

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040824\
 Data File : BG060828.D
 Acq On : 8 Apr 2024 16:32
 Operator : MA/JU
 Sample : PB160030BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160030BL

Quant Time: Apr 08 17:33:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

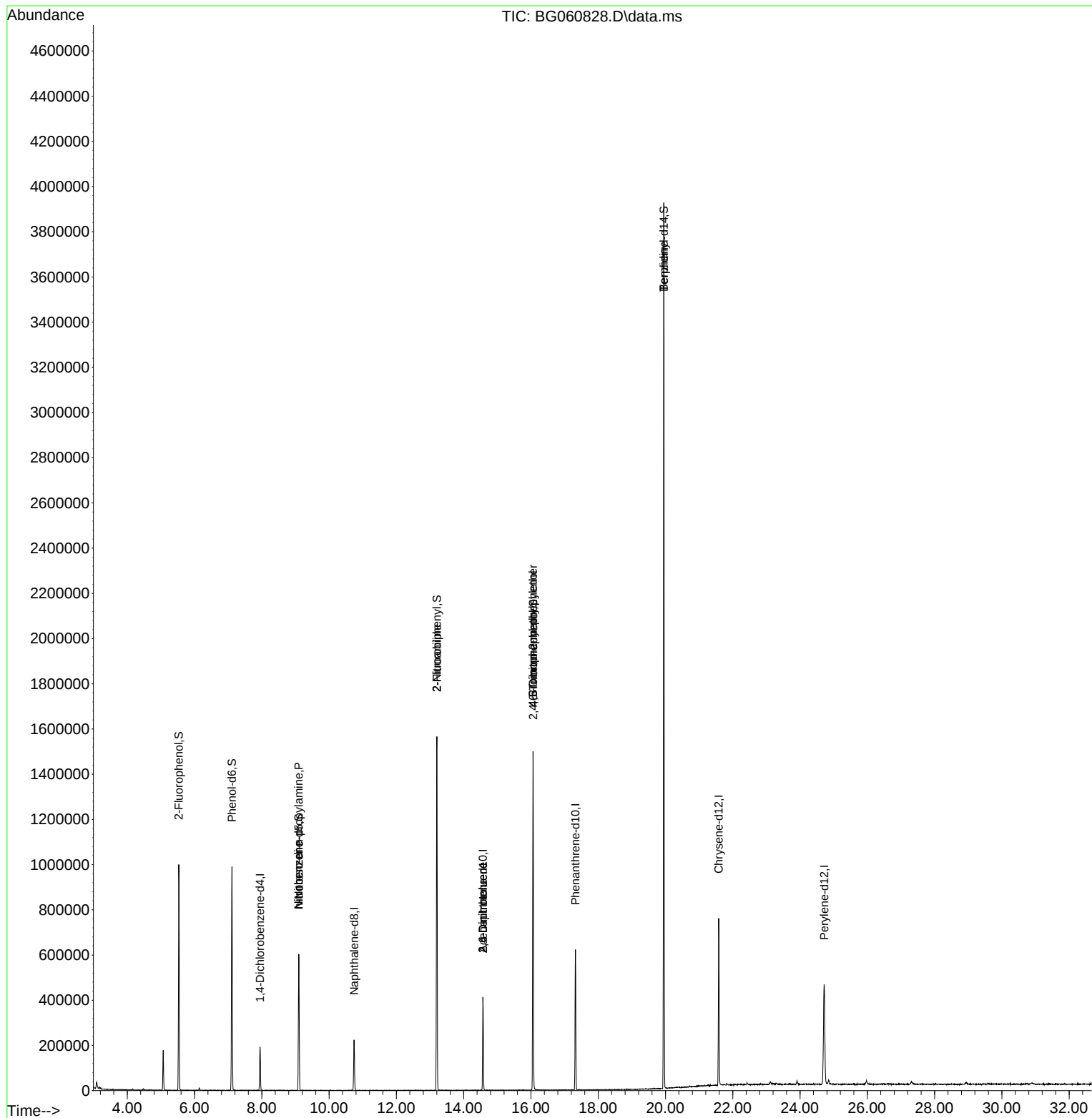
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	50590	20.000	ng	-0.01
21) Naphthalene-d8	10.743	136	180740	20.000	ng	-0.01
39) Acenaphthene-d10	14.574	164	142552	20.000	ng	-0.02
64) Phenanthrene-d10	17.324	188	400890	20.000	ng	-0.01
76) Chrysene-d12	21.583	240	426004	20.000	ng	-0.02
86) Perylene-d12	24.715	264	498046	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	369930	121.815	ng	0.00
7) Phenol-d6	7.112	99	489730	108.641	ng	0.00
23) Nitrobenzene-d5	9.098	82	323205	102.039	ng	-0.01
42) 2,4,6-Tribromophenol	16.066	330	299877	185.316	ng	0.00
45) 2-Fluorobiphenyl	13.205	172	824271	84.862	ng	-0.01
79) Terphenyl-d14	19.950	244	1970878	81.464	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.098	70	43962	12.788	ng	# 79
24) Nitrobenzene	9.098	77	1048	3.053	ng	# 42
48) 2-Nitroaniline	13.205	65	1586	3.466	ng	# 16
51) 2,6-Dinitrotoluene	14.574	165	18875	12.169	ng	# 20
57) 2,4-Dinitrotoluene	14.574	165	18875	10.234	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.060	198	1024	7.562	ng	# 1
67) 4-Bromophenyl-phenylether	16.060	248	20867	5.129	ng	# 1
77) Benzidine	19.950	184	30577	2.726	ng	# 91

