

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011024\
 Data File : BG060296.D
 Acq On : 10 Jan 2024 11:34
 Operator : MA/JU
 Sample : P1067-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-A-COMP(0-8)

Quant Time: Jan 10 12:10:27 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)

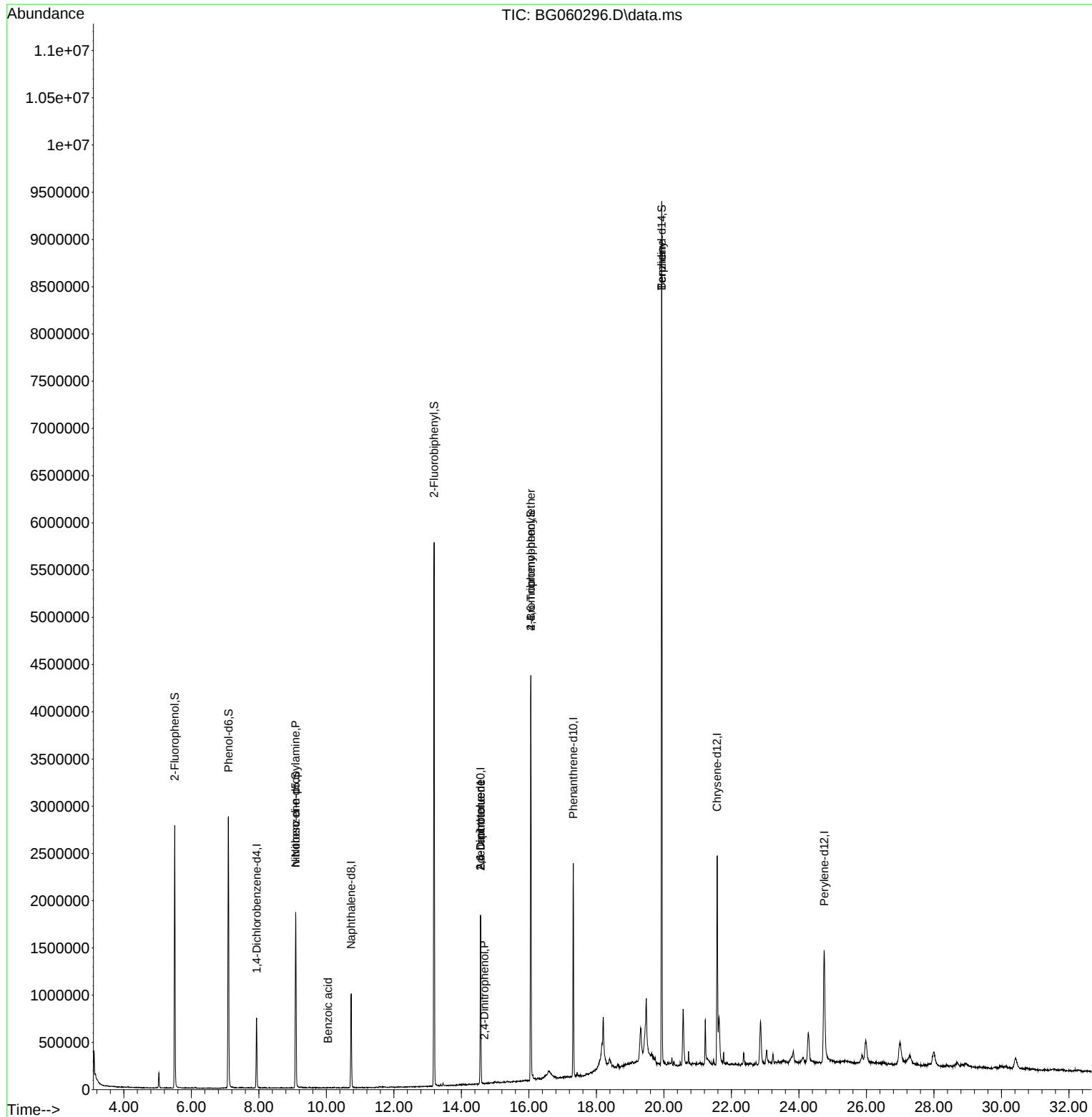
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	225927	20.000	ng	0.00
21) Naphthalene-d8	10.735	136	881479	20.000	ng	0.00
39) Acenaphthene-d10	14.566	164	638995	20.000	ng	0.00
64) Phenanthrene-d10	17.316	188	1487364	20.000	ng	0.00
76) Chrysene-d12	21.576	240	1436228	20.000	ng	0.00
86) Perylene-d12	24.748	264	1566854	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.506	112	1295944	94.347	ng	0.00
7) Phenol-d6	7.098	99	1960954	96.410	ng	0.00
23) Nitrobenzene-d5	9.090	82	1256633	67.317	ng	0.00
42) 2,4,6-Tribromophenol	16.058	330	940905	100.081	ng	0.00
45) 2-Fluorobiphenyl	13.191	172	3136888	68.252	ng	0.00
79) Terphenyl-d14	19.936	244	4420180	73.915	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.090	70	151700	10.776	ng	# 87
32) Benzoic acid	10.048	122	362	10.235	ng	# 74
51) 2,6-Dinitrotoluene	14.566	165	87539	8.401	ng	# 34
54) 2,4-Dinitrophenol	14.684	184	78	8.598	ng	# 1
57) 2,4-Dinitrotoluene	14.566	165	87539	6.127	ng	# 26
67) 4-Bromophenyl-phenylether	16.058	248	54544	3.337	ng	# 1
77) Benzidine	19.936	184	67535	2.164	ng	# 91

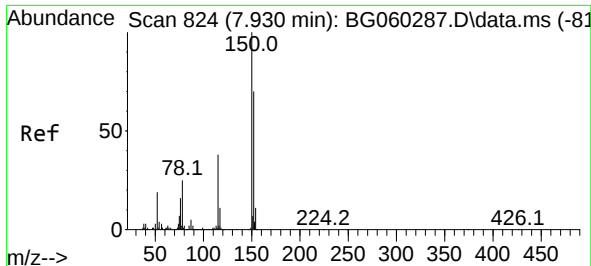
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011024\
Data File : BG060296.D
Acq On : 10 Jan 2024 11:34
Operator : MA/JU
Sample : P1067-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)

