

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
 Data File : BG060216.D
 Acq On : 3 Jan 2024 6:38
 Operator : MA/JU
 Sample : 05899-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 03 07:17:04 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

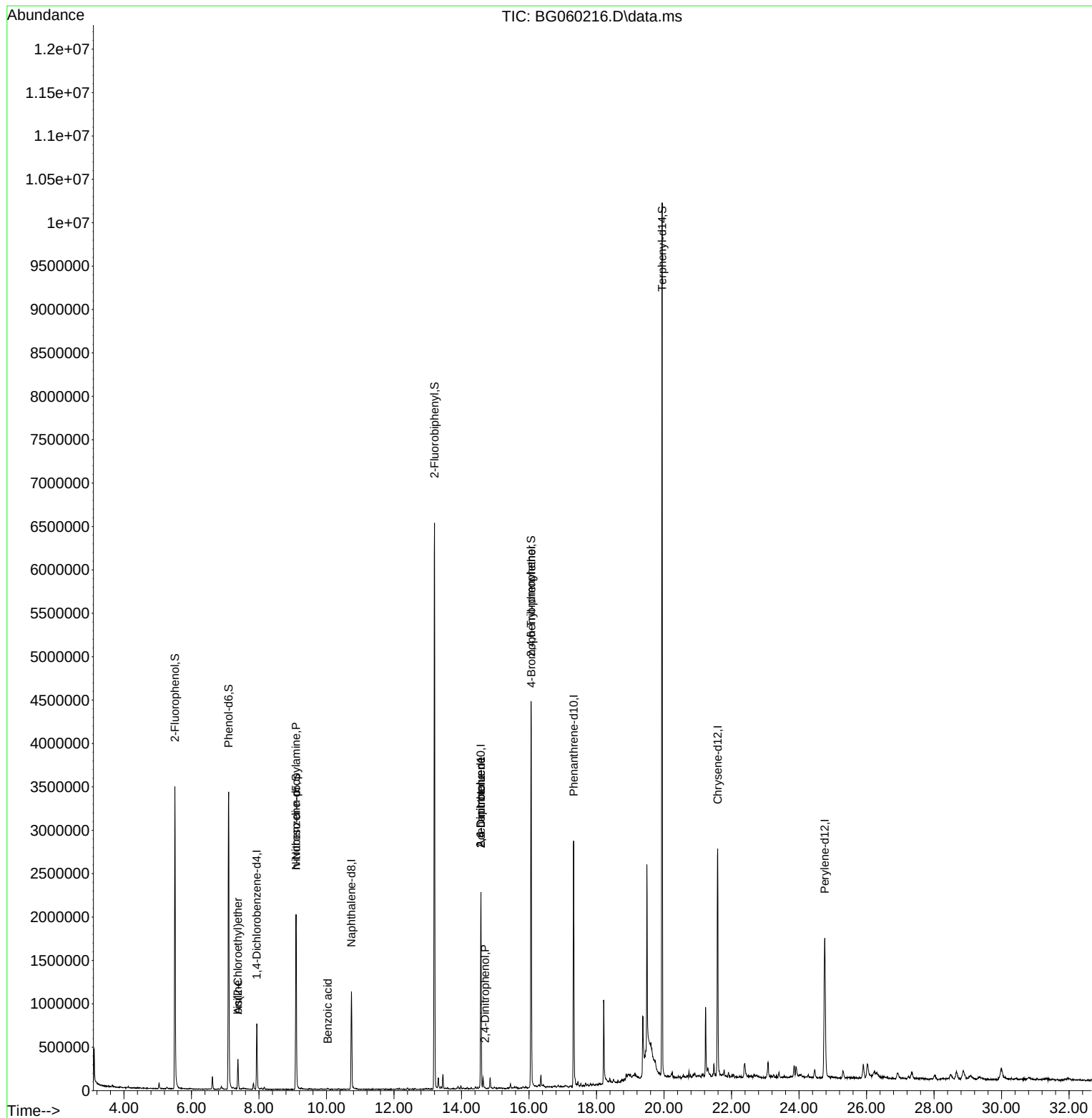
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	232545	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	1005667	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	798827	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	1900378	20.000	ng	0.00
76) Chrysene-d12	21.590	240	1568851	20.000	ng	0.00
86) Perylene-d12	24.763	264	1762499	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	1649904	107.087	ng	0.00
7) Phenol-d6	7.101	99	2308615	100.919	ng	0.00
23) Nitrobenzene-d5	9.099	82	1381360	63.445	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	919393	85.980	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	3566030	64.159	ng	0.00
79) Terphenyl-d14	19.945	244	4689513	57.466	ng	0.00
Target Compounds						
6) Aniline	7.378	93	150707	6.575	ng	# 49
11) bis(2-Chloroethyl)ether	7.378	93	150707	8.073	ng	# 19
19) n-Nitroso-di-n-propyla...	9.099	70	163496	10.462	ng	# 88
32) Benzoic acid	10.039	122	116	10.280	ng	# 44
51) 2,6-Dinitrotoluene	14.575	165	105297	8.208	ng	# 29
54) 2,4-Dinitrophenol	14.698	184	116	8.250	ng	# 1
57) 2,4-Dinitrotoluene	14.575	165	105297	6.036	ng	# 26
67) 4-Bromophenyl-phenylether	16.067	248	56824	2.820	ng	# 1

