

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
 Data File : BG060968.D
 Acq On : 19 Apr 2024 21:01
 Operator : MA/JU
 Sample : P2194-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 19 22:44:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 02:02:19 2024
 Response via : Initial Calibration

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

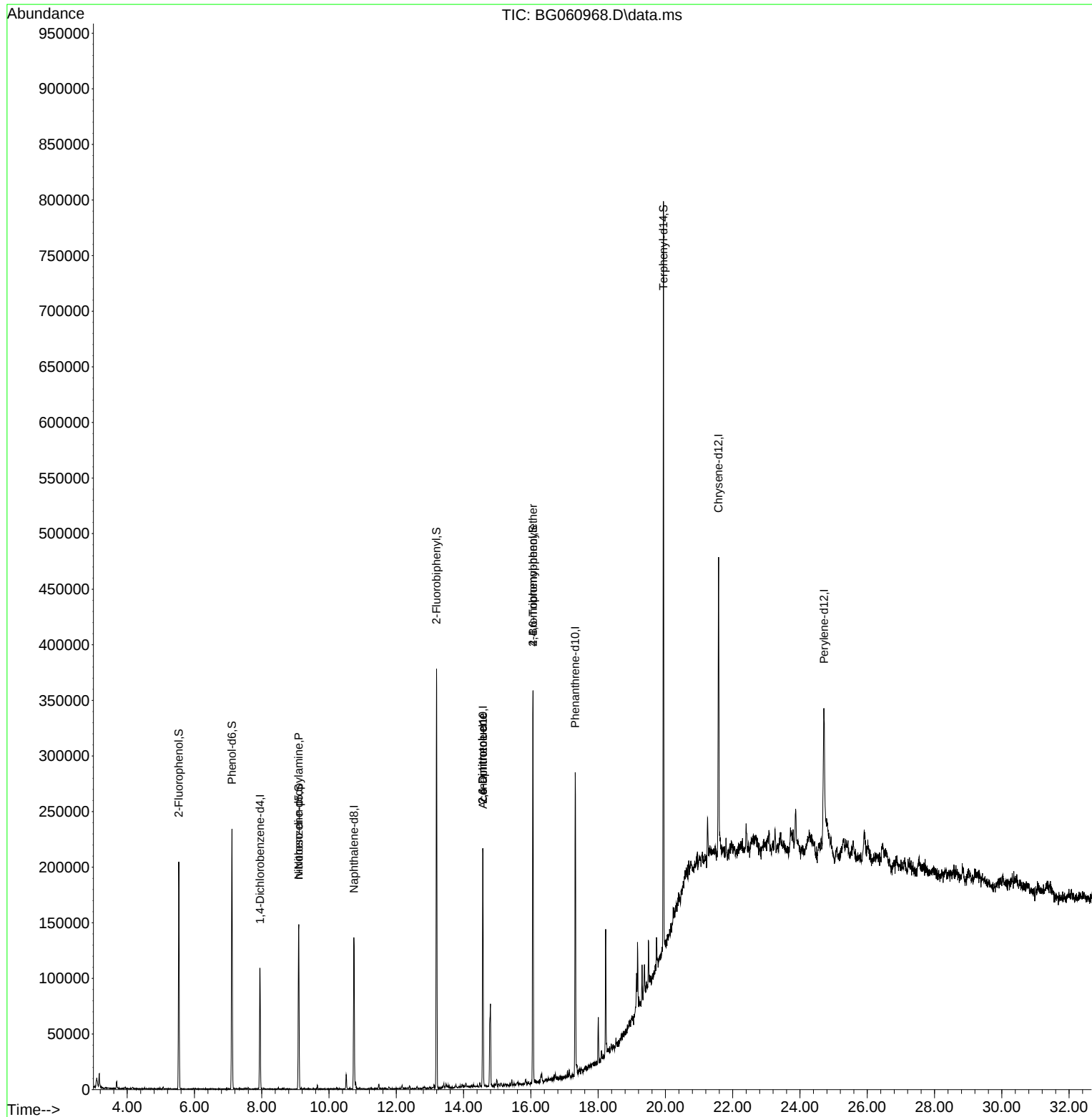
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	29489	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	104391	20.000	ng	# 0.00
39) Acenaphthene-d10	14.575	164	79307	20.000	ng	0.00
64) Phenanthrene-d10	17.319	188	172287	20.000	ng	# 0.00
76) Chrysene-d12	21.578	240	168778	20.000	ng	# 0.00
86) Perylene-d12	24.710	264	172510	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	72018	42.420	ng	0.00
7) Phenol-d6	7.113	99	104927	42.903	ng	0.00
23) Nitrobenzene-d5	9.099	82	73408	31.924	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	76166	58.134	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	194690	36.025	ng	0.00
79) Terphenyl-d14	19.939	244	326237	33.734	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.099	70	11153	5.987	ng	# 84
51) 2,6-Dinitrotoluene	14.569	165	10584	8.252	ng	# 20
57) 2,4-Dinitrotoluene	14.569	165	10584	5.774	ng	# 22
67) 4-Bromophenyl-phenylether	16.061	248	5293	2.742	ng	# 1