Quant Time: Jan 10 12:10:27 2024
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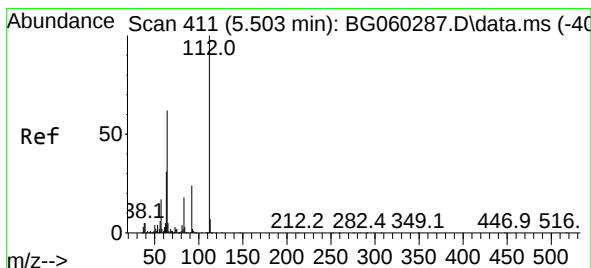
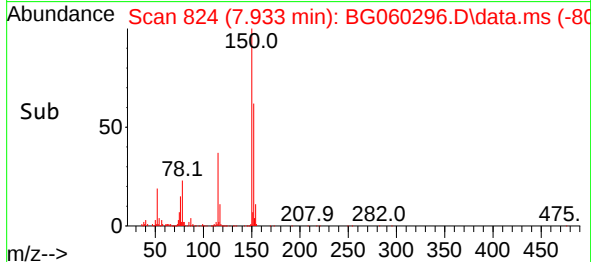
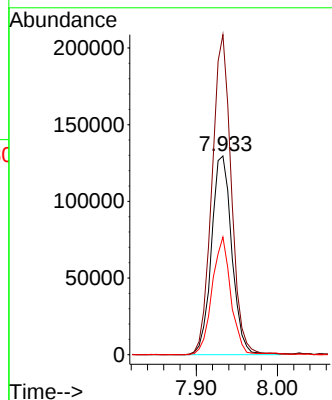
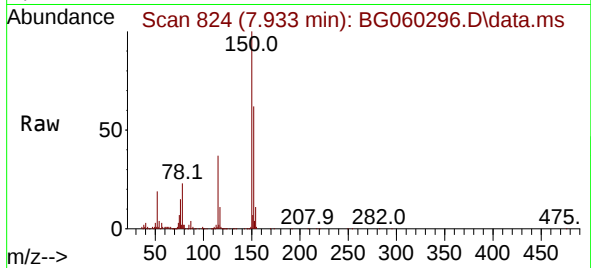




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.933 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG060296.D
Acq: 10 Jan 2024 11:34

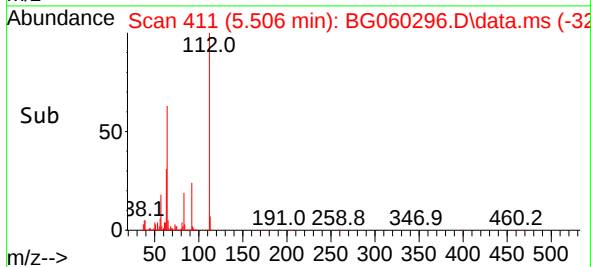
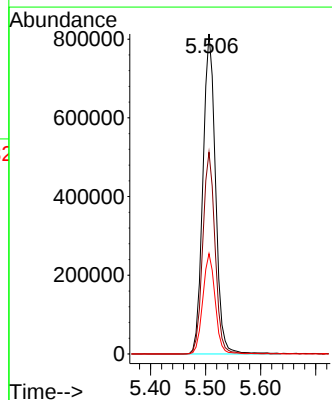
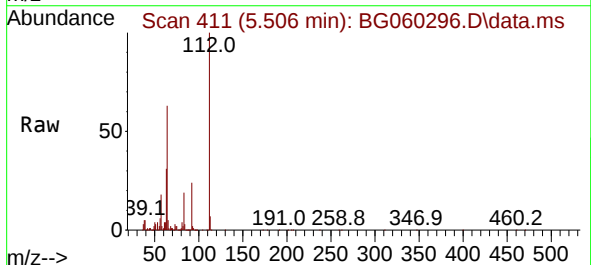
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)

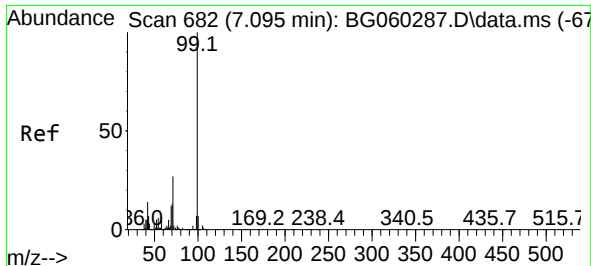
Tgt Ion:152 Resp: 225927
Ion Ratio Lower Upper
152 100
150 161.1 114.5 171.7
115 59.2 43.0 64.6



#5
2-Fluorophenol
Concen: 94.347 ng
RT: 5.506 min Scan# 411
Delta R.T. 0.003 min
Lab File: BG060296.D
Acq: 10 Jan 2024 11:34

Tgt Ion:112 Resp: 1295944
Ion Ratio Lower Upper
112 100
64 63.1 49.8 74.6
63 31.3 24.4 36.6



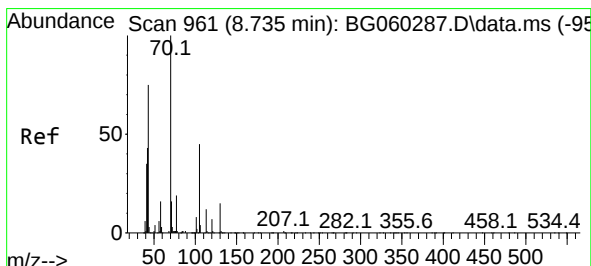
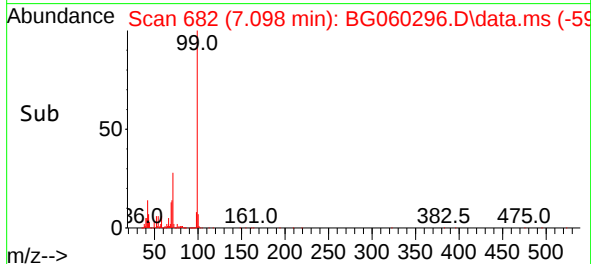
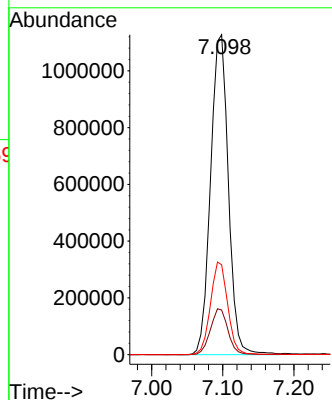
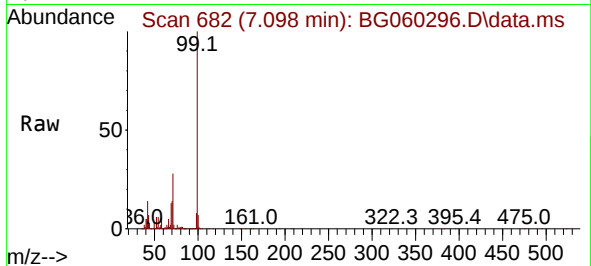


