

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070822\
 Data File : BG054243.D
 Acq On : 8 Jul 2022 12:25
 Operator : CG/JU
 Sample : PB146089BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146089BL

Quant Time: Jul 08 13:53:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 13:46:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	18962	20.000	ng	0.00
21) Naphthalene-d8	10.870	136	75970	20.000	ng	# 0.00
39) Acenaphthene-d10	14.689	164	64351	20.000	ng	0.00
64) Phenanthrene-d10	17.433	188	197311	20.000	ng	# 0.00
76) Chrysene-d12	21.711	240	233641	20.000	ng	# 0.00
86) Perylene-d12	24.966	264	234155	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.635	112	110186	111.099	ng	0.00
7) Phenol-d6	7.228	99	149413	111.053	ng	0.00
23) Nitrobenzene-d5	9.225	82	100637	74.443	ng	0.00
42) 2,4,6-Tribromophenol	16.176	330	166070	160.623	ng	0.00
45) 2-Fluorobiphenyl	13.315	172	333061	75.261	ng	0.00
79) Terphenyl-d14	20.042	244	997920	86.025	ng	0.00

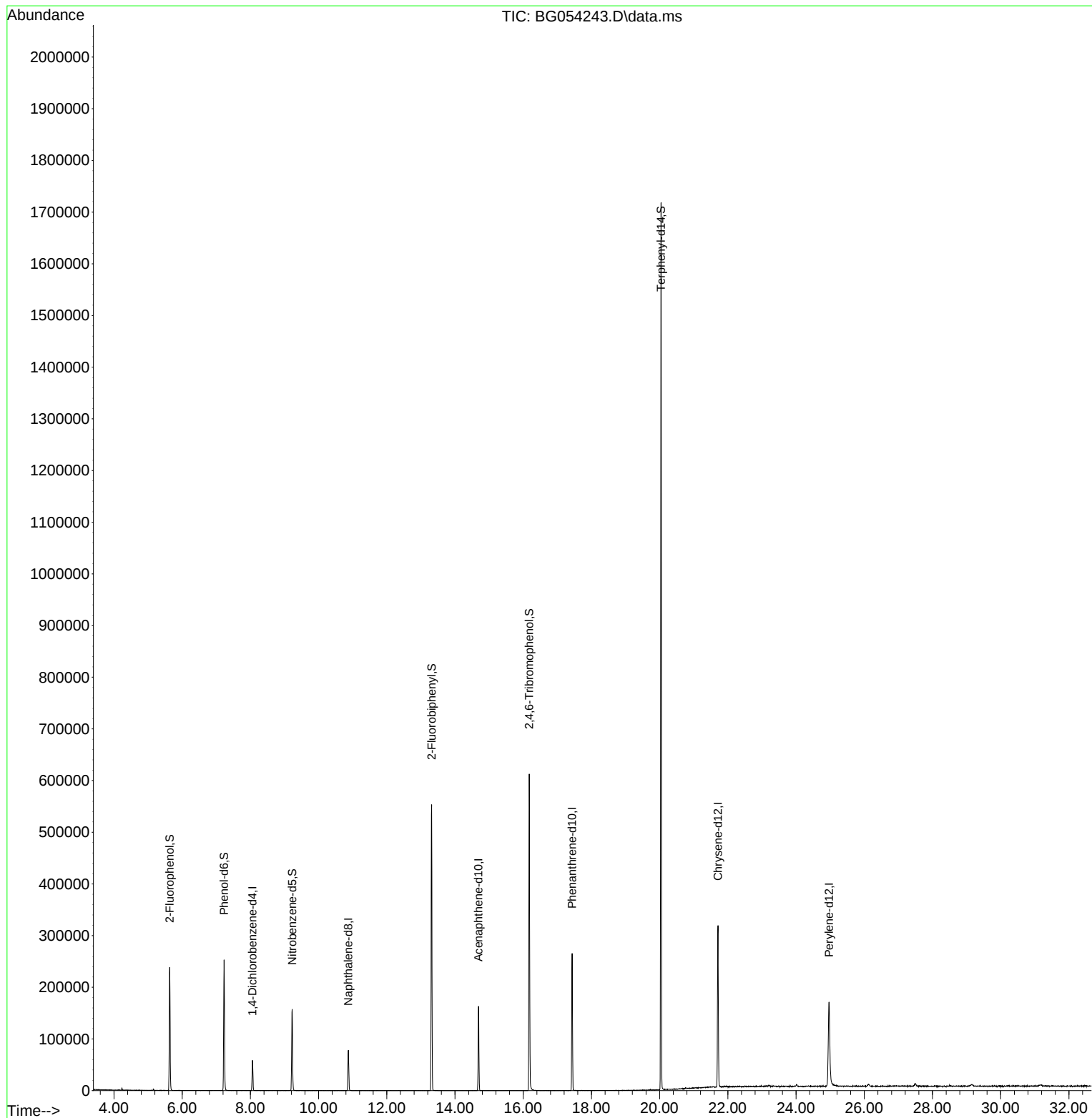
Target Compounds	Qvalue

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

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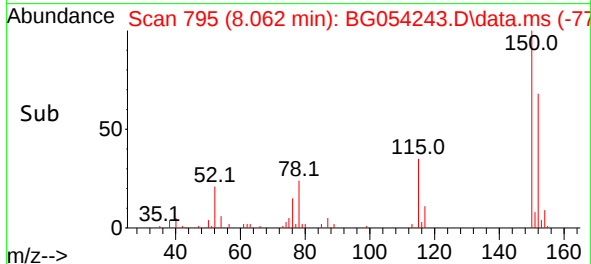
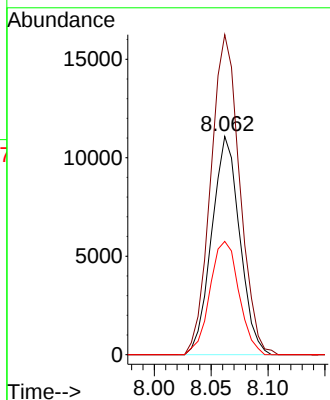
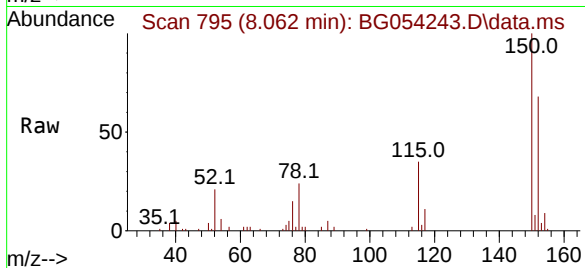




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.062 min Scan# 79
 Delta R.T. 0.003 min
 Lab File: BG054243.D
 Acq: 8 Jul 2022 12:25

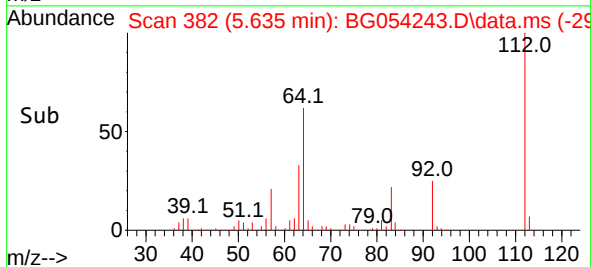
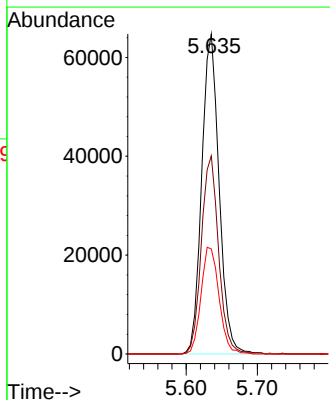
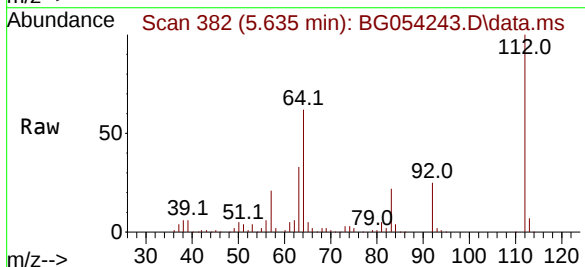
Instrument :
 BNA_G
 ClientSampleId :
 PB146089BL

Tgt Ion:152 Resp: 18962
 Ion Ratio Lower Upper
 152 100
 150 146.6 131.6 197.4
 115 51.9 50.9 76.3



