

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041024\
 Data File : BG060851.D
 Acq On : 10 Apr 2024 15:50
 Operator : MA/JU
 Sample : P2028-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PIERS-1

Quant Time: Apr 10 16:36:18 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)

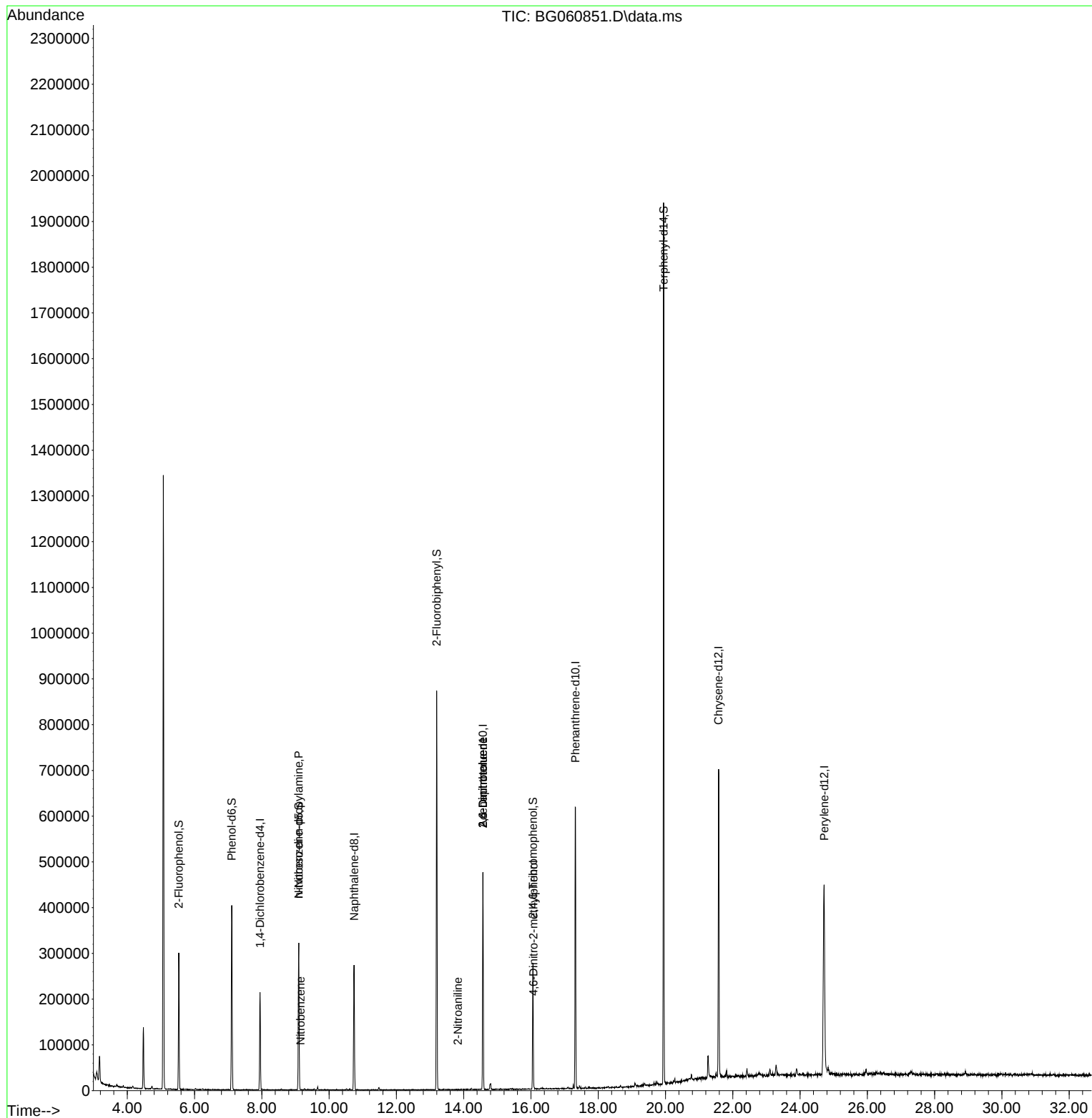
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	54577	20.000	ng	-0.01
21) Naphthalene-d8	10.744	136	217916	20.000	ng	-0.01
39) Acenaphthene-d10	14.575	164	165544	20.000	ng	-0.01
64) Phenanthrene-d10	17.324	188	401000	20.000	ng	-0.01
76) Chrysene-d12	21.578	240	407374	20.000	ng	-0.03
86) Perylene-d12	24.716	264	479074	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	111567	34.054	ng	0.00
7) Phenol-d6	7.107	99	200060	41.139	ng	0.00
23) Nitrobenzene-d5	9.099	82	170908	44.752	ng	-0.01
42) 2,4,6-Tribromophenol	16.061	330	55184	29.366	ng	-0.01
45) 2-Fluorobiphenyl	13.200	172	444103	39.372	ng	-0.02
79) Terphenyl-d14	19.945	244	945637	40.874	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.099	70	23283	6.278	ng	# 73
24) Nitrobenzene	9.152	77	54	2.785	ng	# 42
48) 2-Nitroaniline	13.828	65	63	2.814	ng	# 11
51) 2,6-Dinitrotoluene	14.575	165	21033	11.818	ng	# 18
57) 2,4-Dinitrotoluene	14.575	165	21033	9.953	ng	# 19
65) 4,6-Dinitro-2-methylph...	16.073	198	62	7.066	ng	# 37

