

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012224\
 Data File : BG060383.D
 Acq On : 22 Jan 2024 13:44
 Operator : MA/JU
 Sample : P1183-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 22 14:23:43 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)

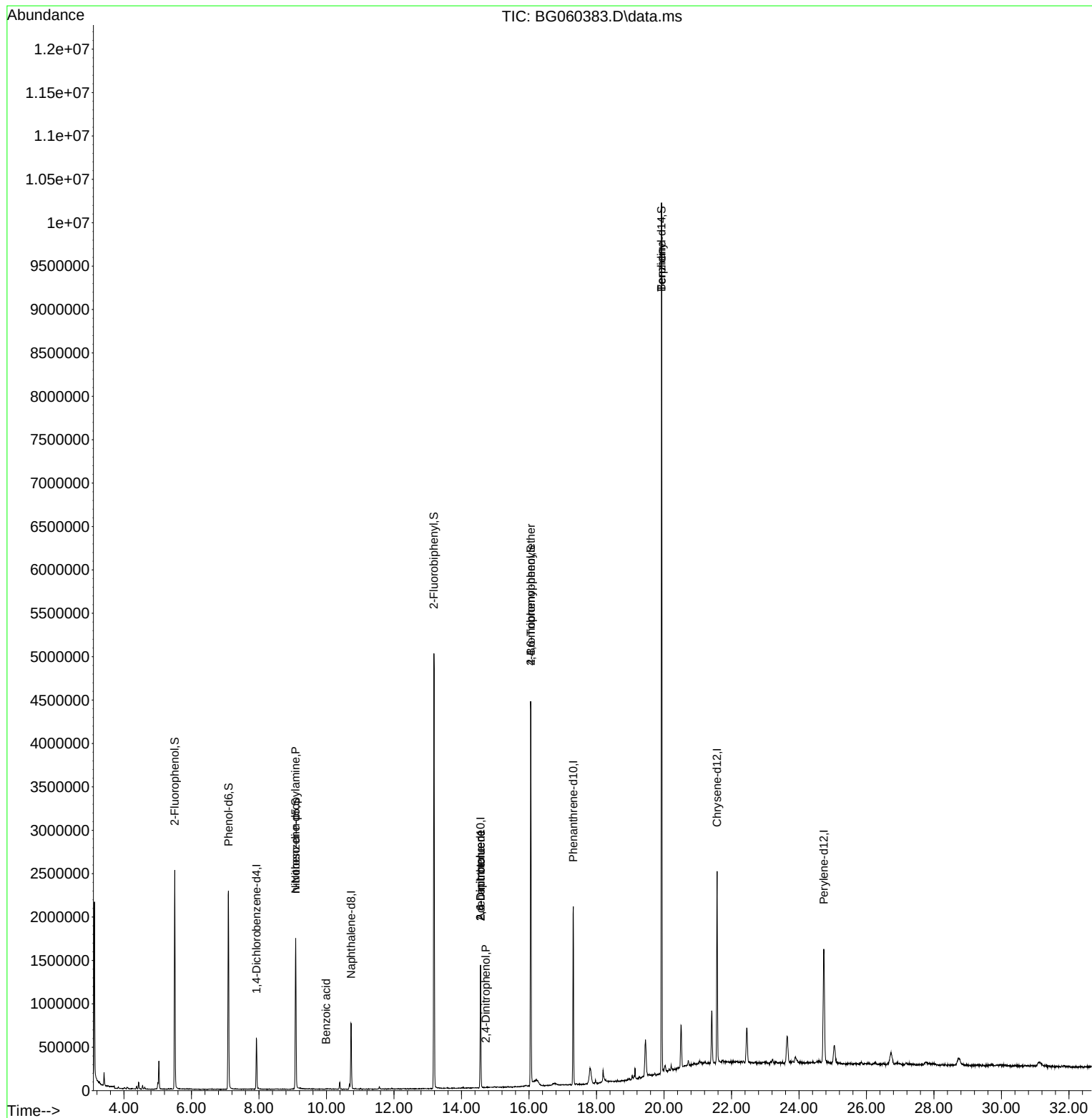
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	187671	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	689670	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	511172	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	1399036	20.000	ng	0.00
76) Chrysene-d12	21.573	240	1315203	20.000	ng	0.00
86) Perylene-d12	24.734	264	1513549	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	1192465	104.510	ng	0.00
7) Phenol-d6	7.096	99	1575953	93.276	ng	0.00
23) Nitrobenzene-d5	9.087	82	1166974	79.900	ng	0.00
42) 2,4,6-Tribromophenol	16.056	330	1005177	133.653	ng	0.00
45) 2-Fluorobiphenyl	13.183	172	2822138	76.758	ng	0.00
79) Terphenyl-d14	19.928	244	4780384	96.409	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.087	70	136188	11.646	ng	# 86
32) Benzoic acid	9.986	122	259	10.232	ng	86
51) 2,6-Dinitrotoluene	14.563	165	69214	8.304	ng	# 34
54) 2,4-Dinitrophenol	14.716	184	149	8.613	ng	93
57) 2,4-Dinitrotoluene	14.563	165	69214	6.055	ng	# 26
67) 4-Bromophenyl-phenylether	16.056	248	62165	4.044	ng	# 1
77) Benzidine	19.928	184	78281	2.740	ng	# 93

