

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)

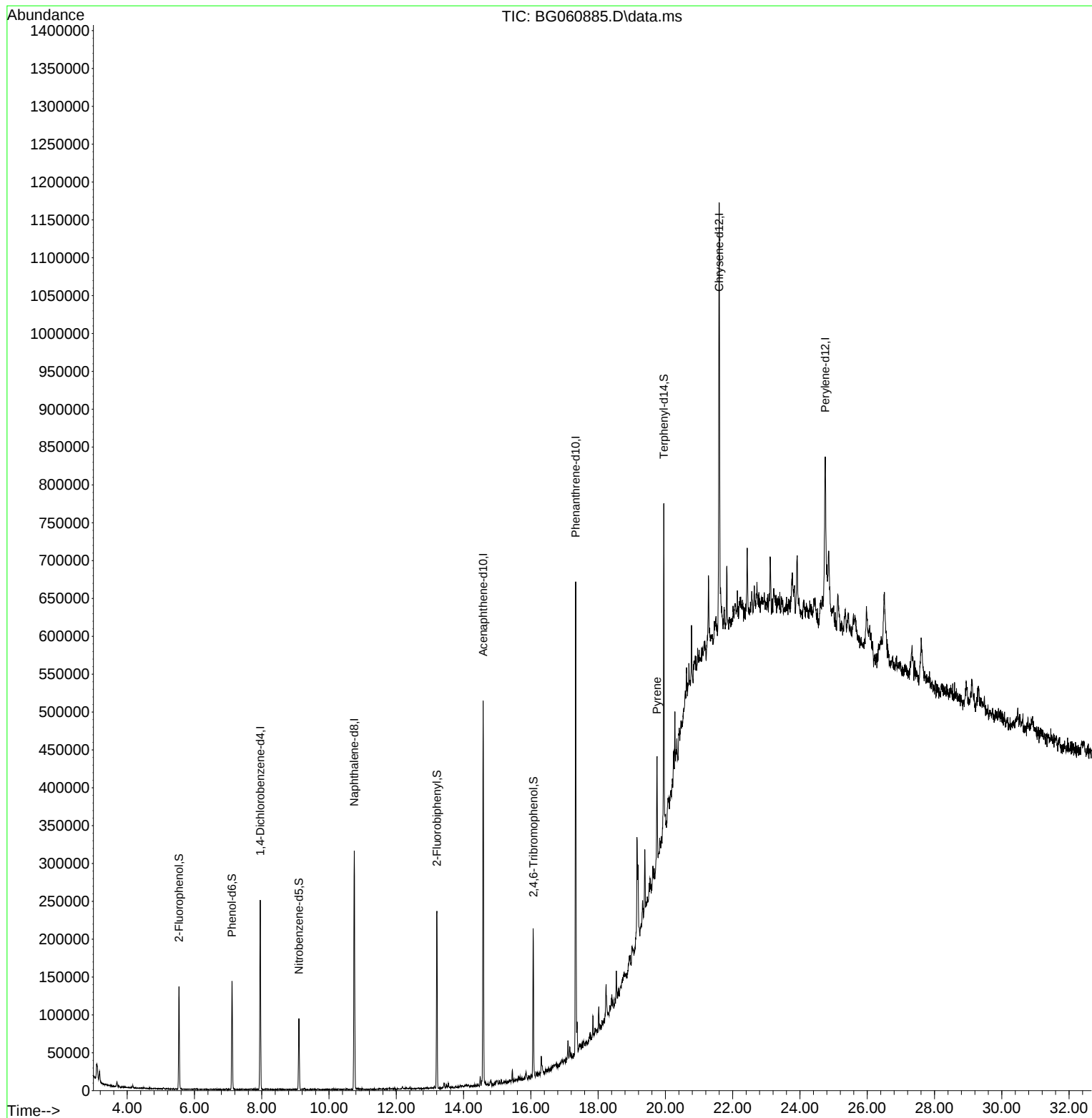
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	66595	20.000	ng	0.00
21) Naphthalene-d8	10.752	136	250860	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	179883	20.000	ng	0.00
64) Phenanthrene-d10	17.332	188	392607	20.000	ng	0.00
76) Chrysene-d12	21.598	240	362114	20.000	ng	0.00
86) Perylene-d12	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						
78) Pyrene	19.747	202	51803	2.045	ng	Qvalue 96

