

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041224\
 Data File : BG060885.D
 Acq On : 12 Apr 2024 22:28
 Operator : MA/JU
 Sample : P2088-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-041124

Quant Time: Apr 13 00:11:02 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)

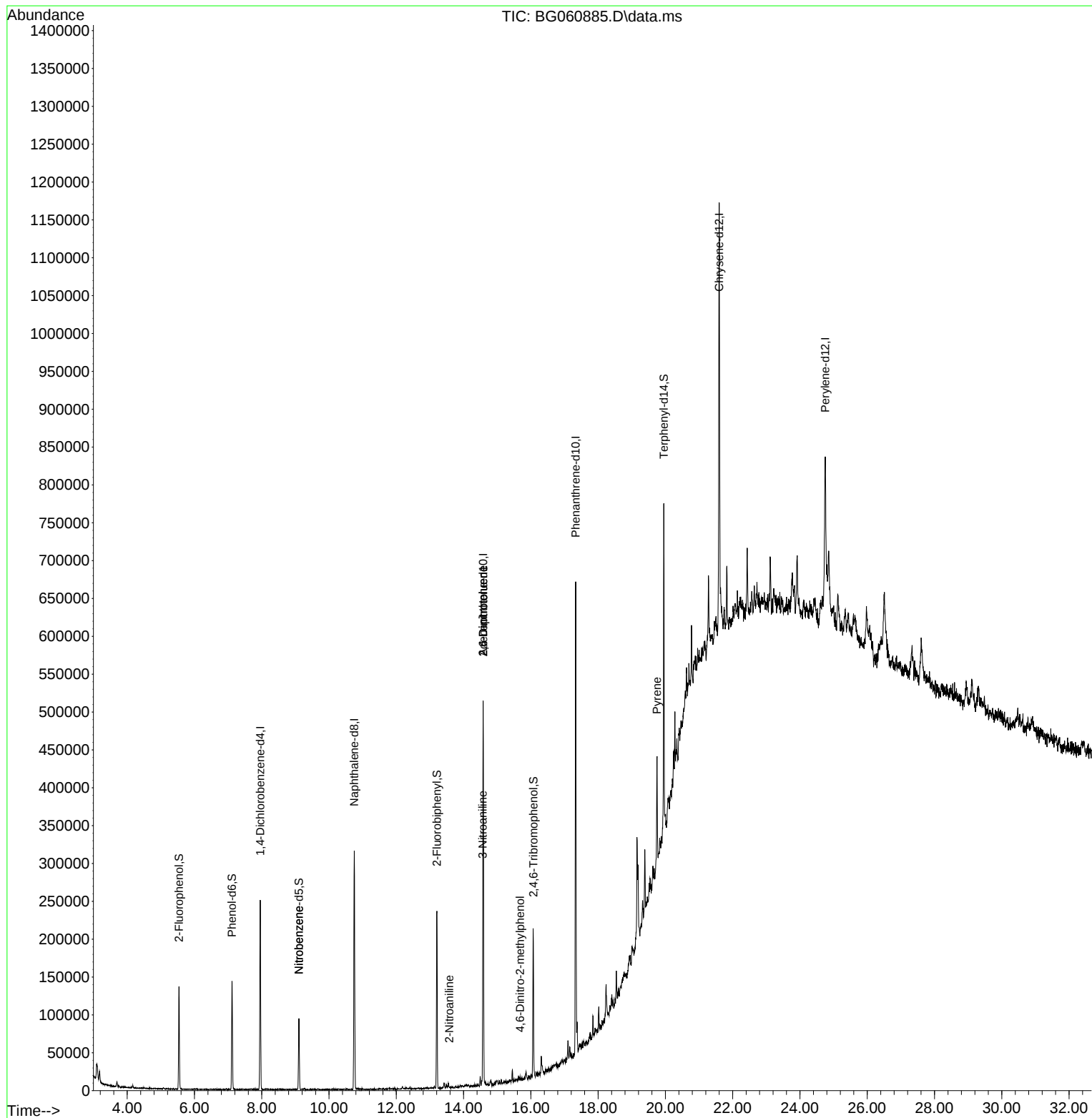
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	66595	20.000	ng	0.00
21) Naphthalene-d8	10.752	136	250860	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	179883	20.000	ng	0.00
64) Phenanthrene-d10	17.332	188	392607	20.000	ng	0.00
76) Chrysene-d12	21.598	240	362114	20.000	ng	0.00
86) Perylene-d12	24.753	264	314452	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	53549	13.395	ng	0.00
7) Phenol-d6	7.115	99	74049	12.479	ng	0.00
23) Nitrobenzene-d5	9.107	82	49563	11.274	ng	0.00
42) 2,4,6-Tribromophenol	16.075	330	39322	19.257	ng	0.00
45) 2-Fluorobiphenyl	13.208	172	126447	10.317	ng	-0.01
79) Terphenyl-d14	19.953	244	214830	10.446	ng	-0.01
Target Compounds						
						Qvalue
24) Nitrobenzene	9.107	77	145	2.801	ng	# 42
48) 2-Nitroaniline	13.578	65	57	2.810	ng	# 11
51) 2,6-Dinitrotoluene	14.583	165	24031	12.247	ng	# 19
53) 3-Nitroaniline	14.571	138	164	2.906	ng	# 1
57) 2,4-Dinitrotoluene	14.583	165	24031	10.296	ng	# 20
65) 4,6-Dinitro-2-methylph...	15.681	198	59	7.065	ng	# 1
78) Pyrene	19.747	202	51803	2.045	ng	96

