

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040824\
 Data File : BG060823.D
 Acq On : 8 Apr 2024 13:08
 Operator : MA/JU
 Sample : PB159972TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 08 13:43:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

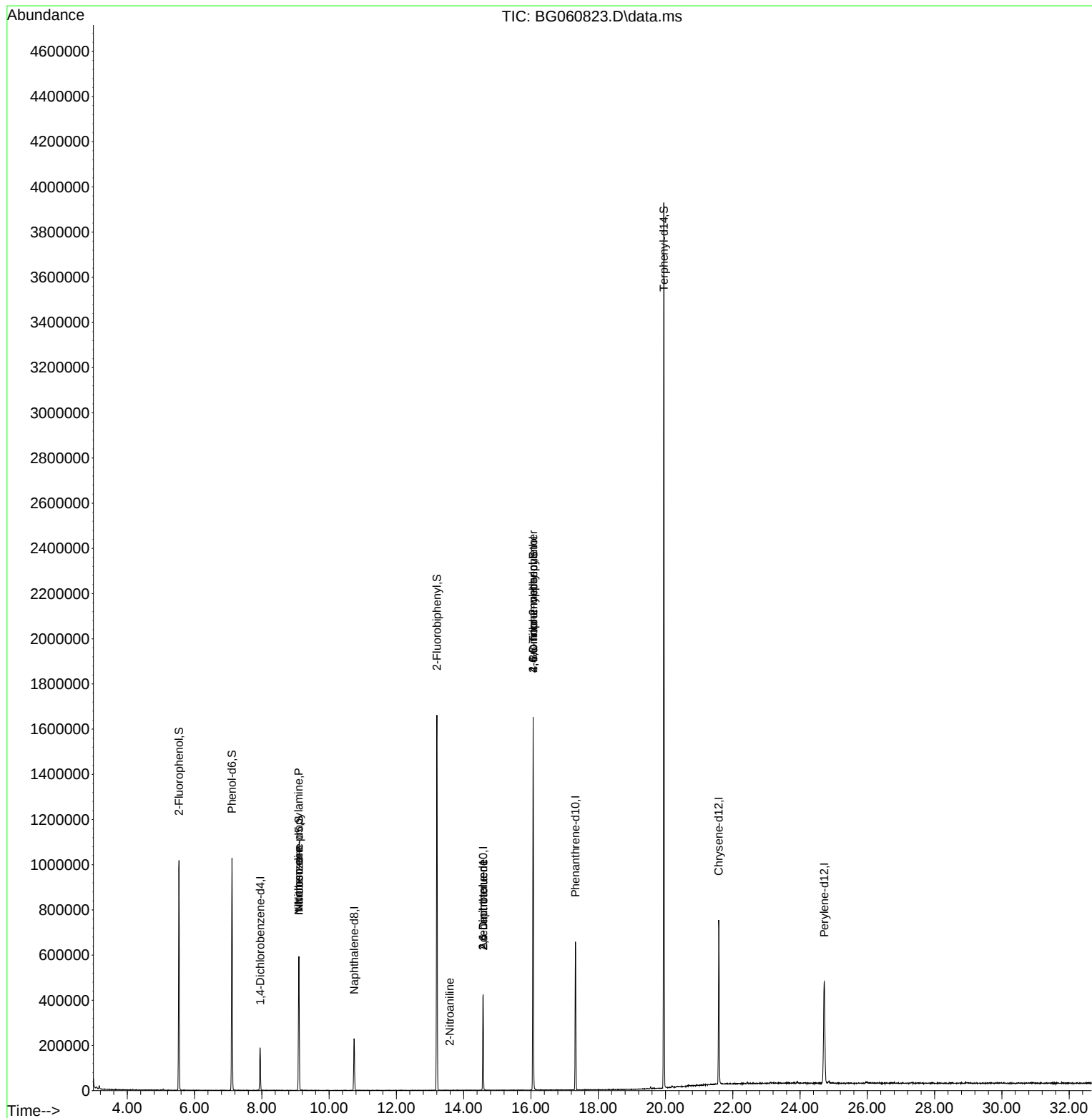
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	50473	20.000	ng	0.00
21) Naphthalene-d8	10.743	136	187995	20.000	ng	-0.01
39) Acenaphthene-d10	14.580	164	153118	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	418878	20.000	ng	-0.01
76) Chrysene-d12	21.584	240	429602	20.000	ng	-0.02
86) Perylene-d12	24.721	264	496930	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	387164	127.786	ng	0.00
7) Phenol-d6	7.112	99	521135	115.875	ng	0.00
23) Nitrobenzene-d5	9.104	82	325210	98.710	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	309942	178.318	ng	0.00
45) 2-Fluorobiphenyl	13.205	172	869661	83.357	ng	-0.01
79) Terphenyl-d14	19.950	244	2015061	82.592	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.098	70	42713	12.454	ng	# 77
24) Nitrobenzene	9.098	77	1209	3.083	ng	# 42
48) 2-Nitroaniline	13.587	65	70	2.818	ng	# 11
51) 2,6-Dinitrotoluene	14.580	165	19147	11.687	ng	# 20
57) 2,4-Dinitrotoluene	14.580	165	19147	9.848	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.067	198	908	7.482	ng	# 1
67) 4-Bromophenyl-phenylether	16.067	248	21082	4.959	ng	# 1

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

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Misc :
ALS Vial : 5 Sample Multiplier: 1

