

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
 Data File : BG060870.D
 Acq On : 11 Apr 2024 22:22
 Operator : MA/JU
 Sample : P2072-03 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-02-041024

Quant Time: Apr 12 01:39:32 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)

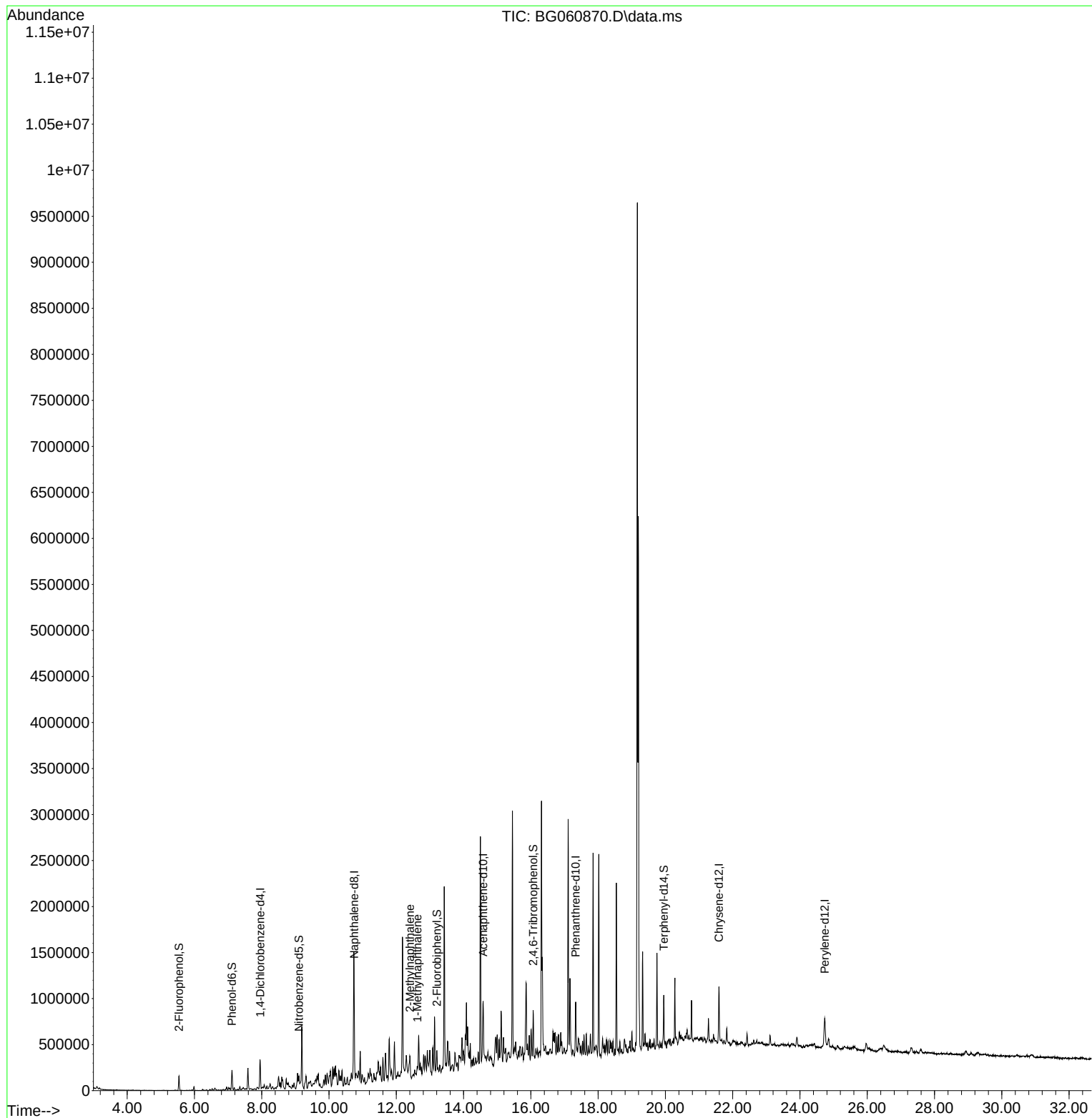
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	71290	20.000	ng	0.00
21) Naphthalene-d8	10.750	136	254324	20.000	ng	# 0.00
39) Acenaphthene-d10	14.581	164	177925	20.000	ng	0.00
64) Phenanthrene-d10	17.331	188	373027	20.000	ng	0.00
76) Chrysene-d12	21.591	240	351804	20.000	ng	-0.01
86) Perylene-d12	24.734	264	407614	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	61933	14.472	ng	0.00
7) Phenol-d6	7.113	99	82864	13.045	ng	0.00
23) Nitrobenzene-d5	9.105	82	57922	12.996	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	39072	19.345	ng	0.00
45) 2-Fluorobiphenyl	13.206	172	132713	10.947	ng	-0.01
79) Terphenyl-d14	19.951	244	211889	10.605	ng	-0.01
Target Compounds						
						Qvalue
37) 2-Methylnaphthalene	12.407	142	33943	3.356	ng	# 85
38) 1-Methylnaphthalene	12.625	142	23507	2.460	ng	# 98

