

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
 Data File : BG060206.D
 Acq On : 2 Jan 2024 23:54
 Operator : MA/JU
 Sample : 05909-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 03 01:13:29 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)

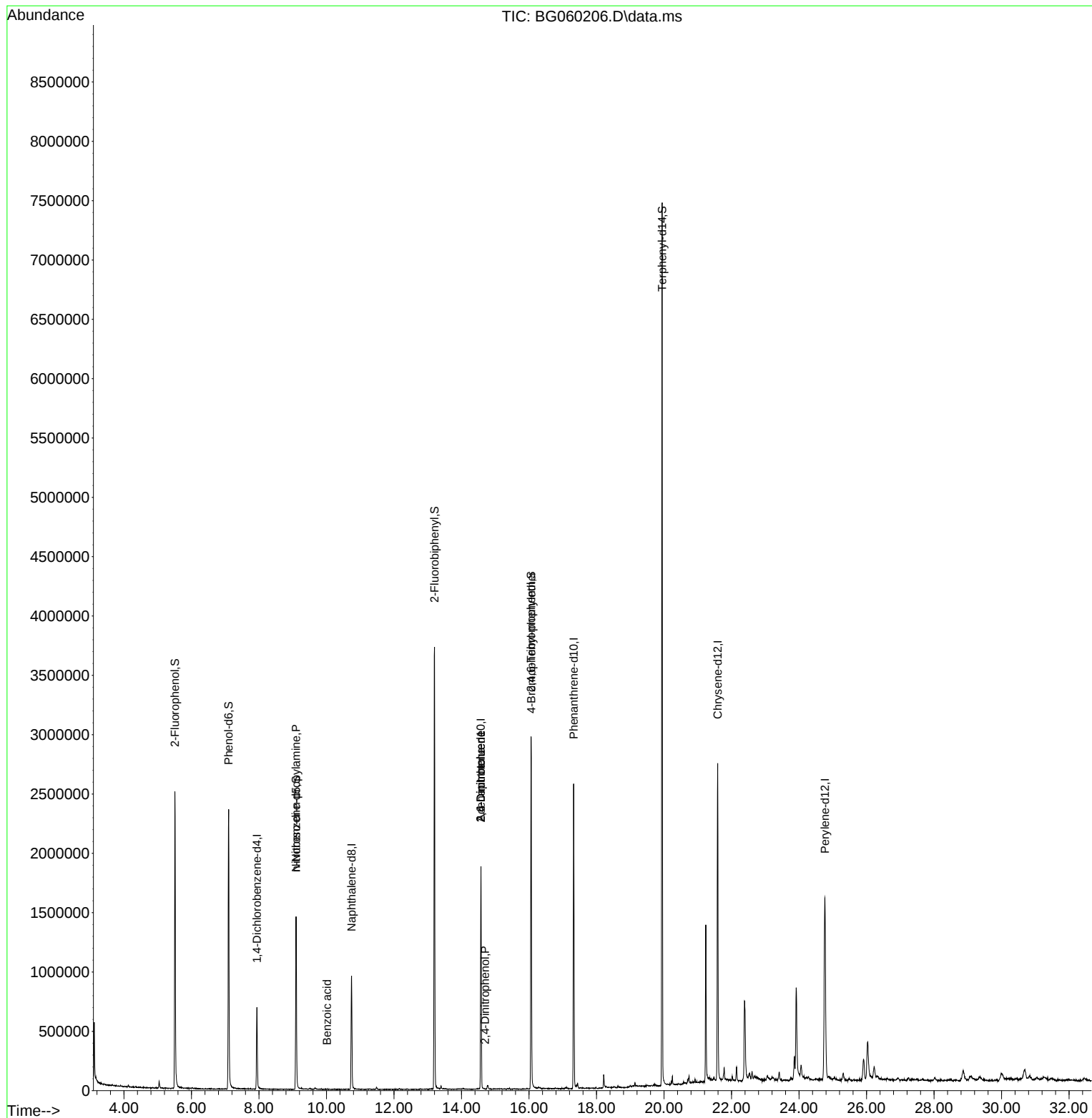
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	220354	20.000	ng	0.00
21) Naphthalene-d8	10.743	136	868051	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	657712	20.000	ng	0.00
64) Phenanthrene-d10	17.323	188	1691028	20.000	ng	0.00
76) Chrysene-d12	21.589	240	1567117	20.000	ng	0.00
86) Perylene-d12	24.768	264	1728837	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	1202999	82.401	ng	0.00
7) Phenol-d6	7.100	99	1585190	73.129	ng	0.00
23) Nitrobenzene-d5	9.098	82	998230	53.117	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	638730	72.549	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	2160845	47.218	ng	0.00
79) Terphenyl-d14	19.944	244	3869622	47.471	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.098	70	115323	7.788	ng	# 89
32) Benzoic acid	10.014	122	90	10.279	ng	# 57
51) 2,6-Dinitrotoluene	14.574	165	88240	8.354	ng	# 30
54) 2,4-Dinitrophenol	14.697	184	195	8.265	ng	# 25
57) 2,4-Dinitrotoluene	14.574	165	88240	6.144	ng	# 27
67) 4-Bromophenyl-phenylether	16.066	248	35889	2.002	ng	# 1

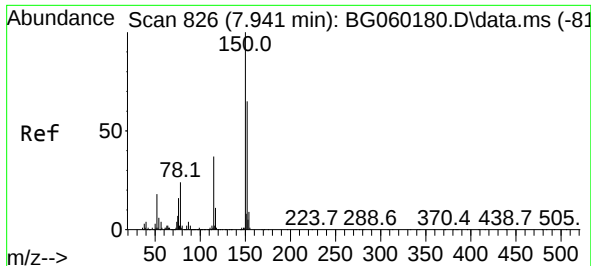
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

