

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
 Data File : BG060202.D
 Acq On : 2 Jan 2024 19:52
 Operator : MA/JU
 Sample : 05899-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 03 00:41:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 30 03:14:04 2023
 Response via : Initial Calibration

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

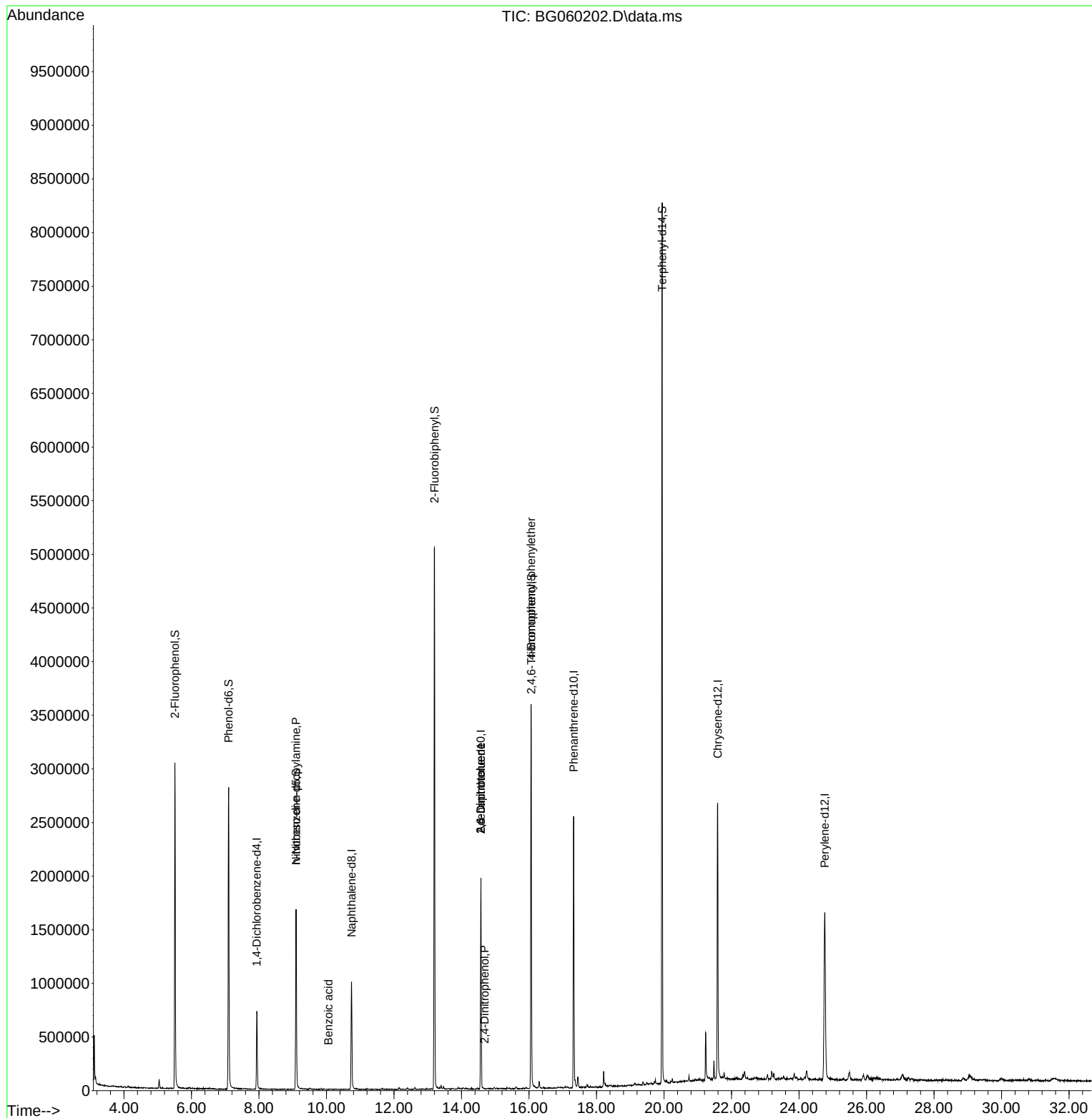
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	224846	20.000	ng	0.00
21) Naphthalene-d8	10.743	136	925125	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	692158	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	1700209	20.000	ng	0.00
76) Chrysene-d12	21.590	240	1597066	20.000	ng	0.00
86) Perylene-d12	24.762	264	1753371	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	1408193	94.529	ng	0.00
7) Phenol-d6	7.101	99	1848721	83.582	ng	0.00
23) Nitrobenzene-d5	9.098	82	1134790	56.658	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	759510	81.974	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	2860296	59.392	ng	0.00
79) Terphenyl-d14	19.944	244	4120316	49.599	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.098	70	136096	9.007	ng	# 88
32) Benzoic acid	10.056	122	53	10.275	ng	# 1
51) 2,6-Dinitrotoluene	14.574	165	92962	8.363	ng	# 29
54) 2,4-Dinitrophenol	14.686	184	129	8.254	ng	# 25
57) 2,4-Dinitrotoluene	14.574	165	92962	6.151	ng	# 27
67) 4-Bromophenyl-phenylether	16.061	248	44571	2.473	ng	# 1