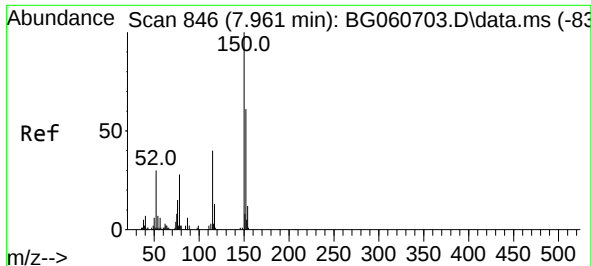
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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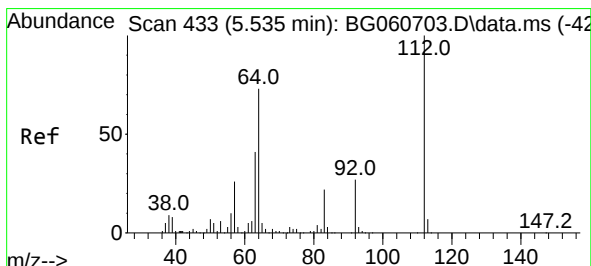
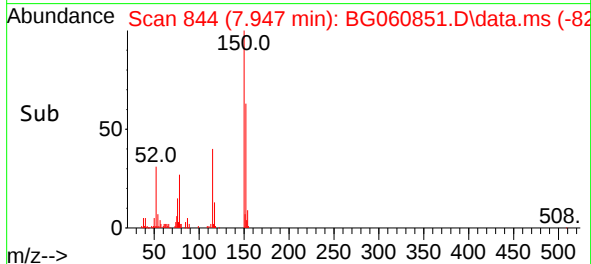
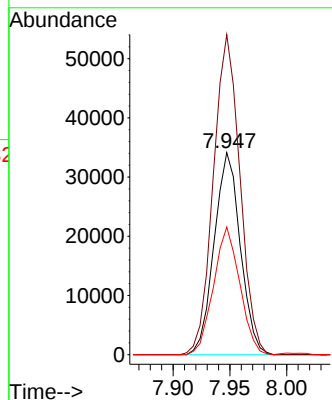
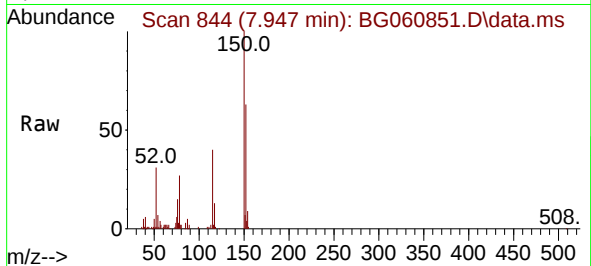




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.947 min Scan# 846
Delta R.T. -0.014 min
Lab File: BG060851.D
Acq: 10 Apr 2024 15:50

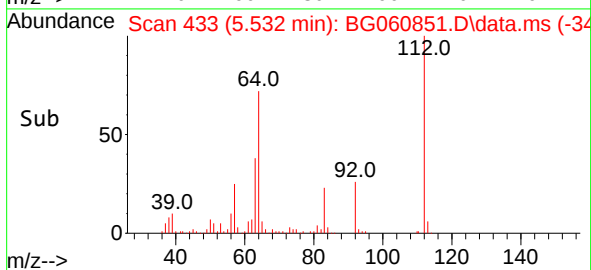
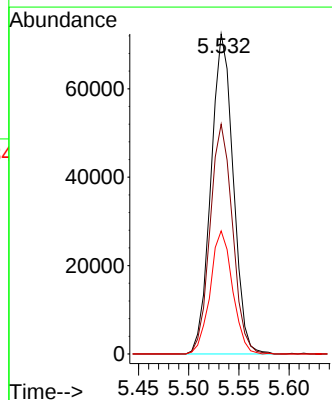
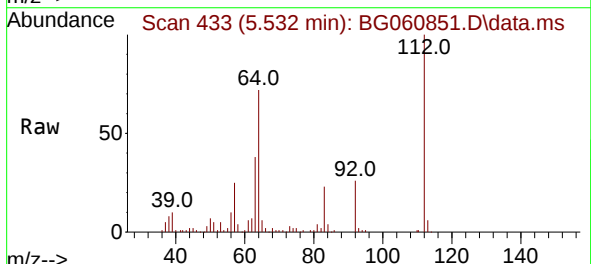
Instrument :
BNA_G
ClientSampleId :
PIERS-1

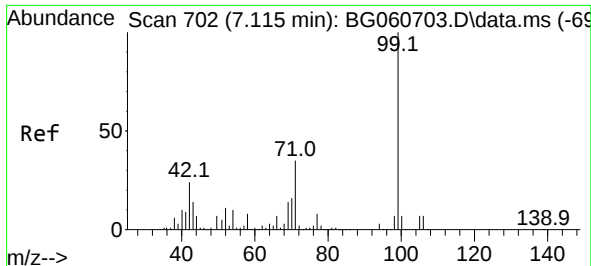
Tgt Ion:152 Resp: 54577
Ion Ratio Lower Upper
152 100
150 158.4 130.2 195.4
115 63.2 51.6 77.4



#5
2-Fluorophenol
Concen: 34.054 ng
RT: 5.532 min Scan# 433
Delta R.T. -0.003 min
Lab File: BG060851.D
Acq: 10 Apr 2024 15:50

Tgt Ion:112 Resp: 111567
Ion Ratio Lower Upper
112 100
64 71.8 58.4 87.6
63 38.4 32.7 49.1