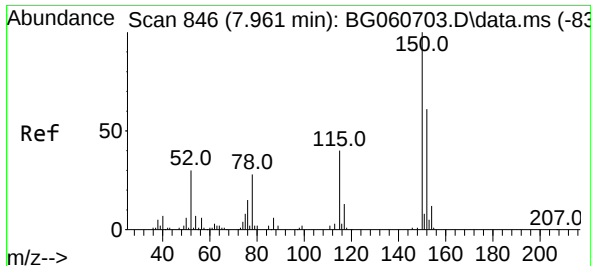
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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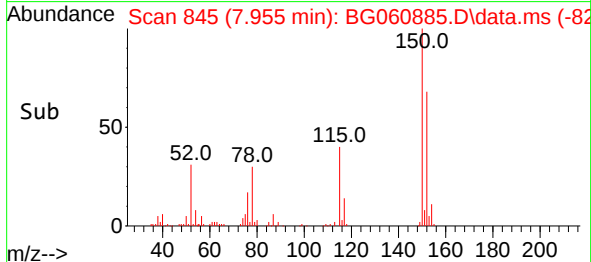
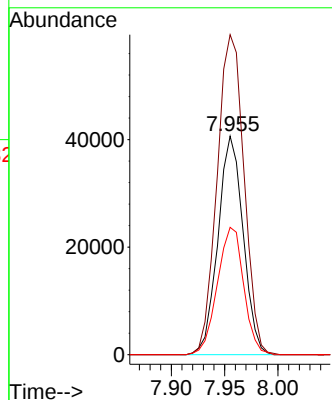
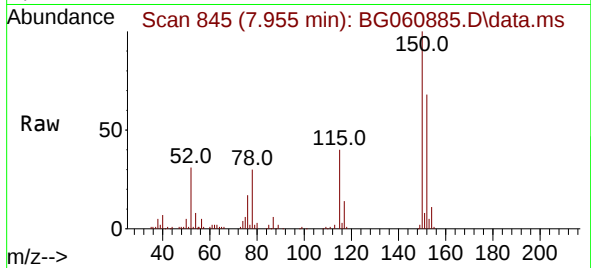




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.955 min Scan# 846
Delta R.T. -0.006 min
Lab File: BG060885.D
Acq: 12 Apr 2024 22:28

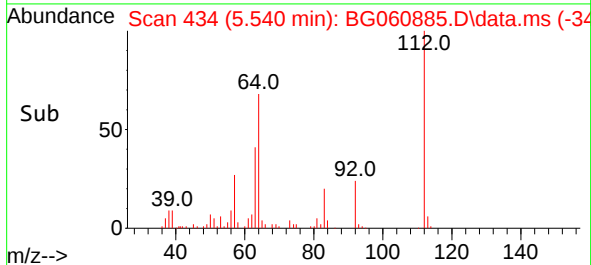
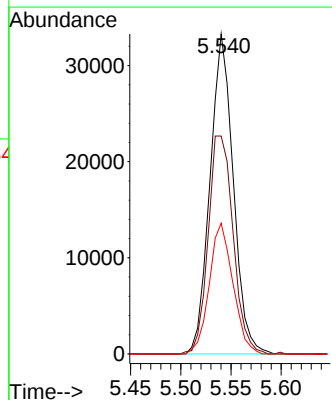
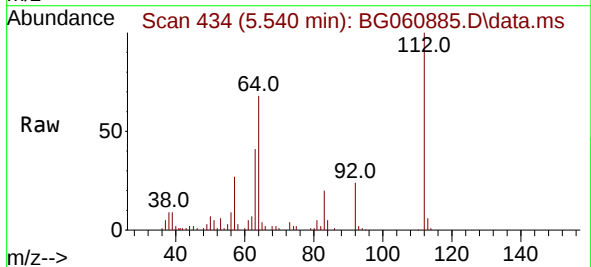
Instrument :
BNA_G
ClientSampleId :
SU-04-041124

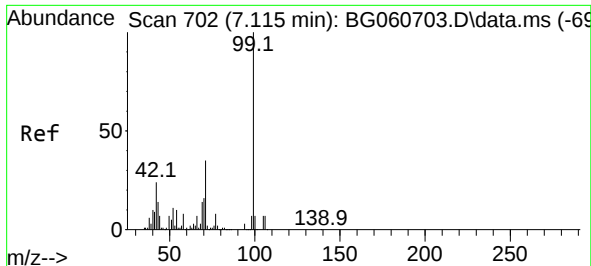
Tgt Ion:152 Resp: 66595
Ion Ratio Lower Upper
152 100
150 146.4 130.2 195.4
115 58.3 51.6 77.4



#5
2-Fluorophenol
Concen: 13.395 ng
RT: 5.540 min Scan# 434
Delta R.T. 0.005 min
Lab File: BG060885.D
Acq: 12 Apr 2024 22:28

Tgt Ion:112 Resp: 53549
Ion Ratio Lower Upper
112 100
64 68.1 58.4 87.6
63 40.9 32.7 49.1

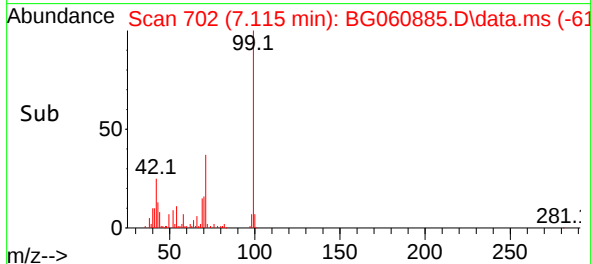
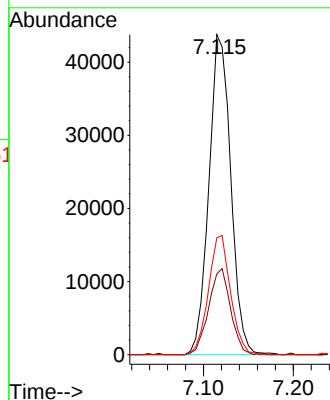
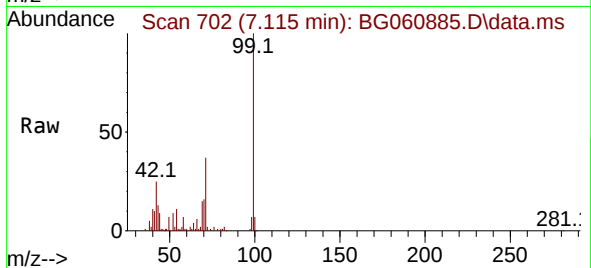




#7
Phenol-d6
Concen: 12.479 ng
RT: 7.115 min Scan# 702
Delta R.T. -0.001 min
Lab File: BG060885.D
Acq: 12 Apr 2024 22:28