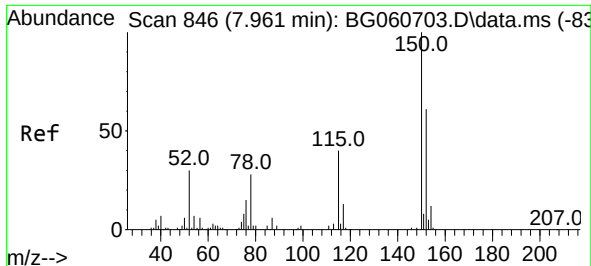
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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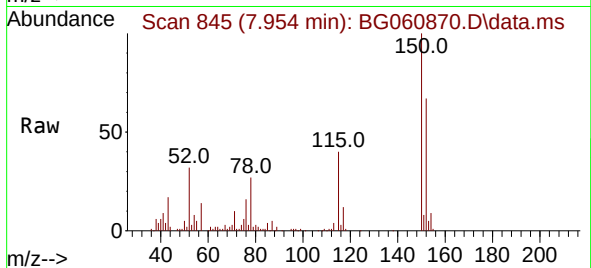
Quant Time: Apr 12 01:39:32 2024
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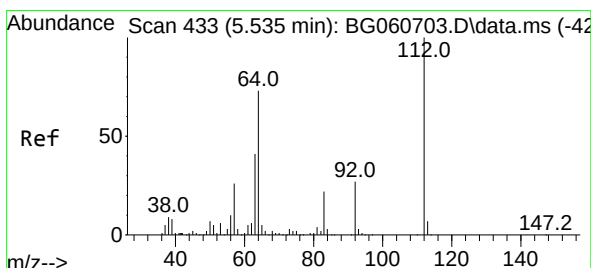
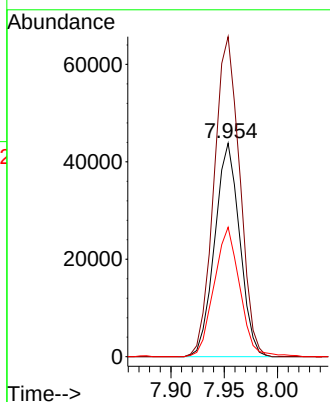
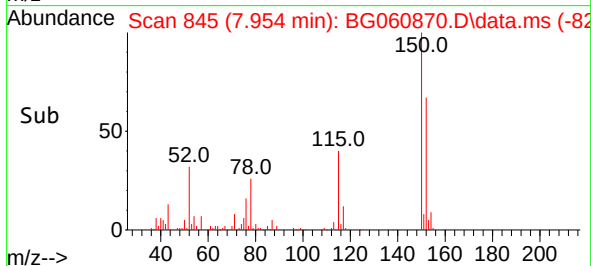


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.954 min Scan# 846
Delta R.T. -0.007 min
Lab File: BG060870.D
Acq: 11 Apr 2024 22:22

Instrument :
BNA_G
ClientSampleId :
HR-02-041024

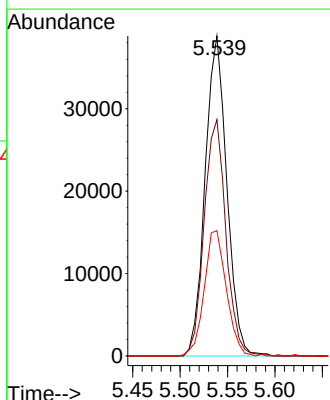
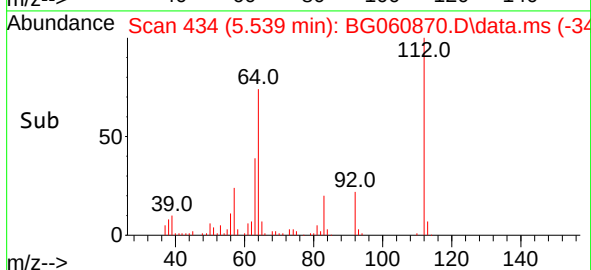
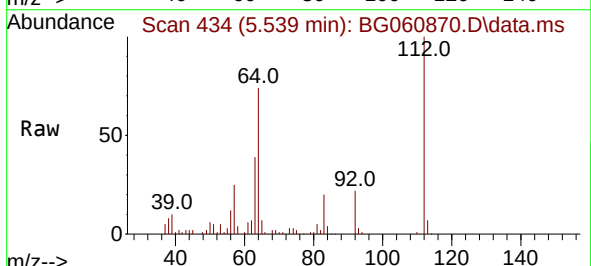