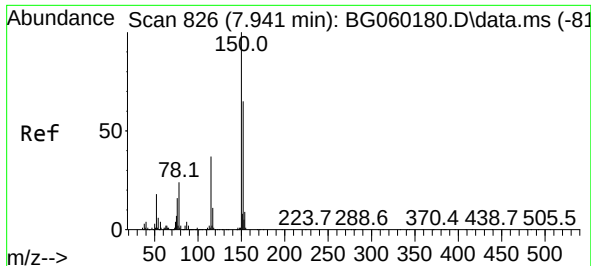
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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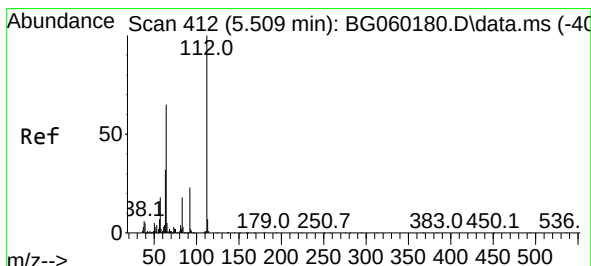
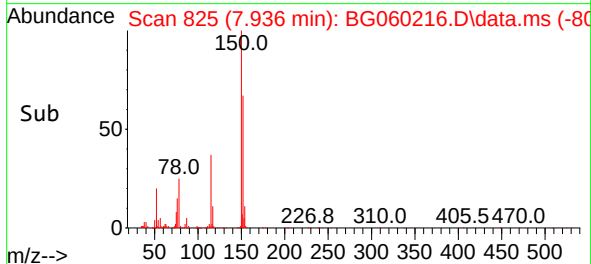
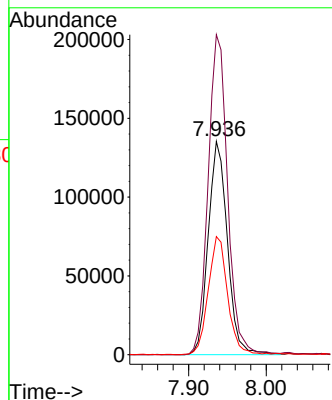
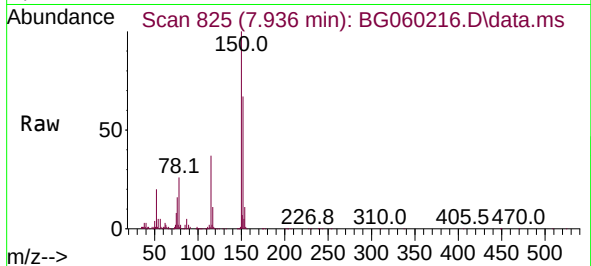




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.936 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG060216.D
Acq: 3 Jan 2024 6:38

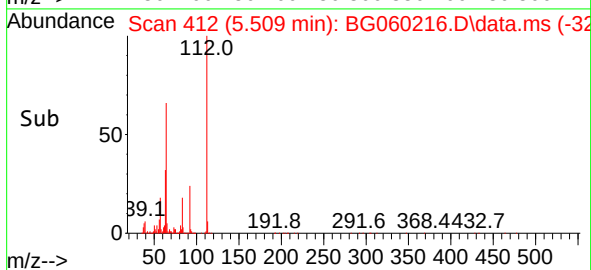
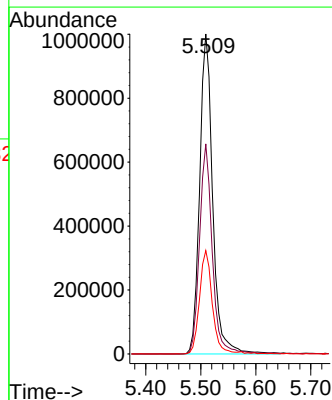
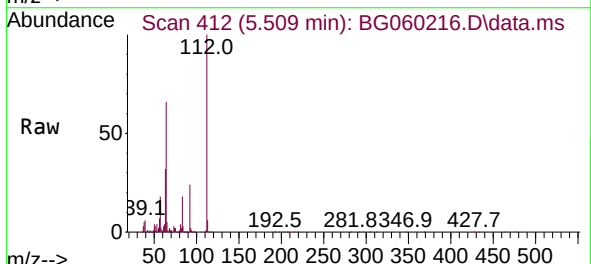
Instrument :
BNA_G
ClientSampleId :

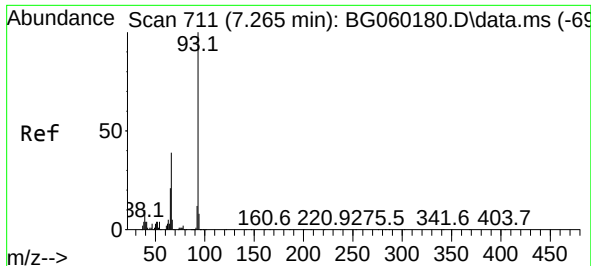
Tgt Ion:152 Resp: 232545
Ion Ratio Lower Upper
152 100
150 150.0 123.4 185.0
115 55.4 45.4 68.0



#5
2-Fluorophenol
Concen: 107.087 ng
RT: 5.509 min Scan# 412
Delta R.T. 0.000 min
Lab File: BG060216.D
Acq: 3 Jan 2024 6:38

Tgt Ion:112 Resp: 1649904
Ion Ratio Lower Upper
112 100
64 65.6 52.2 78.4
63 32.3 25.4 38.0

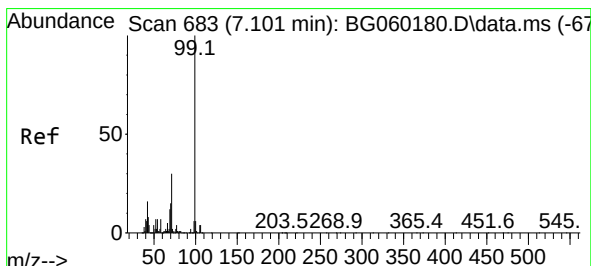
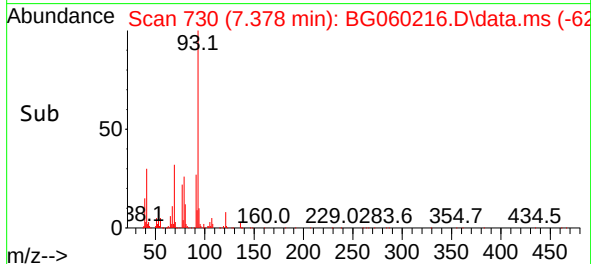
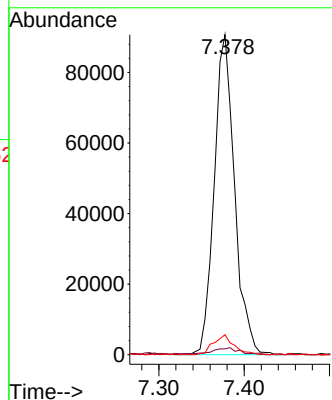
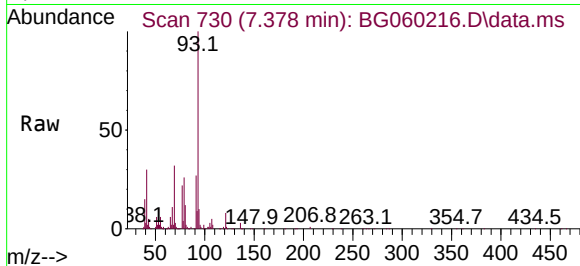




#6
Aniline
Concen: 6.575 ng
RT: 7.378 min Scan# 711
Delta R.T. 0.112 min
Lab File: BG060216.D
Acq: 3 Jan 2024 6:38

