

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092322\
 Data File : BG055019.D
 Acq On : 23 Sep 2022 19:31
 Operator : CG/JU
 Sample : N4751-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PE-5D

Quant Time: Sep 24 02:29:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 17:41:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	41567	20.000	ng	0.00
21) Naphthalene-d8	10.885	136	165047	20.000	ng	# 0.00
39) Acenaphthene-d10	14.704	164	114690	20.000	ng	0.00
64) Phenanthrene-d10	17.448	188	262746	20.000	ng	0.00
76) Chrysene-d12	21.725	240	265706	20.000	ng	0.00
86) Perylene-d12	25.033	264	277058	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.597	112	235717	110.959	ng	0.00
7) Phenol-d6	7.218	99	306467	107.629	ng	0.00
23) Nitrobenzene-d5	9.234	82	177870	62.465	ng	0.00
42) 2,4,6-Tribromophenol	16.190	330	134022	99.749	ng	0.00
45) 2-Fluorobiphenyl	13.323	172	488570	67.135	ng	0.00
79) Terphenyl-d14	20.050	244	840772	66.191	ng	0.00

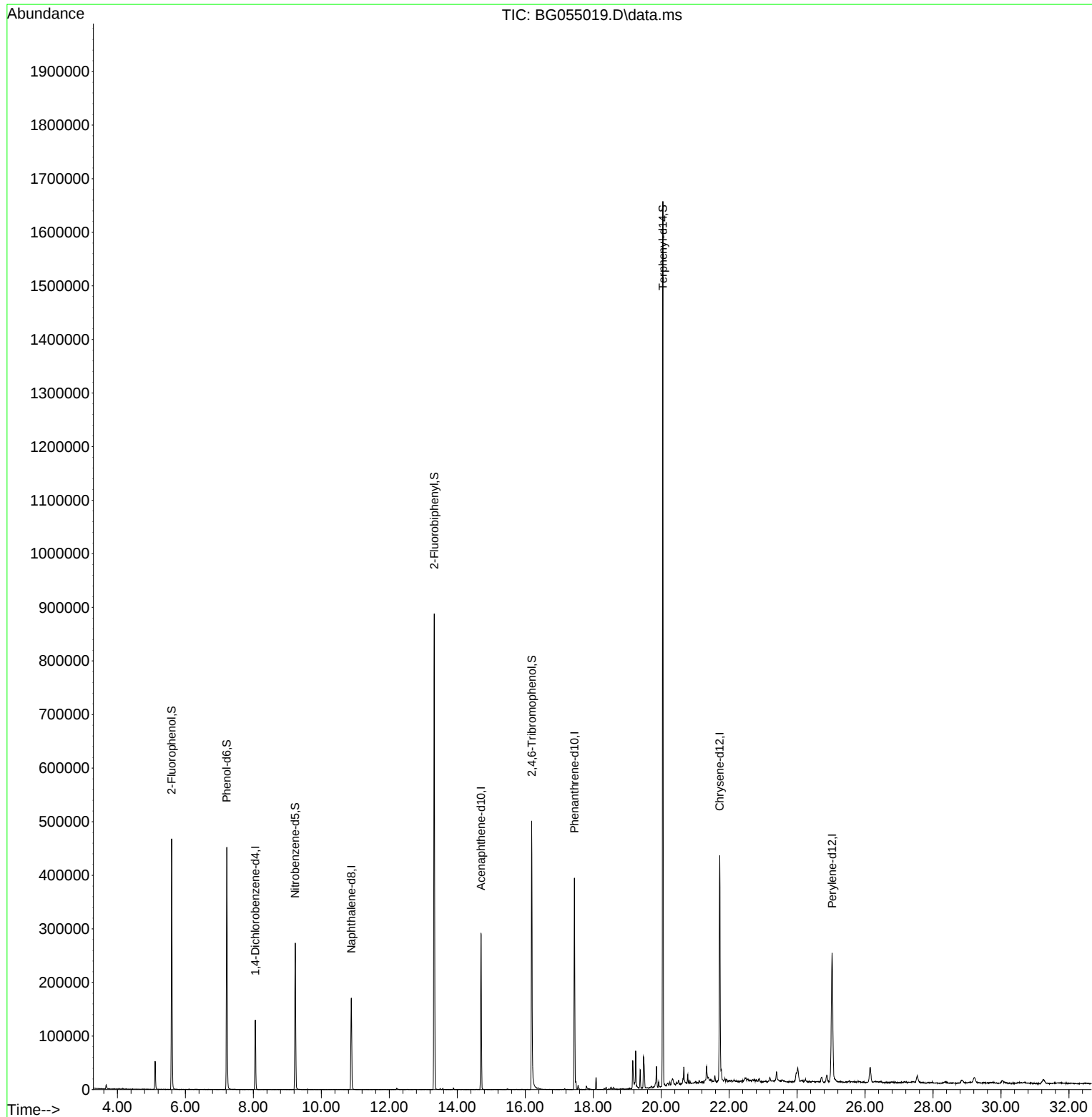
Target Compounds	Qvalue

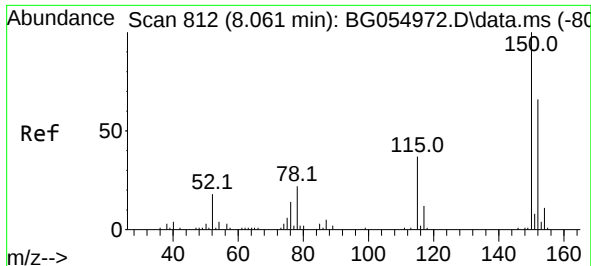
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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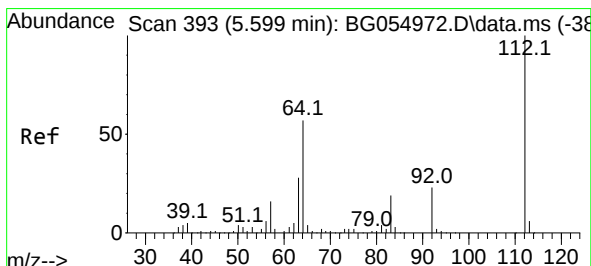
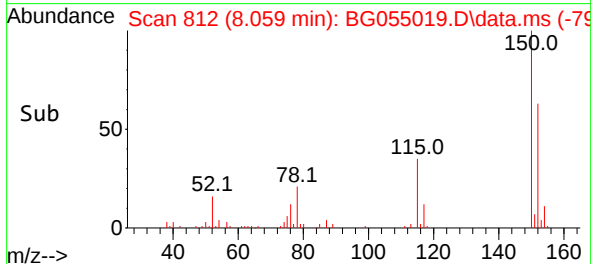
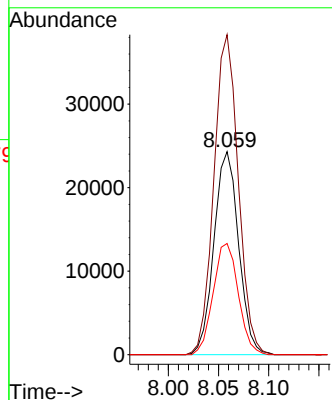
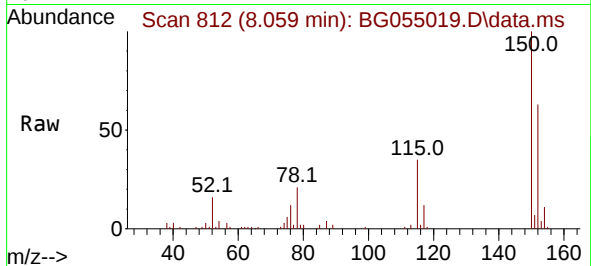




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.059 min Scan# 812
Delta R.T. -0.002 min
Lab File: BG055019.D
Acq: 23 Sep 2022 19:31