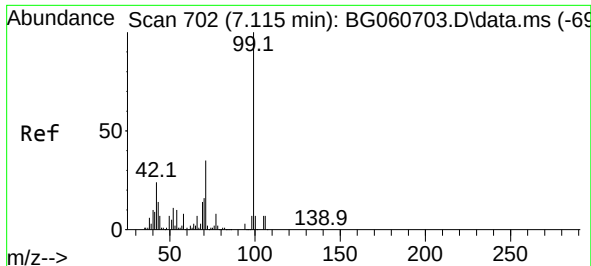
Tgt Ion:152 Resp: 71290
Ion Ratio Lower Upper
152 100
150 149.9 130.2 195.4
115 60.7 51.6 77.4



#5
2-Fluorophenol
Concen: 14.472 ng
RT: 5.539 min Scan# 434
Delta R.T. 0.004 min
Lab File: BG060870.D
Acq: 11 Apr 2024 22:22

Tgt Ion:112 Resp: 61933
Ion Ratio Lower Upper
112 100
64 73.8 58.4 87.6
63 39.1 32.7 49.1

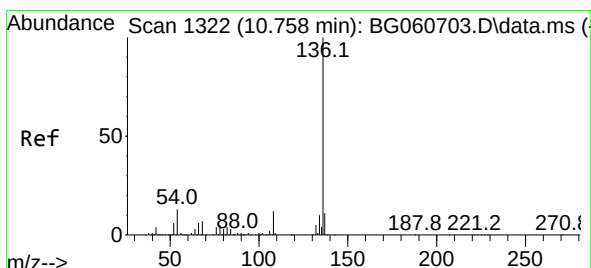
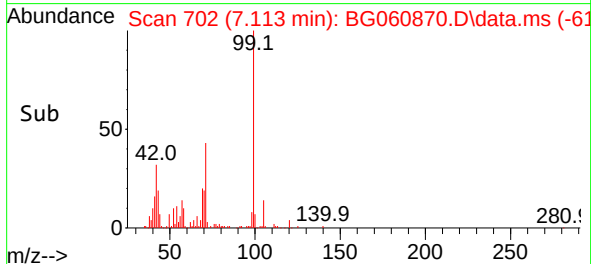
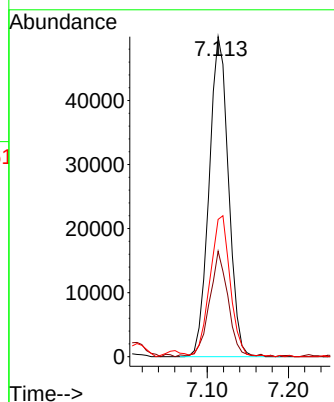
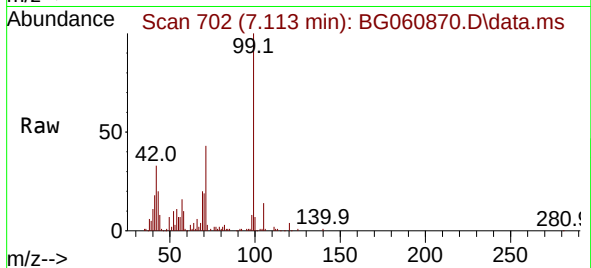




#7
Phenol-d6
Concen: 13.045 ng
RT: 7.113 min Scan# 702
Delta R.T. -0.002 min
Lab File: BG060870.D
Acq: 11 Apr 2024 22:22

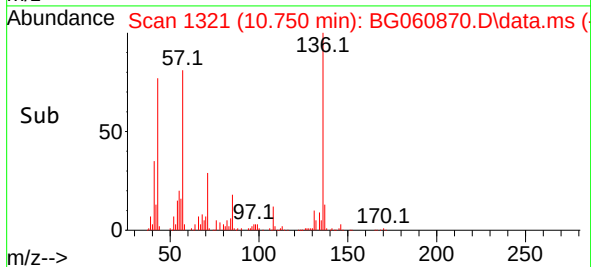
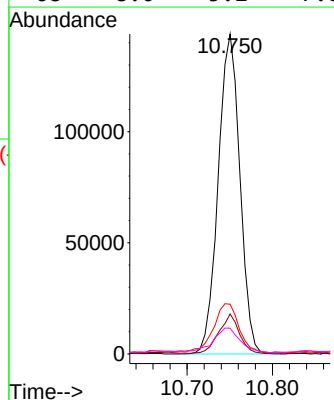
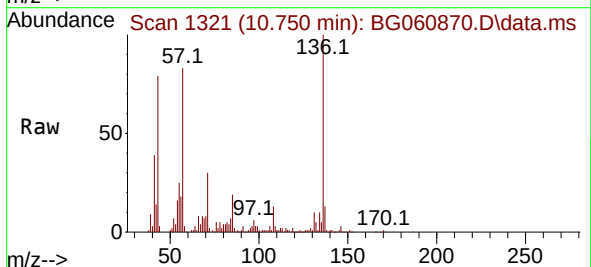
Instrument :
BNA_G
ClientSampleId :
HR-02-041024