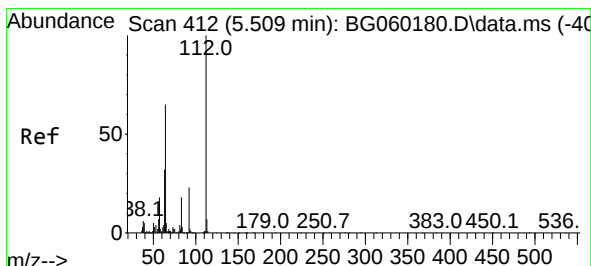
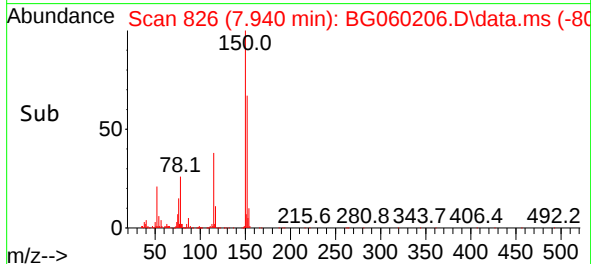
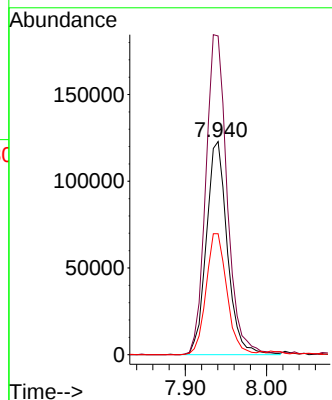
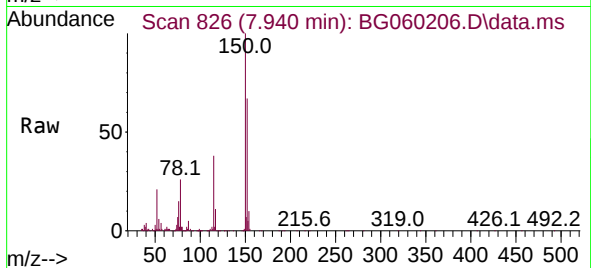




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060206.D
Acq: 2 Jan 2024 23:54

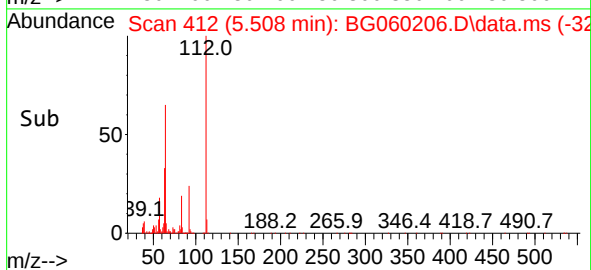
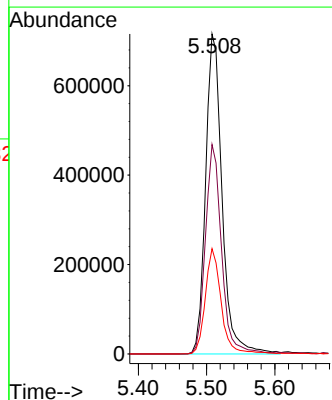
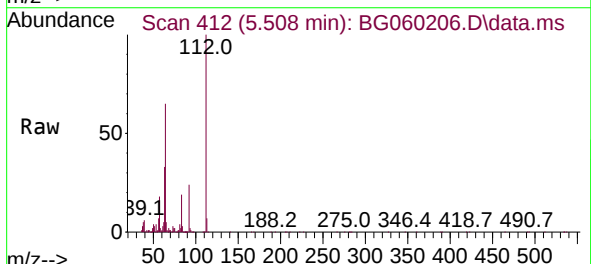
Instrument :
BNA_G
ClientSampleId :

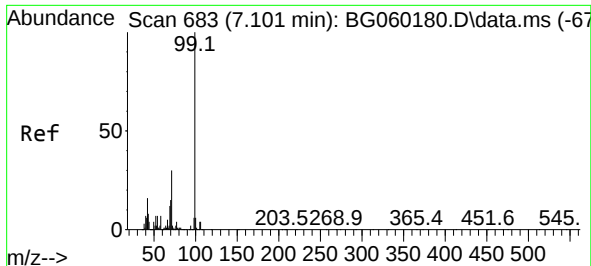
Tgt Ion:152 Resp: 220354
Ion Ratio Lower Upper
152 100
150 149.6 123.4 185.0
115 56.8 45.4 68.0



#5
2-Fluorophenol
Concen: 82.401 ng
RT: 5.508 min Scan# 412
Delta R.T. -0.001 min
Lab File: BG060206.D
Acq: 2 Jan 2024 23:54

Tgt Ion:112 Resp: 1202999
Ion Ratio Lower Upper
112 100
64 65.5 52.2 78.4
63 32.9 25.4 38.0

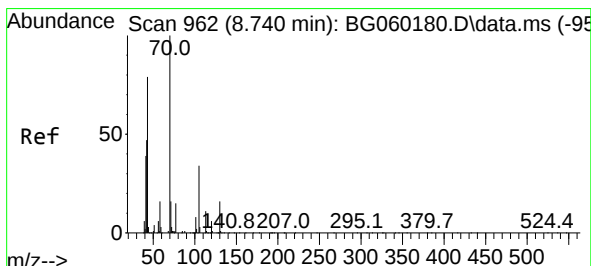
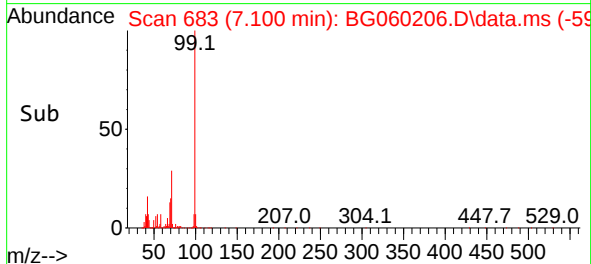
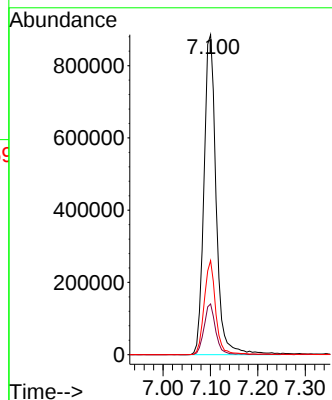
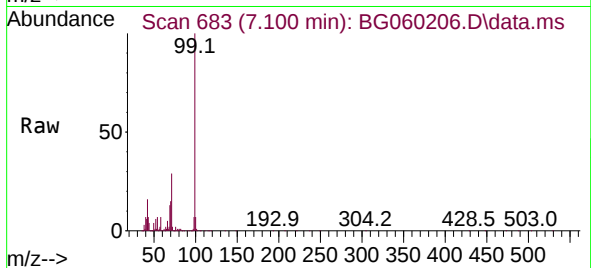