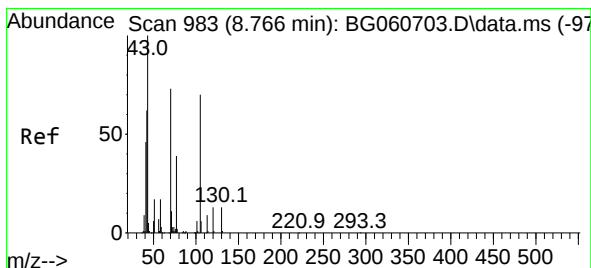
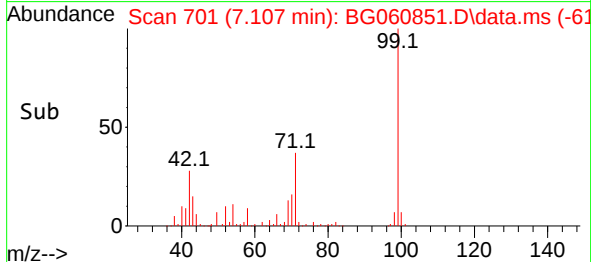
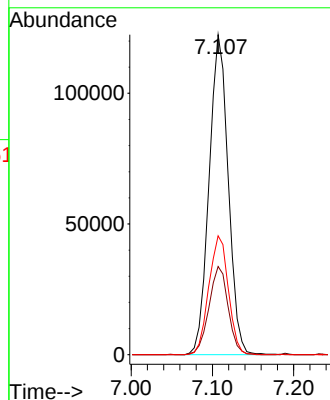
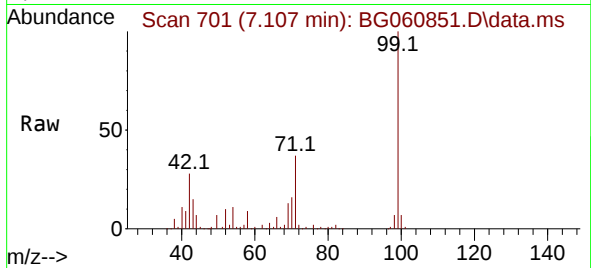




#7
Phenol-d6
Concen: 41.139 ng
RT: 7.107 min Scan# 702
Delta R.T. -0.008 min
Lab File: BG060851.D
Acq: 10 Apr 2024 15:50

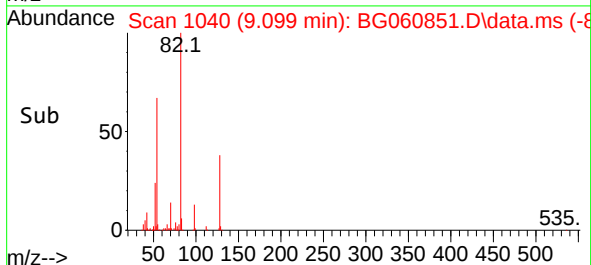
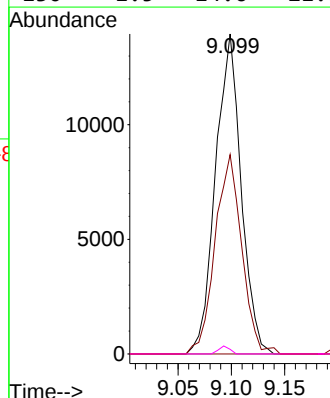
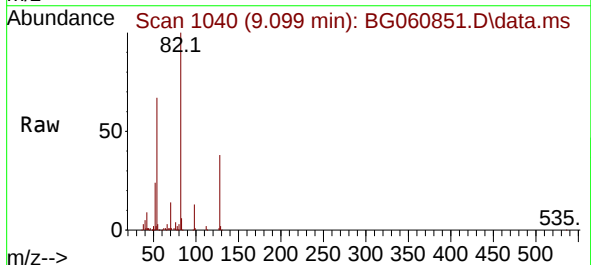
Instrument :
BNA_G
ClientSampleId :
PIERS-1

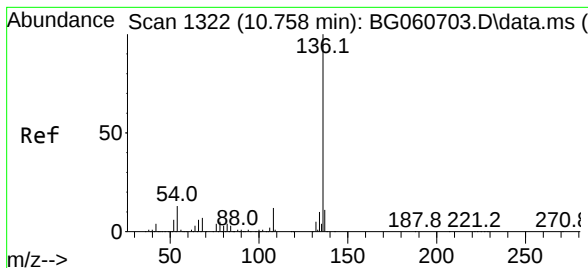
Tgt Ion: 99 Resp: 200060
Ion Ratio Lower Upper
99 100
42 27.6 19.4 29.2
71 37.2 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 6.278 ng
RT: 9.099 min Scan# 1040
Delta R.T. 0.333 min
Lab File: BG060851.D
Acq: 10 Apr 2024 15:50

Tgt Ion: 70 Resp: 23283
Ion Ratio Lower Upper
70 100
42 62.3 68.4 102.6#
101 0.0 6.1 9.1#
130 1.5 14.6 21.8#



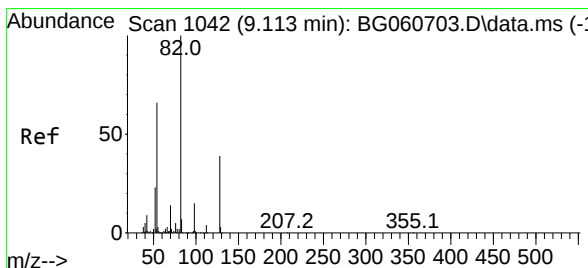
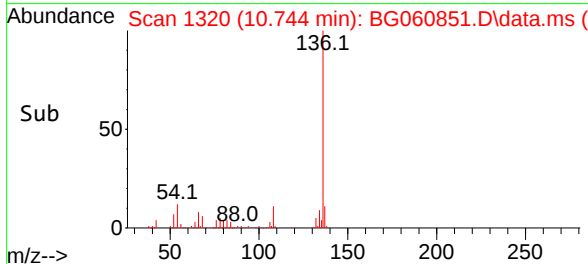
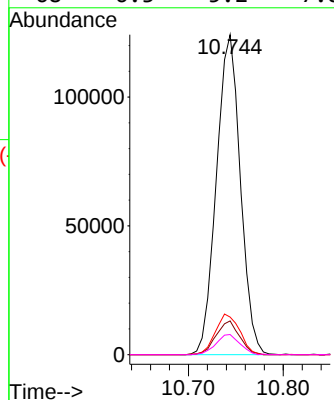
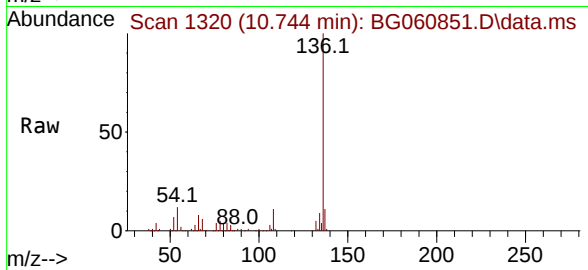