#7
Phenol-d6
Concen: 96.410 ng
RT: 7.098 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG060296.D
Acq: 10 Jan 2024 11:34

Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)

Tgt Ion: 99 Resp: 1960954

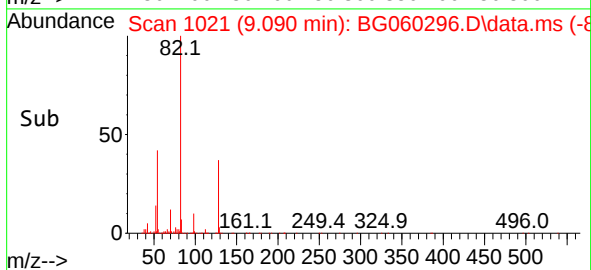
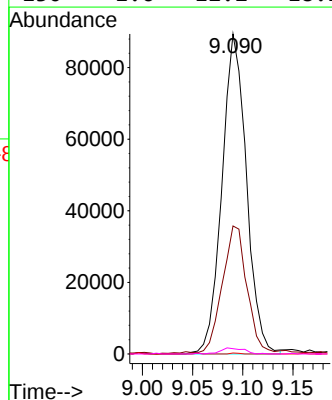
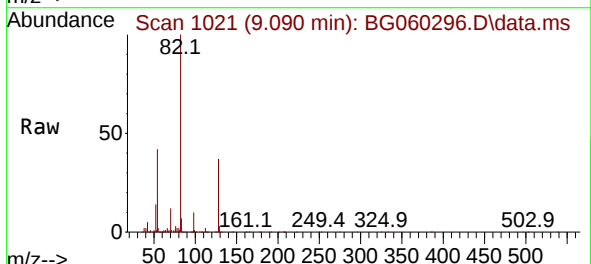
Ion	Ratio	Lower	Upper
99	100		
42	13.9	10.9	16.3
71	28.1	21.5	32.3

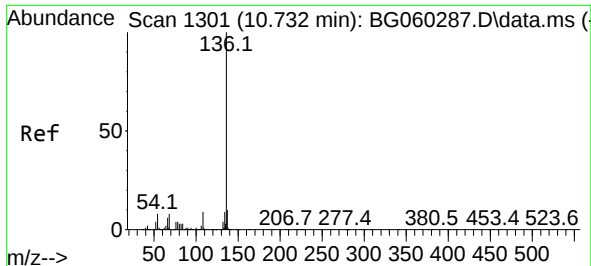


#19
n-Nitroso-di-n-propylamine
Concen: 10.776 ng
RT: 9.090 min Scan# 1021
Delta R.T. 0.356 min
Lab File: BG060296.D
Acq: 10 Jan 2024 11:34

Tgt Ion: 70 Resp: 151700

Ion	Ratio	Lower	Upper
70	100		
42	40.0	34.3	51.5
101	0.3	6.2	9.2#
130	1.6	12.2	18.2#



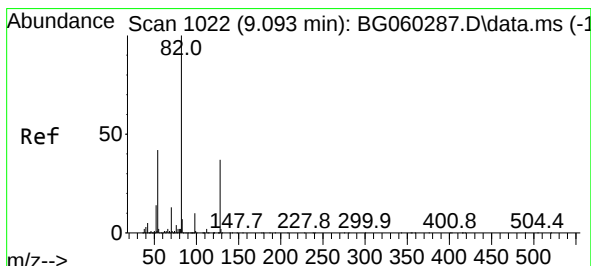
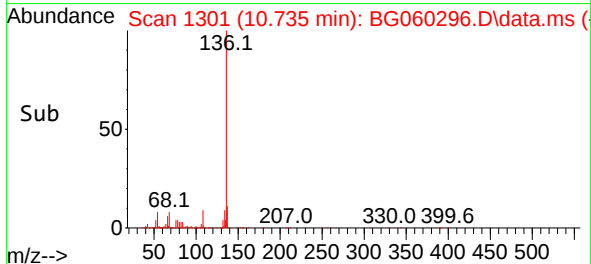
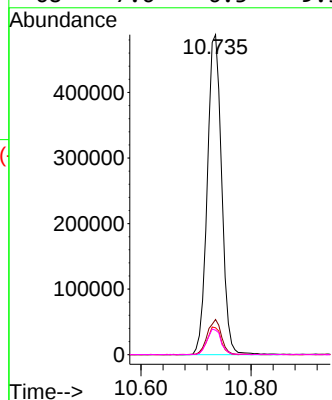
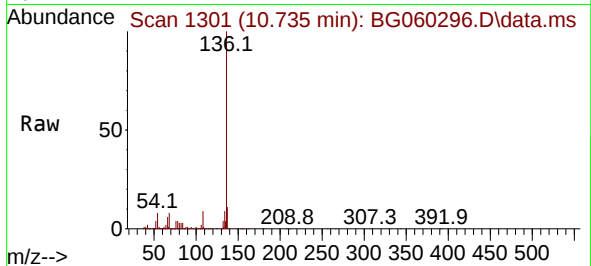


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.735 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG060296.D
Acq: 10 Jan 2024 11:34

Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)

Tgt Ion:136 Resp: 881479

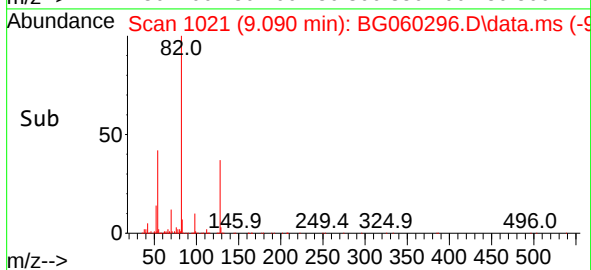
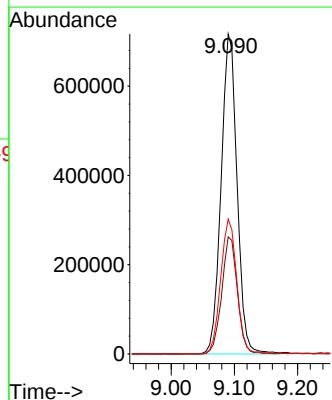
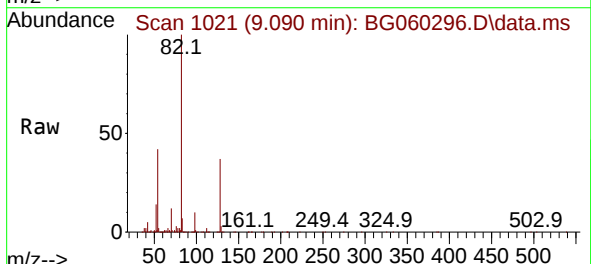
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.4
54	8.4	6.2	9.2
68	7.6	6.3	9.5

