

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
 Data File : BG060744.D
 Acq On : 2 Apr 2024 19:24
 Operator : MA/JU
 Sample : P1867-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB-03252024

Quant Time: Apr 03 00:42:38 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)

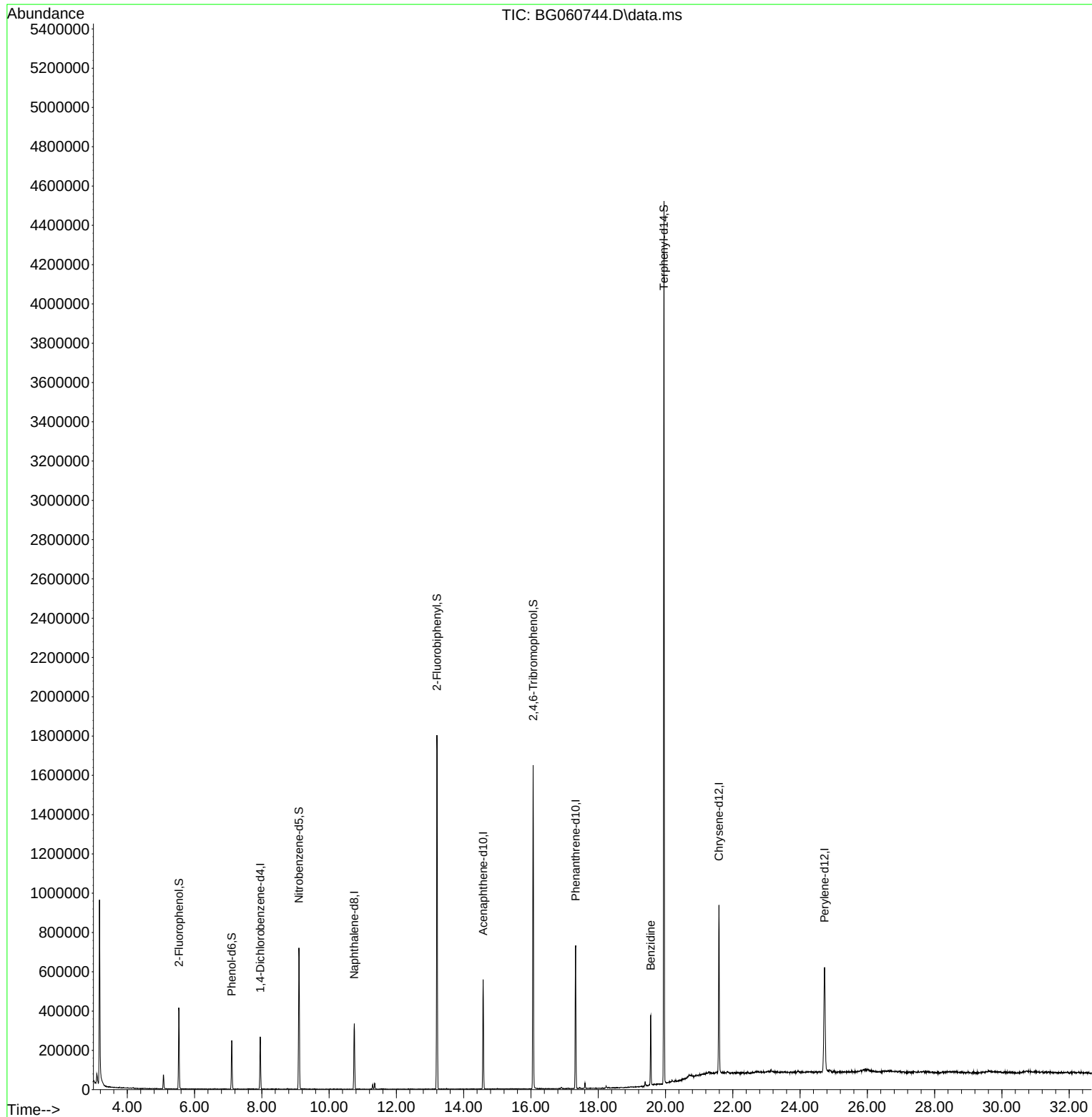
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	69236	20.000	ng	0.00
21) Naphthalene-d8	10.750	136	273729	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	191620	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	470738	20.000	ng	0.00
76) Chrysene-d12	21.590	240	488801	20.000	ng	-0.01
86) Perylene-d12	24.727	264	573791	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	165928	39.924	ng	0.00
7) Phenol-d6	7.107	99	131012	21.236	ng	0.00
23) Nitrobenzene-d5	9.105	82	392293	81.777	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	314832	144.737	ng	0.00
45) 2-Fluorobiphenyl	13.206	172	929926	71.224	ng	-0.01
79) Terphenyl-d14	19.957	244	2239026	80.658	ng	0.00
Target Compounds						
77) Benzidine	19.563	184	211751	16.452	ng	Qvalue 99