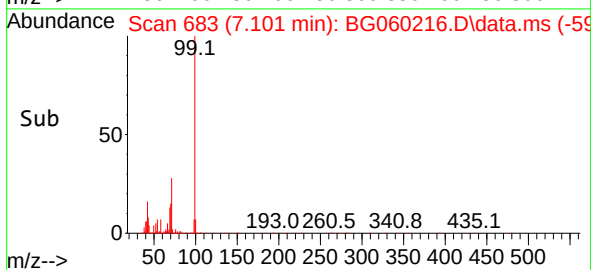
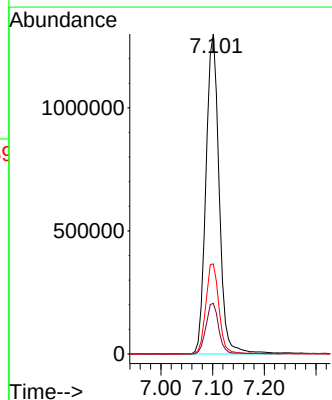
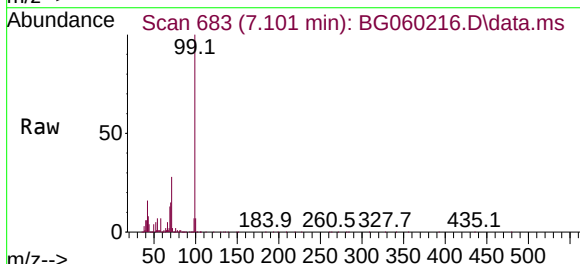
Instrument :
BNA_G
ClientSampleId :

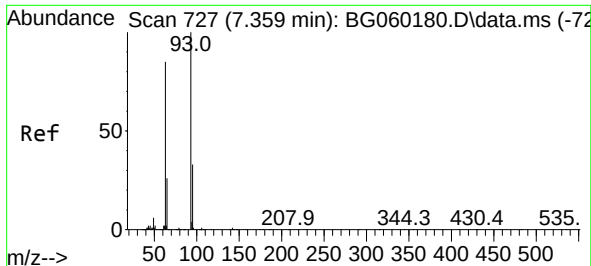
Tgt Ion: 93 Resp: 150707
Ion Ratio Lower Upper
93 100
66 1.8 31.7 47.5#
65 6.3 16.7 25.1#



#7
Phenol-d6
Concen: 100.919 ng
RT: 7.101 min Scan# 683
Delta R.T. 0.000 min
Lab File: BG060216.D
Acq: 3 Jan 2024 6:38

Tgt Ion: 99 Resp: 2308615
Ion Ratio Lower Upper
99 100
42 15.8 12.5 18.7
71 28.1 24.1 36.1

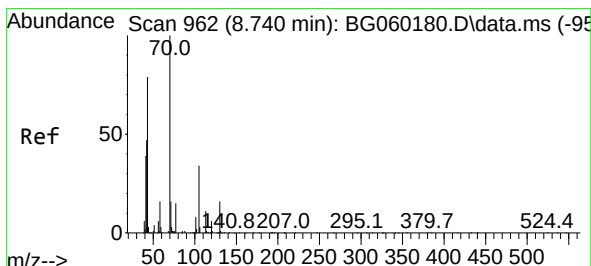
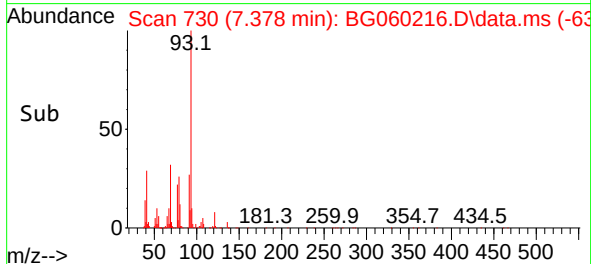
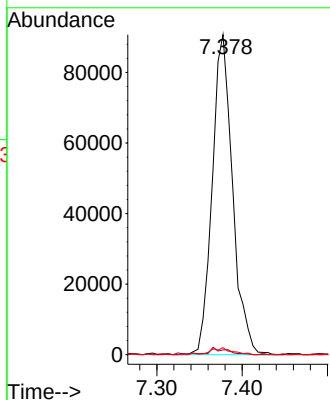
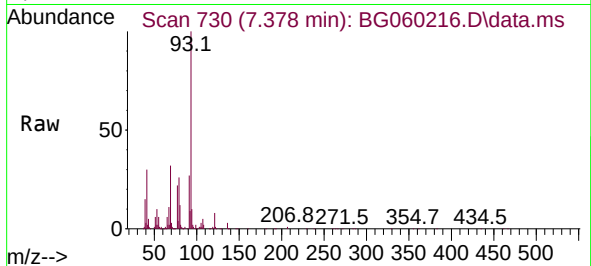




#11
bis(2-Chloroethyl)ether
Concen: 8.073 ng
RT: 7.378 min Scan# 71
Delta R.T. 0.018 min
Lab File: BG060216.D
Acq: 3 Jan 2024 6:38

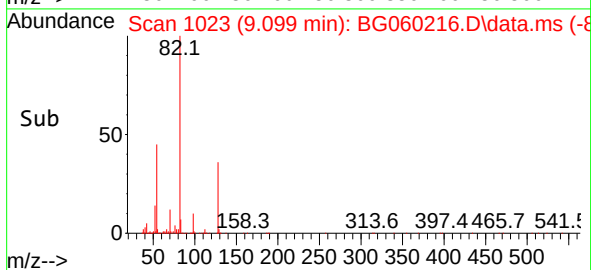
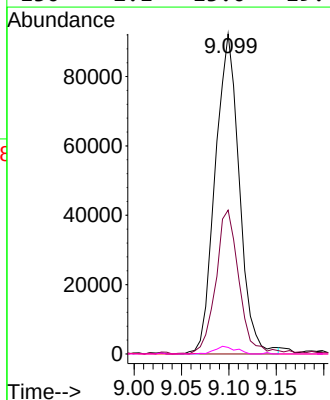
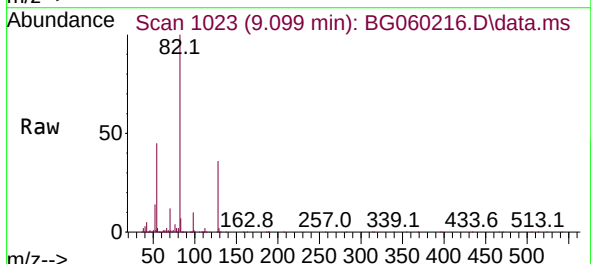
Instrument :
BNA_G
ClientSampleId :