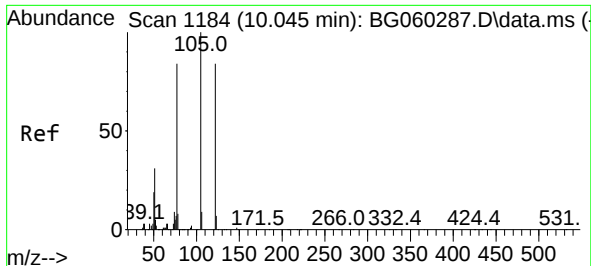


#23
Nitrobenzene-d5
Concen: 67.317 ng
RT: 9.090 min Scan# 1021
Delta R.T. -0.003 min
Lab File: BG060296.D
Acq: 10 Jan 2024 11:34

Tgt Ion: 82 Resp: 1256633

Ion	Ratio	Lower	Upper
82	100		
128	36.6	29.6	44.4
54	42.1	33.6	50.4

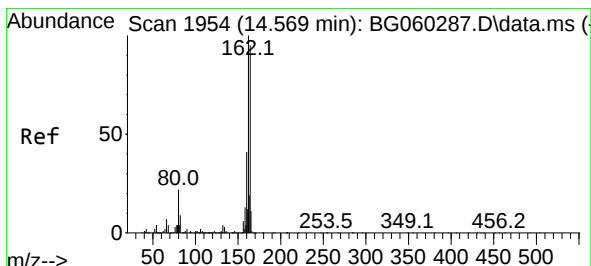
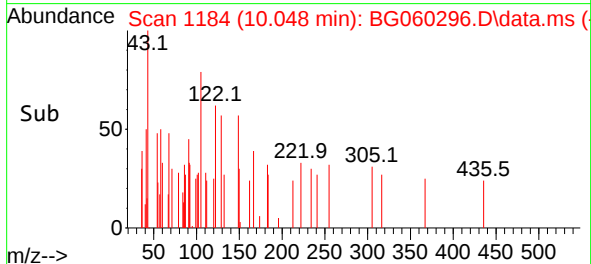
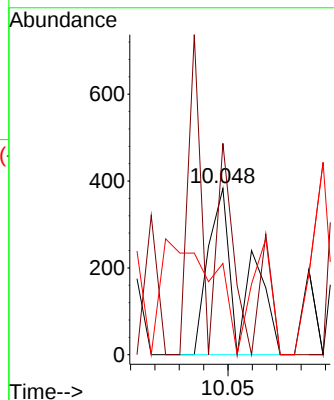
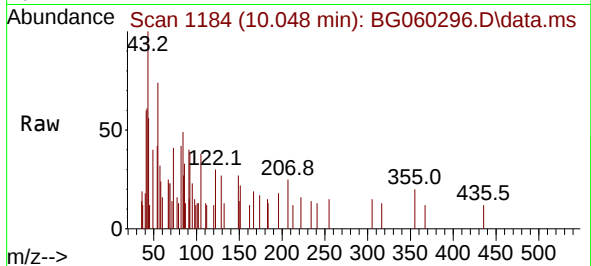




#32
Benzoic acid
Concen: 10.235 ng
RT: 10.048 min Scan# 1184
Delta R.T. 0.003 min
Lab File: BG060296.D
Acq: 10 Jan 2024 11:34

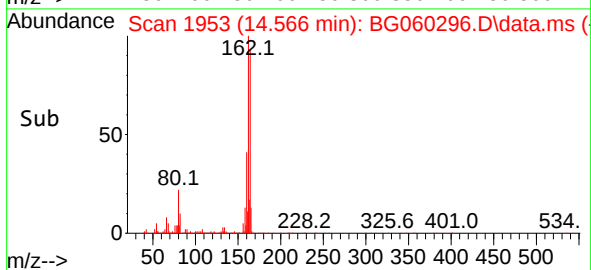
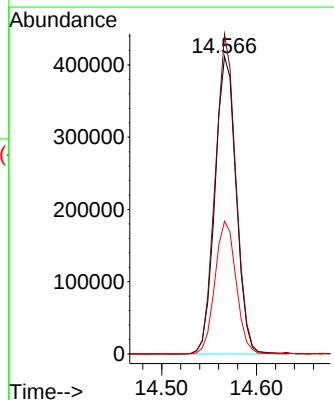
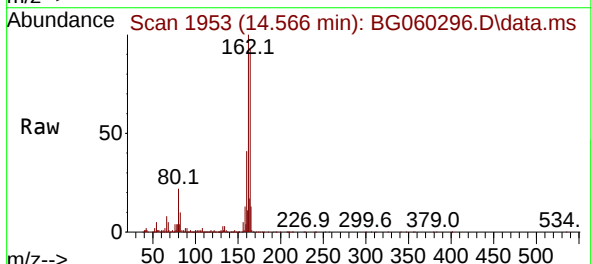
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)

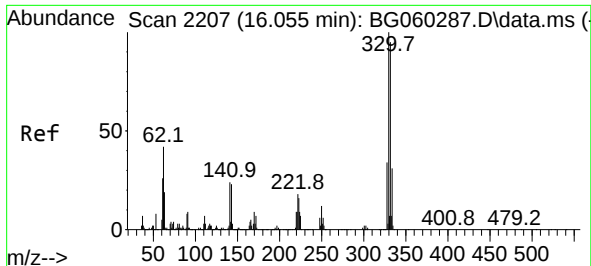
Tgt Ion:122 Resp: 362
Ion Ratio Lower Upper
122 100
105 127.2 96.0 136.0
77 54.8 80.1 120.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.566 min Scan# 1953
Delta R.T. -0.003 min
Lab File: BG060296.D
Acq: 10 Jan 2024 11:34