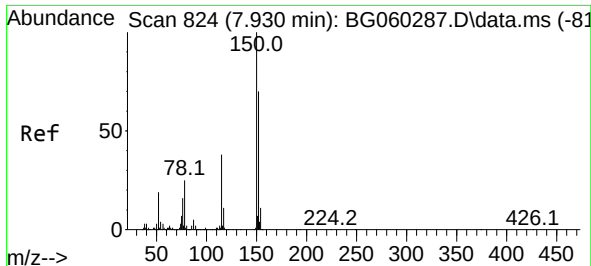
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 09 04:07:12 2024
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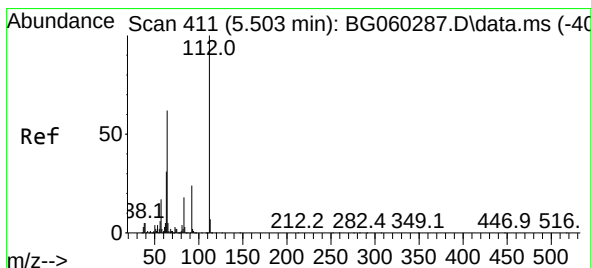
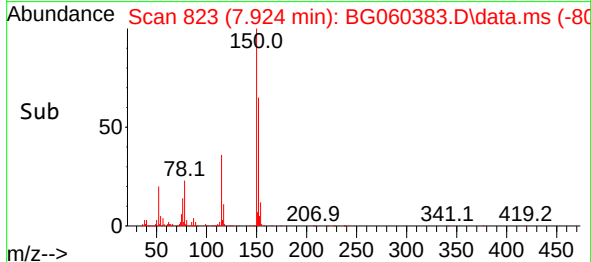
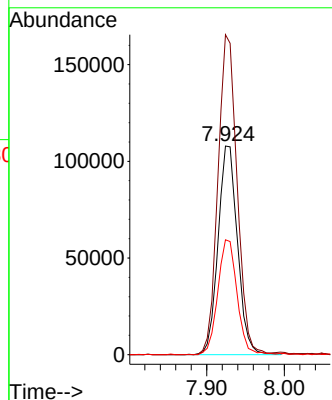
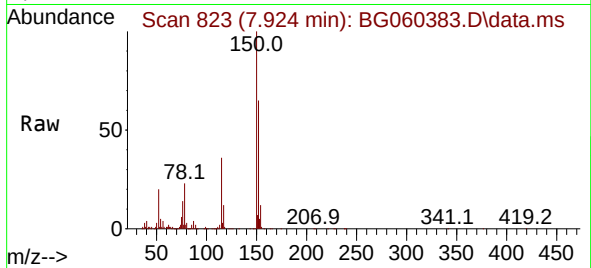




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.924 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060383.D
Acq: 22 Jan 2024 13:44

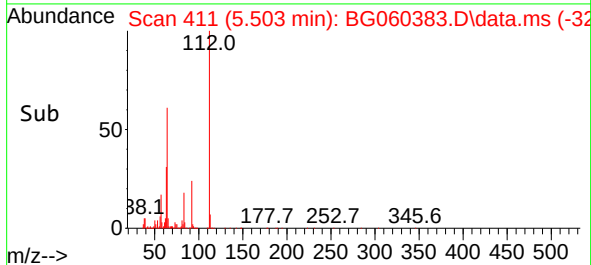
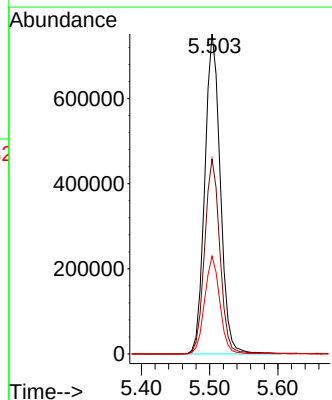
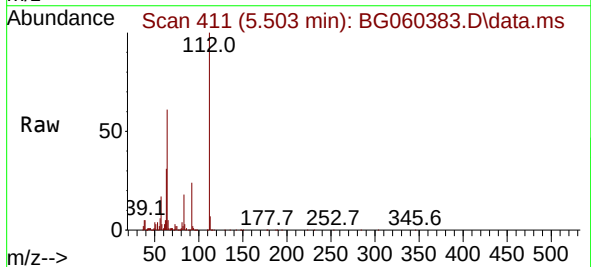
Instrument :
BNA_G
ClientSampleId :

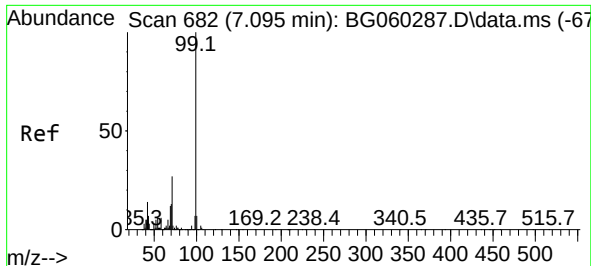
Tgt Ion:152 Resp: 187671
Ion Ratio Lower Upper
152 100
150 153.4 114.5 171.7
115 55.0 43.0 64.6



#5
2-Fluorophenol
Concen: 104.510 ng
RT: 5.503 min Scan# 411
Delta R.T. 0.000 min
Lab File: BG060383.D
Acq: 22 Jan 2024 13:44

Tgt Ion:112 Resp: 1192465
Ion Ratio Lower Upper
112 100
64 60.9 49.8 74.6
63 30.6 24.4 36.6

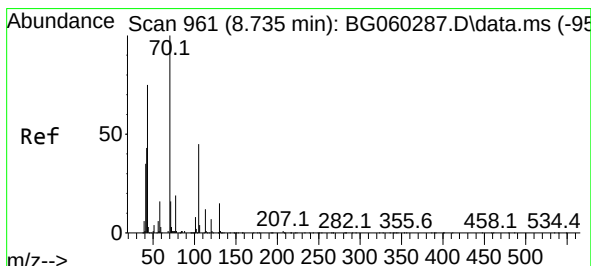
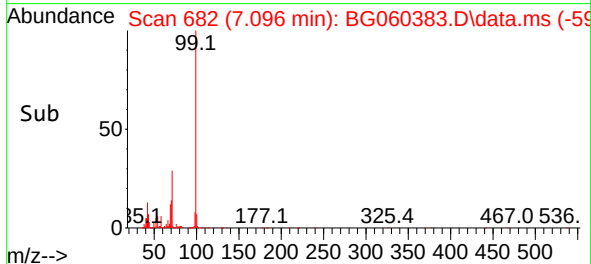
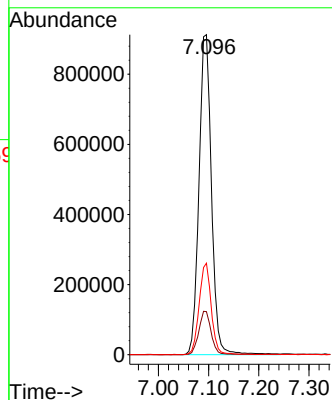
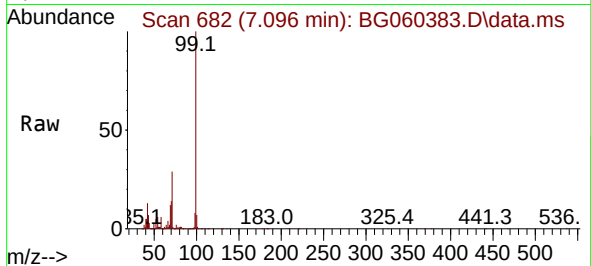