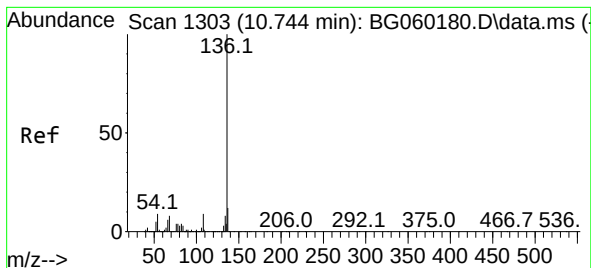
Tgt Ion: 93 Resp: 150707
Ion Ratio Lower Upper
93 100
63 1.5 63.8 103.8#
95 2.2 12.3 52.3#



#19
n-Nitroso-di-n-propylamine
Concen: 10.462 ng
RT: 9.099 min Scan# 1023
Delta R.T. 0.359 min
Lab File: BG060216.D
Acq: 3 Jan 2024 6:38

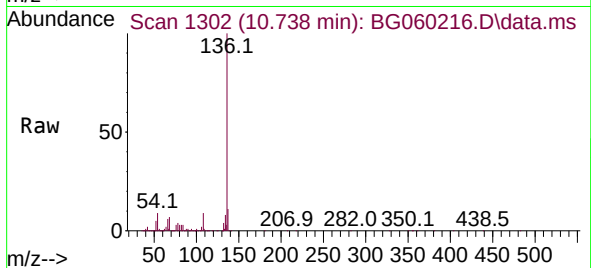
Tgt Ion: 70 Resp: 163496
Ion Ratio Lower Upper
70 100
42 44.9 37.9 56.9
101 0.0 6.2 9.2#
130 2.1 13.0 19.4#





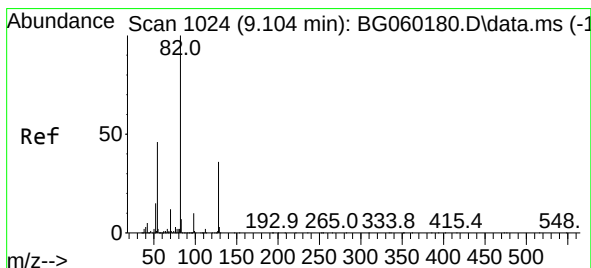
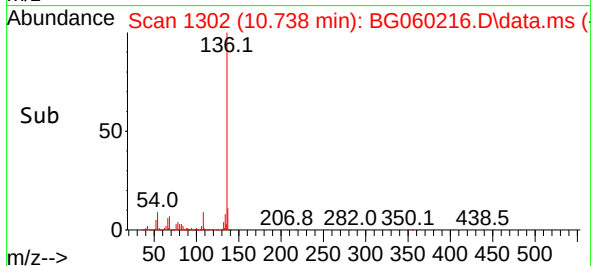
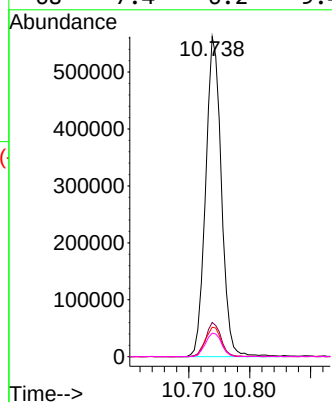
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG060216.D
Acq: 3 Jan 2024 6:38

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:136 Resp: 1005667

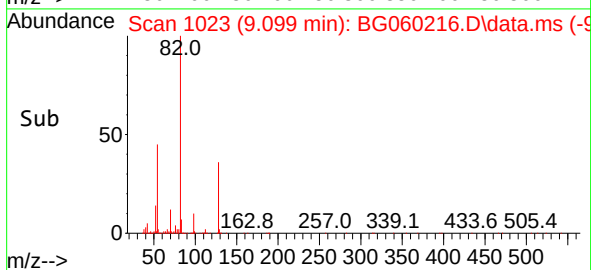
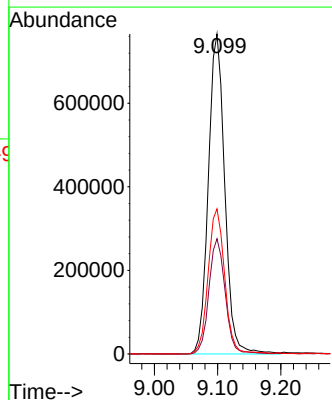
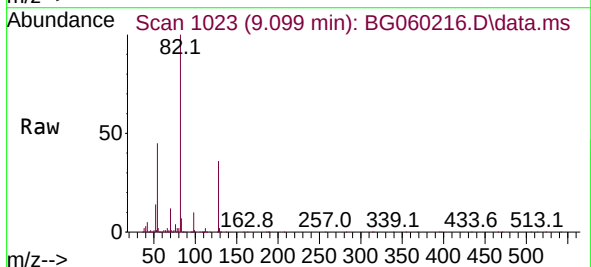
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.4	14.0
54	9.2	7.4	11.2
68	7.4	6.2	9.4

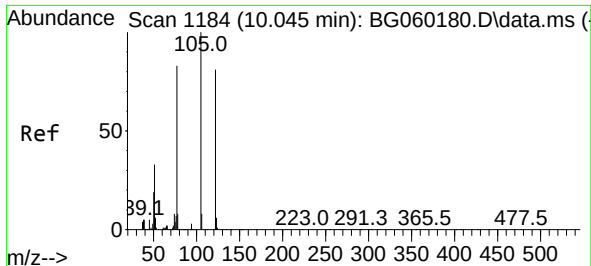


#23
Nitrobenzene-d5
Concen: 63.445 ng
RT: 9.099 min Scan# 1023
Delta R.T. -0.005 min
Lab File: BG060216.D
Acq: 3 Jan 2024 6:38

