

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
 Data File : BG061220.D
 Acq On : 16 May 2024 14:36
 Operator : MA/JU
 Sample : P2474-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-114-SB01

Quant Time: May 16 15:11:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

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

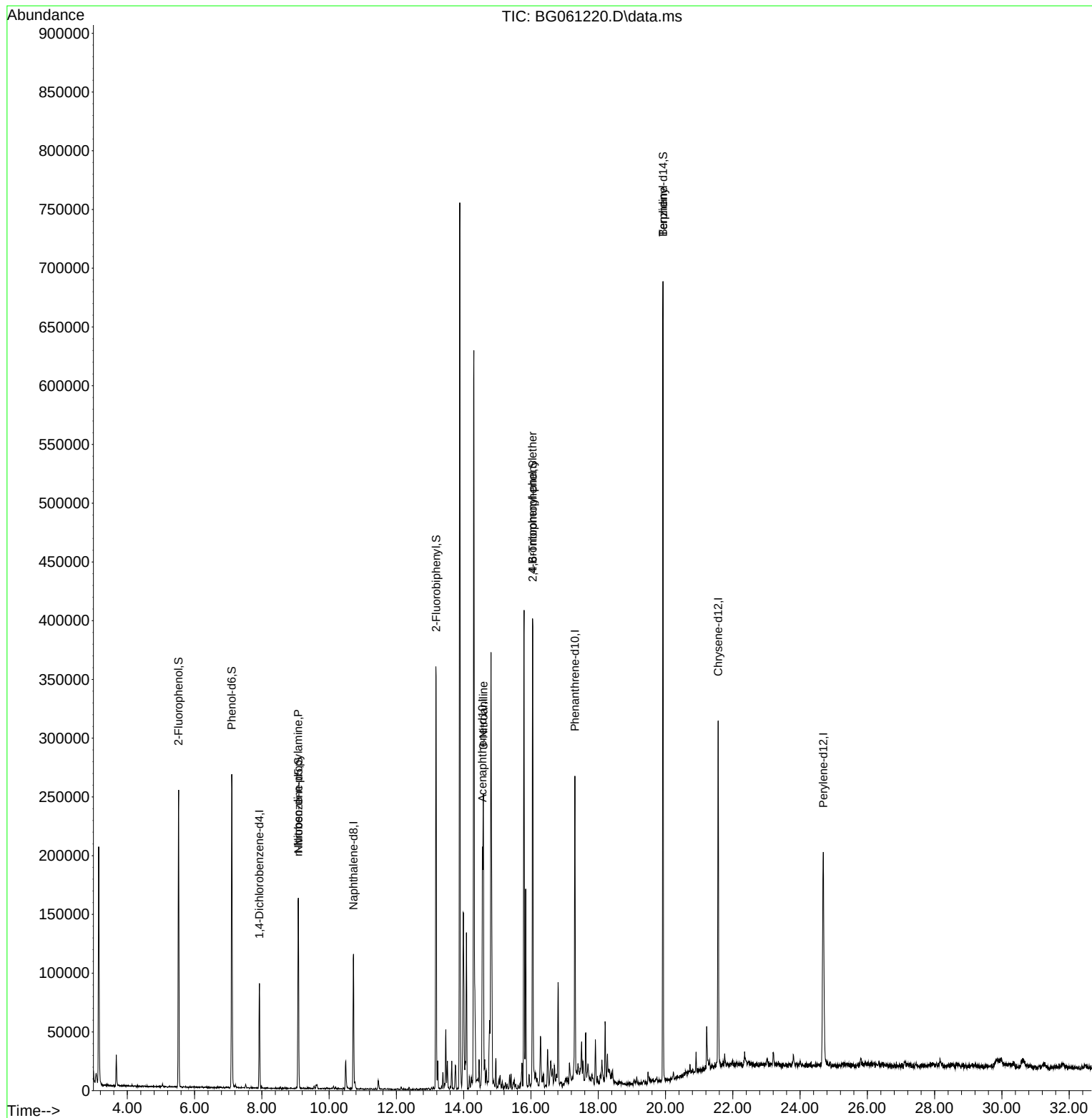
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	22552	20.000	ng	-0.03
21) Naphthalene-d8	10.725	136	89417	20.000	ng	#-0.03
39) Acenaphthene-d10	14.562	164	72013	20.000	ng	-0.03
64) Phenanthrene-d10	17.305	188	172509	20.000	ng	-0.03
76) Chrysene-d12	21.565	240	179926	20.000	ng	#-0.03
86) Perylene-d12	24.691	264	216215	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	88590	79.890	ng	-0.02
7) Phenol-d6	7.106	99	120898	73.700	ng	-0.03
23) Nitrobenzene-d5	9.086	82	83851	46.486	ng	-0.03
42) 2,4,6-Tribromophenol	16.054	330	93106	64.683	ng	-0.02
45) 2-Fluorobiphenyl	13.181	172	195766	40.199	ng	-0.03
79) Terphenyl-d14	19.926	244	356513	32.954	ng	-0.03
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.106	77	260	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	9.080	70	12820	10.443	ng	# 61
53) 3-Nitroaniline	14.585	138	2588	2.377	ng	# 48
67) 4-Bromophenyl-phenylether	16.048	248	5856	2.882	ng	# 1
77) Benzidine	19.926	184	5437	4.291	ng	# 85

