

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012324\
 Data File : BG060410.D
 Acq On : 23 Jan 2024 19:19
 Operator : MA/JU
 Sample : P1221-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-B

Quant Time: Jan 24 03:18:19 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)

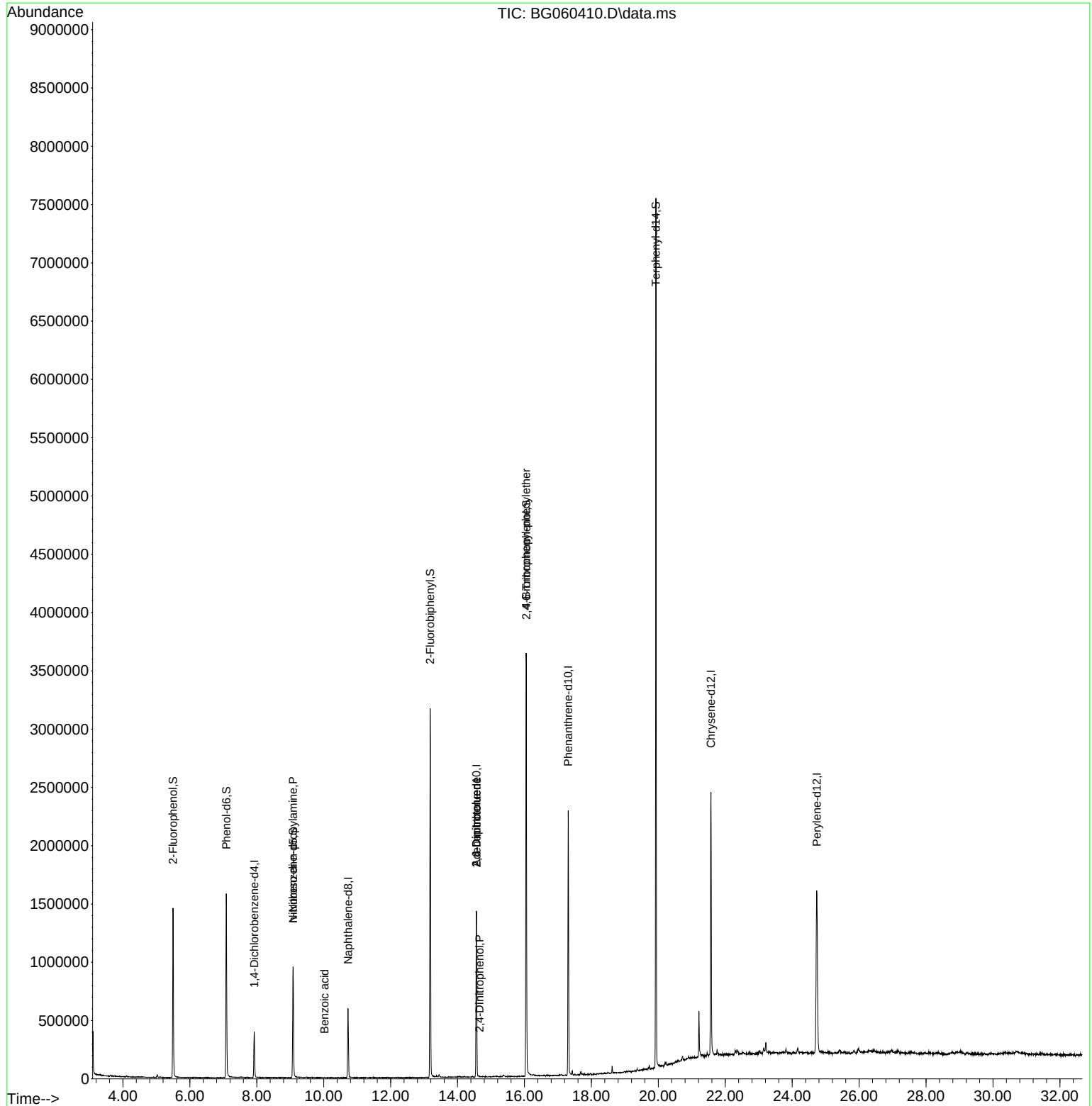
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	123818	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	545139	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	526248	20.000	ng	0.00
64) Phenanthrene-d10	17.307	188	1527508	20.000	ng	0.00
76) Chrysene-d12	21.573	240	1400384	20.000	ng	0.00
86) Perylene-d12	24.733	264	1601387	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.497	112	728398	96.760	ng	0.00
7) Phenol-d6	7.089	99	1104168	99.054	ng	0.00
23) Nitrobenzene-d5	9.087	82	654828	56.721	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	878448	113.456	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	1820862	48.106	ng	0.00
79) Terphenyl-d14	19.927	244	3786886	61.403	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.087	70	76796	9.954	ng	# 90
32) Benzoic acid	10.027	122	53	10.209	ng	# 36
51) 2,6-Dinitrotoluene	14.563	165	69799	8.134	ng	# 32
54) 2,4-Dinitrophenol	14.657	184	71	8.599	ng	# 43
57) 2,4-Dinitrotoluene	14.563	165	69799	5.932	ng	# 25
67) 4-Bromophenyl-phenylether	16.050	248	53665	3.197	ng	# 1