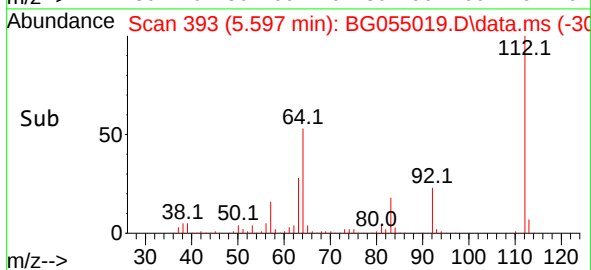
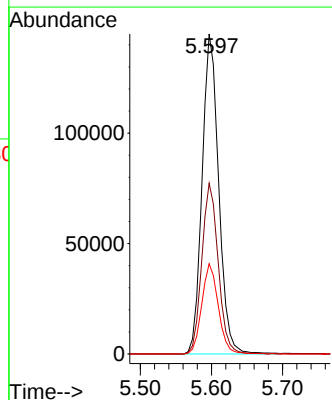
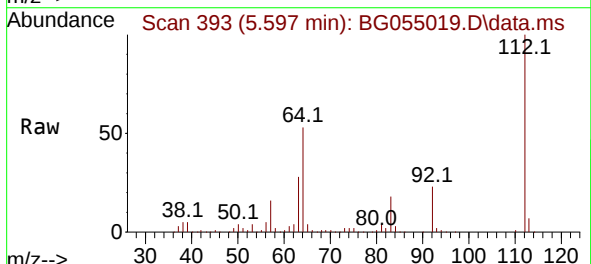
Instrument :
BNA_G
ClientSampleId :
PE-5D

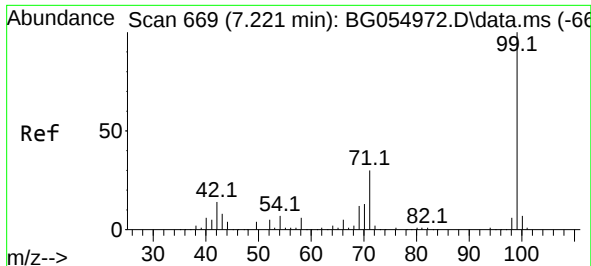
Tgt Ion:152 Resp: 41567
Ion Ratio Lower Upper
152 100
150 157.6 125.2 187.8
115 54.8 47.9 71.9



#5
2-Fluorophenol
Concen: 110.959 ng
RT: 5.597 min Scan# 393
Delta R.T. -0.002 min
Lab File: BG055019.D
Acq: 23 Sep 2022 19:31

Tgt Ion:112 Resp: 235717
Ion Ratio Lower Upper
112 100
64 53.3 49.3 73.9
63 28.2 26.3 39.5

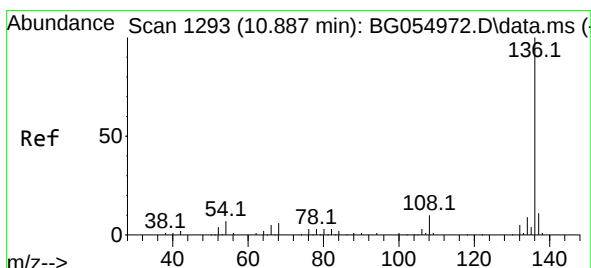
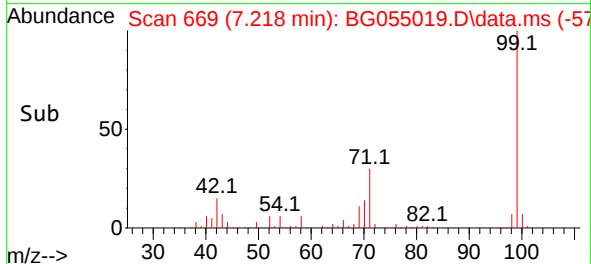
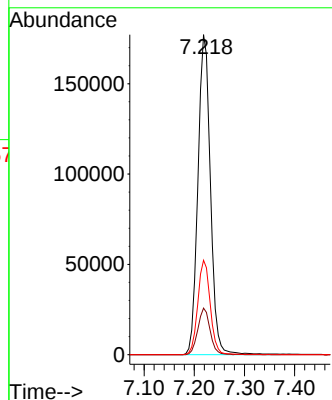
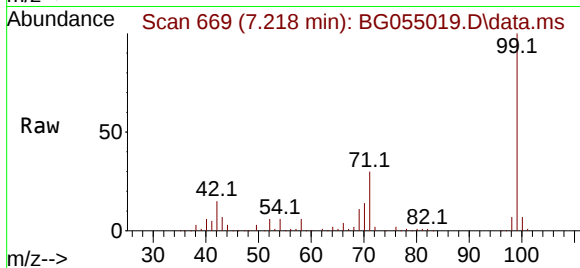