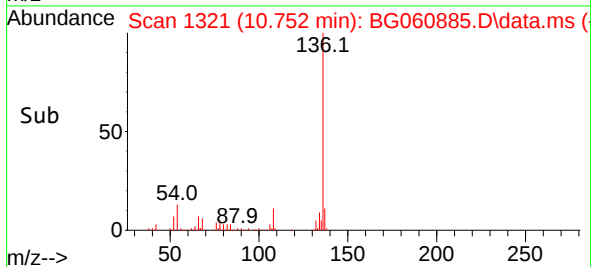
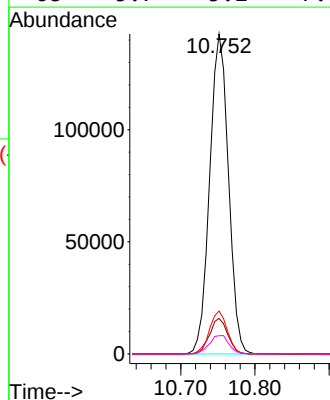
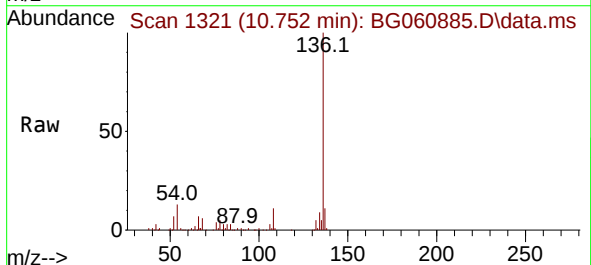
Instrument :
BNA_G
ClientSampleId :
SU-04-041124

Tgt Ion: 99 Resp: 74049
Ion Ratio Lower Upper
99 100
42 25.2 19.4 29.2
71 36.6 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.752 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BG060885.D
Acq: 12 Apr 2024 22:28

Tgt Ion: 136 Resp: 250860
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 13.4 10.2 15.2
68 5.7 5.2 7.8





#23

Nitrobenzene-d5

Concen: 11.274 ng

RT: 9.107 min Scan# 1041

Delta R.T. -0.006 min

Lab File: BG060885.D

Acq: 12 Apr 2024 22:28

Instrument :

BNA_G

ClientSampleId :

SU-04-041124

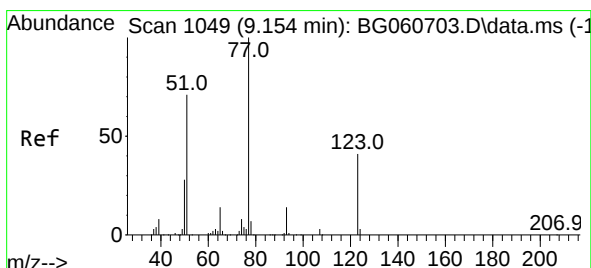
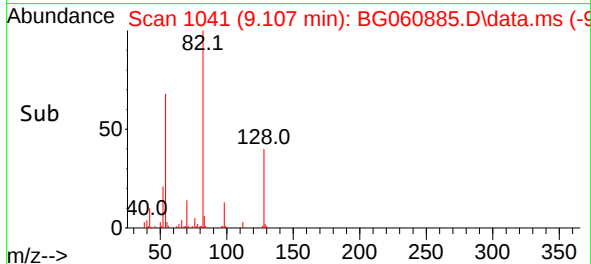
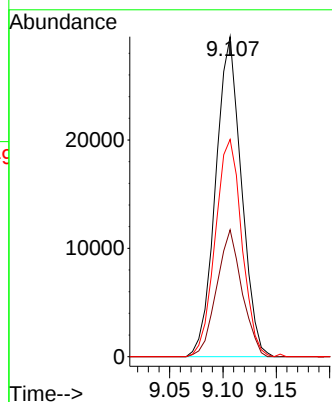
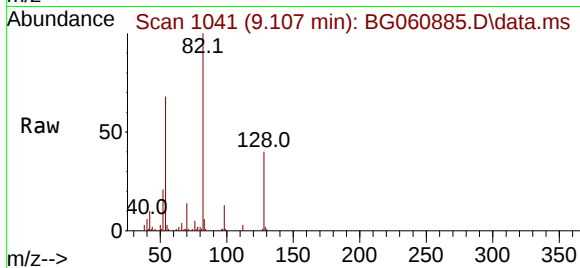
Tgt Ion: 82 Resp: 49563

Ion Ratio Lower Upper

82 100

128 39.6 31.2 46.8

54 67.9 53.2 79.8



#24

Nitrobenzene

Concen: 2.801 ng

RT: 9.107 min Scan# 1041

Delta R.T. -0.047 min

Lab File: BG060885.D

Acq: 12 Apr 2024 22:28

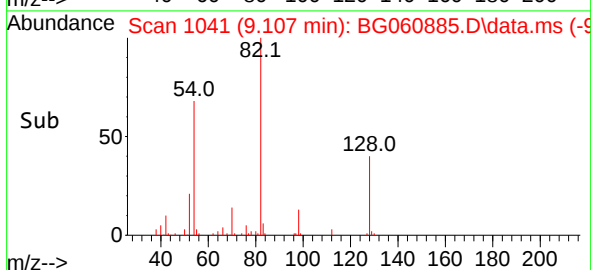
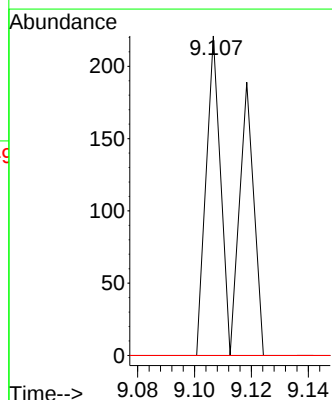
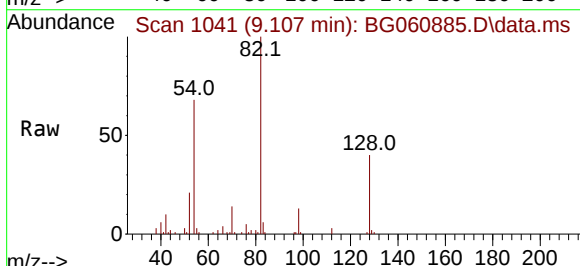
Tgt Ion: 77 Resp: 145