#5
 2-Fluorophenol
 Concen: 111.099 ng
 RT: 5.635 min Scan# 382
 Delta R.T. 0.003 min
 Lab File: BG054243.D
 Acq: 8 Jul 2022 12:25

Tgt Ion:112 Resp: 110186
 Ion Ratio Lower Upper
 112 100
 64 61.9 55.1 82.7
 63 32.8 30.4 45.6

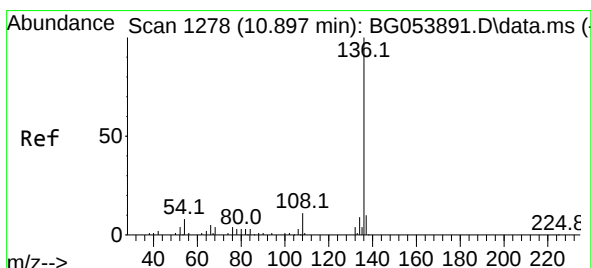
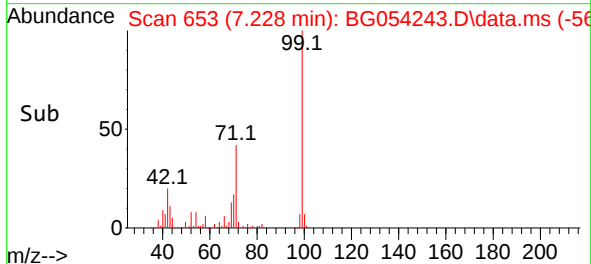
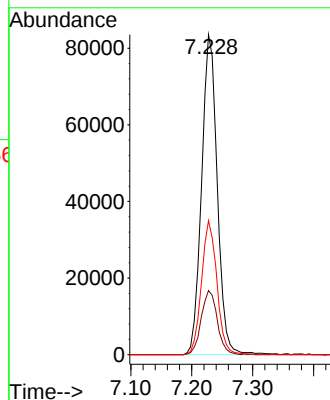
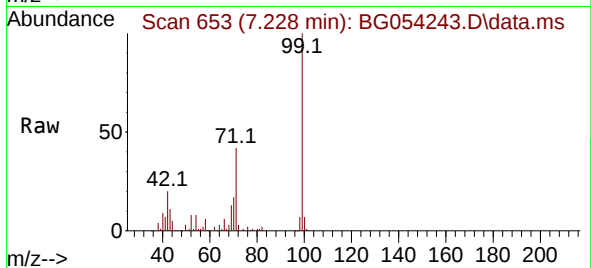




#7
Phenol-d6
Concen: 111.053 ng
RT: 7.228 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG054243.D
Acq: 8 Jul 2022 12:25

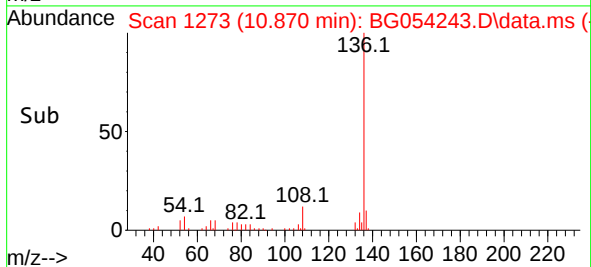
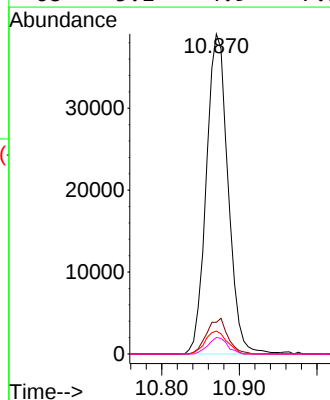
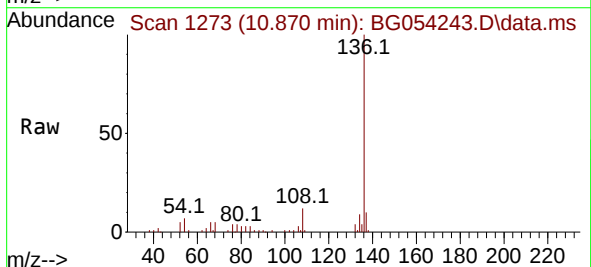
Instrument :
BNA_G
ClientSampleId :
PB146089BL