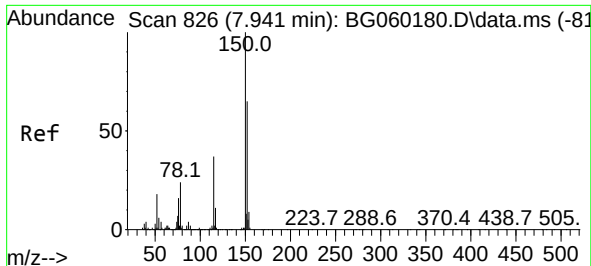
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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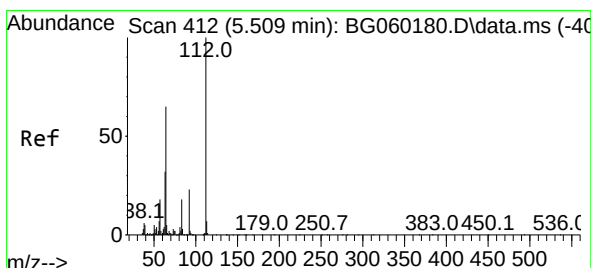
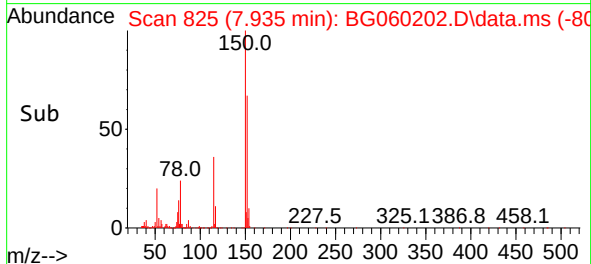
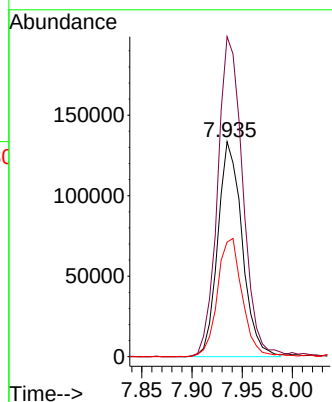
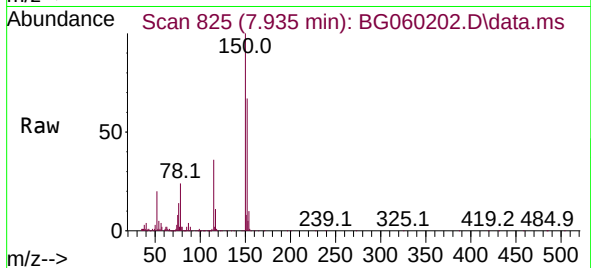




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060202.D
Acq: 2 Jan 2024 19:52

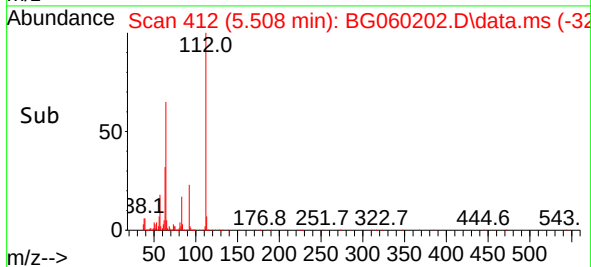
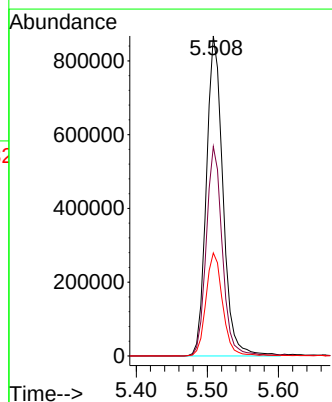
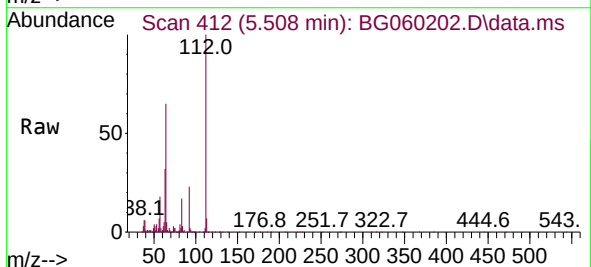
Instrument :
BNA_G
ClientSampleId :

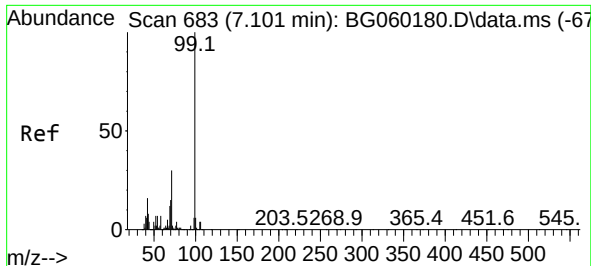
Tgt Ion:152 Resp: 224846
Ion Ratio Lower Upper
152 100
150 148.8 123.4 185.0
115 53.3 45.4 68.0



#5
2-Fluorophenol
Concen: 94.529 ng
RT: 5.508 min Scan# 412
Delta R.T. -0.000 min
Lab File: BG060202.D
Acq: 2 Jan 2024 19:52

Tgt Ion:112 Resp: 1408193
Ion Ratio Lower Upper
112 100
64 65.5 52.2 78.4
63 32.2 25.4 38.0

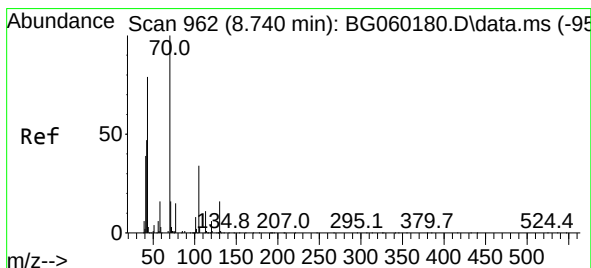
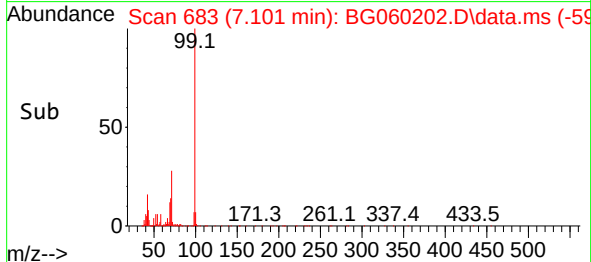
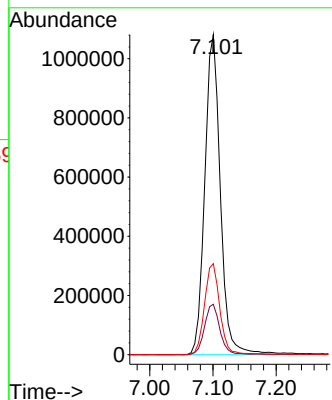
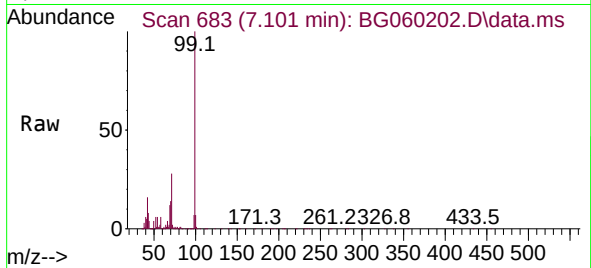