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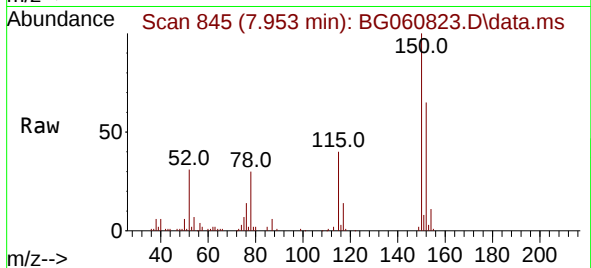
Quant Time: Apr 08 13:43:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
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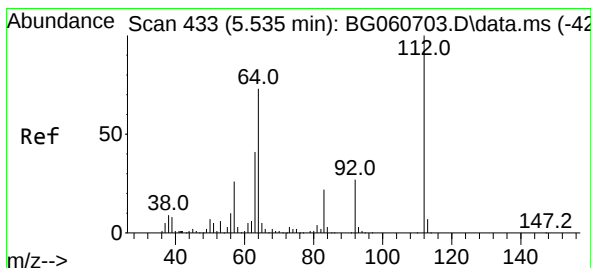
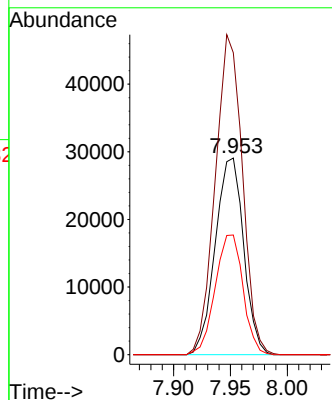
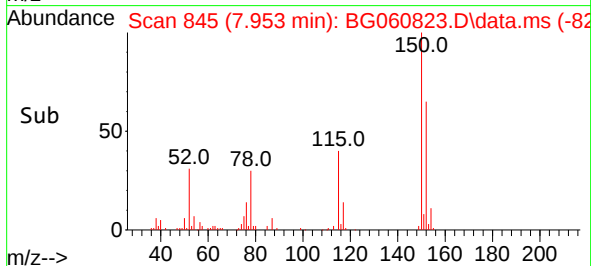


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.953 min Scan# 846
Delta R.T. -0.008 min
Lab File: BG060823.D
Acq: 8 Apr 2024 13:08

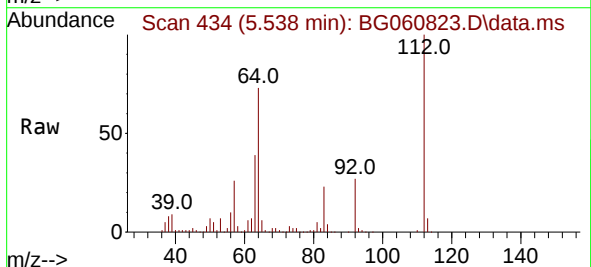
Instrument :
BNA_G
ClientSampleId :



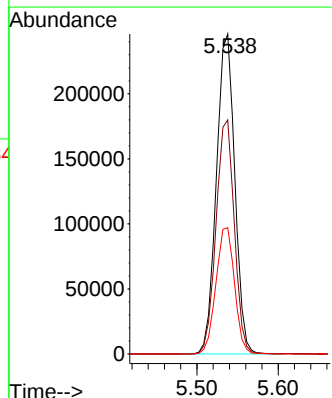
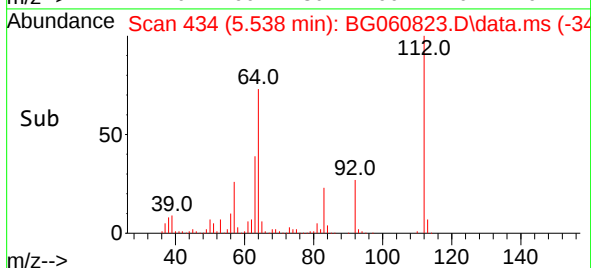
Tgt Ion:152 Resp: 50473
Ion Ratio Lower Upper
152 100
150 153.5 130.2 195.4
115 60.8 51.6 77.4

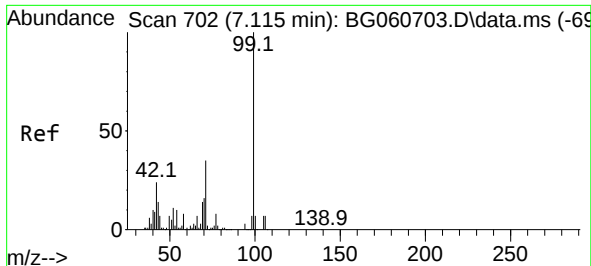


#5
2-Fluorophenol
Concen: 127.786 ng
RT: 5.538 min Scan# 434
Delta R.T. 0.003 min
Lab File: BG060823.D
Acq: 8 Apr 2024 13:08



Tgt Ion:112 Resp: 387164
Ion Ratio Lower Upper
112 100
64 73.2 58.4 87.6
63 39.4 32.7 49.1

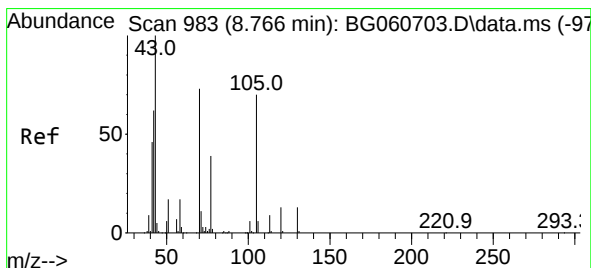
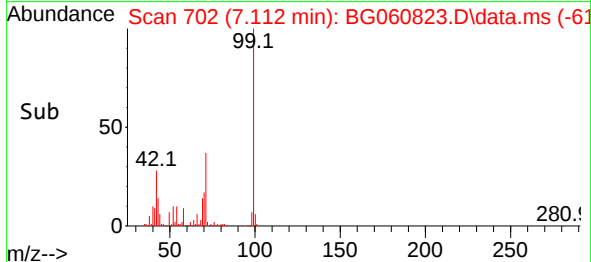
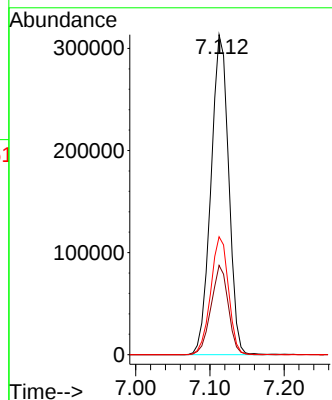
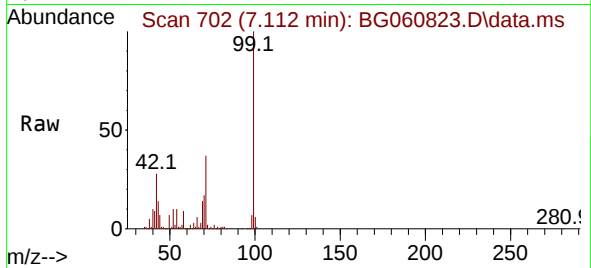




