

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
 Data File : BG060253.D
 Acq On : 4 Jan 2024 20:22
 Operator : MA/JU
 Sample : 06017-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB32-2-20231222-16.0-17.0

Quant Time: Jan 05 01:46:31 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)

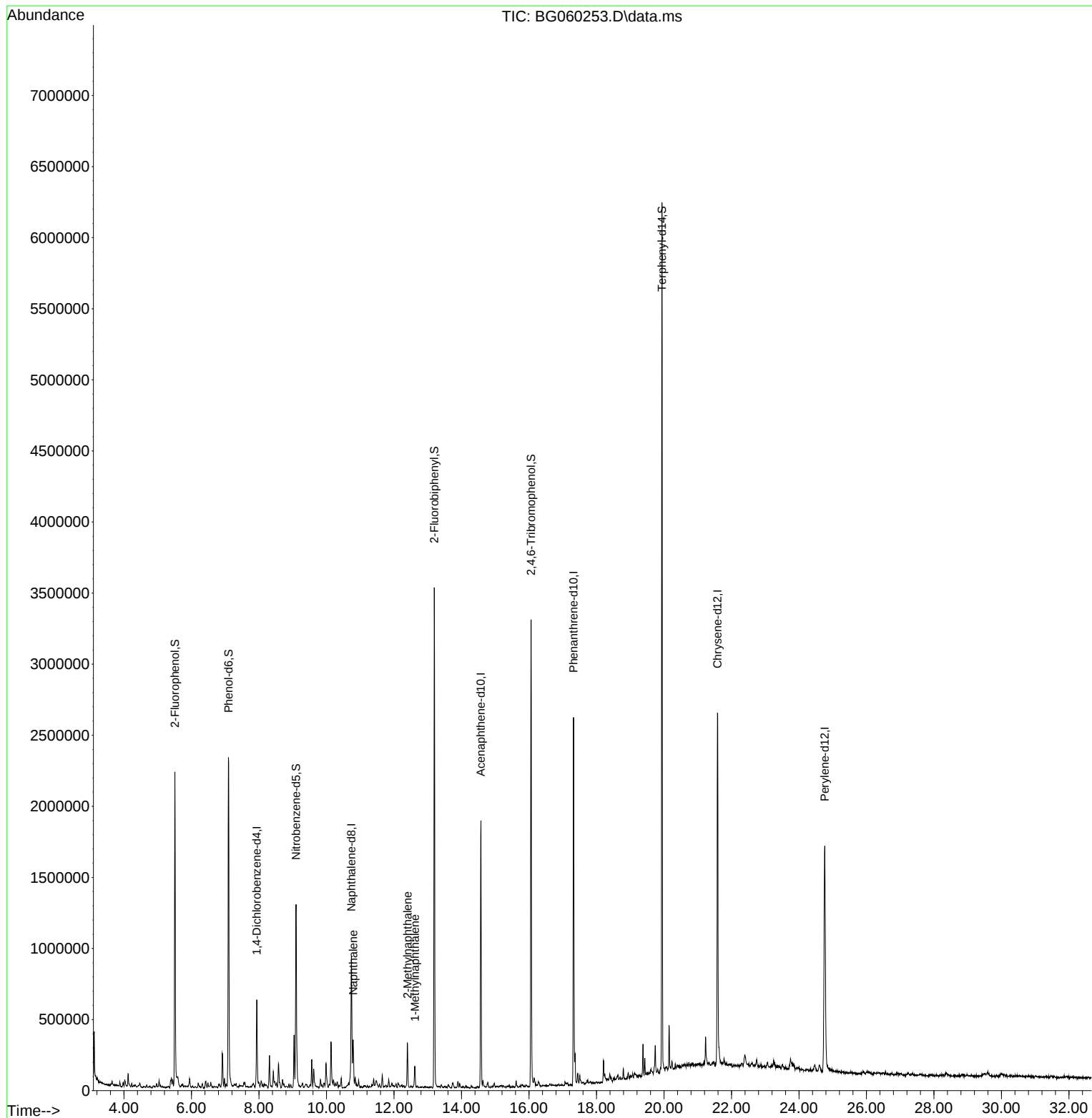
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	197311	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	812066	20.000	ng	0.00
39) Acenaphthene-d10	14.576	164	658661	20.000	ng	0.00
64) Phenanthrene-d10	17.320	188	1745036	20.000	ng	0.00
76) Chrysene-d12	21.585	240	1540022	20.000	ng	0.00
86) Perylene-d12	24.764	264	1769133	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1048850	80.232	ng	0.00
7) Phenol-d6	7.096	99	1581803	81.495	ng	0.00
23) Nitrobenzene-d5	9.100	82	886129	50.403	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	690404	78.305	ng	0.00
45) 2-Fluorobiphenyl	13.195	172	1967757	42.937	ng	0.00
79) Terphenyl-d14	19.940	244	3138013	39.174	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.792	128	220020	5.132	ng	98
37) 2-Methylnaphthalene	12.402	142	159080	5.137	ng	94
38) 1-Methylnaphthalene	12.619	142	78303	2.501	ng	88