#7
Phenol-d6
Concen: 83.582 ng
RT: 7.101 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG060202.D
Acq: 2 Jan 2024 19:52

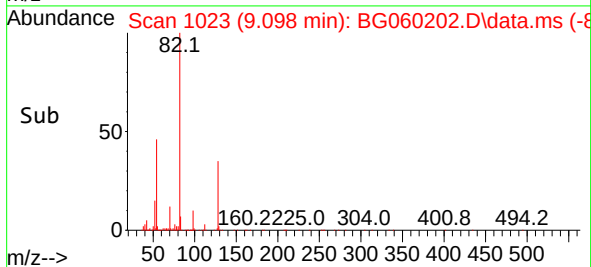
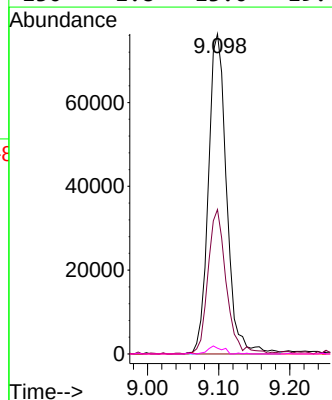
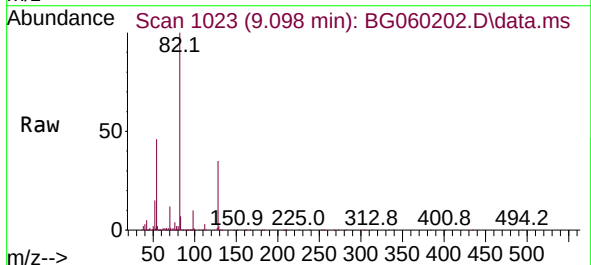
Instrument :
BNA_G
ClientSampleId :

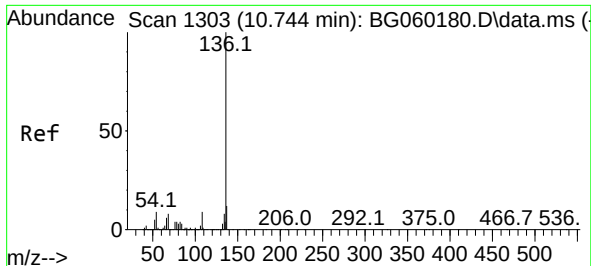
Tgt Ion: 99 Resp: 1848721
Ion Ratio Lower Upper
99 100
42 15.8 12.5 18.7
71 28.4 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 9.007 ng
RT: 9.098 min Scan# 1023
Delta R.T. 0.358 min
Lab File: BG060202.D
Acq: 2 Jan 2024 19:52

Tgt Ion: 70 Resp: 136096
Ion Ratio Lower Upper
70 100
42 45.1 37.9 56.9
101 0.0 6.2 9.2#
130 1.8 13.0 19.4#

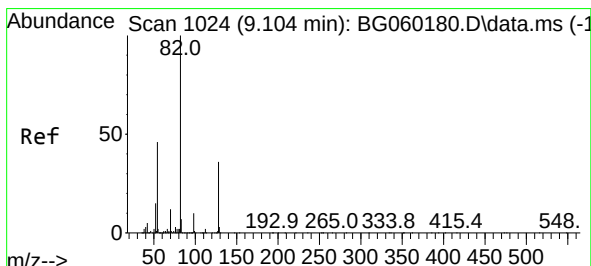
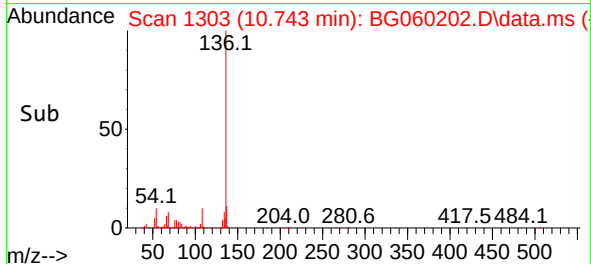
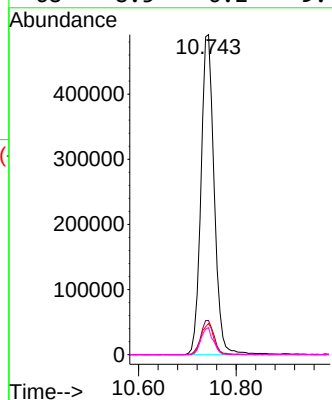
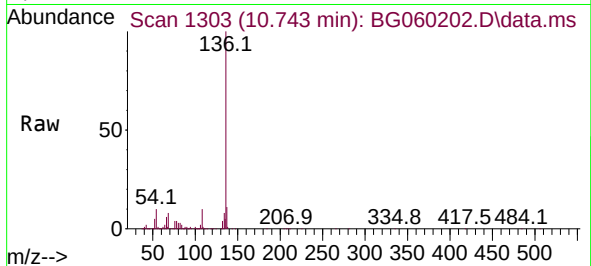




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG060202.D
Acq: 2 Jan 2024 19:52