Tgt Ion: 99 Resp: 149413
Ion Ratio Lower Upper
99 100
42 20.0 17.0 25.6
71 41.9 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.870 min Scan# 1273
Delta R.T. -0.003 min
Lab File: BG054243.D
Acq: 8 Jul 2022 12:25

Tgt Ion: 136 Resp: 75970
Ion Ratio Lower Upper
136 100
137 9.9 8.5 12.7
54 7.2 7.4 11.2#
68 5.1 4.9 7.3

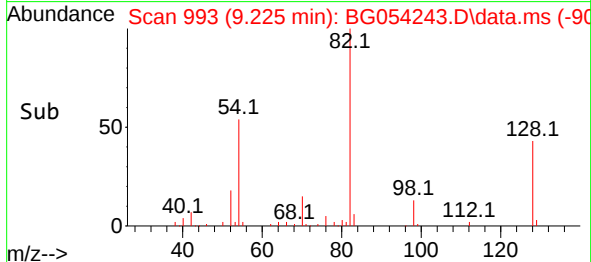
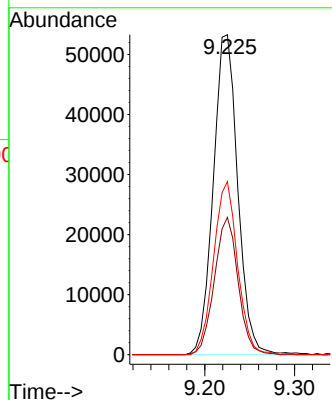
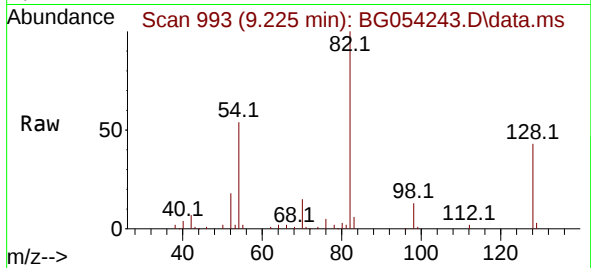




#23
 Nitrobenzene-d5
 Concen: 74.443 ng
 RT: 9.225 min Scan# 997
 Delta R.T. 0.003 min
 Lab File: BG054243.D
 Acq: 8 Jul 2022 12:25

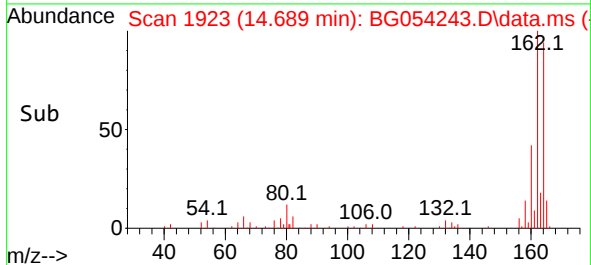
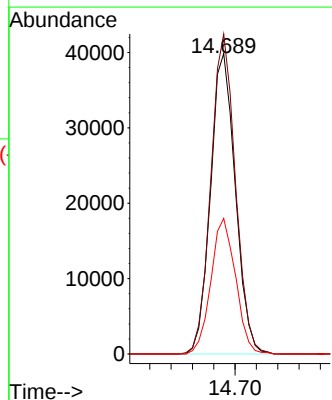
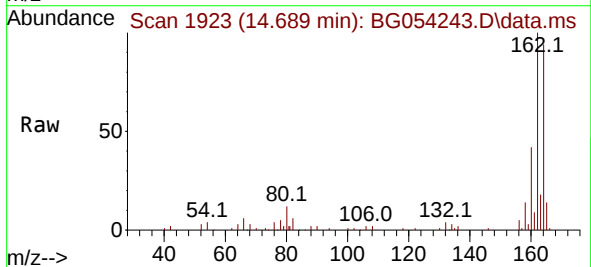
Instrument :
 BNA_G
 ClientSampleId :
 PB146089BL

Tgt Ion: 82 Resp: 100637
 Ion Ratio Lower Upper
 82 100
 128 42.9 27.9 41.9#
 54 54.1 41.2 61.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.689 min Scan# 1923
 Delta R.T. 0.003 min
 Lab File: BG054243.D
 Acq: 8 Jul 2022 12:25