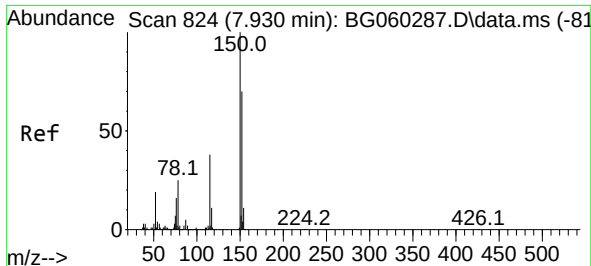
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012324\
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Instrument :
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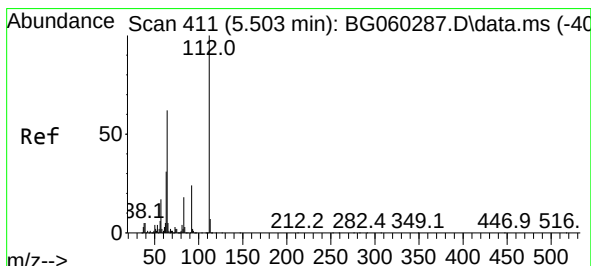
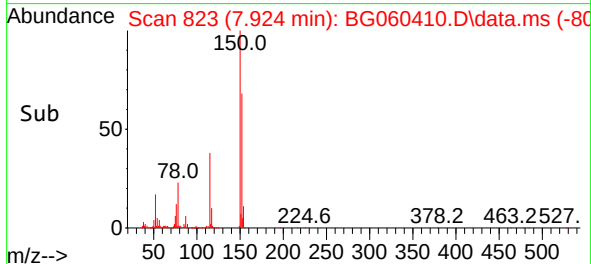
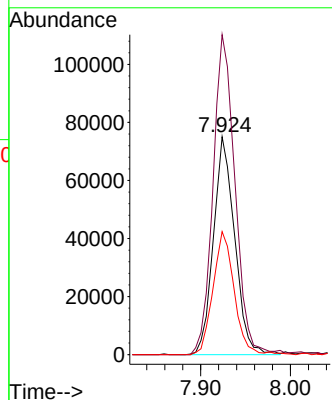
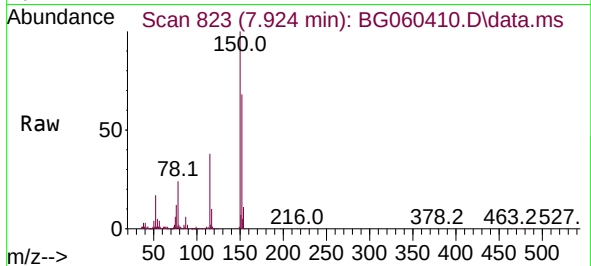




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.924 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060410.D
Acq: 23 Jan 2024 19:19

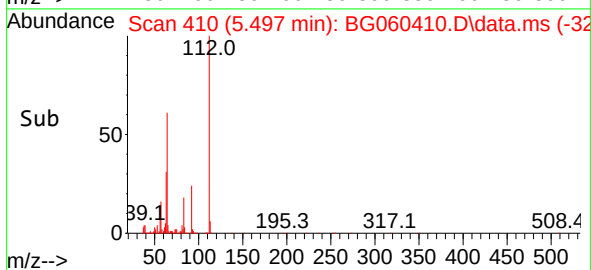
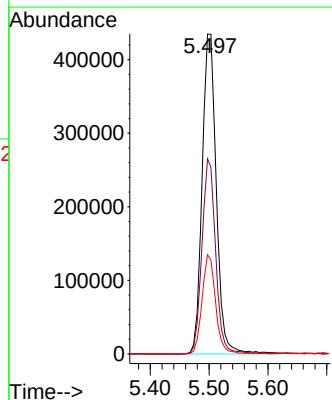
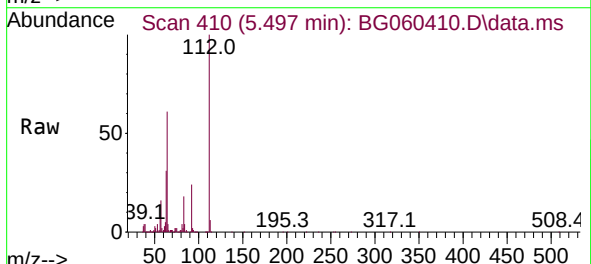
Instrument :
BNA_G
ClientSampleId :
MH-B

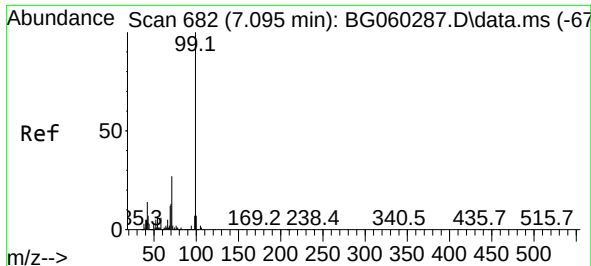
Tgt Ion:152 Resp: 123818
Ion Ratio Lower Upper
152 100
150 146.9 114.5 171.7
115 56.4 43.0 64.6



#5
2-Fluorophenol
Concen: 96.760 ng
RT: 5.497 min Scan# 410
Delta R.T. -0.006 min
Lab File: BG060410.D
Acq: 23 Jan 2024 19:19

Tgt Ion:112 Resp: 728398
Ion Ratio Lower Upper
112 100
64 61.0 49.8 74.6
63 31.0 24.4 36.6



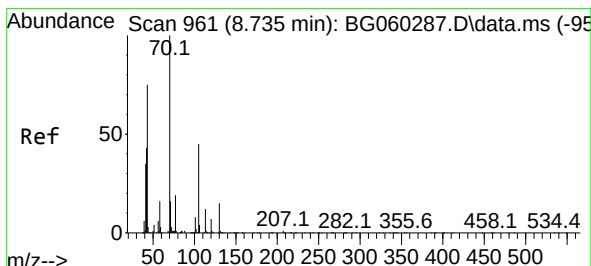
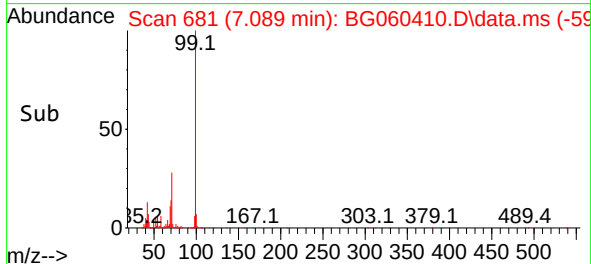
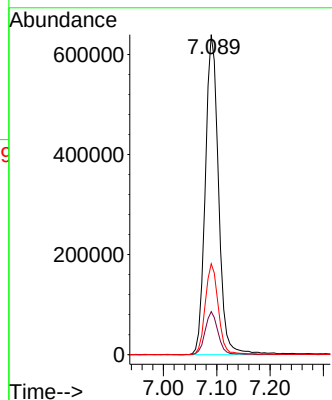
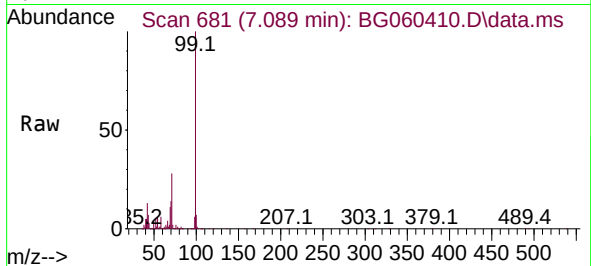


