

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
 Data File : BG060192.D
 Acq On : 2 Jan 2024 13:09
 Operator : MA/JU
 Sample : 05898-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 02 13:52:57 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)

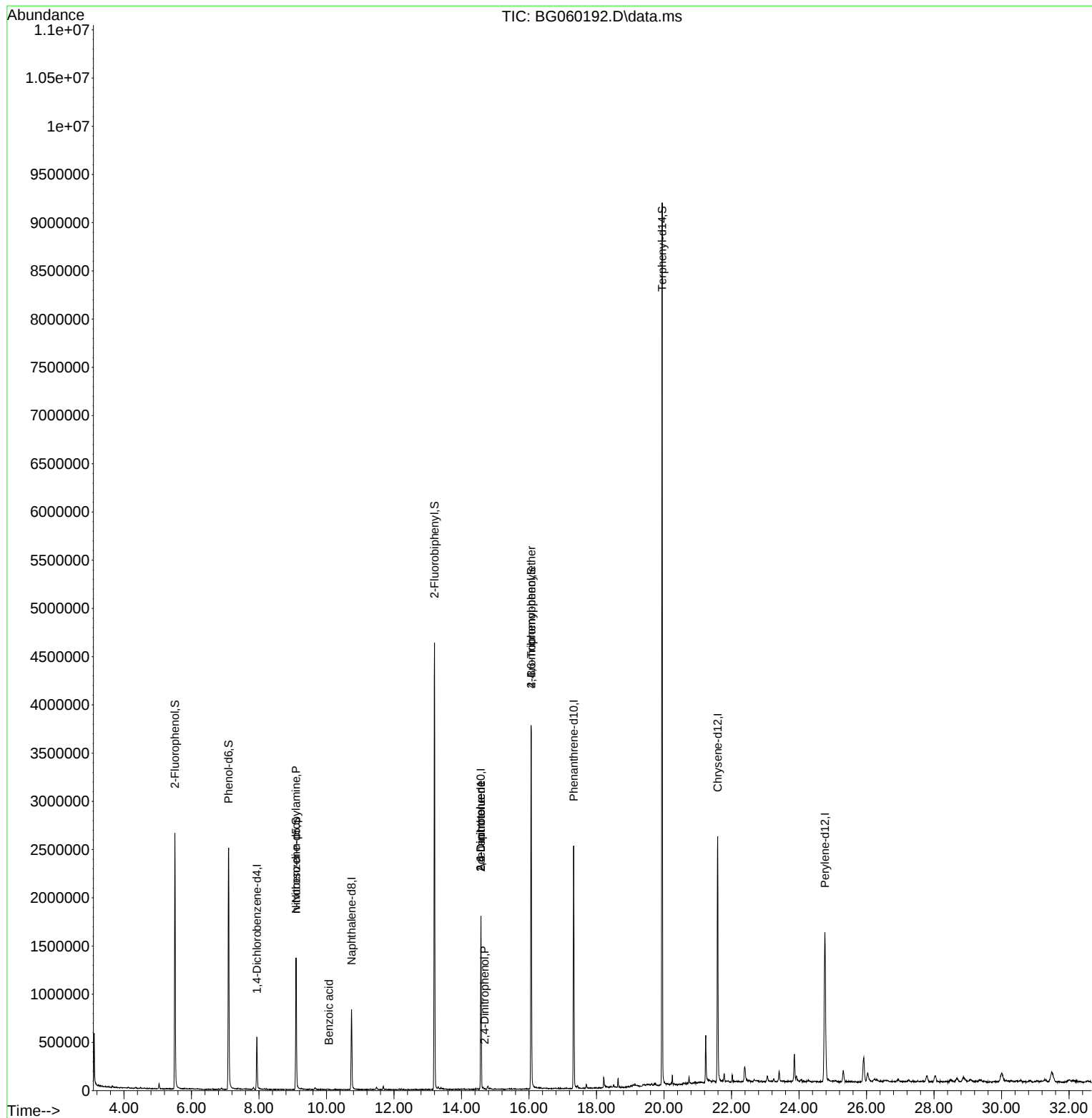
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	170816	20.000	ng	0.00
21) Naphthalene-d8	10.744	136	742790	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	612221	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	1723469	20.000	ng	0.00
76) Chrysene-d12	21.590	240	1564823	20.000	ng	0.00
86) Perylene-d12	24.769	264	1728680	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	1232493	108.904	ng	0.00
7) Phenol-d6	7.101	99	1713401	101.967	ng	0.00
23) Nitrobenzene-d5	9.099	82	925822	57.572	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	801381	97.786	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	2567201	60.266	ng	0.00
79) Terphenyl-d14	19.945	244	4349851	53.441	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.099	70	109572	9.545	ng	# 87
32) Benzoic acid	10.069	122	141	10.286	ng	# 1
51) 2,6-Dinitrotoluene	14.575	165	81995	8.340	ng	# 30
54) 2,4-Dinitrophenol	14.687	184	198	8.267	ng	# 25
57) 2,4-Dinitrotoluene	14.575	165	81995	6.133	ng	# 27
67) 4-Bromophenyl-phenylether	16.067	248	46198	2.528	ng	# 1

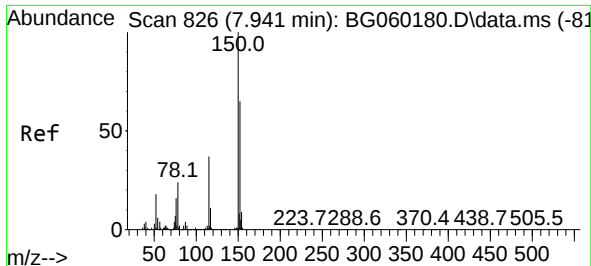
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