#7
Phenol-d6
Concen: 115.875 ng
RT: 7.112 min Scan# 70
Delta R.T. -0.003 min
Lab File: BG060823.D
Acq: 8 Apr 2024 13:08

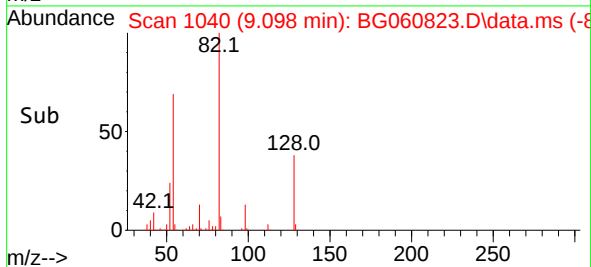
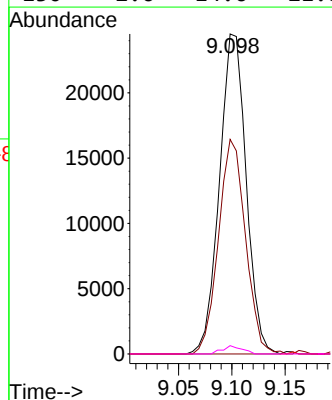
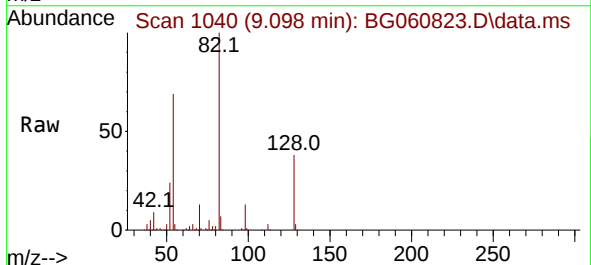
Instrument :
BNA_G
ClientSampleId :

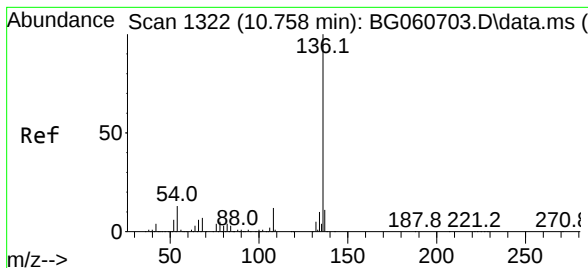
Tgt Ion: 99 Resp: 521135
Ion Ratio Lower Upper
99 100
42 27.9 19.4 29.2
71 36.8 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.454 ng
RT: 9.098 min Scan# 1040
Delta R.T. 0.332 min
Lab File: BG060823.D
Acq: 8 Apr 2024 13:08

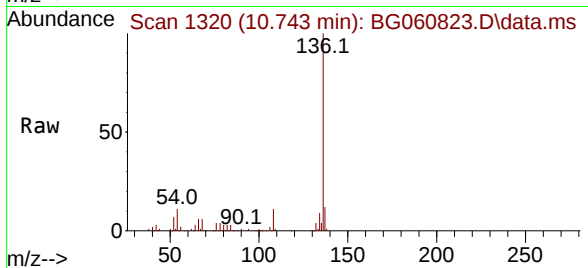
Tgt Ion: 70 Resp: 42713
Ion Ratio Lower Upper
70 100
42 67.1 68.4 102.6#
101 0.0 6.1 9.1#
130 2.6 14.6 21.8#



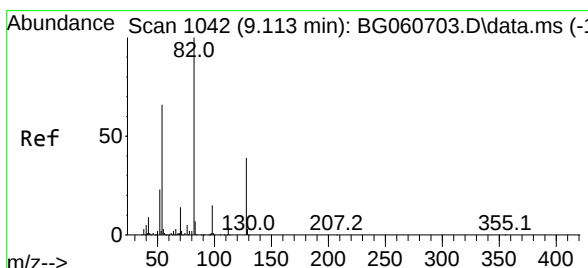
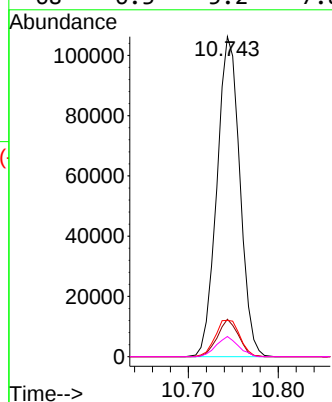


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 11
Delta R.T. -0.015 min
Lab File: BG060823.D
Acq: 8 Apr 2024 13:08

Instrument :
BNA_G
ClientSampleId :

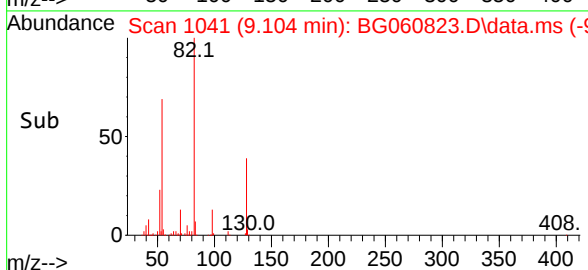
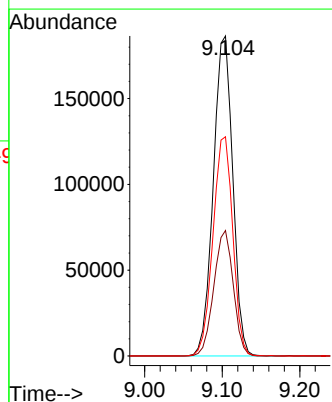
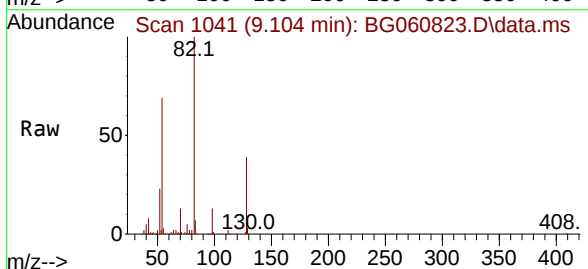