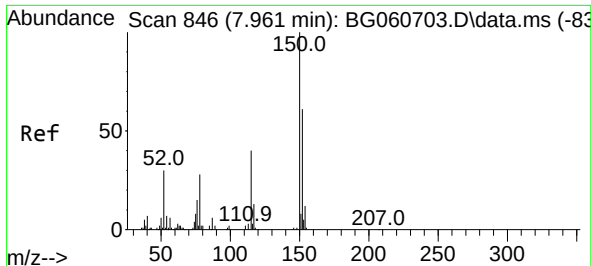
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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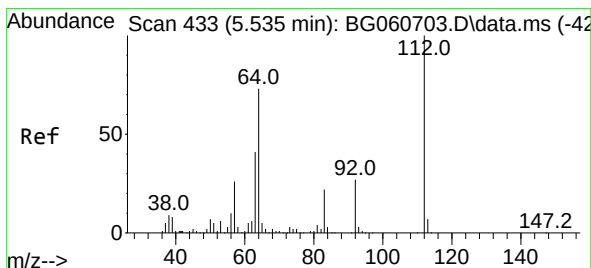
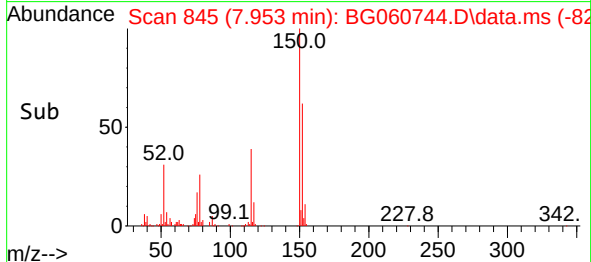
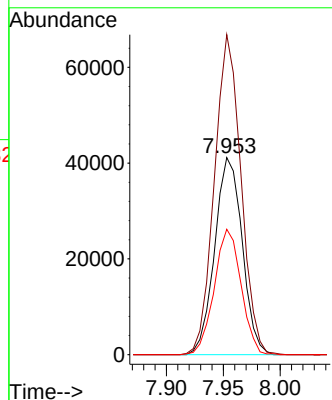
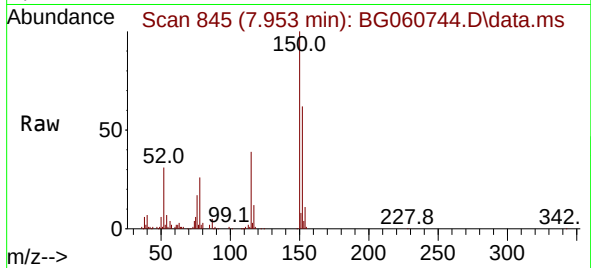




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.953 min Scan# 846
 Delta R.T. -0.008 min
 Lab File: BG060744.D
 Acq: 2 Apr 2024 19:24

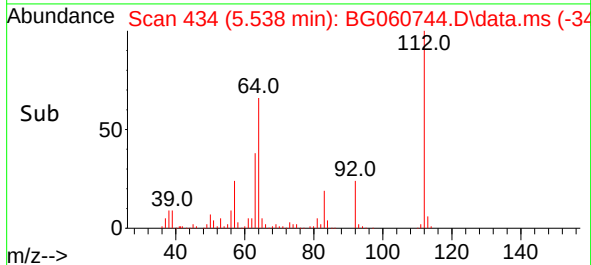
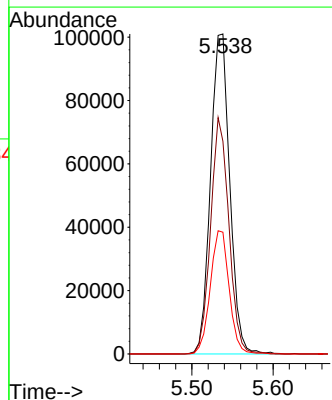
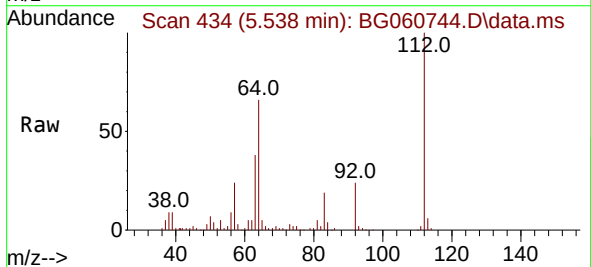
Instrument :
 BNA_G
 ClientSampleId :
 EB-03252024