#7
Phenol-d6
Concen: 93.276 ng
RT: 7.096 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG060383.D
Acq: 22 Jan 2024 13:44

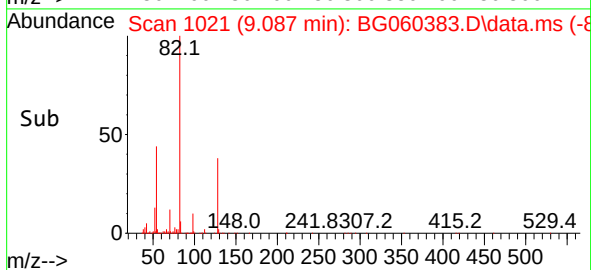
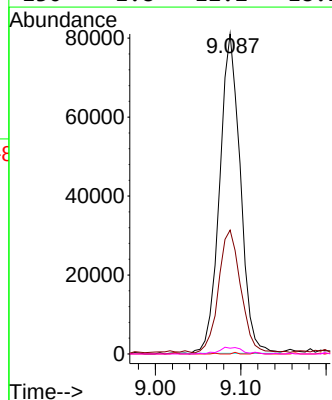
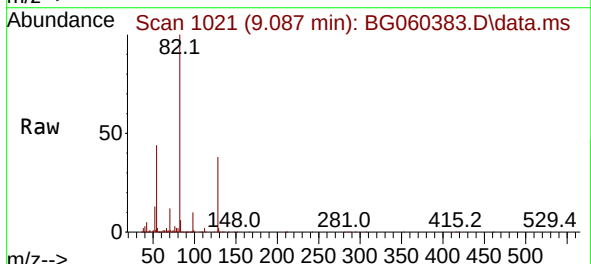
Instrument :
BNA_G
ClientSampleId :

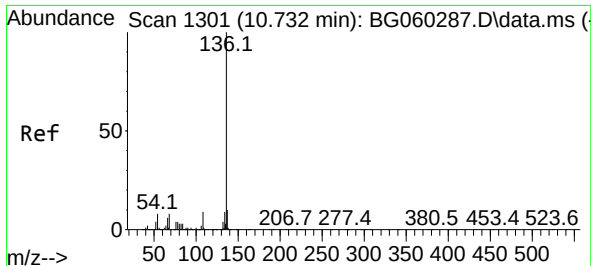
Tgt Ion: 99 Resp: 1575953
Ion Ratio Lower Upper
99 100
42 13.5 10.9 16.3
71 28.6 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.646 ng
RT: 9.087 min Scan# 1021
Delta R.T. 0.353 min
Lab File: BG060383.D
Acq: 22 Jan 2024 13:44

Tgt Ion: 70 Resp: 136188
Ion Ratio Lower Upper
70 100
42 38.7 34.3 51.5
101 0.0 6.2 9.2#
130 1.8 12.2 18.2#

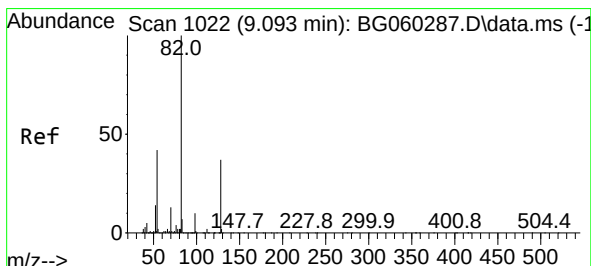
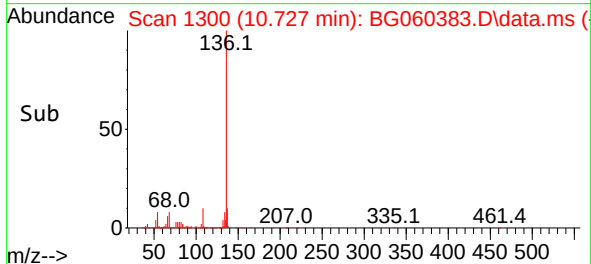
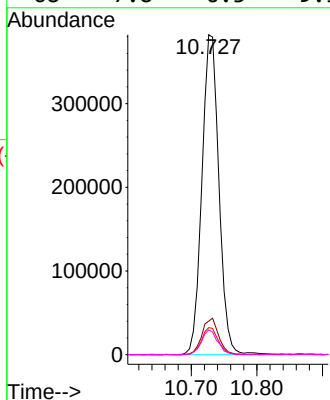
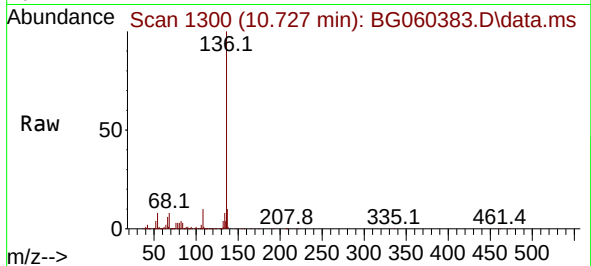




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.727 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060383.D
Acq: 22 Jan 2024 13:44

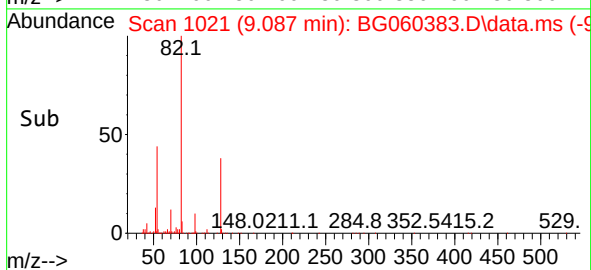
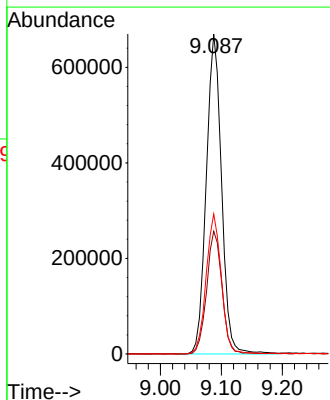
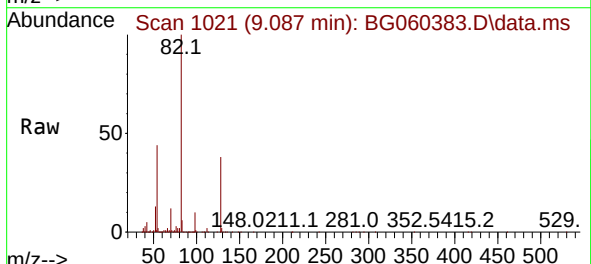
Instrument :
BNA_G
ClientSampleId :