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 11
Delta R.T. -0.014 min
Lab File: BG060851.D
Acq: 10 Apr 2024 15:50

Instrument :
BNA_G
ClientSampleId :
PIERS-1

Tgt Ion:136 Resp: 217916

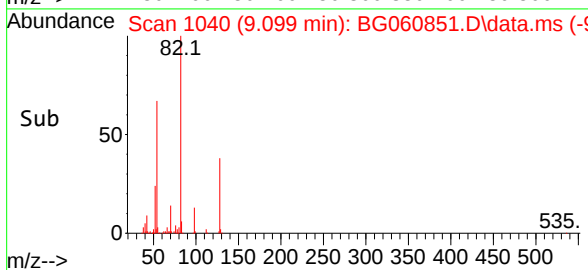
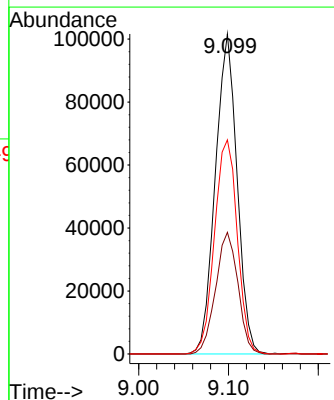
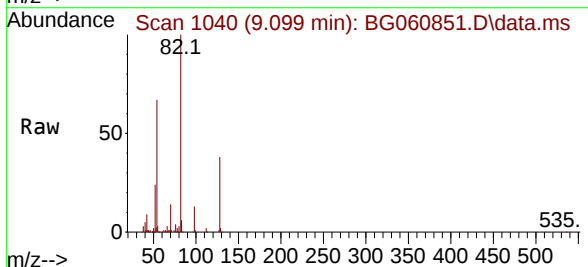
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	11.7	10.2	15.2
68	6.3	5.2	7.8



#23
Nitrobenzene-d5
Concen: 44.752 ng
RT: 9.099 min Scan# 1040
Delta R.T. -0.014 min
Lab File: BG060851.D
Acq: 10 Apr 2024 15:50

Tgt Ion: 82 Resp: 170908

Ion	Ratio	Lower	Upper
82	100		
128	38.0	31.2	46.8
54	66.9	53.2	79.8

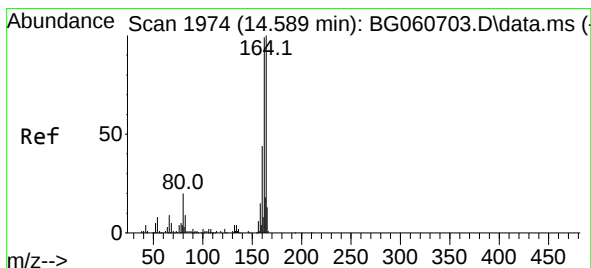
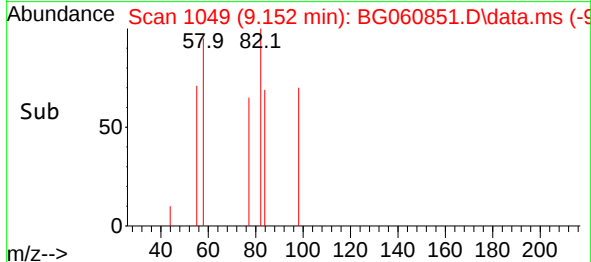
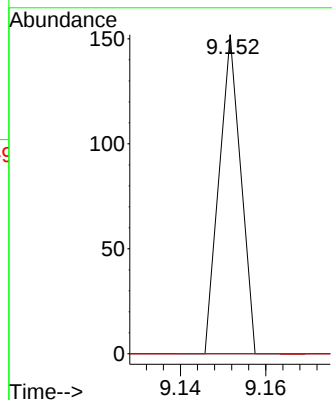
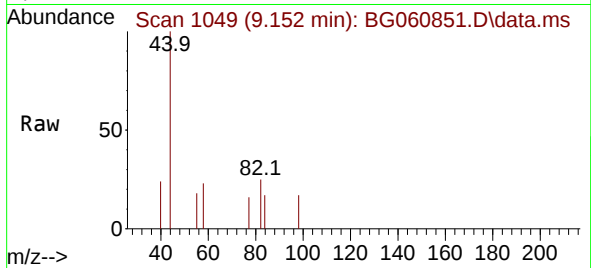




#24
Nitrobenzene
Concen: 2.785 ng
RT: 9.152 min Scan# 1049
Delta R.T. -0.002 min
Lab File: BG060851.D
Acq: 10 Apr 2024 15:50

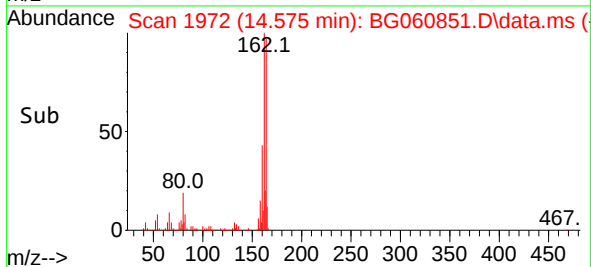
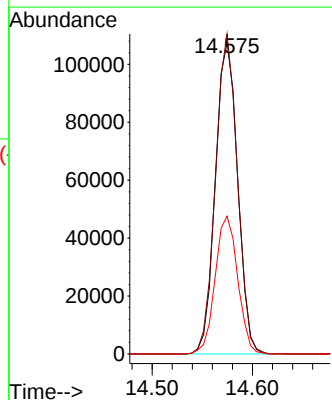
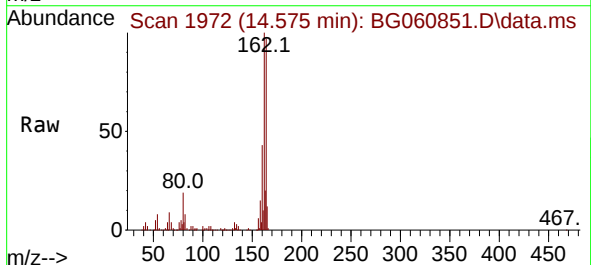
Instrument :
BNA_G
ClientSampleId :
PIERS-1