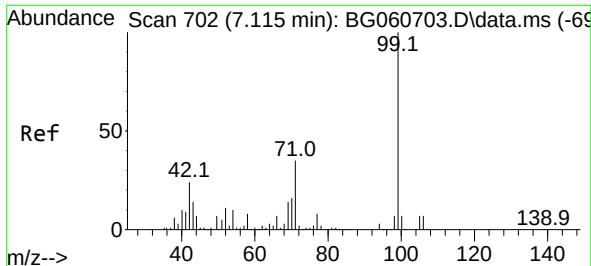
Tgt Ion:152 Resp: 69236
 Ion Ratio Lower Upper
 152 100
 150 162.4 130.2 195.4
 115 63.6 51.6 77.4



#5
 2-Fluorophenol
 Concen: 39.924 ng
 RT: 5.538 min Scan# 434
 Delta R.T. 0.003 min
 Lab File: BG060744.D
 Acq: 2 Apr 2024 19:24

Tgt Ion:112 Resp: 165928
 Ion Ratio Lower Upper
 112 100
 64 66.5 58.4 87.6
 63 38.1 32.7 49.1

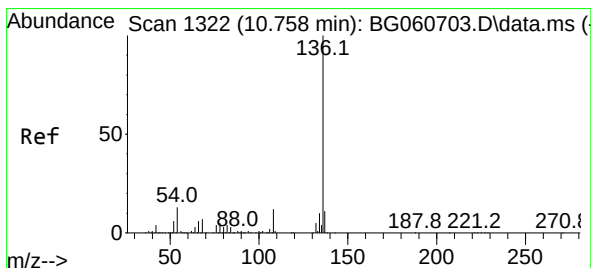
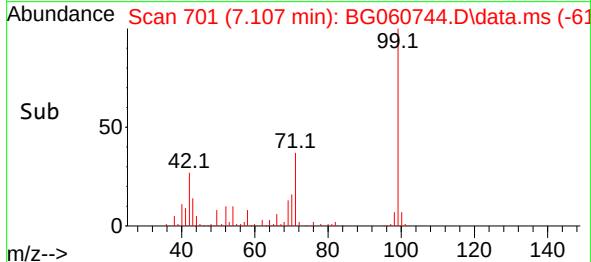
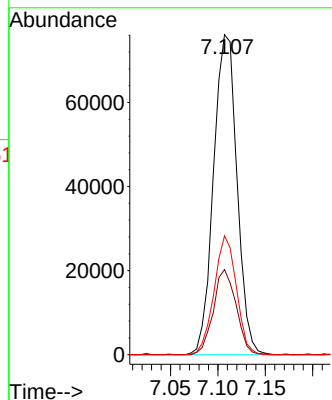
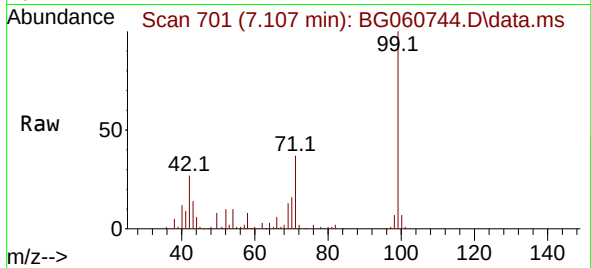




#7
Phenol-d6
Concen: 21.236 ng
RT: 7.107 min Scan# 702
Delta R.T. -0.008 min
Lab File: BG060744.D
Acq: 2 Apr 2024 19:24