#7
Phenol-d6
Concen: 73.129 ng
RT: 7.100 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG060206.D
Acq: 2 Jan 2024 23:54

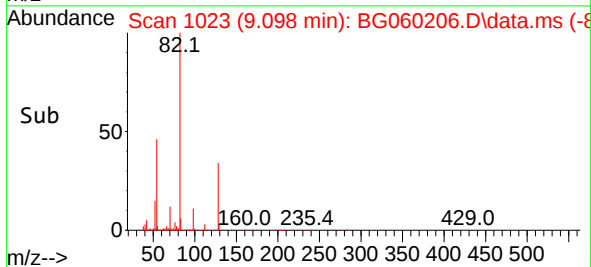
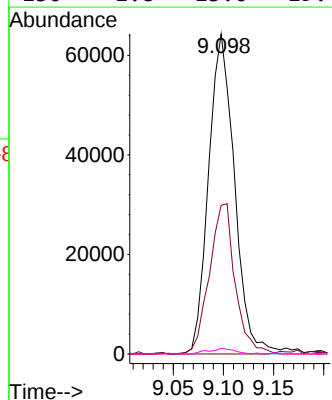
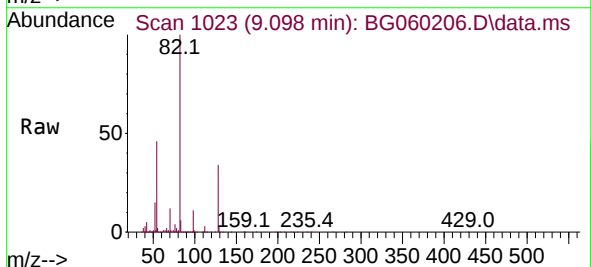
Instrument :
BNA_G
ClientSampleId :

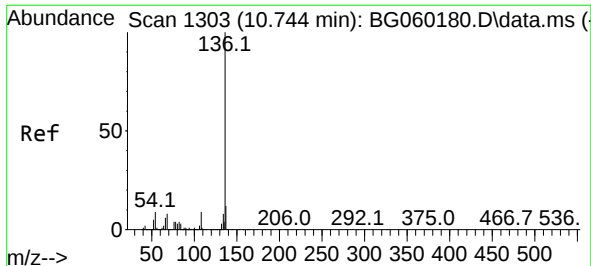
Tgt Ion: 99 Resp: 1585190
Ion Ratio Lower Upper
99 100
42 15.9 12.5 18.7
71 29.4 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 7.788 ng
RT: 9.098 min Scan# 1023
Delta R.T. 0.358 min
Lab File: BG060206.D
Acq: 2 Jan 2024 23:54

Tgt Ion: 70 Resp: 115323
Ion Ratio Lower Upper
70 100
42 46.5 37.9 56.9
101 0.0 6.2 9.2#
130 1.8 13.0 19.4#



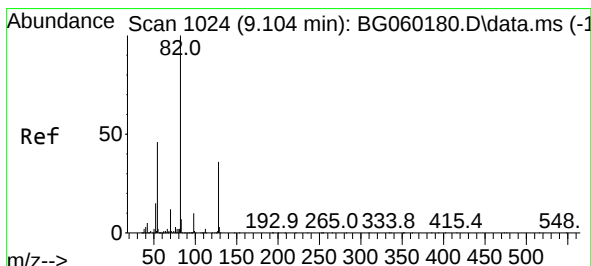
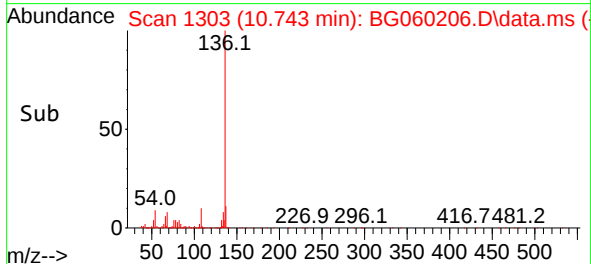
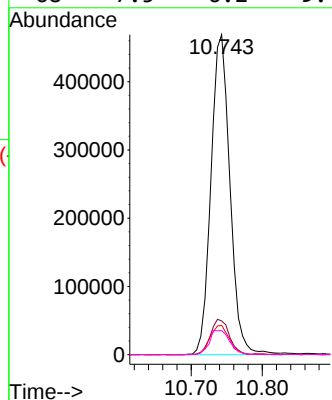
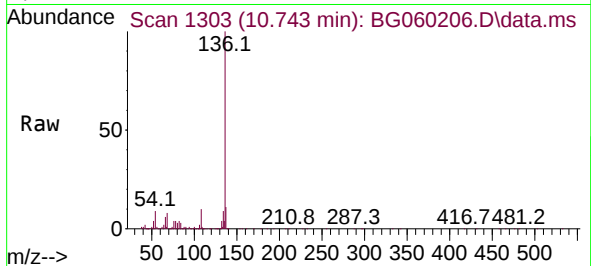


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG060206.D
Acq: 2 Jan 2024 23:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 868051

