

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092322\
 Data File : BG055018.D
 Acq On : 23 Sep 2022 18:50
 Operator : CG/JU
 Sample : N4751-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PE-6

Quant Time: Sep 24 02:28:49 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)

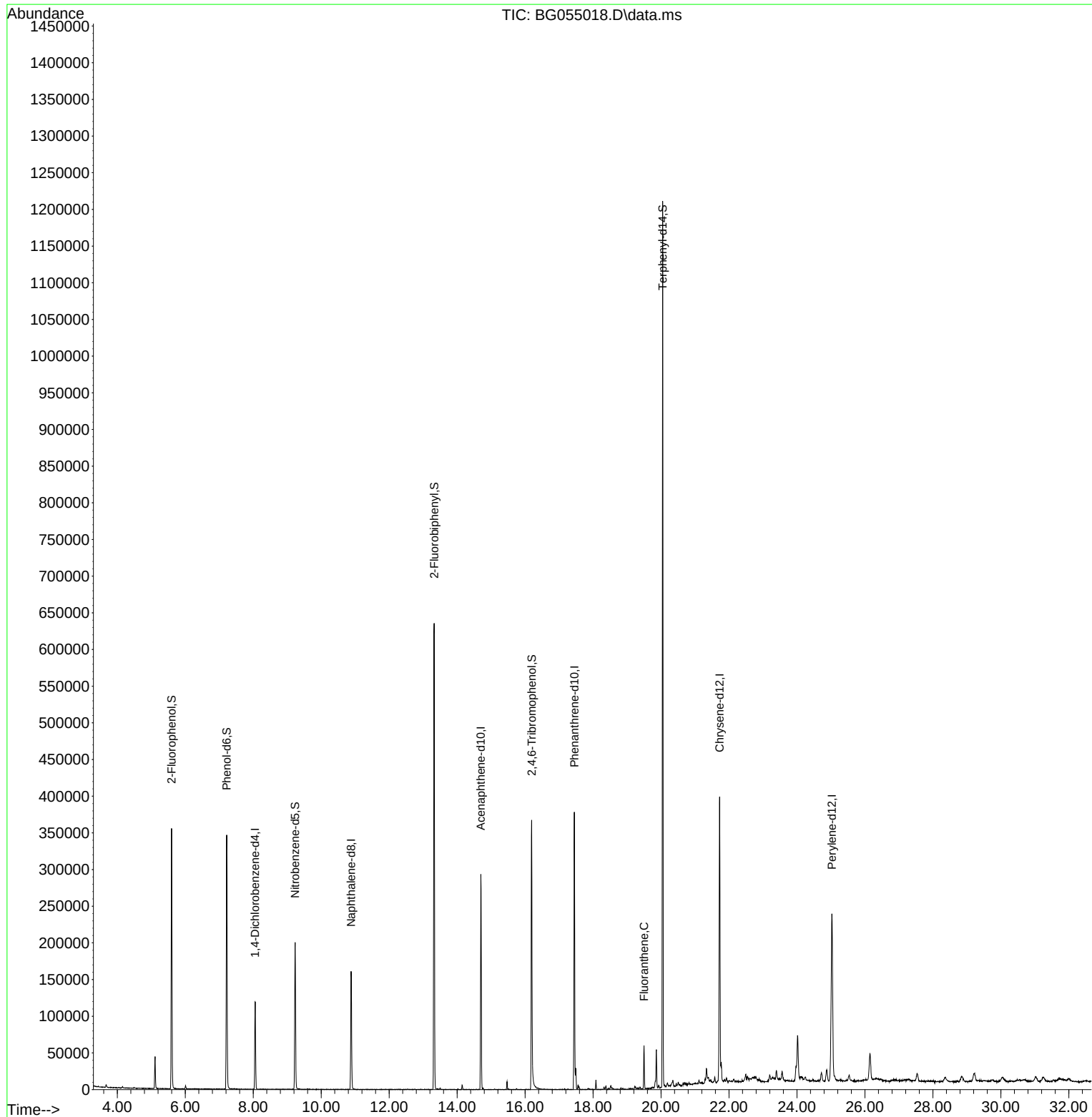
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.054	152	38618	20.000	ng	0.00
21) Naphthalene-d8	10.880	136	154737	20.000	ng	# 0.00
39) Acenaphthene-d10	14.699	164	109461	20.000	ng	0.00
64) Phenanthrene-d10	17.449	188	254289	20.000	ng	# 0.00
76) Chrysene-d12	21.726	240	253495	20.000	ng	0.00
86) Perylene-d12	25.028	264	265178	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	178031	90.204	ng	0.00
7) Phenol-d6	7.220	99	236009	89.214	ng	0.00
23) Nitrobenzene-d5	9.235	82	134887	50.526	ng	0.00
42) 2,4,6-Tribromophenol	16.192	330	100819	78.622	ng	0.00
45) 2-Fluorobiphenyl	13.325	172	372985	53.701	ng	0.00
79) Terphenyl-d14	20.046	244	636118	52.492	ng	0.00
Target Compounds						
75) Fluoranthene	19.500	202	39740	2.423	ng	Qvalue 97