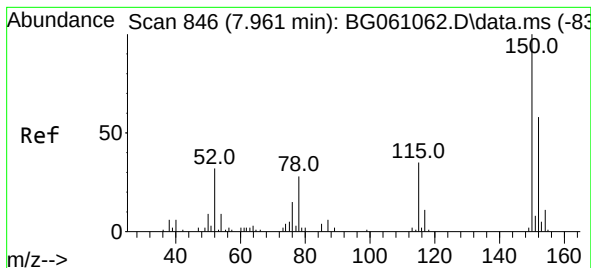
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
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Misc :
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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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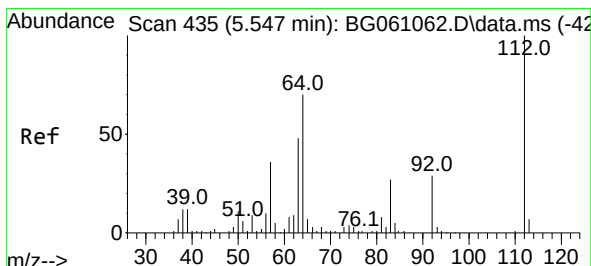
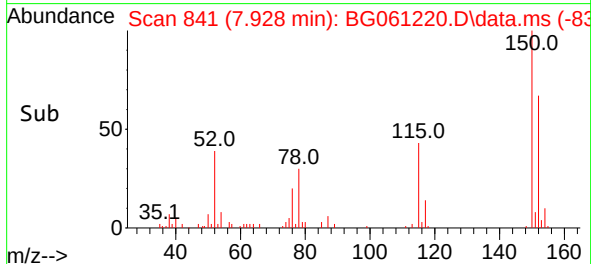
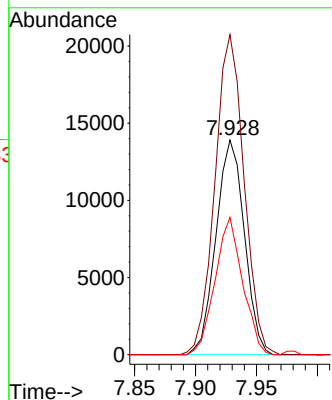
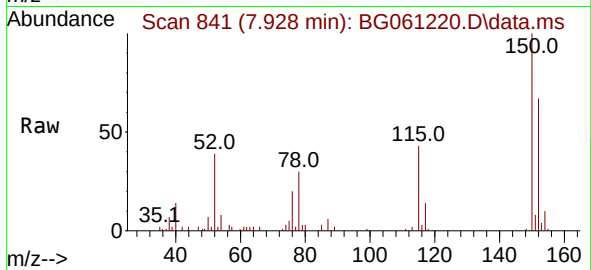




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.928 min Scan# 846
 Delta R.T. -0.033 min
 Lab File: BG061220.D
 Acq: 16 May 2024 14:36

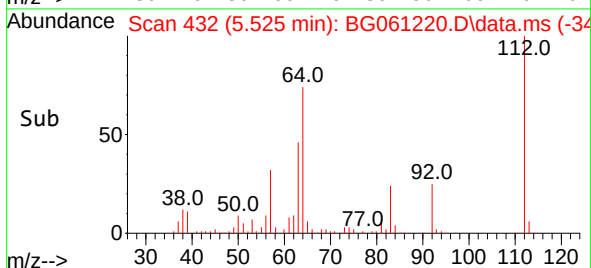
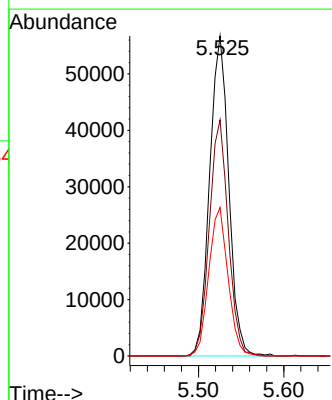
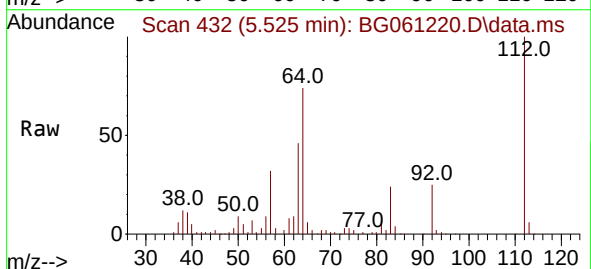
Instrument :
 BNA_G
 ClientSampleId :
 B-114-SB01

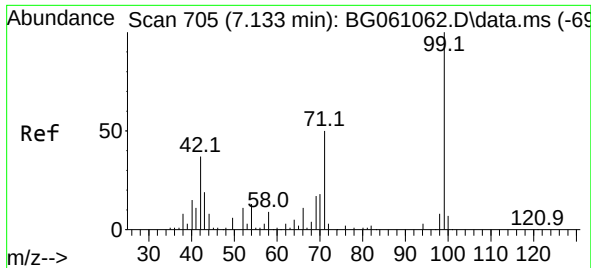
Tgt Ion:152 Resp: 22552
 Ion Ratio Lower Upper
 152 100
 150 149.2 138.3 207.5
 115 64.0 48.0 72.0



#5
 2-Fluorophenol
 Concen: 79.890 ng
 RT: 5.525 min Scan# 432
 Delta R.T. -0.021 min
 Lab File: BG061220.D
 Acq: 16 May 2024 14:36

Tgt Ion:112 Resp: 88590
 Ion Ratio Lower Upper
 112 100
 64 73.8 55.7 83.5
 63 46.4 38.1 57.1