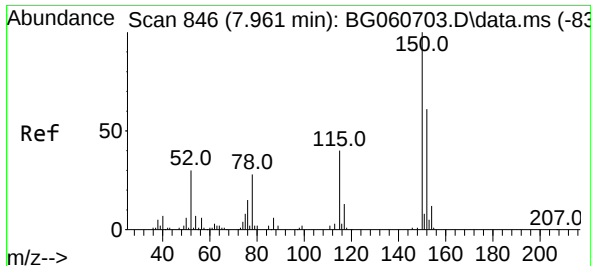
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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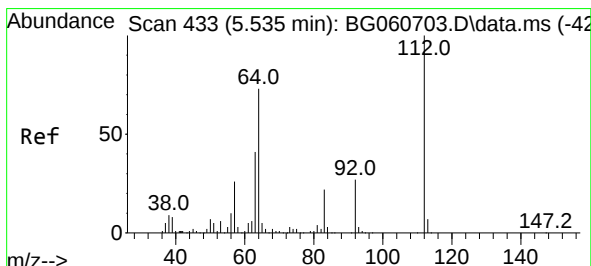
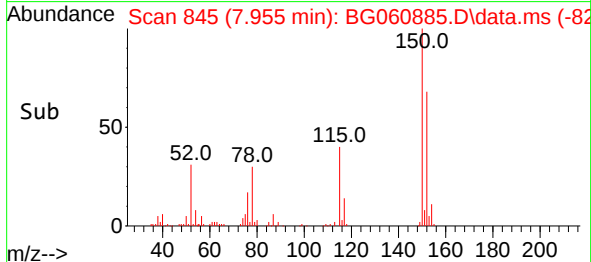
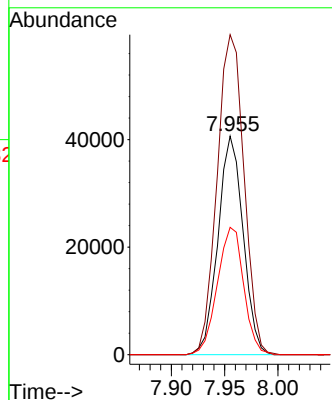
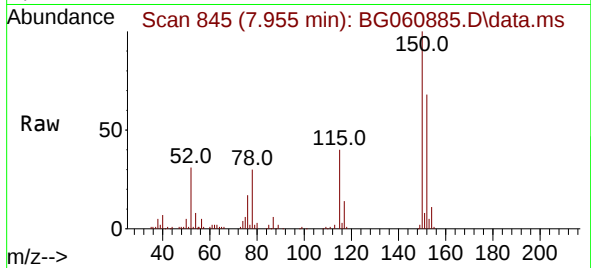




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.955 min Scan# 846
Delta R.T. -0.006 min
Lab File: BG060885.D
Acq: 12 Apr 2024 22:28