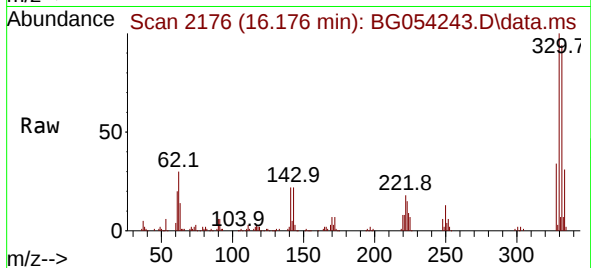
Tgt Ion: 164 Resp: 64351
 Ion Ratio Lower Upper
 164 100
 162 106.5 82.3 123.5
 160 45.1 34.2 51.2



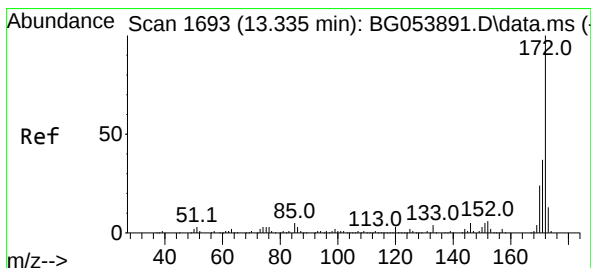
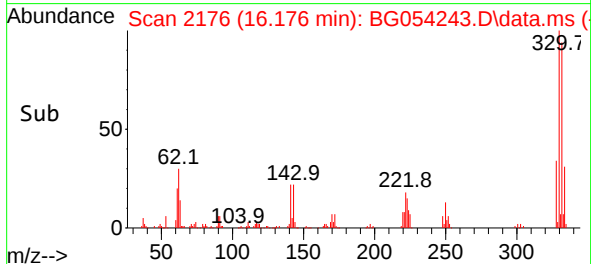
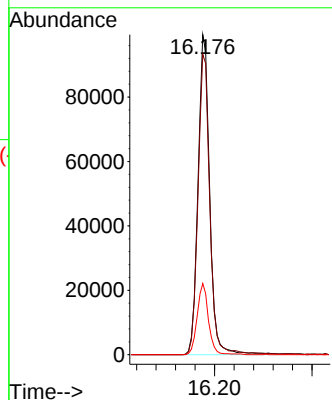


#42
2,4,6-Tribromophenol
Concen: 160.623 ng
RT: 16.176 min Scan# 2179
Delta R.T. -0.003 min
Lab File: BG054243.D
Acq: 8 Jul 2022 12:25

Instrument :
BNA_G
ClientSampleId :
PB146089BL

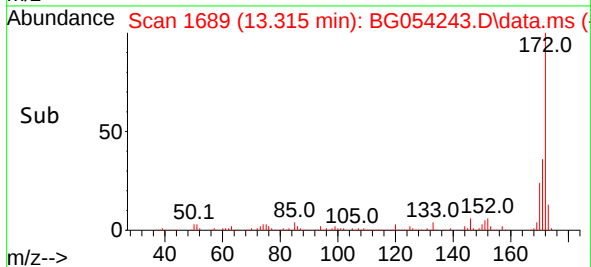
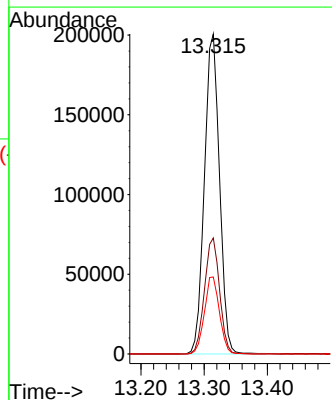
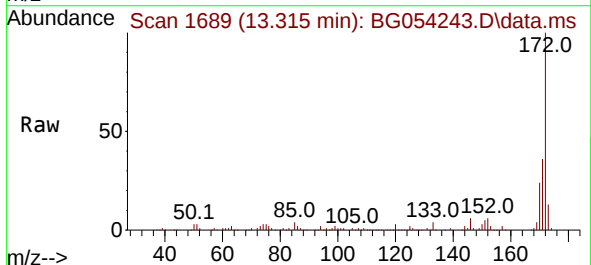