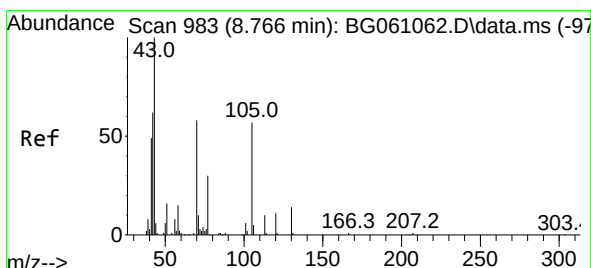
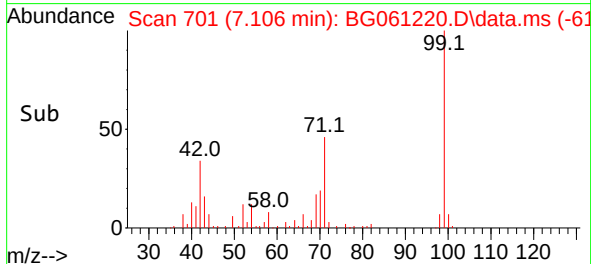
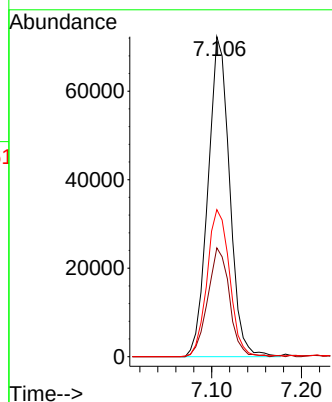
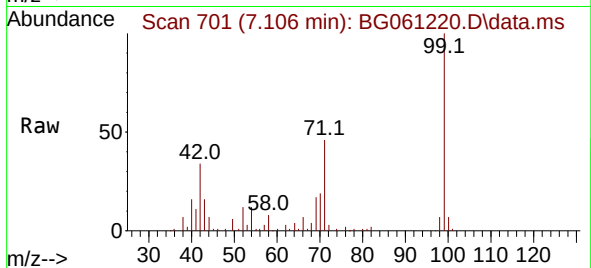




#7
Phenol-d6
Concen: 73.700 ng
RT: 7.106 min Scan# 70
Delta R.T. -0.027 min
Lab File: BG061220.D
Acq: 16 May 2024 14:36

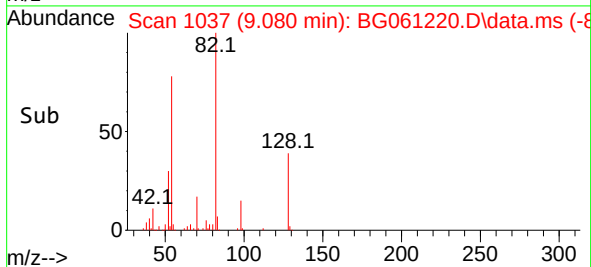
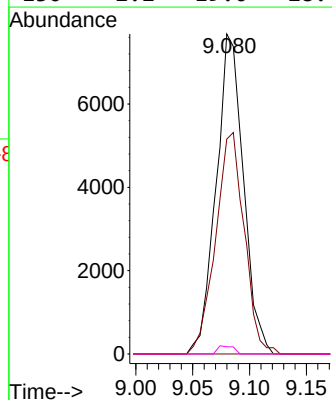
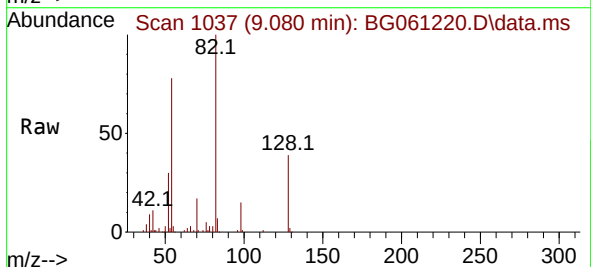
Instrument :
BNA_G
ClientSampleId :
B-114-SB01

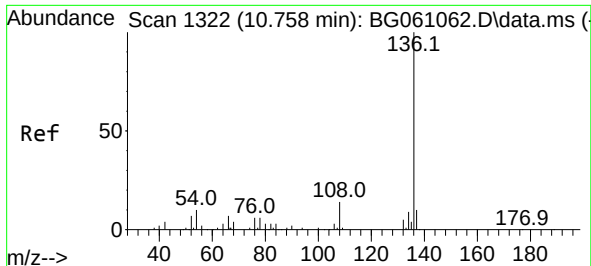
Tgt Ion: 99 Resp: 120898
Ion Ratio Lower Upper
99 100
42 34.0 29.2 43.8
71 45.9 39.7 59.5



#19
n-Nitroso-di-n-propylamine
Concen: 10.443 ng
RT: 9.080 min Scan# 1037
Delta R.T. 0.314 min
Lab File: BG061220.D
Acq: 16 May 2024 14:36

Tgt Ion: 70 Resp: 12820
Ion Ratio Lower Upper
70 100
42 67.2 86.4 129.6#
101 0.0 7.8 11.8#
130 2.2 19.0 28.4#