#7
Phenol-d6
Concen: 99.054 ng
RT: 7.089 min Scan# 681
Delta R.T. -0.006 min
Lab File: BG060410.D
Acq: 23 Jan 2024 19:19

Instrument :
BNA_G
ClientSampleId :
MH-B

Tgt Ion: 99 Resp: 1104168

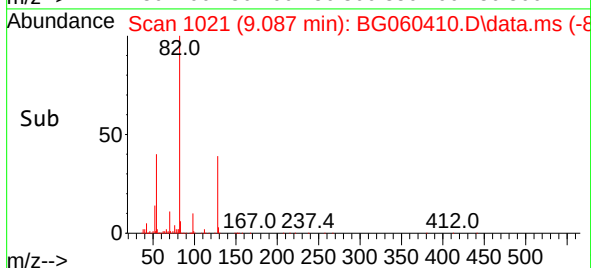
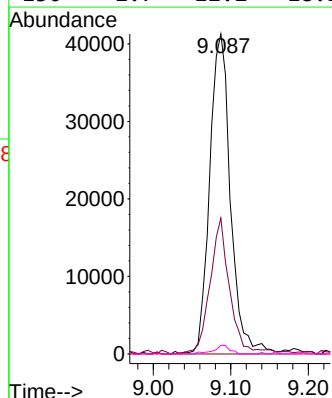
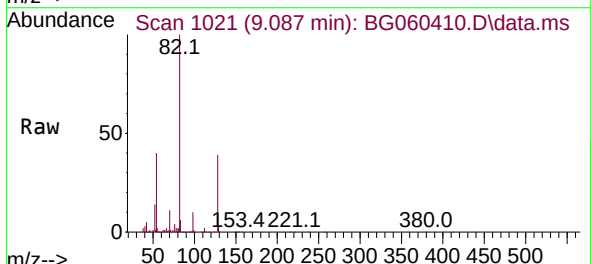
Ion	Ratio	Lower	Upper
99	100		
42	13.4	10.9	16.3
71	28.4	21.5	32.3

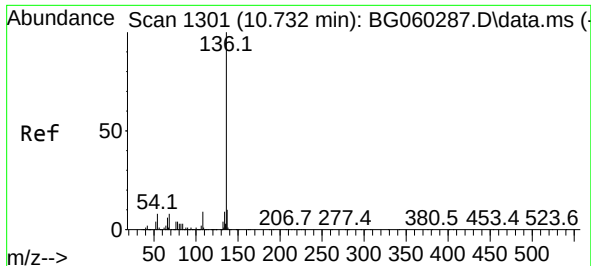


#19
n-Nitroso-di-n-propylamine
Concen: 9.954 ng
RT: 9.087 min Scan# 1021
Delta R.T. 0.353 min
Lab File: BG060410.D
Acq: 23 Jan 2024 19:19

Tgt Ion: 70 Resp: 76796

Ion	Ratio	Lower	Upper
70	100		
42	42.4	34.3	51.5
101	0.0	6.2	9.2#
130	2.7	12.2	18.2#

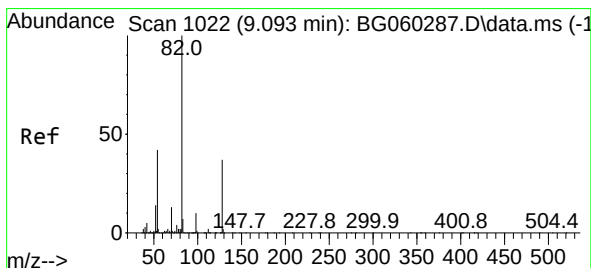
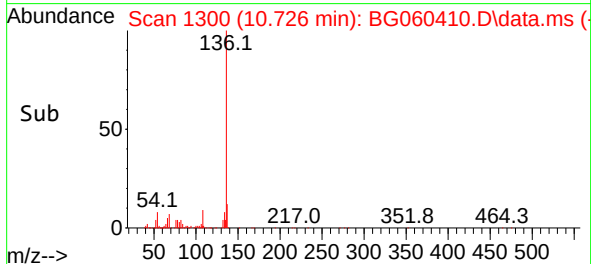
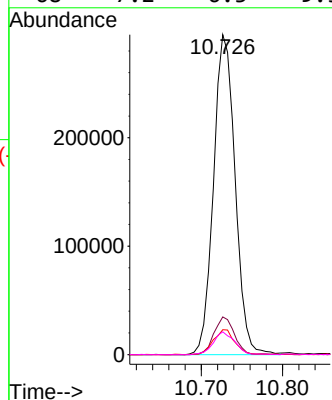
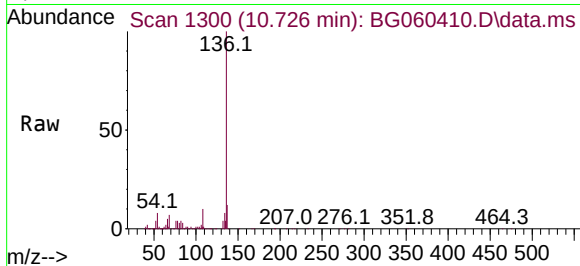




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BG060410.D
Acq: 23 Jan 2024 19:19