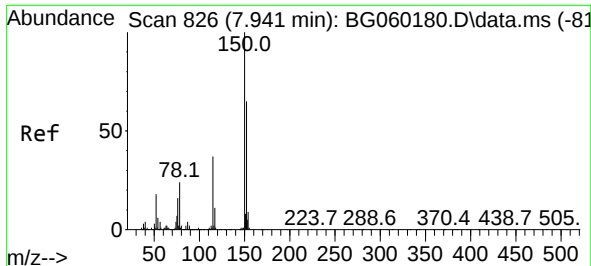
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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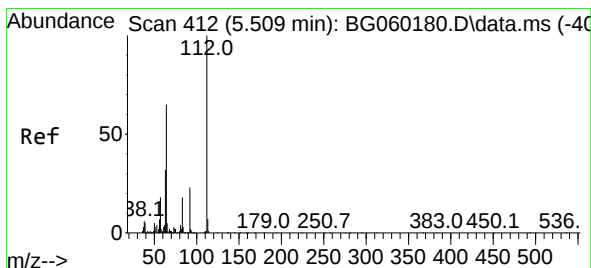
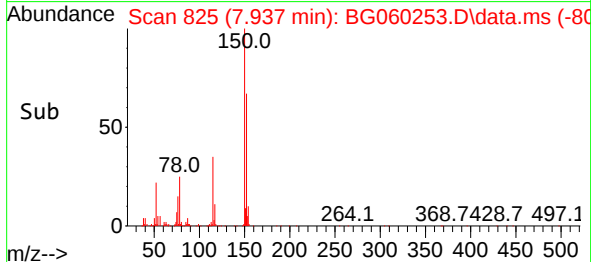
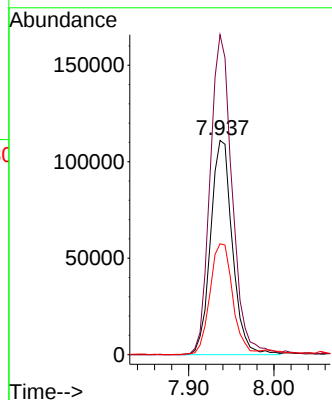
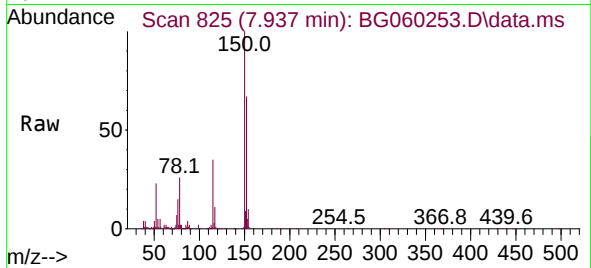




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060253.D
Acq: 4 Jan 2024 20:22

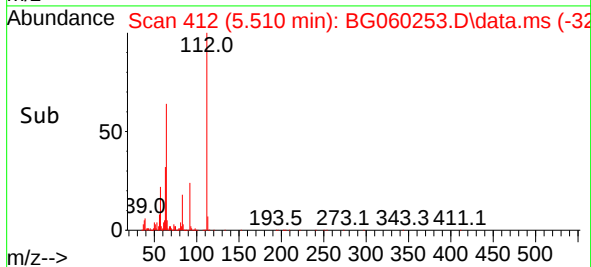
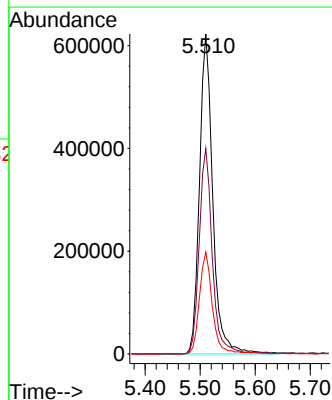
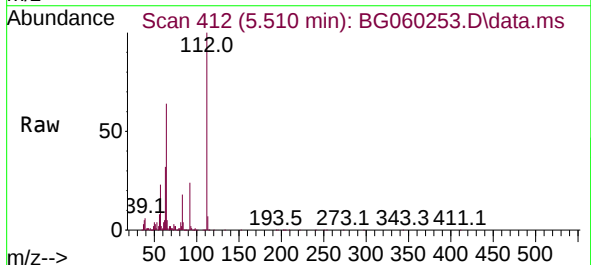
Instrument :
BNA_G
ClientSampleId :
SB32-2-20231222-16.0-17.0

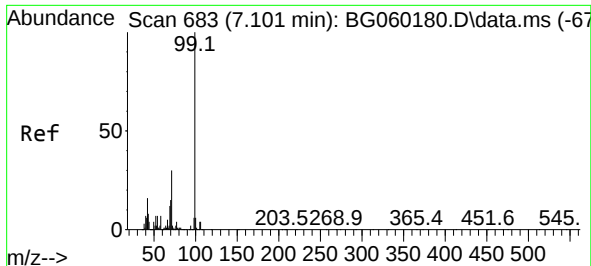
Tgt Ion:152 Resp: 197311
Ion Ratio Lower Upper
152 100
150 149.4 123.4 185.0
115 51.8 45.4 68.0



#5
2-Fluorophenol
Concen: 80.232 ng
RT: 5.510 min Scan# 412
Delta R.T. 0.001 min
Lab File: BG060253.D
Acq: 4 Jan 2024 20:22