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

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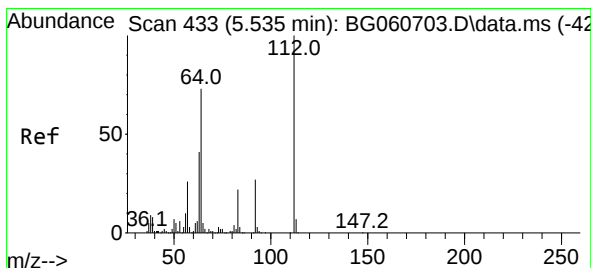
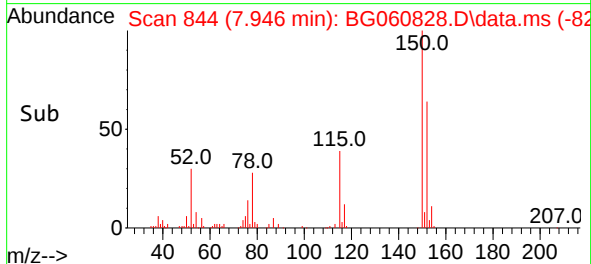
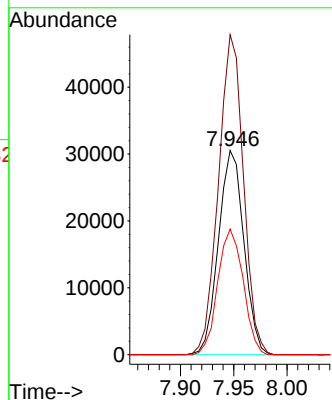
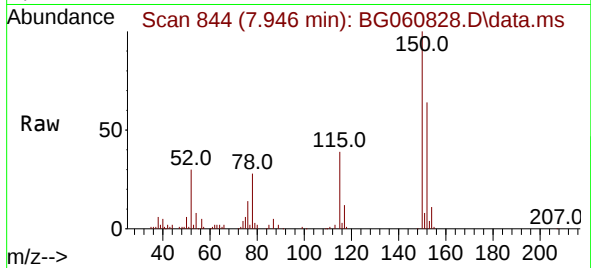




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.946 min Scan# 846
Delta R.T. -0.015 min
Lab File: BG060828.D
Acq: 8 Apr 2024 16:32

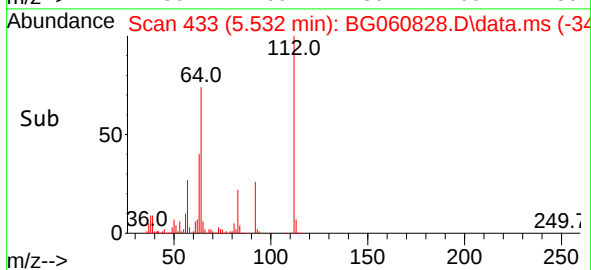
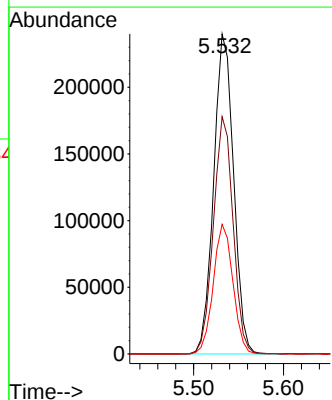
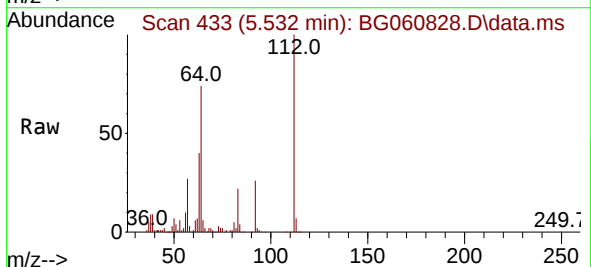
Instrument :
BNA_G
ClientSampleId :
PB160030BL

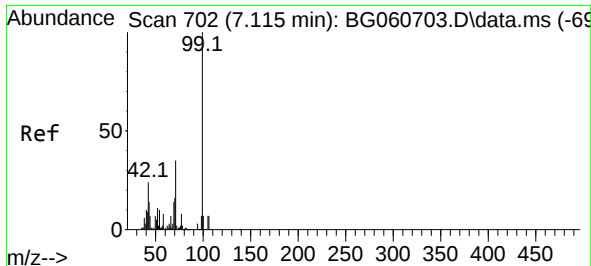
Tgt Ion:152 Resp: 50590
Ion Ratio Lower Upper
152 100
150 156.7 130.2 195.4
115 61.5 51.6 77.4



#5
2-Fluorophenol
Concen: 121.815 ng
RT: 5.532 min Scan# 433
Delta R.T. -0.003 min
Lab File: BG060828.D
Acq: 8 Apr 2024 16:32

Tgt Ion:112 Resp: 369930
Ion Ratio Lower Upper
112 100
64 74.2 58.4 87.6
63 40.5 32.7 49.1

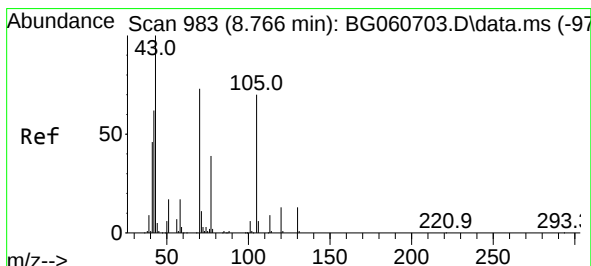
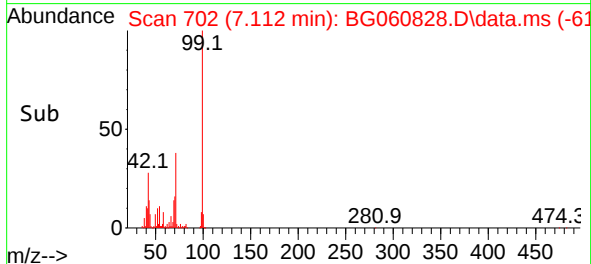
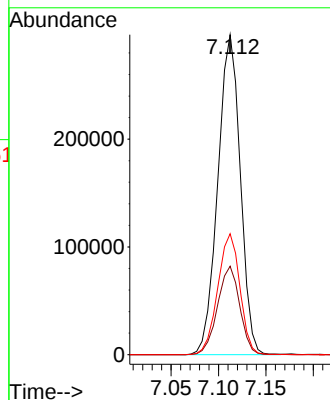
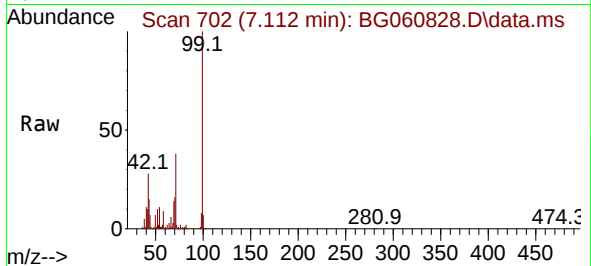




#7
Phenol-d6
Concen: 108.641 ng
RT: 7.112 min Scan# 70
Delta R.T. -0.003 min
Lab File: BG060828.D
Acq: 8 Apr 2024 16:32