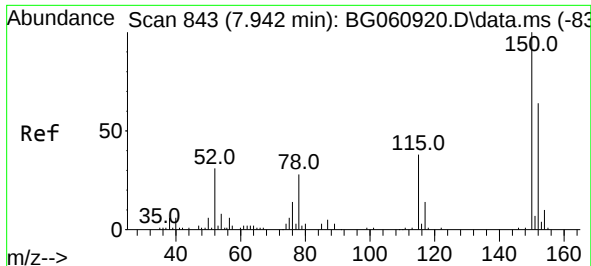
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060968.D
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Operator : MA/JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
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Response via : Initial Calibration

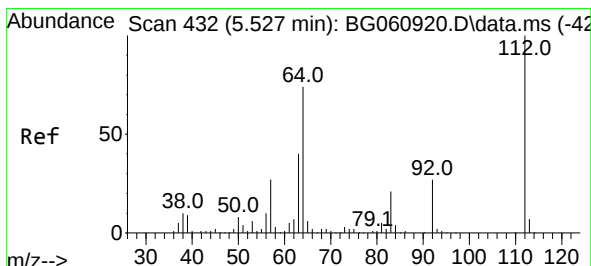
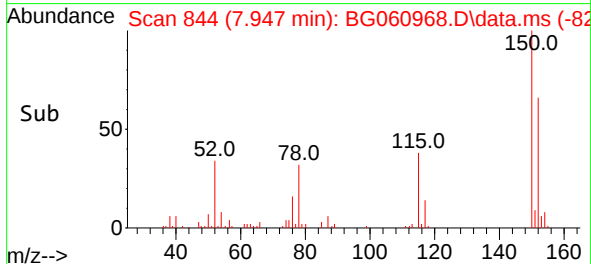
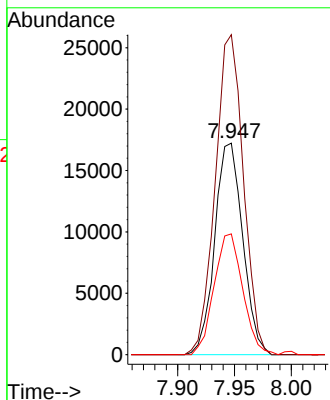
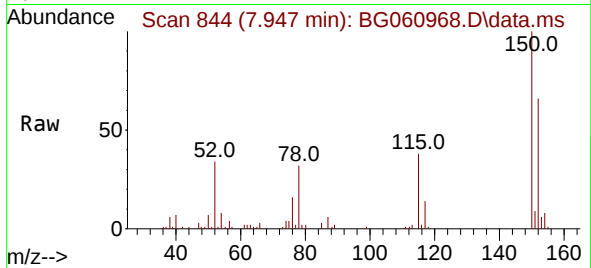




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.947 min Scan# 84
Delta R.T. 0.005 min
Lab File: BG060968.D
Acq: 19 Apr 2024 21:01

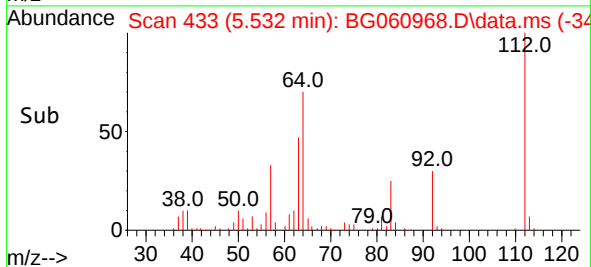
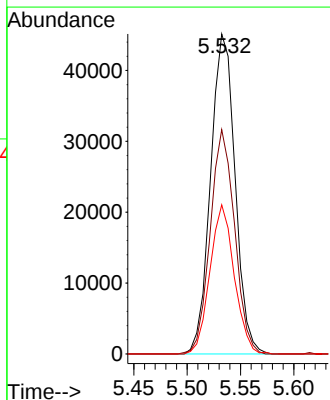
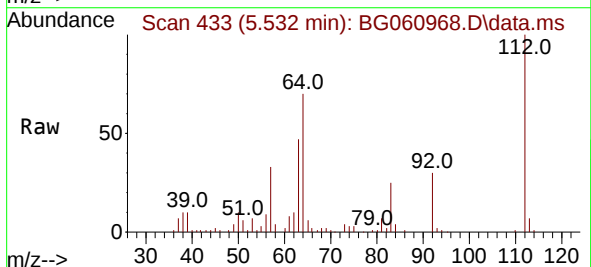
Instrument :
BNA_G
ClientSampleId :

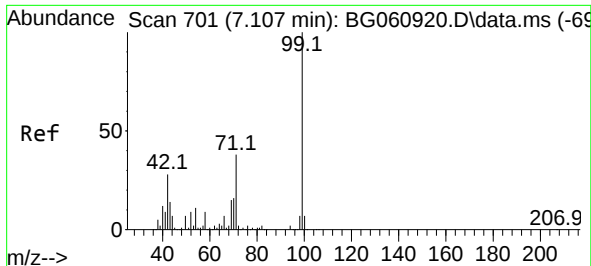
Tgt Ion:152 Resp: 29489
Ion Ratio Lower Upper
152 100
150 151.3 125.6 188.4
115 57.1 47.1 70.7



#5
2-Fluorophenol
Concen: 42.420 ng
RT: 5.532 min Scan# 433
Delta R.T. 0.006 min
Lab File: BG060968.D
Acq: 19 Apr 2024 21:01

Tgt Ion:112 Resp: 72018
Ion Ratio Lower Upper
112 100
64 70.1 58.9 88.3
63 46.6 32.1 48.1