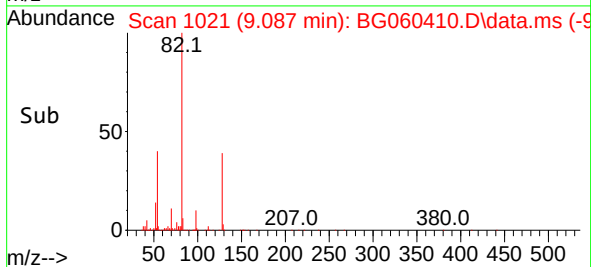
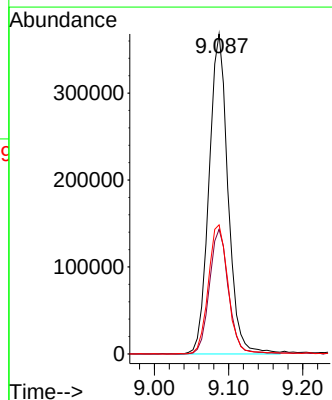
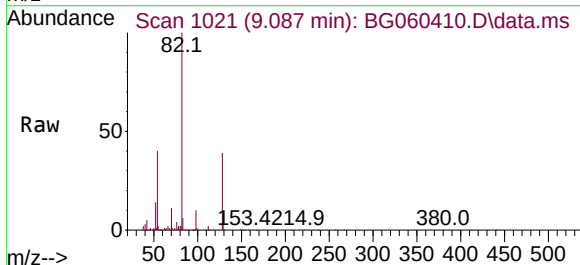
Instrument :
BNA_G
ClientSampleId :
MH-B

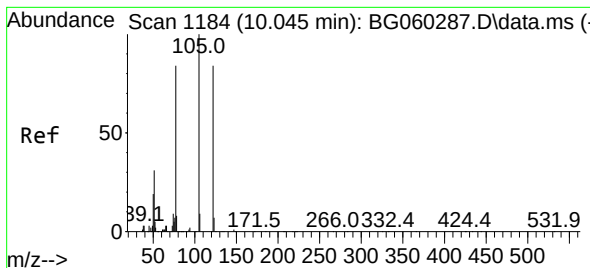
Tgt Ion:	136	Resp:	545139
Ion Ratio	Lower	Upper	
136	100		
137	11.8	8.2	12.4
54	7.8	6.2	9.2
68	7.2	6.3	9.5



#23
Nitrobenzene-d5
Concen: 56.721 ng
RT: 9.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BG060410.D
Acq: 23 Jan 2024 19:19

Tgt Ion:	82	Resp:	654828
Ion Ratio	Lower	Upper	
82	100		
128	38.9	29.6	44.4
54	40.4	33.6	50.4





#32

Benzoic acid

Concen: 10.209 ng

RT: 10.027 min Scan# 1184

Delta R.T. -0.018 min

Lab File: BG060410.D

Acq: 23 Jan 2024 19:19

Instrument :

BNA_G

ClientSampleId :

MH-B

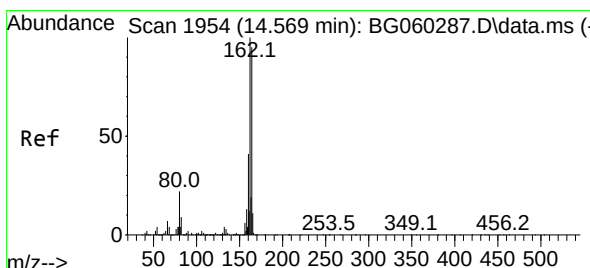
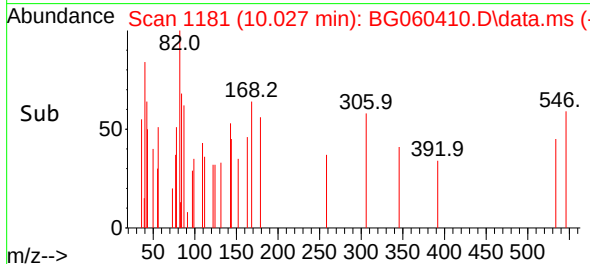
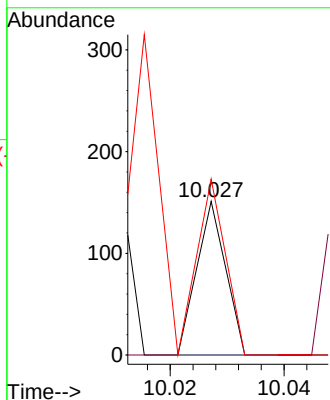
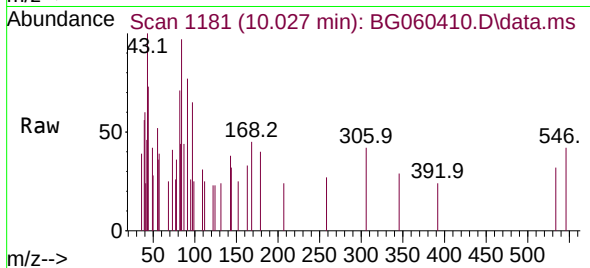
Tgt Ion:122 Resp: 53

Ion Ratio Lower Upper

122 100

105 0.0 96.0 136.0#

77 114.6 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: BG060410.D

Acq: 23 Jan 2024 19:19

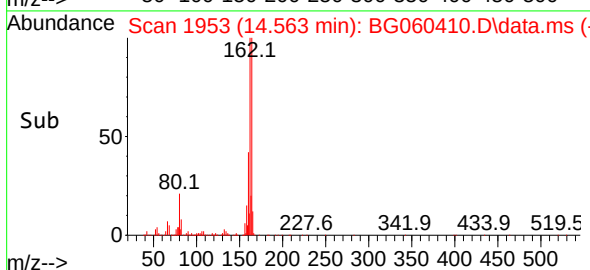
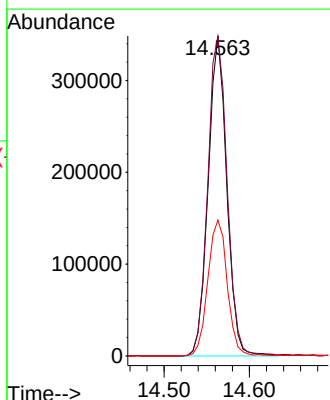
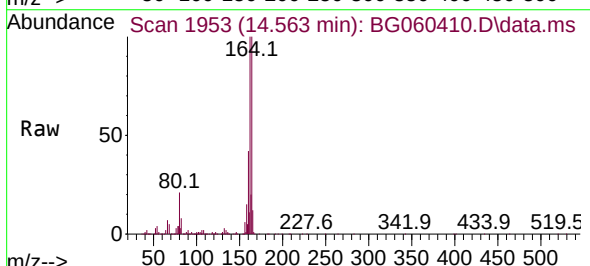
Tgt Ion:164 Resp: 526248