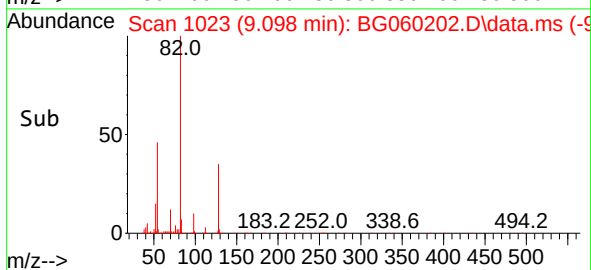
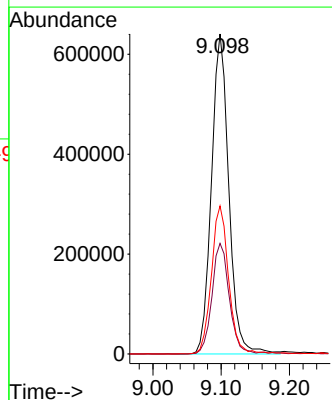
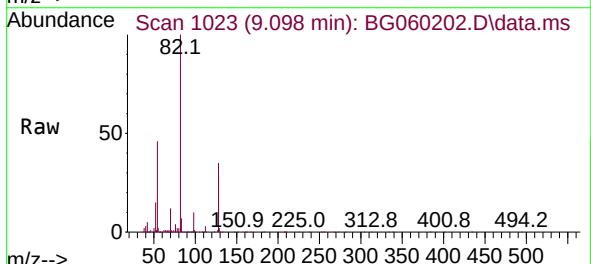
Instrument :
BNA_G
ClientSampleId :

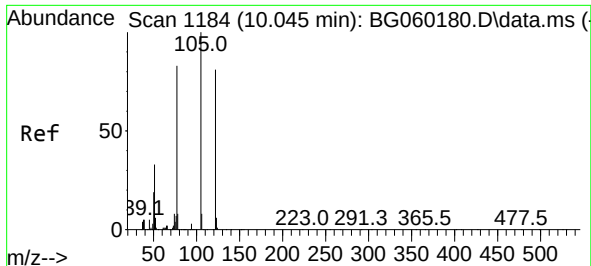
Tgt Ion:	136	Resp:	925125
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.4	14.0
54	9.8	7.4	11.2
68	8.5	6.2	9.4



#23
Nitrobenzene-d5
Concen: 56.658 ng
RT: 9.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BG060202.D
Acq: 2 Jan 2024 19:52

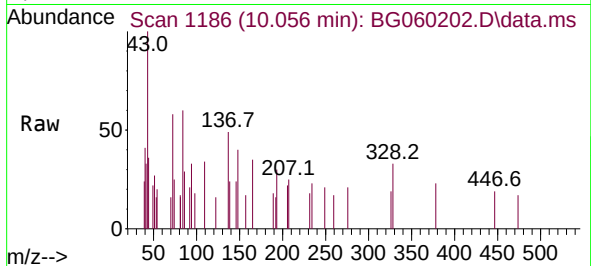
Tgt Ion:	82	Resp:	1134790
Ion	Ratio	Lower	Upper
82	100		
128	34.6	28.7	43.1
54	46.2	36.9	55.3



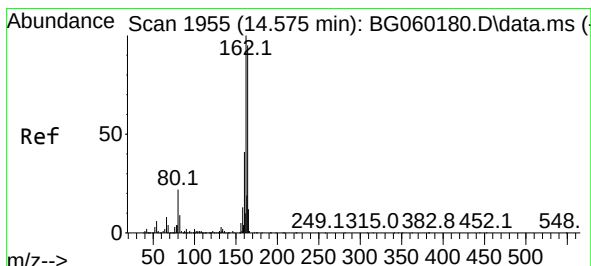
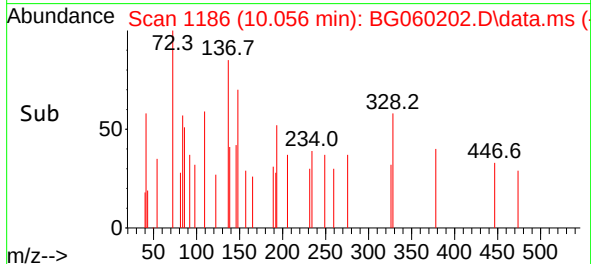
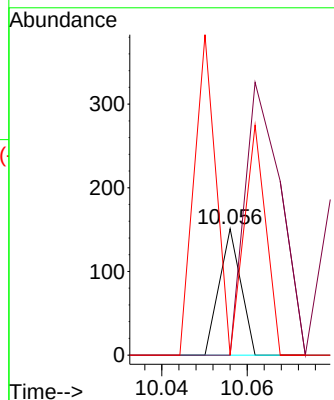


#32
Benzoic acid
Concen: 10.275 ng
RT: 10.056 min Scan# 1184
Delta R.T. 0.011 min
Lab File: BG060202.D
Acq: 2 Jan 2024 19:52

Instrument :
BNA_G
ClientSampleId :

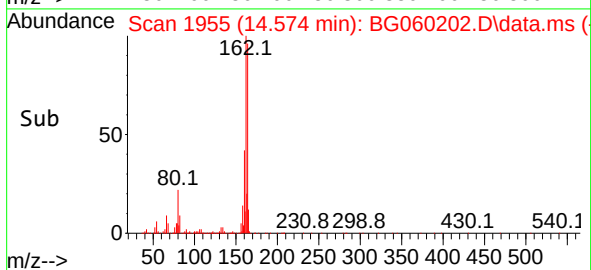
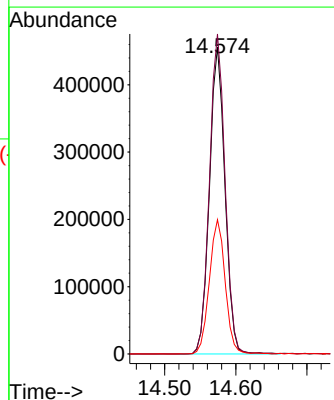
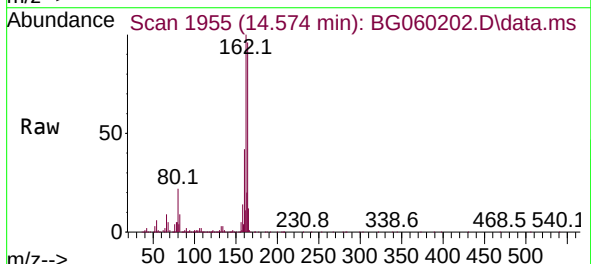