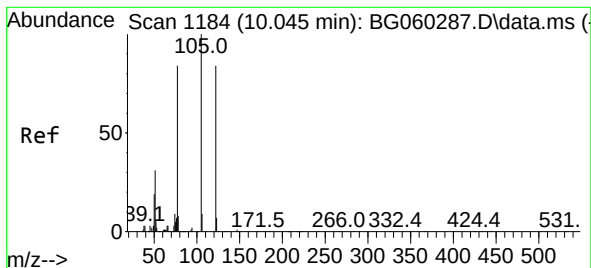
Tgt Ion:	136	Resp:	689670
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.2	12.4
54	8.5	6.2	9.2
68	7.8	6.3	9.5



#23
Nitrobenzene-d5
Concen: 79.900 ng
RT: 9.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BG060383.D
Acq: 22 Jan 2024 13:44

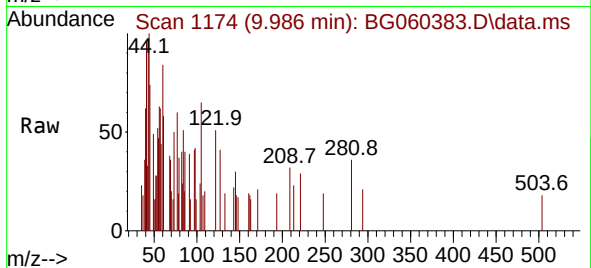
Tgt Ion:	82	Resp:	1166974
Ion Ratio	Lower	Upper	
82	100		
128	38.4	29.6	44.4
54	43.8	33.6	50.4



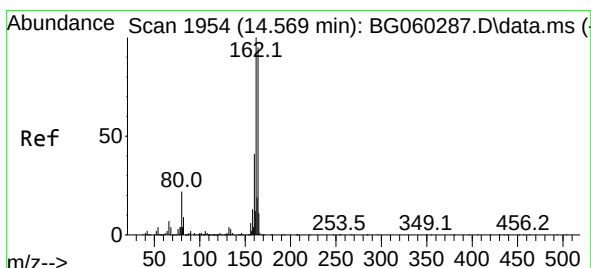
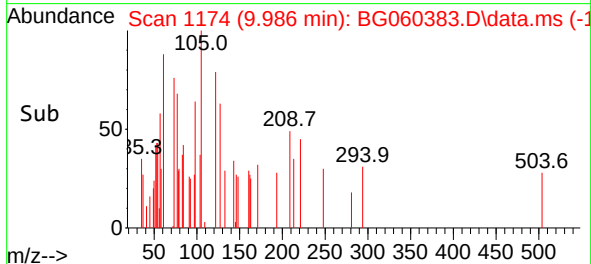
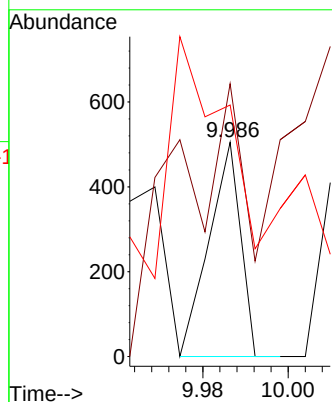


#32
Benzoic acid
Concen: 10.232 ng
RT: 9.986 min Scan# 1184
Delta R.T. -0.059 min
Lab File: BG060383.D
Acq: 22 Jan 2024 13:44

Instrument :
BNA_G
ClientSampleId :

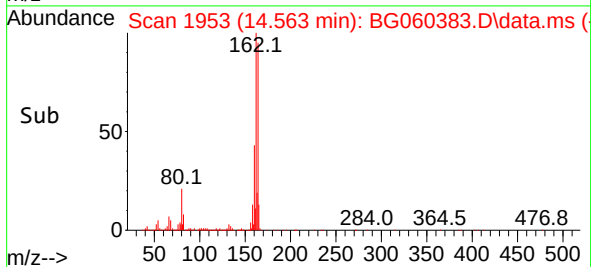
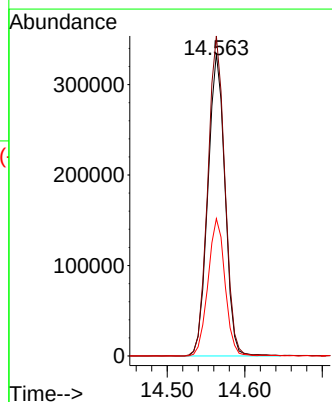
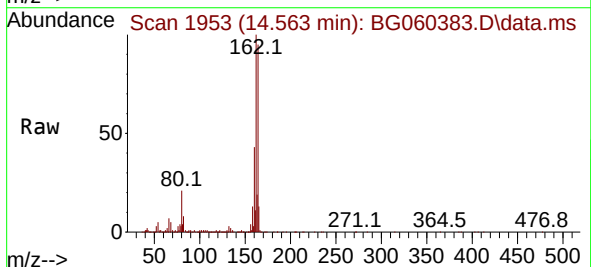


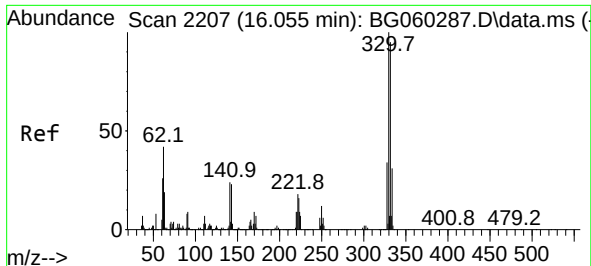
Tgt Ion:122 Resp: 259
Ion Ratio Lower Upper
122 100
105 127.3 96.0 136.0
77 117.4 80.1 120.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BG060383.D
Acq: 22 Jan 2024 13:44

