0.0 96.0 136.0#
77 0.0 80.1 120.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BG060353.D
Acq: 18 Jan 2024 15:24

Tgt Ion:164 Resp: 635259
Ion Ratio Lower Upper
164 100
162 106.4 84.4 126.6
160 45.8 34.6 52.0

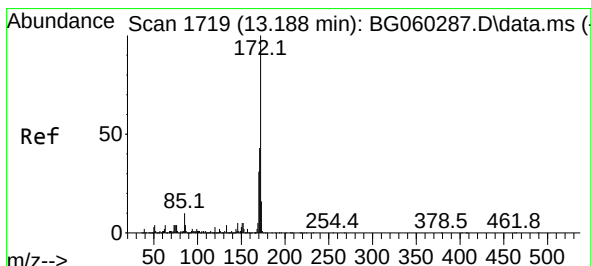
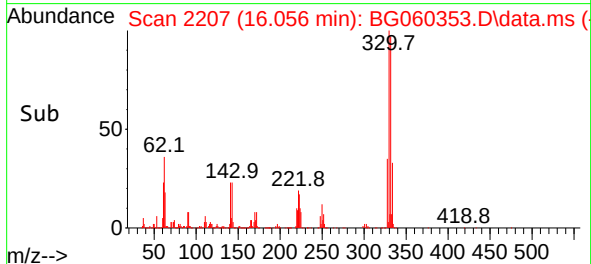
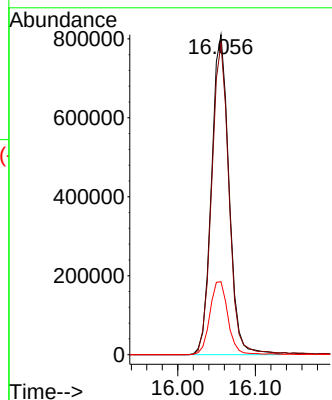
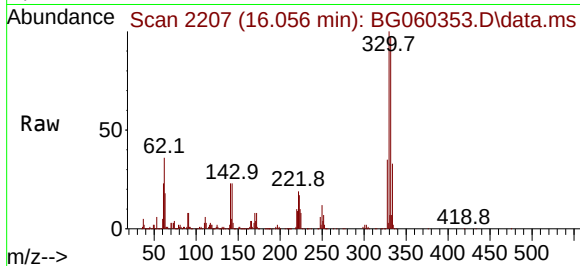




#42
2,4,6-Tribromophenol
Concen: 135.978 ng
RT: 16.056 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG060353.D
Acq: 18 Jan 2024 15:24

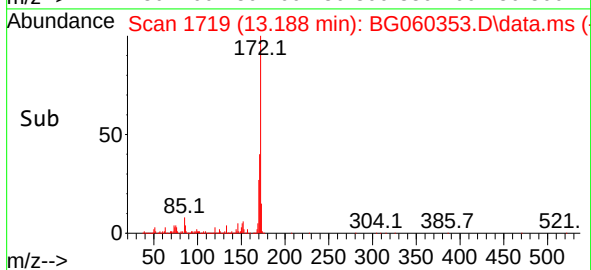
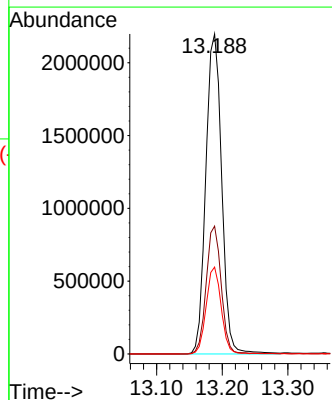
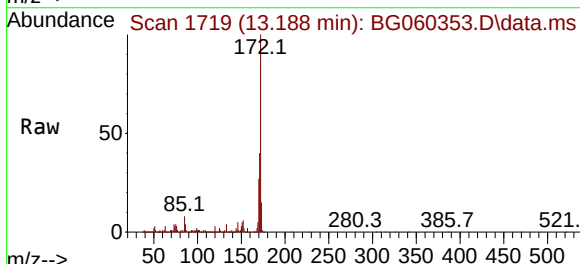
Instrument :
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ClientSampleId :
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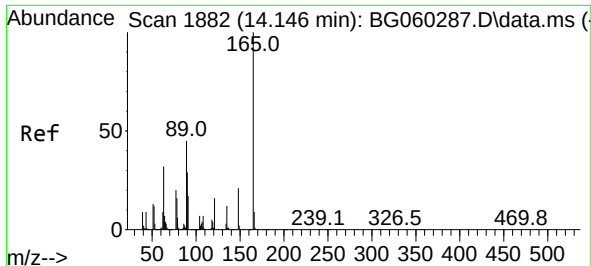
Tgt Ion:330 Resp: 1270915
Ion Ratio Lower Upper
330 100
332 96.7 76.7 115.1
141 23.5 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 81.060 ng
RT: 13.188 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BG060353.D
Acq: 18 Jan 2024 15:24