Tgt Ion:112 Resp: 1048850
Ion Ratio Lower Upper
112 100
64 64.2 52.2 78.4
63 31.9 25.4 38.0



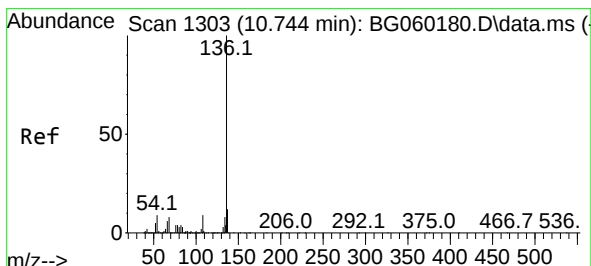
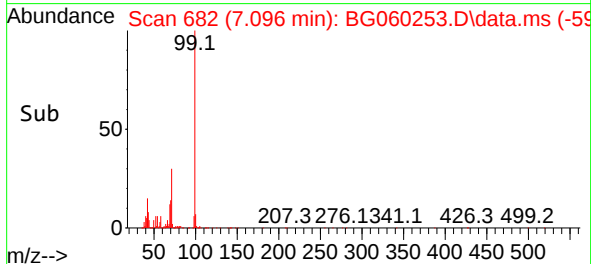
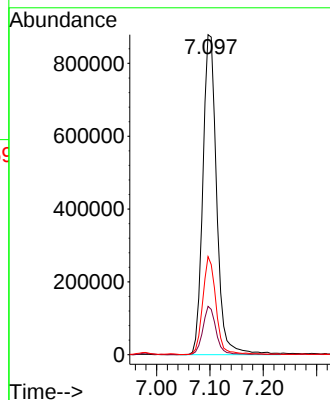
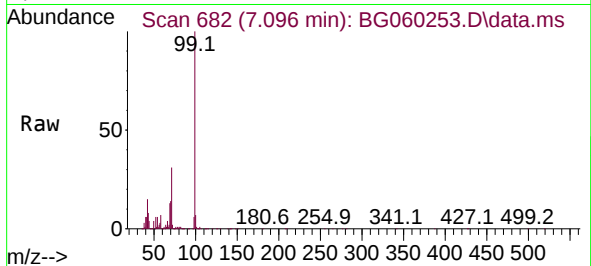


#7
Phenol-d6
Concen: 81.495 ng
RT: 7.096 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG060253.D
Acq: 4 Jan 2024 20:22

Instrument :
BNA_G
ClientSampleId :
SB32-2-20231222-16.0-17.0

Tgt Ion: 99 Resp: 1581803

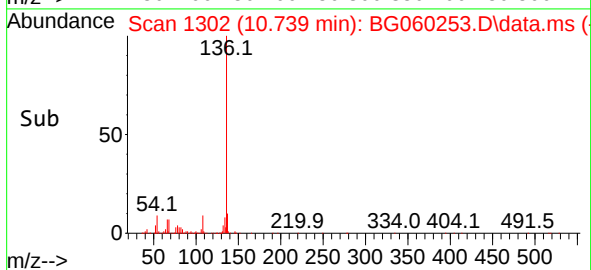
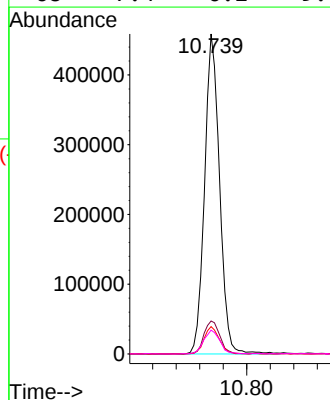
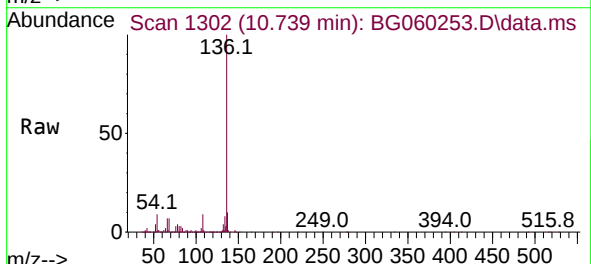
Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.5	18.7
71	30.6	24.1	36.1

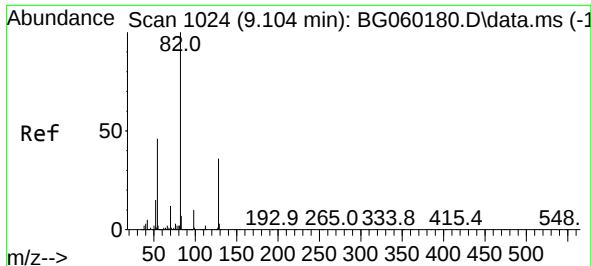


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 1302
Delta R.T. -0.004 min
Lab File: BG060253.D
Acq: 4 Jan 2024 20:22

Tgt Ion: 136 Resp: 812066

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.4	14.0
54	8.6	7.4	11.2
68	7.4	6.2	9.4