#7
Phenol-d6
Concen: 107.629 ng
RT: 7.218 min Scan# 60
Delta R.T. -0.002 min
Lab File: BG055019.D
Acq: 23 Sep 2022 19:31

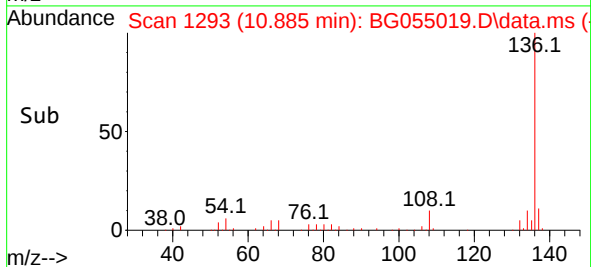
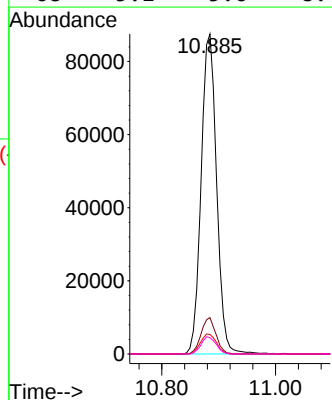
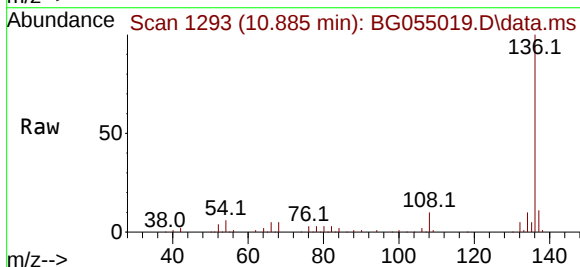
Instrument :
BNA_G
ClientSampleId :
PE-5D

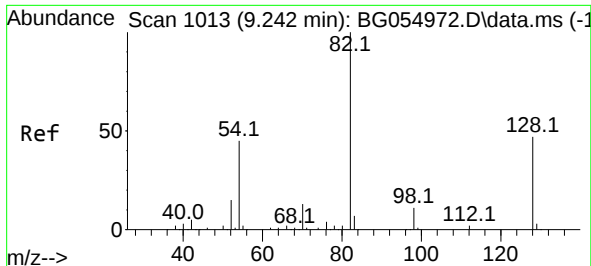
Tgt Ion: 99 Resp: 306467
Ion Ratio Lower Upper
99 100
42 14.5 14.6 22.0#
71 29.5 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.885 min Scan# 1293
Delta R.T. -0.002 min
Lab File: BG055019.D
Acq: 23 Sep 2022 19:31

Tgt Ion: 136 Resp: 165047
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 6.1 7.7 11.5#
68 5.1 5.6 8.4#





#23

Nitrobenzene-d5

Concen: 62.465 ng

RT: 9.234 min Scan# 1013

Delta R.T. -0.008 min

Lab File: BG055019.D

Acq: 23 Sep 2022 19:31

Instrument :

BNA_G

ClientSampleId :