Tgt Ion:164 Resp: 638995
Ion Ratio Lower Upper
164 100
162 107.6 84.4 126.6
160 44.6 34.6 52.0

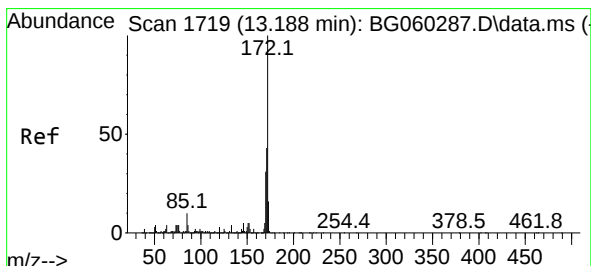
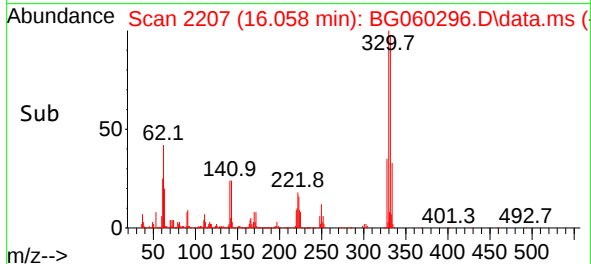
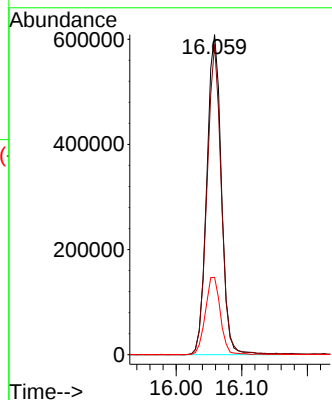
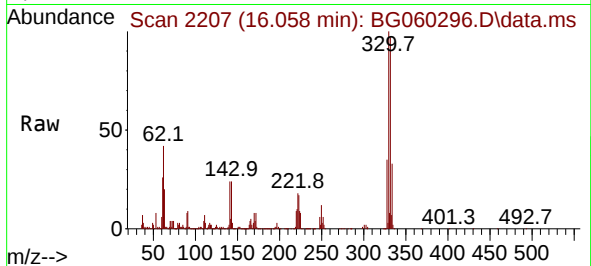




#42
2,4,6-Tribromophenol
Concen: 100.081 ng
RT: 16.058 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG060296.D
Acq: 10 Jan 2024 11:34

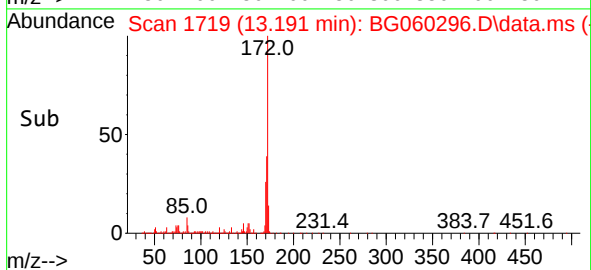
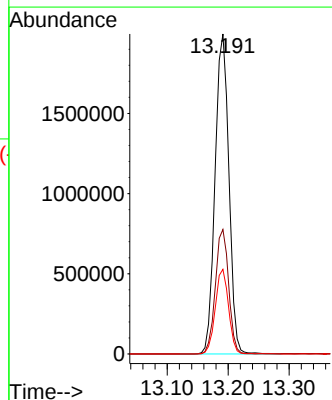
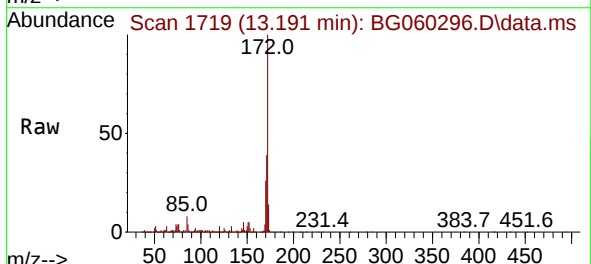
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)

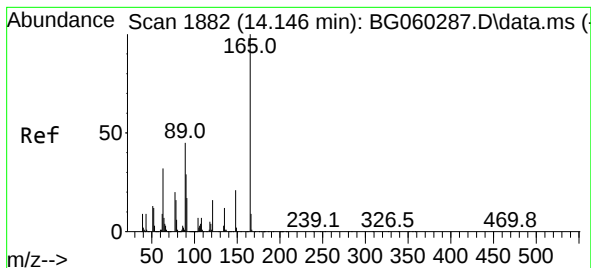
Tgt Ion:330 Resp: 940905
Ion Ratio Lower Upper
330 100
332 94.6 76.7 115.1
141 24.9 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 68.252 ng
RT: 13.191 min Scan# 1719
Delta R.T. 0.003 min
Lab File: BG060296.D
Acq: 10 Jan 2024 11:34

Tgt Ion:172 Resp: 3136888
Ion Ratio Lower Upper
172 100
171 38.9 34.6 51.8
170 26.5 24.4 36.6

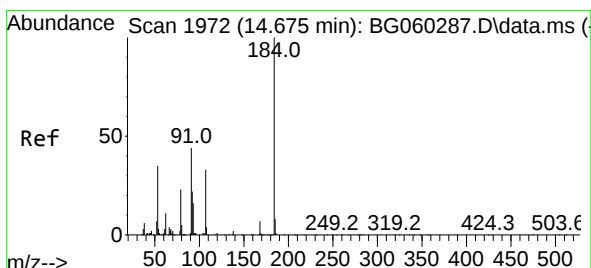
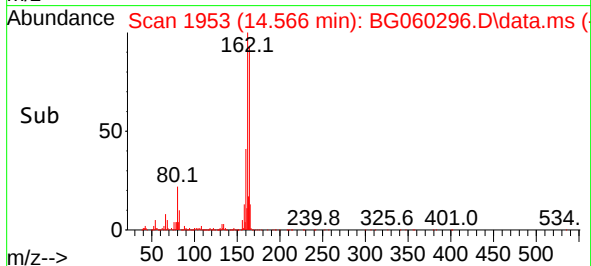
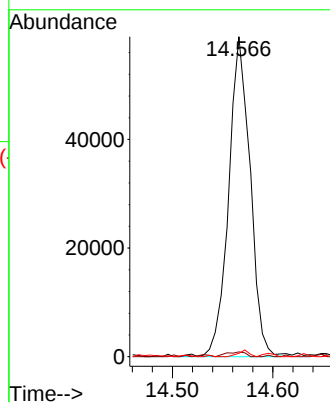
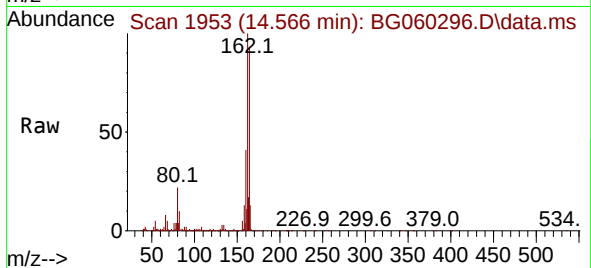