Tgt Ion:172 Resp: 3703781
Ion Ratio Lower Upper
172 100
171 40.0 34.6 51.8
170 27.1 24.4 36.6

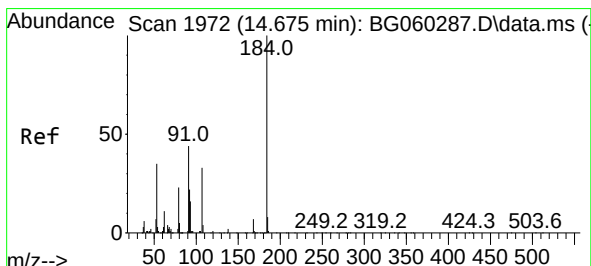
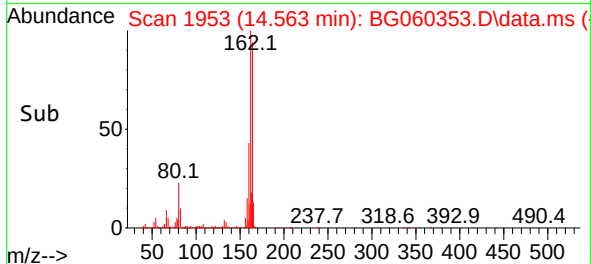
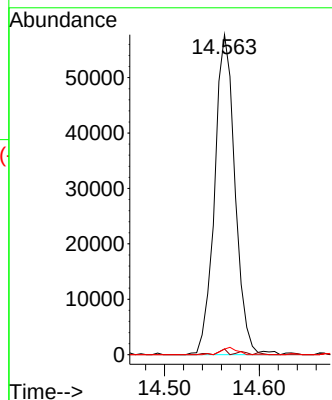
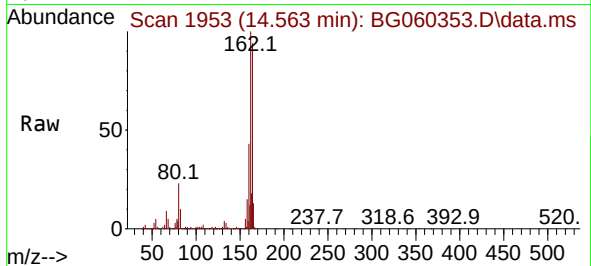




#51
2,6-Dinitrotoluene
Concen: 8.357 ng
RT: 14.563 min Scan# 1953
Delta R.T. 0.417 min
Lab File: BG060353.D
Acq: 18 Jan 2024 15:24