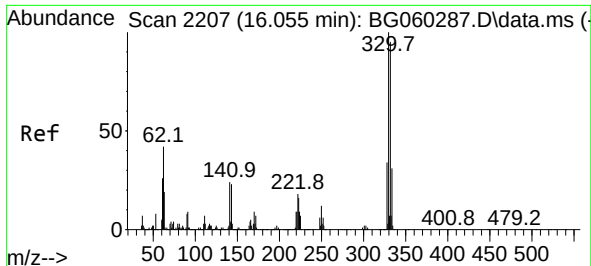
Ion Ratio Lower Upper

164 100

162 99.9 84.4 126.6

160 42.4 34.6 52.0

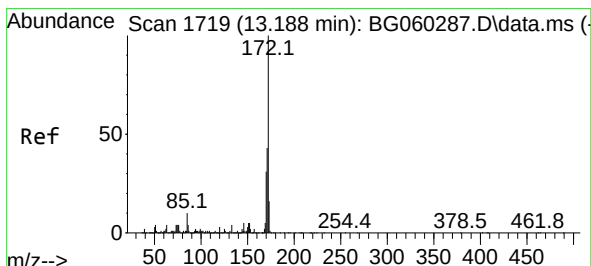
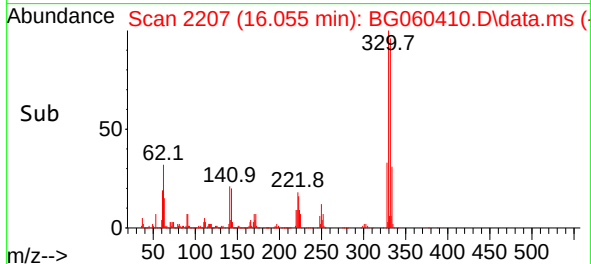
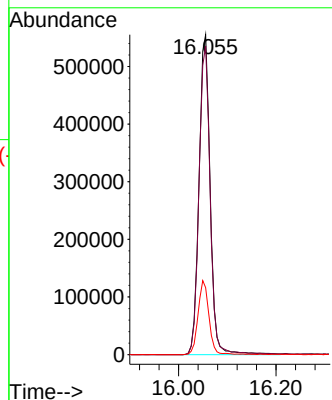
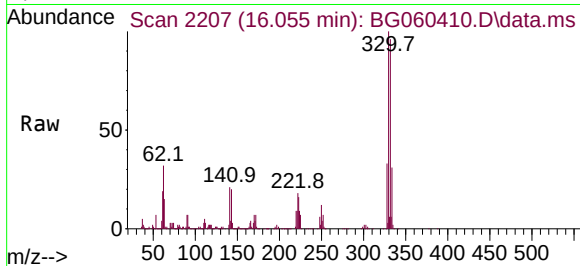




#42
2,4,6-Tribromophenol
Concen: 113.456 ng
RT: 16.055 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG060410.D
Acq: 23 Jan 2024 19:19

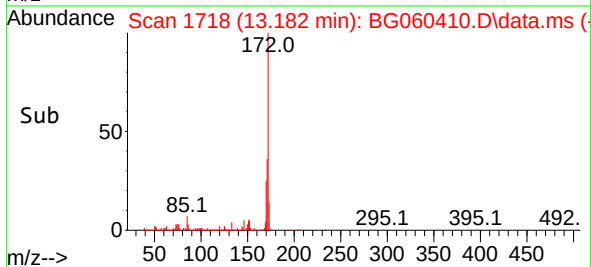
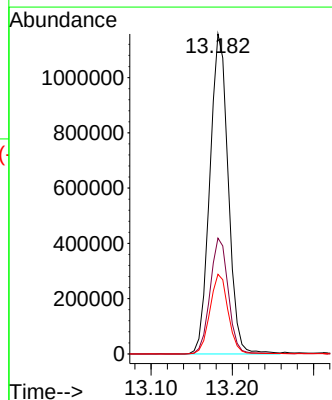
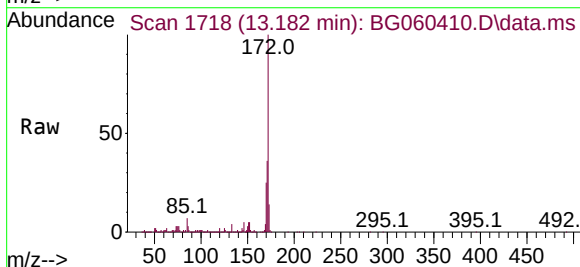
Instrument :
BNA_G
ClientSampleId :
MH-B

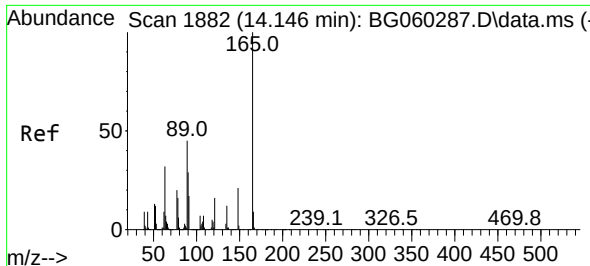
Tgt Ion:330 Resp: 878448
Ion Ratio Lower Upper
330 100
332 96.9 76.7 115.1
141 22.6 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 48.106 ng
RT: 13.182 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BG060410.D
Acq: 23 Jan 2024 19:19