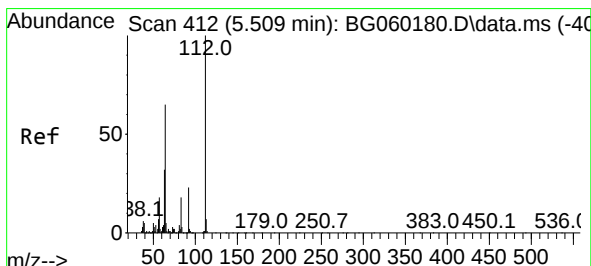
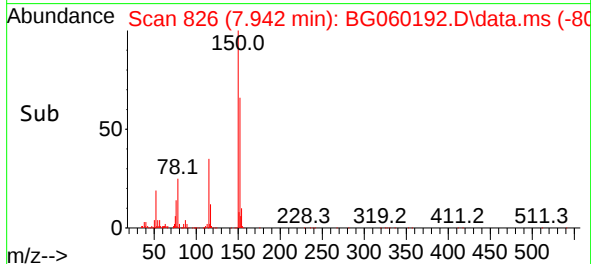
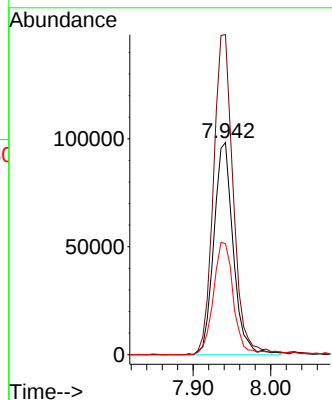
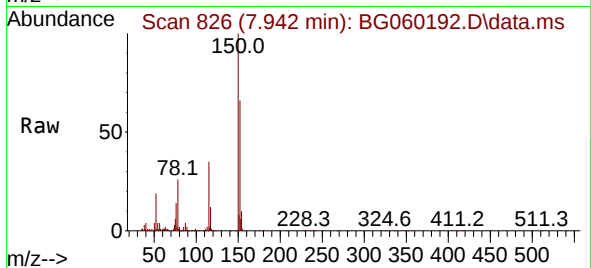




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.942 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG060192.D
Acq: 2 Jan 2024 13:09

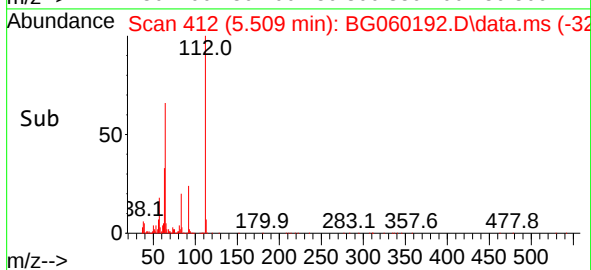
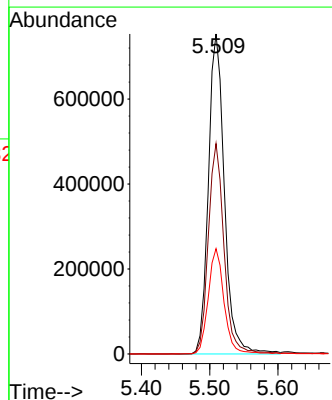
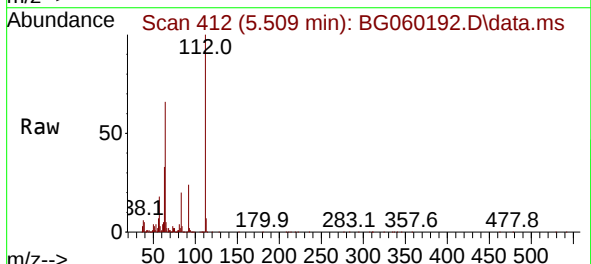
Instrument :
BNA_G
ClientSampleId :

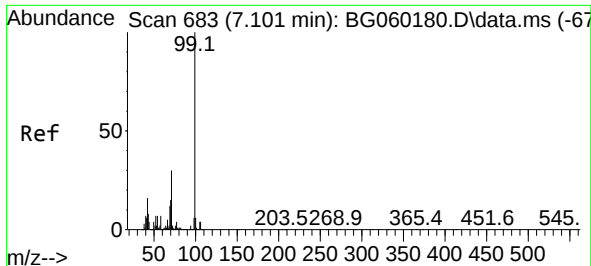
Tgt Ion:152 Resp: 170816
Ion Ratio Lower Upper
152 100
150 150.8 123.4 185.0
115 52.3 45.4 68.0



#5
2-Fluorophenol
Concen: 108.904 ng
RT: 5.509 min Scan# 412
Delta R.T. 0.000 min
Lab File: BG060192.D
Acq: 2 Jan 2024 13:09

Tgt Ion:112 Resp: 1232493
Ion Ratio Lower Upper
112 100
64 65.8 52.2 78.4
63 32.9 25.4 38.0

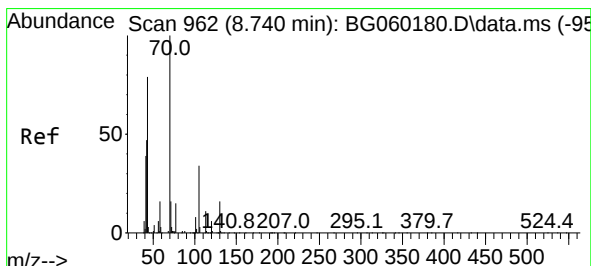
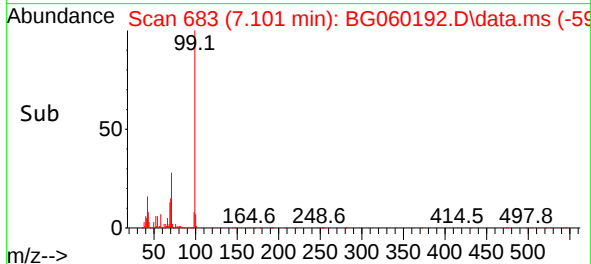
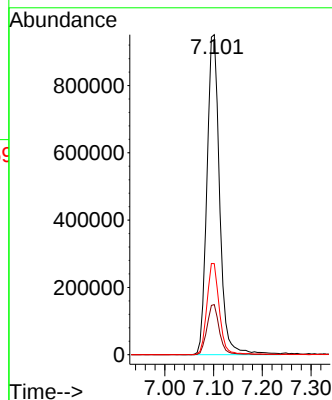
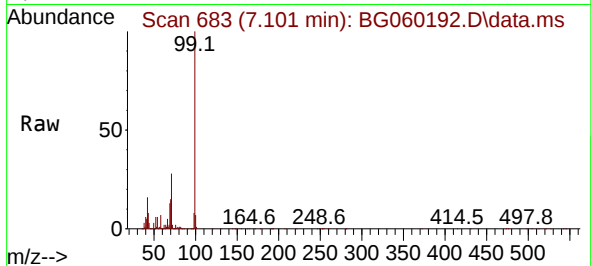