#23

Nitrobenzene-d5

Concen: 50.403 ng

RT: 9.100 min Scan# 1024

Delta R.T. -0.004 min

Lab File: BG060253.D

Acq: 4 Jan 2024 20:22

Instrument :

BNA_G

ClientSampleId :

SB32-2-20231222-16.0-17.0

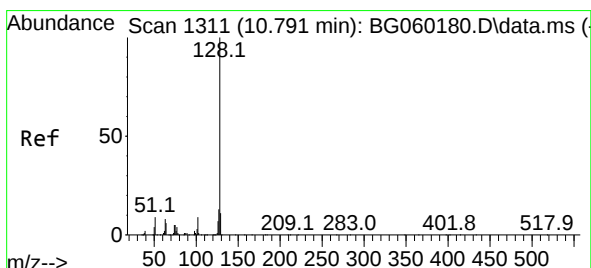
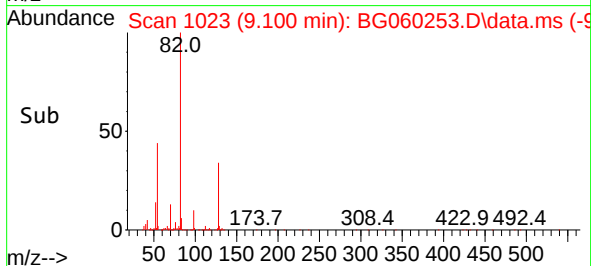
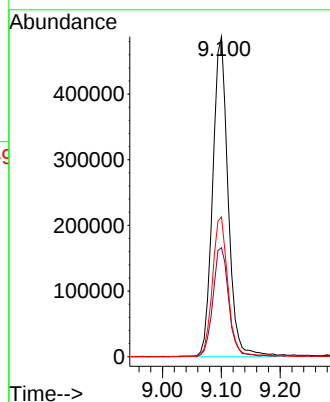
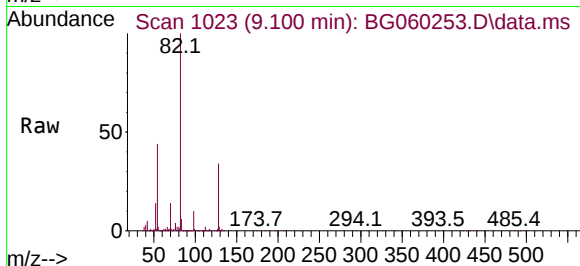
Tgt Ion: 82 Resp: 886129

Ion Ratio Lower Upper

82 100

128 34.0 28.7 43.1

54 43.7 36.9 55.3



#31

Naphthalene

Concen: 5.132 ng

RT: 10.792 min Scan# 1311

Delta R.T. 0.001 min

Lab File: BG060253.D

Acq: 4 Jan 2024 20:22

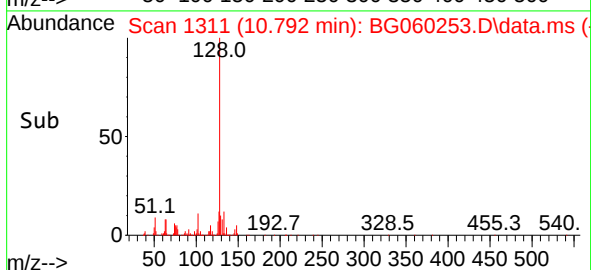
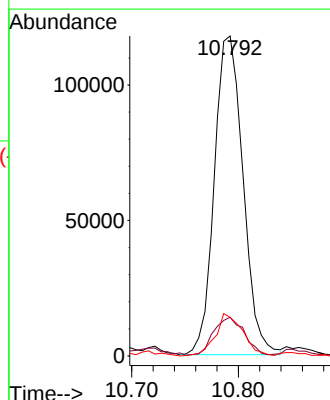
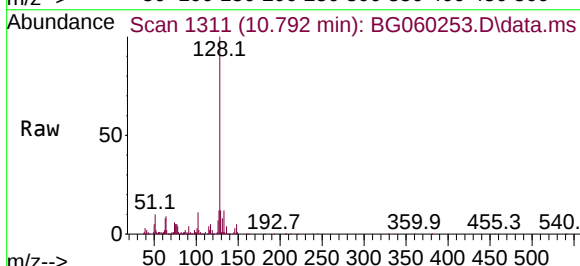
Tgt Ion:128 Resp: 220020