PE-5D

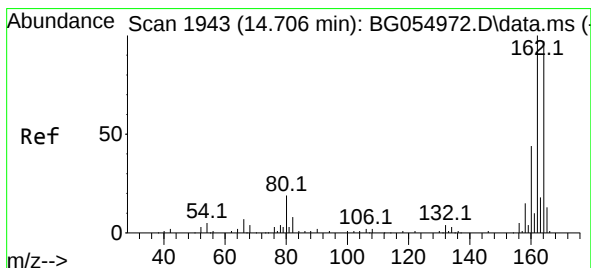
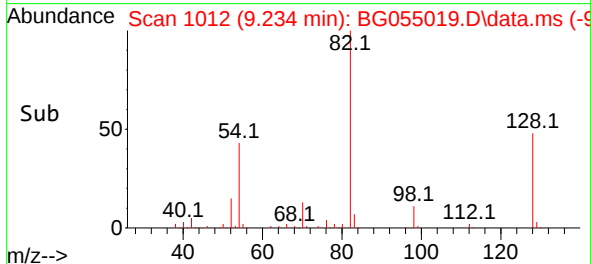
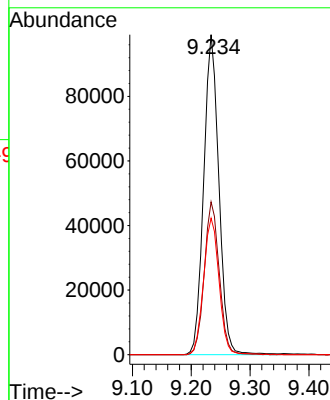
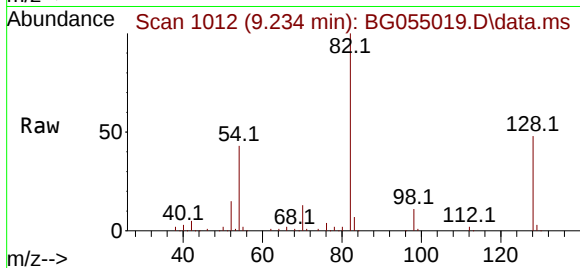
Tgt Ion: 82 Resp: 177870

Ion Ratio Lower Upper

82 100

128 47.7 32.2 48.2

54 42.6 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.704 min Scan# 1943

Delta R.T. -0.002 min

Lab File: BG055019.D

Acq: 23 Sep 2022 19:31

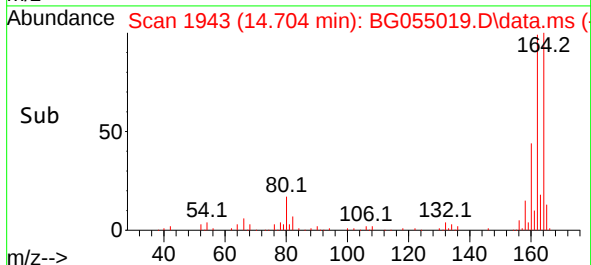
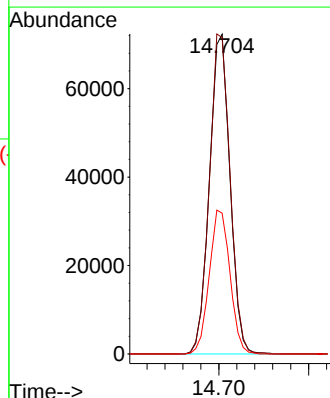
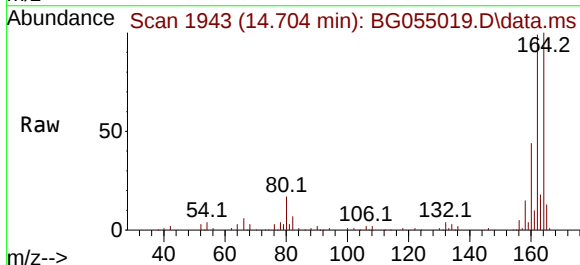
Tgt Ion:164 Resp: 114690