#7
Phenol-d6
Concen: 101.967 ng
RT: 7.101 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG060192.D
Acq: 2 Jan 2024 13:09

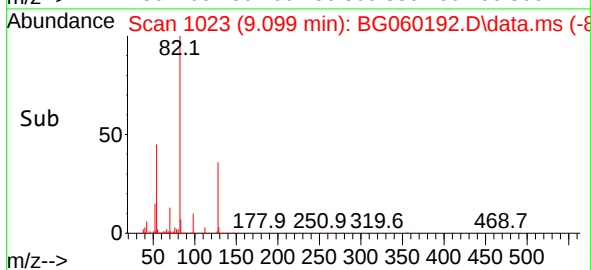
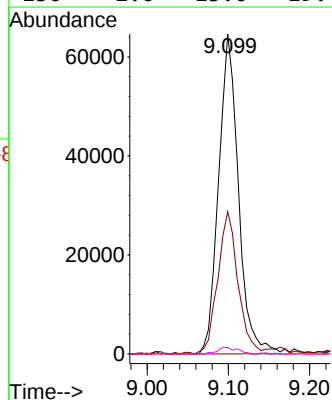
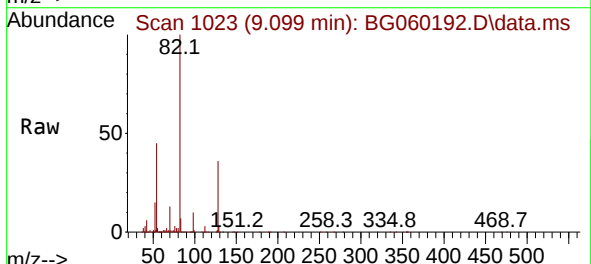
Instrument :
BNA_G
ClientSampleId :

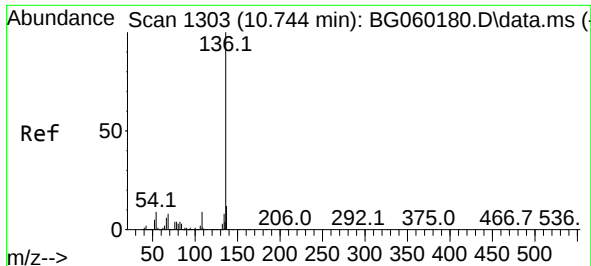
Tgt Ion: 99 Resp: 1713401
Ion Ratio Lower Upper
99 100
42 15.6 12.5 18.7
71 28.5 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 9.545 ng
RT: 9.099 min Scan# 1023
Delta R.T. 0.359 min
Lab File: BG060192.D
Acq: 2 Jan 2024 13:09

Tgt Ion: 70 Resp: 109572
Ion Ratio Lower Upper
70 100
42 44.5 37.9 56.9
101 0.0 6.2 9.2#
130 2.0 13.0 19.4#

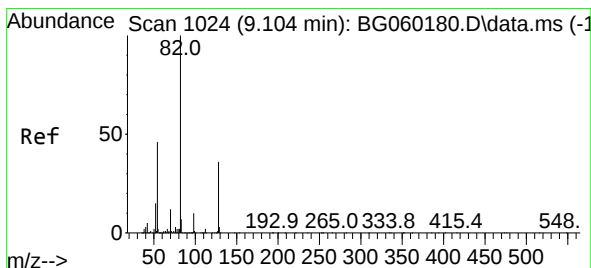
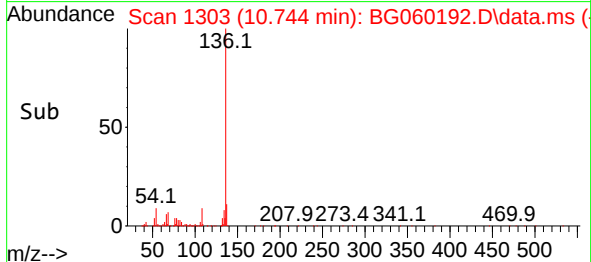
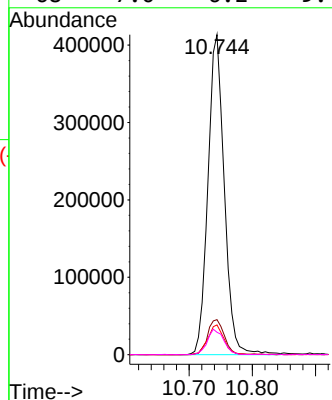
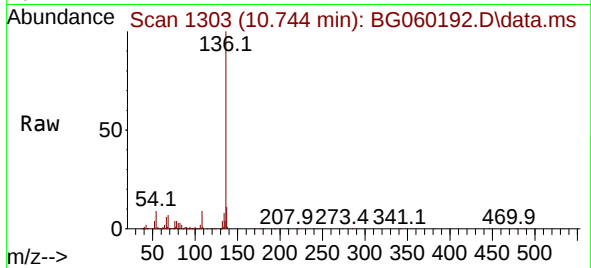




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG060192.D
Acq: 2 Jan 2024 13:09