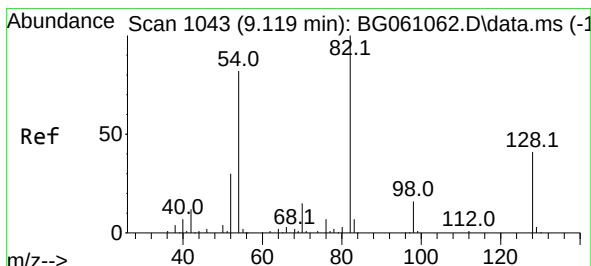
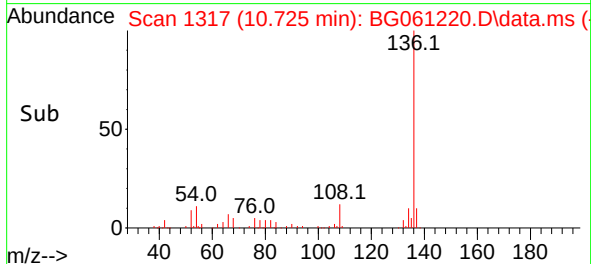
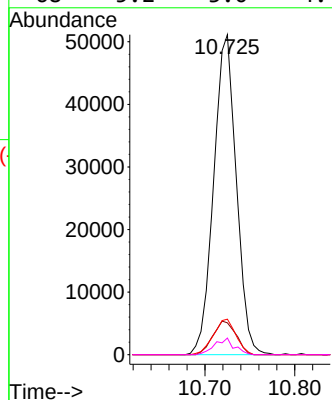
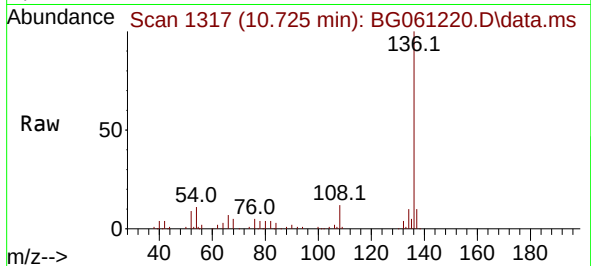




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 11
Delta R.T. -0.033 min
Lab File: BG061220.D
Acq: 16 May 2024 14:36

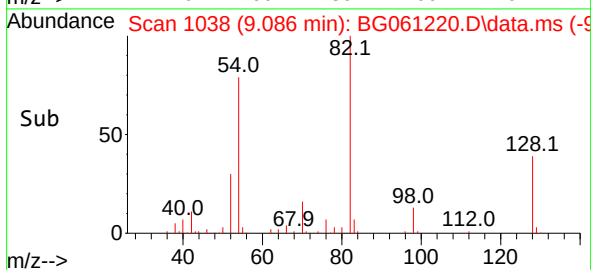
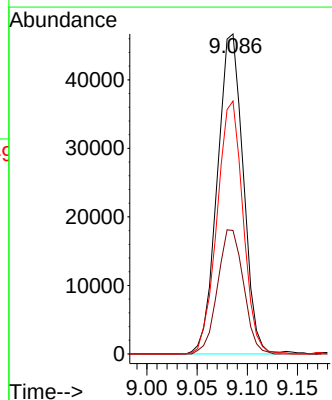
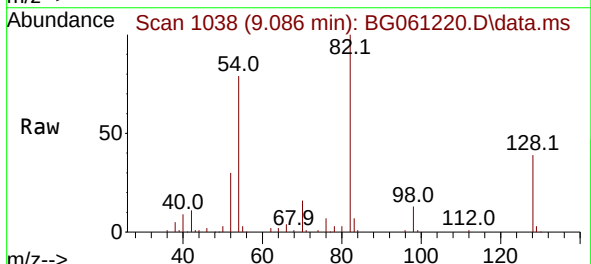
Instrument :
BNA_G
ClientSampleId :
B-114-SB01

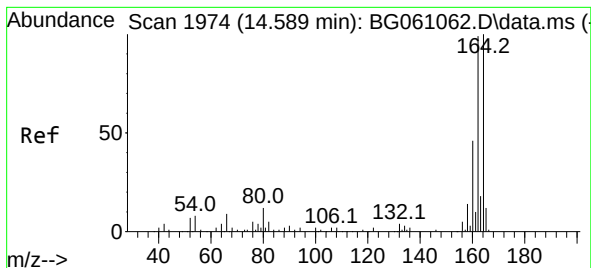
Tgt Ion:	136	Resp:	89417
Ion Ratio	Lower	Upper	
136	100		
137	9.9	7.8	11.6
54	11.6	8.1	12.1
68	5.2	3.0	4.4



#23
Nitrobenzene-d5
Concen: 46.486 ng
RT: 9.086 min Scan# 1038
Delta R.T. -0.033 min
Lab File: BG061220.D
Acq: 16 May 2024 14:36

Tgt Ion:	82	Resp:	83851
Ion Ratio	Lower	Upper	
82	100		
128	38.6	32.7	49.1
54	79.0	65.6	98.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.562 min Scan# 1974

Delta R.T. -0.027 min

Lab File: BG061220.D

Acq: 16 May 2024 14:36

Instrument :

BNA_G

ClientSampleId :