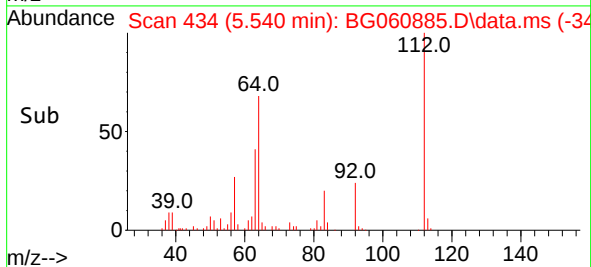
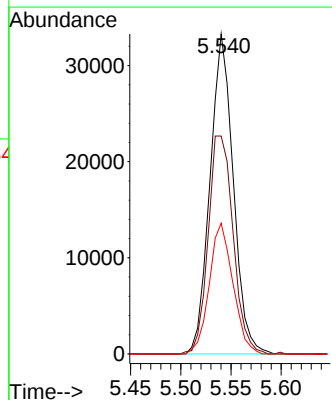
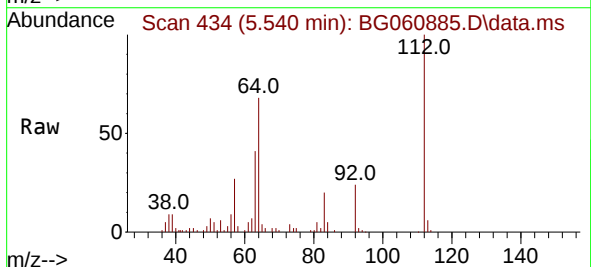
Instrument :
BNA_G
ClientSampleId :
SU-04-041124

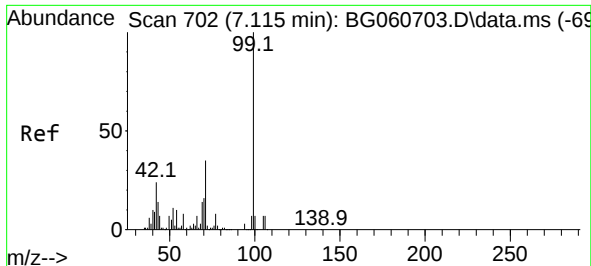
Tgt Ion:152 Resp: 66595
Ion Ratio Lower Upper
152 100
150 146.4 130.2 195.4
115 58.3 51.6 77.4



#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

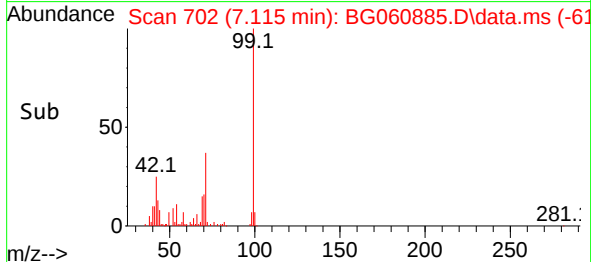
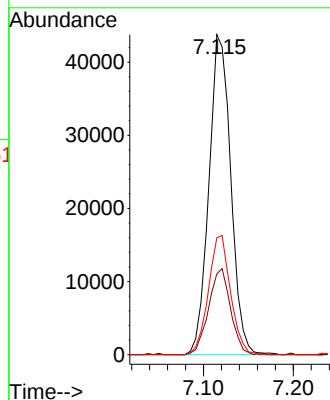
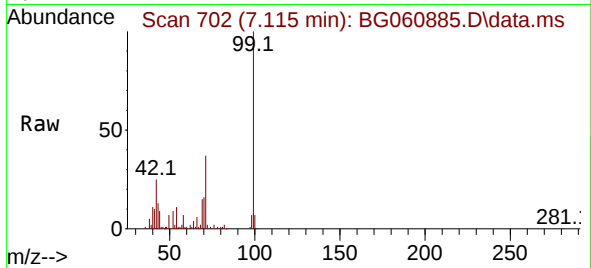




#7
Phenol-d6
Concen: 12.479 ng
RT: 7.115 min Scan# 702
Delta R.T. -0.001 min
Lab File: BG060885.D
Acq: 12 Apr 2024 22:28