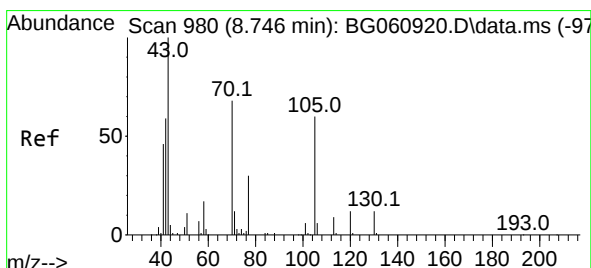
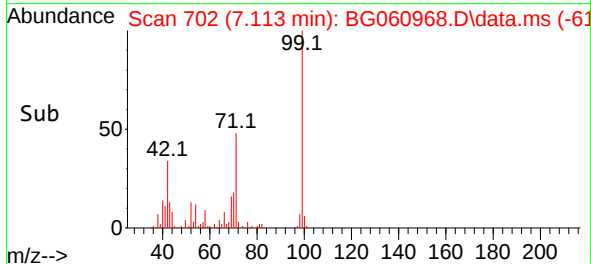
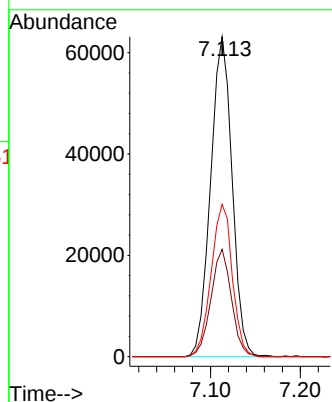
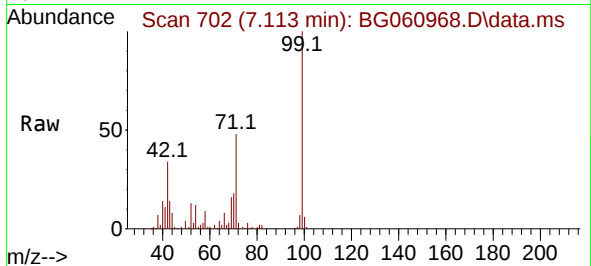




#7
Phenol-d6
Concen: 42.903 ng
RT: 7.113 min Scan# 701
Delta R.T. 0.006 min
Lab File: BG060968.D
Acq: 19 Apr 2024 21:01

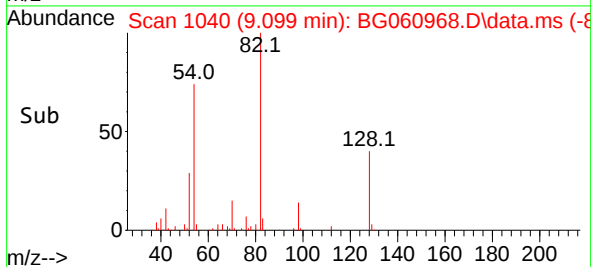
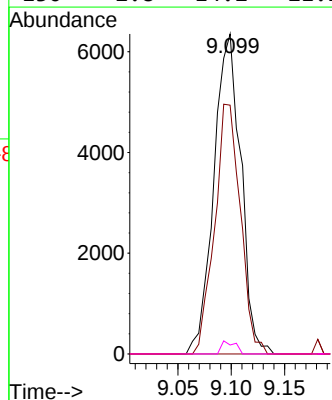
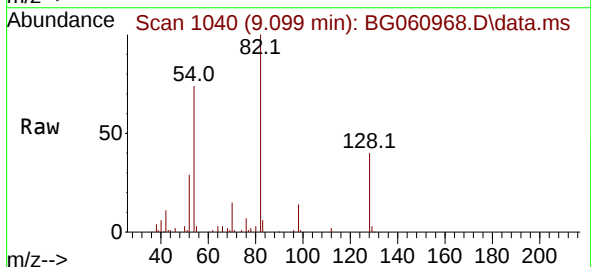
Instrument :
BNA_G
ClientSampleId :

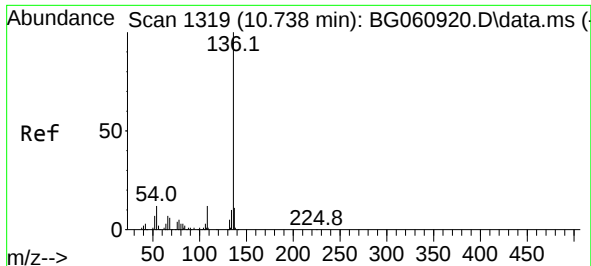
Tgt Ion: 99 Resp: 104927
Ion Ratio Lower Upper
99 100
42 33.5 22.2 33.2#
71 47.6 30.5 45.7#



#19
n-Nitroso-di-n-propylamine
Concen: 5.987 ng
RT: 9.099 min Scan# 1040
Delta R.T. 0.352 min
Lab File: BG060968.D
Acq: 19 Apr 2024 21:01

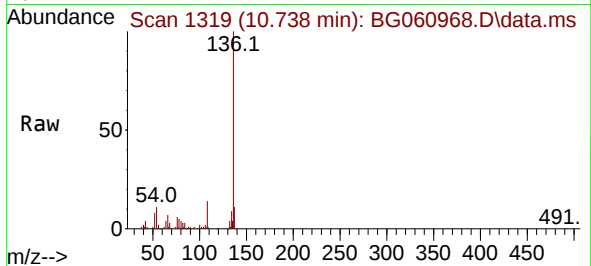
Tgt Ion: 70 Resp: 11153
Ion Ratio Lower Upper
70 100
42 77.8 70.9 106.3
101 0.0 7.0 10.4#
130 2.8 14.2 21.2#