B-114-SB01

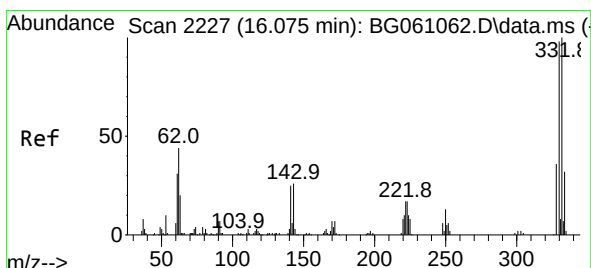
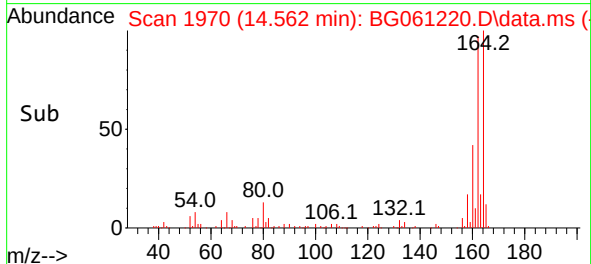
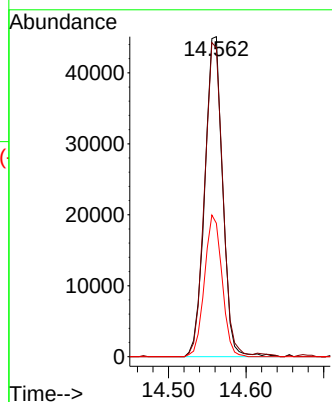
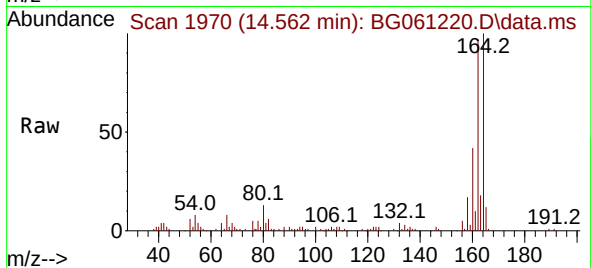
Tgt Ion:164 Resp: 72013

Ion Ratio Lower Upper

164 100

162 96.6 79.4 119.2

160 41.7 37.0 55.6



#42

2,4,6-Tribromophenol

Concen: 64.683 ng

RT: 16.054 min Scan# 2224

Delta R.T. -0.021 min

Lab File: BG061220.D

Acq: 16 May 2024 14:36

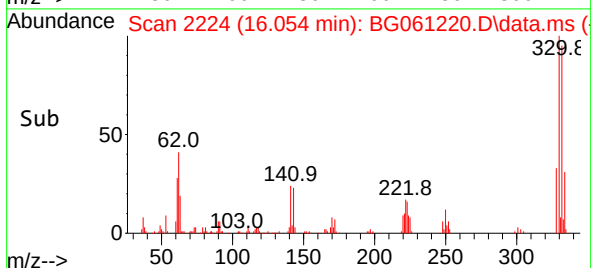
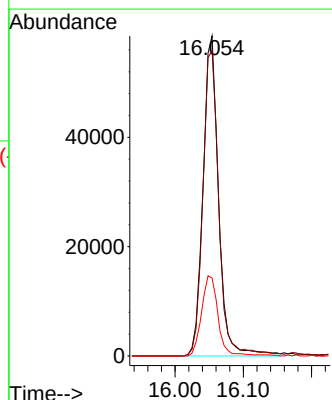
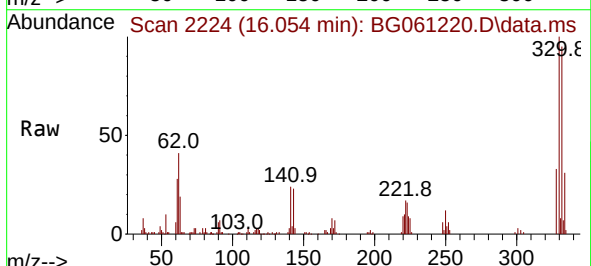
Tgt Ion:330 Resp: 93106

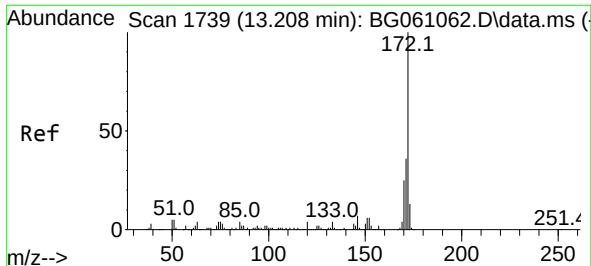
Ion Ratio Lower Upper

330 100

332 97.7 78.6 117.8

141 26.3 20.5 30.7

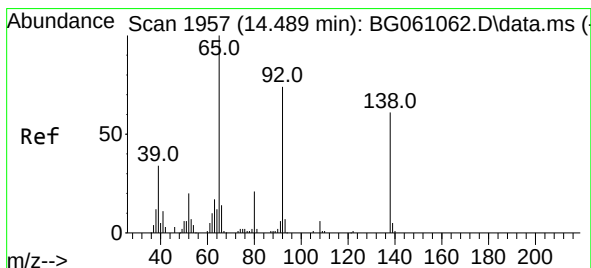
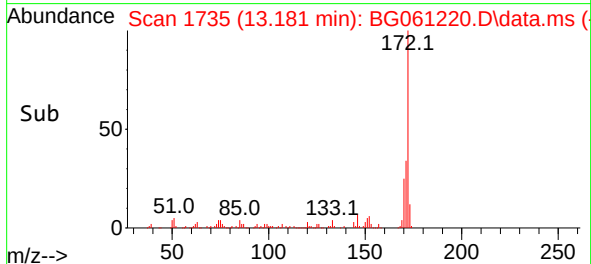
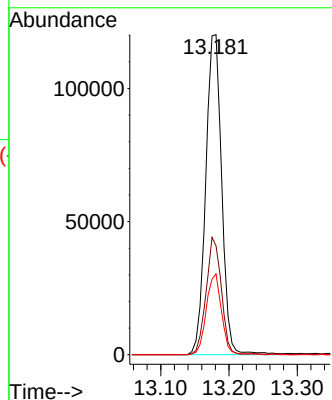
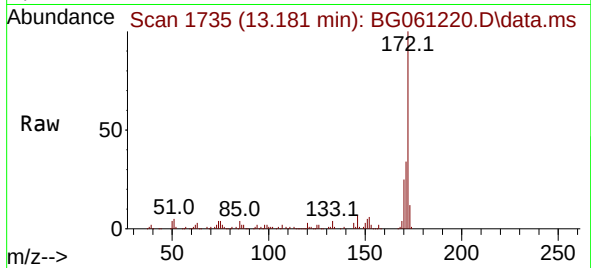