#51
2,6-Dinitrotoluene
Concen: 8.401 ng
RT: 14.566 min Scan# 1953
Delta R.T. 0.420 min
Lab File: BG060296.D
Acq: 10 Jan 2024 11:34

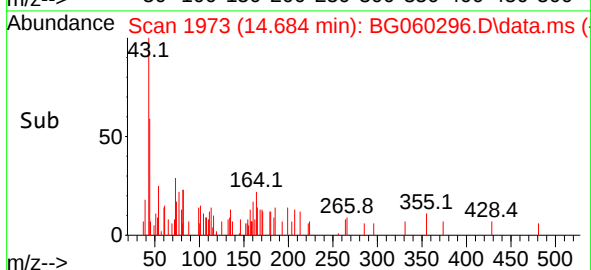
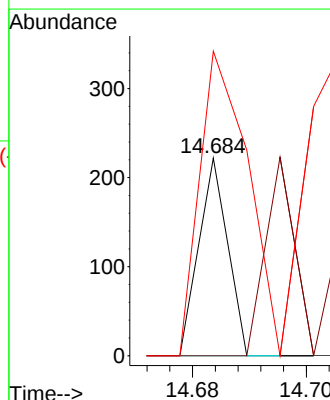
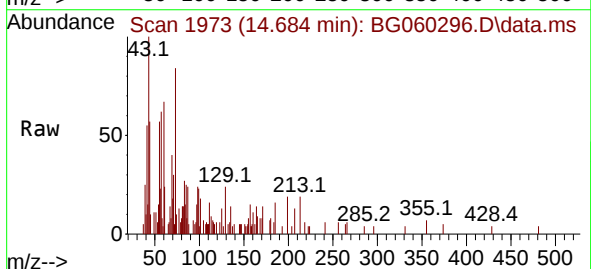
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)

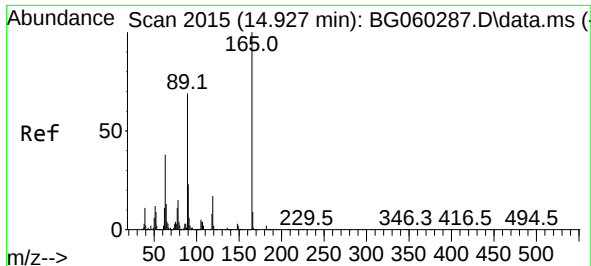
Tgt Ion:165 Resp: 87539
Ion Ratio Lower Upper
165 100
63 1.5 35.0 52.4#
89 1.0 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.598 ng
RT: 14.684 min Scan# 1973
Delta R.T. 0.009 min
Lab File: BG060296.D
Acq: 10 Jan 2024 11:34

Tgt Ion:184 Resp: 78
Ion Ratio Lower Upper
184 100
63 0.0 41.0 61.4#
154 154.1 39.2 58.8#

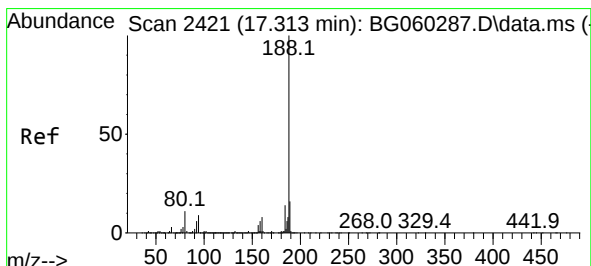
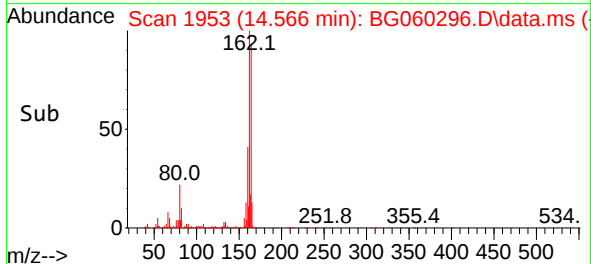
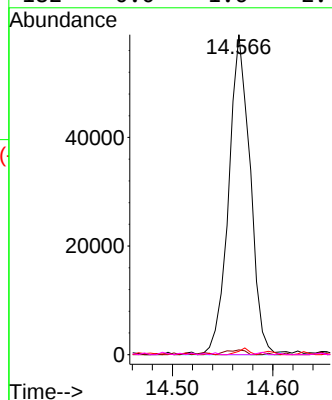
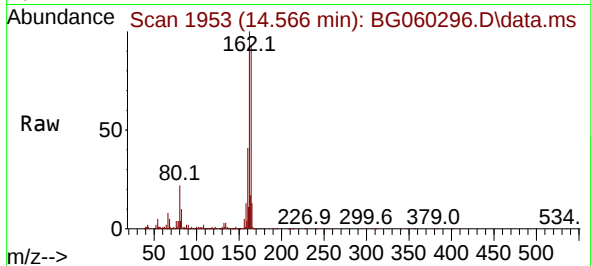




#57
2,4-Dinitrotoluene
Concen: 6.127 ng
RT: 14.566 min Scan# 1953
Delta R.T. -0.361 min
Lab File: BG060296.D
Acq: 10 Jan 2024 11:34