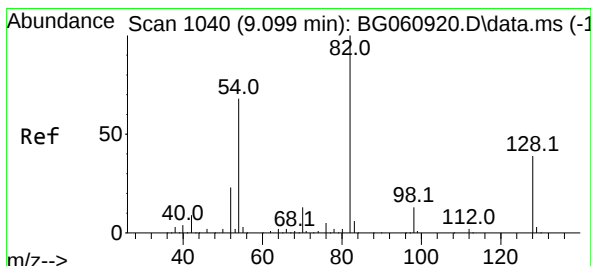
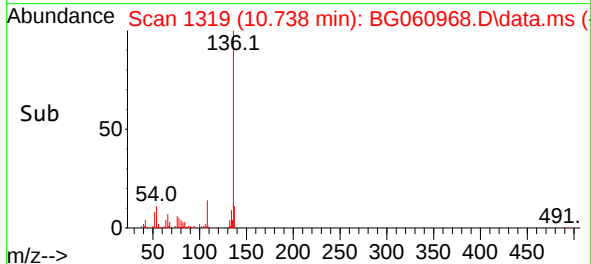
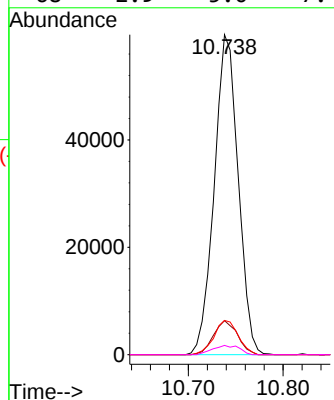


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BG060968.D
Acq: 19 Apr 2024 21:01

Instrument :
BNA_G
ClientSampleId :

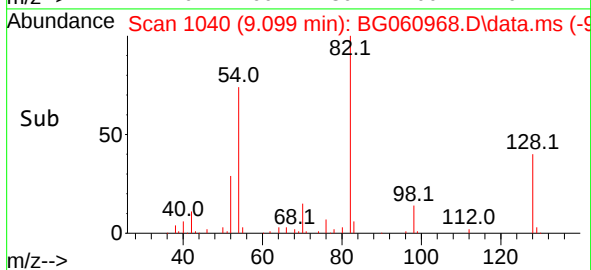
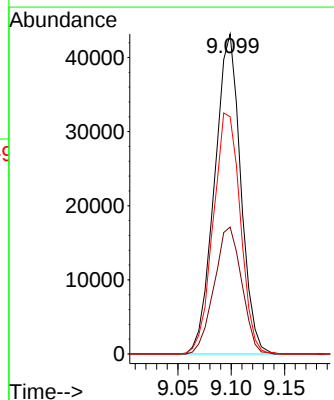
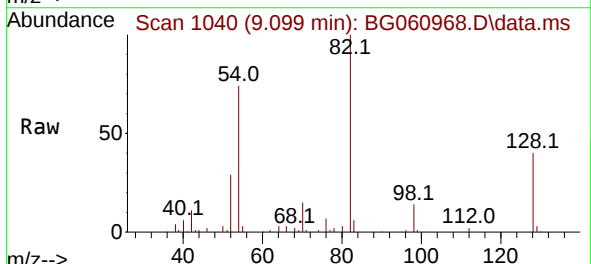


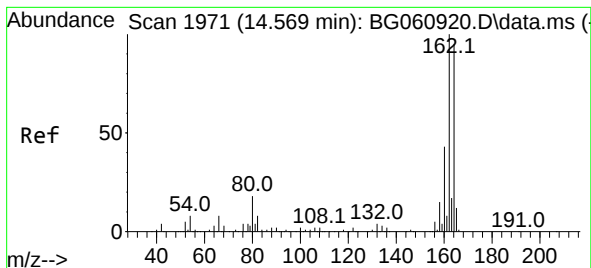
Tgt Ion:136 Resp: 104391
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 10.7 9.8 14.8
68 2.9 5.0 7.4#



#23
Nitrobenzene-d5
Concen: 31.924 ng
RT: 9.099 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BG060968.D
Acq: 19 Apr 2024 21:01

Tgt Ion: 82 Resp: 73408
Ion Ratio Lower Upper
82 100
128 39.6 31.4 47.0
54 74.2 54.2 81.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.575 min Scan# 1971

Delta R.T. 0.006 min

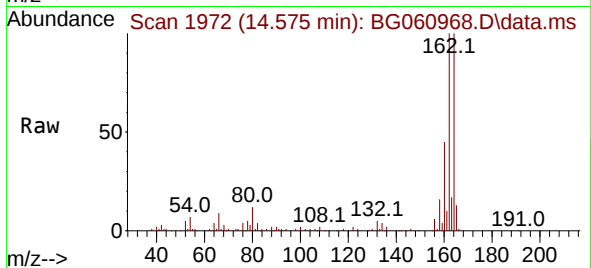
Lab File: BG060968.D

Acq: 19 Apr 2024 21:01

Instrument :

BNA_G

ClientSampleId :