Tgt Ion:172 Resp: 1820862
Ion Ratio Lower Upper
172 100
171 36.2 34.6 51.8
170 24.9 24.4 36.6

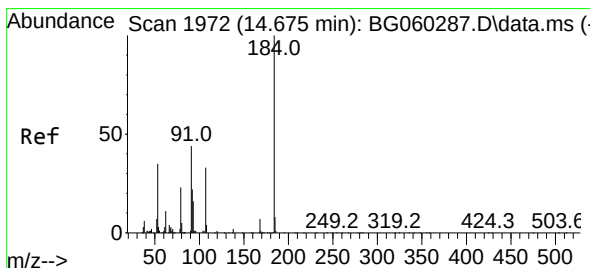
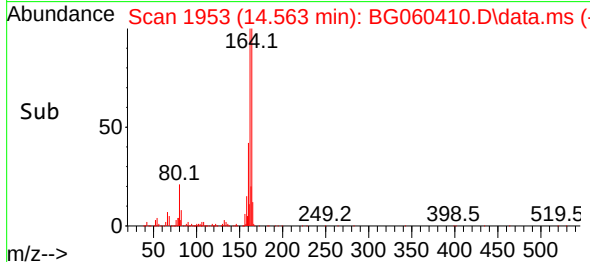
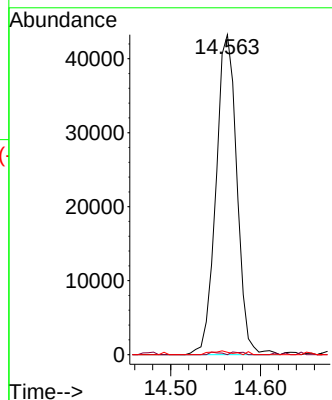
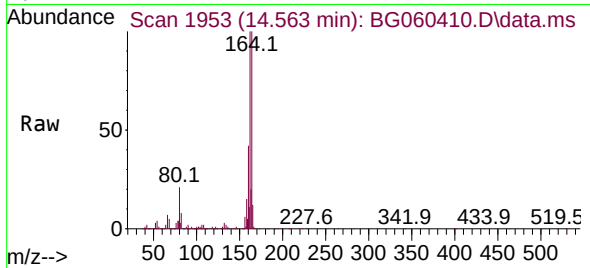




#51
2,6-Dinitrotoluene
Concen: 8.134 ng
RT: 14.563 min Scan# 1953
Delta R.T. 0.417 min
Lab File: BG060410.D
Acq: 23 Jan 2024 19:19

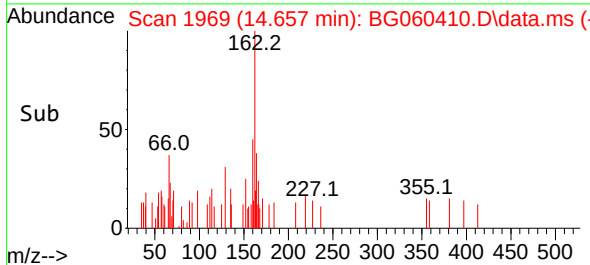
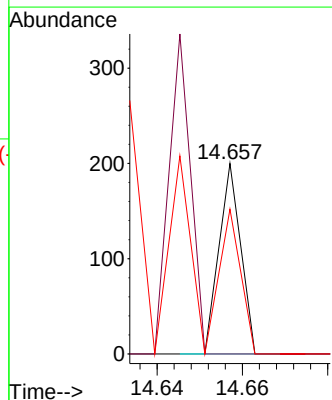
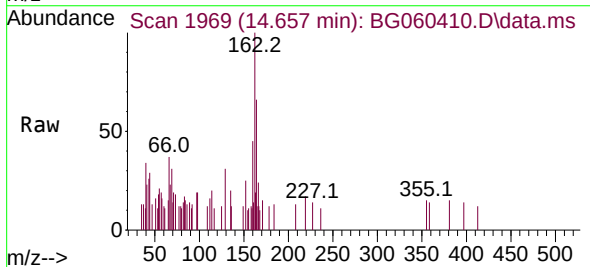
Instrument :
BNA_G
ClientSampleId :
MH-B

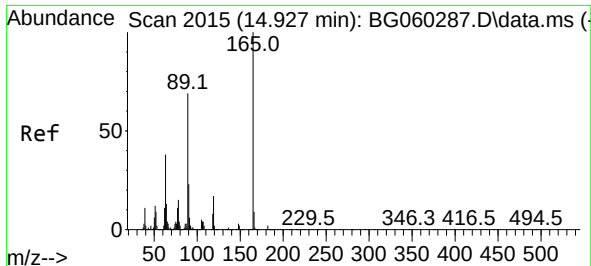
Tgt Ion:165 Resp: 69799
Ion Ratio Lower Upper
165 100
63 0.0 35.0 52.4#
89 0.7 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.599 ng
RT: 14.657 min Scan# 1969
Delta R.T. -0.018 min
Lab File: BG060410.D
Acq: 23 Jan 2024 19:19

Tgt Ion:184 Resp: 71
Ion Ratio Lower Upper
184 100
63 0.0 41.0 61.4#
154 76.0 39.2 58.8#