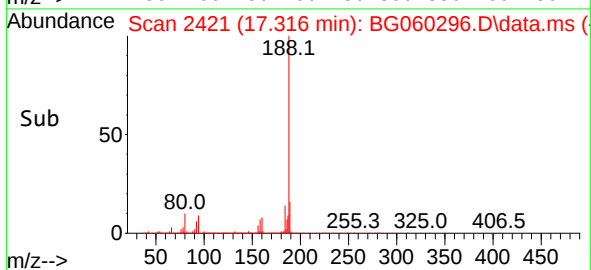
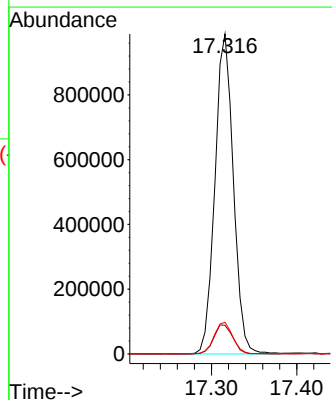
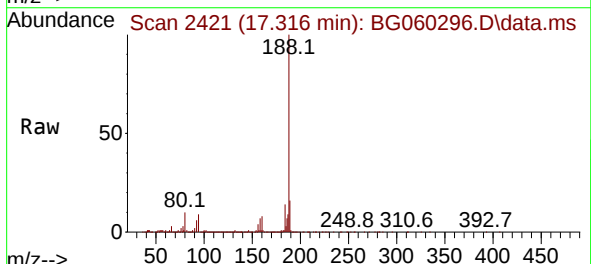
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)

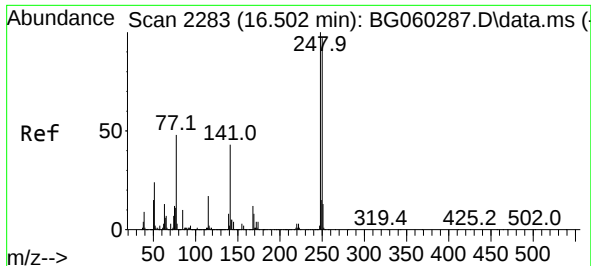
Tgt Ion:165 Resp: 87539
Ion Ratio Lower Upper
165 100
63 1.5 30.4 45.6#
89 1.0 55.4 83.0#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.316 min Scan# 2421
Delta R.T. 0.003 min
Lab File: BG060296.D
Acq: 10 Jan 2024 11:34

Tgt Ion:188 Resp: 1487364
Ion Ratio Lower Upper
188 100
94 9.0 7.1 10.7
80 9.9 8.5 12.7

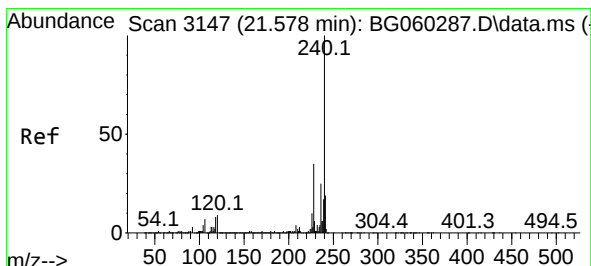
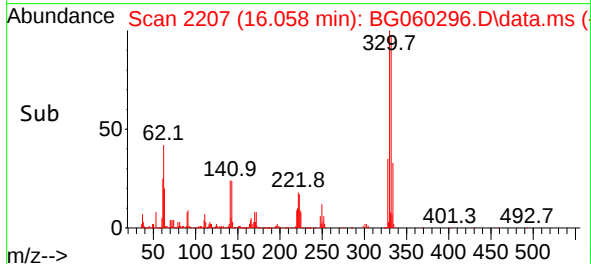
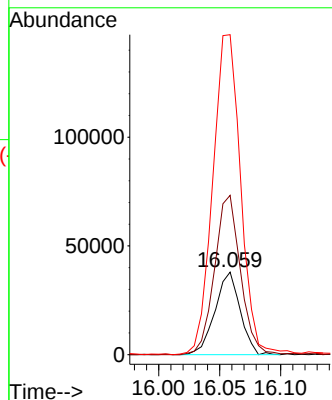
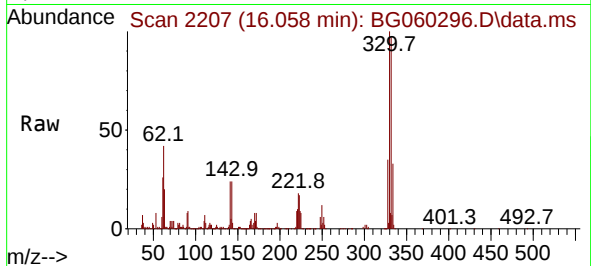




#67
4-Bromophenyl-phenylether
Concen: 3.337 ng
RT: 16.058 min Scan# 21
Delta R.T. -0.443 min
Lab File: BG060296.D
Acq: 10 Jan 2024 11:34

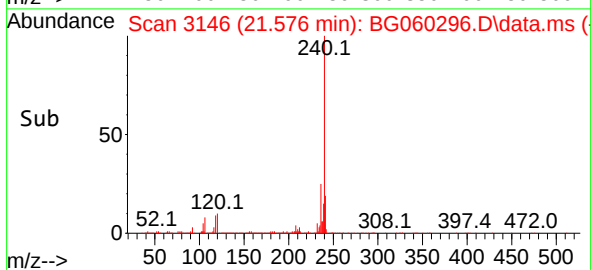
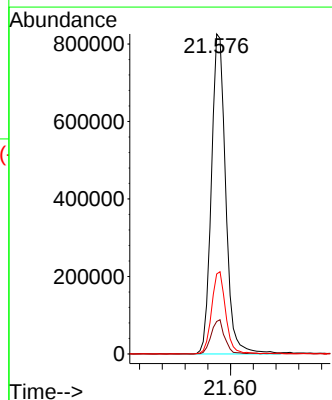
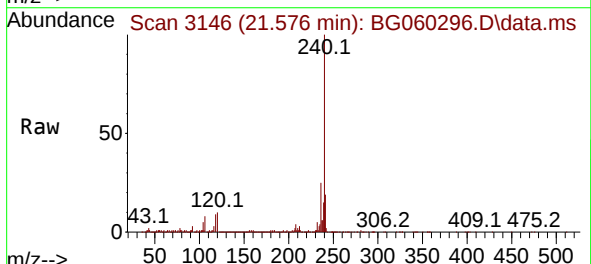
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)

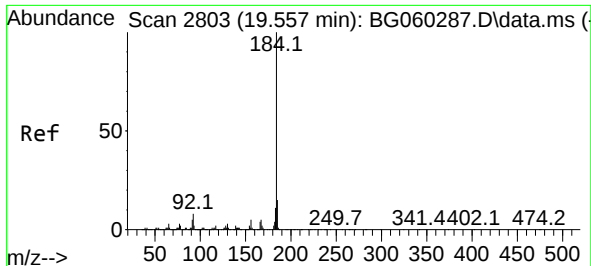
Tgt Ion:248 Resp: 54544
Ion Ratio Lower Upper
248 100
250 244.6 77.6 116.4#
141 387.4 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.576 min Scan# 3146
Delta R.T. -0.003 min
Lab File: BG060296.D
Acq: 10 Jan 2024 11:34