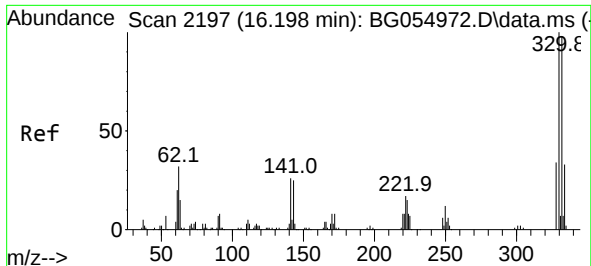
Ion Ratio Lower Upper

164 100

162 99.0 83.0 124.4

160 44.0 38.0 57.0

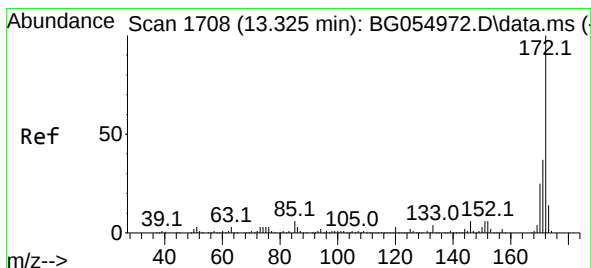
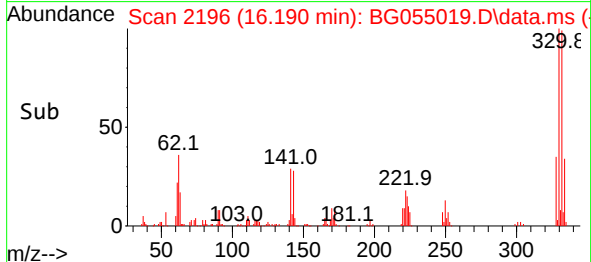
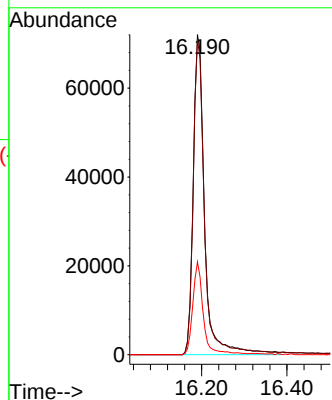
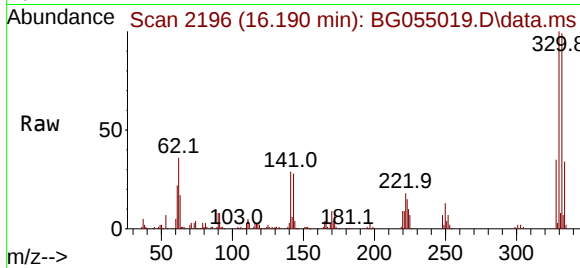




#42
2,4,6-Tribromophenol
Concen: 99.749 ng
RT: 16.190 min Scan# 2197
Delta R.T. -0.008 min
Lab File: BG055019.D
Acq: 23 Sep 2022 19:31

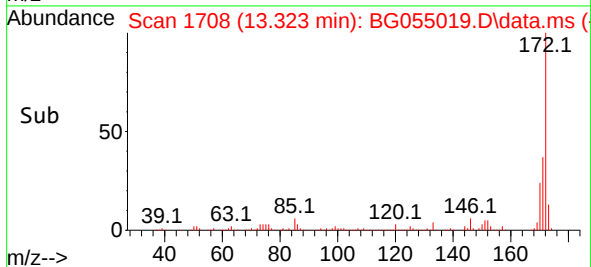
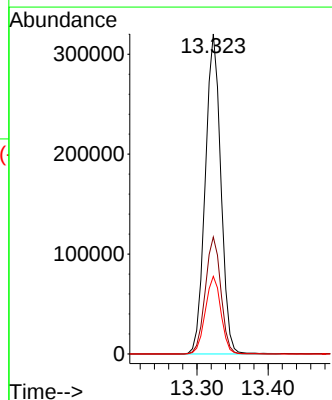
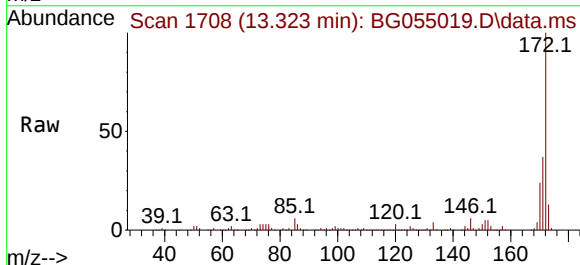
Instrument :
BNA_G
ClientSampleId :
PE-5D

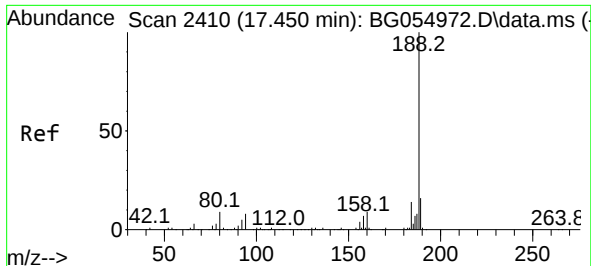
Tgt Ion:330 Resp: 134022
Ion Ratio Lower Upper
330 100
332 97.8 79.8 119.6
141 26.7 26.8 40.2#