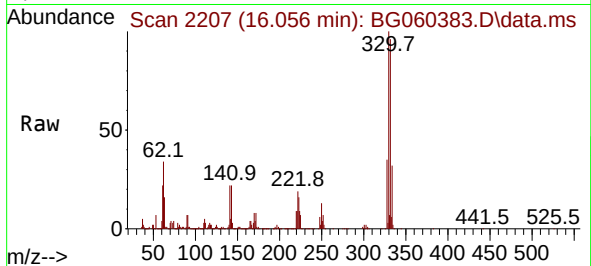
Tgt Ion:164 Resp: 511172
Ion Ratio Lower Upper
164 100
162 105.7 84.4 126.6
160 45.4 34.6 52.0



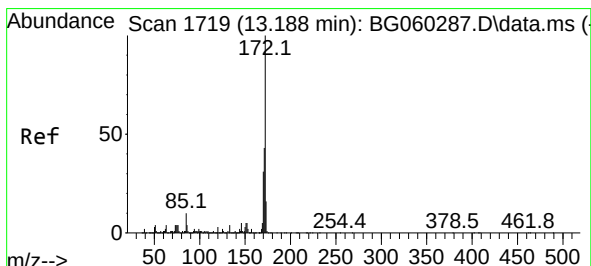
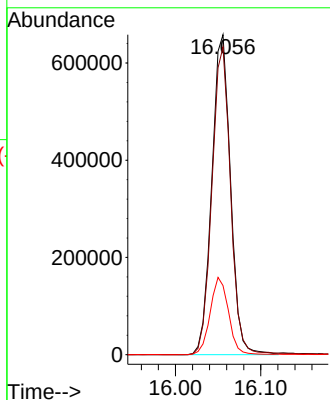
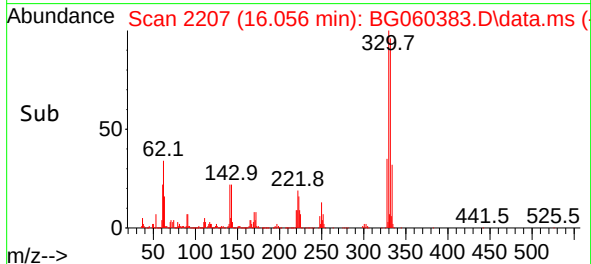


#42
2,4,6-Tribromophenol
Concen: 133.653 ng
RT: 16.056 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG060383.D
Acq: 22 Jan 2024 13:44

Instrument :
BNA_G
ClientSampleId :

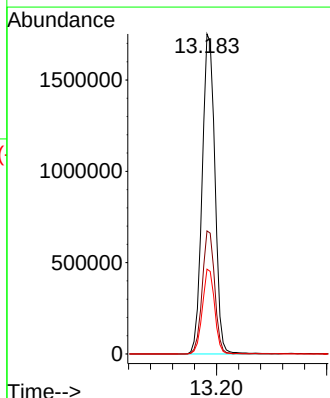
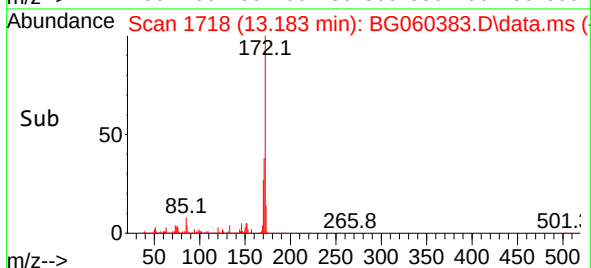
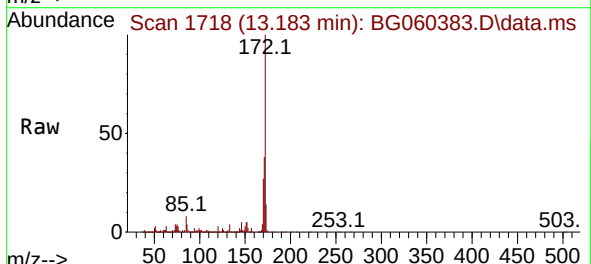


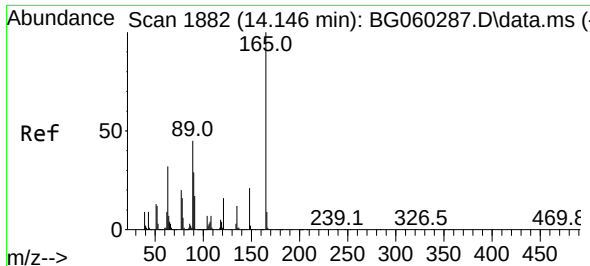
Tgt Ion:330 Resp: 1005177
Ion Ratio Lower Upper
330 100
332 96.2 76.7 115.1
141 23.6 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 76.758 ng
RT: 13.183 min Scan# 1718
Delta R.T. -0.005 min
Lab File: BG060383.D
Acq: 22 Jan 2024 13:44

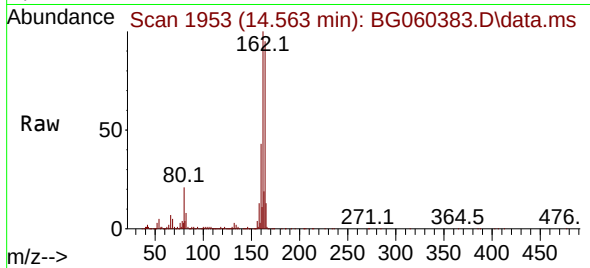
Tgt Ion:172 Resp: 2822138
Ion Ratio Lower Upper
172 100
171 38.4 34.6 51.8
170 26.5 24.4 36.6