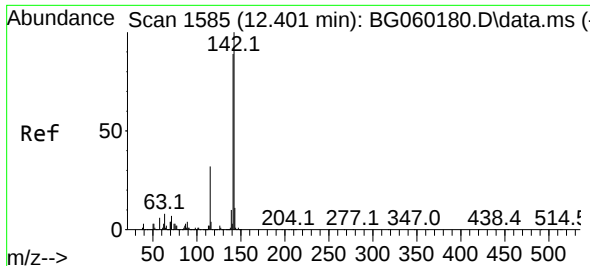
Ion Ratio Lower Upper

128 100

129 12.1 9.2 13.8

127 12.0 10.6 16.0

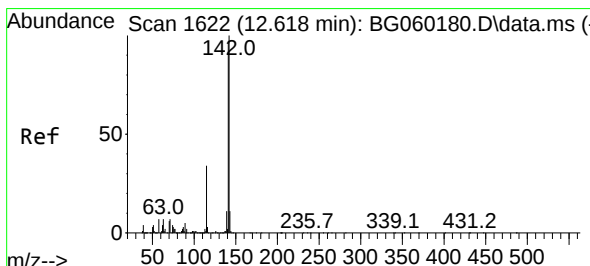
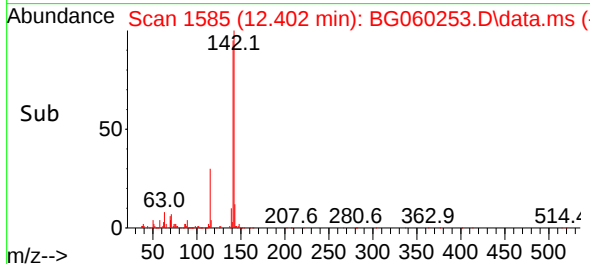
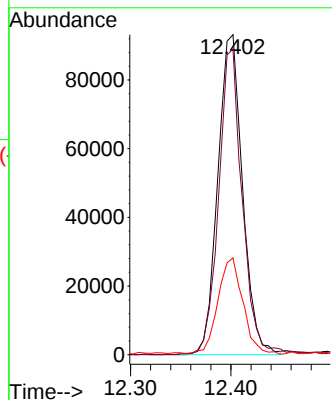
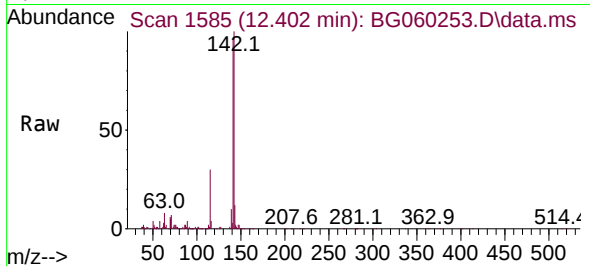




#37
2-Methylnaphthalene
Concen: 5.137 ng
RT: 12.402 min Scan# 1585
Delta R.T. 0.001 min
Lab File: BG060253.D
Acq: 4 Jan 2024 20:22

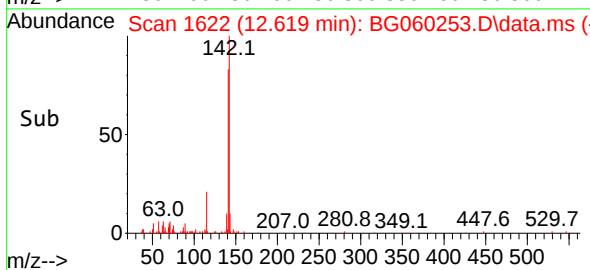
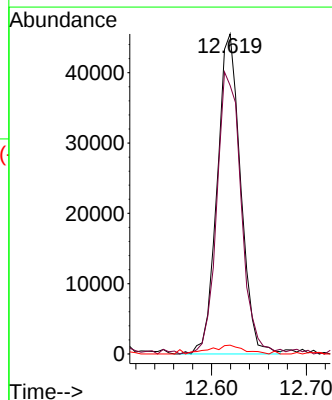
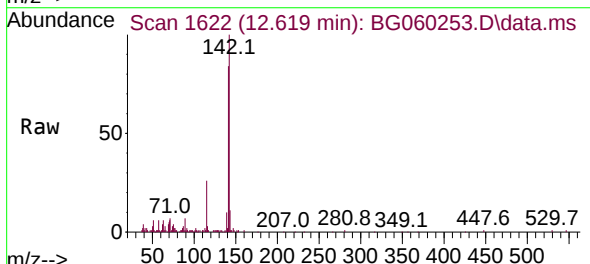
Instrument :
BNA_G
ClientSampleId :
SB32-2-20231222-16.0-17.0

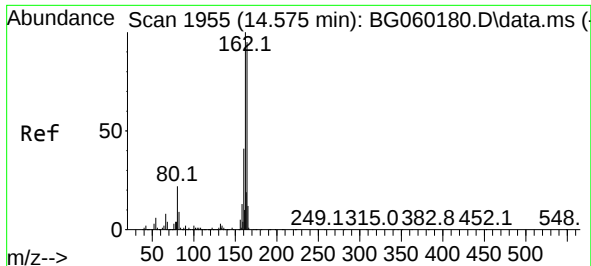
Tgt Ion:142 Resp: 159080
Ion Ratio Lower Upper
142 100
141 95.5 71.1 106.7
115 30.3 25.5 38.3



#38
1-Methylnaphthalene
Concen: 2.501 ng
RT: 12.619 min Scan# 1622
Delta R.T. 0.001 min
Lab File: BG060253.D
Acq: 4 Jan 2024 20:22

Tgt Ion:142 Resp: 78303
Ion Ratio Lower Upper
142 100
141 83.9 76.6 114.8
116 2.7 2.6 3.8