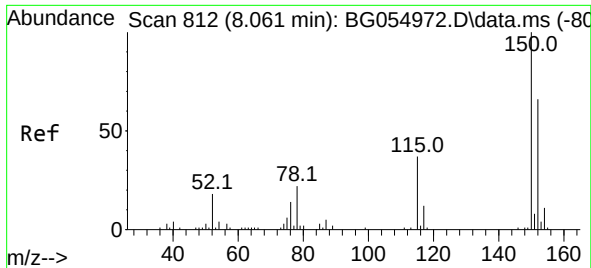
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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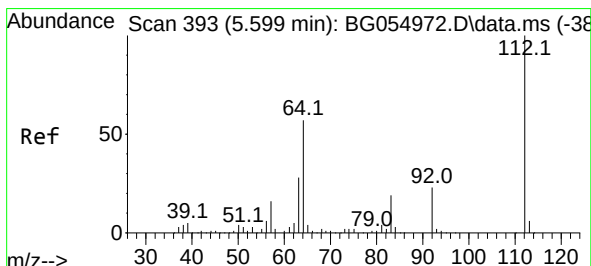
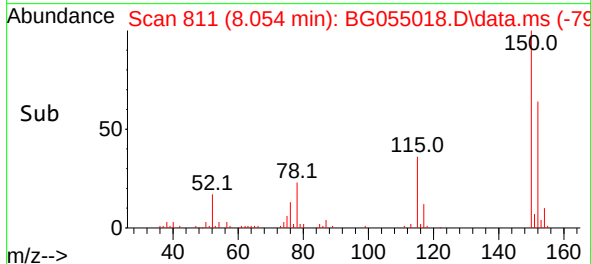
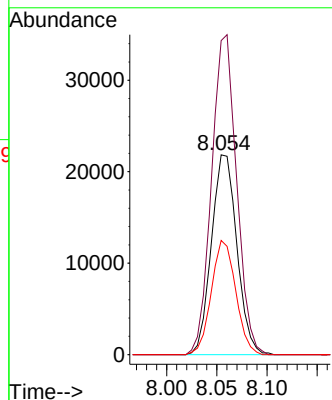
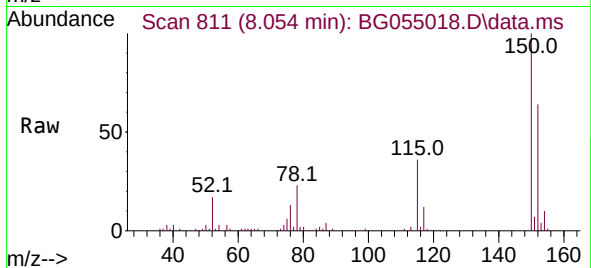




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.054 min Scan# 812
Delta R.T. -0.007 min
Lab File: BG055018.D
Acq: 23 Sep 2022 18:50