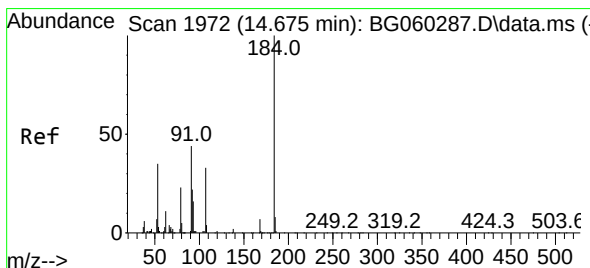
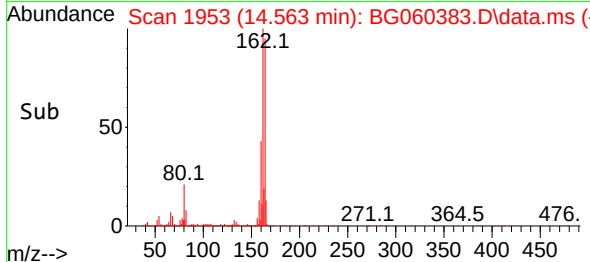
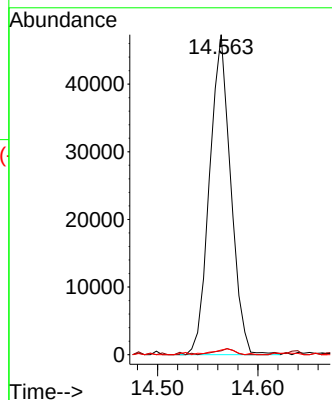


#51
2,6-Dinitrotoluene
Concen: 8.304 ng
RT: 14.563 min Scan# 1953
Delta R.T. 0.417 min
Lab File: BG060383.D
Acq: 22 Jan 2024 13:44

Instrument :
BNA_G
ClientSampleId :

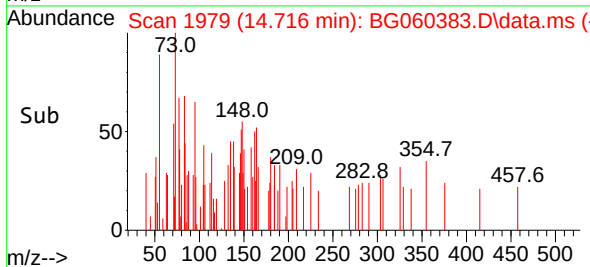
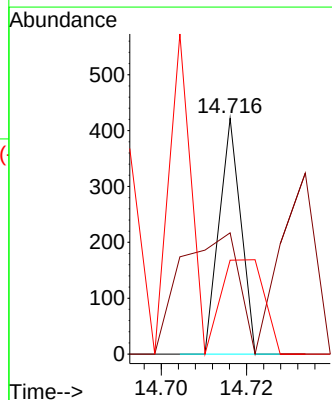
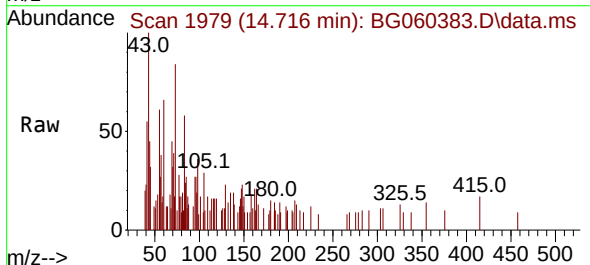


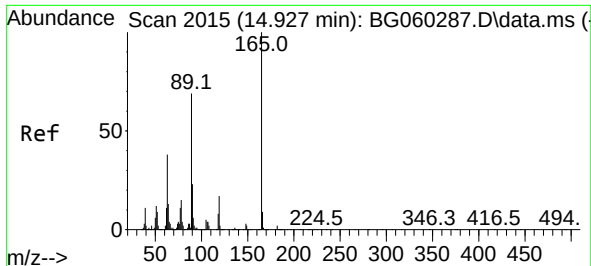
Tgt Ion:165 Resp: 69214
Ion Ratio Lower Upper
165 100
63 1.2 35.0 52.4#
89 1.5 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.613 ng
RT: 14.716 min Scan# 1979
Delta R.T. 0.041 min
Lab File: BG060383.D
Acq: 22 Jan 2024 13:44

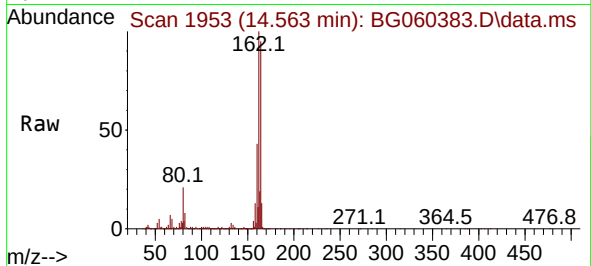
Tgt Ion:184 Resp: 149
Ion Ratio Lower Upper
184 100
63 51.4 41.0 61.4
154 39.8 39.2 58.8



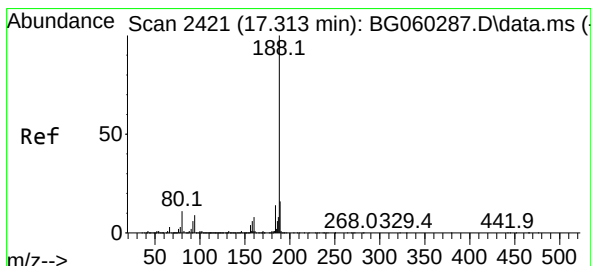
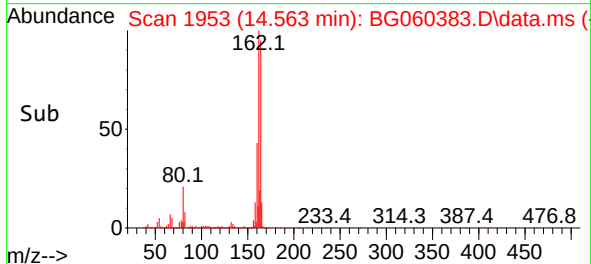
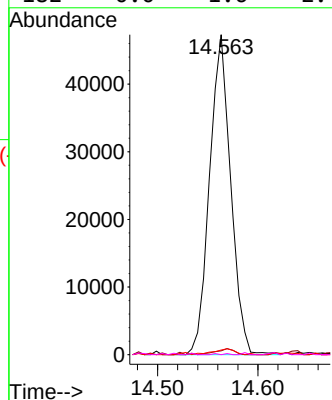


#57
2,4-Dinitrotoluene
Concen: 6.055 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.364 min
Lab File: BG060383.D
Acq: 22 Jan 2024 13:44

Instrument :
BNA_G
ClientSampleId :