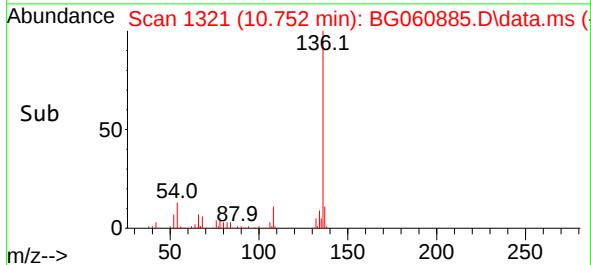
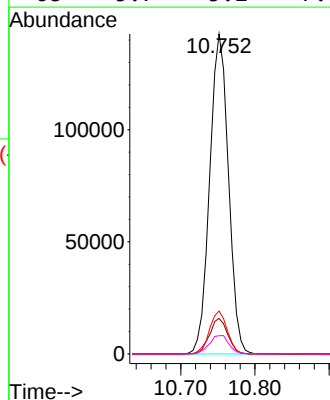
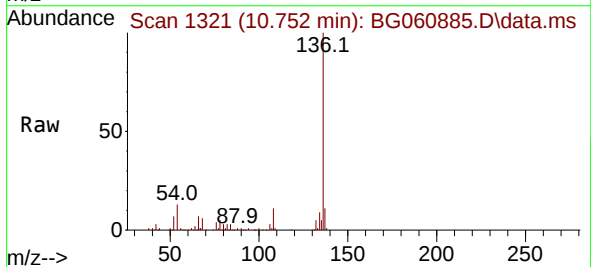
Instrument :
BNA_G
ClientSampleId :
SU-04-041124

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# 1042

Delta R.T. -0.006 min

Lab File: BG060885.D

Acq: 12 Apr 2024 22:28

Instrument :

BNA_G

ClientSampleId :

SU-04-041124

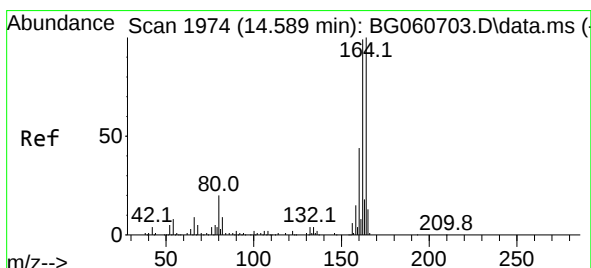
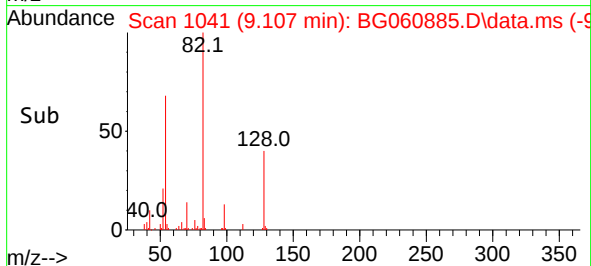
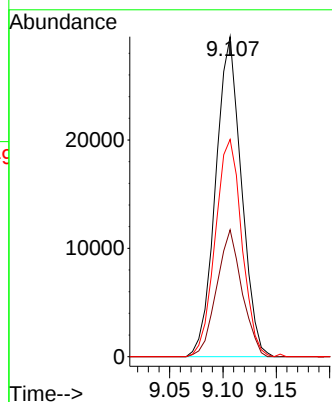
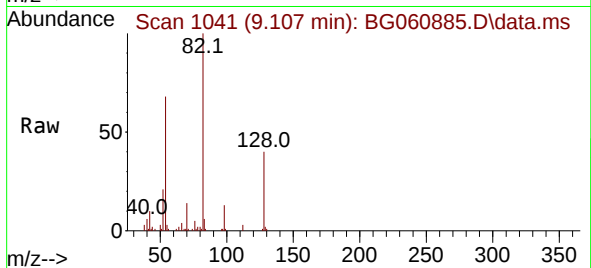
Tgt Ion: 82 Resp: 49563