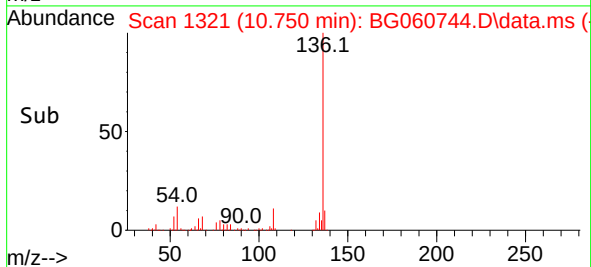
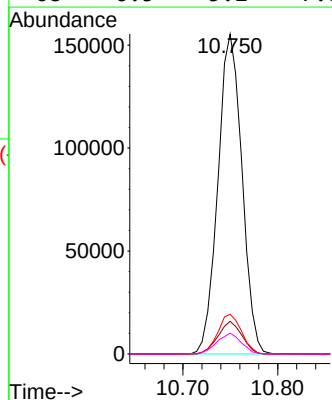
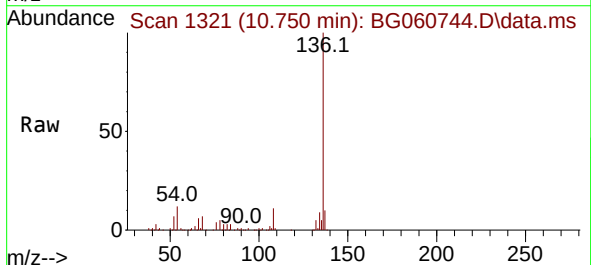
Instrument :
BNA_G
ClientSampleId :
EB-03252024

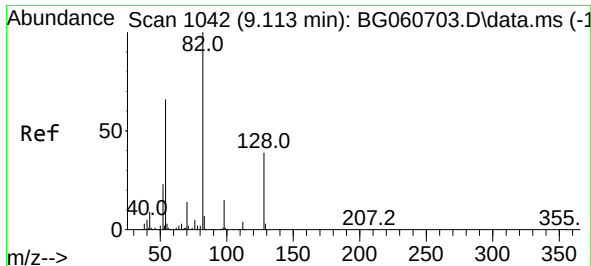
Tgt Ion: 99 Resp: 131012
Ion Ratio Lower Upper
99 100
42 26.6 19.4 29.2
71 37.2 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.750 min Scan# 1321
Delta R.T. -0.008 min
Lab File: BG060744.D
Acq: 2 Apr 2024 19:24

Tgt Ion:136 Resp: 273729
Ion Ratio Lower Upper
136 100
137 10.2 8.8 13.2
54 12.4 10.2 15.2
68 6.5 5.2 7.8





#23

Nitrobenzene-d5

Concen: 81.777 ng

RT: 9.105 min Scan# 1042

Delta R.T. -0.008 min

Lab File: BG060744.D

Acq: 2 Apr 2024 19:24

Instrument :

BNA_G

ClientSampleId :

EB-03252024

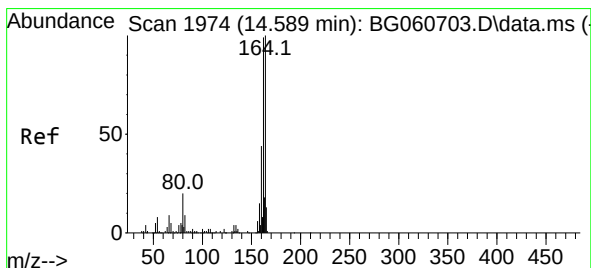
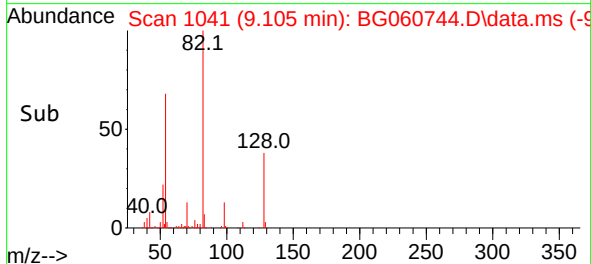
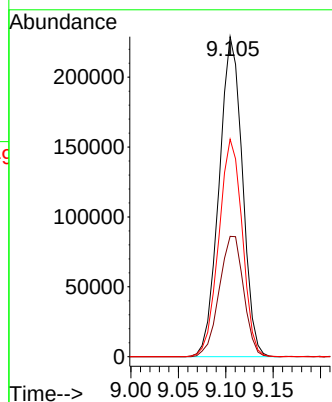
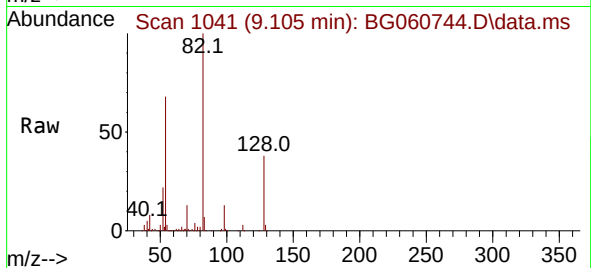
Tgt Ion: 82 Resp: 392293