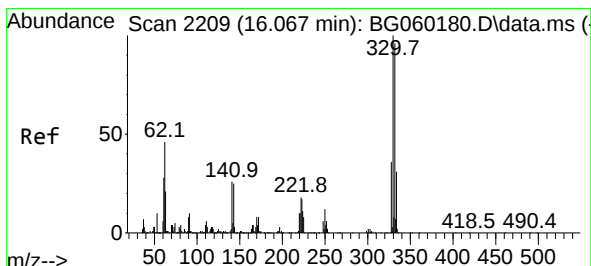
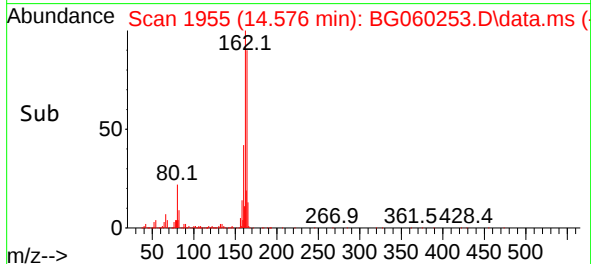
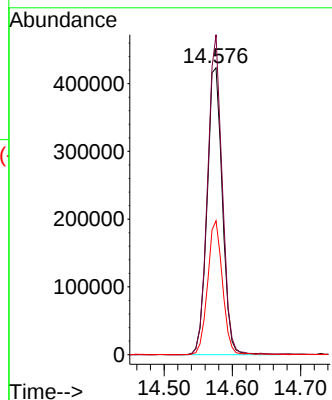
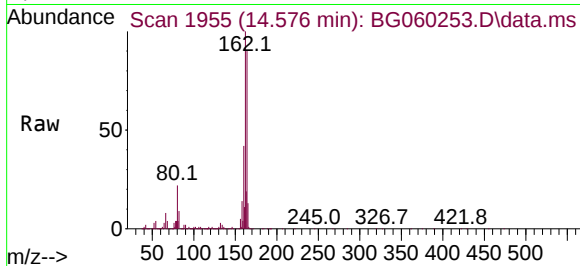




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.576 min Scan# 1955
Delta R.T. 0.001 min
Lab File: BG060253.D
Acq: 4 Jan 2024 20:22

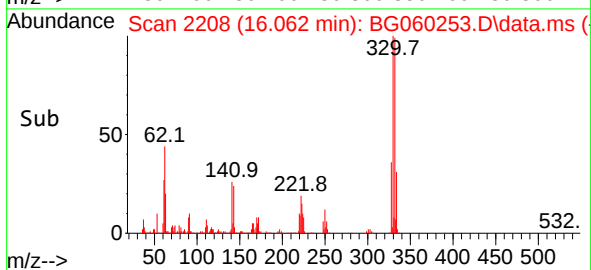
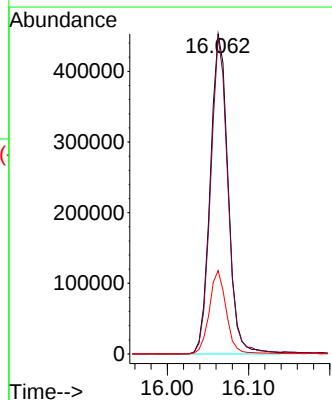
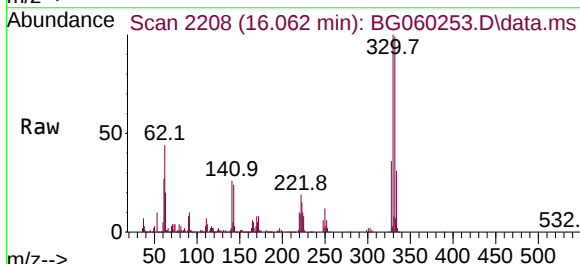
Instrument :
BNA_G
ClientSampleId :
SB32-2-20231222-16.0-17.0

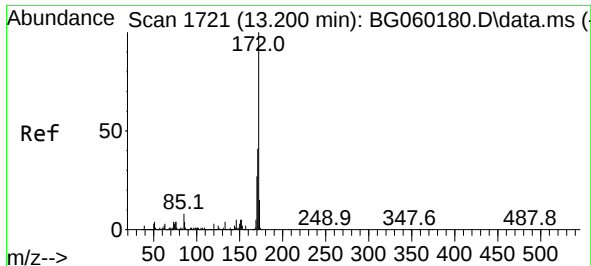
Tgt Ion:164 Resp: 658661
Ion Ratio Lower Upper
164 100
162 111.5 83.9 125.9
160 46.7 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 78.305 ng
RT: 16.062 min Scan# 2208
Delta R.T. -0.004 min
Lab File: BG060253.D
Acq: 4 Jan 2024 20:22

Tgt Ion:330 Resp: 690404
Ion Ratio Lower Upper
330 100
332 96.6 76.7 115.1
141 24.9 21.0 31.4