Ion Ratio Lower Upper

82 100

128 39.6 31.2 46.8

54 67.9 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.583 min Scan# 1973

Delta R.T. -0.006 min

Lab File: BG060885.D

Acq: 12 Apr 2024 22:28

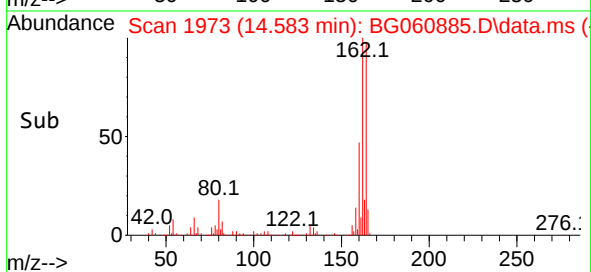
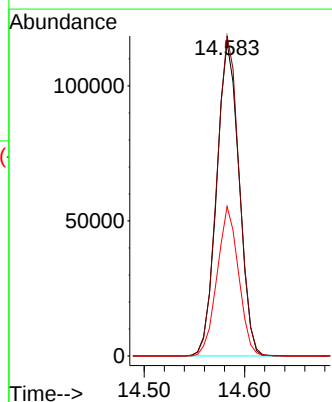
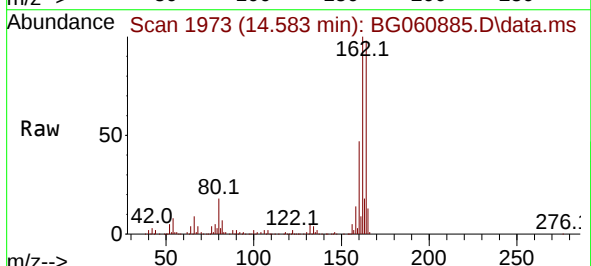
Tgt Ion:164 Resp: 179883

Ion Ratio Lower Upper

164 100

162 102.0 79.5 119.3

160 47.6 35.4 53.0

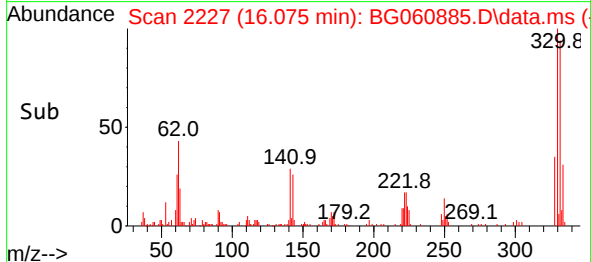
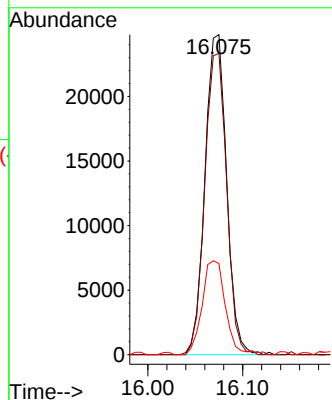
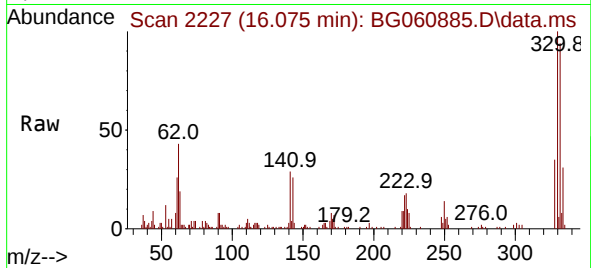




#42
2,4,6-Tribromophenol
Concen: 19.257 ng
RT: 16.075 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060885.D
Acq: 12 Apr 2024 22:28