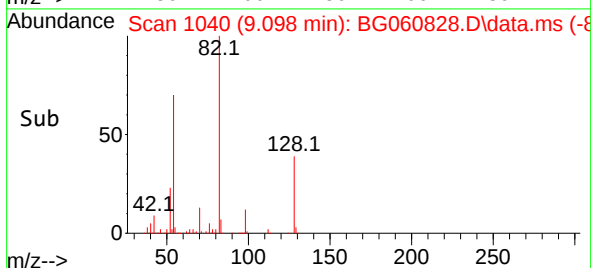
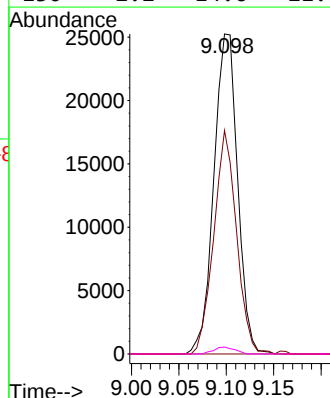
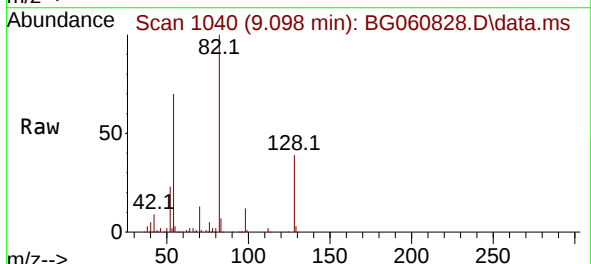
Instrument :
BNA_G
ClientSampleId :
PB160030BL

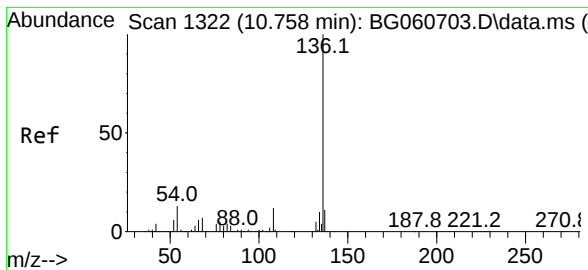
Tgt Ion: 99 Resp: 489730
Ion Ratio Lower Upper
99 100
42 27.7 19.4 29.2
71 37.8 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.788 ng
RT: 9.098 min Scan# 1040
Delta R.T. 0.332 min
Lab File: BG060828.D
Acq: 8 Apr 2024 16:32

Tgt Ion: 70 Resp: 43962
Ion Ratio Lower Upper
70 100
42 69.8 68.4 102.6
101 0.0 6.1 9.1#
130 2.2 14.6 21.8#

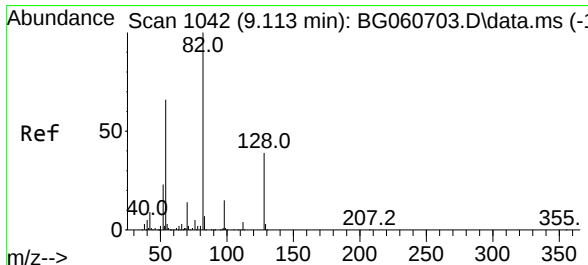
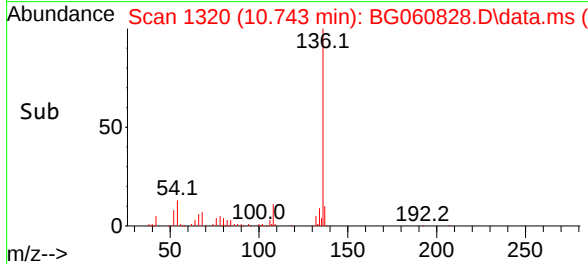
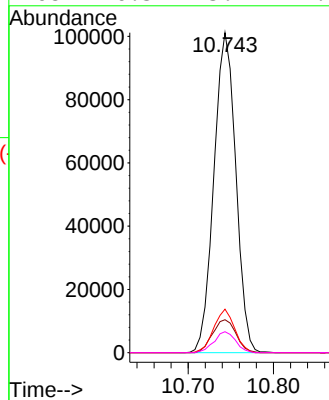
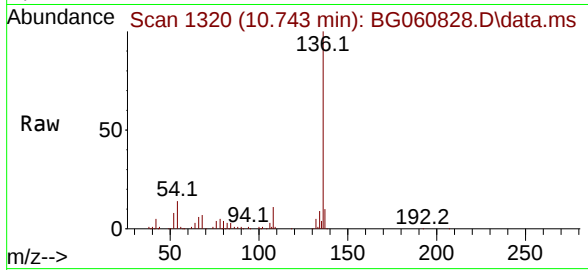




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 11
Delta R.T. -0.015 min
Lab File: BG060828.D
Acq: 8 Apr 2024 16:32

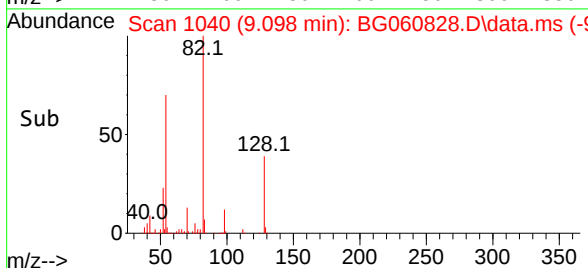
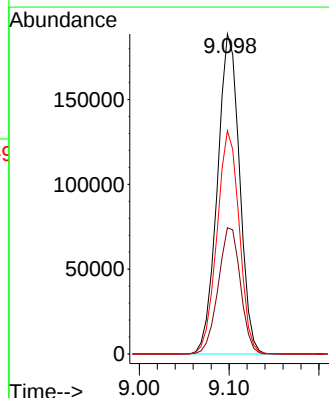
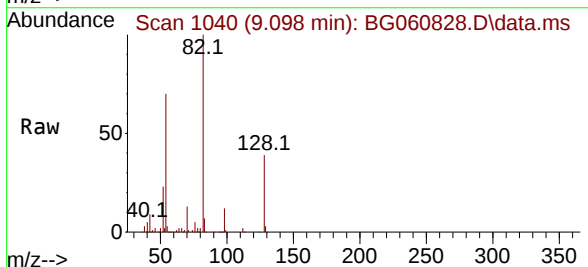
Instrument :
BNA_G
ClientSampleId :
PB160030BL

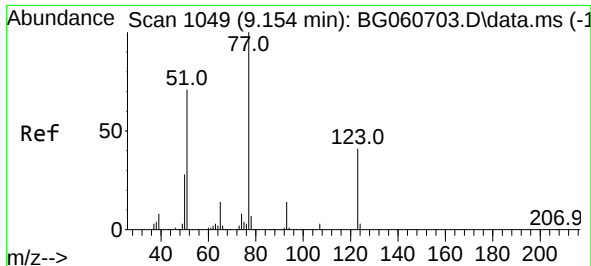
Tgt Ion:	136	Resp:	180740
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	13.6	10.2	15.2
68	6.5	5.2	7.8