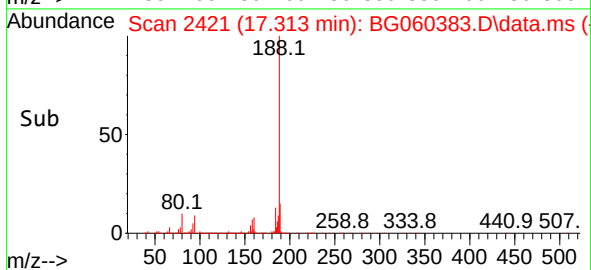
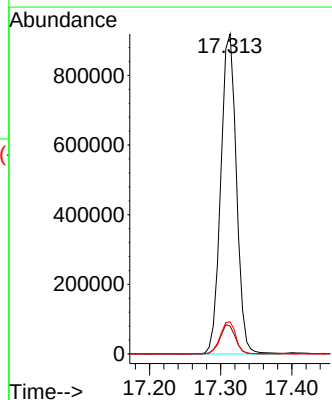
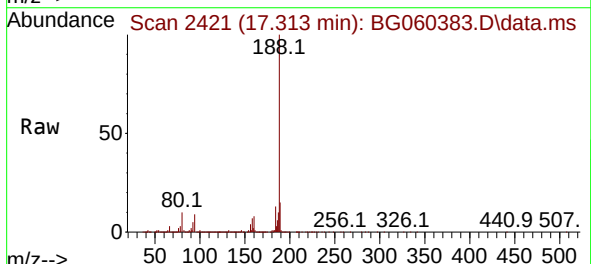


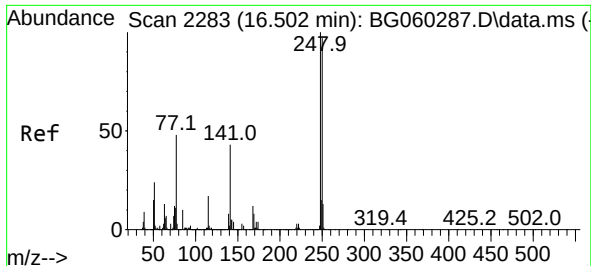
Tgt Ion:165 Resp: 69214
Ion Ratio Lower Upper
165 100
63 1.2 30.4 45.6#
89 1.5 55.4 83.0#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.313 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BG060383.D
Acq: 22 Jan 2024 13:44

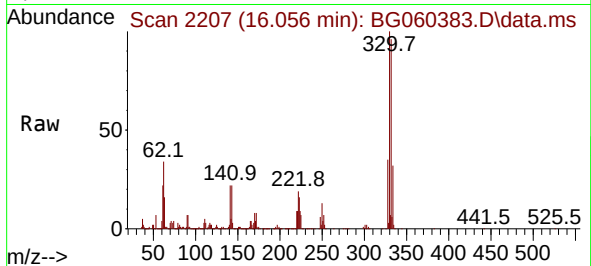
Tgt Ion:188 Resp: 1399036
Ion Ratio Lower Upper
188 100
94 8.7 7.1 10.7
80 10.1 8.5 12.7



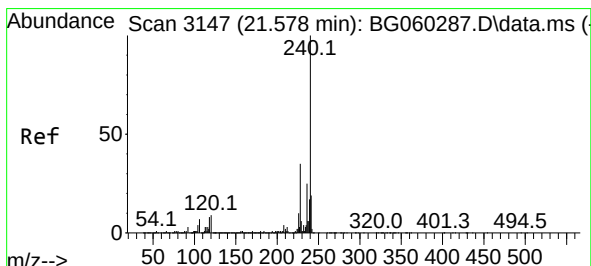
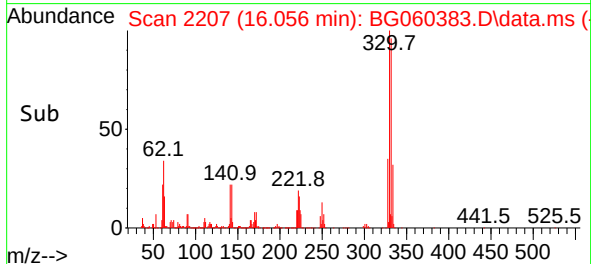
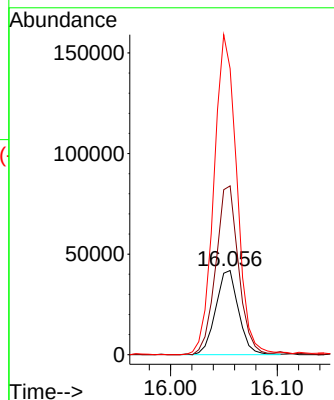


#67
4-Bromophenyl-phenylether
Concen: 4.044 ng
RT: 16.056 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG060383.D
Acq: 22 Jan 2024 13:44

Instrument :
BNA_G
ClientSampleId :

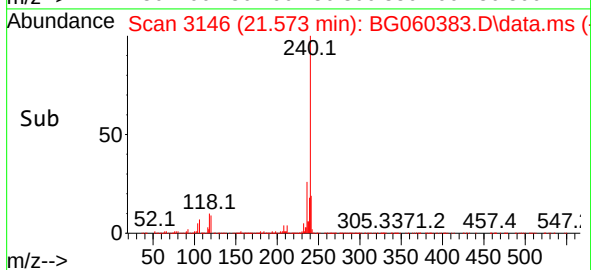
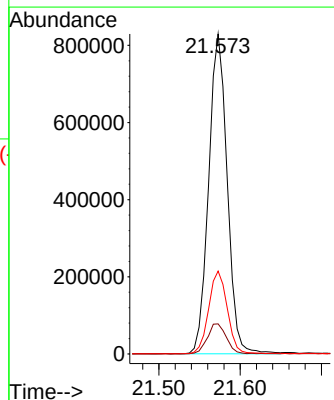
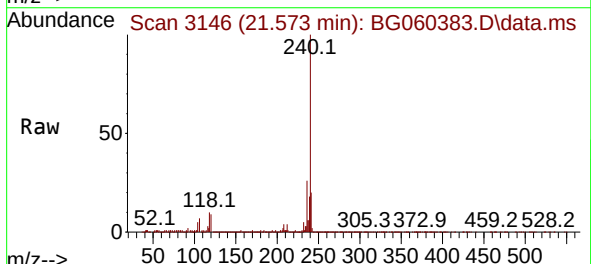