#45
2-Fluorobiphenyl
Concen: 40.199 ng
RT: 13.181 min Scan# 1735
Delta R.T. -0.027 min
Lab File: BG061220.D
Acq: 16 May 2024 14:36

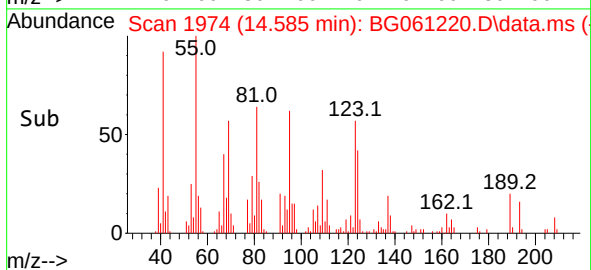
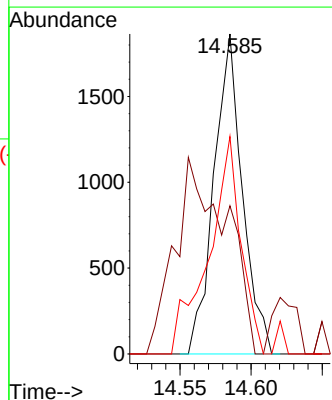
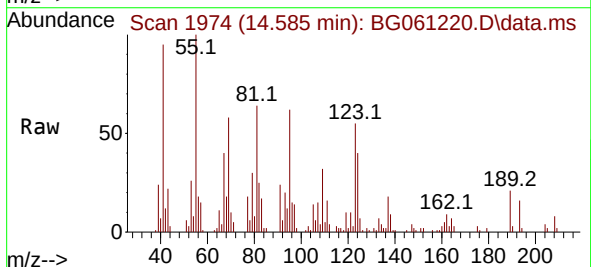
Instrument :
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ClientSampleId :
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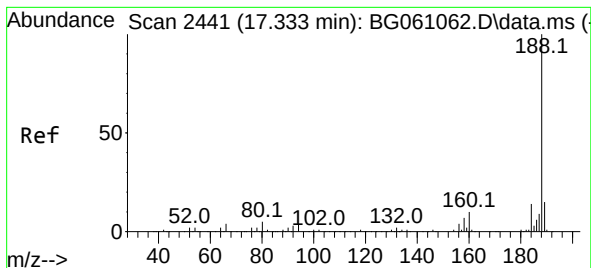
Tgt Ion:172 Resp: 195766
Ion Ratio Lower Upper
172 100
171 34.0 29.0 43.6
170 25.3 20.2 30.4



#53
3-Nitroaniline
Concen: 2.377 ng
RT: 14.585 min Scan# 1974
Delta R.T. 0.096 min
Lab File: BG061220.D
Acq: 16 May 2024 14:36

Tgt Ion:138 Resp: 2588
Ion Ratio Lower Upper
138 100
108 46.3 8.2 12.2#
92 68.0 98.0 147.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.305 min Scan# 2441

Delta R.T. -0.027 min

Lab File: BG061220.D

Acq: 16 May 2024 14:36

Instrument :

BNA_G

ClientSampleId :

B-114-SB01

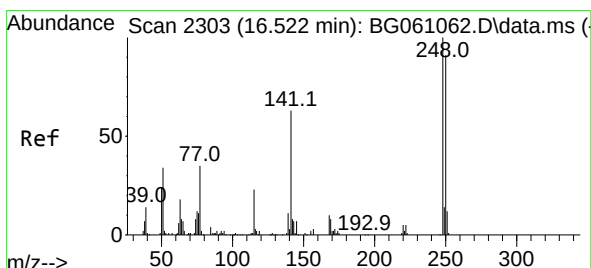
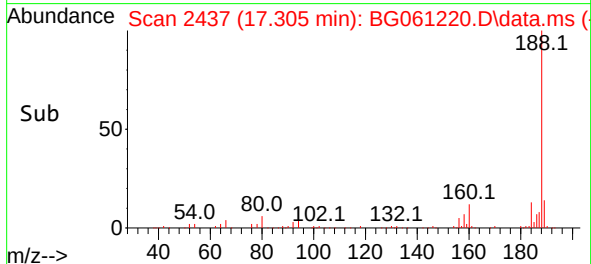
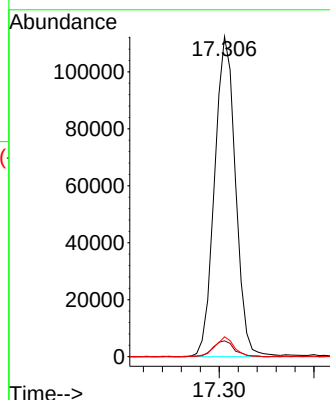
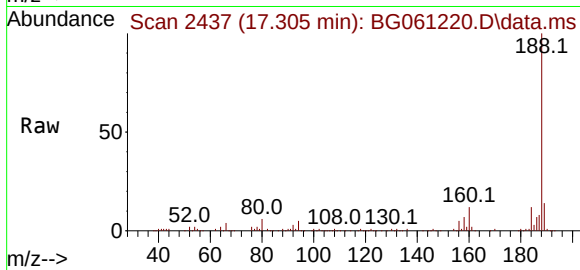
Tgt Ion:188 Resp: 172509