#23
Nitrobenzene-d5
Concen: 102.039 ng
RT: 9.098 min Scan# 1040
Delta R.T. -0.015 min
Lab File: BG060828.D
Acq: 8 Apr 2024 16:32

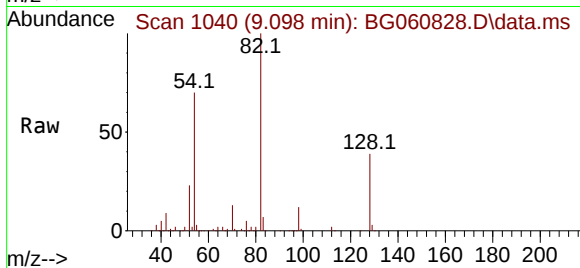
Tgt Ion:	82	Resp:	323205
Ion	Ratio	Lower	Upper
82	100		
128	39.5	31.2	46.8
54	69.8	53.2	79.8



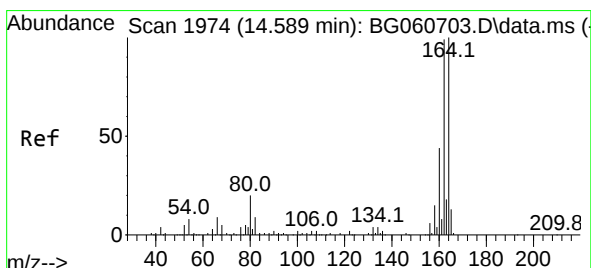
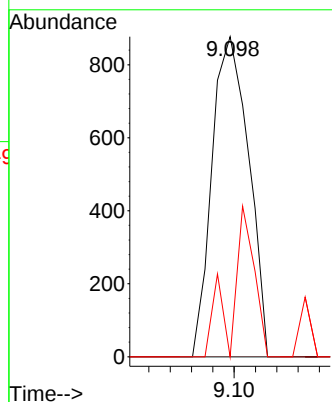
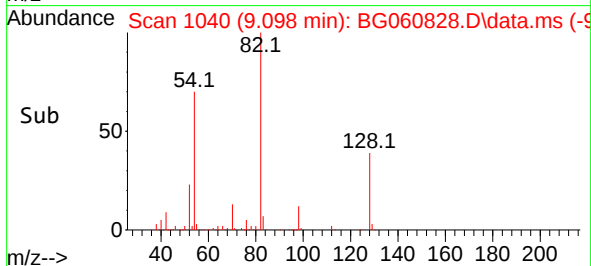


#24
Nitrobenzene
Concen: 3.053 ng
RT: 9.098 min Scan# 1048
Delta R.T. -0.056 min
Lab File: BG060828.D
Acq: 8 Apr 2024 16:32

Instrument :
BNA_G
ClientSampleId :
PB160030BL

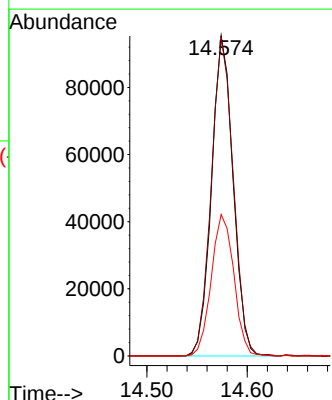
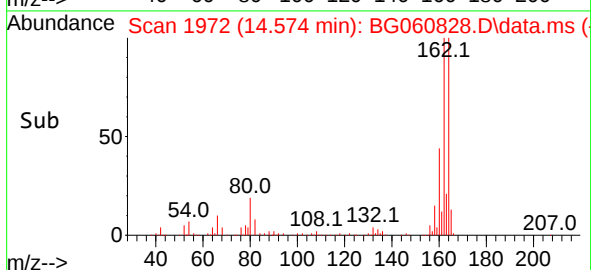
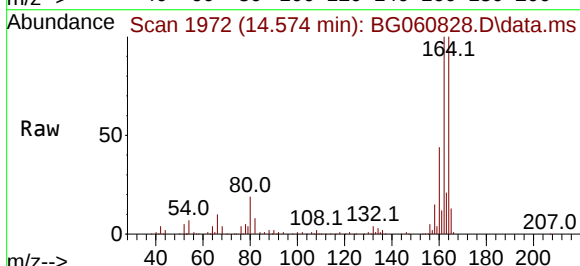


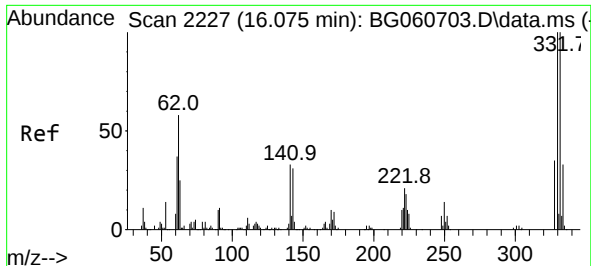
Tgt Ion: 77 Resp: 1048
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 0.0 11.3 16.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1972
Delta R.T. -0.015 min
Lab File: BG060828.D
Acq: 8 Apr 2024 16:32

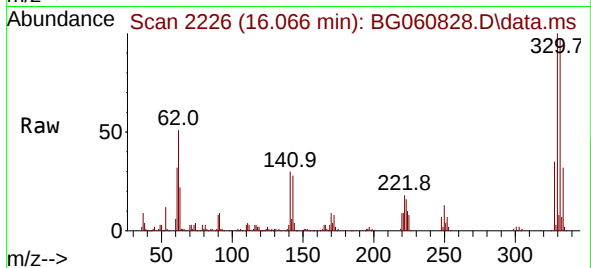
Tgt Ion: 164 Resp: 142552
Ion Ratio Lower Upper
164 100
162 99.7 79.5 119.3
160 44.2 35.4 53.0