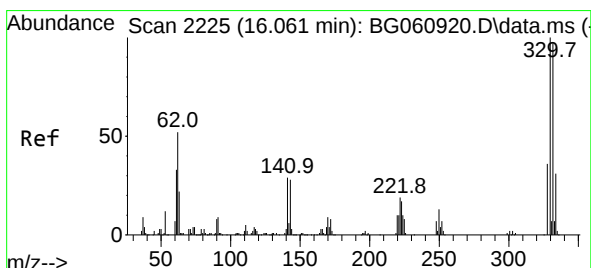
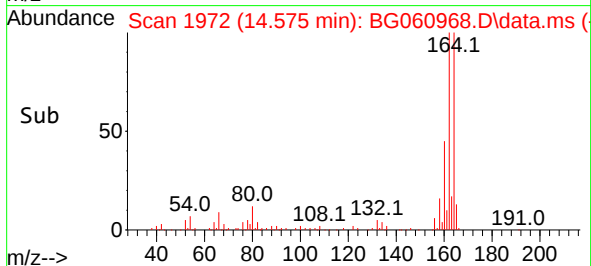
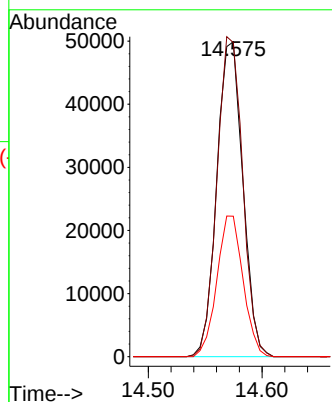
Tgt Ion:164 Resp: 79307

Ion Ratio Lower Upper

164 100

162 99.8 84.1 126.1

160 44.6 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 58.134 ng

RT: 16.061 min Scan# 2225

Delta R.T. -0.000 min

Lab File: BG060968.D

Acq: 19 Apr 2024 21:01

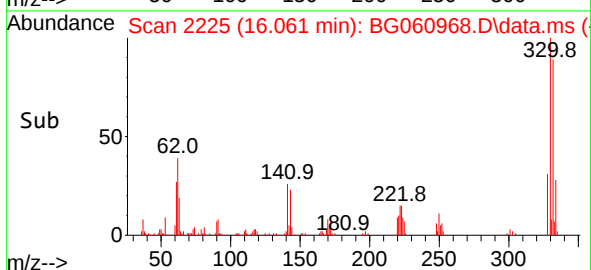
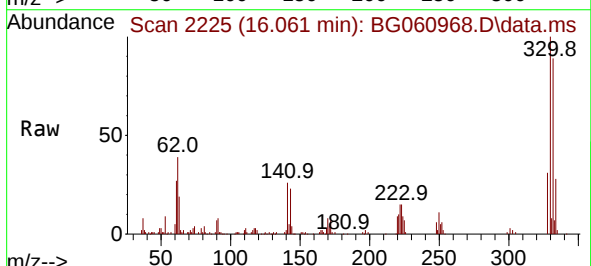
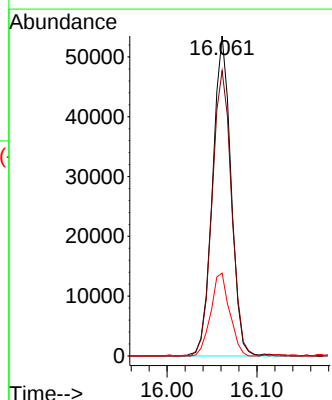
Tgt Ion:330 Resp: 76166