#45
2-Fluorobiphenyl
Concen: 67.135 ng
RT: 13.323 min Scan# 1708
Delta R.T. -0.002 min
Lab File: BG055019.D
Acq: 23 Sep 2022 19:31

Tgt Ion:172 Resp: 488570
Ion Ratio Lower Upper
172 100
171 36.6 31.2 46.8
170 24.3 20.6 30.8

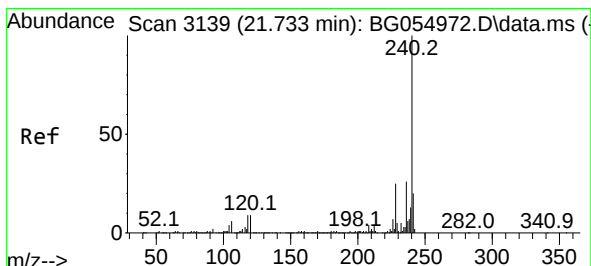
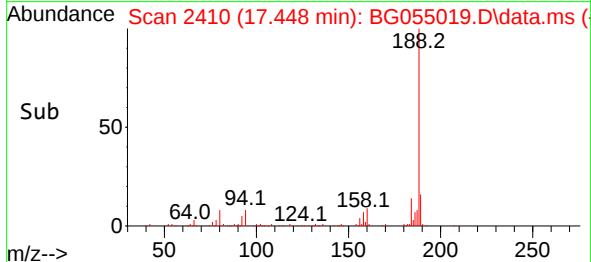
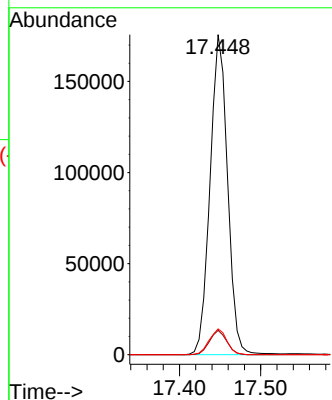
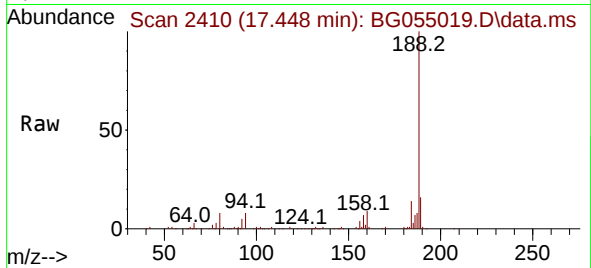




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.448 min Scan# 2410
Delta R.T. -0.002 min
Lab File: BG055019.D
Acq: 23 Sep 2022 19:31

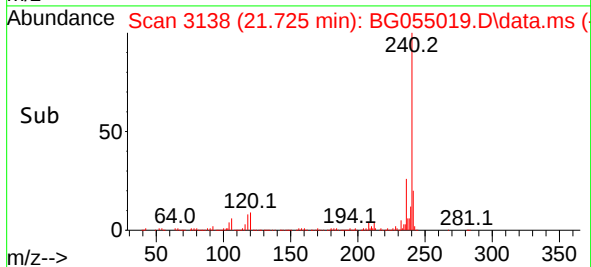
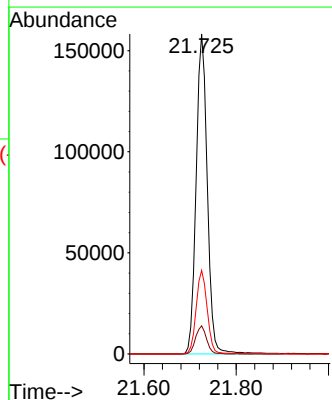
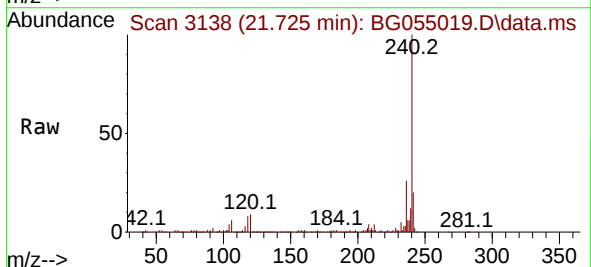
Instrument :
BNA_G
ClientSampleId :
PE-5D