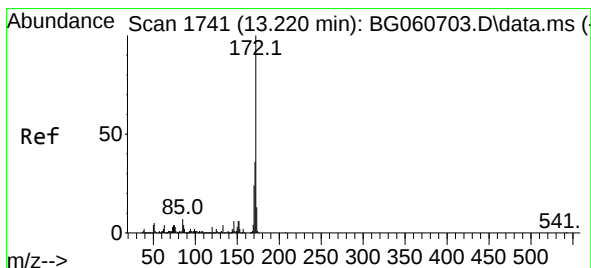
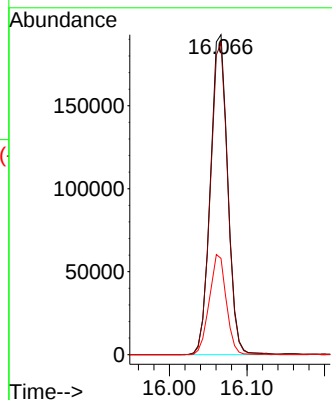
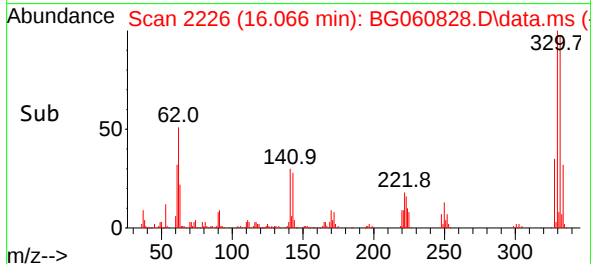


#42
2,4,6-Tribromophenol
Concen: 185.316 ng
RT: 16.066 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG060828.D
Acq: 8 Apr 2024 16:32

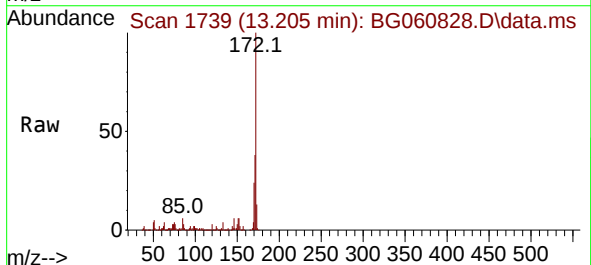
Instrument :
BNA_G
ClientSampleId :
PB160030BL



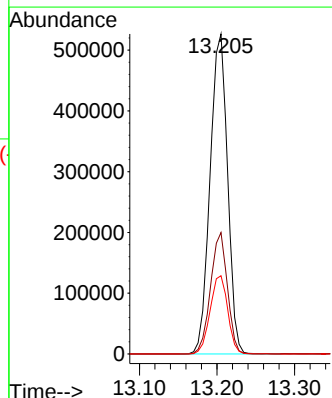
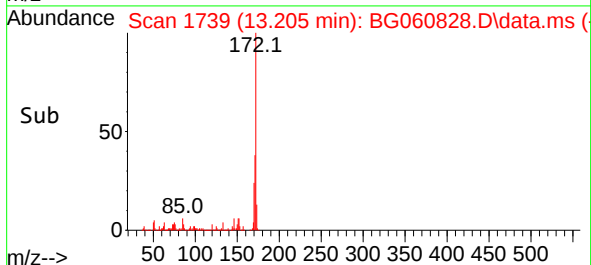
Tgt Ion:330 Resp: 299877
Ion Ratio Lower Upper
330 100
332 97.0 78.2 117.4
141 30.6 27.0 40.6

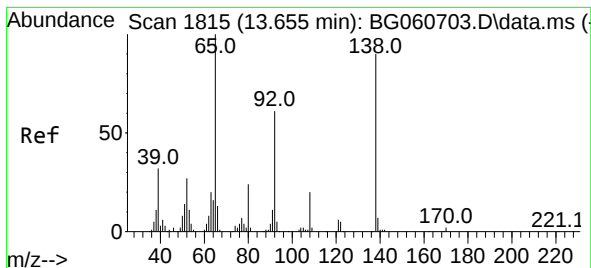


#45
2-Fluorobiphenyl
Concen: 84.862 ng
RT: 13.205 min Scan# 1739
Delta R.T. -0.015 min
Lab File: BG060828.D
Acq: 8 Apr 2024 16:32



Tgt Ion:172 Resp: 824271
Ion Ratio Lower Upper
172 100
171 38.0 28.7 43.1
170 24.4 19.4 29.0





#48

2-Nitroaniline

Concen: 3.466 ng

RT: 13.205 min Scan# 1

Delta R.T. -0.450 min

Lab File: BG060828.D

Acq: 8 Apr 2024 16:32

Instrument :

BNA_G

ClientSampleId :

PB160030BL

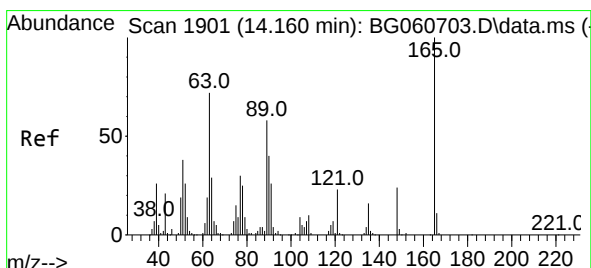
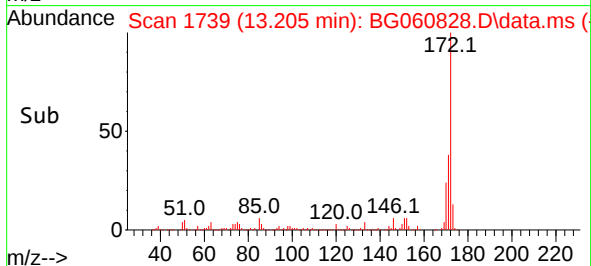
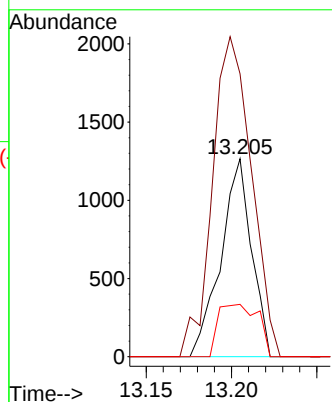
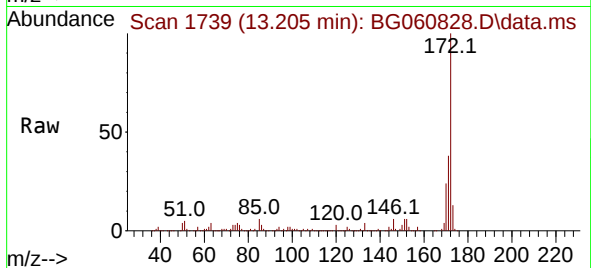
Tgt Ion: 65 Resp: 1586