Ion Ratio Lower Upper

82 100

128 37.6 31.2 46.8

54 68.0 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.580 min Scan# 1973

Delta R.T. -0.009 min

Lab File: BG060744.D

Acq: 2 Apr 2024 19:24

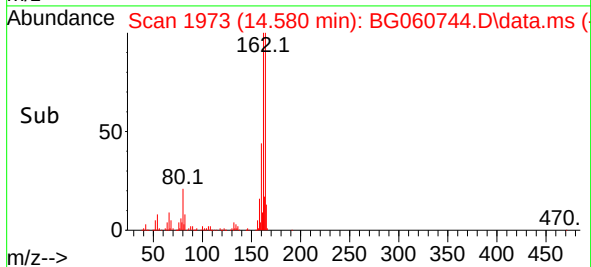
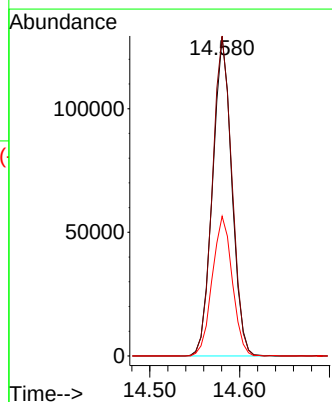
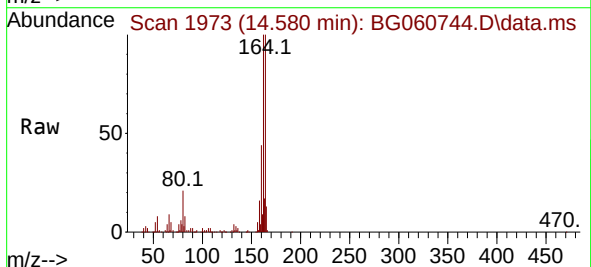
Tgt Ion:164 Resp: 191620

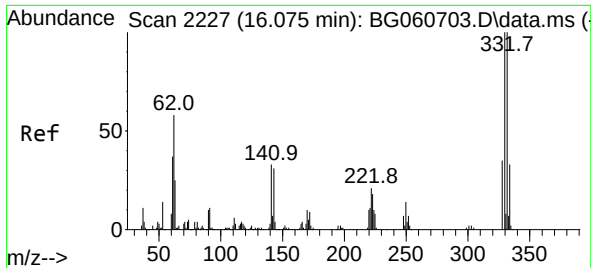
Ion Ratio Lower Upper

164 100

162 100.3 79.5 119.3

160 43.8 35.4 53.0

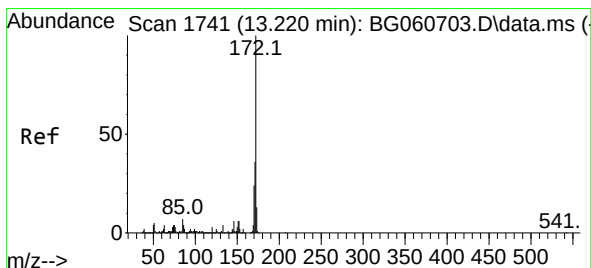
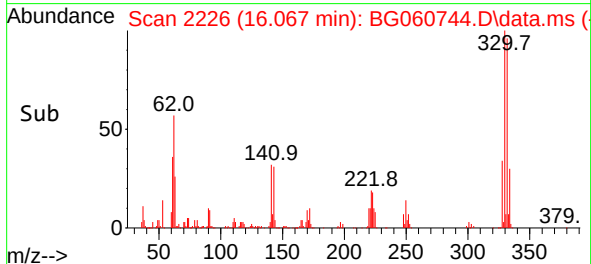
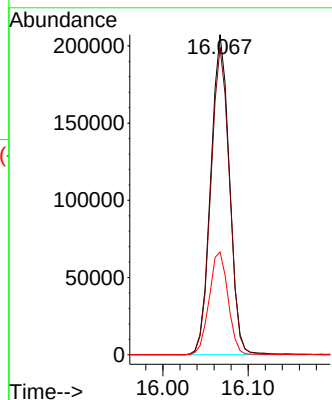
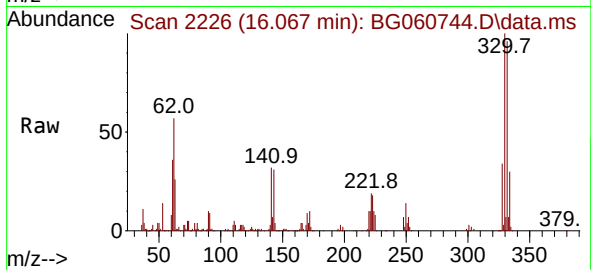