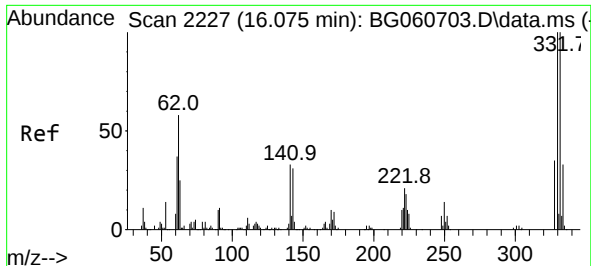
Tgt Ion: 77 Resp: 54
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 0.0 11.3 16.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1972
Delta R.T. -0.014 min
Lab File: BG060851.D
Acq: 10 Apr 2024 15:50

Tgt Ion:164 Resp: 165544
Ion Ratio Lower Upper
164 100
162 102.8 79.5 119.3
160 44.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 29.366 ng

RT: 16.061 min Scan# 21

Delta R.T. -0.014 min

Lab File: BG060851.D

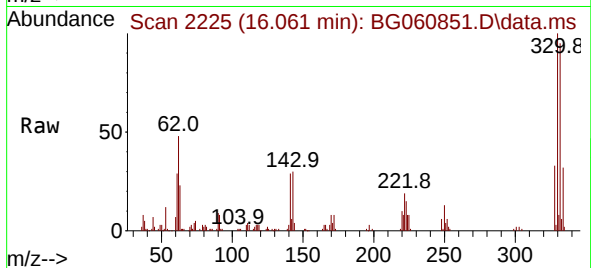
Acq: 10 Apr 2024 15:50

Instrument :

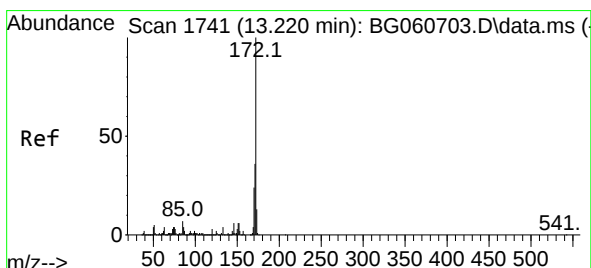
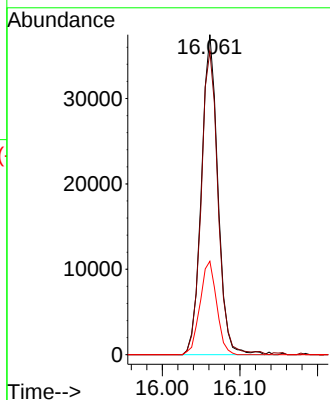
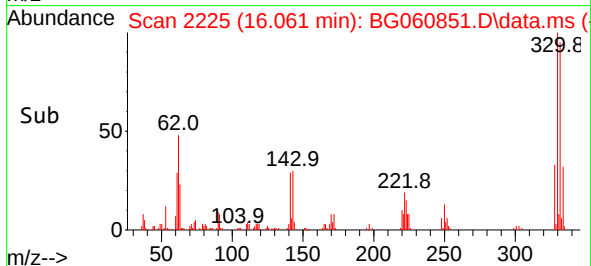
BNA_G

ClientSampleId :

PIERS-1



Tgt Ion:	330	Resp:	55184
Ion Ratio	Lower	Upper	
330	100		
332	97.0	78.2	117.4
141	29.5	27.0	40.6



#45

2-Fluorobiphenyl

Concen: 39.372 ng

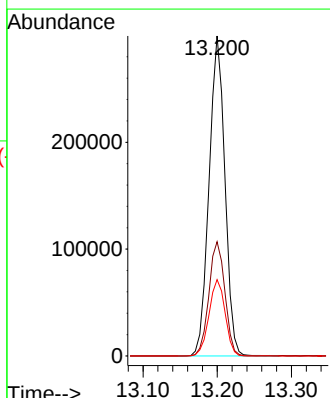
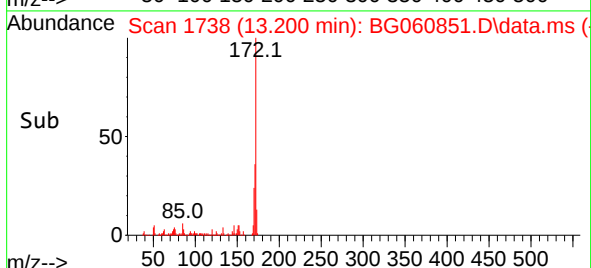
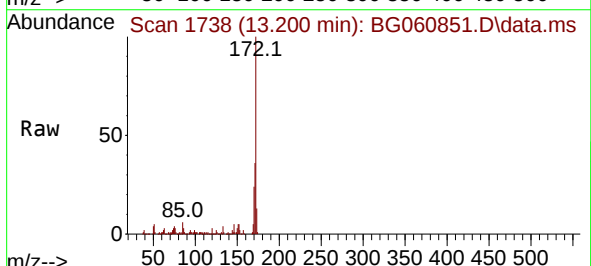
RT: 13.200 min Scan# 1738

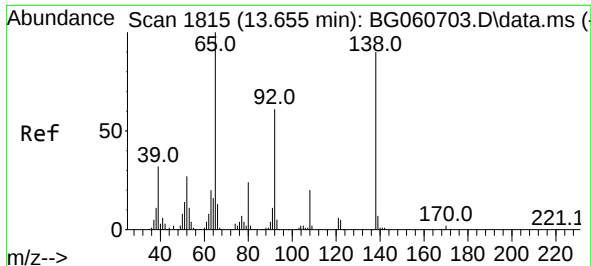
Delta R.T. -0.020 min

Lab File: BG060851.D

Acq: 10 Apr 2024 15:50

Tgt Ion:	172	Resp:	444103
Ion Ratio	Lower	Upper	
172	100		
171	35.7	28.7	43.1
170	23.8	19.4	29.0