Tgt Ion:	136	Resp:	187995
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	11.4	10.2	15.2
68	6.3	5.2	7.8



#23
Nitrobenzene-d5
Concen: 98.710 ng
RT: 9.104 min Scan# 1041
Delta R.T. -0.009 min
Lab File: BG060823.D
Acq: 8 Apr 2024 13:08

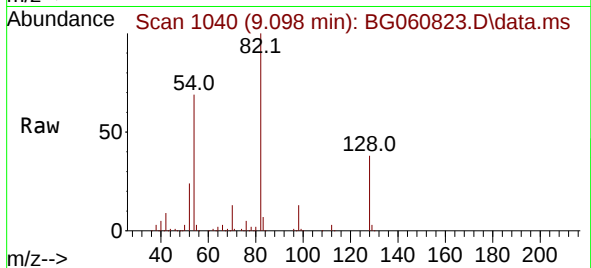
Tgt Ion:	82	Resp:	325210
Ion	Ratio	Lower	Upper
82	100		
128	39.2	31.2	46.8
54	68.5	53.2	79.8



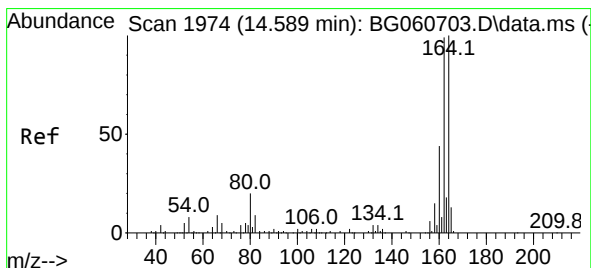
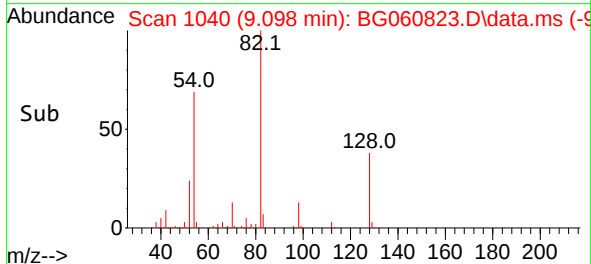
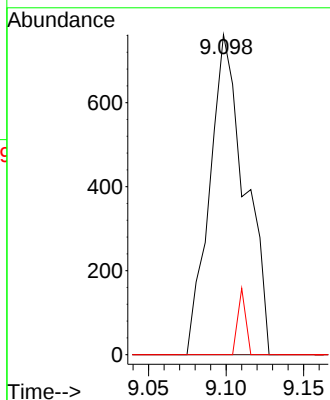


#24
Nitrobenzene
Concen: 3.083 ng
RT: 9.098 min Scan# 1040
Delta R.T. -0.056 min
Lab File: BG060823.D
Acq: 8 Apr 2024 13:08

Instrument :
BNA_G
ClientSampleId :

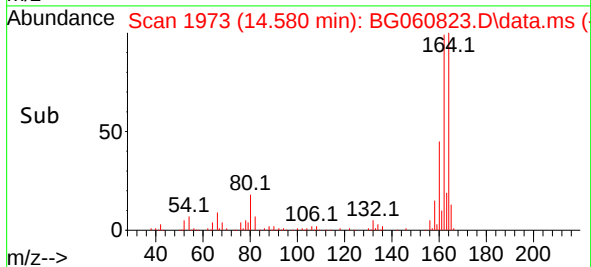
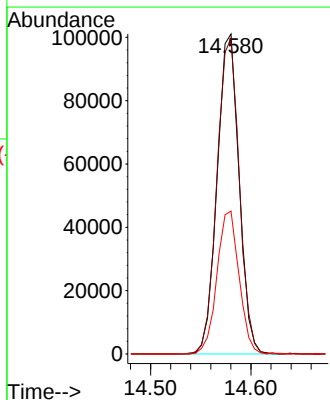
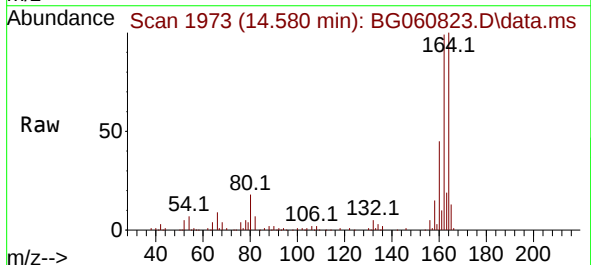


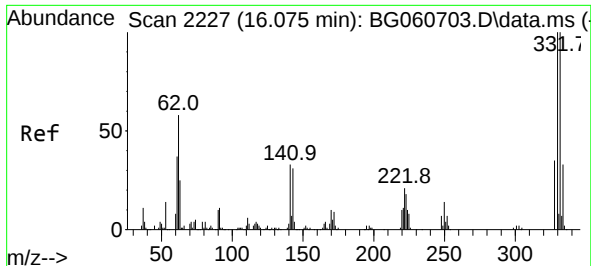
Tgt Ion: 77 Resp: 1209
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 0.0 11.3 16.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.580 min Scan# 1973
Delta R.T. -0.009 min
Lab File: BG060823.D
Acq: 8 Apr 2024 13:08

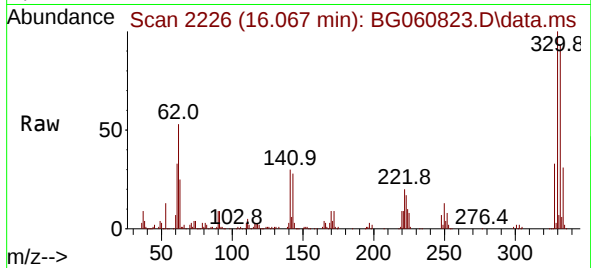
Tgt Ion:164 Resp: 153118
Ion Ratio Lower Upper
164 100
162 98.6 79.5 119.3
160 44.7 35.4 53.0