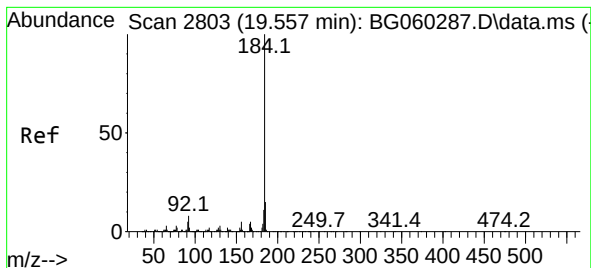
Tgt Ion:248 Resp: 62165
Ion Ratio Lower Upper
248 100
250 200.5 77.6 116.4#
141 339.7 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.573 min Scan# 3146
Delta R.T. -0.006 min
Lab File: BG060383.D
Acq: 22 Jan 2024 13:44

Tgt Ion:240 Resp: 1315203
Ion Ratio Lower Upper
240 100
120 9.4 7.3 10.9
236 25.9 20.3 30.5





#77

Benzidine

Concen: 2.740 ng

RT: 19.928 min Scan# 2866

Delta R.T. 0.371 min

Lab File: BG060383.D

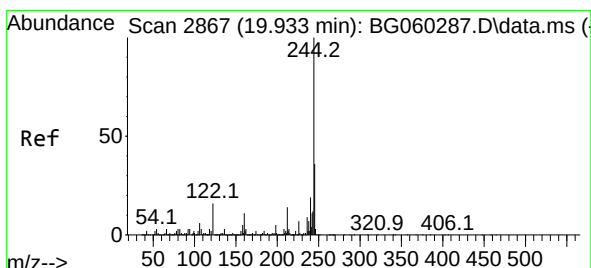
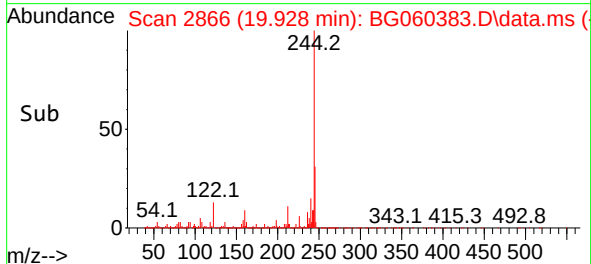
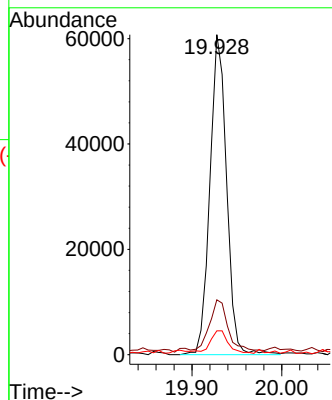
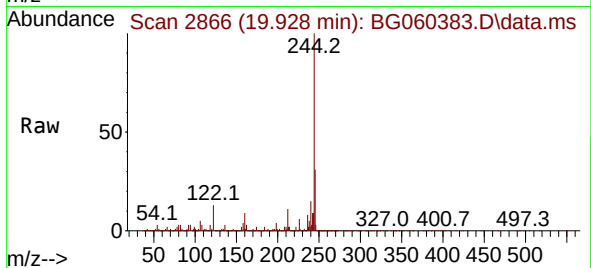
Acq: 22 Jan 2024 13:44

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:184	Resp: 78281
Ion Ratio	Lower Upper
184	100
185	17.2 12.2 18.4
183	7.4 9.0 13.4



#79

Terphenyl-d14

Concen: 96.409 ng

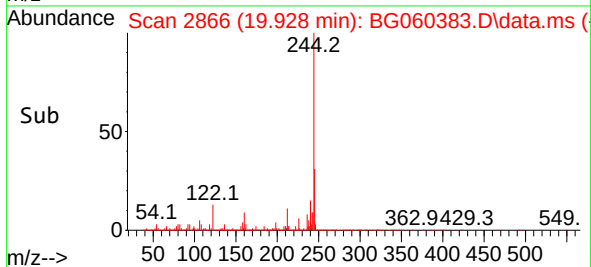
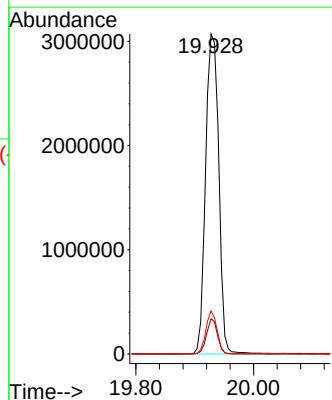
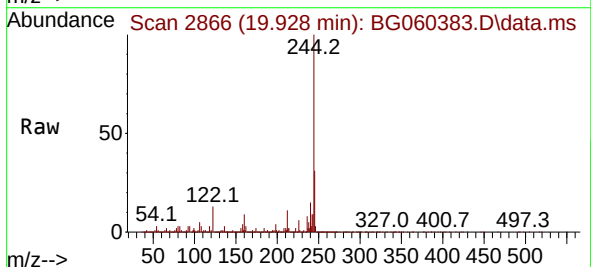
RT: 19.928 min Scan# 2866

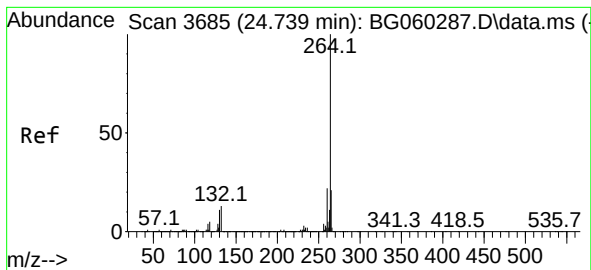
Delta R.T. -0.005 min

Lab File: BG060383.D

Acq: 22 Jan 2024 13:44

Tgt Ion:244	Resp: 4780384
Ion Ratio	Lower Upper
244	100
212	11.0 10.9 16.3
122	13.5 12.6 18.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.734 min Scan# 30
 Delta R.T. -0.005 min
 Lab File: BG060383.D
 Acq: 22 Jan 2024 13:44

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:264 Resp: 1513549

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.8	26.6
265	21.4	16.8	25.2