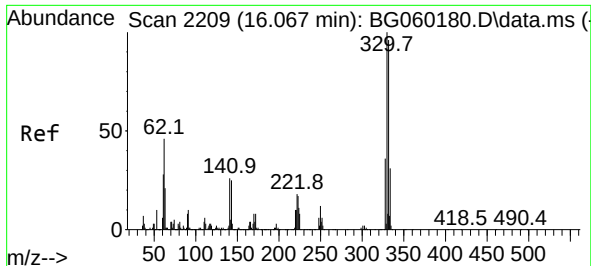
Tgt Ion:122 Resp: 53
Ion Ratio Lower Upper
122 100
105 0.0 99.2 139.2#
77 0.0 81.0 121.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.000 min
Lab File: BG060202.D
Acq: 2 Jan 2024 19:52

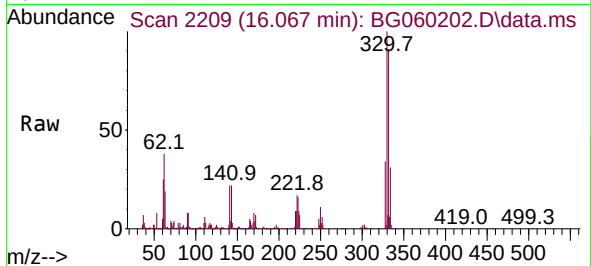
Tgt Ion:164 Resp: 692158
Ion Ratio Lower Upper
164 100
162 104.2 83.9 125.9
160 43.7 34.2 51.4



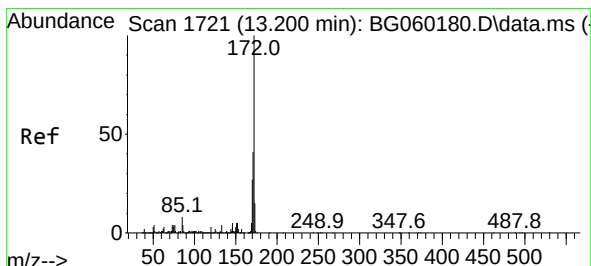
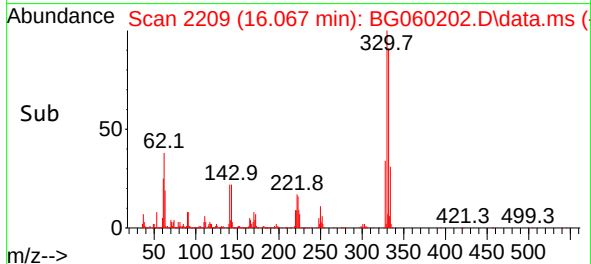
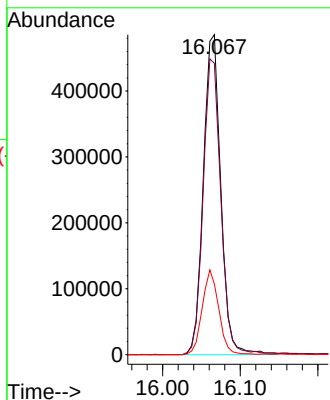


#42
2,4,6-Tribromophenol
Concen: 81.974 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG060202.D
Acq: 2 Jan 2024 19:52

Instrument :
BNA_G
ClientSampleId :

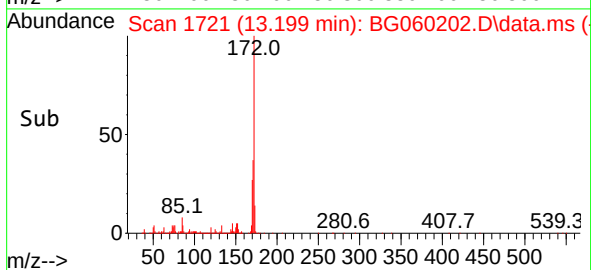
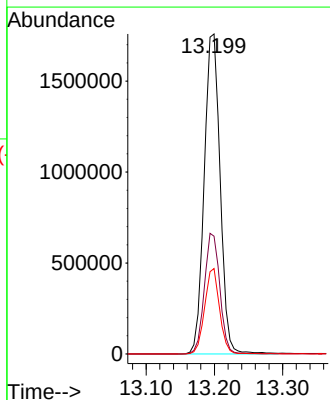
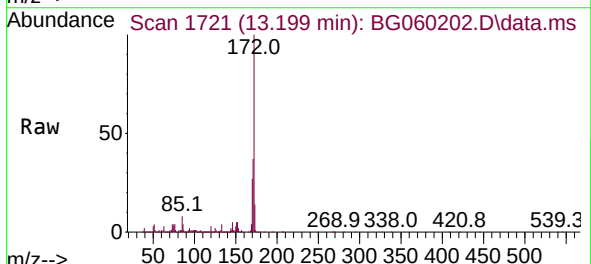


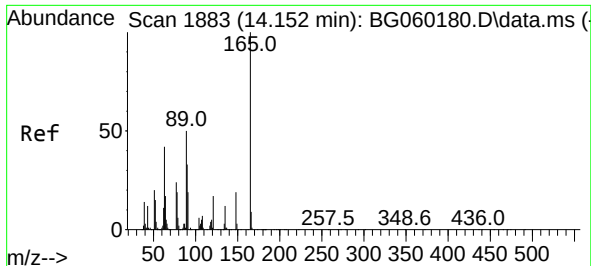
Tgt Ion:330 Resp: 759510
Ion Ratio Lower Upper
330 100
332 93.5 76.7 115.1
141 24.9 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 59.392 ng
RT: 13.199 min Scan# 1721
Delta R.T. -0.000 min
Lab File: BG060202.D
Acq: 2 Jan 2024 19:52