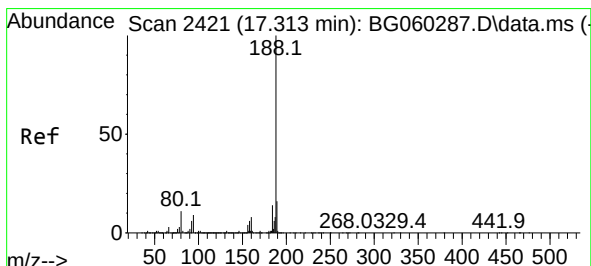
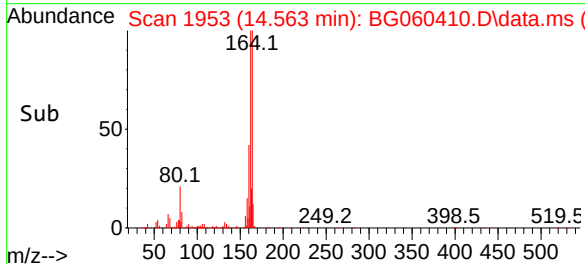
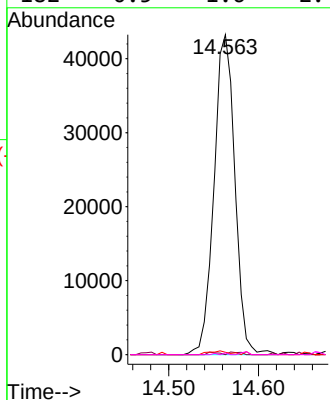
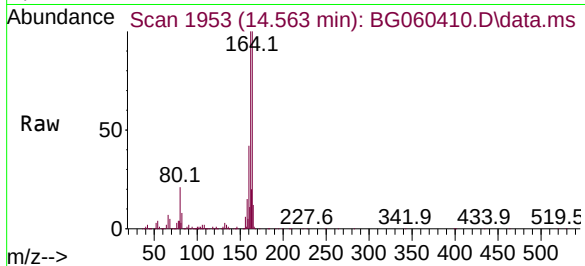




#57
2,4-Dinitrotoluene
Concen: 5.932 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.364 min
Lab File: BG060410.D
Acq: 23 Jan 2024 19:19

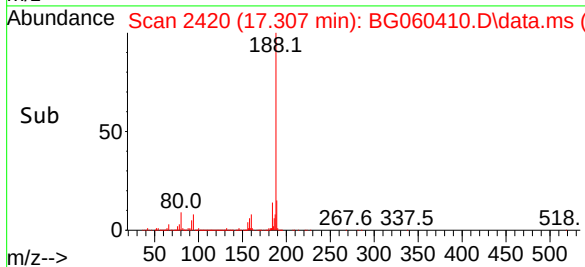
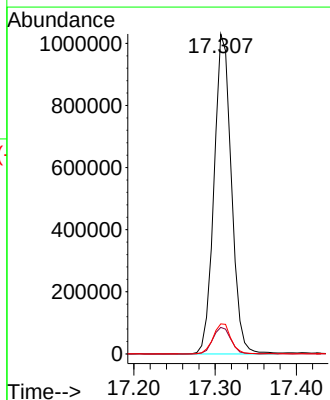
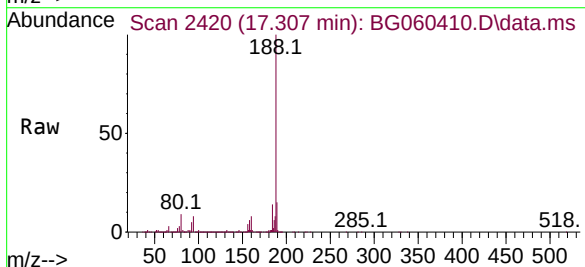
Instrument :
BNA_G
ClientSampleId :
MH-B

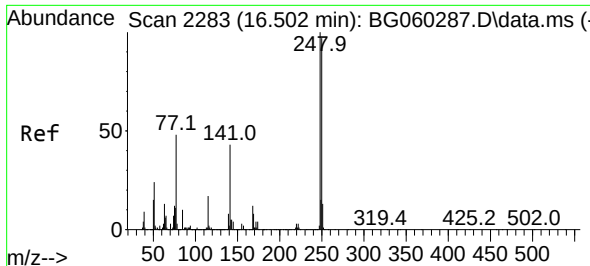
Tgt Ion:165 Resp: 69799
Ion Ratio Lower Upper
165 100
63 0.0 30.4 45.6#
89 0.7 55.4 83.0#
182 0.5 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.307 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BG060410.D
Acq: 23 Jan 2024 19:19

Tgt Ion:188 Resp: 1527508
Ion Ratio Lower Upper
188 100
94 8.3 7.1 10.7
80 9.4 8.5 12.7

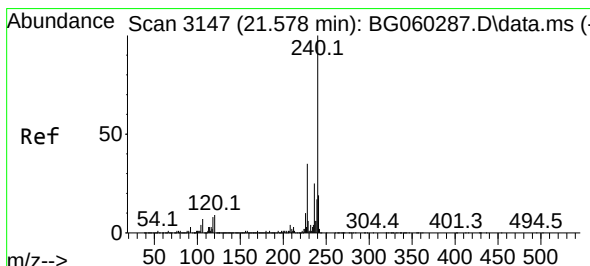
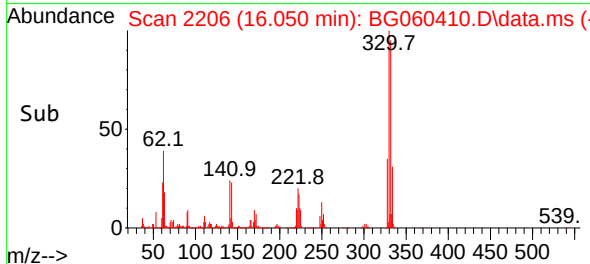
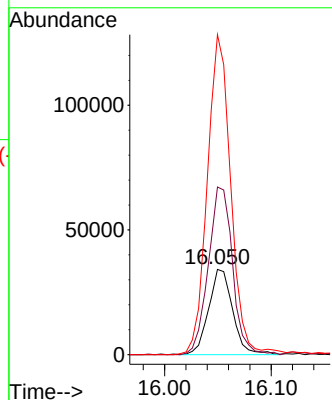
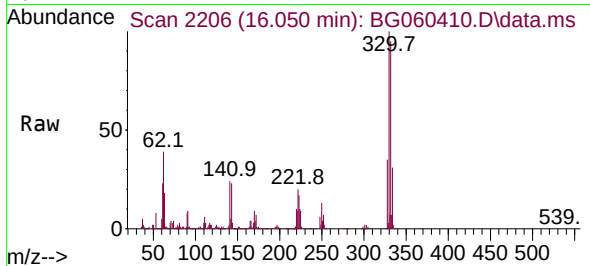