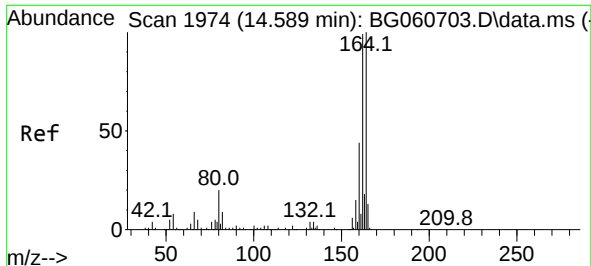
Ion Ratio Lower Upper

77 100

123 0.0 32.7 49.1#

65 0.0 11.3 16.9#

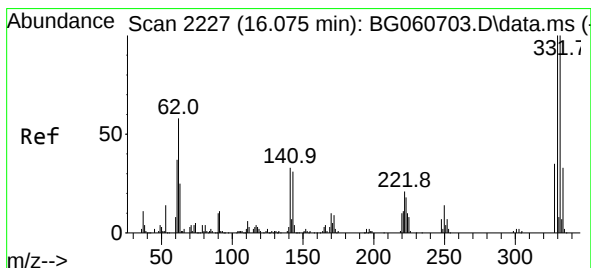
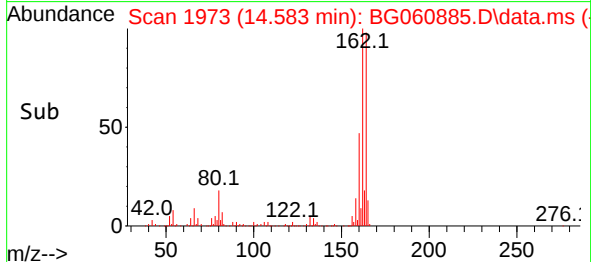
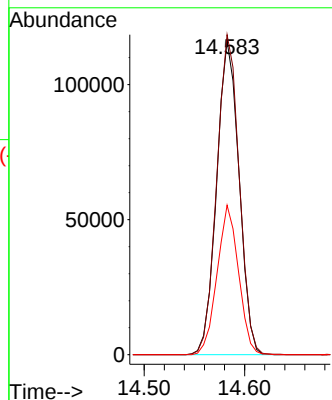
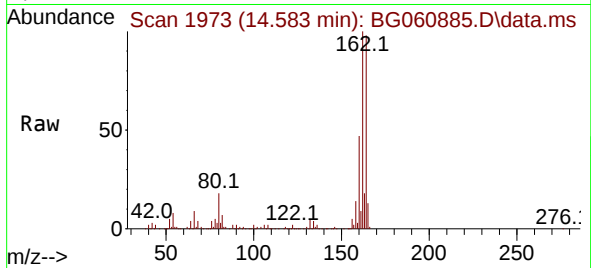




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BG060885.D
Acq: 12 Apr 2024 22:28

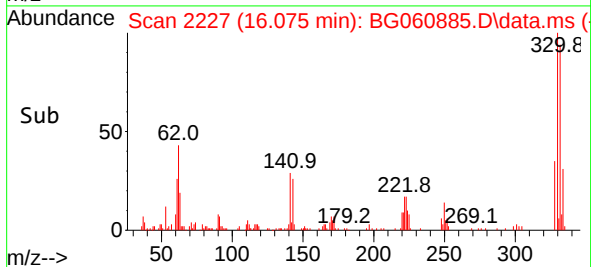
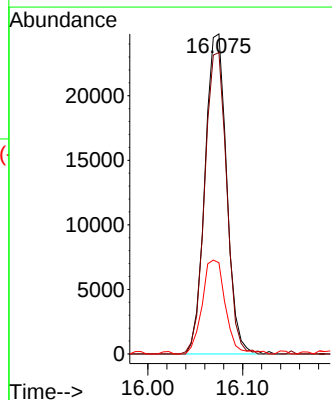
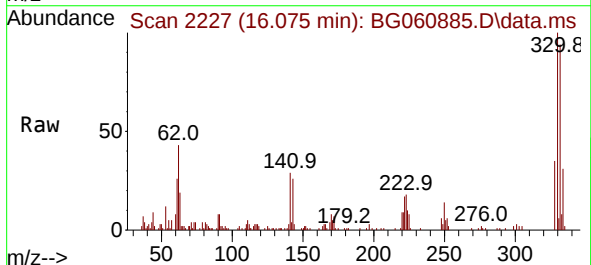
Instrument :
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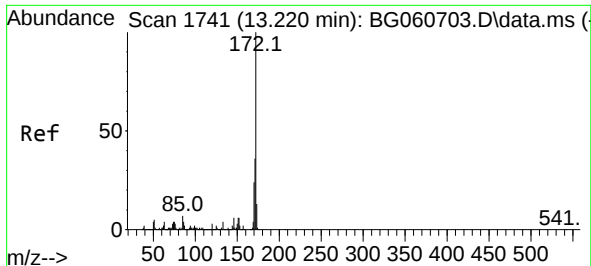
Tgt Ion:164 Resp: 179883
Ion Ratio Lower Upper
164 100
162 102.0 79.5 119.3
160 47.6 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 19.257 ng
RT: 16.075 min Scan# 2227
Delta R.T. -0.001 min
Lab File: BG060885.D
Acq: 12 Apr 2024 22:28

Tgt Ion:330 Resp: 39322
Ion Ratio Lower Upper
330 100
332 95.0 78.2 117.4
141 31.5 27.0 40.6