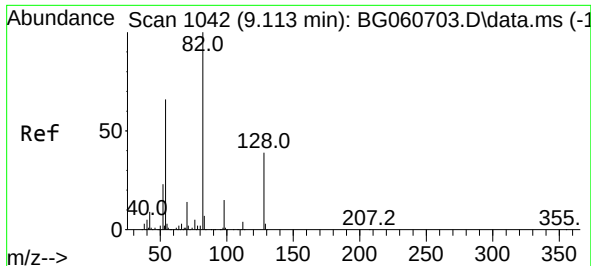
Tgt Ion: 99 Resp: 82864
Ion Ratio Lower Upper
99 100
42 33.0 19.4 29.2#
71 42.9 28.2 42.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.750 min Scan# 1321
Delta R.T. -0.008 min
Lab File: BG060870.D
Acq: 11 Apr 2024 22:22

Tgt Ion: 136 Resp: 254324
Ion Ratio Lower Upper
136 100
137 12.5 8.8 13.2
54 15.6 10.2 15.2#
68 8.0 5.2 7.8#





#23

Nitrobenzene-d5

Concen: 12.996 ng

RT: 9.105 min Scan# 1041

Delta R.T. -0.008 min

Lab File: BG060870.D

Acq: 11 Apr 2024 22:22

Instrument :

BNA_G

ClientSampleId :

HR-02-041024

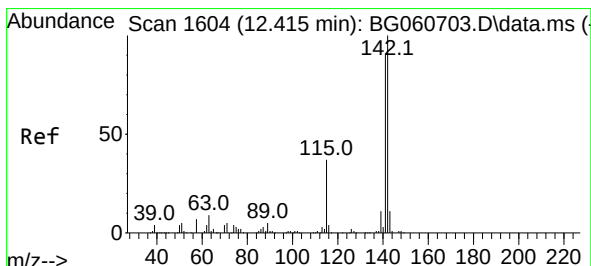
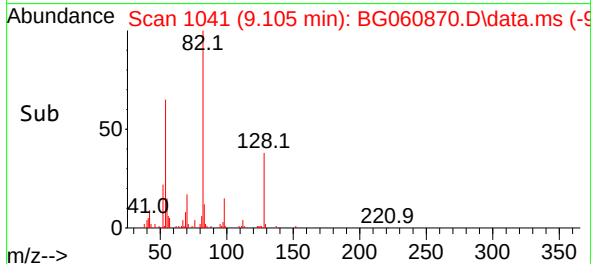
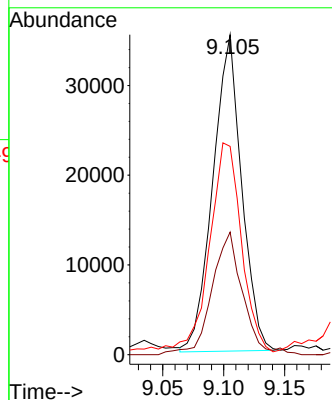
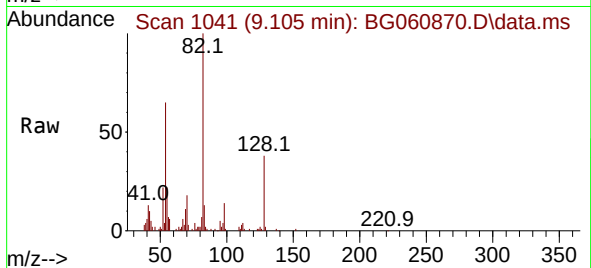
Tgt Ion: 82 Resp: 57922