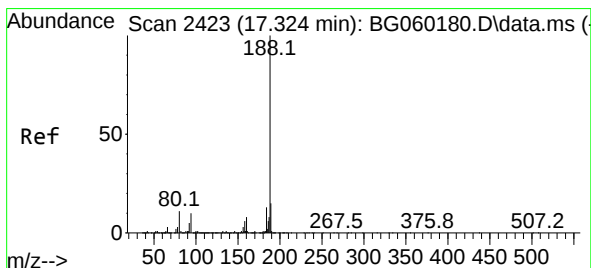
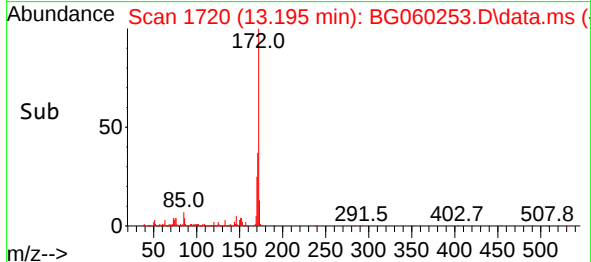
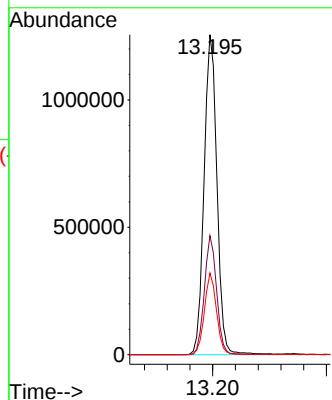
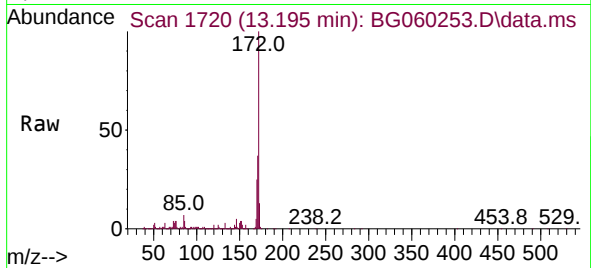




#45
2-Fluorobiphenyl
Concen: 42.937 ng
RT: 13.195 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG060253.D
Acq: 4 Jan 2024 20:22

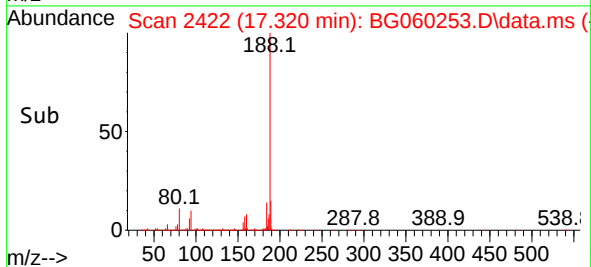
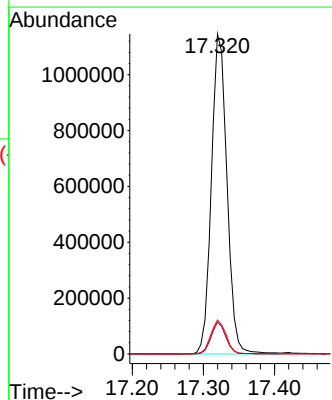
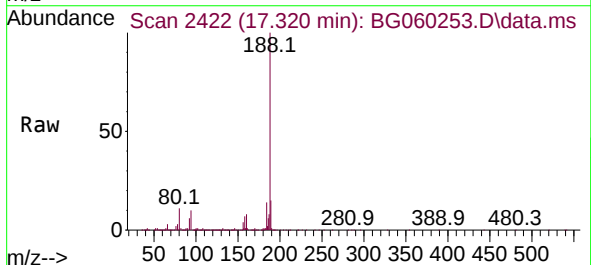
Instrument :
BNA_G
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SB32-2-20231222-16.0-17.0

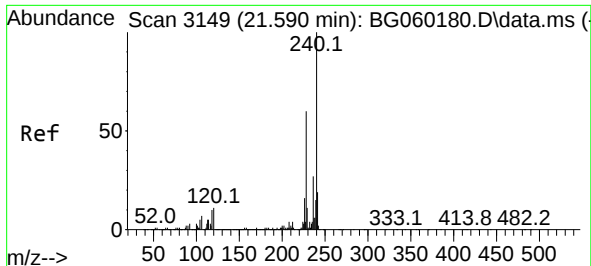
Tgt Ion:172 Resp: 1967757
Ion Ratio Lower Upper
172 100
171 37.2 32.6 48.8
170 25.5 21.8 32.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.320 min Scan# 2422
Delta R.T. -0.004 min
Lab File: BG060253.D
Acq: 4 Jan 2024 20:22

Tgt Ion:188 Resp: 1745036
Ion Ratio Lower Upper
188 100
94 9.9 7.8 11.6
80 10.6 8.6 13.0