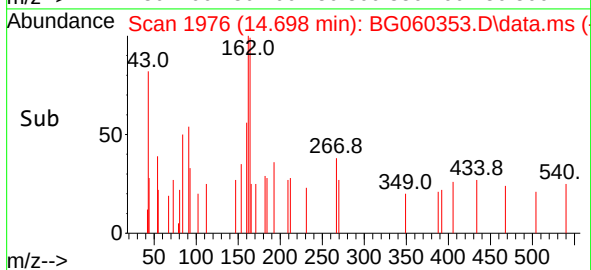
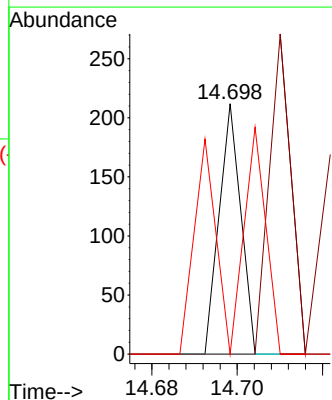
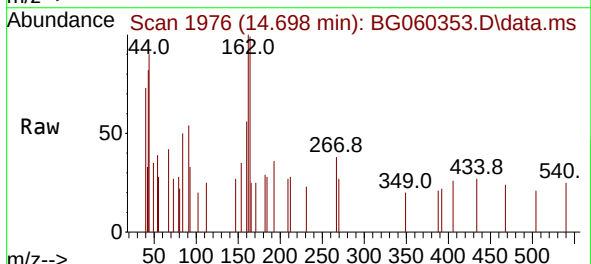
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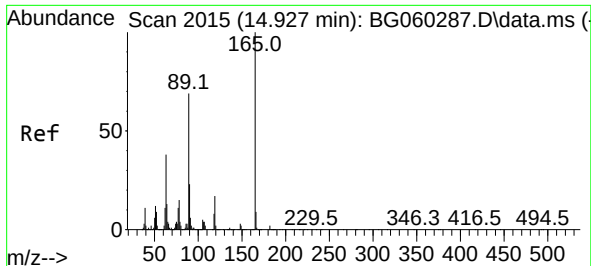
Tgt Ion:165 Resp: 86564
Ion Ratio Lower Upper
165 100
63 1.8 35.0 52.4#
89 1.7 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.597 ng
RT: 14.698 min Scan# 1976
Delta R.T. 0.023 min
Lab File: BG060353.D
Acq: 18 Jan 2024 15:24

Tgt Ion:184 Resp: 75
Ion Ratio Lower Upper
184 100
63 0.0 41.0 61.4#
154 0.0 39.2 58.8#

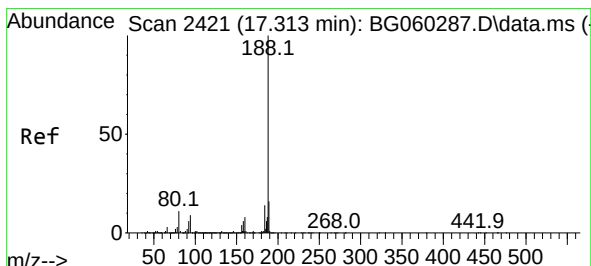
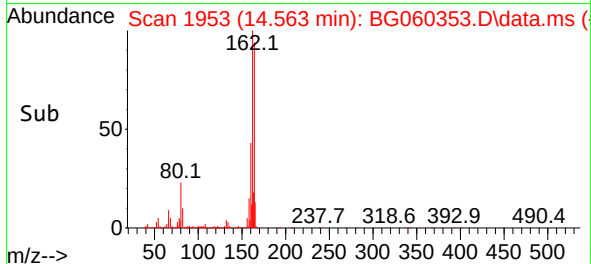
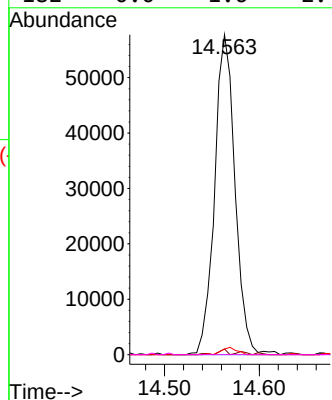
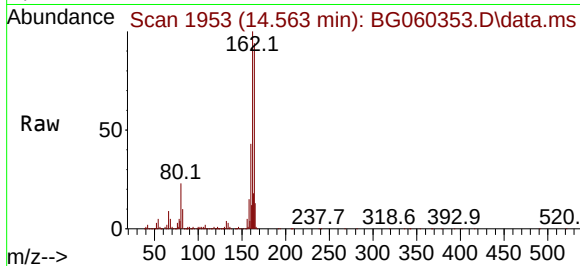




#57
2,4-Dinitrotoluene
Concen: 6.094 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.364 min
Lab File: BG060353.D
Acq: 18 Jan 2024 15:24