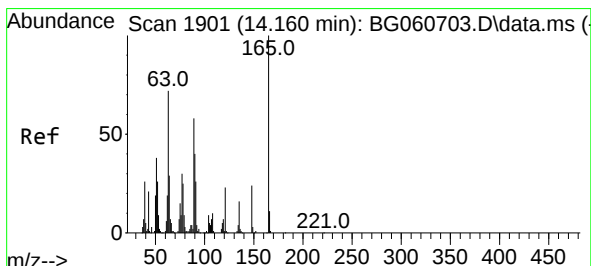
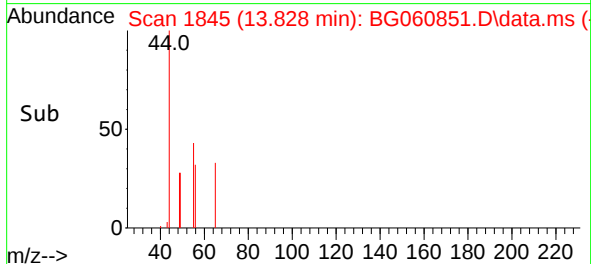
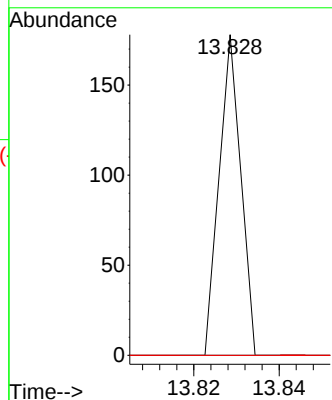
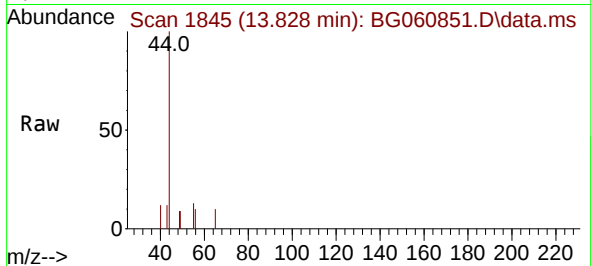




#48
2-Nitroaniline
Concen: 2.814 ng
RT: 13.828 min Scan# 1845
Delta R.T. 0.173 min
Lab File: BG060851.D
Acq: 10 Apr 2024 15:50

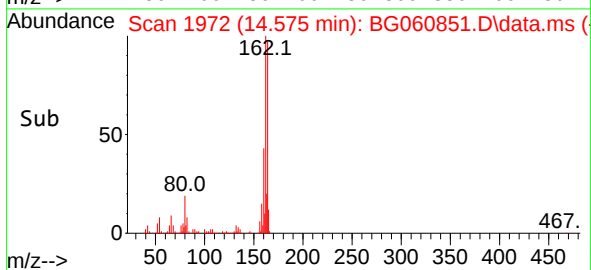
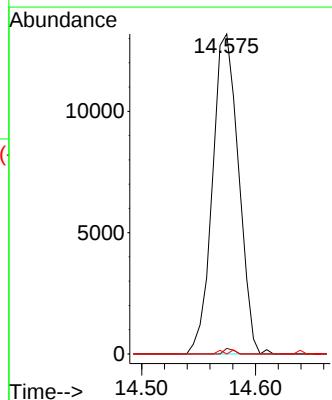
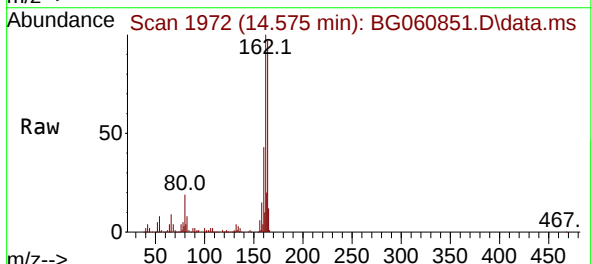
Instrument :
BNA_G
ClientSampleId :
PIERS-1

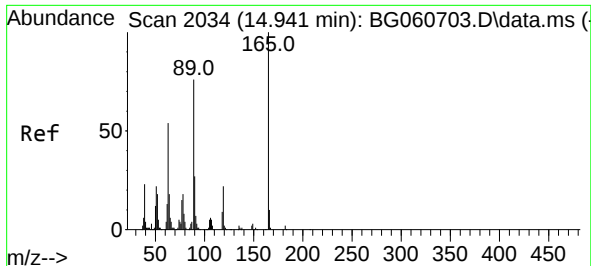
Tgt Ion: 65 Resp: 63
Ion Ratio Lower Upper
65 100
92 0.0 48.6 72.8#
138 0.0 72.2 108.4#



#51
2,6-Dinitrotoluene
Concen: 11.818 ng
RT: 14.575 min Scan# 1972
Delta R.T. 0.415 min
Lab File: BG060851.D
Acq: 10 Apr 2024 15:50

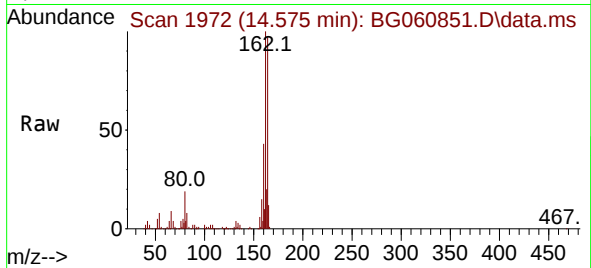
Tgt Ion:165 Resp: 21033
Ion Ratio Lower Upper
165 100
63 1.8 58.2 87.4#
89 0.0 46.1 69.1#