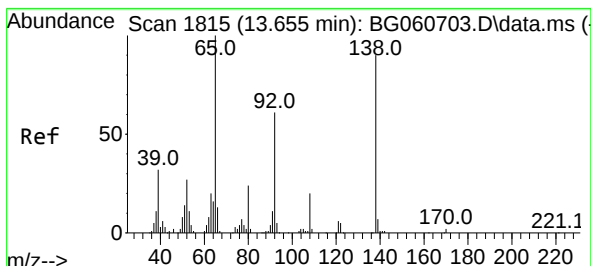
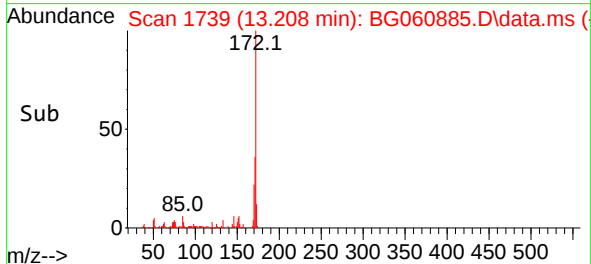
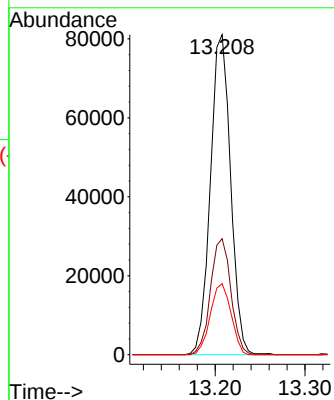
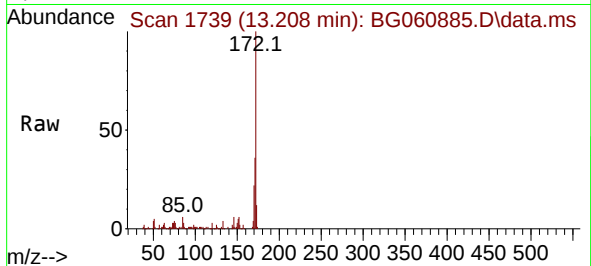




#45
2-Fluorobiphenyl
Concen: 10.317 ng
RT: 13.208 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG060885.D
Acq: 12 Apr 2024 22:28

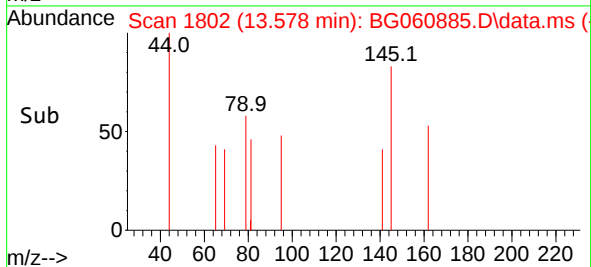
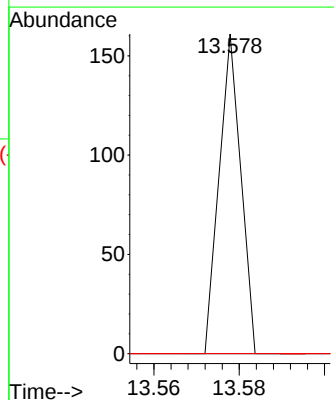
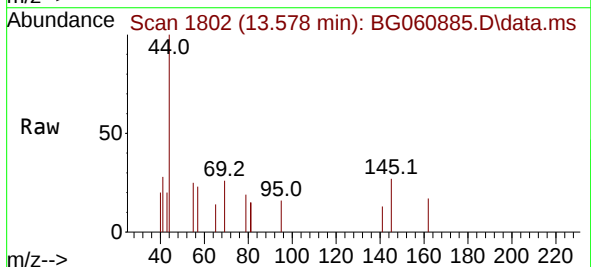
Instrument :
BNA_G
ClientSampleId :
SU-04-041124

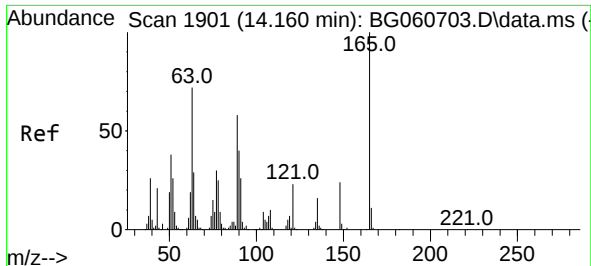
Tgt Ion:172 Resp: 126447
Ion Ratio Lower Upper
172 100
171 36.3 28.7 43.1
170 22.2 19.4 29.0



#48
2-Nitroaniline
Concen: 2.810 ng
RT: 13.578 min Scan# 1802
Delta R.T. -0.077 min
Lab File: BG060885.D
Acq: 12 Apr 2024 22:28

Tgt Ion: 65 Resp: 57
Ion Ratio Lower Upper
65 100
92 0.0 48.6 72.8#
138 0.0 72.2 108.4#

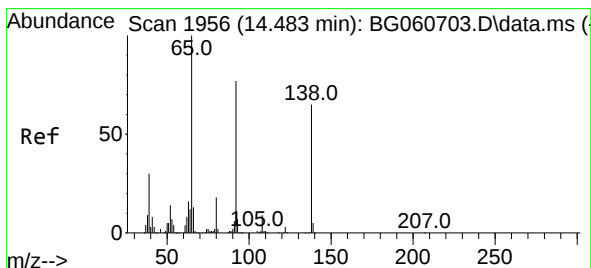
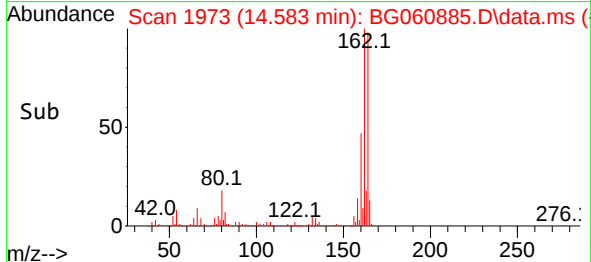
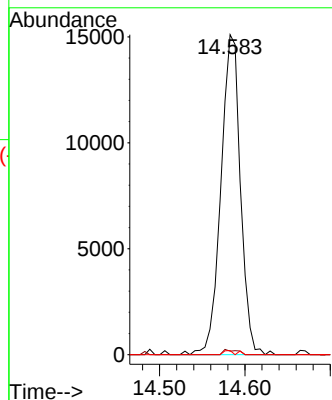
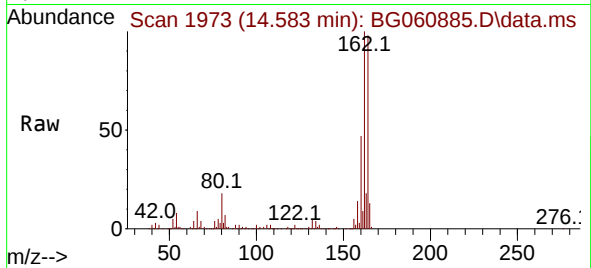