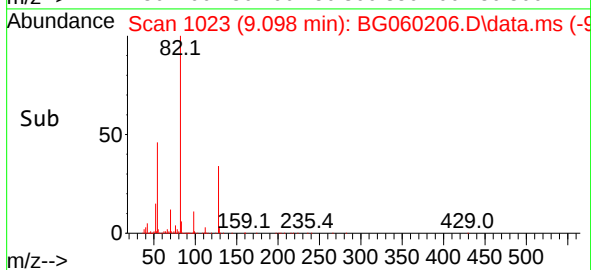
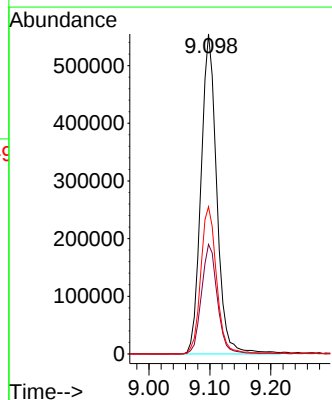
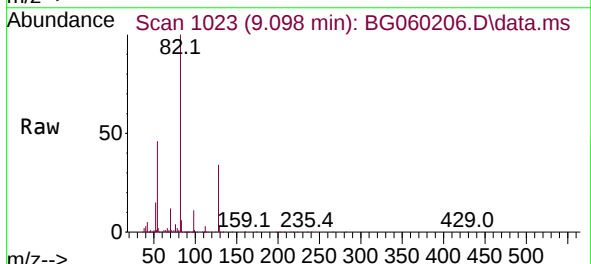
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.4	14.0
54	9.2	7.4	11.2
68	7.5	6.2	9.4

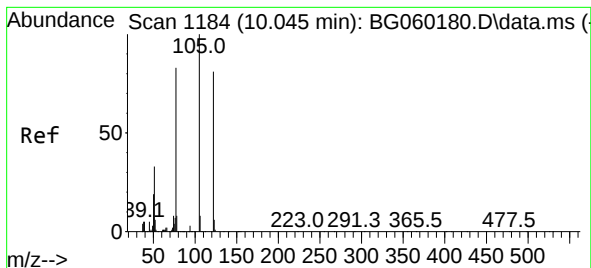


#23
Nitrobenzene-d5
Concen: 53.117 ng
RT: 9.098 min Scan# 1023
Delta R.T. -0.007 min
Lab File: BG060206.D
Acq: 2 Jan 2024 23:54

Tgt Ion: 82 Resp: 998230

Ion	Ratio	Lower	Upper
82	100		
128	34.3	28.7	43.1
54	46.0	36.9	55.3

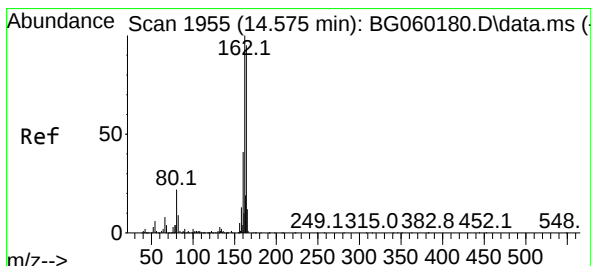
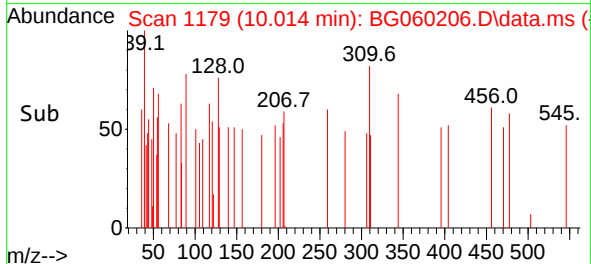
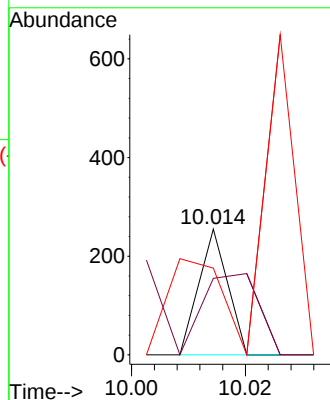
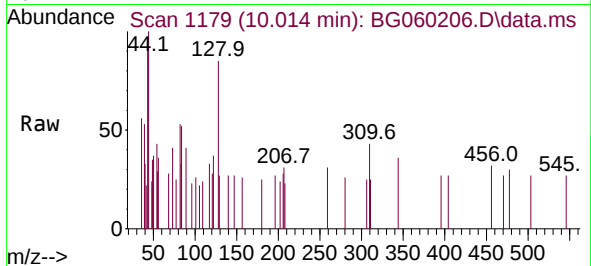




#32
Benzoic acid
Concen: 10.279 ng
RT: 10.014 min Scan# 1184
Delta R.T. -0.031 min
Lab File: BG060206.D
Acq: 2 Jan 2024 23:54

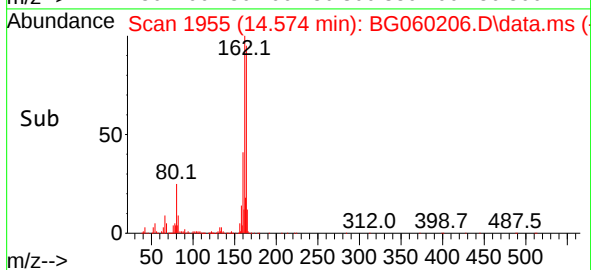
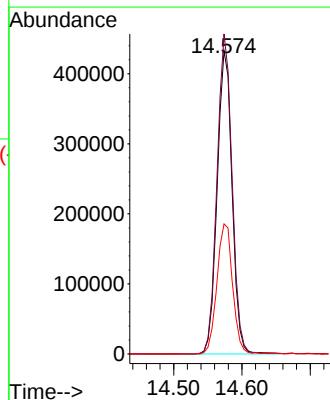
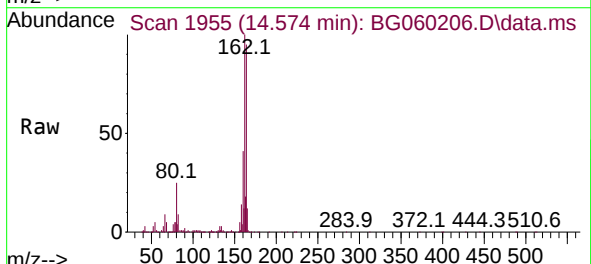
Instrument :
BNA_G
ClientSampleId :