Ion Ratio Lower Upper

65 100

92 142.9 48.6 72.8#

138 26.5 72.2 108.4#



#51

2,6-Dinitrotoluene

Concen: 12.169 ng

RT: 14.574 min Scan# 1972

Delta R.T. 0.414 min

Lab File: BG060828.D

Acq: 8 Apr 2024 16:32

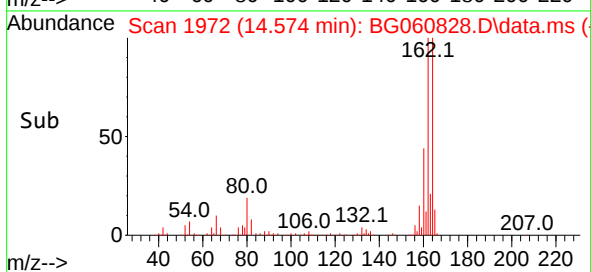
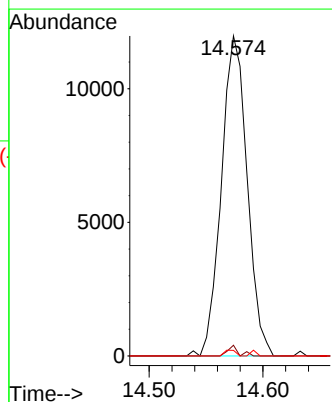
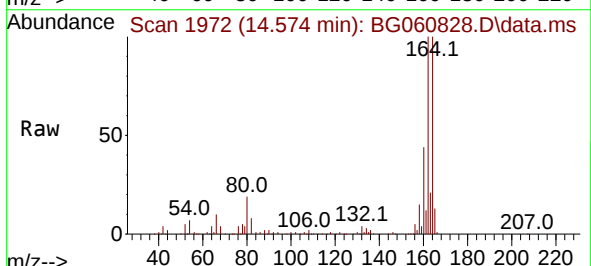
Tgt Ion:165 Resp: 18875

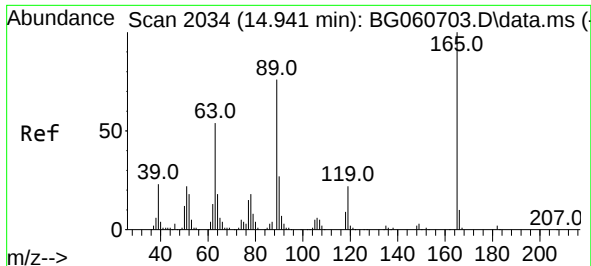
Ion Ratio Lower Upper

165 100

63 3.4 58.2 87.4#

89 1.7 46.1 69.1#





#57

2,4-Dinitrotoluene

Concen: 10.234 ng

RT: 14.574 min Scan# 14

Delta R.T. -0.367 min

Lab File: BG060828.D

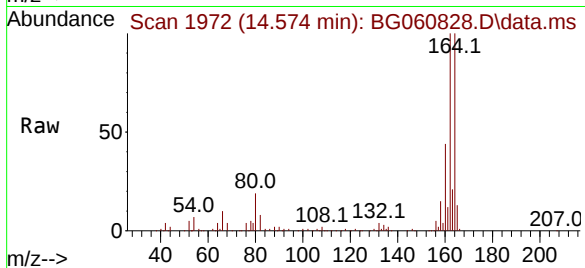
Acq: 8 Apr 2024 16:32

Instrument :

BNA_G

ClientSampleId :

PB160030BL



Tgt Ion:165 Resp: 18875

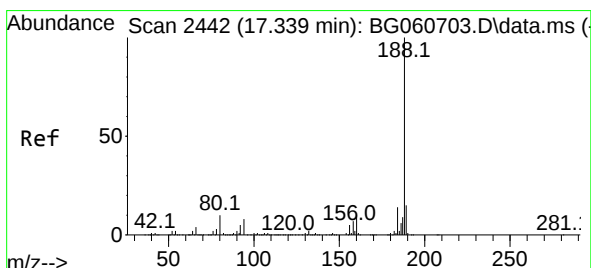
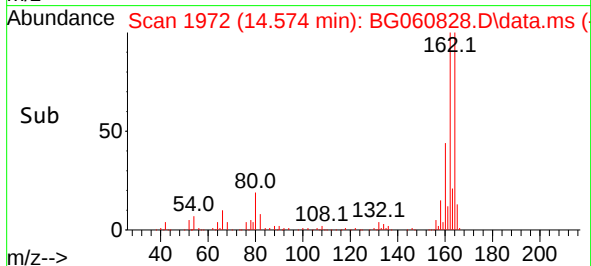
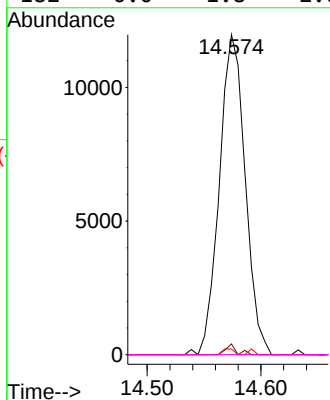
Ion Ratio Lower Upper

165 100

63 3.4 43.4 65.0#

89 1.7 61.0 91.6#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.324 min Scan# 2440

Delta R.T. -0.015 min

Lab File: BG060828.D

Acq: 8 Apr 2024 16:32

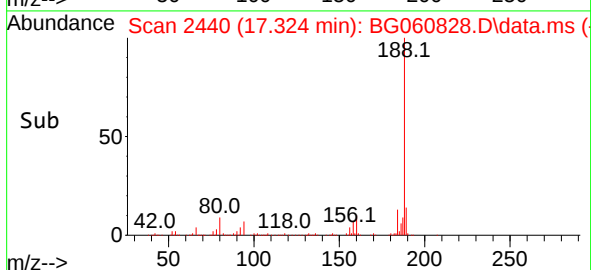
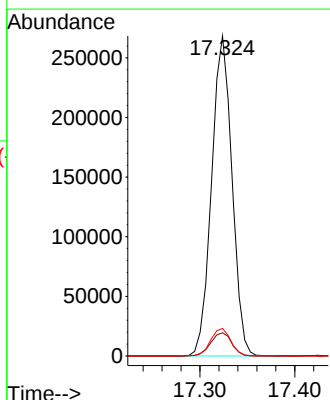
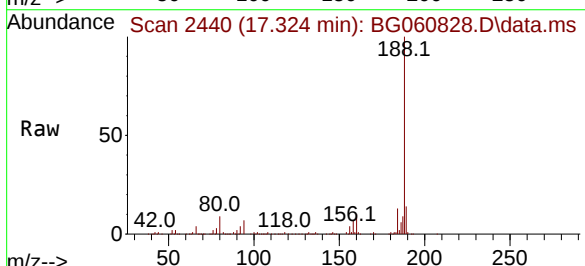
Tgt Ion:188 Resp: 400890