#51
2,6-Dinitrotoluene
Concen: 12.247 ng
RT: 14.583 min Scan# 1901
Delta R.T. 0.423 min
Lab File: BG060885.D
Acq: 12 Apr 2024 22:28

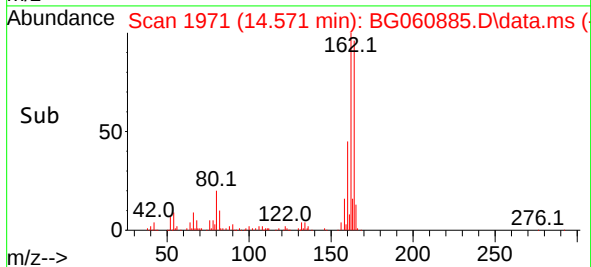
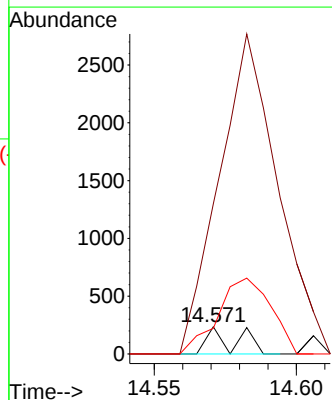
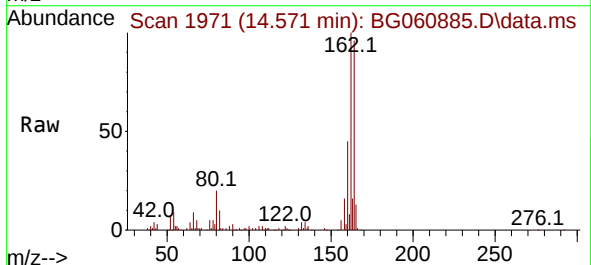
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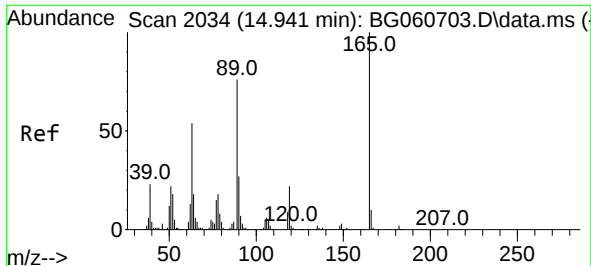
Tgt Ion:165 Resp: 24031
Ion Ratio Lower Upper
165 100
63 1.1 58.2 87.4#
89 1.3 46.1 69.1#



#53
3-Nitroaniline
Concen: 2.906 ng
RT: 14.571 min Scan# 1971
Delta R.T. 0.088 min
Lab File: BG060885.D
Acq: 12 Apr 2024 22:28

Tgt Ion:138 Resp: 164
Ion Ratio Lower Upper
138 100
108 550.4 11.3 16.9#
92 94.1 94.1 141.1#

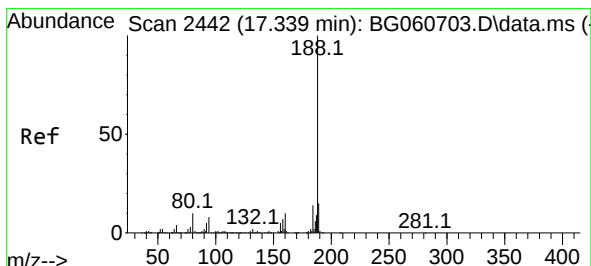
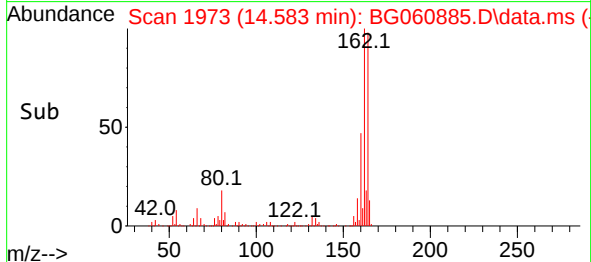
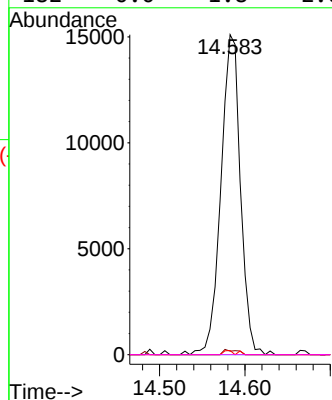
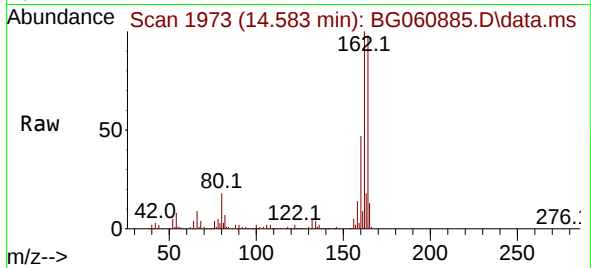




#57
2,4-Dinitrotoluene
Concen: 10.296 ng
RT: 14.583 min Scan# 14
Delta R.T. -0.358 min
Lab File: BG060885.D
Acq: 12 Apr 2024 22:28