#67
4-Bromophenyl-phenylether
Concen: 3.197 ng
RT: 16.050 min Scan# 21
Delta R.T. -0.452 min
Lab File: BG060410.D
Acq: 23 Jan 2024 19:19

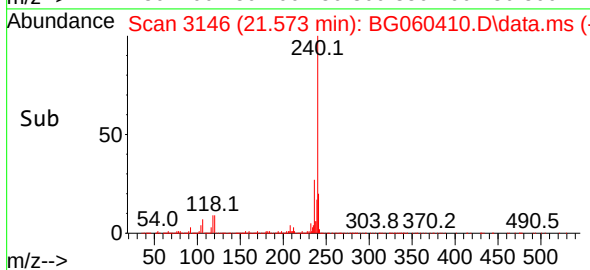
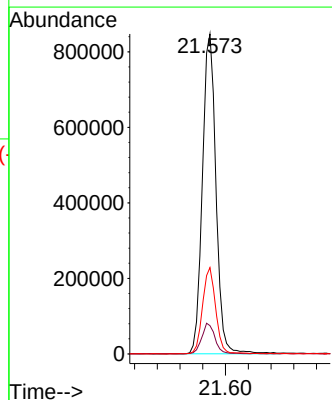
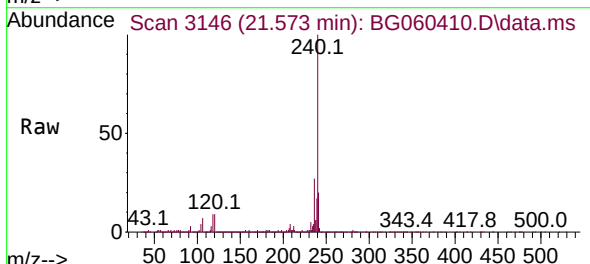
Instrument :
BNA_G
ClientSampleId :
MH-B

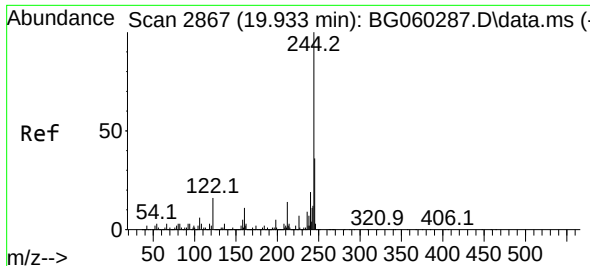
Tgt Ion:248 Resp: 53665
Ion Ratio Lower Upper
248 100
250 196.6 77.6 116.4#
141 375.2 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.573 min Scan# 3146
Delta R.T. -0.006 min
Lab File: BG060410.D
Acq: 23 Jan 2024 19:19

Tgt Ion:240 Resp: 1400384
Ion Ratio Lower Upper
240 100
120 8.8 7.3 10.9
236 27.0 20.3 30.5

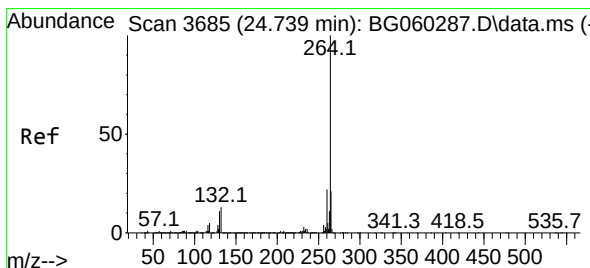
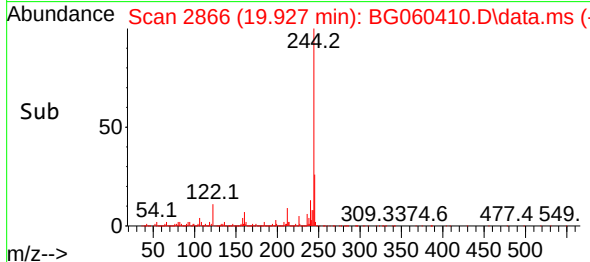
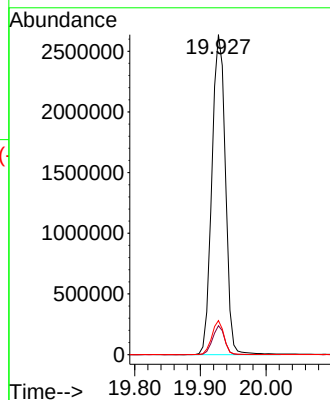
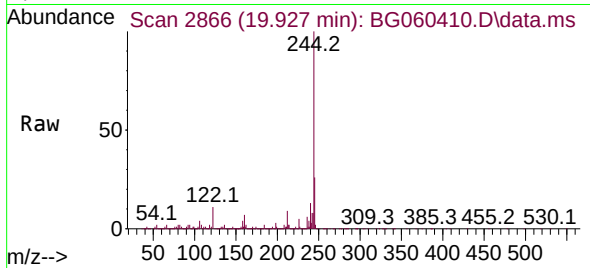




#79
 Terphenyl-d14
 Concen: 61.403 ng
 RT: 19.927 min Scan# 2866
 Delta R.T. -0.006 min
 Lab File: BG060410.D
 Acq: 23 Jan 2024 19:19

Instrument :
 BNA_G
 ClientSampleId :
 MH-B

Tgt Ion:244 Resp: 3786886
 Ion Ratio Lower Upper
 244 100
 212 9.0 10.9 16.3#
 122 10.6 12.6 18.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.733 min Scan# 3684
 Delta R.T. -0.006 min
 Lab File: BG060410.D
 Acq: 23 Jan 2024 19:19

Tgt Ion:264 Resp: 1601387
 Ion Ratio Lower Upper
 264 100
 260 23.7 17.8 26.6
 265 21.2 16.8 25.2