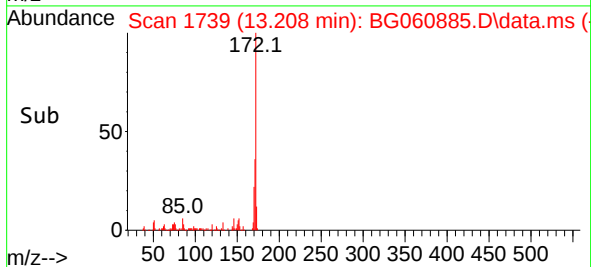
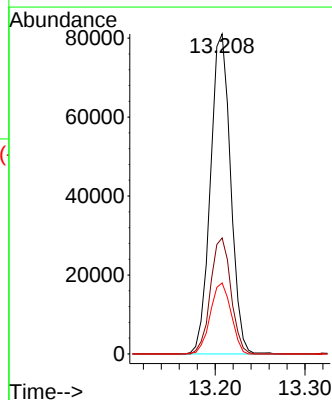
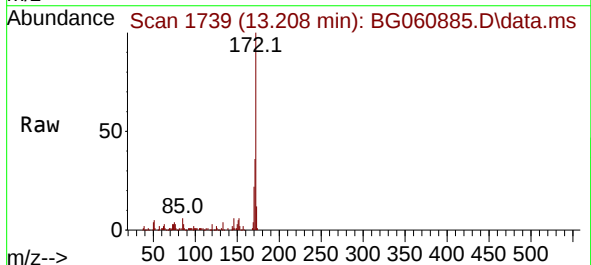
Instrument :
BNA_G
ClientSampleId :
SU-04-041124

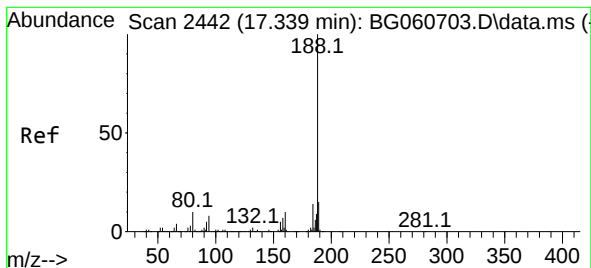
Tgt Ion:330 Resp: 39322
Ion Ratio Lower Upper
330 100
332 95.0 78.2 117.4
141 31.5 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 10.317 ng
RT: 13.208 min Scan# 1739
Delta R.T. -0.012 min
Lab File: BG060885.D
Acq: 12 Apr 2024 22:28

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





#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

Instrument :

BNA_G

ClientSampleId :

SU-04-041124

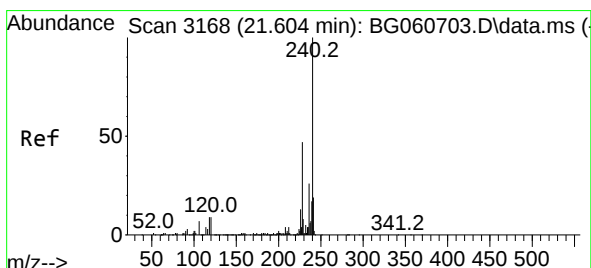
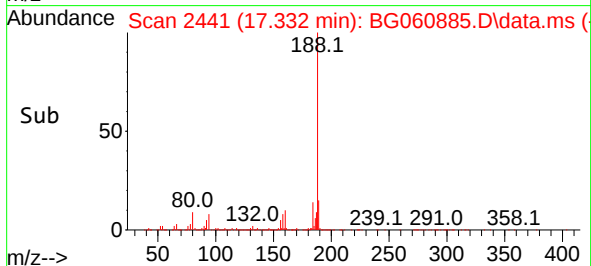
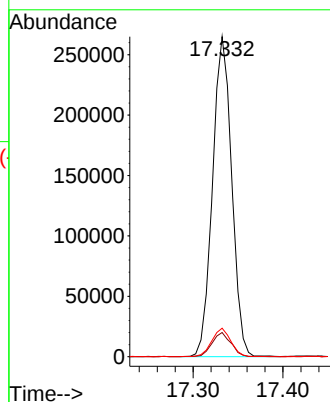
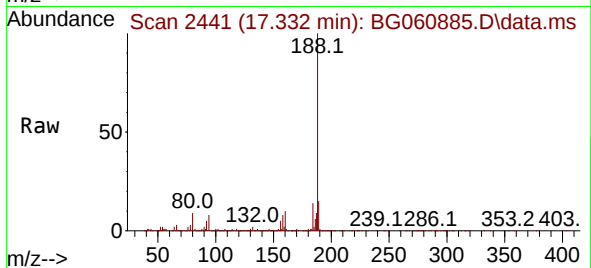
Tgt Ion:188 Resp: 392607