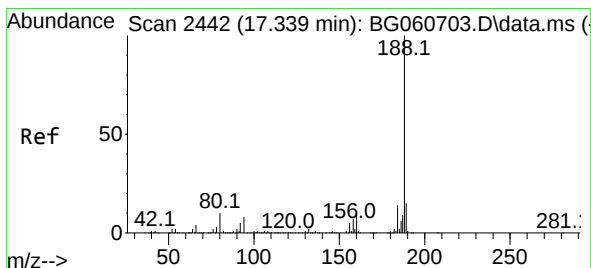
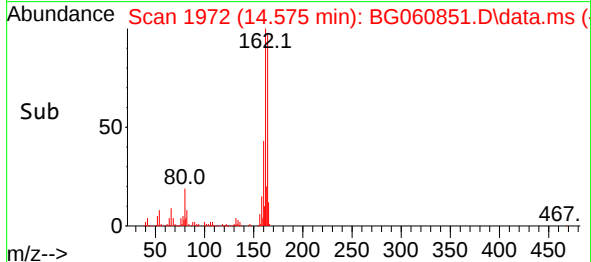
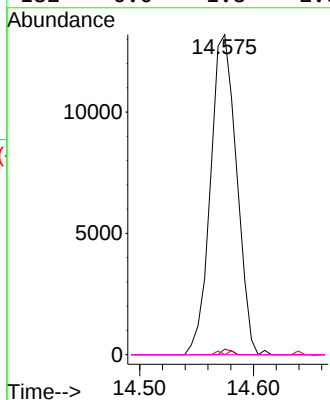


#57
2,4-Dinitrotoluene
Concen: 9.953 ng
RT: 14.575 min Scan# 1972
Delta R.T. -0.366 min
Lab File: BG060851.D
Acq: 10 Apr 2024 15:50

Instrument :
BNA_G
ClientSampleId :
PIERS-1

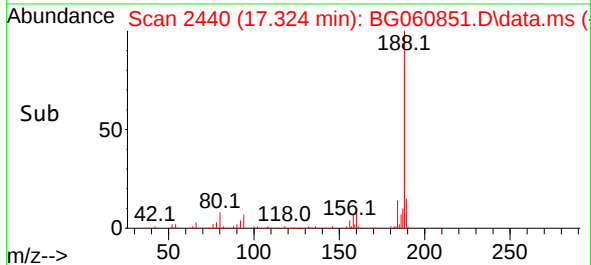
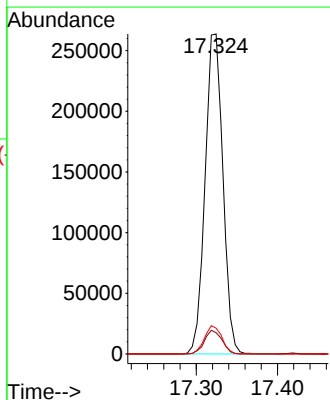
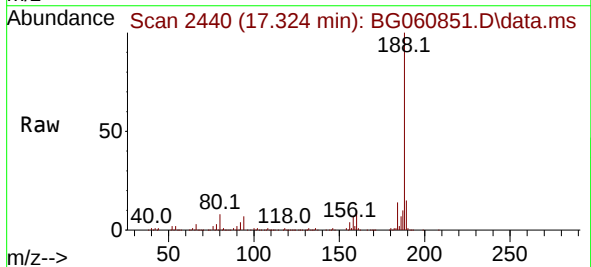


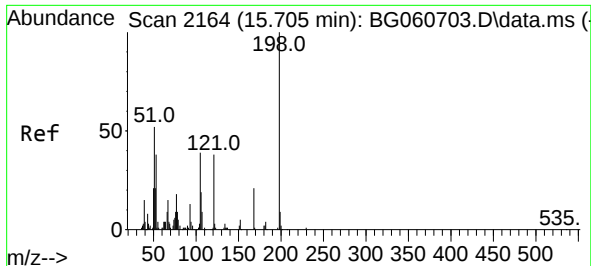
Tgt Ion:165 Resp: 21033
Ion Ratio Lower Upper
165 100
63 1.8 43.4 65.0#
89 0.0 61.0 91.6#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 2440
Delta R.T. -0.014 min
Lab File: BG060851.D
Acq: 10 Apr 2024 15:50

Tgt Ion:188 Resp: 401000
Ion Ratio Lower Upper
188 100
94 6.7 6.6 9.8
80 8.1 7.6 11.4

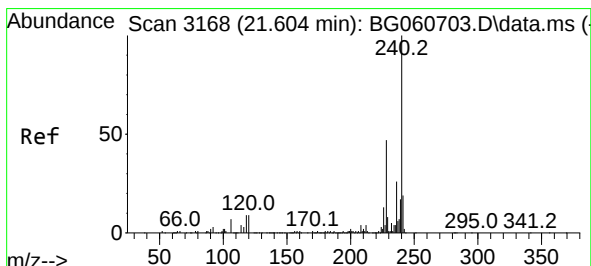
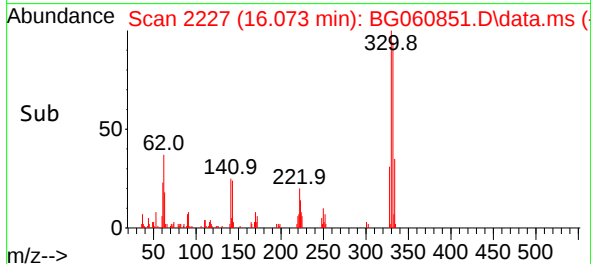
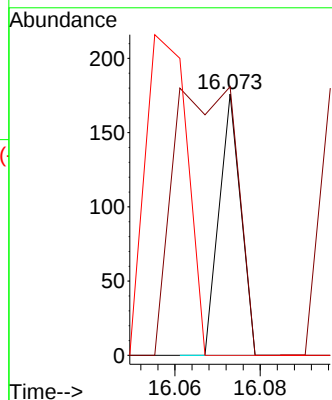
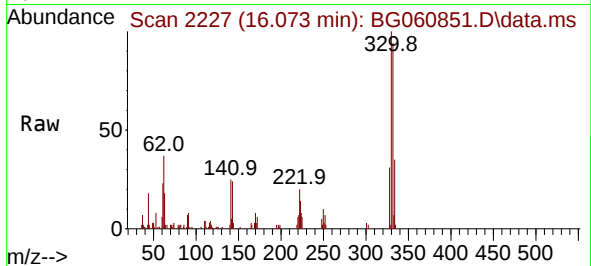