Tgt Ion: 82 Resp: 1381360

Ion	Ratio	Lower	Upper
82	100		
128	36.0	28.7	43.1
54	45.3	36.9	55.3

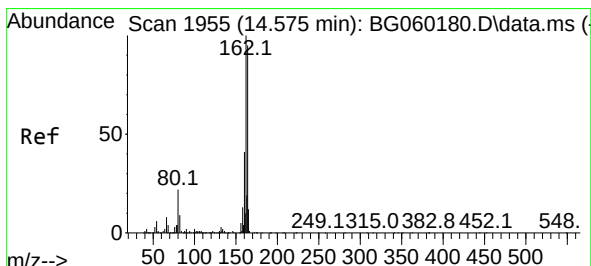
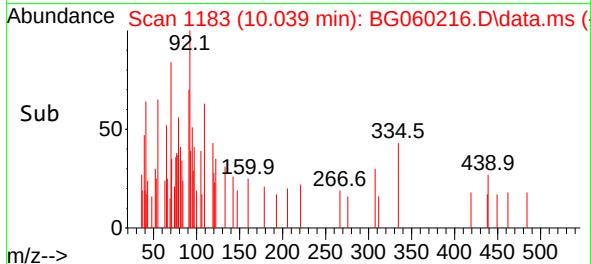
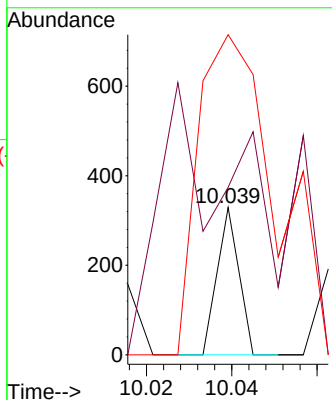
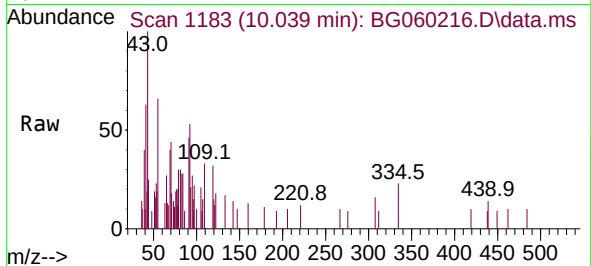




#32
Benzoic acid
Concen: 10.280 ng
RT: 10.039 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BG060216.D
Acq: 3 Jan 2024 6:38

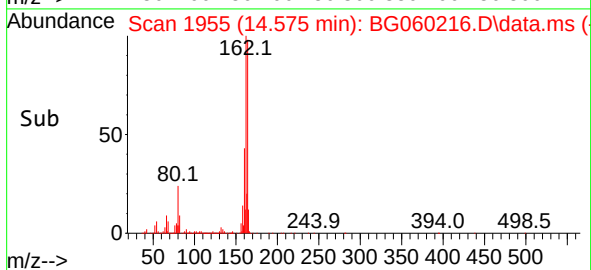
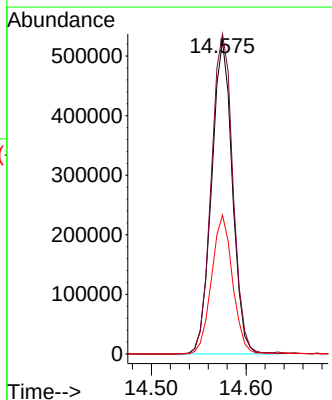
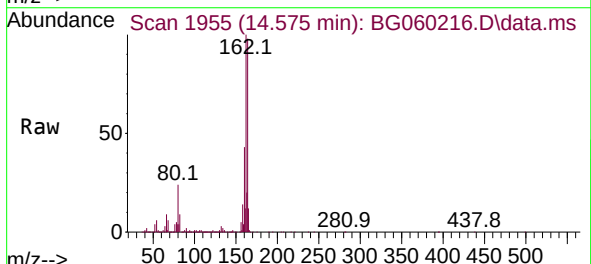
Instrument :
BNA_G
ClientSampleId :

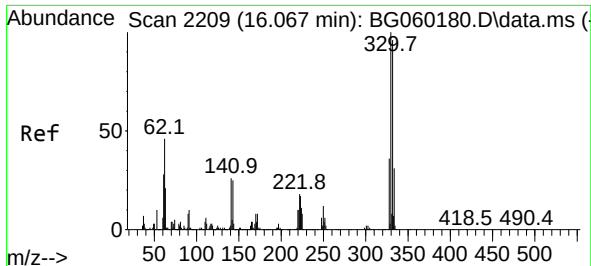
Tgt Ion:122 Resp: 116
Ion Ratio Lower Upper
122 100
105 113.7 99.2 139.2
77 217.3 81.0 121.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BG060216.D
Acq: 3 Jan 2024 6:38

Tgt Ion:164 Resp: 798827
Ion Ratio Lower Upper
164 100
162 102.2 83.9 125.9
160 44.3 34.2 51.4

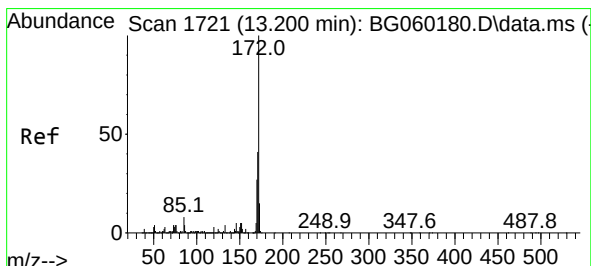
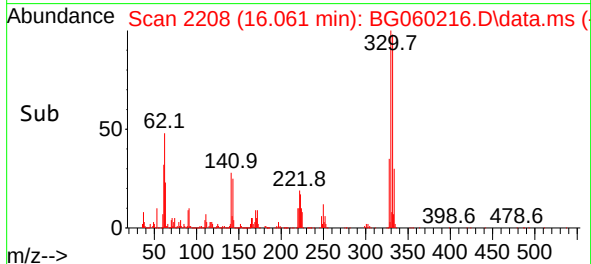
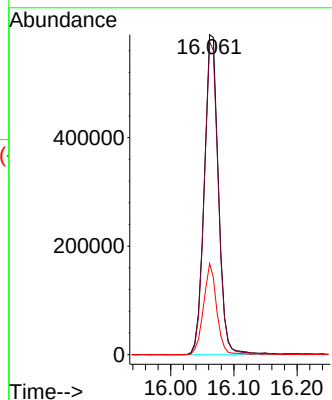
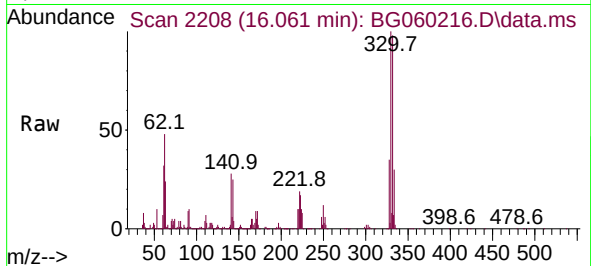




#42
2,4,6-Tribromophenol
Concen: 85.980 ng
RT: 16.061 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG060216.D
Acq: 3 Jan 2024 6:38