Ion Ratio Lower Upper

82 100

128 38.3 31.2 46.8

54 65.1 53.2 79.8



#37

2-Methylnaphthalene

Concen: 3.356 ng

RT: 12.407 min Scan# 1603

Delta R.T. -0.008 min

Lab File: BG060870.D

Acq: 11 Apr 2024 22:22

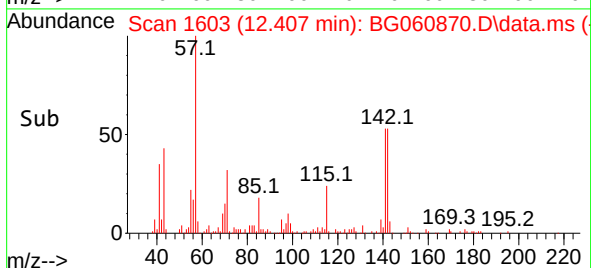
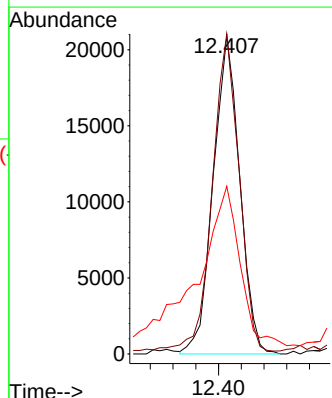
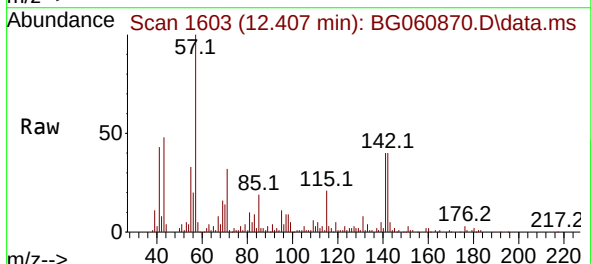
Tgt Ion:142 Resp: 33943

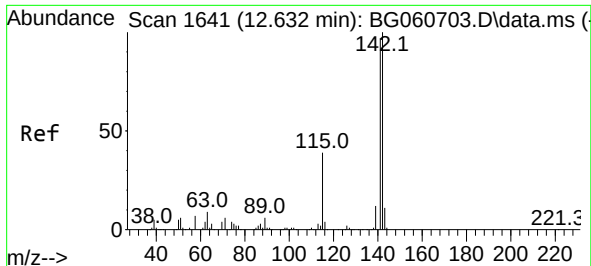
Ion Ratio Lower Upper

142 100

141 100.5 72.7 109.1

115 52.7 29.9 44.9#

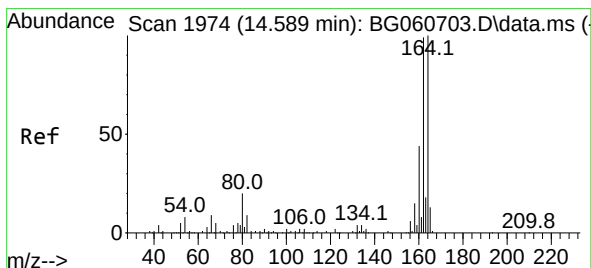
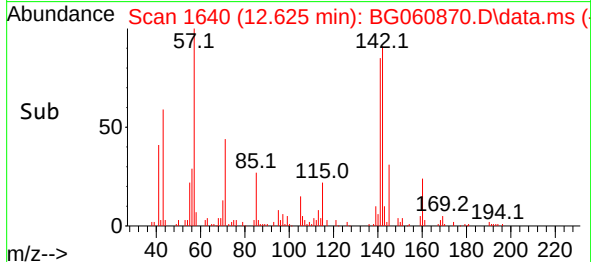
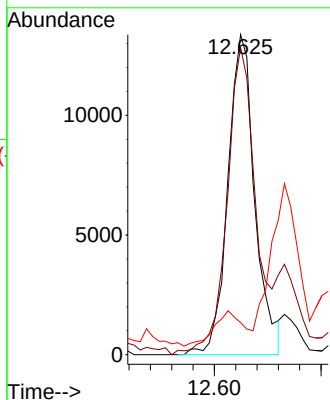
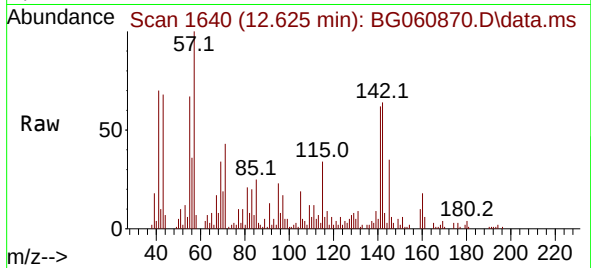




#38
1-Methylnaphthalene
Concen: 2.460 ng
RT: 12.625 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG060870.D
Acq: 11 Apr 2024 22:22

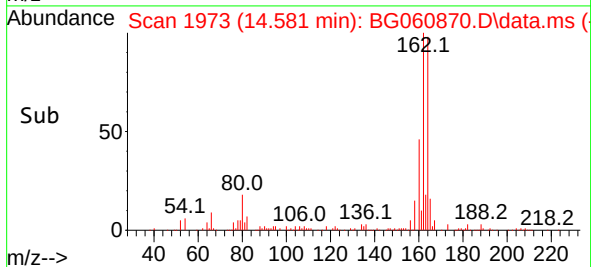
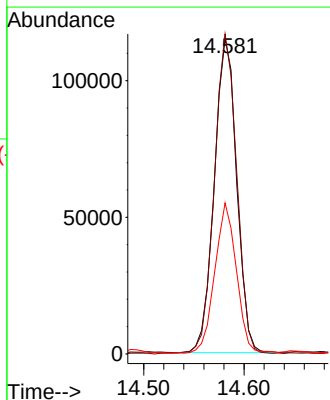
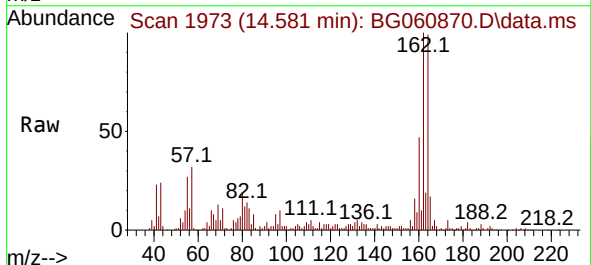
Instrument :
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ClientSampleId :
HR-02-041024