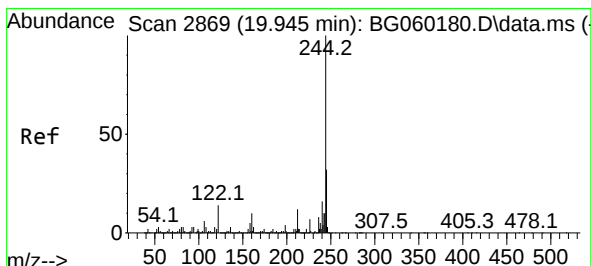
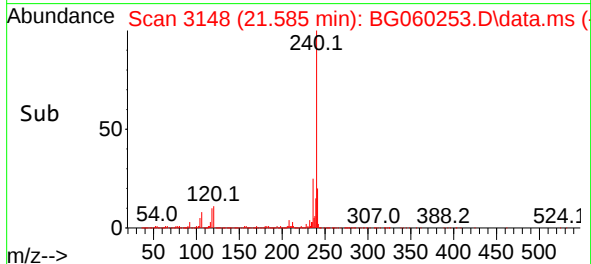
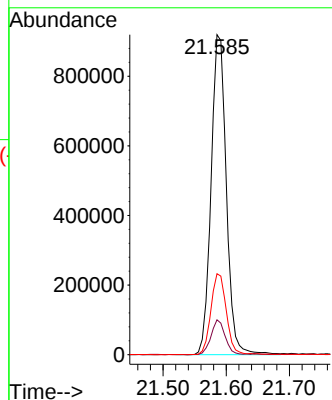
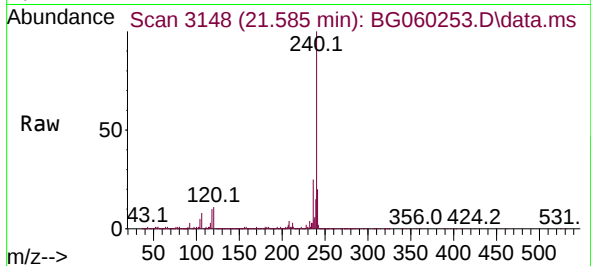




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.585 min Scan# 3149
Delta R.T. -0.004 min
Lab File: BG060253.D
Acq: 4 Jan 2024 20:22

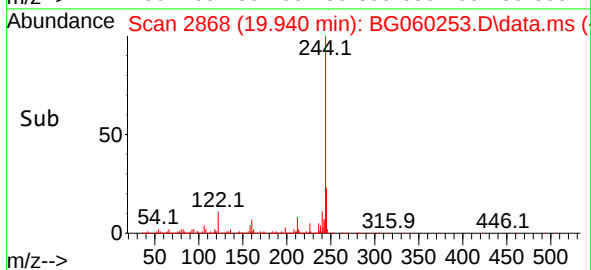
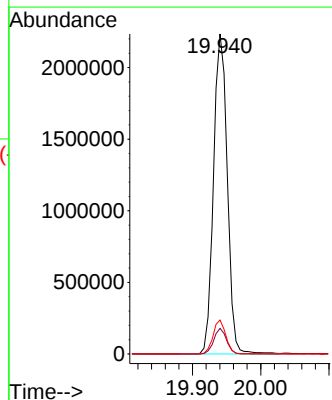
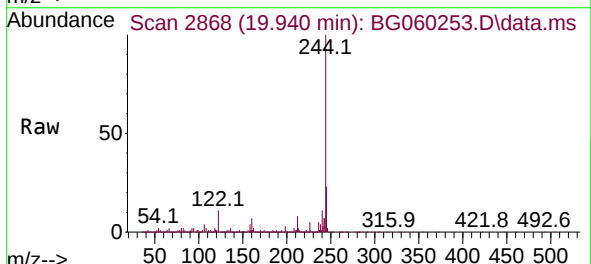
Instrument :
BNA_G
ClientSampleId :
SB32-2-20231222-16.0-17.0

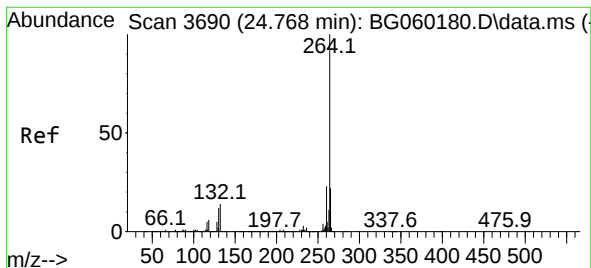
Tgt Ion:240 Resp: 1540022
Ion Ratio Lower Upper
240 100
120 10.9 8.5 12.7
236 25.3 21.4 32.2



#79
Terphenyl-d14
Concen: 39.174 ng
RT: 19.940 min Scan# 2868
Delta R.T. -0.005 min
Lab File: BG060253.D
Acq: 4 Jan 2024 20:22

Tgt Ion:244 Resp: 3138013
Ion Ratio Lower Upper
244 100
212 8.0 9.5 14.3#
122 10.6 11.4 17.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.764 min Scan# 30

Delta R.T. -0.004 min

Lab File: BG060253.D

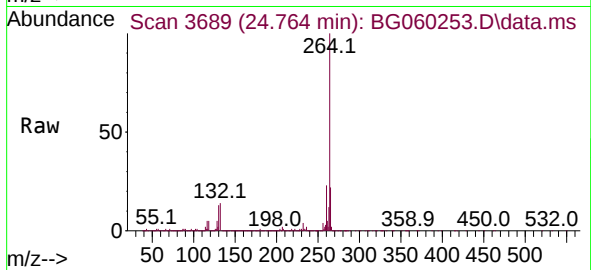
Acq: 4 Jan 2024 20:22

Instrument :

BNA_G

ClientSampleId :

SB32-2-20231222-16.0-17.0



Tgt Ion:264 Resp: 1769133

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.0	27.0
265	21.5	17.4	26.0

264 100

260 23.2 18.0 27.0

265 21.5 17.4 26.0