#65
4,6-Dinitro-2-methylphenol
Concen: 7.066 ng
RT: 16.073 min Scan# 2164
Delta R.T. 0.368 min
Lab File: BG060851.D
Acq: 10 Apr 2024 15:50

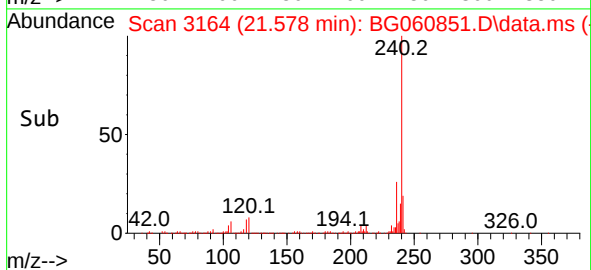
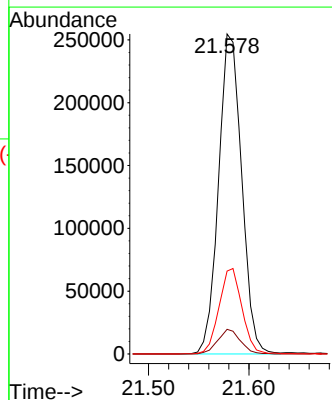
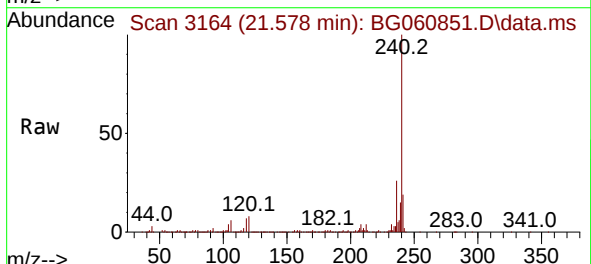
Instrument :
BNA_G
ClientSampleId :
PIERS-1

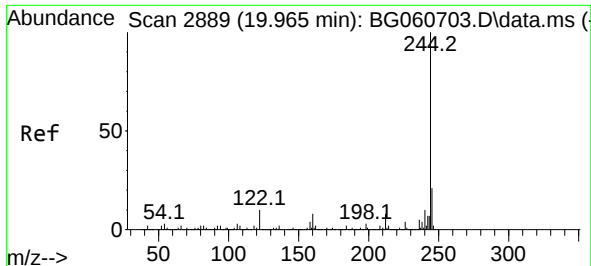
Tgt Ion:198 Resp: 62
Ion Ratio Lower Upper
198 100
51 102.8 36.7 76.7#
105 0.0 19.1 59.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.578 min Scan# 3164
Delta R.T. -0.026 min
Lab File: BG060851.D
Acq: 10 Apr 2024 15:50

Tgt Ion:240 Resp: 407374
Ion Ratio Lower Upper
240 100
120 7.7 7.1 10.7
236 25.9 20.7 31.1

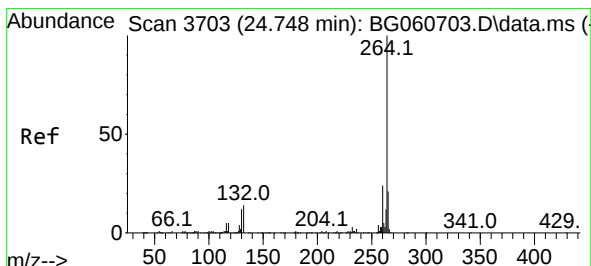
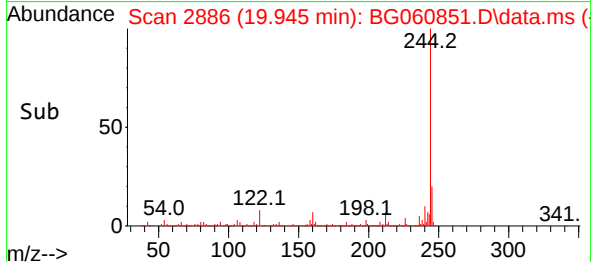
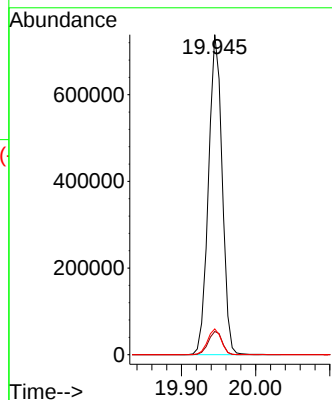
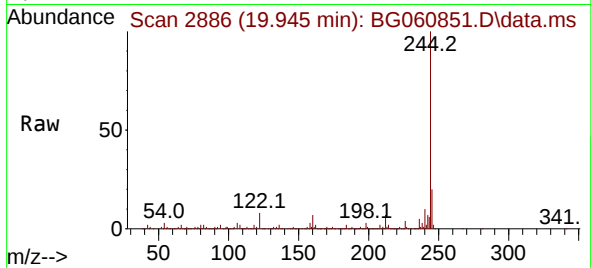




#79
 Terphenyl-d14
 Concen: 40.874 ng
 RT: 19.945 min Scan# 21
 Delta R.T. -0.020 min
 Lab File: BG060851.D
 Acq: 10 Apr 2024 15:50

Instrument :
 BNA_G
 ClientSampleId :
 PIERS-1

Tgt Ion:244 Resp: 945637
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 8.1 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.716 min Scan# 3698
 Delta R.T. -0.032 min
 Lab File: BG060851.D
 Acq: 10 Apr 2024 15:50

Tgt Ion:264 Resp: 479074
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.5 29.3
 265 21.2 16.9 25.3