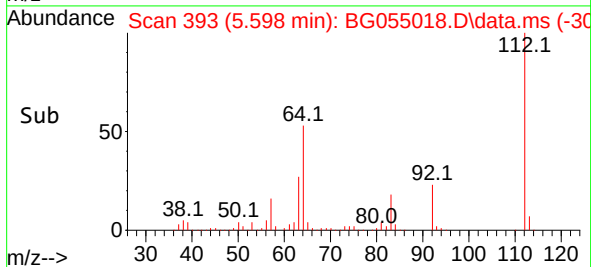
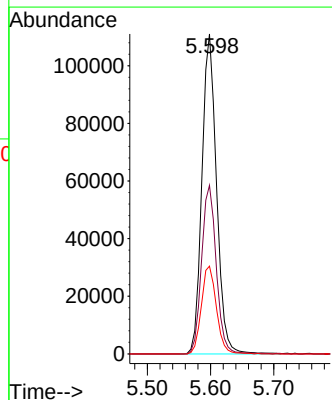
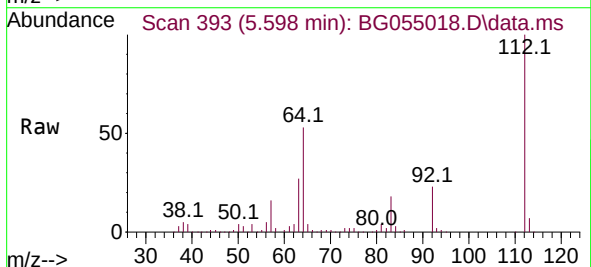
Instrument :
BNA_G
ClientSampleId :
PE-6

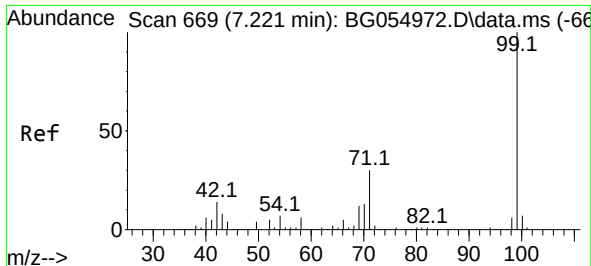
Tgt Ion:152 Resp: 38618
Ion Ratio Lower Upper
152 100
150 157.2 125.2 187.8
115 57.2 47.9 71.9



#5
2-Fluorophenol
Concen: 90.204 ng
RT: 5.598 min Scan# 393
Delta R.T. -0.001 min
Lab File: BG055018.D
Acq: 23 Sep 2022 18:50

Tgt Ion:112 Resp: 178031
Ion Ratio Lower Upper
112 100
64 52.7 49.3 73.9
63 27.4 26.3 39.5

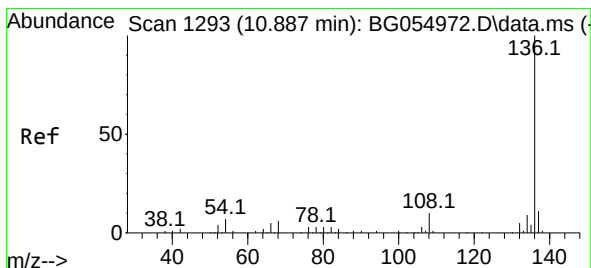
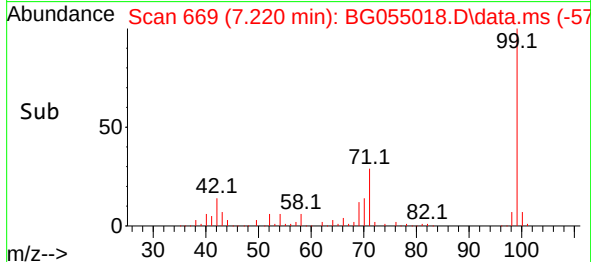
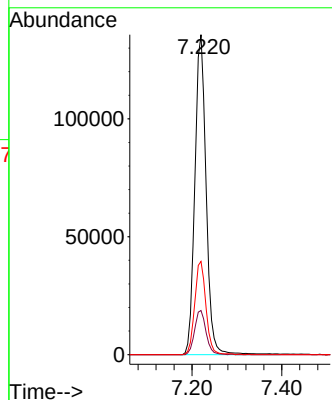
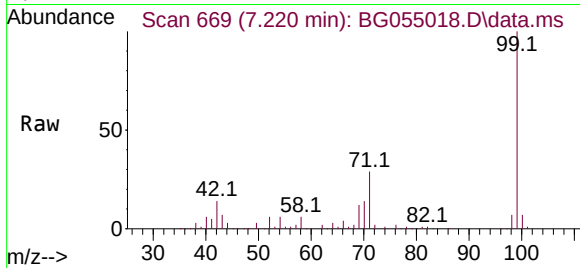