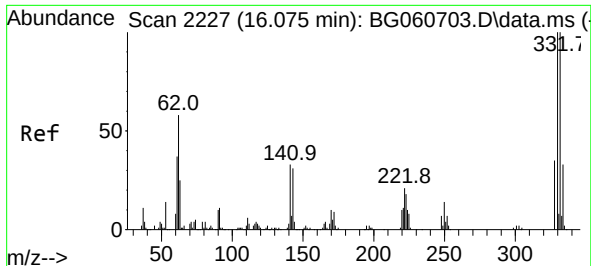
Tgt Ion:142 Resp: 23507
Ion Ratio Lower Upper
142 100
141 95.9 77.7 116.5
116 10.0 3.4 5.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.581 min Scan# 1973
Delta R.T. -0.008 min
Lab File: BG060870.D
Acq: 11 Apr 2024 22:22

Tgt Ion:164 Resp: 177925
Ion Ratio Lower Upper
164 100
162 101.5 79.5 119.3
160 47.9 35.4 53.0

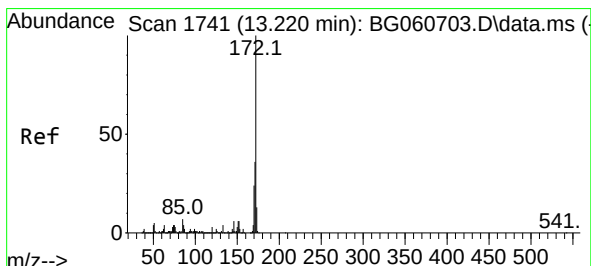
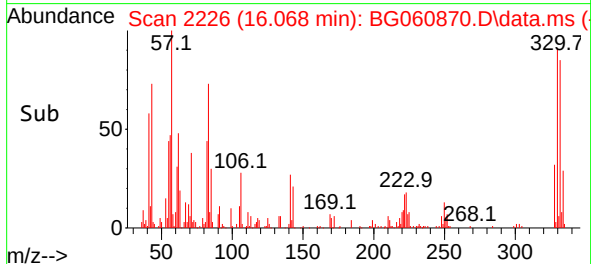
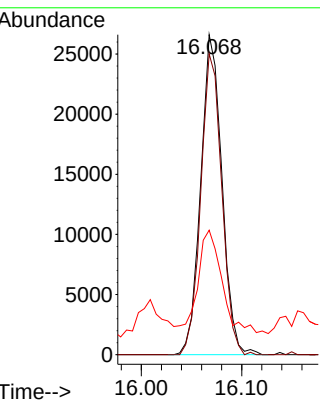
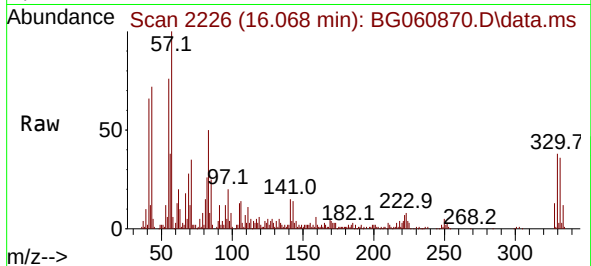




#42
2,4,6-Tribromophenol
Concen: 19.345 ng
RT: 16.068 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG060870.D
Acq: 11 Apr 2024 22:22