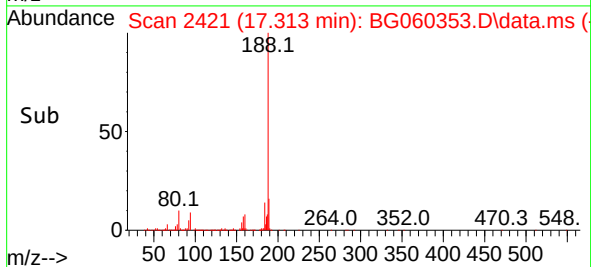
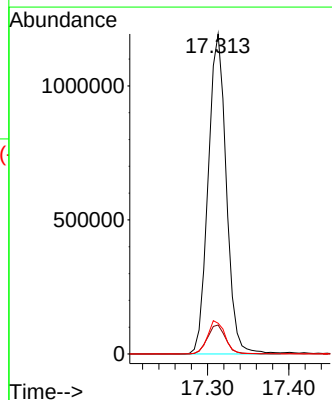
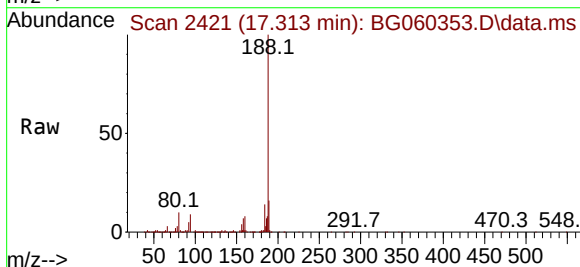
Instrument :
BNA_G
ClientSampleId :
PB158446TB

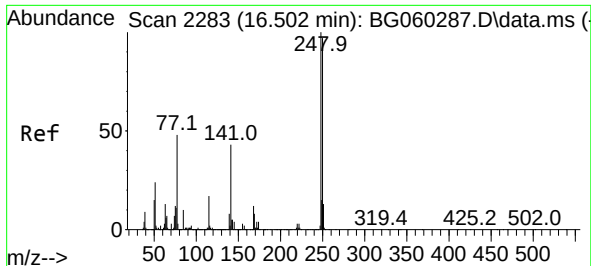
Tgt Ion:165 Resp: 86564
Ion Ratio Lower Upper
165 100
63 1.8 30.4 45.6#
89 1.7 55.4 83.0#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.313 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BG060353.D
Acq: 18 Jan 2024 15:24

Tgt Ion:188 Resp: 1847959
Ion Ratio Lower Upper
188 100
94 9.1 7.1 10.7
80 9.6 8.5 12.7

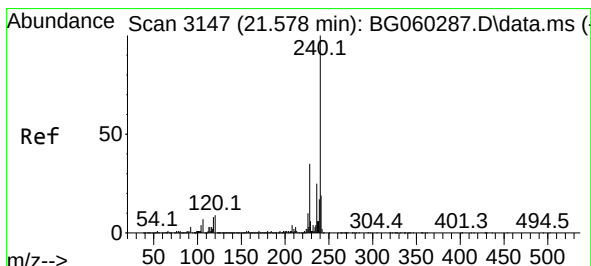
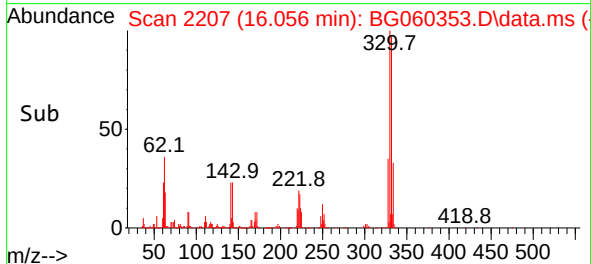
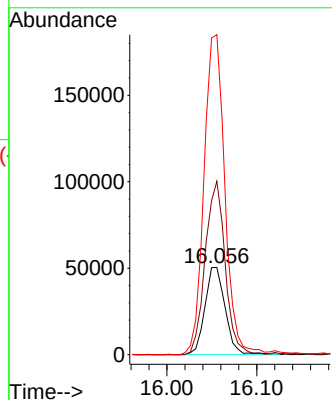
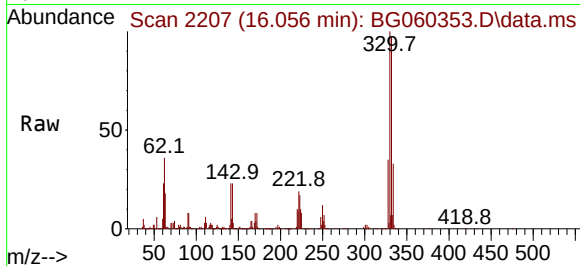