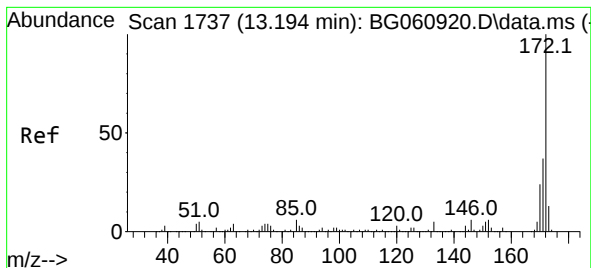
Ion Ratio Lower Upper

330 100

332 93.5 76.9 115.3

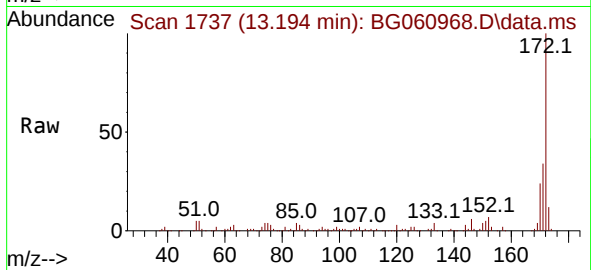
141 26.5 23.7 35.5



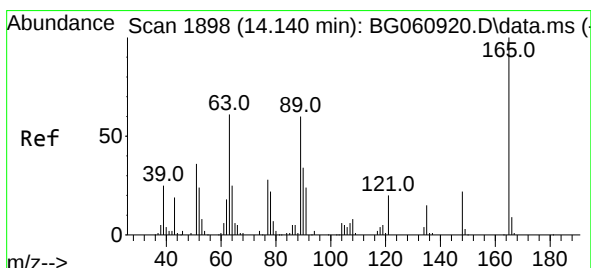
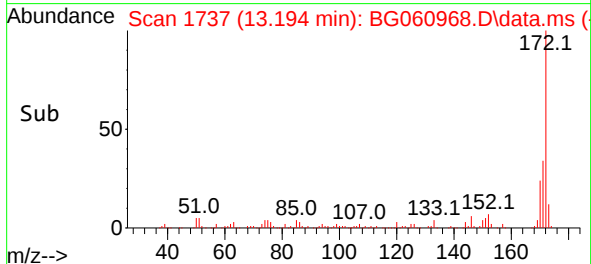
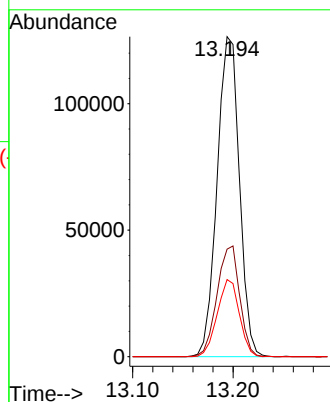


#45
2-Fluorobiphenyl
Concen: 36.025 ng
RT: 13.194 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG060968.D
Acq: 19 Apr 2024 21:01

Instrument :
BNA_G
ClientSampleId :

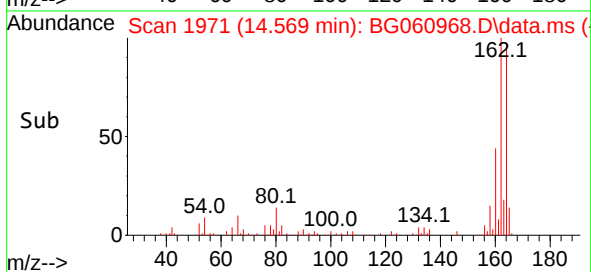
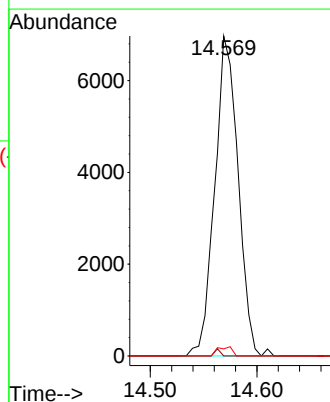
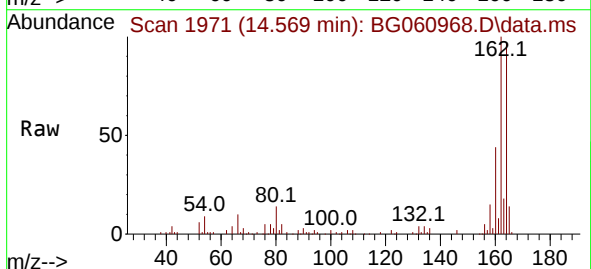


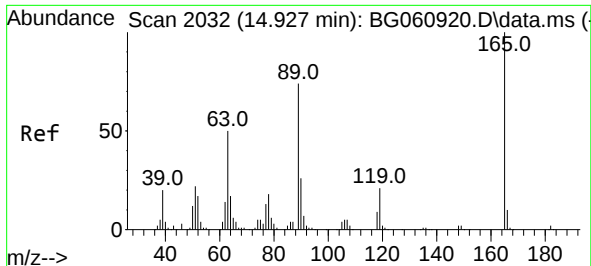
Tgt Ion:172 Resp: 194690
Ion Ratio Lower Upper
172 100
171 33.6 29.3 43.9
170 24.1 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 8.252 ng
RT: 14.569 min Scan# 1971
Delta R.T. 0.429 min
Lab File: BG060968.D
Acq: 19 Apr 2024 21:01

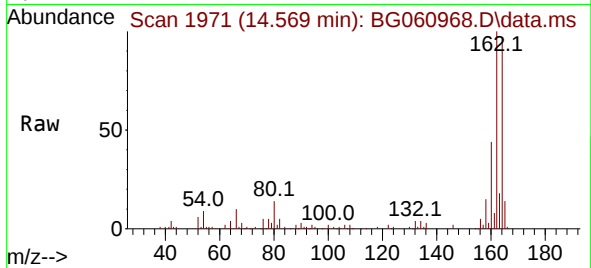
Tgt Ion:165 Resp: 10584
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.8#
89 2.2 48.2 72.4#



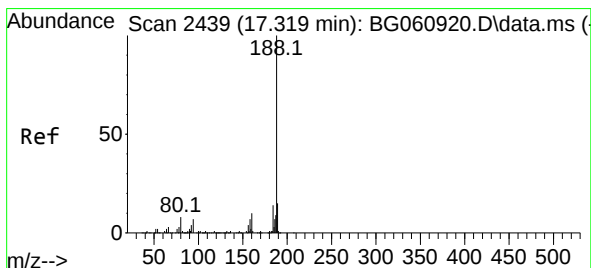
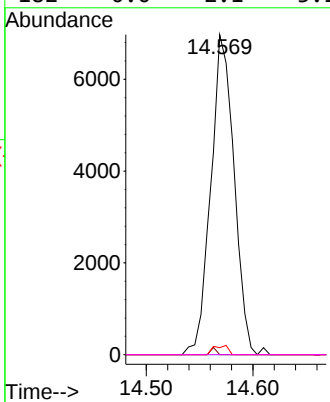
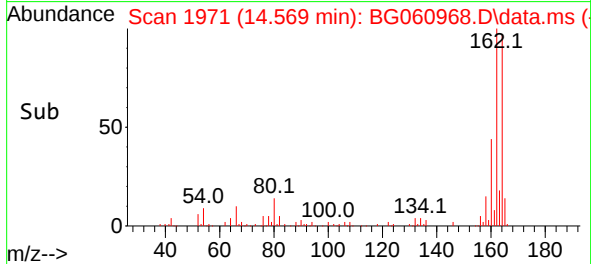