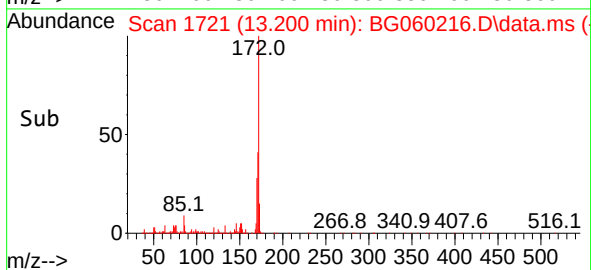
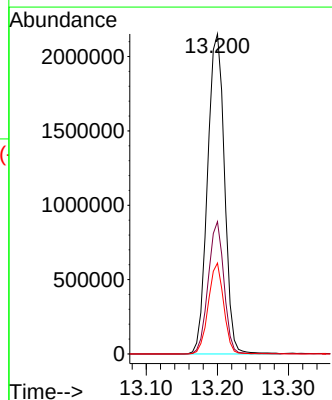
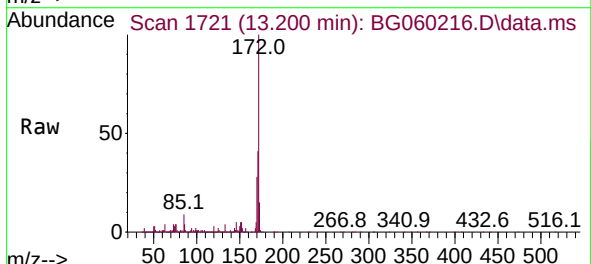
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ClientSampleId :

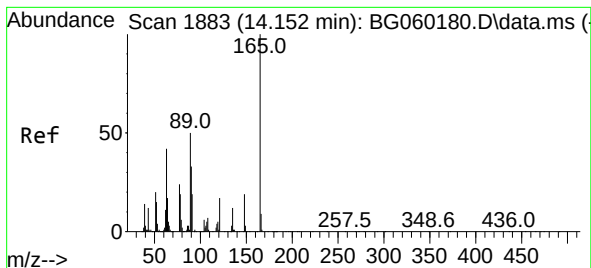
Tgt Ion:330 Resp: 919393
Ion Ratio Lower Upper
330 100
332 97.2 76.7 115.1
141 26.5 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 64.159 ng
RT: 13.200 min Scan# 1721
Delta R.T. 0.000 min
Lab File: BG060216.D
Acq: 3 Jan 2024 6:38

Tgt Ion:172 Resp: 3566030
Ion Ratio Lower Upper
172 100
171 41.3 32.6 48.8
170 28.4 21.8 32.6

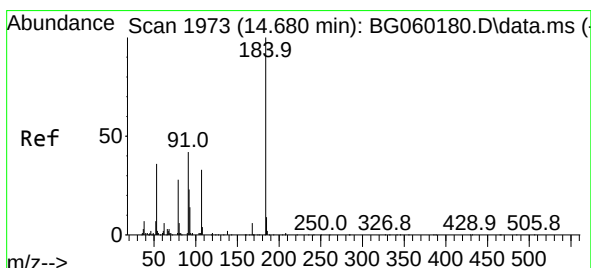
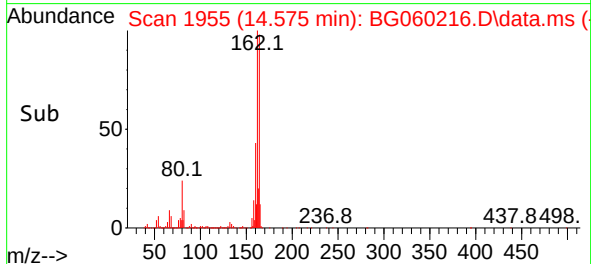
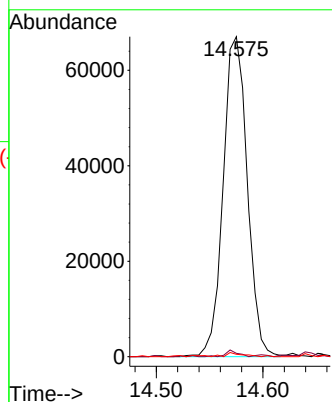
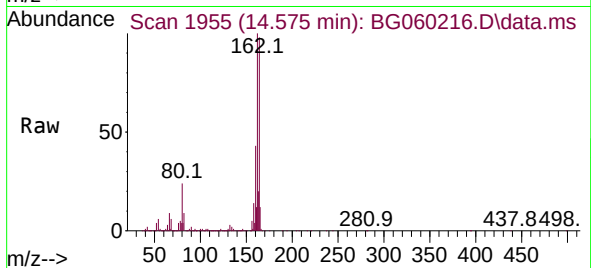




#51
2,6-Dinitrotoluene
Concen: 8.208 ng
RT: 14.575 min Scan# 1955
Delta R.T. 0.423 min
Lab File: BG060216.D
Acq: 3 Jan 2024 6:38

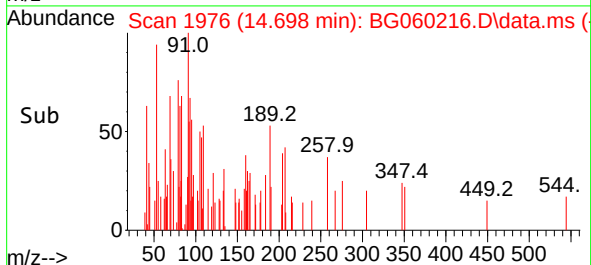
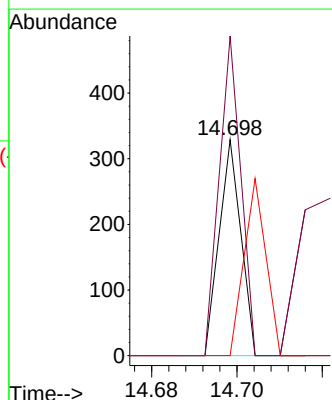
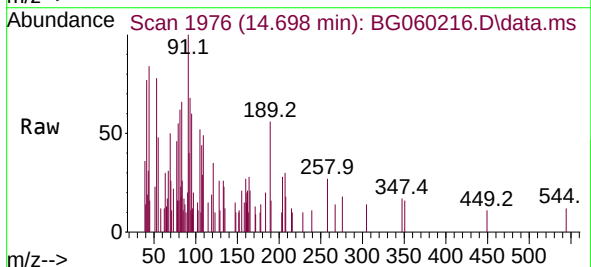
Instrument :
BNA_G
ClientSampleId :