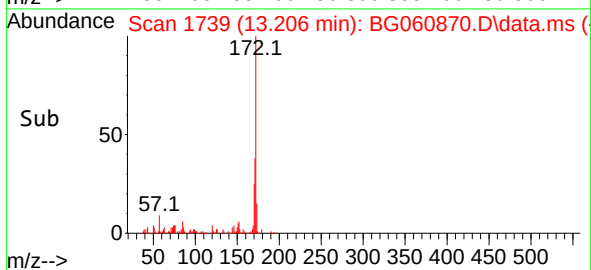
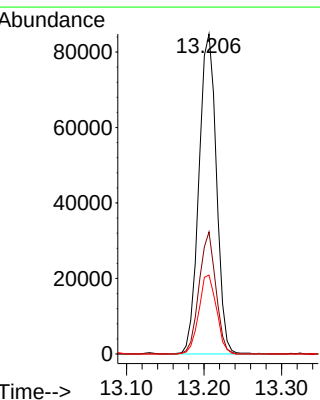
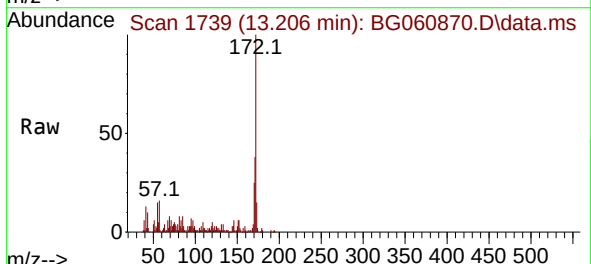
Instrument :
BNA_G
ClientSampleId :
HR-02-041024

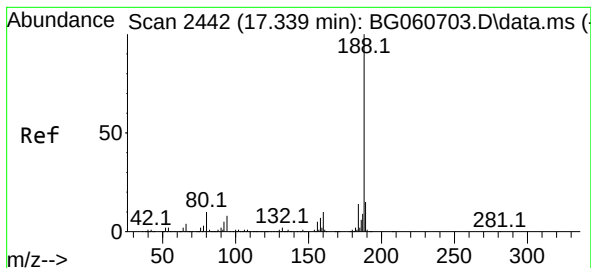
Tgt Ion:330 Resp: 39072
Ion Ratio Lower Upper
330 100
332 92.9 78.2 117.4
141 36.8 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 10.947 ng
RT: 13.206 min Scan# 1739
Delta R.T. -0.014 min
Lab File: BG060870.D
Acq: 11 Apr 2024 22:22

Tgt Ion:172 Resp: 132713
Ion Ratio Lower Upper
172 100
171 38.1 28.7 43.1
170 24.7 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.331 min Scan# 2442

Delta R.T. -0.008 min

Lab File: BG060870.D

Acq: 11 Apr 2024 22:22

Instrument :

BNA_G

ClientSampleId :

HR-02-041024

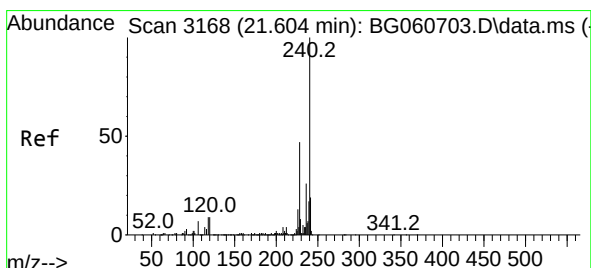
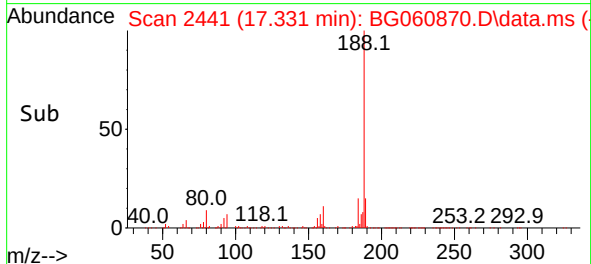
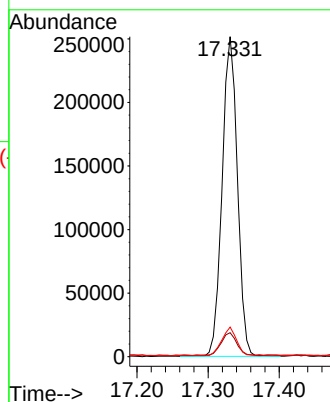
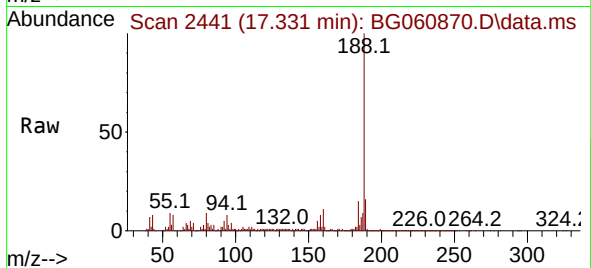
Tgt Ion:188 Resp: 373027