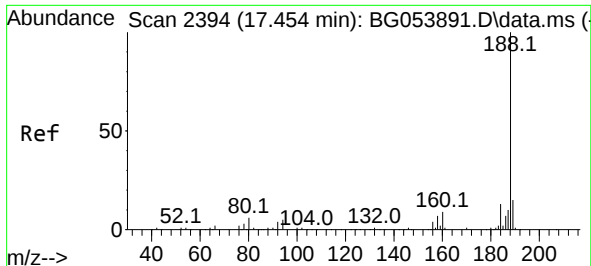
Tgt Ion:330 Resp: 166070
Ion Ratio Lower Upper
330 100
332 94.0 76.0 114.0
141 21.5 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 75.261 ng
RT: 13.315 min Scan# 1689
Delta R.T. 0.003 min
Lab File: BG054243.D
Acq: 8 Jul 2022 12:25

Tgt Ion:172 Resp: 333061
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 24.1 18.9 28.3

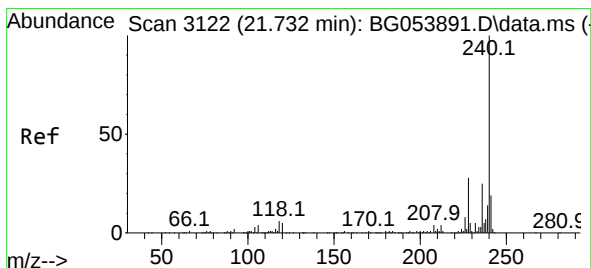
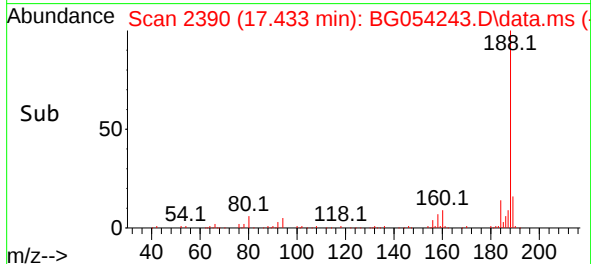
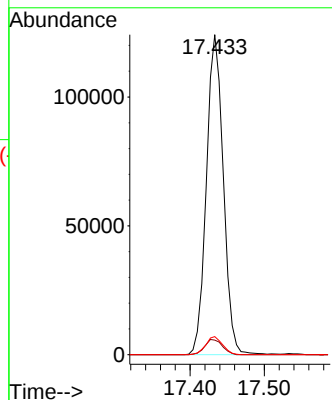
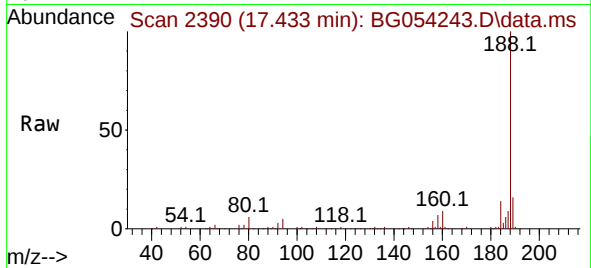




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.433 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG054243.D
Acq: 8 Jul 2022 12:25

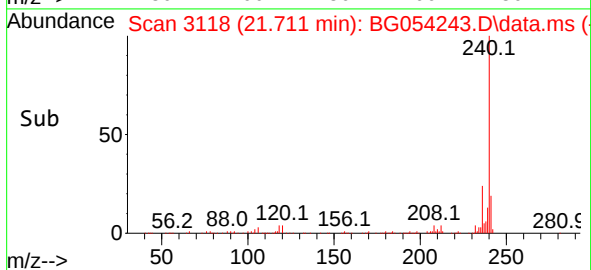
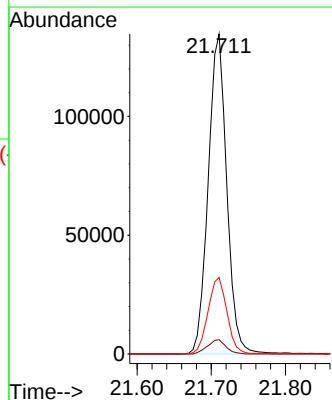
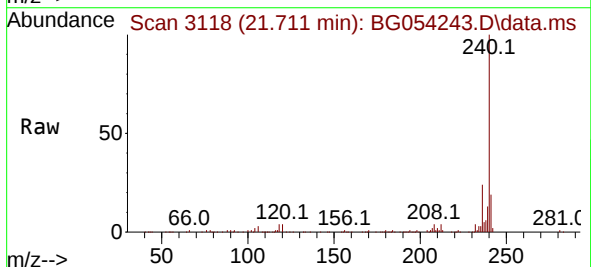
Instrument :
BNA_G
ClientSampleId :
PB146089BL