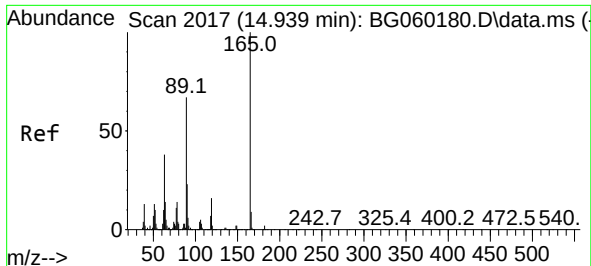
Tgt Ion:165 Resp: 105297
Ion Ratio Lower Upper
165 100
63 1.1 39.3 58.9#
89 0.7 39.8 59.8#



#54
2,4-Dinitrophenol
Concen: 8.250 ng
RT: 14.698 min Scan# 1976
Delta R.T. 0.018 min
Lab File: BG060216.D
Acq: 3 Jan 2024 6:38

Tgt Ion:184 Resp: 116
Ion Ratio Lower Upper
184 100
63 148.0 45.4 68.2#
154 0.0 40.0 60.0#





#57

2,4-Dinitrotoluene

Concen: 6.036 ng

RT: 14.575 min Scan# 1955

Delta R.T. -0.364 min

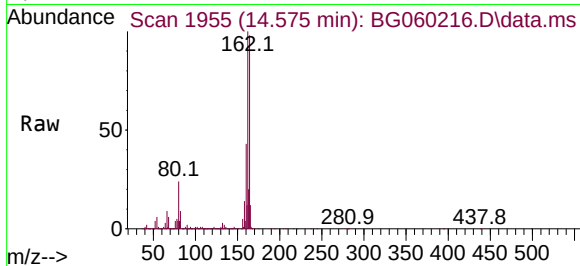
Lab File: BG060216.D

Acq: 3 Jan 2024 6:38

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 105297

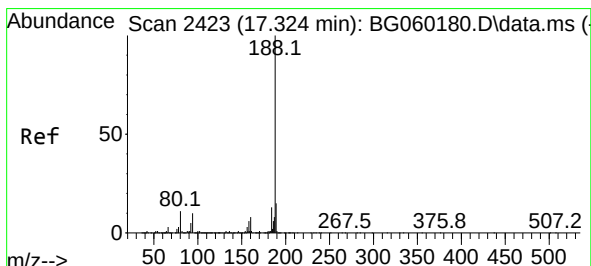
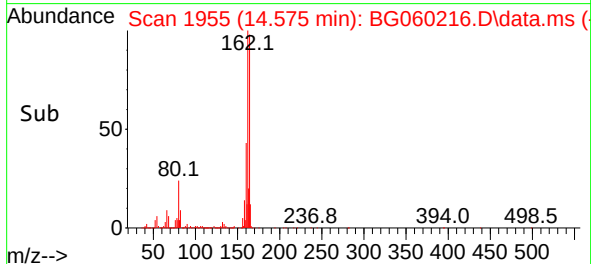
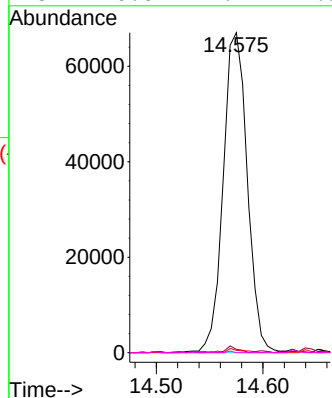
Ion Ratio Lower Upper

165 100

63 1.1 31.0 46.6#

89 0.7 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. 0.000 min

Lab File: BG060216.D

Acq: 3 Jan 2024 6:38

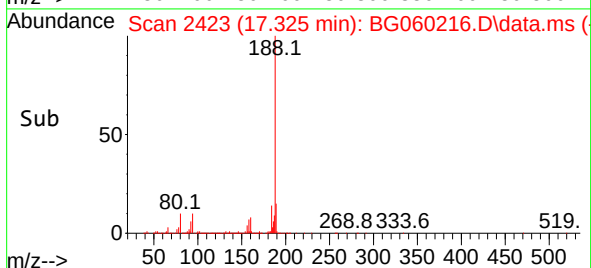
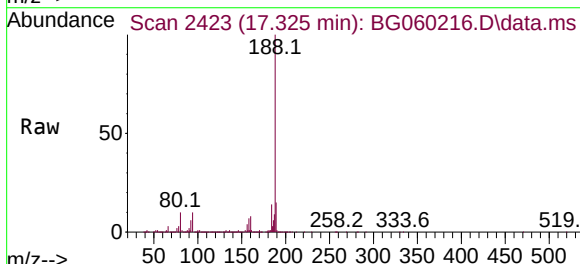
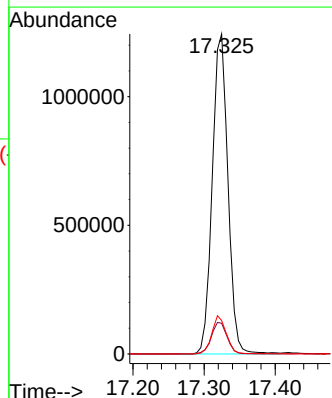
Tgt Ion:188 Resp: 1900378

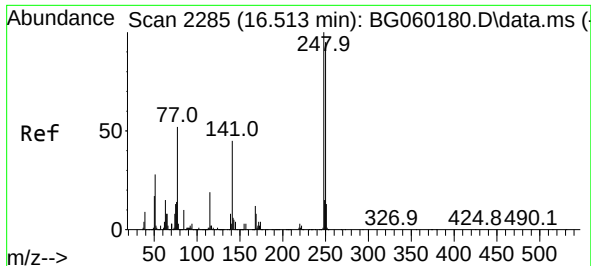
Ion Ratio Lower Upper

188 100

94 9.6 7.8 11.6

80 10.4 8.6 13.0



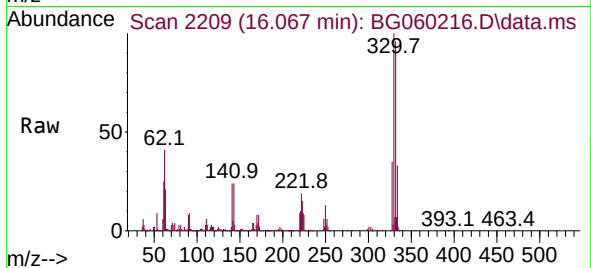


#67
4-Bromophenyl-phenylether
Concen: 2.820 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG060216.D
Acq: 3 Jan 2024 6:38