#7
Phenol-d6
Concen: 89.214 ng
RT: 7.220 min Scan# 669
Delta R.T. -0.001 min
Lab File: BG055018.D
Acq: 23 Sep 2022 18:50

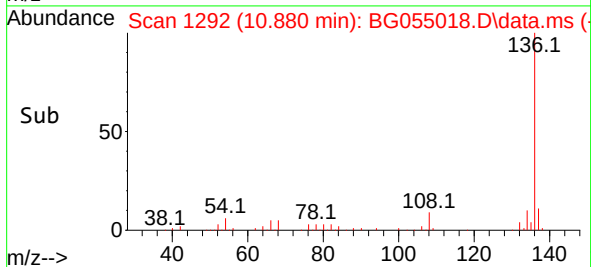
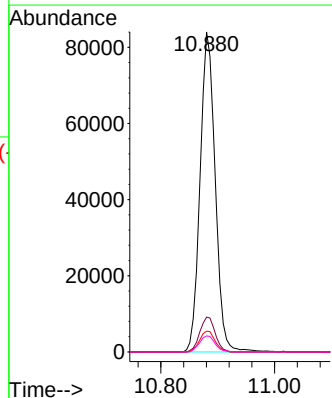
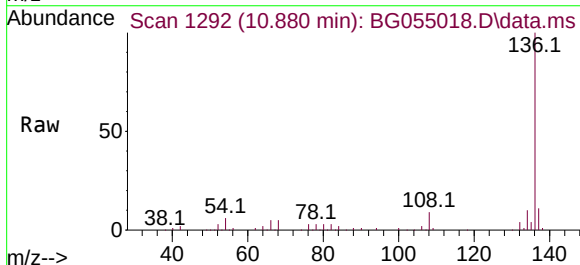
Instrument :
BNA_G
ClientSampleId :
PE-6

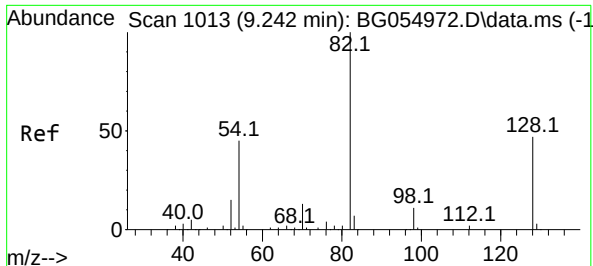
Tgt Ion: 99 Resp: 236009
Ion Ratio Lower Upper
99 100
42 13.8 14.6 22.0#
71 29.1 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.880 min Scan# 1292
Delta R.T. -0.007 min
Lab File: BG055018.D
Acq: 23 Sep 2022 18:50

Tgt Ion: 136 Resp: 154737
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 6.5 7.7 11.5#
68 5.0 5.6 8.4#