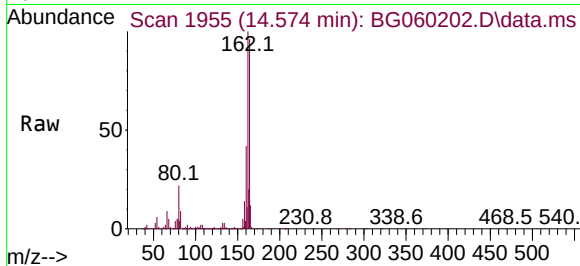
Tgt Ion:172 Resp: 2860296
Ion Ratio Lower Upper
172 100
171 36.8 32.6 48.8
170 26.7 21.8 32.6



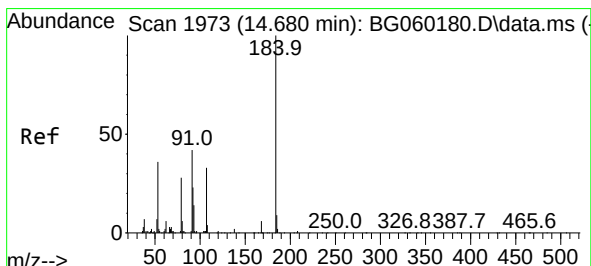
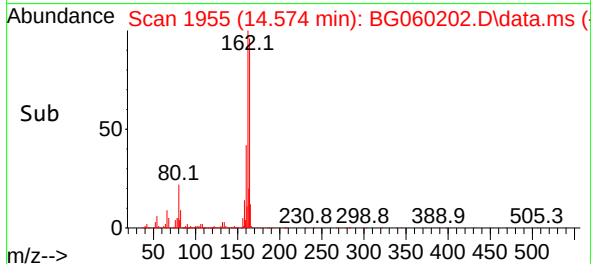
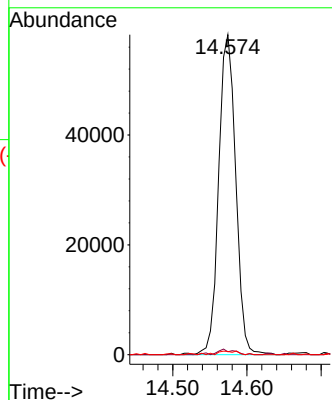


#51
2,6-Dinitrotoluene
Concen: 8.363 ng
RT: 14.574 min Scan# 1955
Delta R.T. 0.423 min
Lab File: BG060202.D
Acq: 2 Jan 2024 19:52

Instrument :
BNA_G
ClientSampleId :

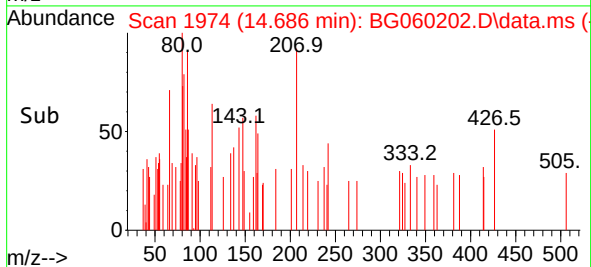
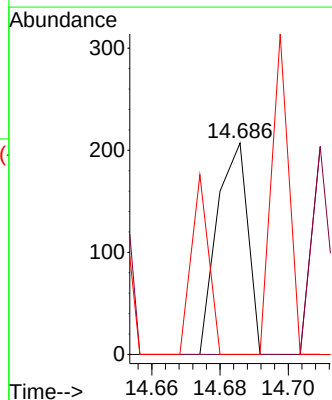
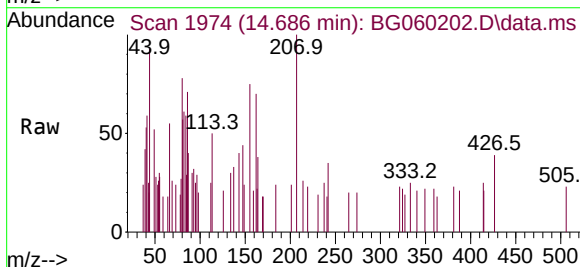


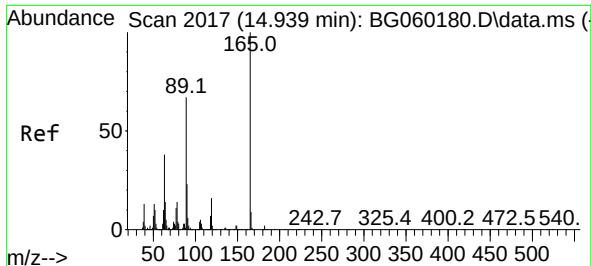
Tgt Ion:165 Resp: 92962
Ion Ratio Lower Upper
165 100
63 0.9 39.3 58.9#
89 1.0 39.8 59.8#



#54
2,4-Dinitrophenol
Concen: 8.254 ng
RT: 14.686 min Scan# 1974
Delta R.T. 0.006 min
Lab File: BG060202.D
Acq: 2 Jan 2024 19:52

Tgt Ion:184 Resp: 129
Ion Ratio Lower Upper
184 100
63 0.0 45.4 68.2#
154 0.0 40.0 60.0#