#42
2,4,6-Tribromophenol
Concen: 144.737 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG060744.D
Acq: 2 Apr 2024 19:24

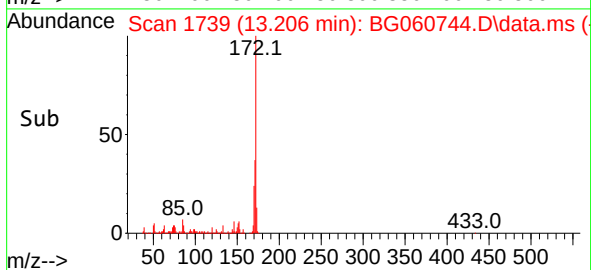
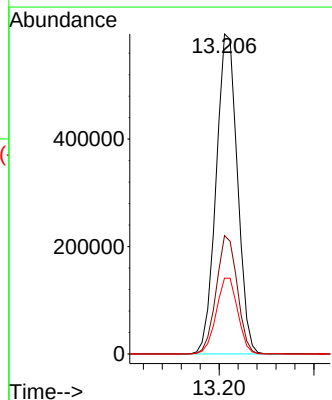
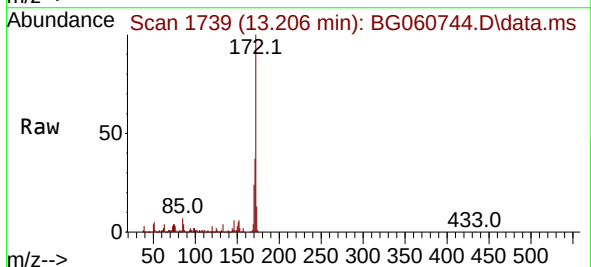
Instrument :
BNA_G
ClientSampleId :
EB-03252024

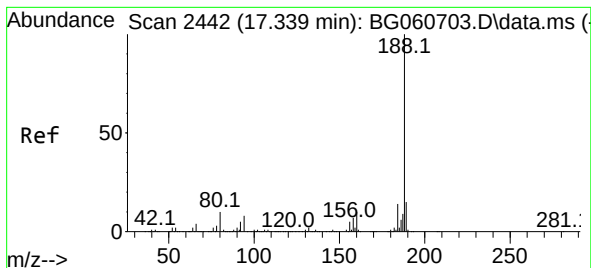
Tgt Ion:330 Resp: 314832
Ion Ratio Lower Upper
330 100
332 95.9 78.2 117.4
141 32.3 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 71.224 ng
RT: 13.206 min Scan# 1739
Delta R.T. -0.014 min
Lab File: BG060744.D
Acq: 2 Apr 2024 19:24

Tgt Ion:172 Resp: 929926
Ion Ratio Lower Upper
172 100
171 37.0 28.7 43.1
170 23.7 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.330 min Scan# 2442

Delta R.T. -0.008 min

Lab File: BG060744.D

Acq: 2 Apr 2024 19:24

Instrument :

BNA_G

ClientSampleId :