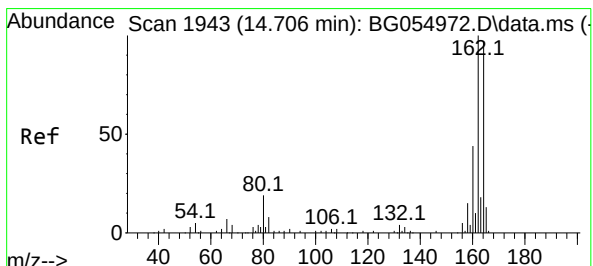
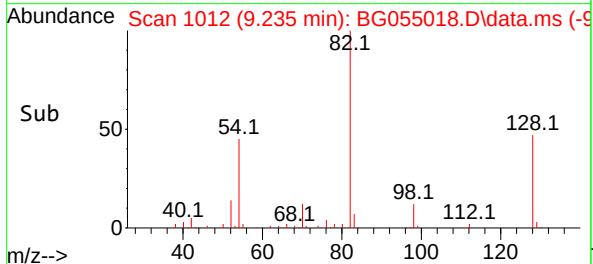
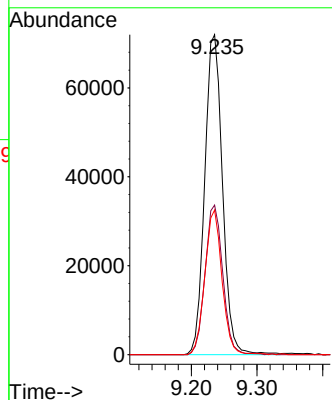
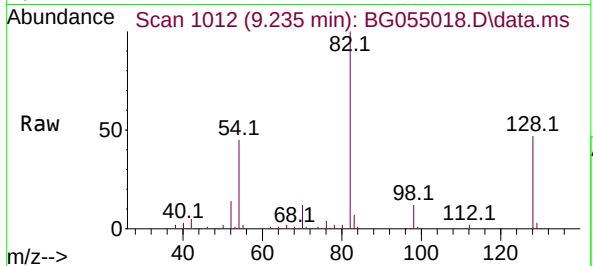




#23
 Nitrobenzene-d5
 Concen: 50.526 ng
 RT: 9.235 min Scan# 1013
 Delta R.T. -0.007 min
 Lab File: BG055018.D
 Acq: 23 Sep 2022 18:50

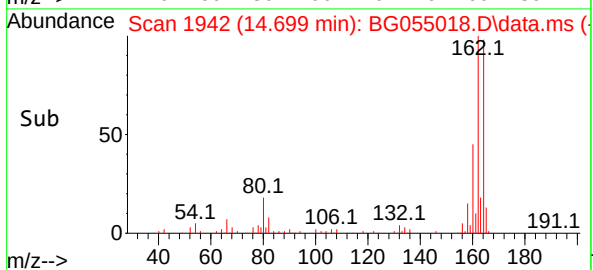
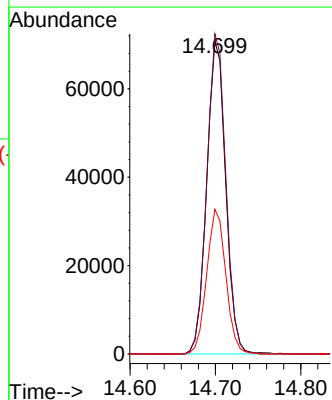
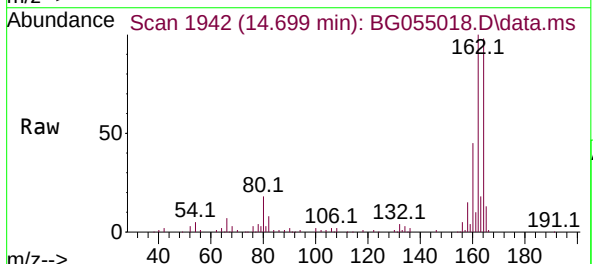
Instrument :
 BNA_G
 ClientSampleId :
 PE-6

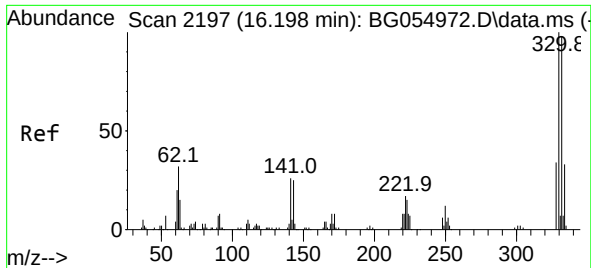
Tgt Ion: 82 Resp: 134887
 Ion Ratio Lower Upper
 82 100
 128 46.7 32.2 48.2
 54 45.2 41.4 62.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.699 min Scan# 1942
 Delta R.T. -0.007 min
 Lab File: BG055018.D
 Acq: 23 Sep 2022 18:50