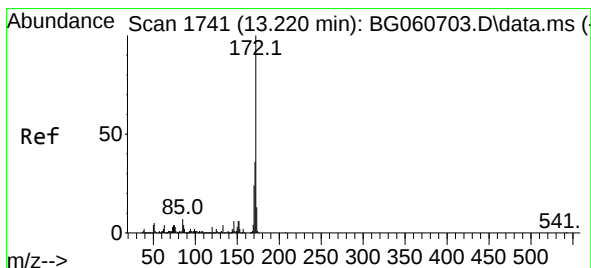
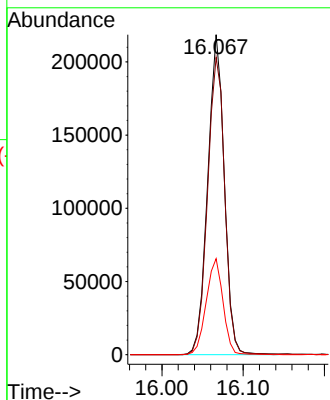
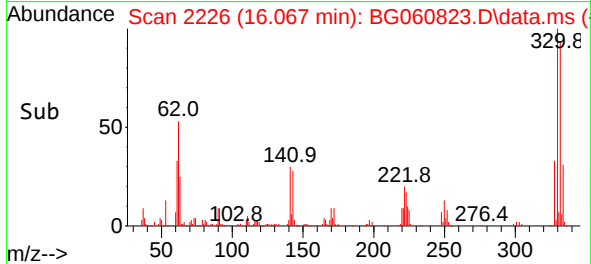


#42
2,4,6-Tribromophenol
Concen: 178.318 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG060823.D
Acq: 8 Apr 2024 13:08

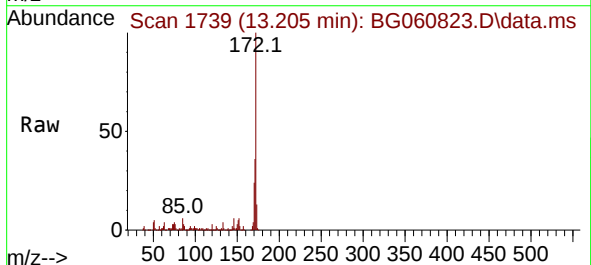
Instrument :
BNA_G
ClientSampleId :



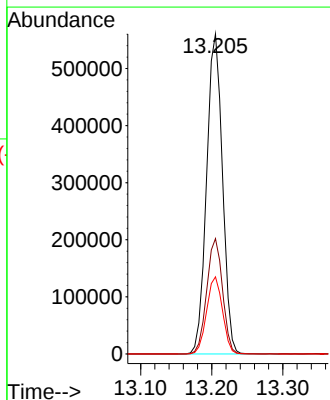
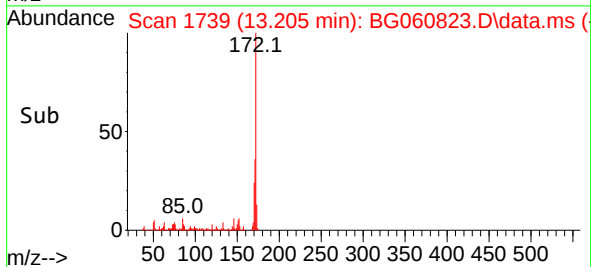
Tgt Ion:330 Resp: 309942
Ion Ratio Lower Upper
330 100
332 96.0 78.2 117.4
141 30.4 27.0 40.6

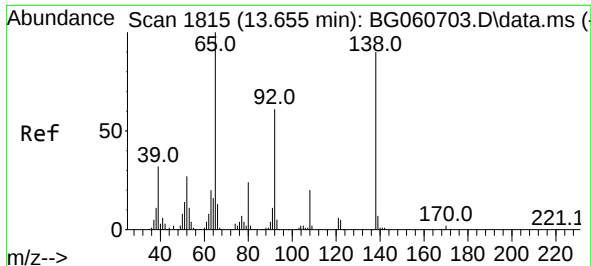


#45
2-Fluorobiphenyl
Concen: 83.357 ng
RT: 13.205 min Scan# 1739
Delta R.T. -0.015 min
Lab File: BG060823.D
Acq: 8 Apr 2024 13:08



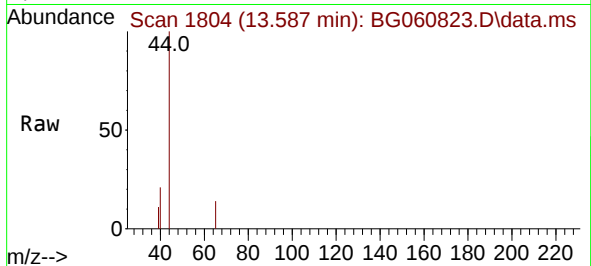
Tgt Ion:172 Resp: 869661
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 24.1 19.4 29.0



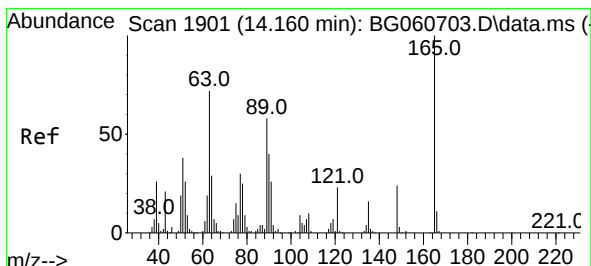
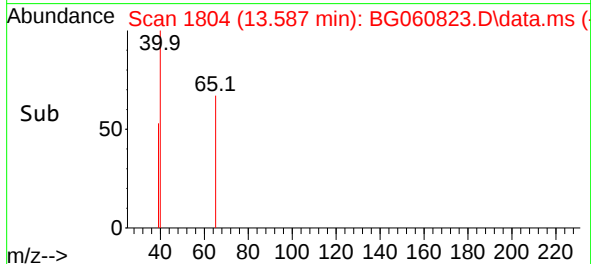
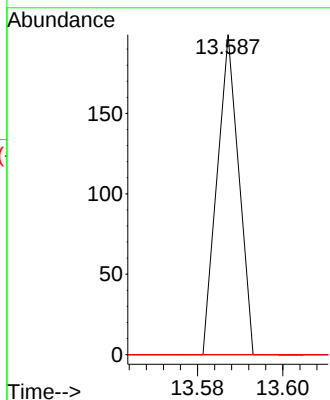