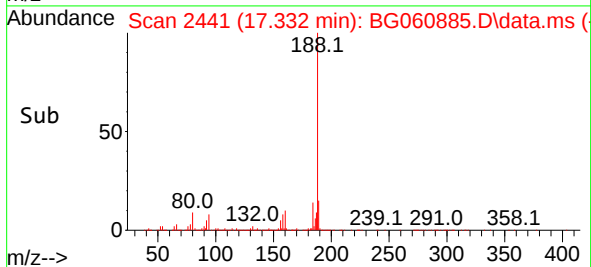
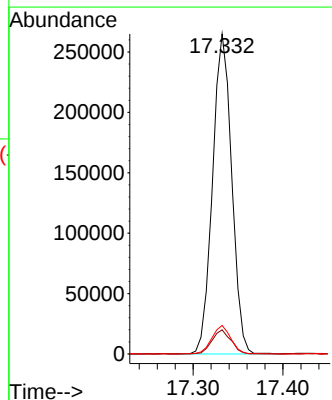
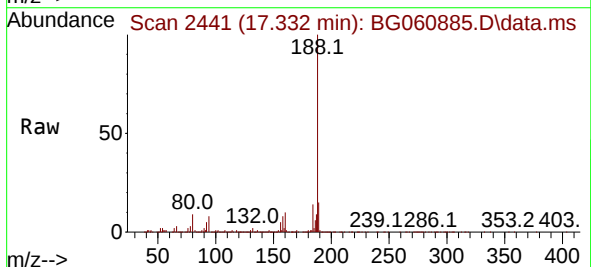
Instrument :
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ClientSampleId :
SU-04-041124

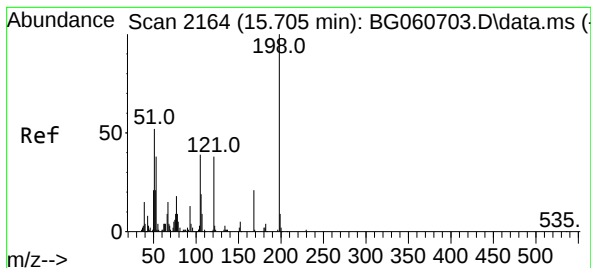
Tgt Ion:165 Resp: 24031
Ion Ratio Lower Upper
165 100
63 1.1 43.4 65.0#
89 1.3 61.0 91.6#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.332 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BG060885.D
Acq: 12 Apr 2024 22:28

Tgt Ion:188 Resp: 392607
Ion Ratio Lower Upper
188 100
94 7.6 6.6 9.8
80 8.9 7.6 11.4

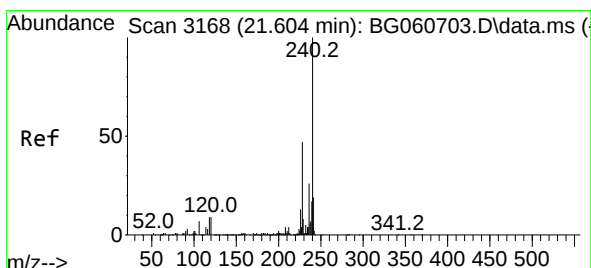
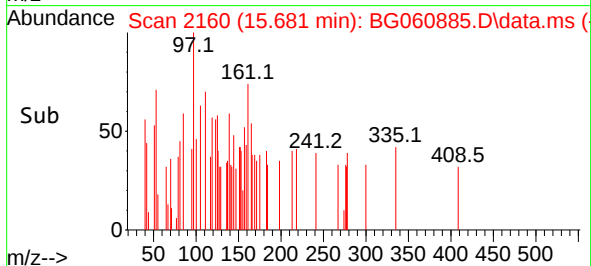
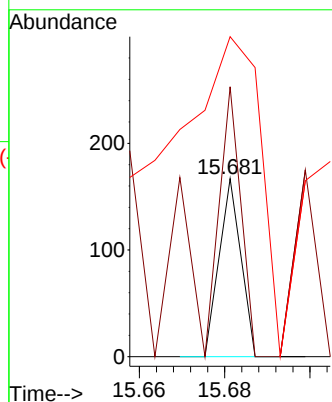
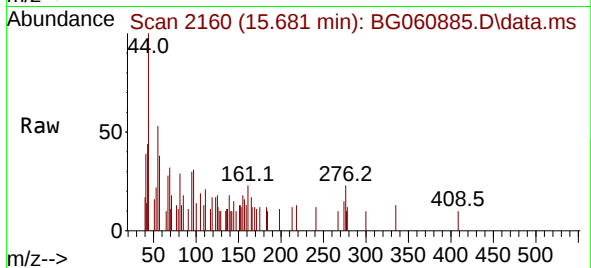




#65
4,6-Dinitro-2-methylphenol
Concen: 7.065 ng
RT: 15.681 min Scan# 2160
Delta R.T. -0.024 min
Lab File: BG060885.D
Acq: 12 Apr 2024 22:28

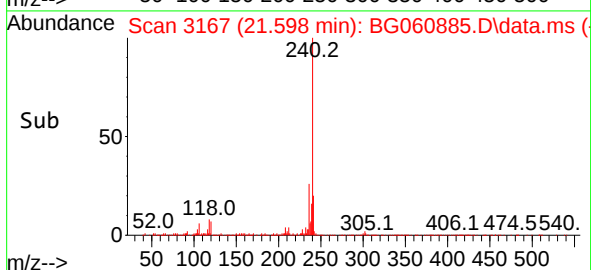
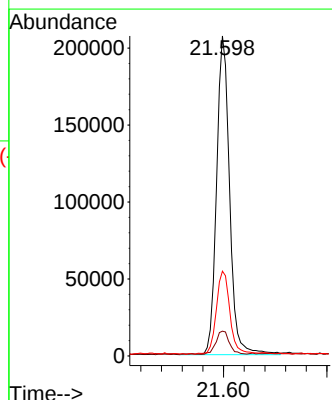
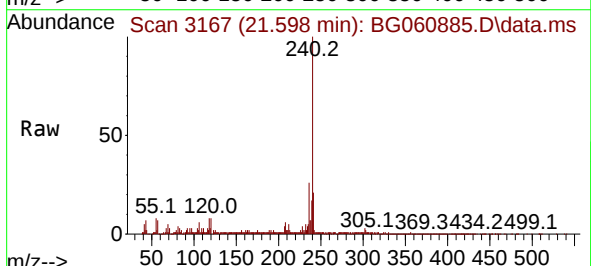
Instrument :
BNA_G
ClientSampleId :
SU-04-041124