#57

2,4-Dinitrotoluene

Concen: 6.151 ng

RT: 14.574 min Scan# 1955

Delta R.T. -0.365 min

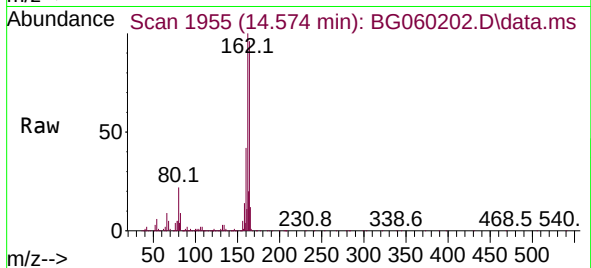
Lab File: BG060202.D

Acq: 2 Jan 2024 19:52

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 92962

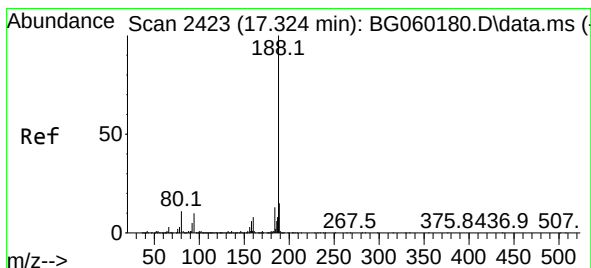
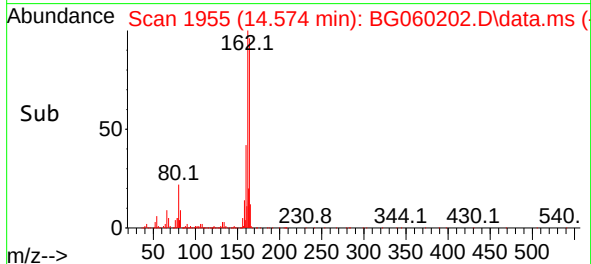
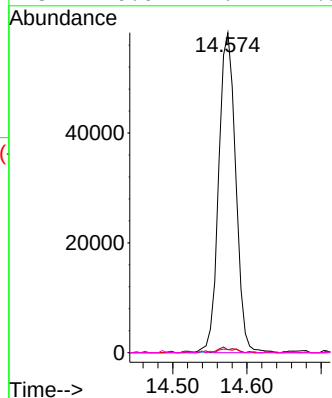
Ion Ratio Lower Upper

165 100

63 0.9 31.0 46.6#

89 1.0 53.3 79.9#

182 0.0 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.324 min Scan# 2423

Delta R.T. -0.000 min

Lab File: BG060202.D

Acq: 2 Jan 2024 19:52

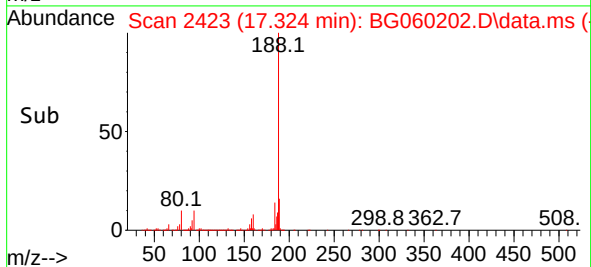
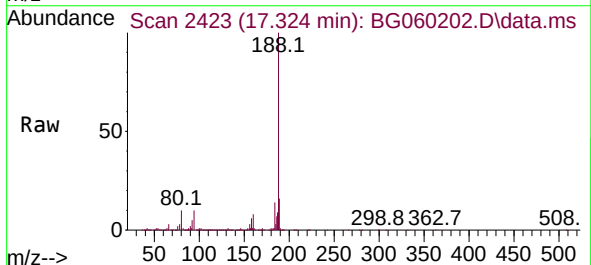
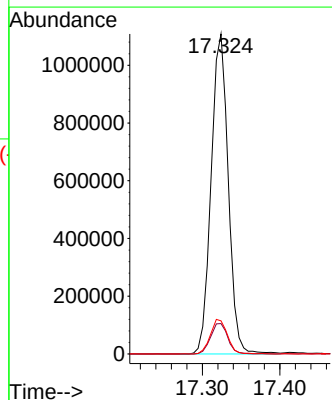
Tgt Ion:188 Resp: 1700209

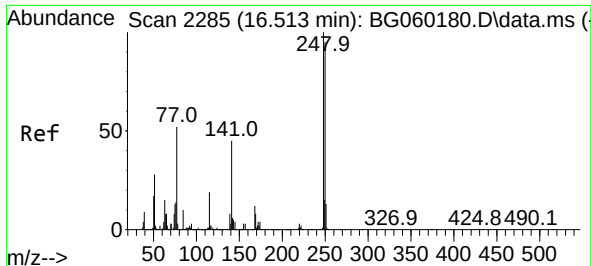
Ion Ratio Lower Upper

188 100

94 9.5 7.8 11.6

80 10.4 8.6 13.0

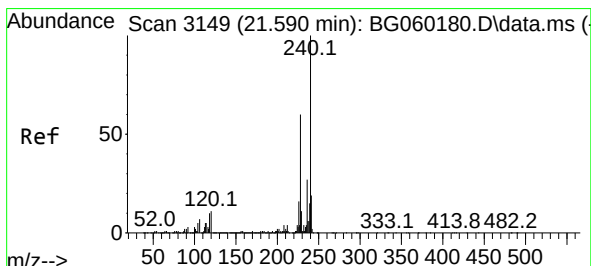
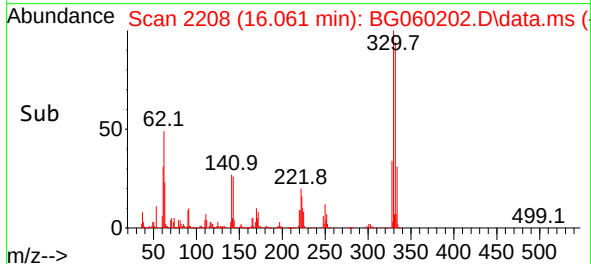
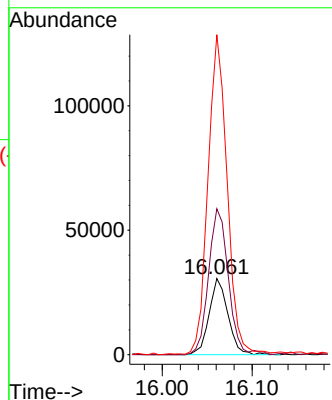
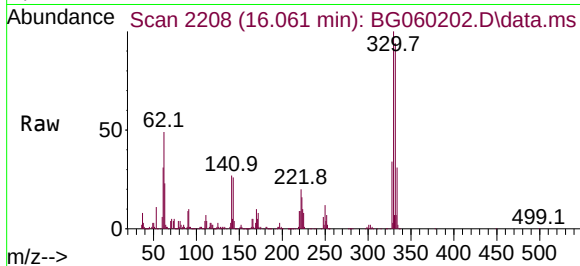