#48
2-Nitroaniline
Concen: 2.818 ng
RT: 13.587 min Scan# 11
Delta R.T. -0.068 min
Lab File: BG060823.D
Acq: 8 Apr 2024 13:08

Instrument :
BNA_G
ClientSampleId :

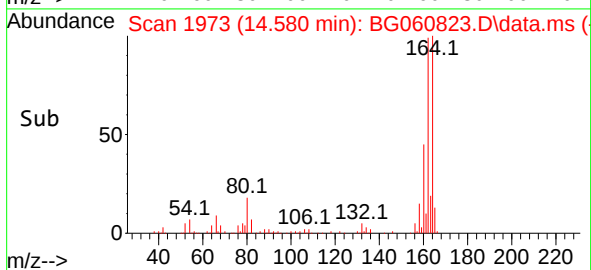
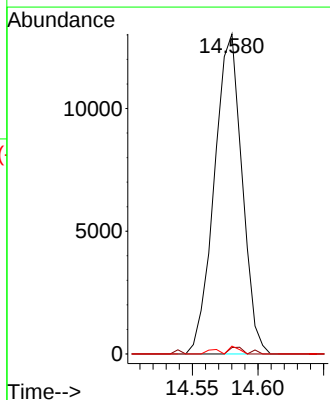
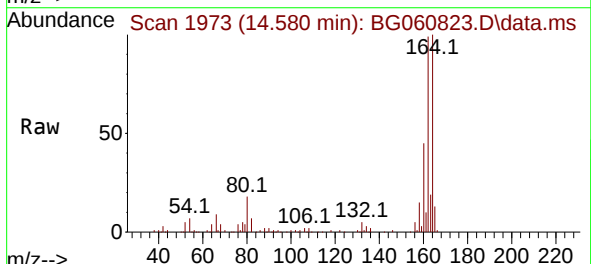


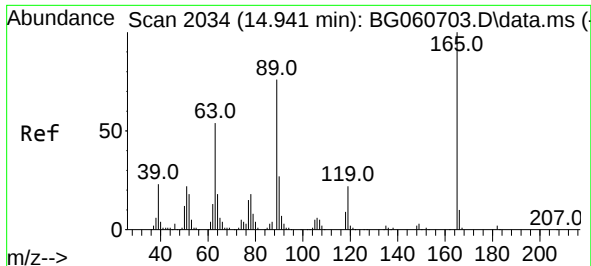
Tgt Ion: 65 Resp: 70
Ion Ratio Lower Upper
65 100
92 0.0 48.6 72.8#
138 0.0 72.2 108.4#



#51
2,6-Dinitrotoluene
Concen: 11.687 ng
RT: 14.580 min Scan# 1973
Delta R.T. 0.420 min
Lab File: BG060823.D
Acq: 8 Apr 2024 13:08

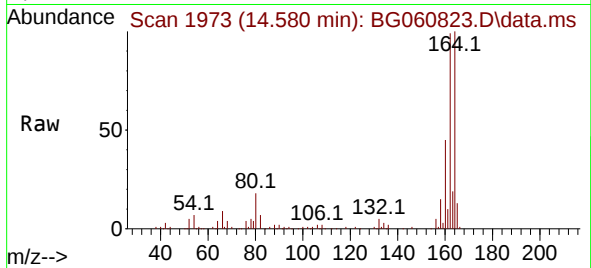
Tgt Ion:165 Resp: 19147
Ion Ratio Lower Upper
165 100
63 2.0 58.2 87.4#
89 2.5 46.1 69.1#



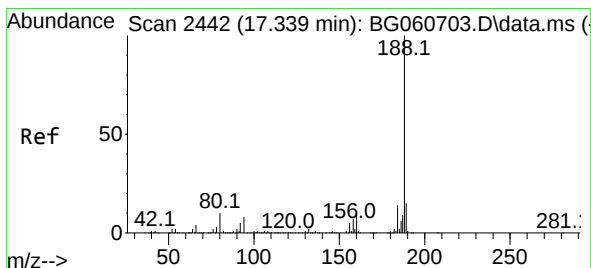
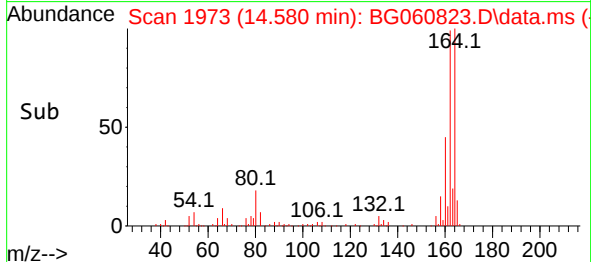
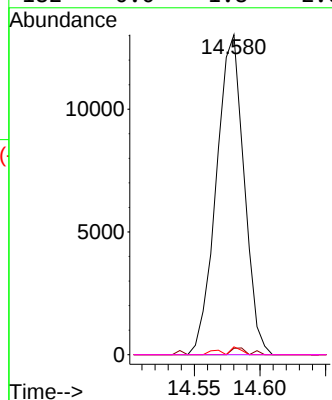


#57
2,4-Dinitrotoluene
Concen: 9.848 ng
RT: 14.580 min Scan# 1973
Delta R.T. -0.361 min
Lab File: BG060823.D
Acq: 8 Apr 2024 13:08

Instrument :
BNA_G
ClientSampleId :

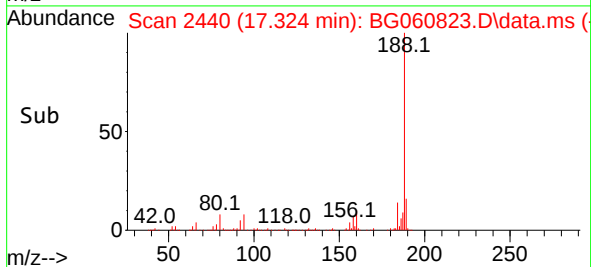
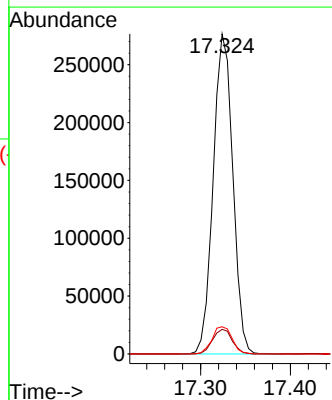
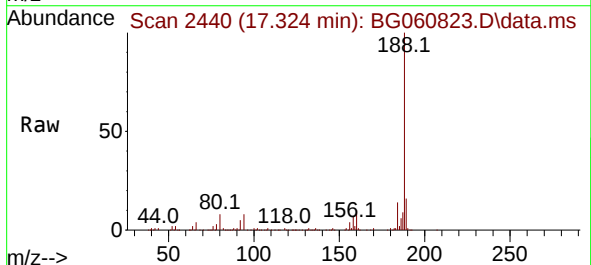