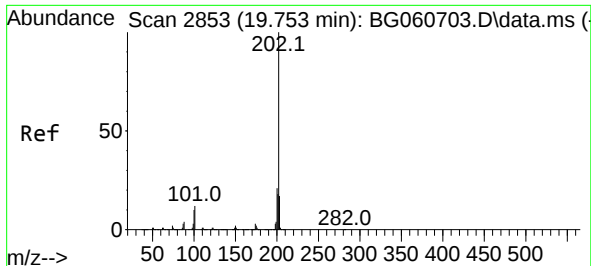
Tgt Ion:198 Resp: 59
Ion Ratio Lower Upper
198 100
51 151.5 36.7 76.7#
105 179.6 19.1 59.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.598 min Scan# 3167
Delta R.T. -0.006 min
Lab File: BG060885.D
Acq: 12 Apr 2024 22:28

Tgt Ion:240 Resp: 362114
Ion Ratio Lower Upper
240 100
120 7.8 7.1 10.7
236 26.5 20.7 31.1

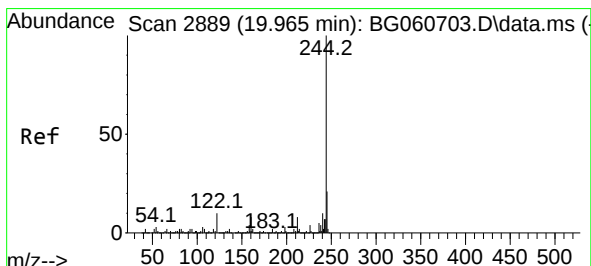
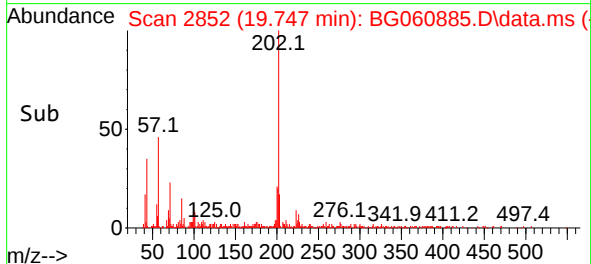
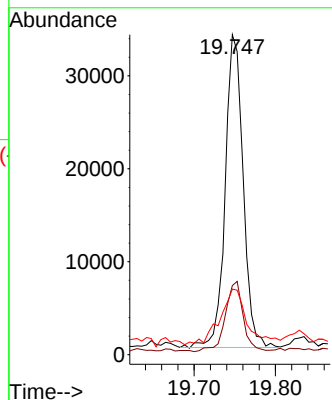
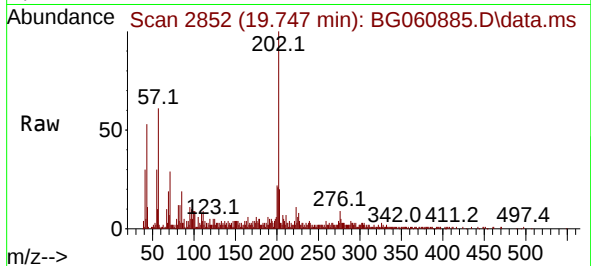




#78
 Pyrene
 Concen: 2.045 ng
 RT: 19.747 min Scan# 2852
 Delta R.T. -0.006 min
 Lab File: BG060885.D
 Acq: 12 Apr 2024 22:28

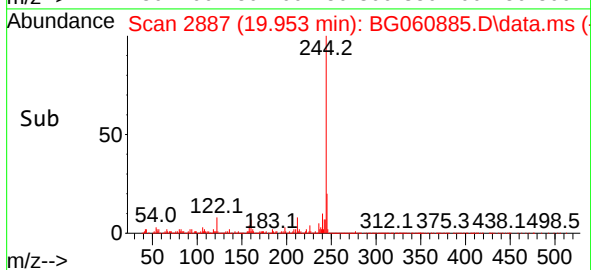
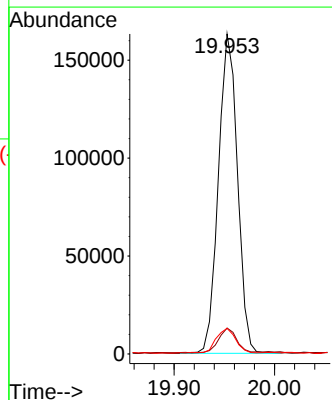
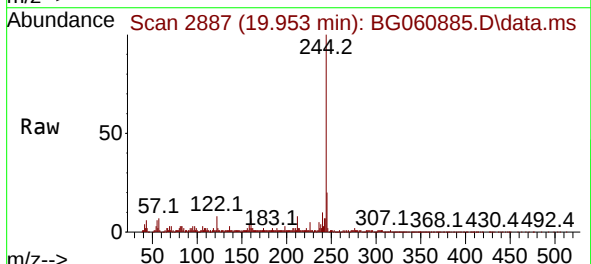
Instrument :
 BNA_G
 ClientSampleId :
 SU-04-041124

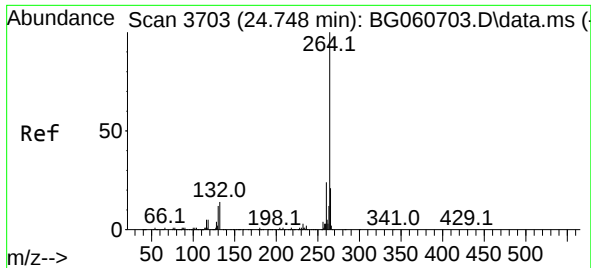
Tgt Ion:202 Resp: 51803
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.0 25.4
 203 20.5 14.0 21.0



#79
 Terphenyl-d14
 Concen: 10.446 ng
 RT: 19.953 min Scan# 2887
 Delta R.T. -0.012 min
 Lab File: BG060885.D
 Acq: 12 Apr 2024 22:28

Tgt Ion:244 Resp: 214830
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 8.0 7.8 11.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.753 min Scan# 31
 Delta R.T. 0.005 min
 Lab File: BG060885.D
 Acq: 12 Apr 2024 22:28

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-041124

Tgt Ion:264 Resp: 314452
 Ion Ratio Lower Upper
 264 100
 260 25.7 19.5 29.3
 265 25.6 16.9 25.3#