#57
2,4-Dinitrotoluene
Concen: 5.774 ng
RT: 14.569 min Scan# 1971
Delta R.T. -0.359 min
Lab File: BG060968.D
Acq: 19 Apr 2024 21:01

Instrument :
BNA_G
ClientSampleId :

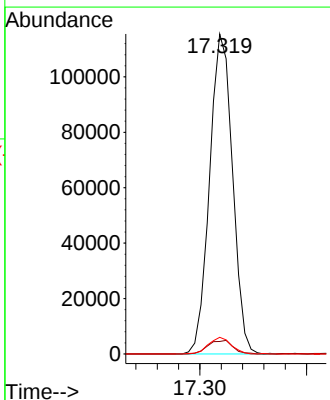
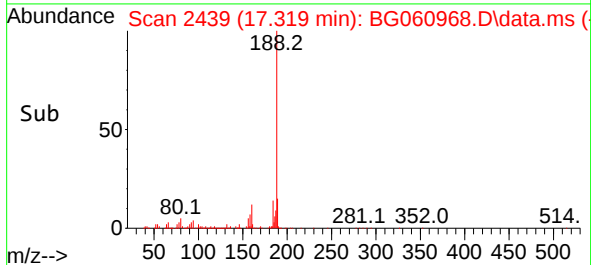
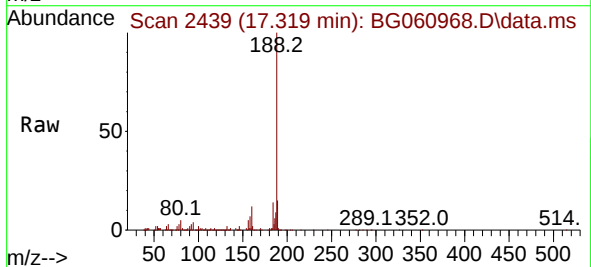


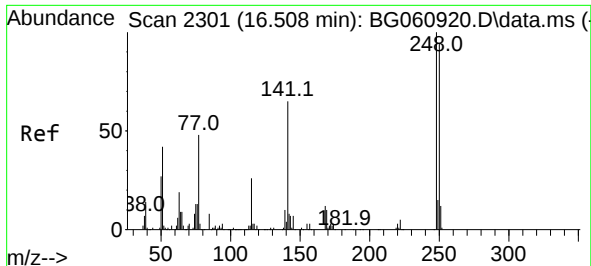
Tgt Ion:165 Resp: 10584
Ion Ratio Lower Upper
165 100
63 0.0 40.2 60.2#
89 2.2 59.0 88.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.319 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BG060968.D
Acq: 19 Apr 2024 21:01

Tgt Ion:188 Resp: 172287
Ion Ratio Lower Upper
188 100
94 3.9 5.7 8.5#
80 5.2 6.6 9.8#

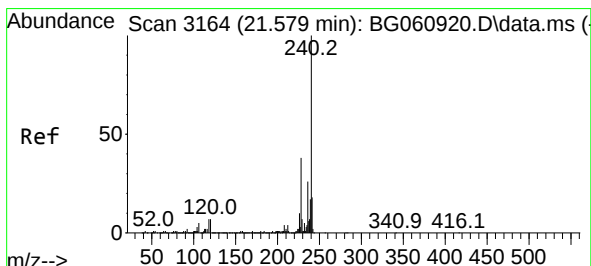
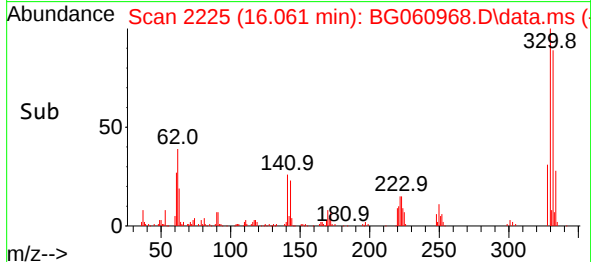
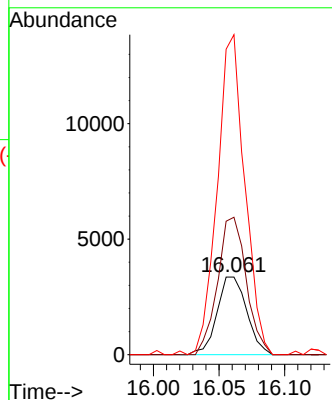
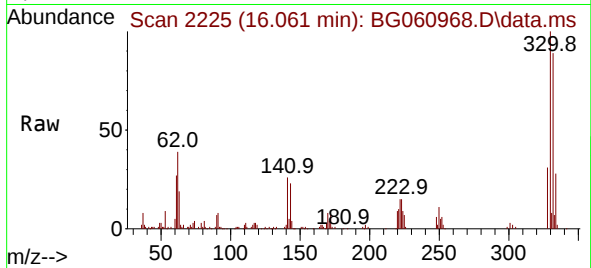




#67
4-Bromophenyl-phenylether
Concen: 2.742 ng
RT: 16.061 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG060968.D
Acq: 19 Apr 2024 21:01