#67
4-Bromophenyl-phenylether
Concen: 3.894 ng
RT: 16.056 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG060353.D
Acq: 18 Jan 2024 15:24

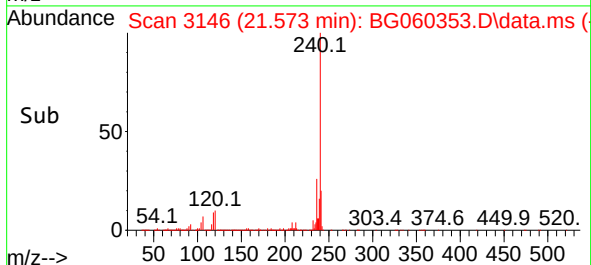
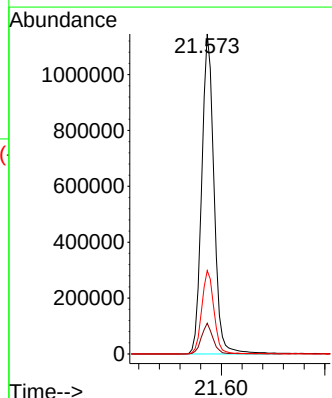
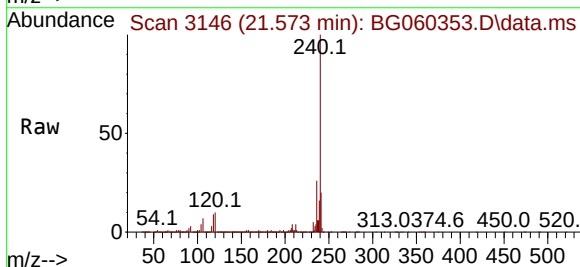
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BNA_G
ClientSampleId :
PB158446TB

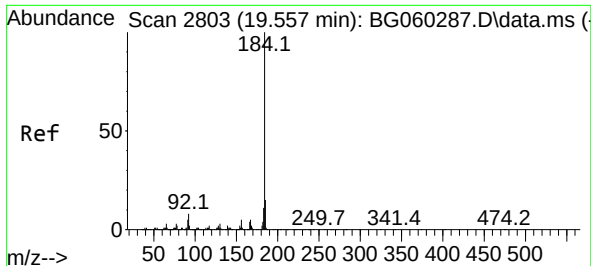
Tgt Ion:248 Resp: 79062
Ion Ratio Lower Upper
248 100
250 198.9 77.6 116.4#
141 366.9 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.573 min Scan# 3146
Delta R.T. -0.006 min
Lab File: BG060353.D
Acq: 18 Jan 2024 15:24

Tgt Ion:240 Resp: 1890029
Ion Ratio Lower Upper
240 100
120 9.6 7.3 10.9
236 26.1 20.3 30.5

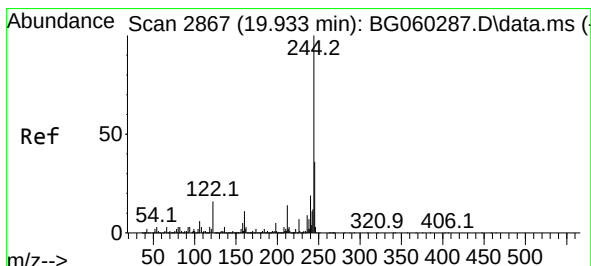
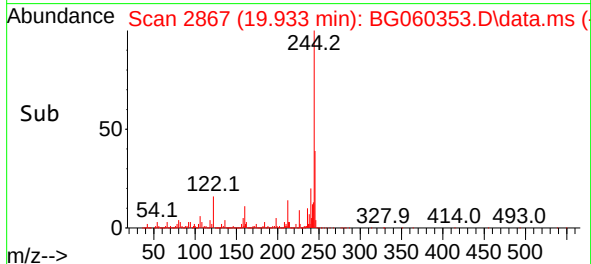
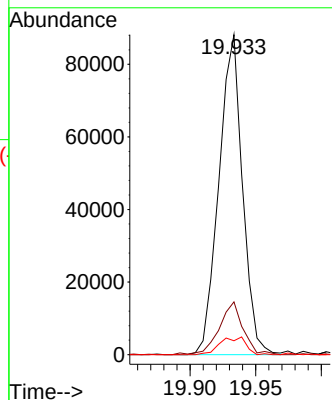
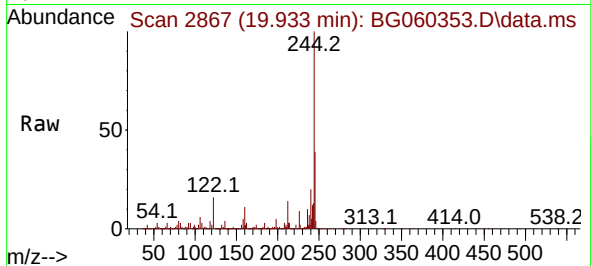