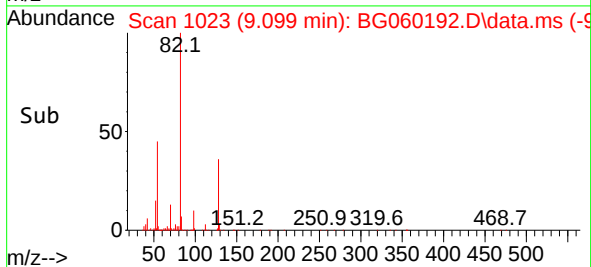
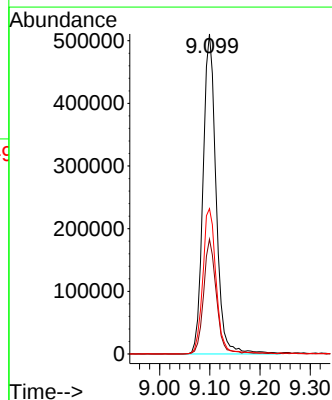
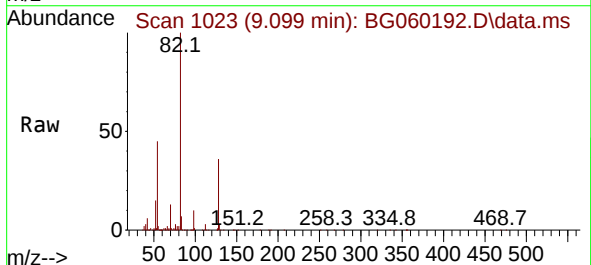
Instrument :
BNA_G
ClientSampleId :

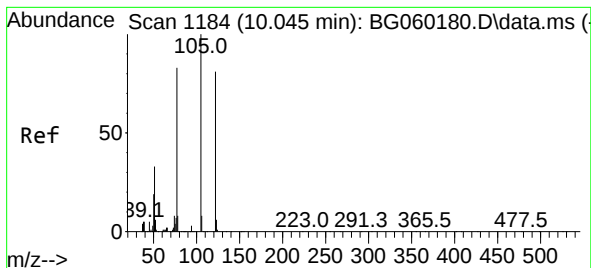
Tgt Ion:136 Resp: 742790
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.0
54 9.3 7.4 11.2
68 7.0 6.2 9.4



#23
Nitrobenzene-d5
Concen: 57.572 ng
RT: 9.099 min Scan# 1023
Delta R.T. -0.005 min
Lab File: BG060192.D
Acq: 2 Jan 2024 13:09

Tgt Ion: 82 Resp: 925822
Ion Ratio Lower Upper
82 100
128 35.8 28.7 43.1
54 45.4 36.9 55.3

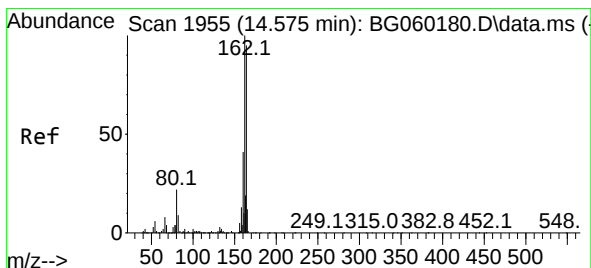
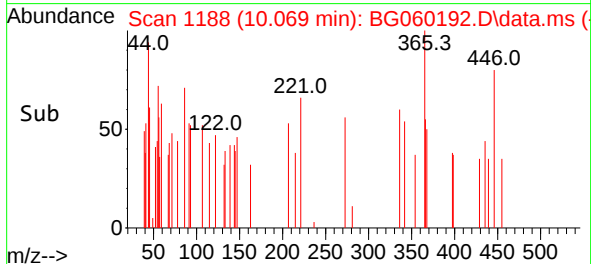
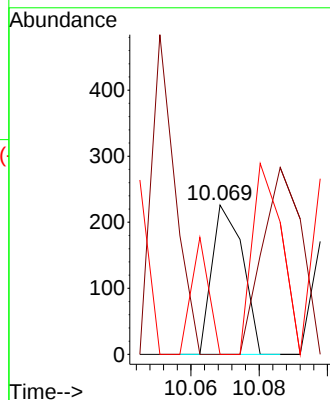
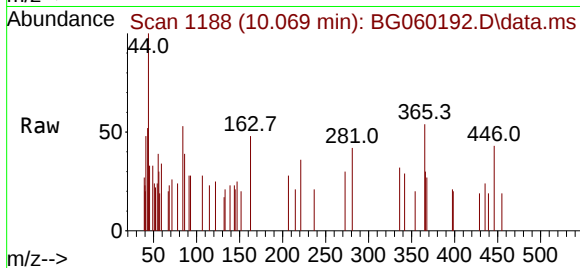




#32
Benzoic acid
Concen: 10.286 ng
RT: 10.069 min Scan# 1188
Delta R.T. 0.024 min
Lab File: BG060192.D
Acq: 2 Jan 2024 13:09

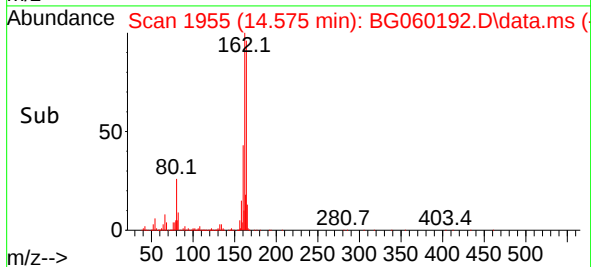
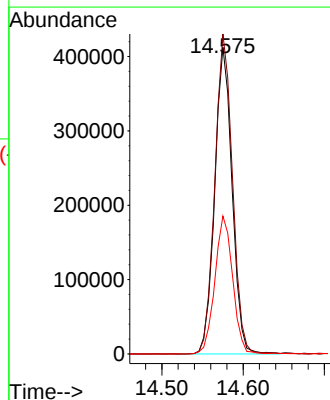
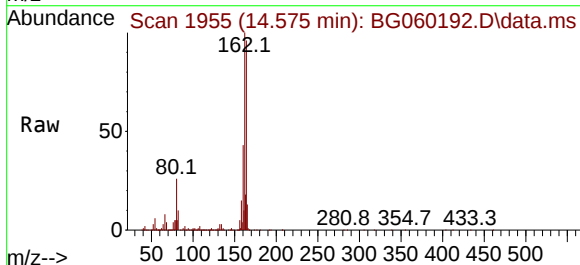
Instrument :
BNA_G
ClientSampleId :