Ion Ratio Lower Upper

188 100

94 7.6 6.6 9.8

80 8.9 7.6 11.4



#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

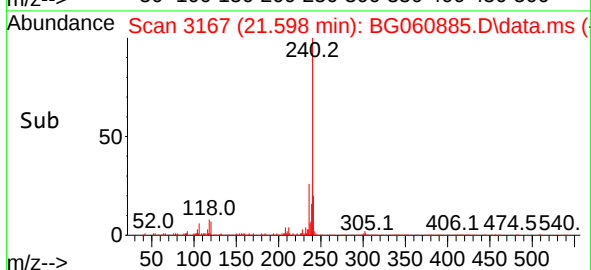
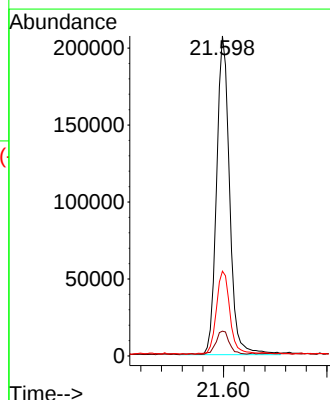
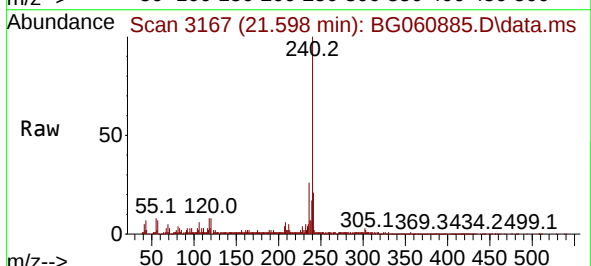
Tgt Ion:240 Resp: 362114

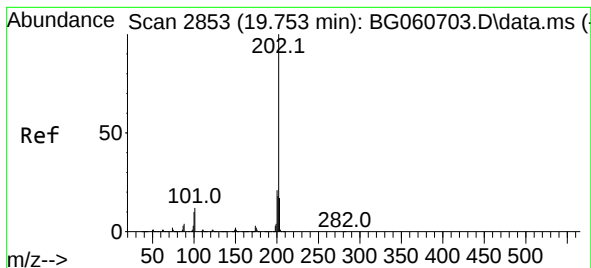
Ion Ratio Lower Upper

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# 2

Delta R.T. -0.006 min

Lab File: BG060885.D

Acq: 12 Apr 2024 22:28

Instrument :

BNA_G

ClientSampleId :