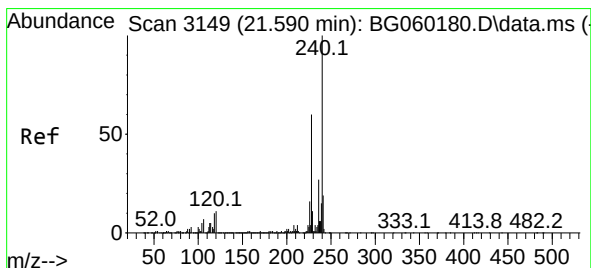
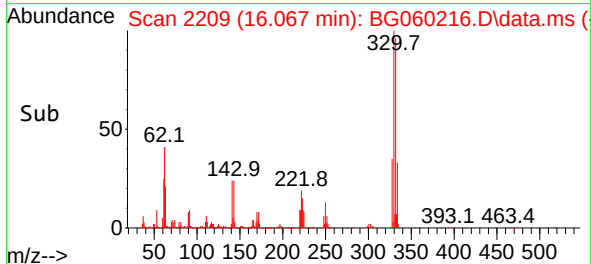
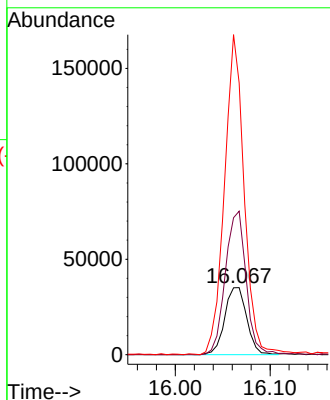
Instrument :

BNA_G

ClientSampleId :

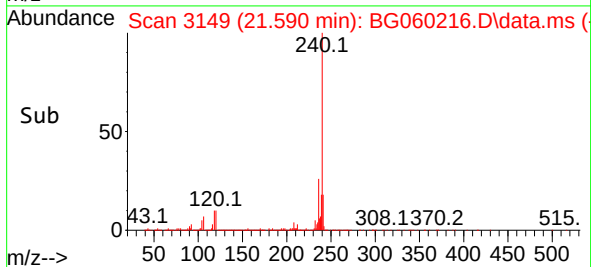
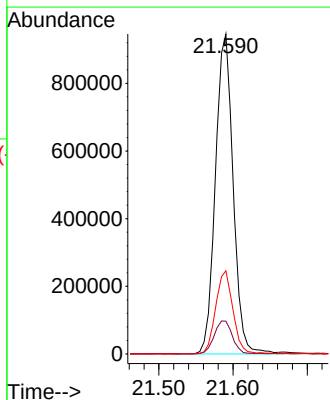
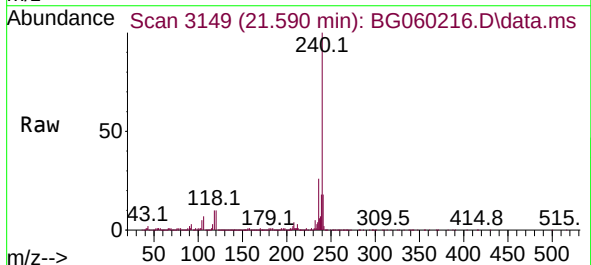


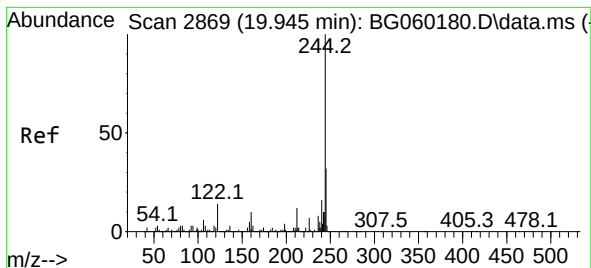
Tgt Ion:248 Resp: 56824
Ion Ratio Lower Upper
248 100
250 268.0 76.2 114.4#
141 405.2 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.590 min Scan# 3149
Delta R.T. 0.000 min
Lab File: BG060216.D
Acq: 3 Jan 2024 6:38

Tgt Ion:240 Resp: 1568851
Ion Ratio Lower Upper
240 100
120 10.3 8.5 12.7
236 26.0 21.4 32.2





#79

Terphenyl-d14

Concen: 57.466 ng

RT: 19.945 min Scan# 2

Delta R.T. 0.000 min

Lab File: BG060216.D

Acq: 3 Jan 2024 6:38

Instrument :

BNA_G

ClientSampleId :

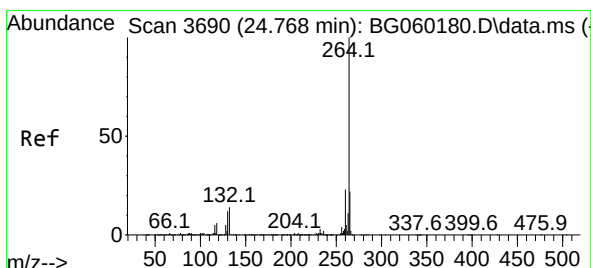
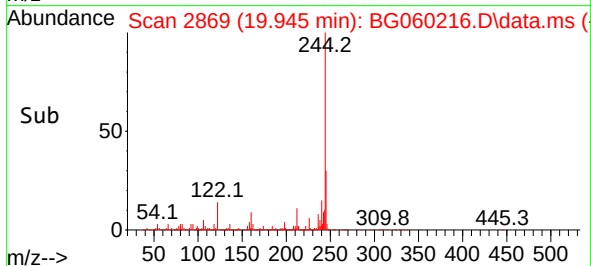
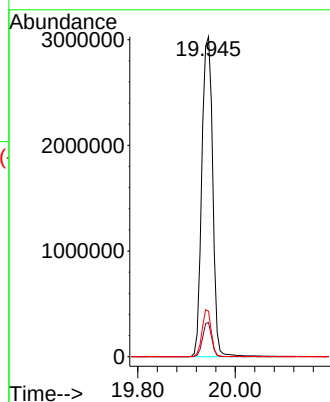
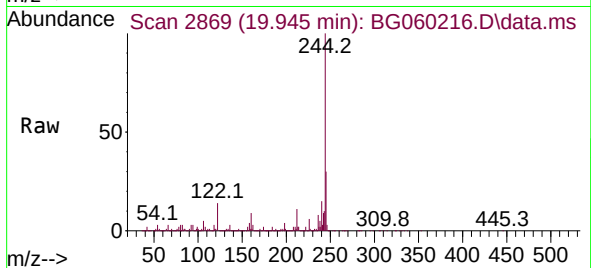
Tgt Ion:244 Resp: 4689513

Ion Ratio Lower Upper

244 100

212 10.7 9.5 14.3

122 14.2 11.4 17.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.763 min Scan# 3689

Delta R.T. -0.005 min

Lab File: BG060216.D

Acq: 3 Jan 2024 6:38

Tgt Ion:264 Resp: 1762499

Ion Ratio Lower Upper

264 100

260 22.6 18.0 27.0

265 21.1 17.4 26.0