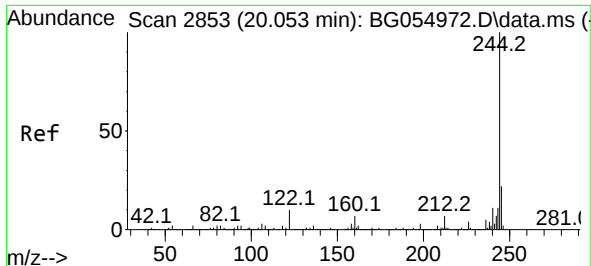
Tgt Ion:188 Resp: 262746
Ion Ratio Lower Upper
188 100
94 7.6 7.0 10.4
80 8.1 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.725 min Scan# 3138
Delta R.T. -0.008 min
Lab File: BG055019.D
Acq: 23 Sep 2022 19:31

Tgt Ion:240 Resp: 265706
Ion Ratio Lower Upper
240 100
120 8.8 8.2 12.4
236 26.1 21.2 31.8

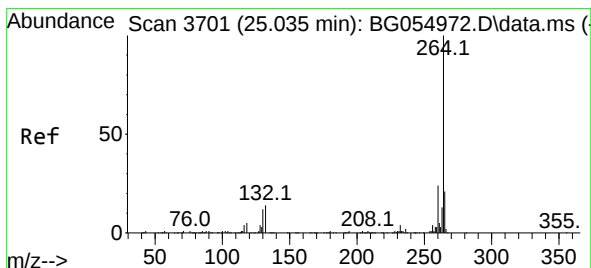
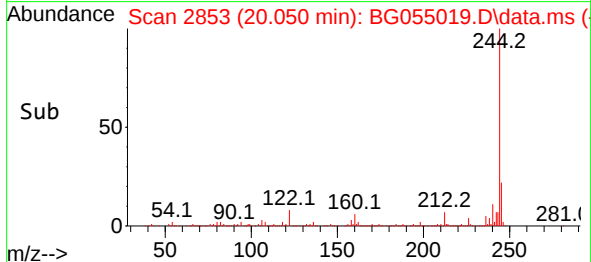
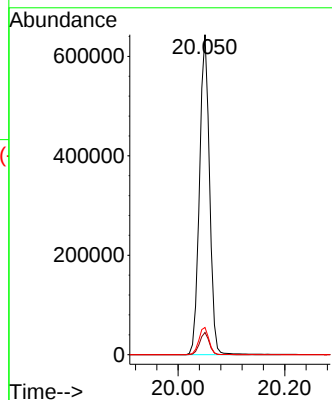
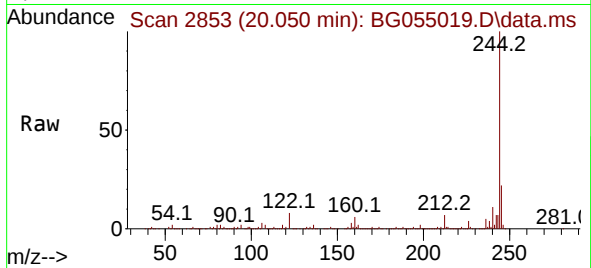




#79
 Terphenyl-d14
 Concen: 66.191 ng
 RT: 20.050 min Scan# 2853
 Delta R.T. -0.002 min
 Lab File: BG055019.D
 Acq: 23 Sep 2022 19:31

Instrument :
 BNA_G
 ClientSampleId :
 PE-5D

Tgt Ion:244 Resp: 840772
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.2
 122 8.5 9.0 13.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.033 min Scan# 3701
 Delta R.T. -0.002 min
 Lab File: BG055019.D
 Acq: 23 Sep 2022 19:31

Tgt Ion:264 Resp: 277058
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.9 29.9
 265 21.5 16.9 25.3