SU-04-041124

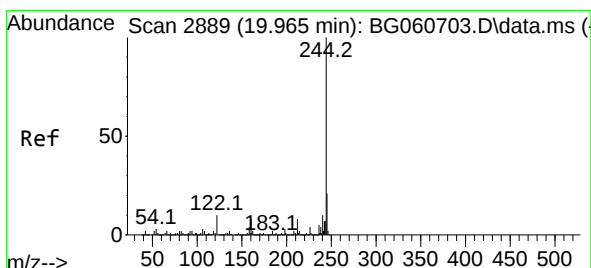
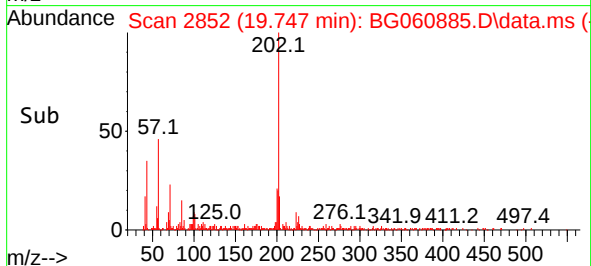
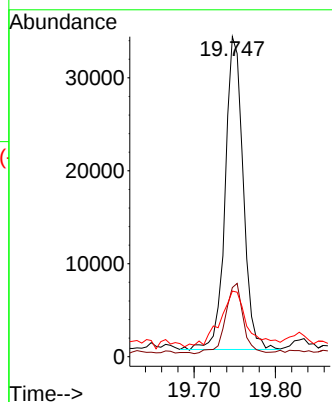
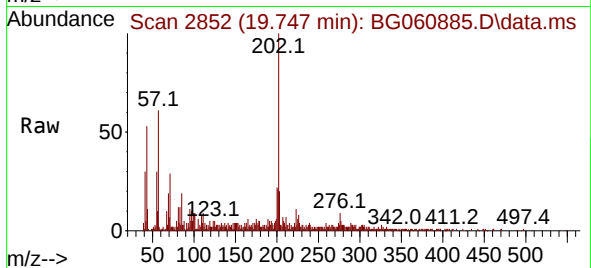
Tgt Ion:202 Resp: 51803

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

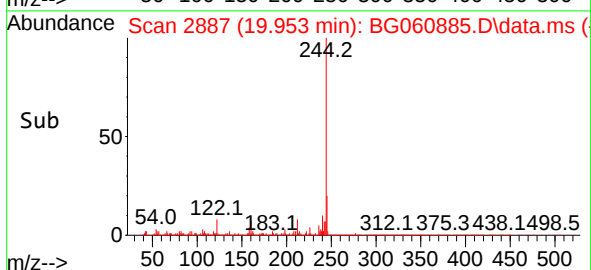
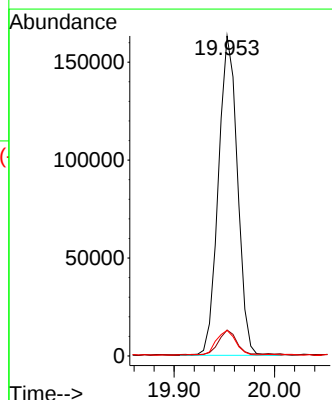
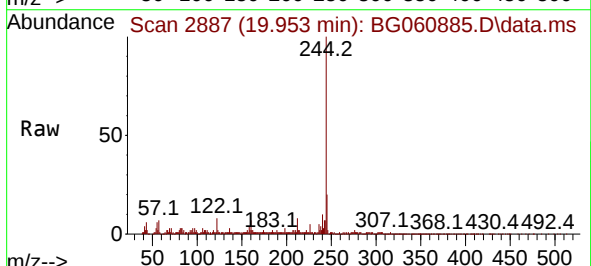
Tgt Ion:244 Resp: 214830

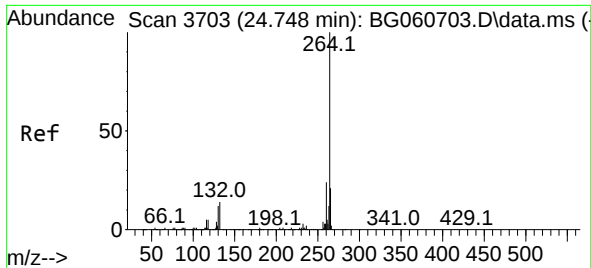
Ion Ratio Lower Upper

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#