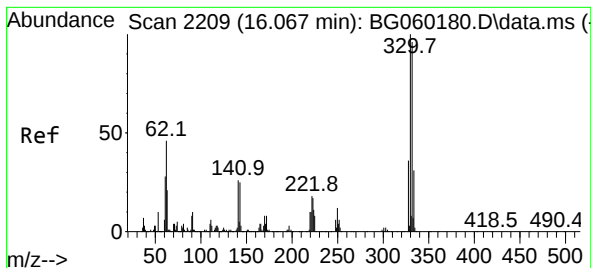
Tgt Ion:122 Resp: 141
Ion Ratio Lower Upper
122 100
105 0.0 99.2 139.2#
77 0.0 81.0 121.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1955
Delta R.T. 0.001 min
Lab File: BG060192.D
Acq: 2 Jan 2024 13:09

Tgt Ion:164 Resp: 612221
Ion Ratio Lower Upper
164 100
162 104.3 83.9 125.9
160 45.0 34.2 51.4

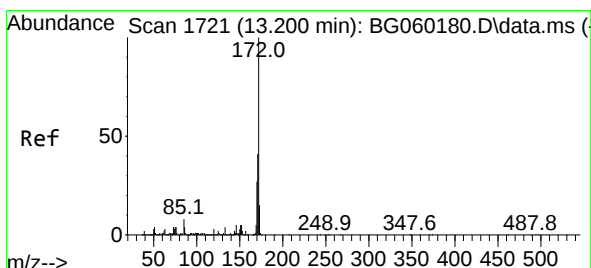
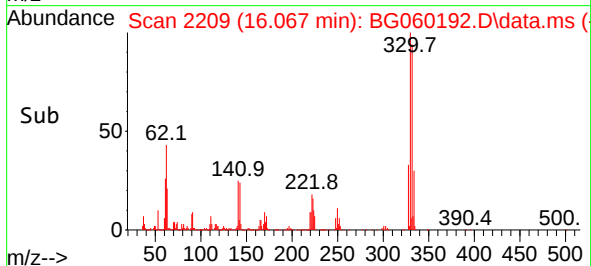
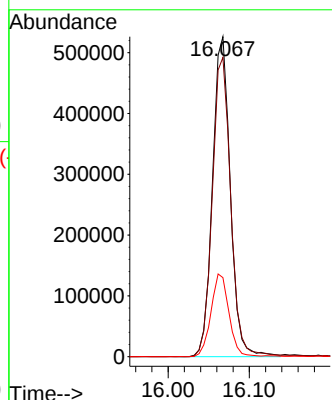
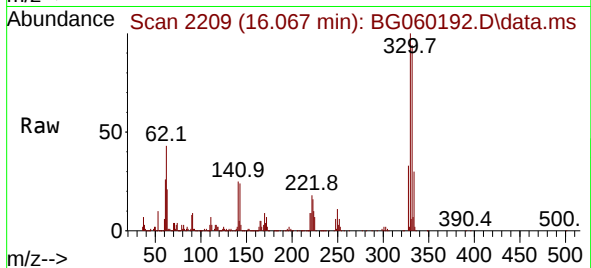




#42
2,4,6-Tribromophenol
Concen: 97.786 ng
RT: 16.067 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG060192.D
Acq: 2 Jan 2024 13:09

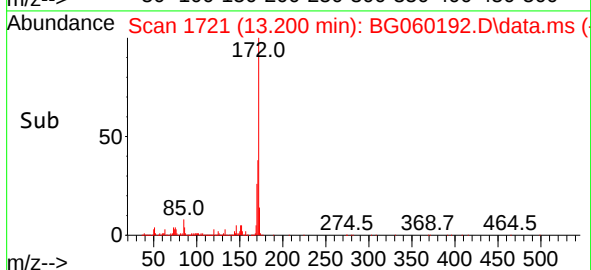
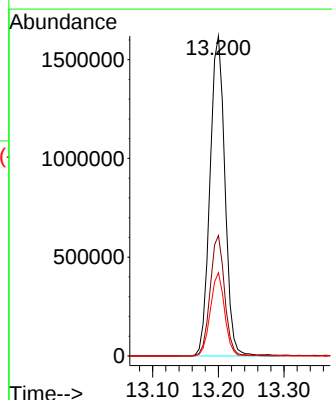
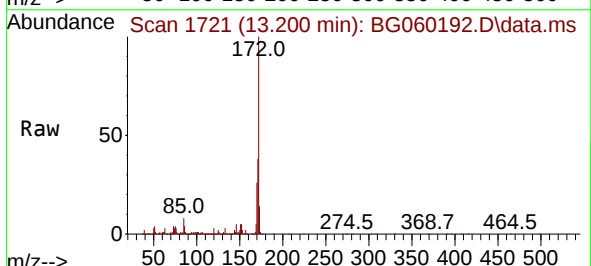
Instrument :
BNA_G
ClientSampleId :

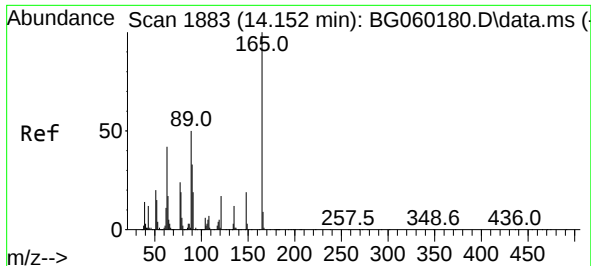
Tgt Ion:330 Resp: 801381
Ion Ratio Lower Upper
330 100
332 96.9 76.7 115.1
141 26.0 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 60.266 ng
RT: 13.200 min Scan# 1721
Delta R.T. 0.000 min
Lab File: BG060192.D
Acq: 2 Jan 2024 13:09