Tgt Ion: 164 Resp: 109461
 Ion Ratio Lower Upper
 164 100
 162 102.3 83.0 124.4
 160 46.2 38.0 57.0

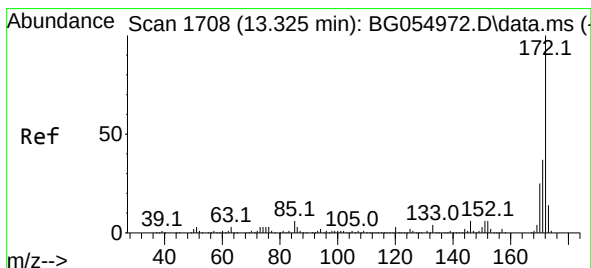
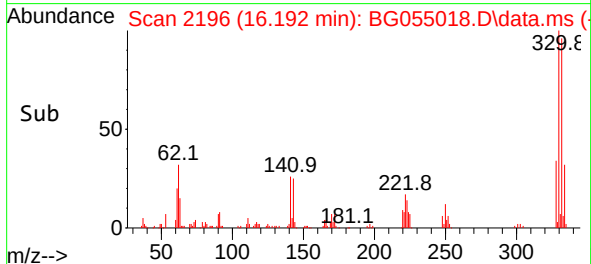
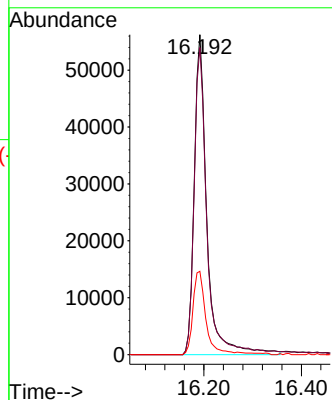
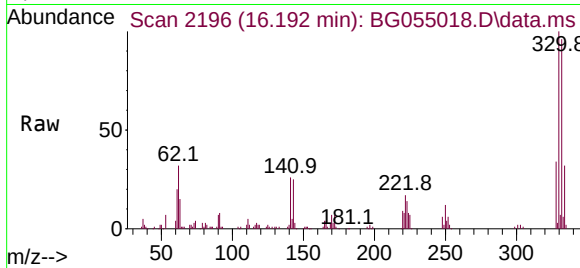




#42
2,4,6-Tribromophenol
Concen: 78.622 ng
RT: 16.192 min Scan# 2196
Delta R.T. -0.007 min
Lab File: BG055018.D
Acq: 23 Sep 2022 18:50

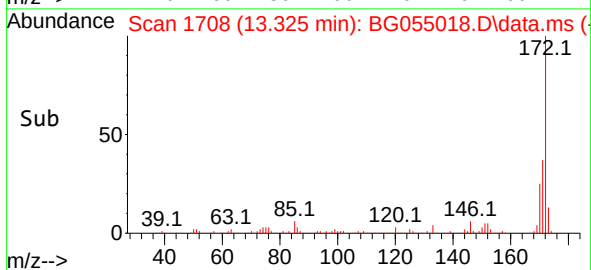
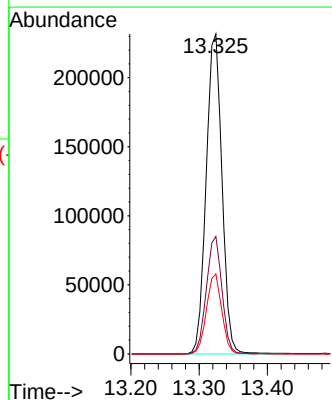
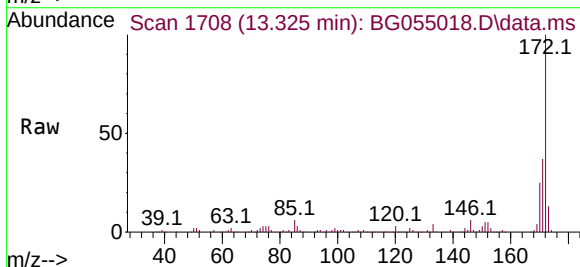
Instrument :
BNA_G
ClientSampleId :
PE-6