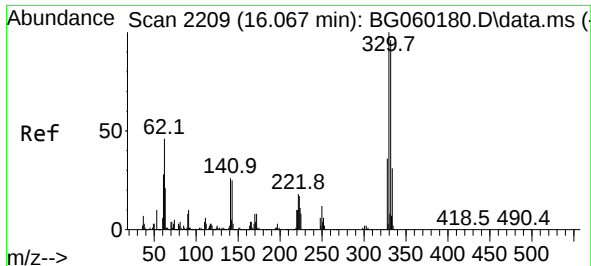
Tgt Ion:122 Resp: 90
Ion Ratio Lower Upper
122 100
105 60.8 99.2 139.2#
77 69.0 81.0 121.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.001 min
Lab File: BG060206.D
Acq: 2 Jan 2024 23:54

Tgt Ion:164 Resp: 657712
Ion Ratio Lower Upper
164 100
162 105.5 83.9 125.9
160 42.9 34.2 51.4

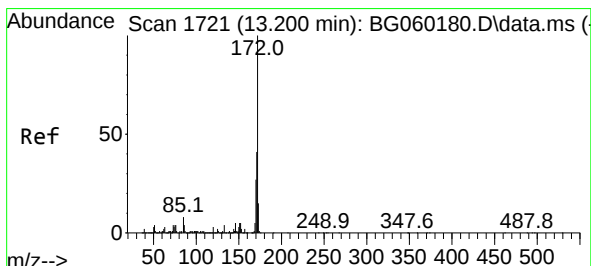
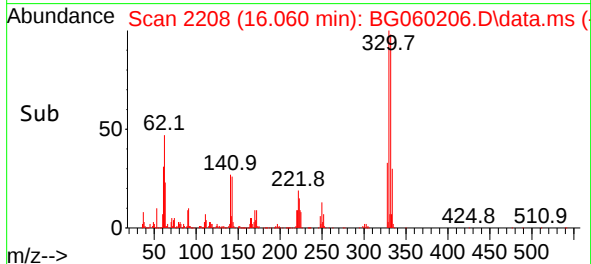
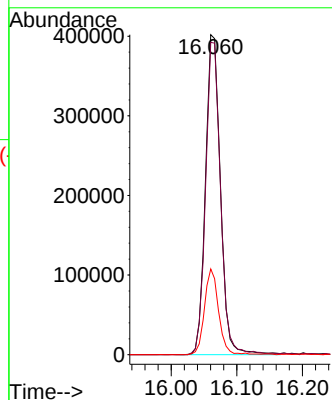
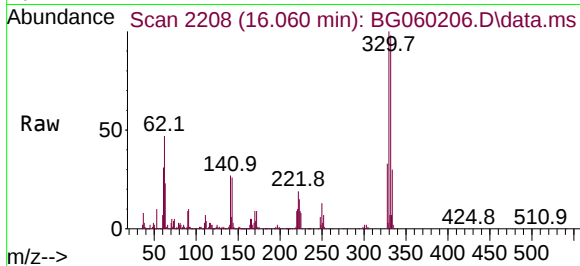




#42
2,4,6-Tribromophenol
Concen: 72.549 ng
RT: 16.060 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060206.D
Acq: 2 Jan 2024 23:54

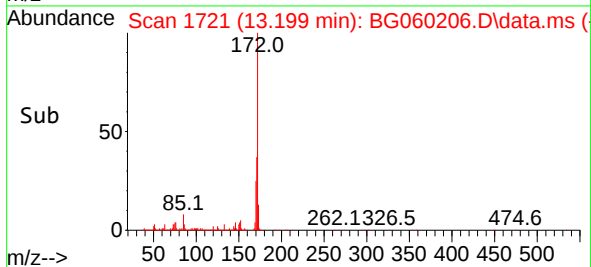
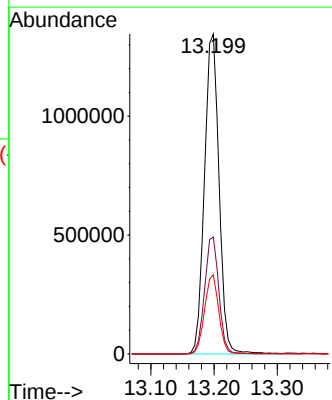
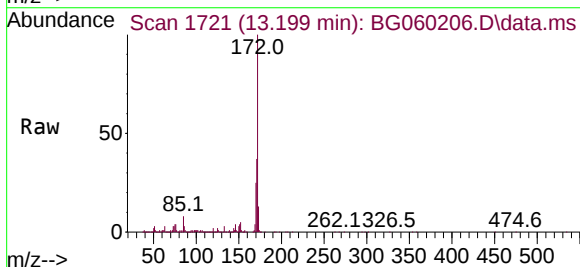
Instrument :
BNA_G
ClientSampleId :

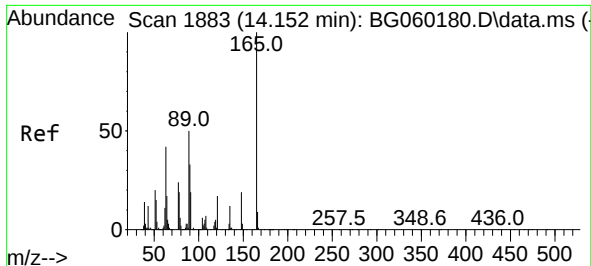
Tgt Ion:330 Resp: 638730
Ion Ratio Lower Upper
330 100
332 97.7 76.7 115.1
141 25.3 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 47.218 ng
RT: 13.199 min Scan# 1721
Delta R.T. -0.001 min
Lab File: BG060206.D
Acq: 2 Jan 2024 23:54