Tgt Ion:172 Resp: 2567201
Ion Ratio Lower Upper
172 100
171 37.7 32.6 48.8
170 26.0 21.8 32.6





#51

2,6-Dinitrotoluene

Concen: 8.340 ng

RT: 14.575 min Scan# 1955

Delta R.T. 0.424 min

Lab File: BG060192.D

Acq: 2 Jan 2024 13:09

Instrument :

BNA_G

ClientSampleId :

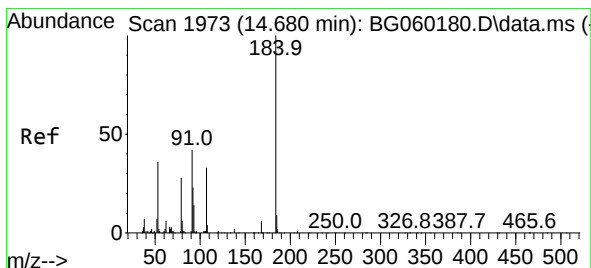
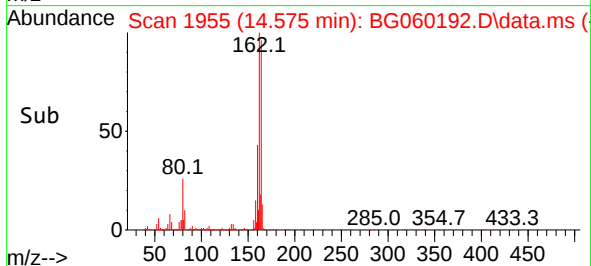
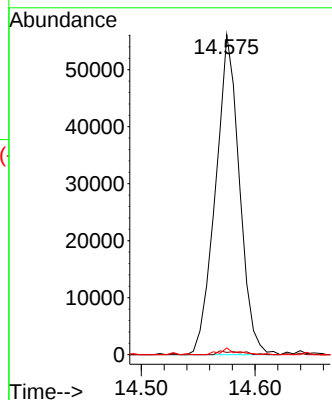
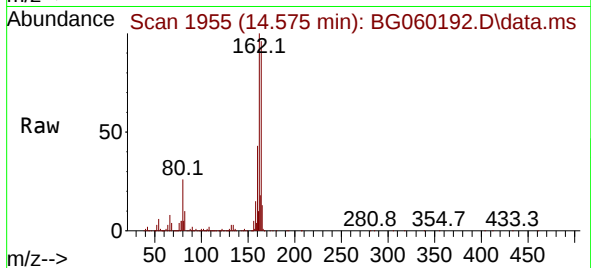
Tgt Ion:165 Resp: 81995

Ion Ratio Lower Upper

165 100

63 0.7 39.3 58.9#

89 2.1 39.8 59.8#



#54

2,4-Dinitrophenol

Concen: 8.267 ng

RT: 14.687 min Scan# 1974

Delta R.T. 0.007 min

Lab File: BG060192.D

Acq: 2 Jan 2024 13:09

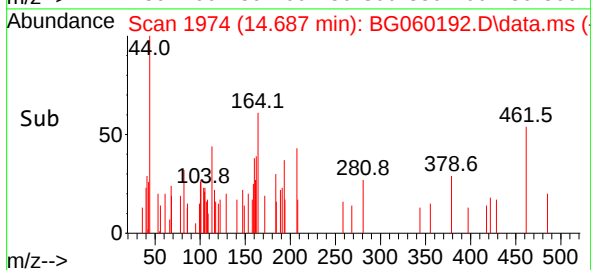
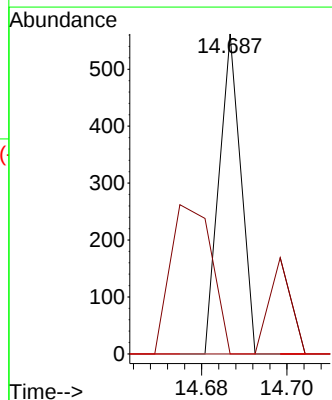
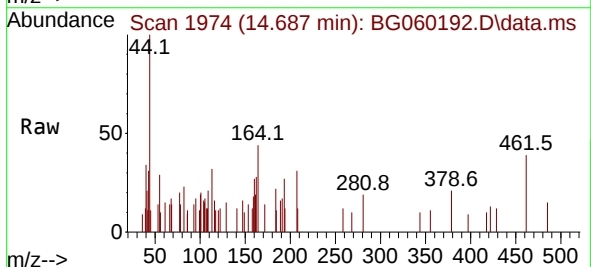
Tgt Ion:184 Resp: 198