EB-03252024

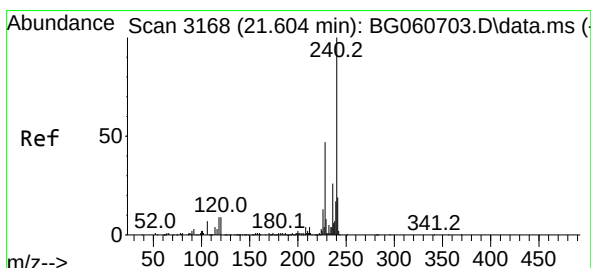
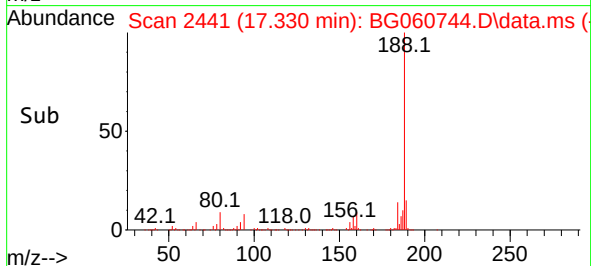
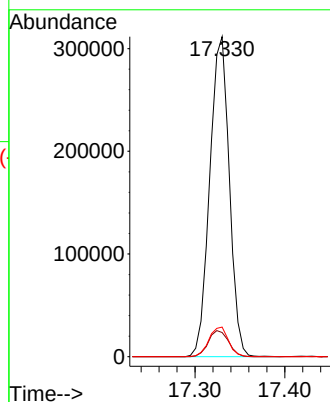
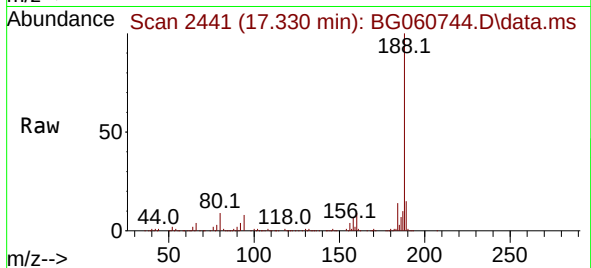
Tgt Ion:188 Resp: 470738

Ion Ratio Lower Upper

188 100

94 7.6 6.6 9.8

80 9.3 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.590 min Scan# 3166

Delta R.T. -0.014 min

Lab File: BG060744.D

Acq: 2 Apr 2024 19:24

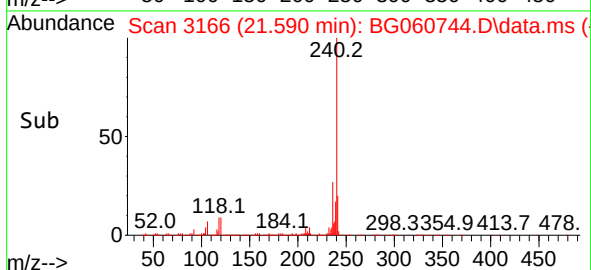
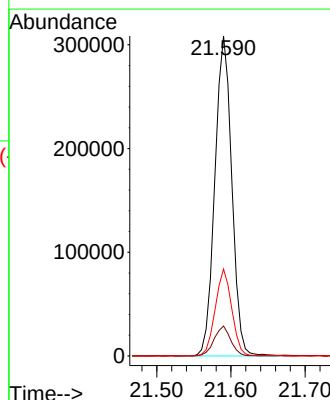
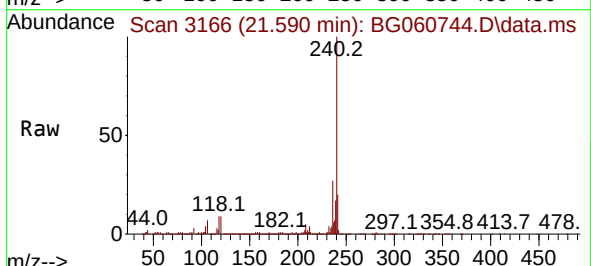
Tgt Ion:240 Resp: 488801