#77
Benzidine
Concen: 2.687 ng
RT: 19.933 min Scan# 2803
Delta R.T. 0.376 min
Lab File: BG060353.D
Acq: 18 Jan 2024 15:24

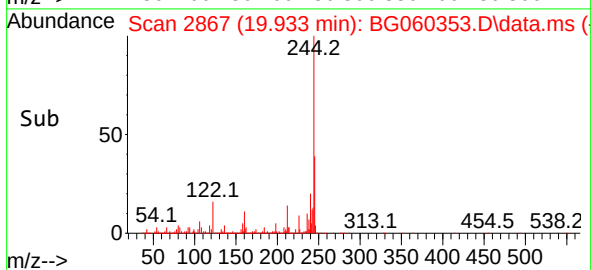
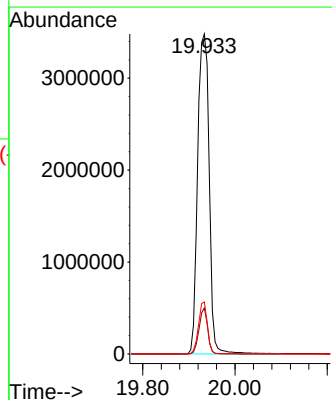
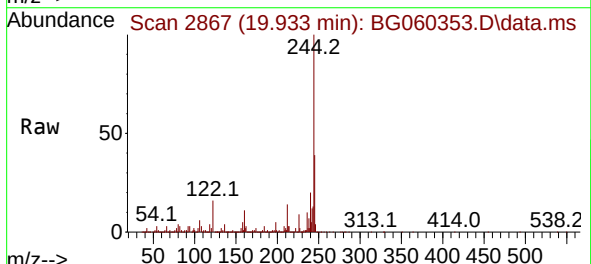
Instrument :
BNA_G
ClientSampleId :
PB158446TB

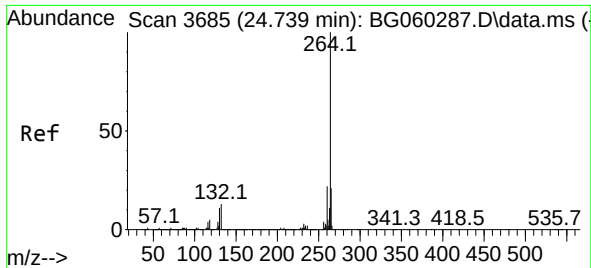
Tgt Ion:184 Resp: 110315
Ion Ratio Lower Upper
184 100
185 16.5 12.2 18.4
183 4.3 9.0 13.4#



#79
Terphenyl-d14
Concen: 78.884 ng
RT: 19.933 min Scan# 2867
Delta R.T. 0.000 min
Lab File: BG060353.D
Acq: 18 Jan 2024 15:24

Tgt Ion:244 Resp: 6073276
Ion Ratio Lower Upper
244 100
212 14.4 10.9 16.3
122 16.3 12.6 18.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.739 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: BG060353.D
 Acq: 18 Jan 2024 15:24

Instrument :
 BNA_G
 ClientSampleId :
 PB158446TB

Tgt Ion:264 Resp: 2133877
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.8 26.6
 265 21.9 16.8 25.2