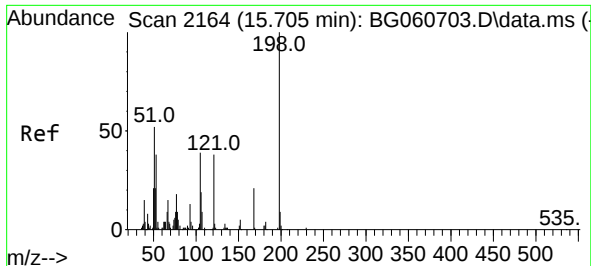
Ion Ratio Lower Upper

188 100

94 7.3 6.6 9.8

80 8.6 7.6 11.4

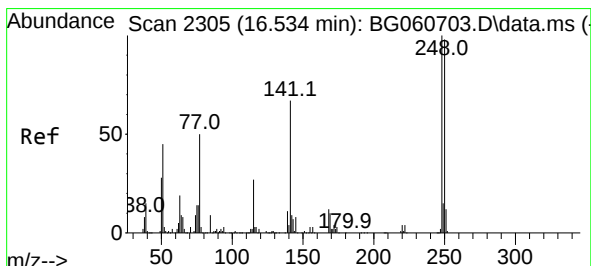
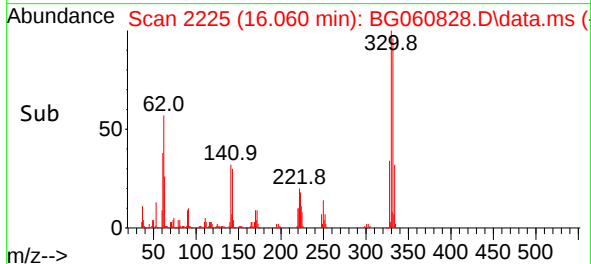
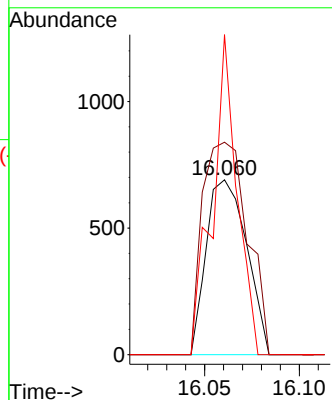
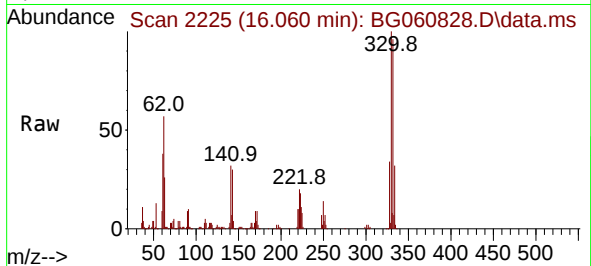




#65
4,6-Dinitro-2-methylphenol
Concen: 7.562 ng
RT: 16.060 min Scan# 2164
Delta R.T. 0.355 min
Lab File: BG060828.D
Acq: 8 Apr 2024 16:32

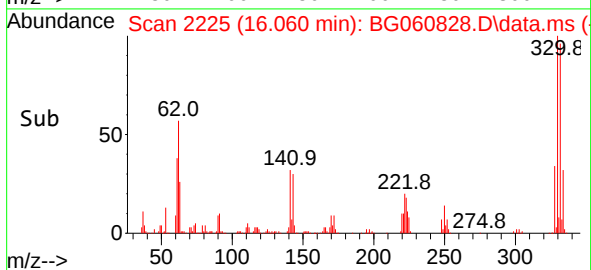
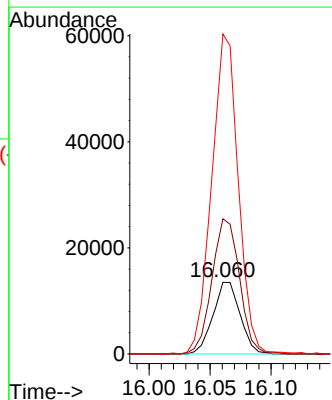
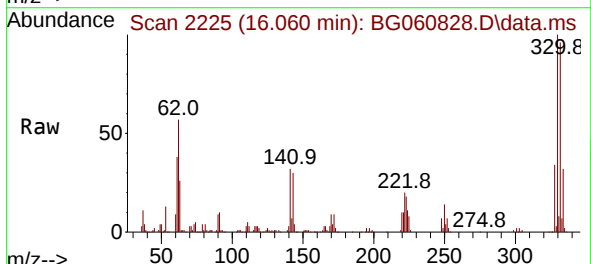
Instrument :
BNA_G
ClientSampleId :
PB160030BL

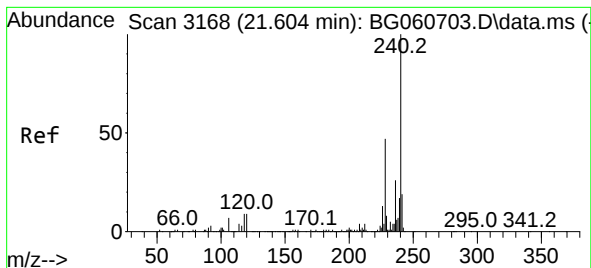
Tgt Ion:198 Resp: 1024
Ion Ratio Lower Upper
198 100
51 121.4 36.7 76.7#
105 182.9 19.1 59.1#



#67
4-Bromophenyl-phenylether
Concen: 5.129 ng
RT: 16.060 min Scan# 2225
Delta R.T. -0.474 min
Lab File: BG060828.D
Acq: 8 Apr 2024 16:32

Tgt Ion:248 Resp: 20867
Ion Ratio Lower Upper
248 100
250 188.7 78.3 117.5#
141 446.6 53.7 80.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.583 min Scan# 3165

Delta R.T. -0.021 min

Lab File: BG060828.D

Acq: 8 Apr 2024 16:32

Instrument :

BNA_G

ClientSampleId :