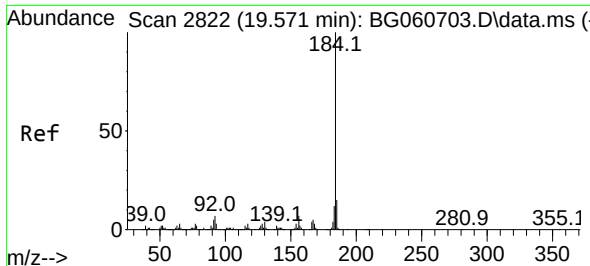
Ion Ratio Lower Upper

240 100

120 9.3 7.1 10.7

236 27.1 20.7 31.1

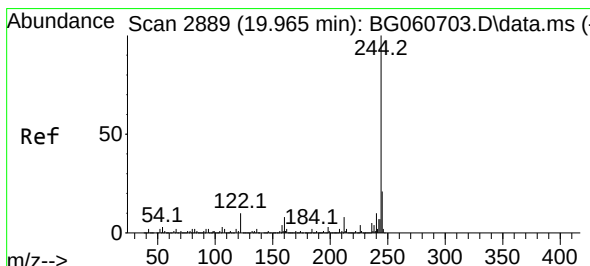
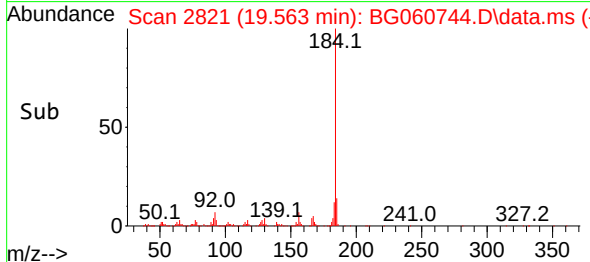
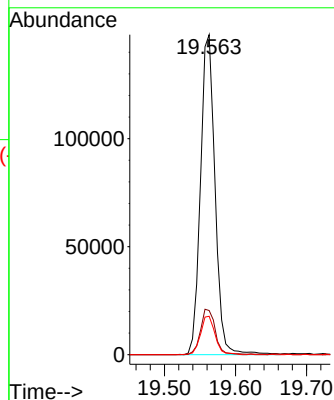
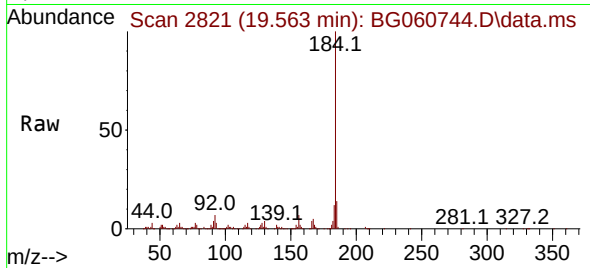




#77
Benzidine
Concen: 16.452 ng
RT: 19.563 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG060744.D
Acq: 2 Apr 2024 19:24

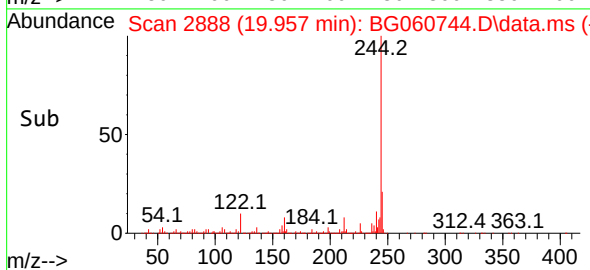
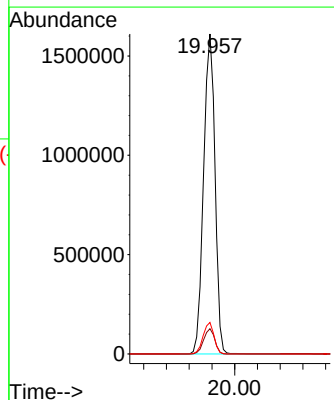
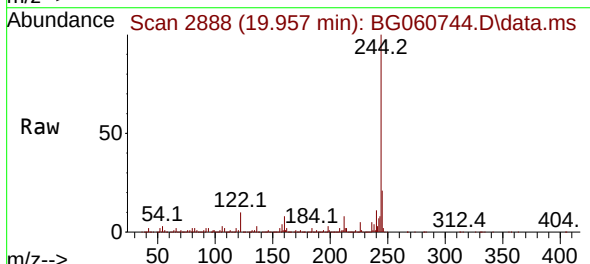
Instrument :
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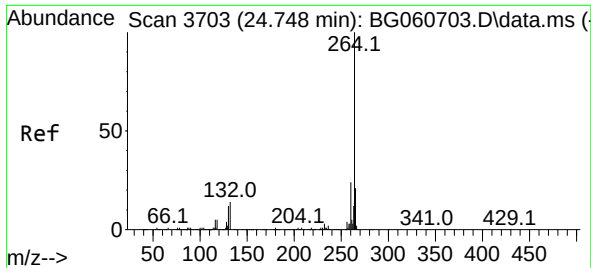
Tgt Ion:184 Resp: 211751
Ion Ratio Lower Upper
184 100
185 13.8 11.8 17.6
183 12.0 9.5 14.3



#79
Terphenyl-d14
Concen: 80.658 ng
RT: 19.957 min Scan# 2888
Delta R.T. -0.008 min
Lab File: BG060744.D
Acq: 2 Apr 2024 19:24

Tgt Ion:244 Resp: 2239026
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.2
122 9.9 7.8 11.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.727 min Scan# 31
 Delta R.T. -0.020 min
 Lab File: BG060744.D
 Acq: 2 Apr 2024 19:24

Instrument :
 BNA_G
 ClientSampleId :
 EB-03252024

Tgt Ion:264 Resp: 573791
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 20.3 16.9 25.3