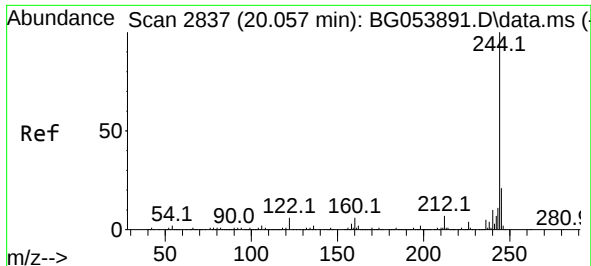
Tgt Ion:188 Resp: 197311
Ion Ratio Lower Upper
188 100
94 4.6 5.4 8.0#
80 5.7 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.711 min Scan# 3118
Delta R.T. 0.003 min
Lab File: BG054243.D
Acq: 8 Jul 2022 12:25

Tgt Ion:240 Resp: 233641
Ion Ratio Lower Upper
240 100
120 4.4 4.6 7.0#
236 23.9 20.2 30.4

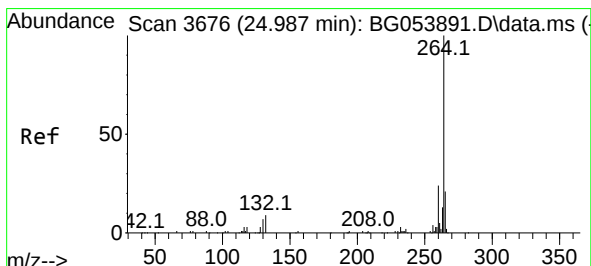
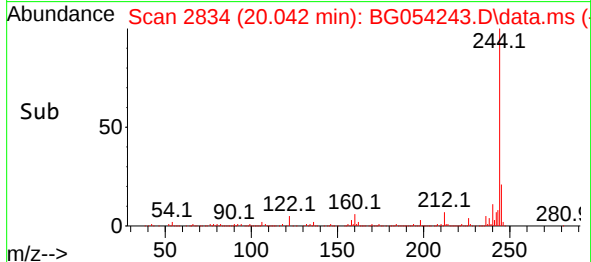
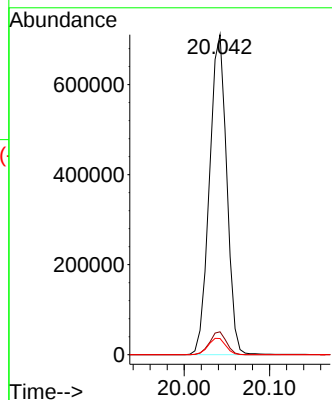
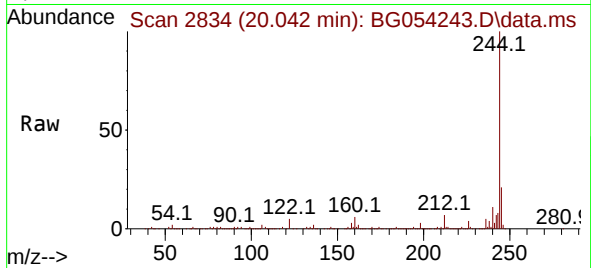




#79
 Terphenyl-d14
 Concen: 86.025 ng
 RT: 20.042 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG054243.D
 Acq: 8 Jul 2022 12:25

Instrument :
 BNA_G
 ClientSampleId :
 PB146089BL

Tgt Ion:244 Resp: 997920
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 5.1 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.966 min Scan# 3672
 Delta R.T. 0.009 min
 Lab File: BG054243.D
 Acq: 8 Jul 2022 12:25

Tgt Ion:264 Resp: 234155
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.0 28.6
 265 21.4 17.4 26.2