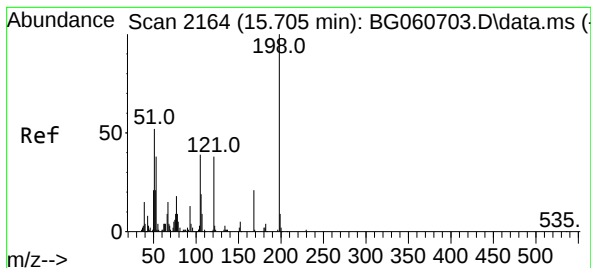
Tgt Ion:165 Resp: 19147
Ion Ratio Lower Upper
165 100
63 2.0 43.4 65.0#
89 2.5 61.0 91.6#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 2440
Delta R.T. -0.015 min
Lab File: BG060823.D
Acq: 8 Apr 2024 13:08

Tgt Ion:188 Resp: 418878
Ion Ratio Lower Upper
188 100
94 7.7 6.6 9.8
80 8.5 7.6 11.4

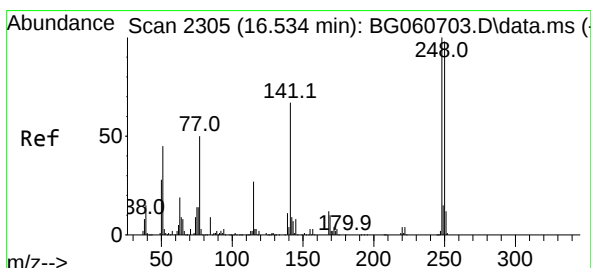
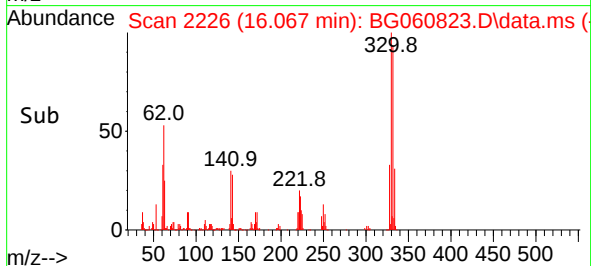
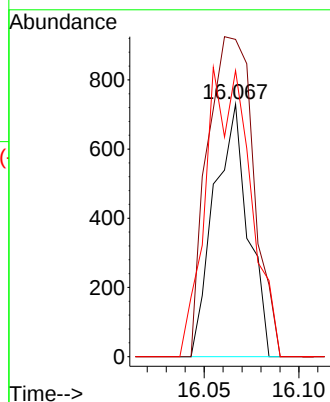
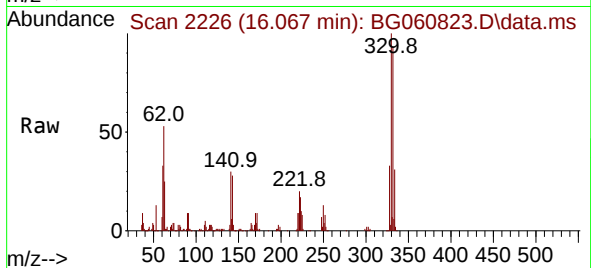




#65
4,6-Dinitro-2-methylphenol
Concen: 7.482 ng
RT: 16.067 min Scan# 2164
Delta R.T. 0.362 min
Lab File: BG060823.D
Acq: 8 Apr 2024 13:08

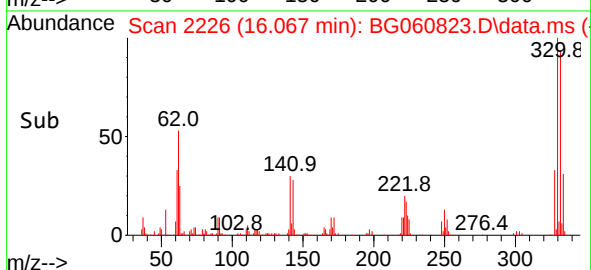
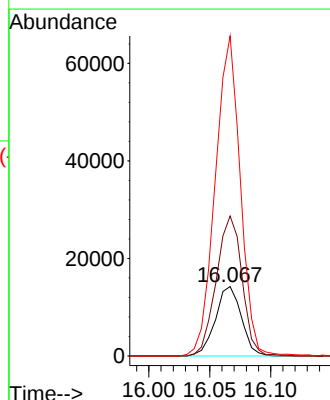
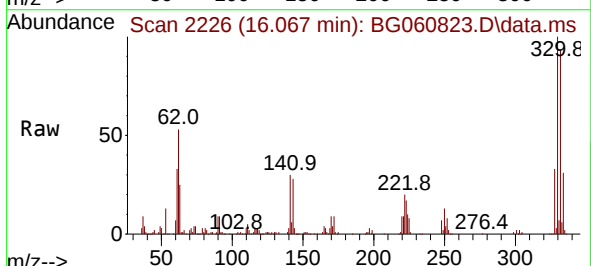
Instrument :
BNA_G
ClientSampleId :

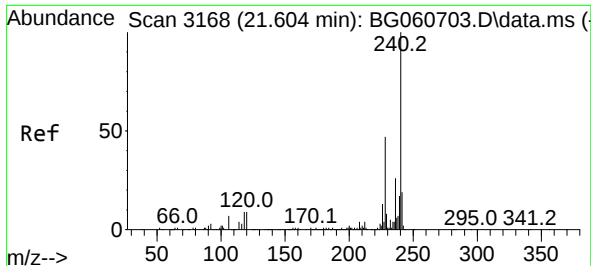
Tgt Ion:198 Resp: 908
Ion Ratio Lower Upper
198 100
51 125.6 36.7 76.7#
105 113.3 19.1 59.1#