Ion Ratio Lower Upper

188 100

94 4.9 3.6 5.4

80 6.2 4.2 6.2



#67

4-Bromophenyl-phenylether

Concen: 2.882 ng

RT: 16.048 min Scan# 2223

Delta R.T. -0.474 min

Lab File: BG061220.D

Acq: 16 May 2024 14:36

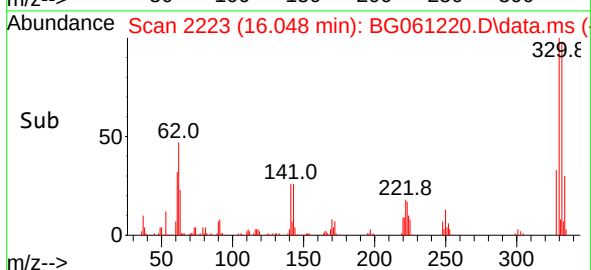
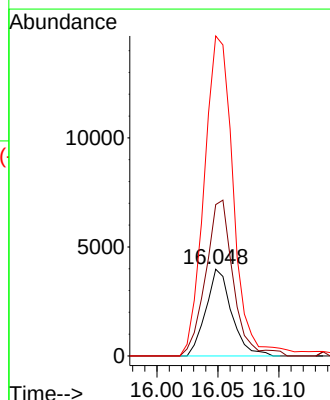
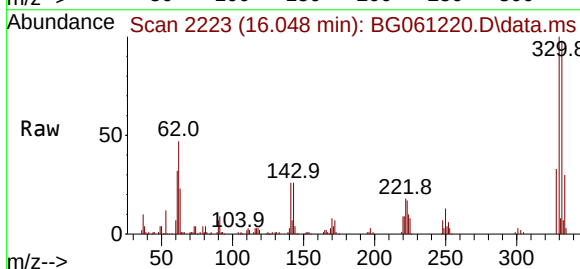
Tgt Ion:248 Resp: 5856

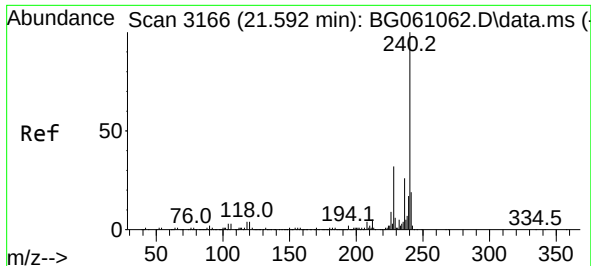
Ion Ratio Lower Upper

248 100

250 174.6 73.0 109.4#

141 369.1 50.8 76.2#

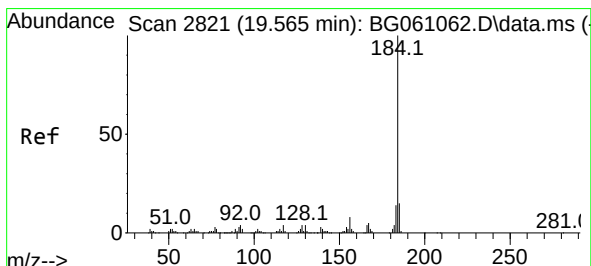
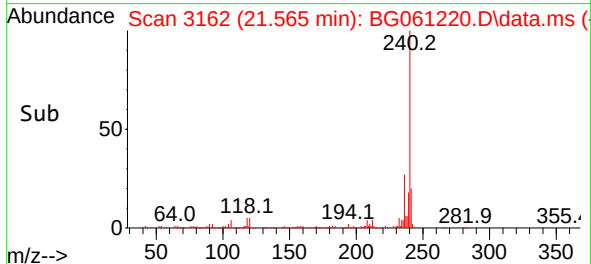
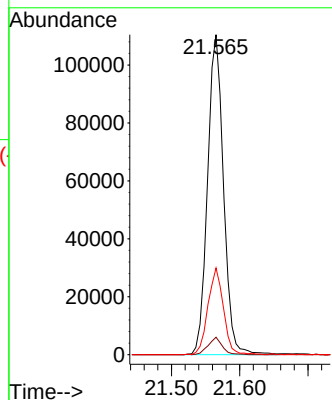
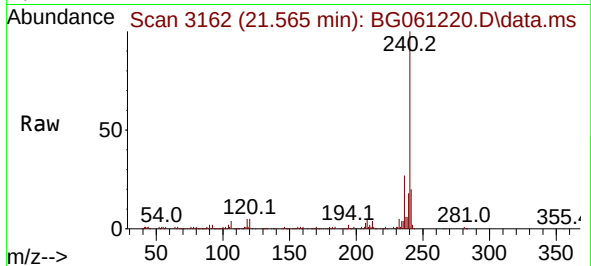




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.565 min Scan# 3166
Delta R.T. -0.027 min
Lab File: BG061220.D
Acq: 16 May 2024 14:36