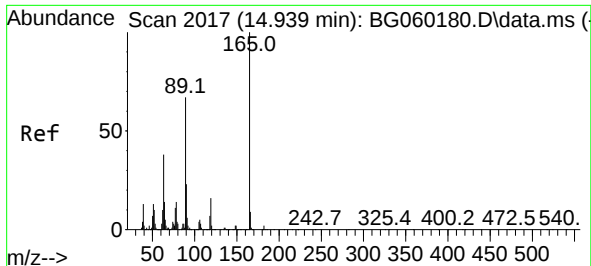
Ion Ratio Lower Upper

184 100

63 0.0 45.4 68.2#

154 0.0 40.0 60.0#





#57

2,4-Dinitrotoluene

Concen: 6.133 ng

RT: 14.575 min Scan# 1955

Delta R.T. -0.364 min

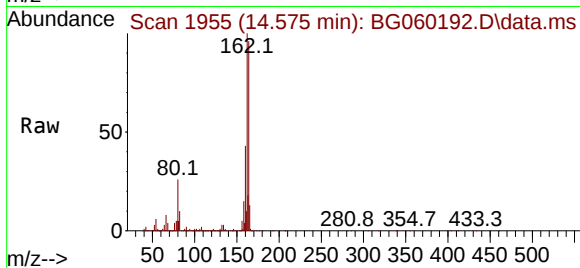
Lab File: BG060192.D

Acq: 2 Jan 2024 13:09

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 81995

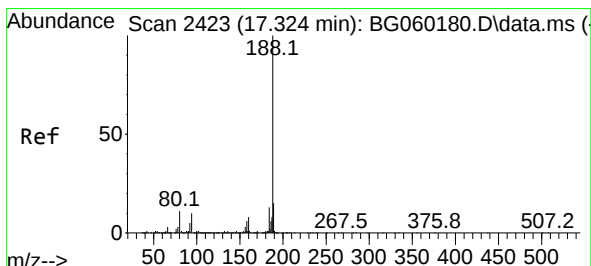
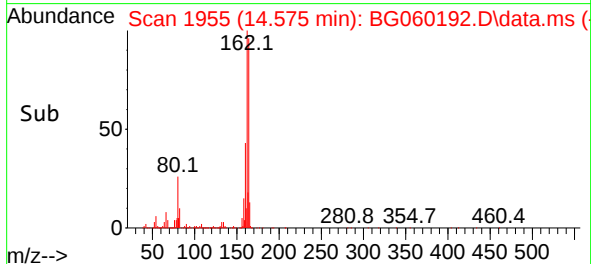
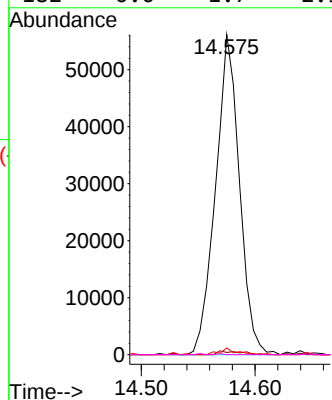
Ion Ratio Lower Upper

165 100

63 0.7 31.0 46.6#

89 2.1 53.3 79.9#

182 0.0 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.325 min Scan# 2423

Delta R.T. 0.001 min

Lab File: BG060192.D

Acq: 2 Jan 2024 13:09

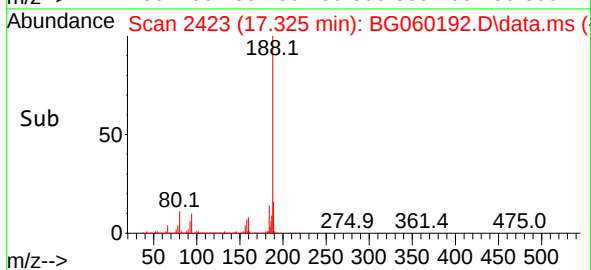
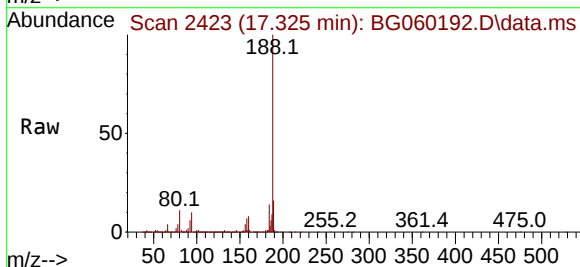
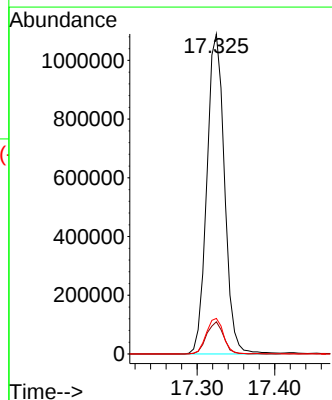
Tgt Ion:188 Resp: 1723469

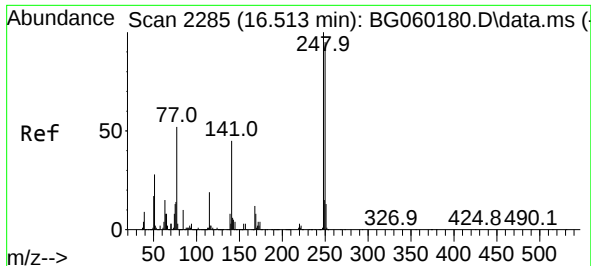
Ion Ratio Lower Upper

188 100

94 10.1 7.8 11.6

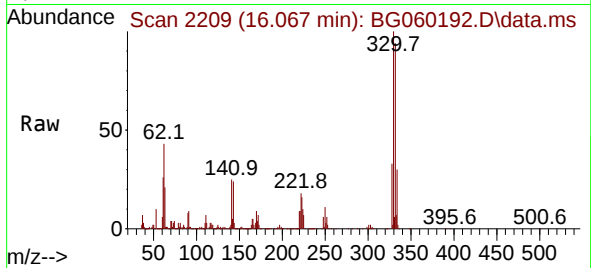
80 11.1 8.6 13.0



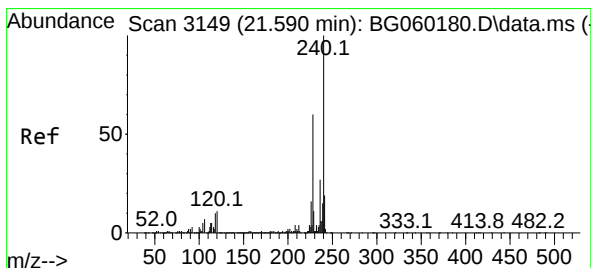
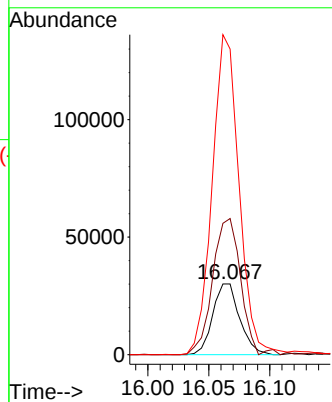
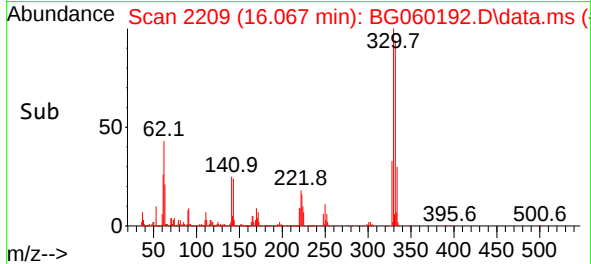