Tgt Ion:172 Resp: 2160845
Ion Ratio Lower Upper
172 100
171 36.5 32.6 48.8
170 24.7 21.8 32.6

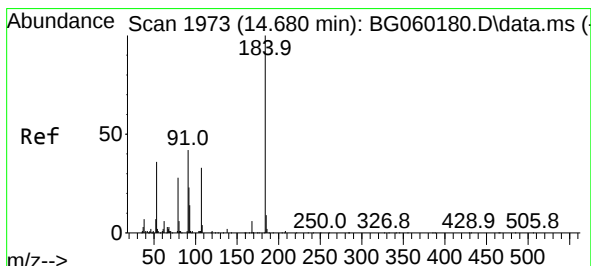
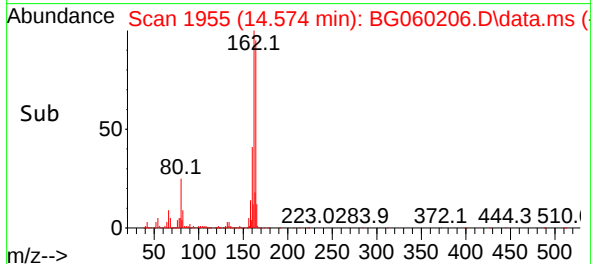
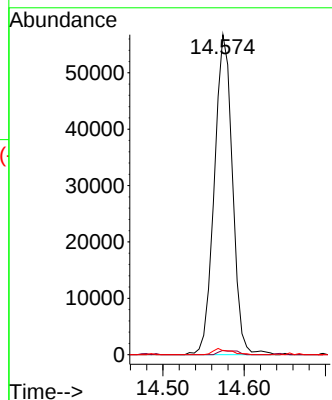
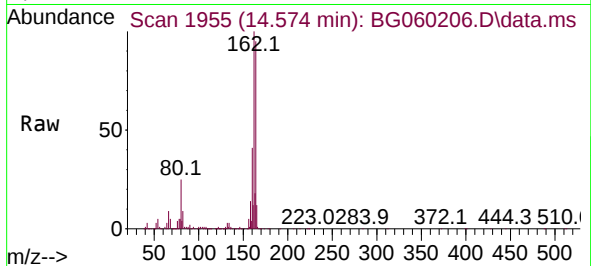




#51
2,6-Dinitrotoluene
Concen: 8.354 ng
RT: 14.574 min Scan# 1955
Delta R.T. 0.422 min
Lab File: BG060206.D
Acq: 2 Jan 2024 23:54

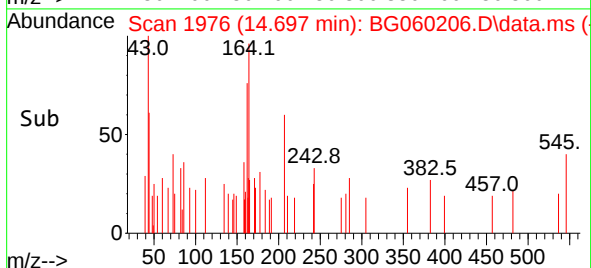
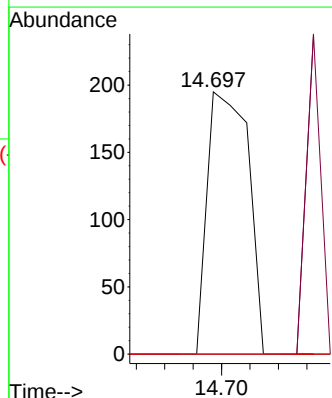
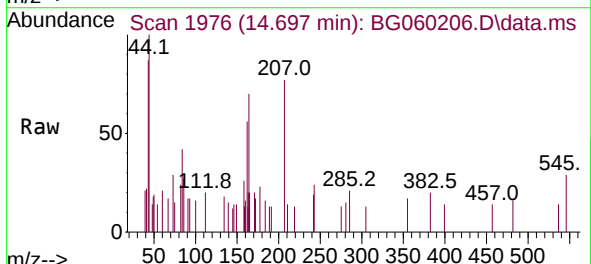
Instrument :
BNA_G
ClientSampleId :

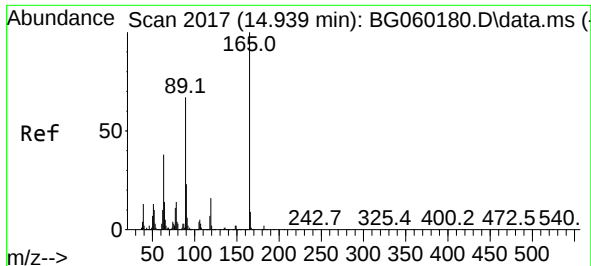
Tgt Ion:165 Resp: 88240
Ion Ratio Lower Upper
165 100
63 1.3 39.3 58.9#
89 1.3 39.8 59.8#



#54
2,4-Dinitrophenol
Concen: 8.265 ng
RT: 14.697 min Scan# 1976
Delta R.T. 0.017 min
Lab File: BG060206.D
Acq: 2 Jan 2024 23:54

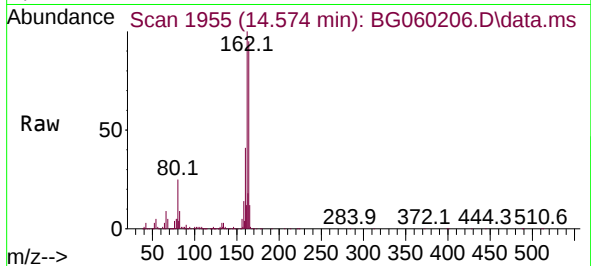
Tgt Ion:184 Resp: 195
Ion Ratio Lower Upper
184 100
63 0.0 45.4 68.2#
154 0.0 40.0 60.0#