#67
4-Bromophenyl-phenylether
Concen: 2.473 ng
RT: 16.061 min Scan# 21
Delta R.T. -0.453 min
Lab File: BG060202.D
Acq: 2 Jan 2024 19:52

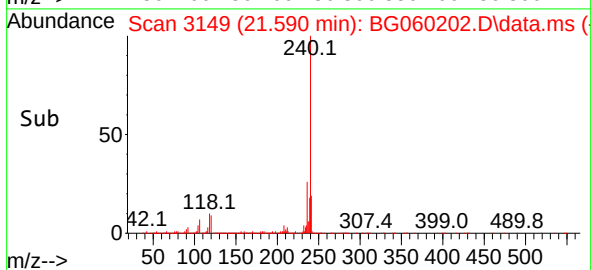
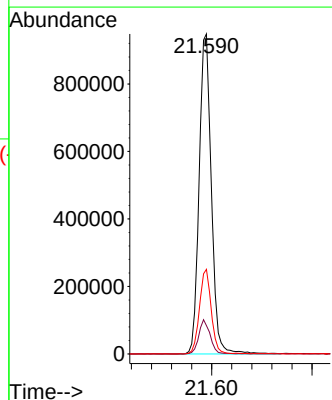
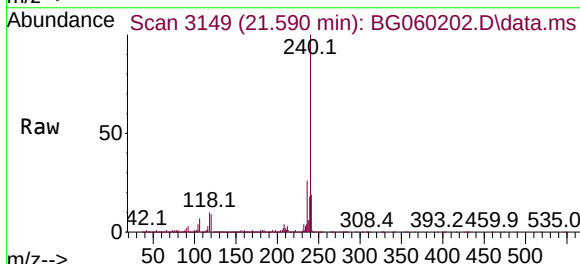
Instrument :
BNA_G
ClientSampleId :

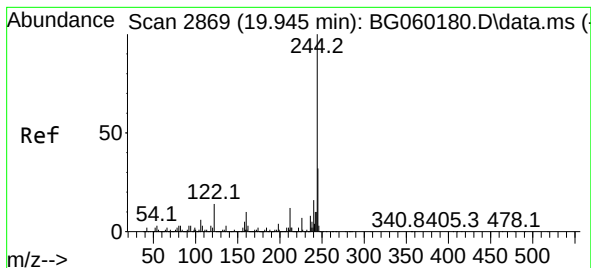
Tgt Ion:248 Resp: 44571
Ion Ratio Lower Upper
248 100
250 191.4 76.2 114.4#
141 419.8 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.590 min Scan# 3149
Delta R.T. -0.000 min
Lab File: BG060202.D
Acq: 2 Jan 2024 19:52

Tgt Ion:240 Resp: 1597066
Ion Ratio Lower Upper
240 100
120 8.8 8.5 12.7
236 26.4 21.4 32.2





#79

Terphenyl-d14

Concen: 49.599 ng

RT: 19.944 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG060202.D

Acq: 2 Jan 2024 19:52

Instrument :

BNA_G

ClientSampleId :

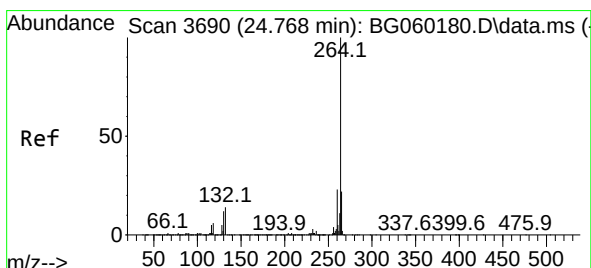
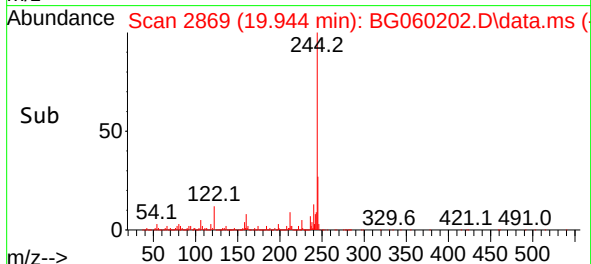
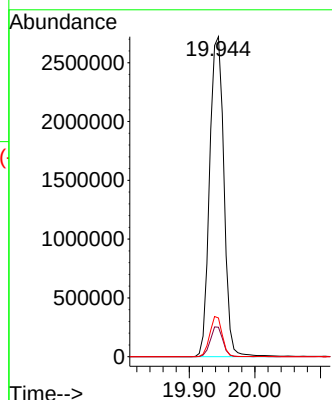
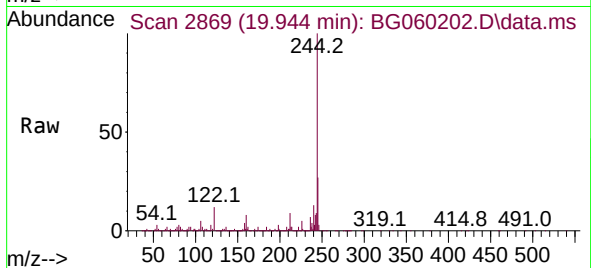
Tgt Ion:244 Resp: 4120316

Ion Ratio Lower Upper

244 100

212 9.2 9.5 14.3#

122 12.1 11.4 17.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.762 min Scan# 3689

Delta R.T. -0.006 min

Lab File: BG060202.D

Acq: 2 Jan 2024 19:52

Tgt Ion:264 Resp: 1753371

Ion Ratio Lower Upper

264 100

260 22.5 18.0 27.0

265 20.7 17.4 26.0