PB160030BL

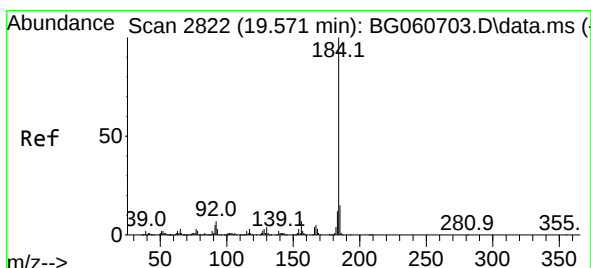
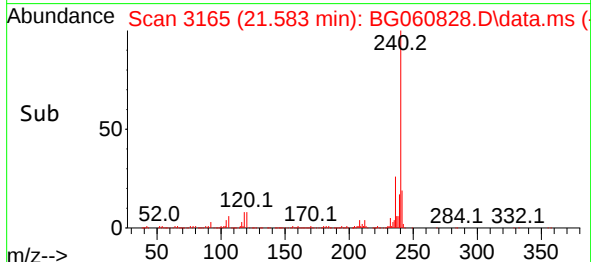
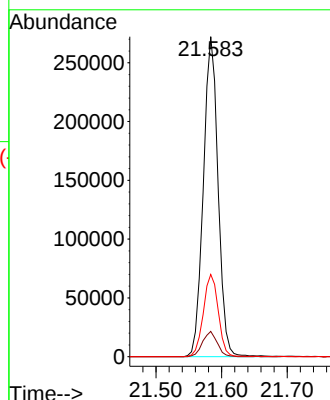
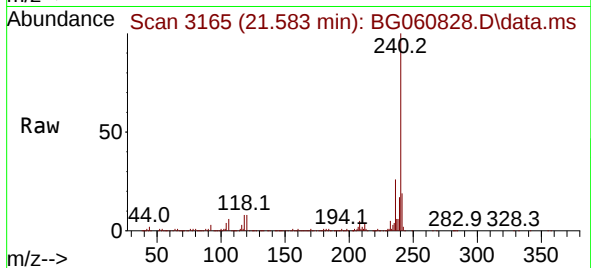
Tgt Ion:240 Resp: 426004

Ion Ratio Lower Upper

240 100

120 7.9 7.1 10.7

236 25.7 20.7 31.1



#77

Benzidine

Concen: 2.726 ng

RT: 19.950 min Scan# 2887

Delta R.T. 0.379 min

Lab File: BG060828.D

Acq: 8 Apr 2024 16:32

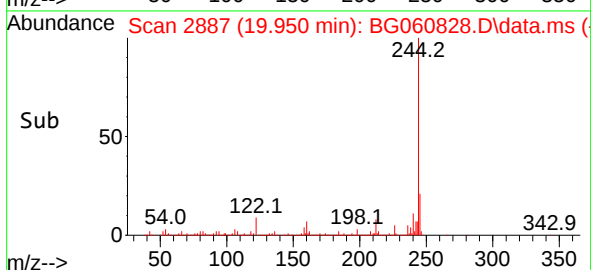
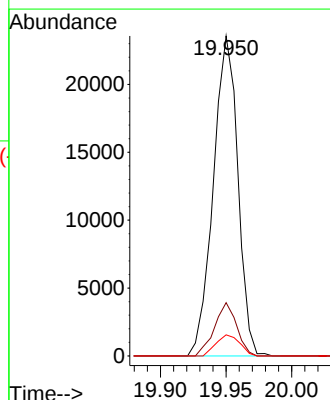
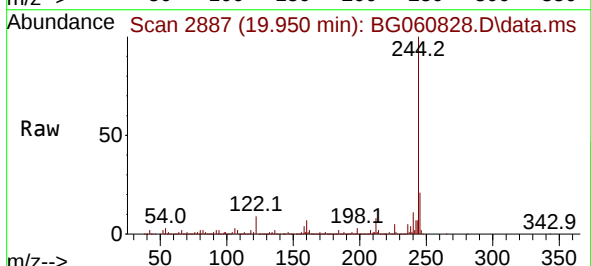
Tgt Ion:184 Resp: 30577

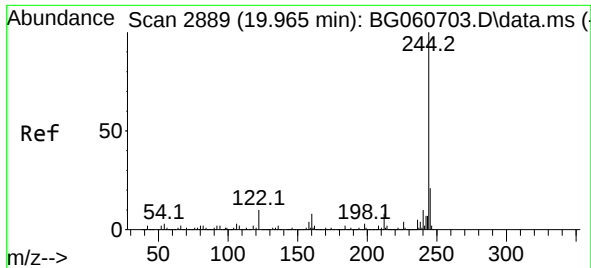
Ion Ratio Lower Upper

184 100

185 16.7 11.8 17.6

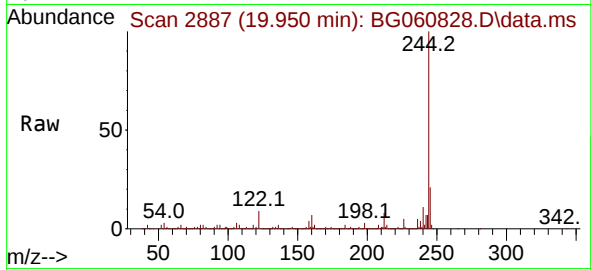
183 6.6 9.5 14.3#





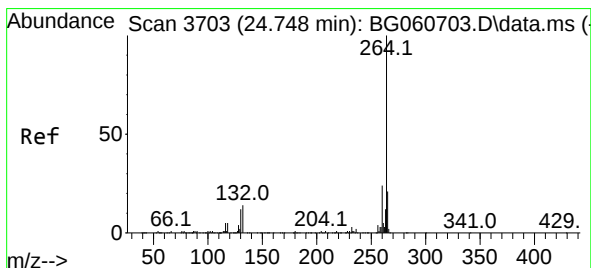
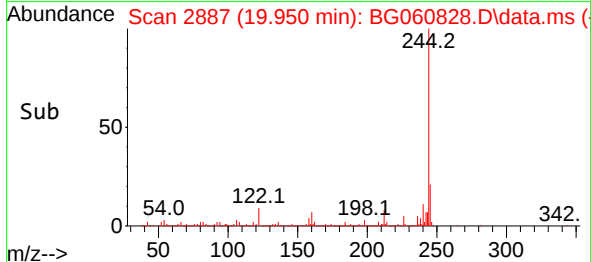
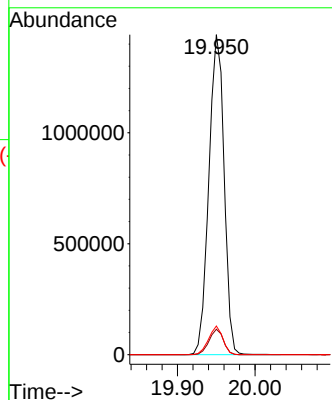
#79
 Terphenyl-d14
 Concen: 81.464 ng
 RT: 19.950 min Scan# 21
 Delta R.T. -0.015 min
 Lab File: BG060828.D
 Acq: 8 Apr 2024 16:32

Instrument :
 BNA_G
 ClientSampleId :
 PB160030BL



Tgt Ion:244 Resp: 1970878

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	8.9	7.8	11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.715 min Scan# 3698
 Delta R.T. -0.033 min
 Lab File: BG060828.D
 Acq: 8 Apr 2024 16:32

Tgt Ion:264 Resp: 498046

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	20.4	16.9	25.3