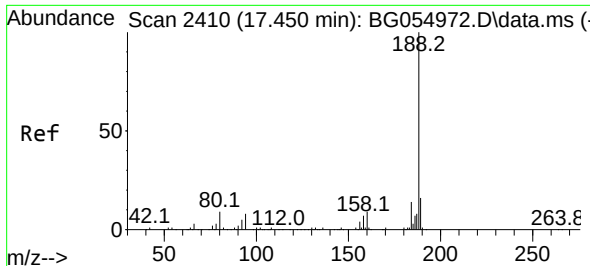
Tgt Ion:330 Resp: 100819
Ion Ratio Lower Upper
330 100
332 96.5 79.8 119.6
141 26.2 26.8 40.2#



#45
2-Fluorobiphenyl
Concen: 53.701 ng
RT: 13.325 min Scan# 1708
Delta R.T. -0.001 min
Lab File: BG055018.D
Acq: 23 Sep 2022 18:50

Tgt Ion:172 Resp: 372985
Ion Ratio Lower Upper
172 100
171 36.7 31.2 46.8
170 25.0 20.6 30.8

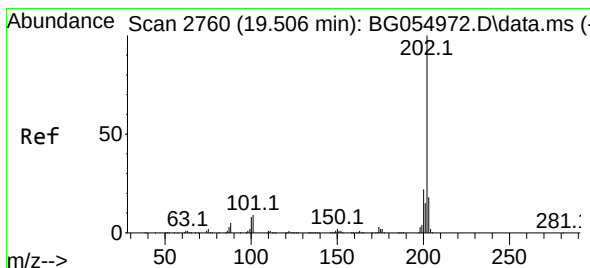
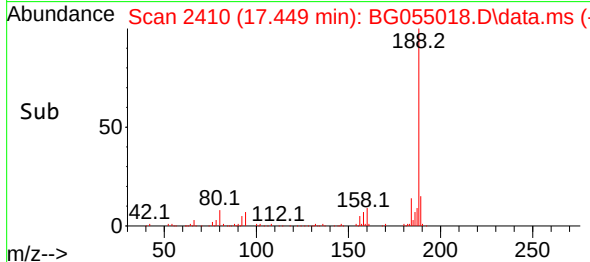
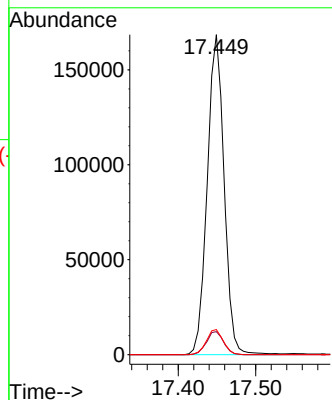
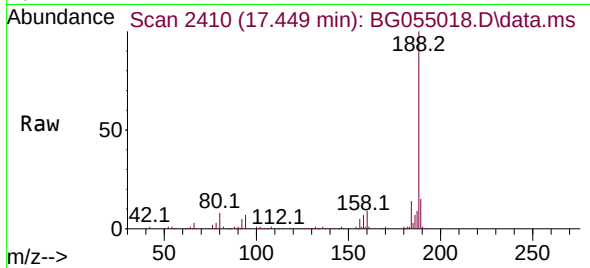




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.449 min Scan# 2410
Delta R.T. -0.001 min
Lab File: BG055018.D
Acq: 23 Sep 2022 18:50