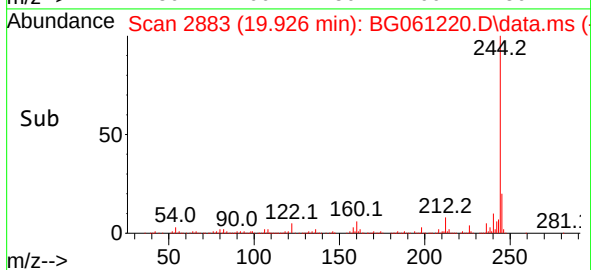
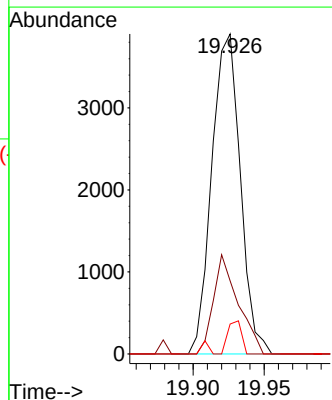
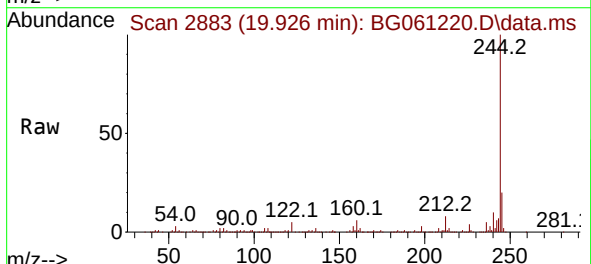
Instrument :
BNA_G
ClientSampleId :
B-114-SB01

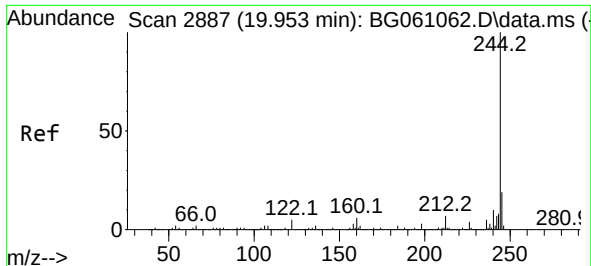
Tgt Ion:240 Resp: 179926
Ion Ratio Lower Upper
240 100
120 5.4 3.2 4.8#
236 27.1 21.0 31.6



#77
Benzidine
Concen: 4.291 ng
RT: 19.926 min Scan# 2883
Delta R.T. 0.361 min
Lab File: BG061220.D
Acq: 16 May 2024 14:36

Tgt Ion:184 Resp: 5437
Ion Ratio Lower Upper
184 100
185 22.8 12.0 18.0#
183 9.4 10.9 16.3#

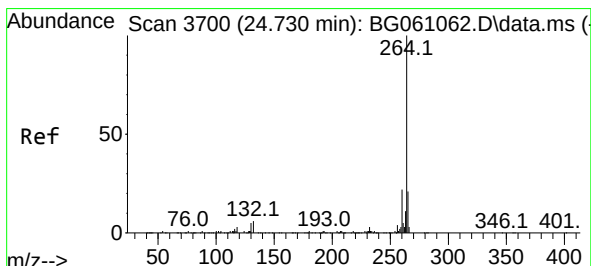
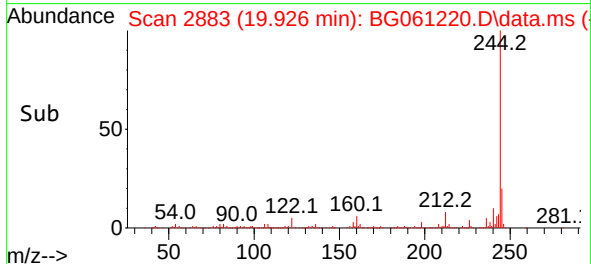
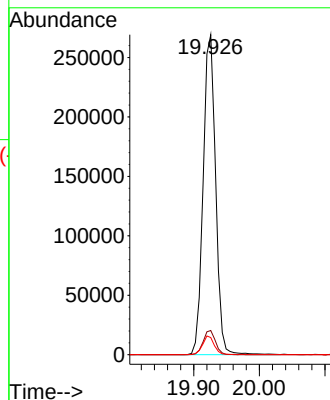
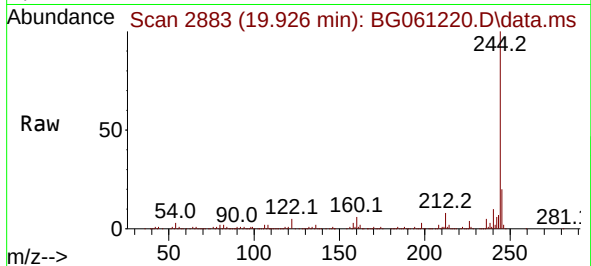




#79
 Terphenyl-d14
 Concen: 32.954 ng
 RT: 19.926 min Scan# 21
 Delta R.T. -0.027 min
 Lab File: BG061220.D
 Acq: 16 May 2024 14:36

Instrument :
 BNA_G
 ClientSampleId :
 B-114-SB01

Tgt Ion:244 Resp: 356513
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 5.3 4.2 6.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.691 min Scan# 3694
 Delta R.T. -0.039 min
 Lab File: BG061220.D
 Acq: 16 May 2024 14:36

Tgt Ion:264 Resp: 216215
 Ion Ratio Lower Upper
 264 100
 260 24.8 17.7 26.5
 265 19.6 16.4 24.6