#67
4-Bromophenyl-phenylether
Concen: 2.528 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG060192.D
Acq: 2 Jan 2024 13:09

Instrument :
BNA_G
ClientSampleId :

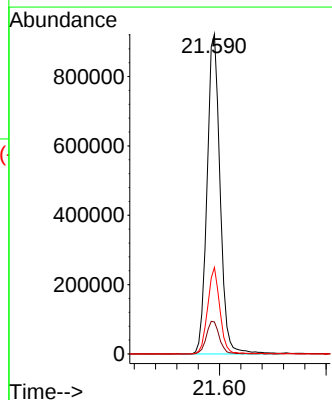
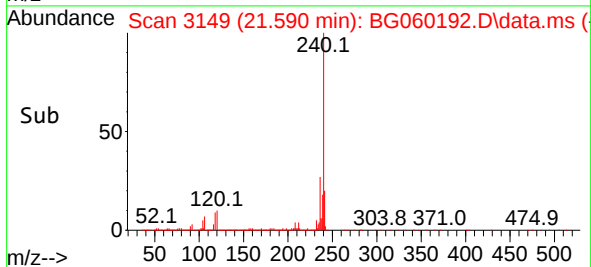
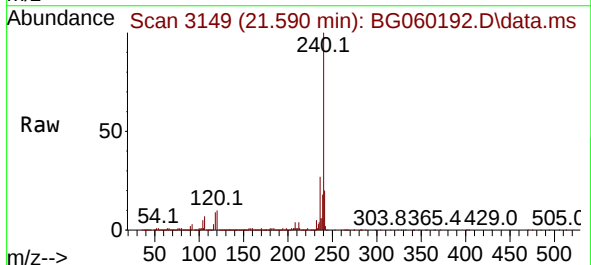


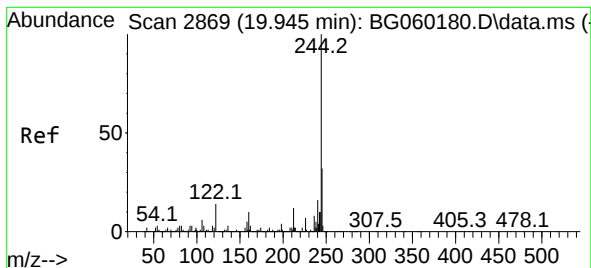
Tgt Ion:248 Resp: 46198
Ion Ratio Lower Upper
248 100
250 203.8 76.2 114.4#
141 349.2 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.590 min Scan# 3149
Delta R.T. 0.000 min
Lab File: BG060192.D
Acq: 2 Jan 2024 13:09

Tgt Ion:240 Resp: 1564823
Ion Ratio Lower Upper
240 100
120 10.0 8.5 12.7
236 27.1 21.4 32.2





#79

Terphenyl-d14

Concen: 53.441 ng

RT: 19.945 min Scan# 2869

Delta R.T. 0.000 min

Lab File: BG060192.D

Acq: 2 Jan 2024 13:09

Instrument :

BNA_G

ClientSampleId :

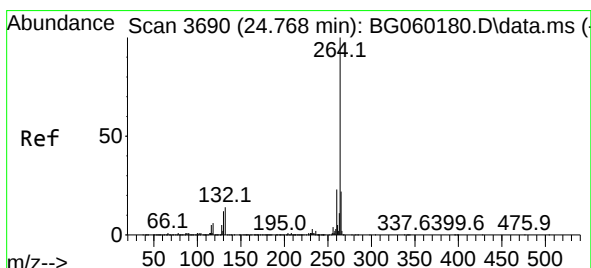
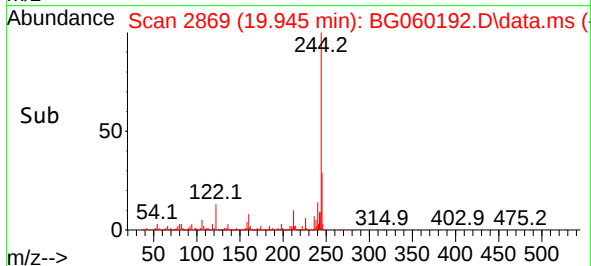
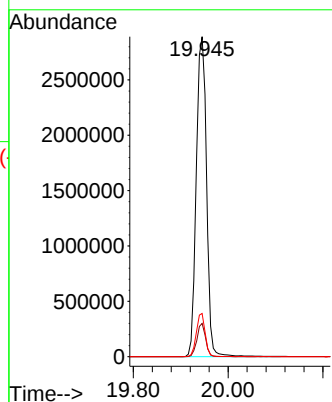
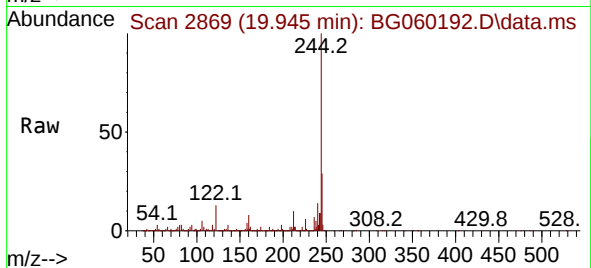
Tgt Ion:244 Resp: 4349851

Ion Ratio Lower Upper

244 100

212 10.4 9.5 14.3

122 13.5 11.4 17.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.769 min Scan# 3690

Delta R.T. 0.000 min

Lab File: BG060192.D

Acq: 2 Jan 2024 13:09

Tgt Ion:264 Resp: 1728680

Ion Ratio Lower Upper

264 100

260 22.7 18.0 27.0

265 20.8 17.4 26.0