Ion Ratio Lower Upper

188 100

94 7.5 6.6 9.8

80 9.3 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.591 min Scan# 3166

Delta R.T. -0.014 min

Lab File: BG060870.D

Acq: 11 Apr 2024 22:22

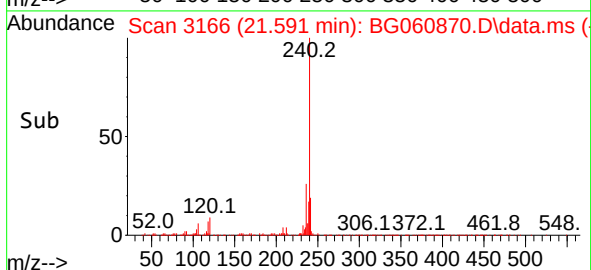
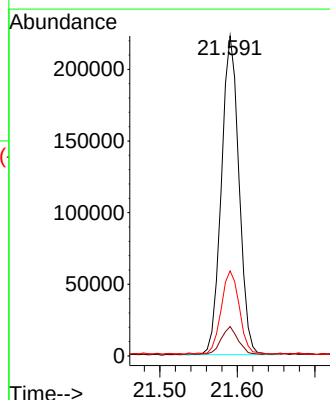
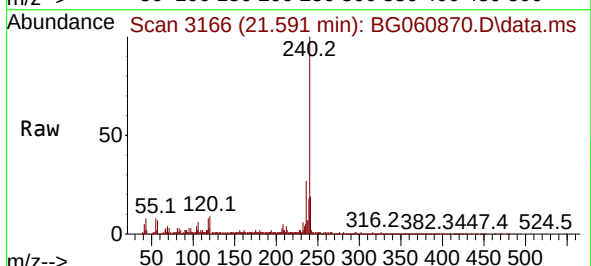
Tgt Ion:240 Resp: 351804

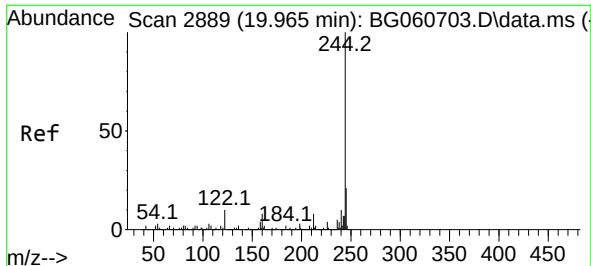
Ion Ratio Lower Upper

240 100

120 9.2 7.1 10.7

236 26.6 20.7 31.1

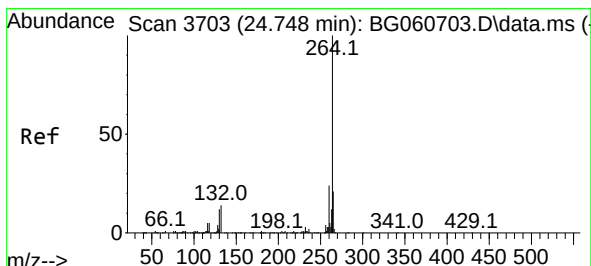
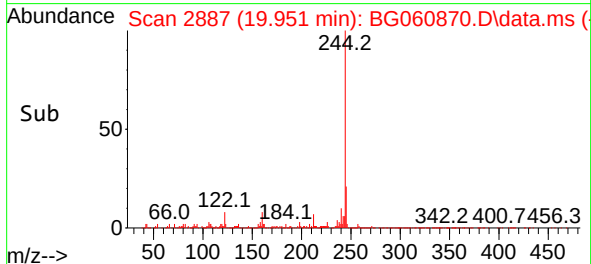
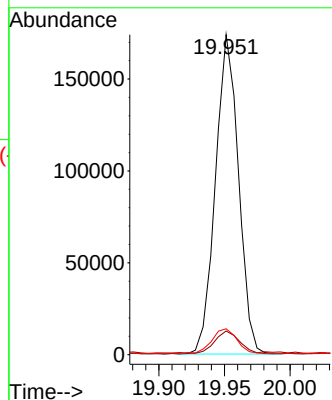
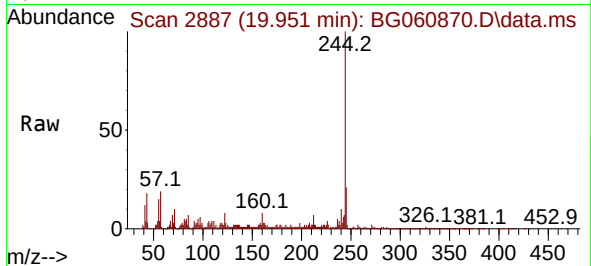




#79
 Terphenyl-d14
 Concen: 10.605 ng
 RT: 19.951 min Scan# 211889
 Delta R.T. -0.014 min
 Lab File: BG060870.D
 Acq: 11 Apr 2024 22:22

Instrument :
 BNA_G
 ClientSampleId :
 HR-02-041024

Tgt Ion:244 Resp: 211889
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 8.1 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.734 min Scan# 3701
 Delta R.T. -0.014 min
 Lab File: BG060870.D
 Acq: 11 Apr 2024 22:22

Tgt Ion:264 Resp: 407614
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.5 29.3
 265 22.3 16.9 25.3