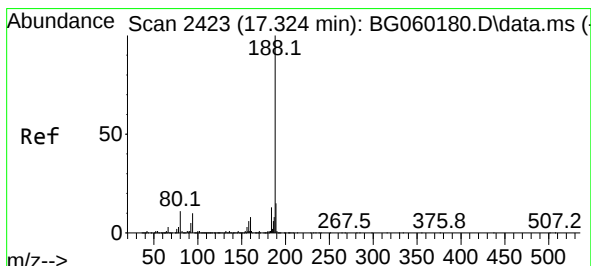
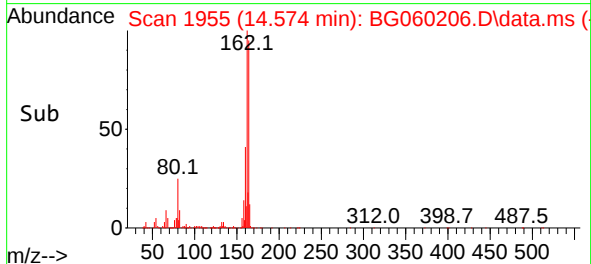
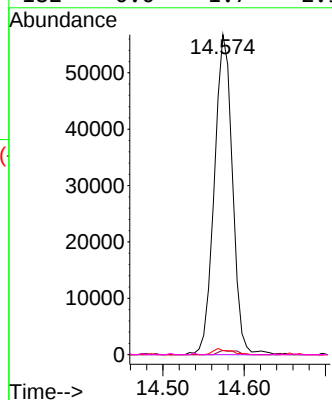


#57
2,4-Dinitrotoluene
Concen: 6.144 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.365 min
Lab File: BG060206.D
Acq: 2 Jan 2024 23:54

Instrument :
BNA_G
ClientSampleId :

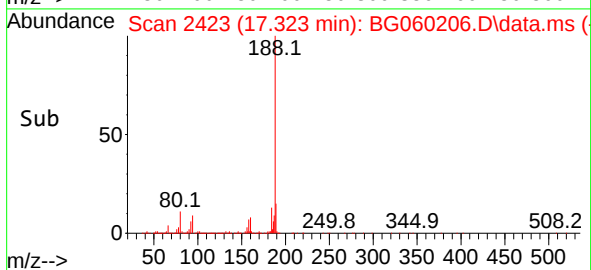
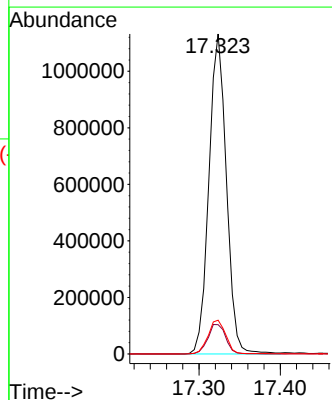
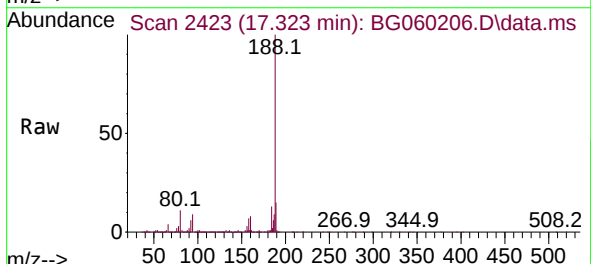


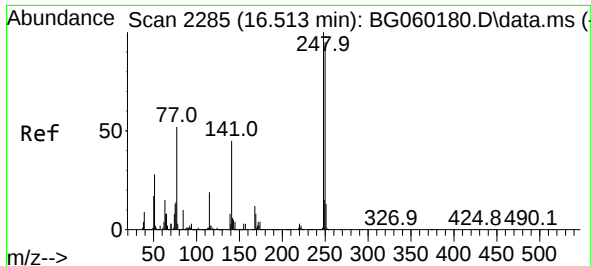
Tgt Ion:165 Resp: 88240
Ion Ratio Lower Upper
165 100
63 1.3 31.0 46.6#
89 1.3 53.3 79.9#
182 0.0 1.7 2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.323 min Scan# 2423
Delta R.T. -0.001 min
Lab File: BG060206.D
Acq: 2 Jan 2024 23:54

Tgt Ion:188 Resp: 1691028
Ion Ratio Lower Upper
188 100
94 9.2 7.8 11.6
80 10.5 8.6 13.0

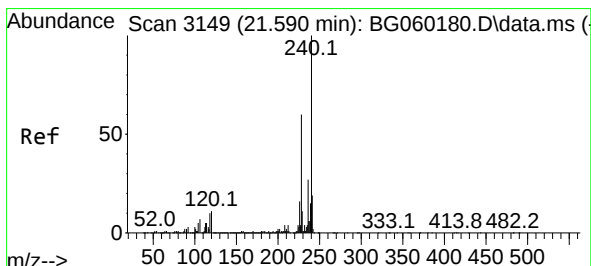
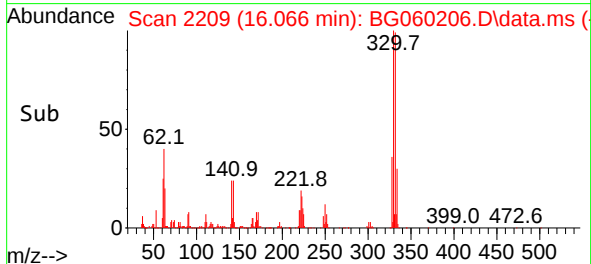
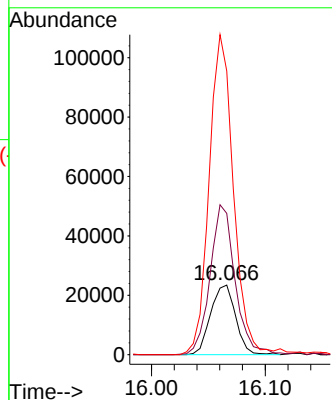
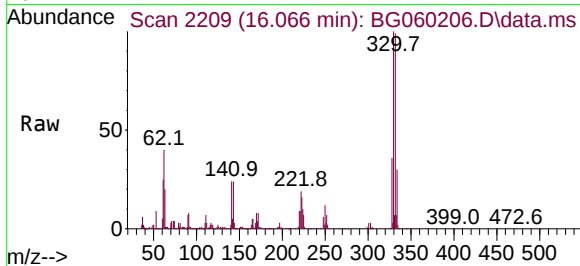