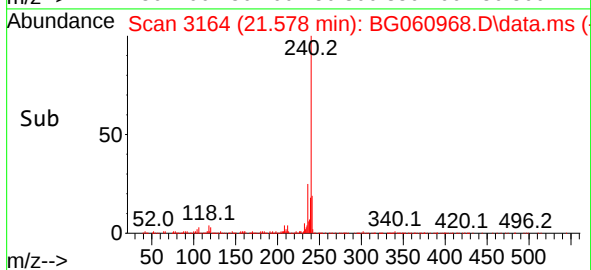
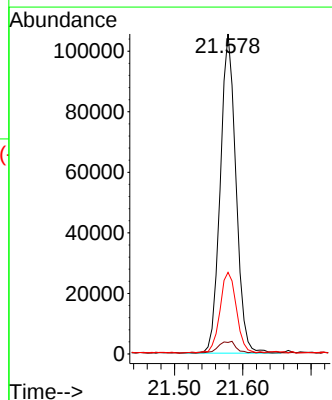
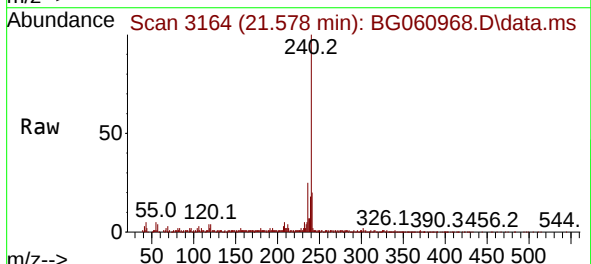
Instrument :
BNA_G
ClientSampleId :

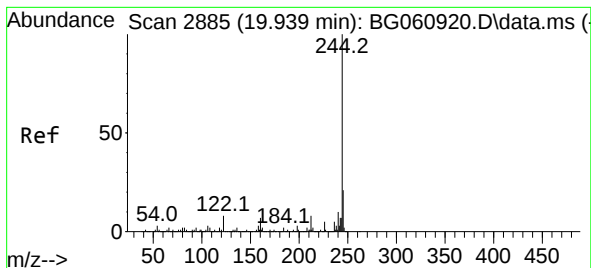
Tgt Ion:248 Resp: 5293
Ion Ratio Lower Upper
248 100
250 177.2 75.4 113.2#
141 412.4 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.578 min Scan# 3164
Delta R.T. -0.000 min
Lab File: BG060968.D
Acq: 19 Apr 2024 21:01

Tgt Ion:240 Resp: 168778
Ion Ratio Lower Upper
240 100
120 3.6 5.7 8.5#
236 25.5 21.1 31.7





#79

Terphenyl-d14

Concen: 33.734 ng

RT: 19.939 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG060968.D

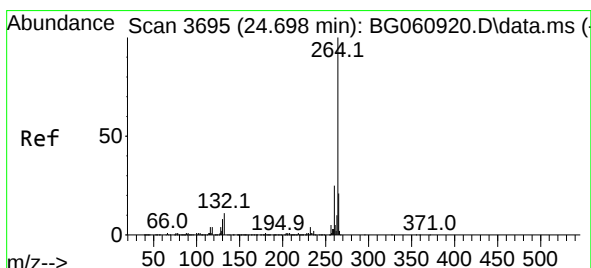
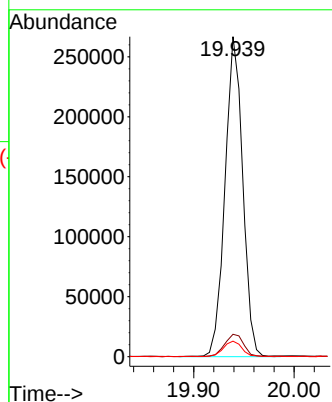
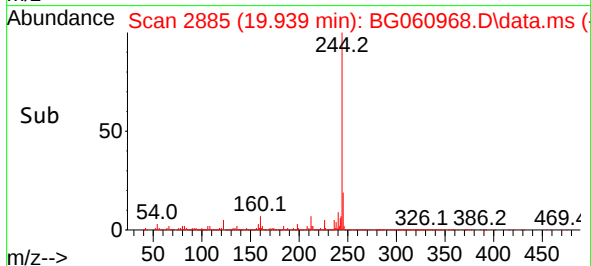
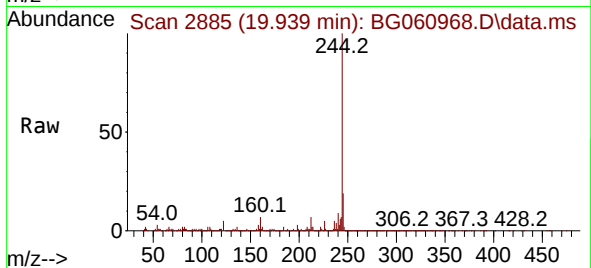
Acq: 19 Apr 2024 21:01

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:244	Resp:	326237
Ion Ratio	Lower	Upper
244	100	
212	7.0	6.2 9.4
122	4.8	6.6 9.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.710 min Scan# 3697

Delta R.T. 0.012 min

Lab File: BG060968.D

Acq: 19 Apr 2024 21:01

Tgt Ion:264	Resp:	172510
Ion Ratio	Lower	Upper
264	100	
260	25.1	19.6 29.4
265	23.5	16.6 25.0