#67
4-Bromophenyl-phenylether
Concen: 4.959 ng
RT: 16.067 min Scan# 2226
Delta R.T. -0.467 min
Lab File: BG060823.D
Acq: 8 Apr 2024 13:08

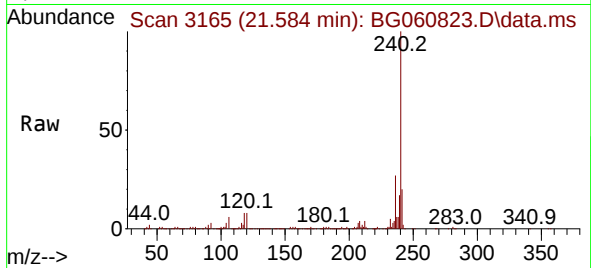
Tgt Ion:248 Resp: 21082
Ion Ratio Lower Upper
248 100
250 201.8 78.3 117.5#
141 461.3 53.7 80.5#



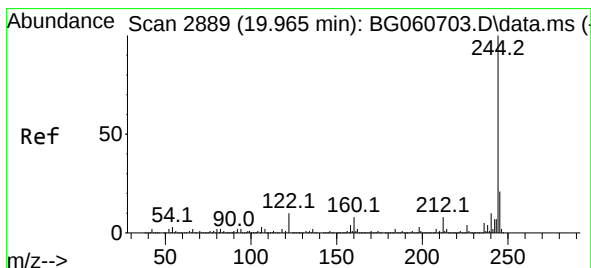
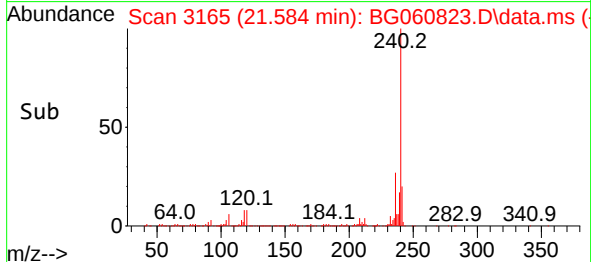
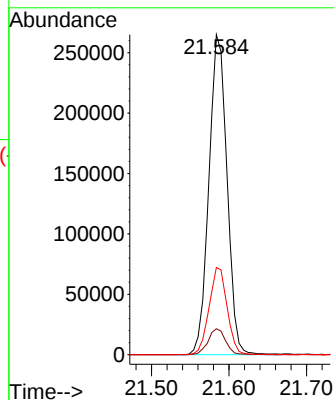


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.584 min Scan# 3165
Delta R.T. -0.021 min
Lab File: BG060823.D
Acq: 8 Apr 2024 13:08

Instrument :
BNA_G
ClientSampleId :

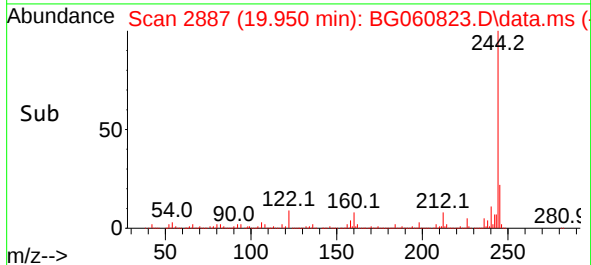
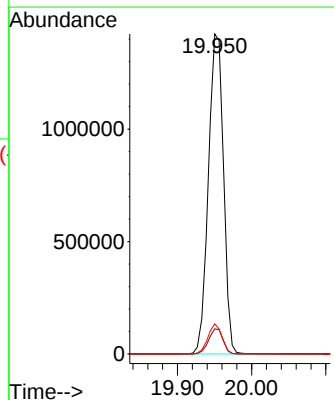
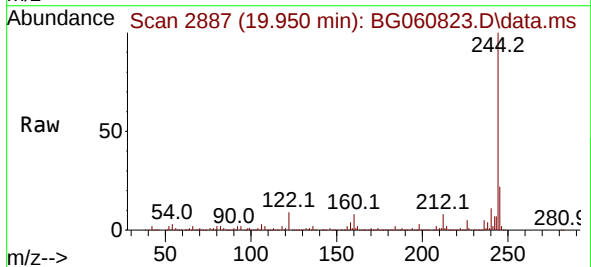


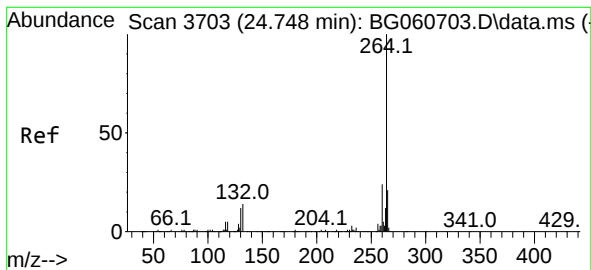
Tgt Ion:240 Resp: 429602
Ion Ratio Lower Upper
240 100
120 8.1 7.1 10.7
236 27.3 20.7 31.1



#79
Terphenyl-d14
Concen: 82.592 ng
RT: 19.950 min Scan# 2887
Delta R.T. -0.015 min
Lab File: BG060823.D
Acq: 8 Apr 2024 13:08

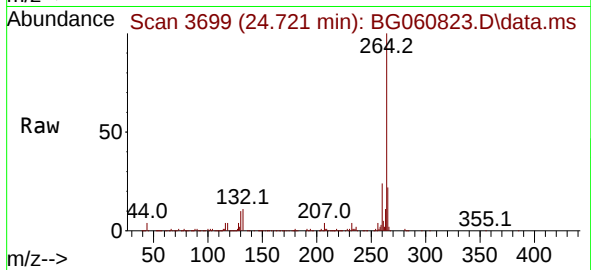
Tgt Ion:244 Resp: 2015061
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 9.4 7.8 11.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.721 min Scan# 30
 Delta R.T. -0.026 min
 Lab File: BG060823.D
 Acq: 8 Apr 2024 13:08

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 496930
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 22.2 16.9 25.3