Tgt Ion:240 Resp: 1436228
Ion Ratio Lower Upper
240 100
120 10.1 7.3 10.9
236 25.0 20.3 30.5

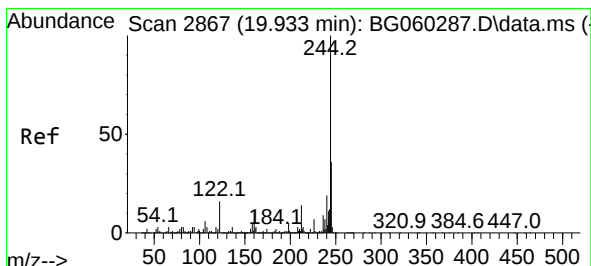
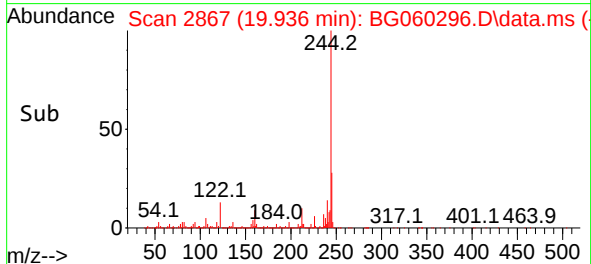
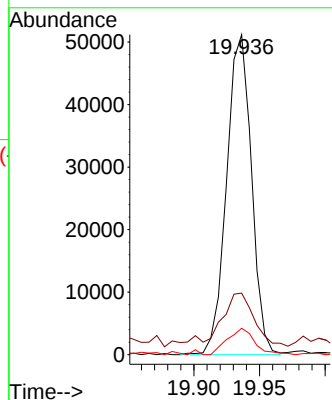
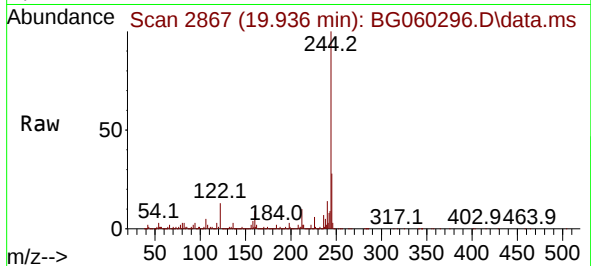




#77
Benzidine
Concen: 2.164 ng
RT: 19.936 min Scan# 21
Delta R.T. 0.379 min
Lab File: BG060296.D
Acq: 10 Jan 2024 11:34

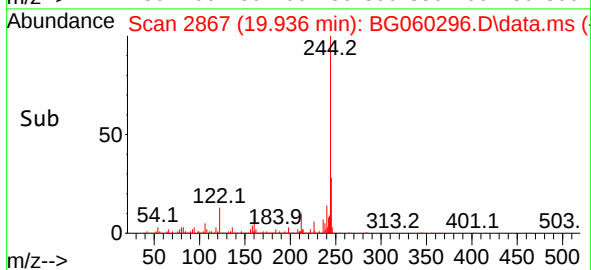
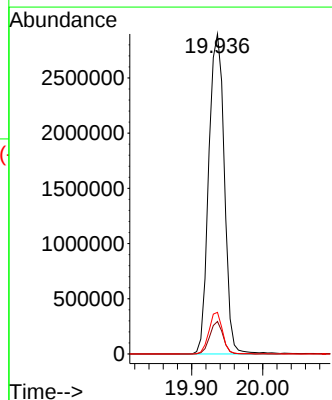
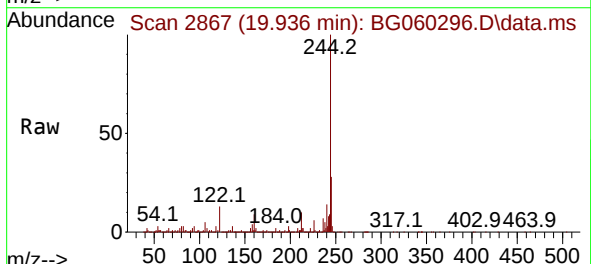
Instrument :
BNA_G
ClientSampleId :
SP-A-COMP(0-8)

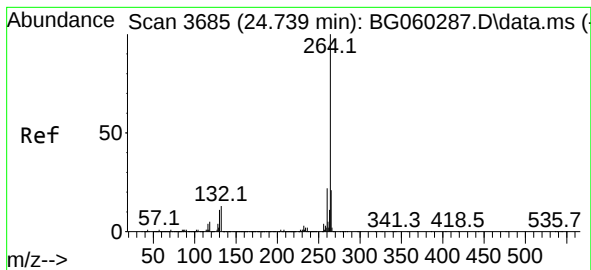
Tgt Ion:184 Resp: 67535
Ion Ratio Lower Upper
184 100
185 19.2 12.2 18.4#
183 8.3 9.0 13.4#



#79
Terphenyl-d14
Concen: 73.915 ng
RT: 19.936 min Scan# 2867
Delta R.T. 0.003 min
Lab File: BG060296.D
Acq: 10 Jan 2024 11:34

Tgt Ion:244 Resp: 4420180
Ion Ratio Lower Upper
244 100
212 10.2 10.9 16.3#
122 13.0 12.6 18.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.748 min Scan# 30

Delta R.T. 0.009 min

Lab File: BG060296.D

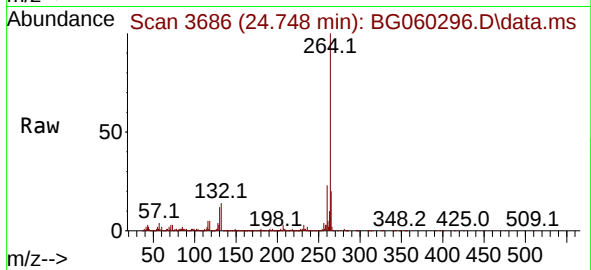
Acq: 10 Jan 2024 11:34

Instrument :

BNA_G

ClientSampleId :

SP-A-COMP(0-8)



Tgt Ion:264 Resp: 1566854

Ion Ratio Lower Upper

264 100

260 23.2 17.8 26.6

265 19.8 16.8 25.2