#67
4-Bromophenyl-phenylether
Concen: 2.002 ng
RT: 16.066 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG060206.D
Acq: 2 Jan 2024 23:54

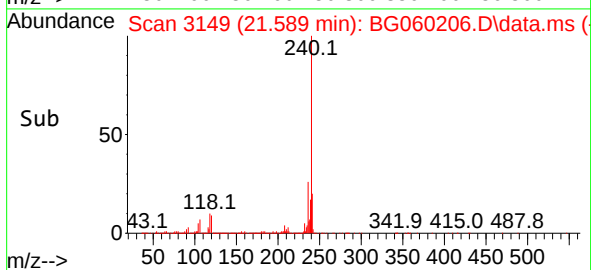
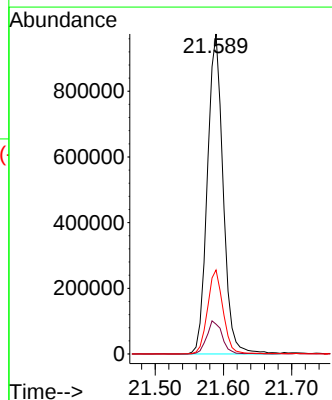
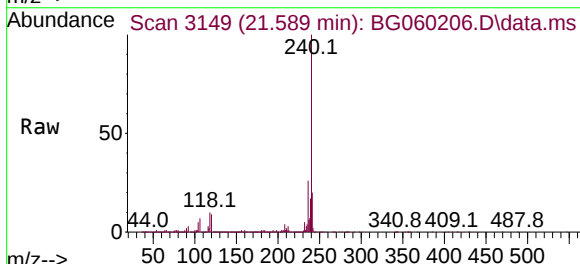
Instrument :
BNA_G
ClientSampleId :

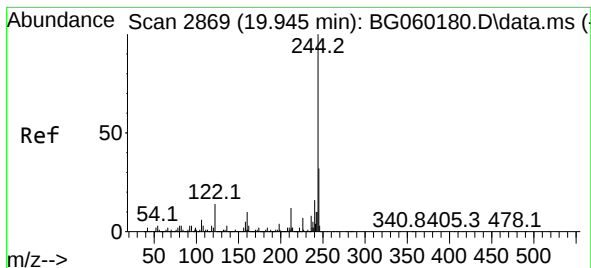
Tgt Ion:248 Resp: 35889
Ion Ratio Lower Upper
248 100
250 203.1 76.2 114.4#
141 408.0 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3149
Delta R.T. -0.001 min
Lab File: BG060206.D
Acq: 2 Jan 2024 23:54

Tgt Ion:240 Resp: 1567117
Ion Ratio Lower Upper
240 100
120 9.3 8.5 12.7
236 26.2 21.4 32.2





#79

Terphenyl-d14

Concen: 47.471 ng

RT: 19.944 min Scan# 2

Delta R.T. -0.001 min

Lab File: BG060206.D

Acq: 2 Jan 2024 23:54

Instrument :

BNA_G

ClientSampleId :

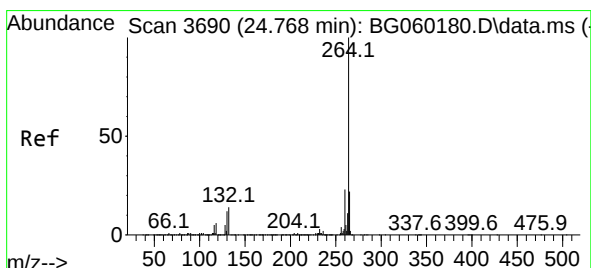
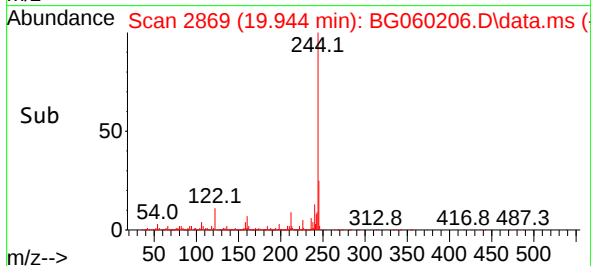
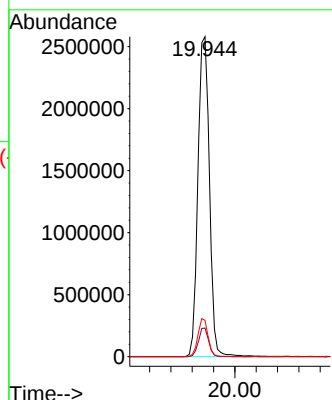
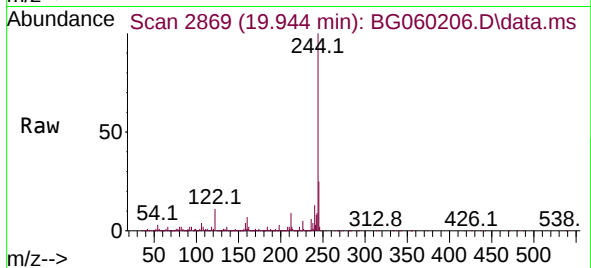
Tgt Ion:244 Resp: 3869622

Ion Ratio Lower Upper

244 100

212 8.9 9.5 14.3#

122 11.4 11.4 17.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.768 min Scan# 3690

Delta R.T. -0.001 min

Lab File: BG060206.D

Acq: 2 Jan 2024 23:54

Tgt Ion:264 Resp: 1728837

Ion Ratio Lower Upper

264 100

260 24.6 18.0 27.0

265 22.6 17.4 26.0