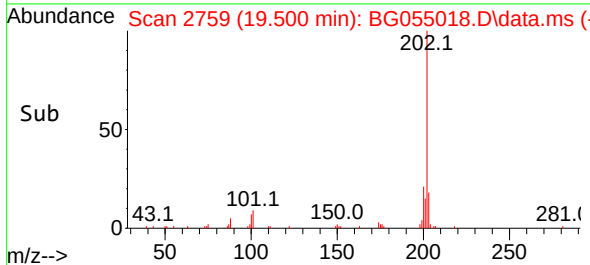
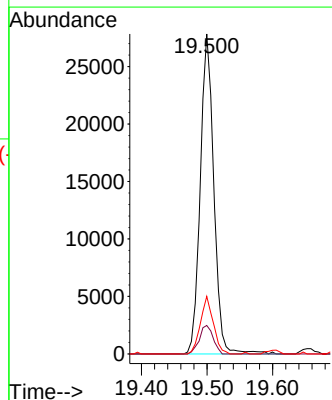
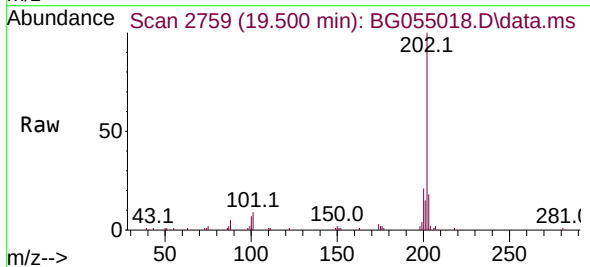
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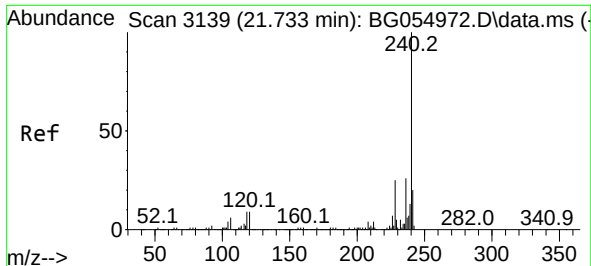
Tgt Ion:188 Resp: 254289
Ion Ratio Lower Upper
188 100
94 7.2 7.0 10.4
80 7.8 7.9 11.9#



#75
Fluoranthene
Concen: 2.423 ng
RT: 19.500 min Scan# 2759
Delta R.T. -0.007 min
Lab File: BG055018.D
Acq: 23 Sep 2022 18:50

Tgt Ion:202 Resp: 39740
Ion Ratio Lower Upper
202 100
101 8.9 0.0 31.4
203 18.0 0.0 38.6

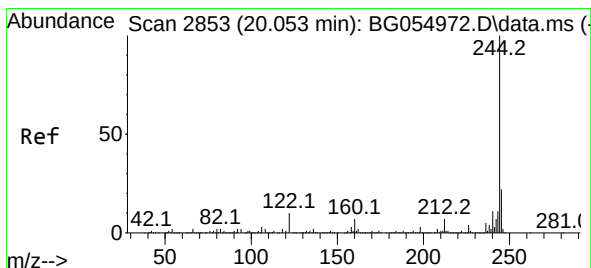
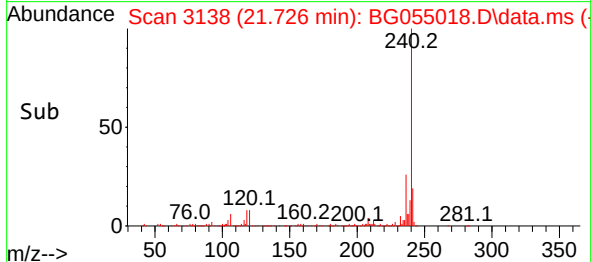
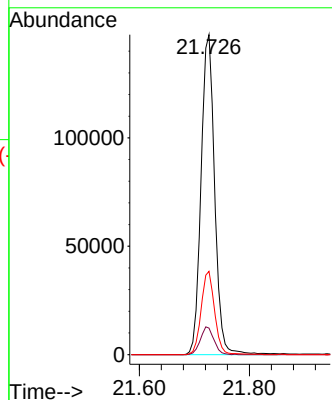
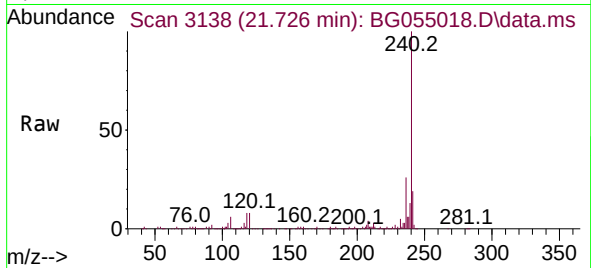




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.726 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG055018.D
Acq: 23 Sep 2022 18:50

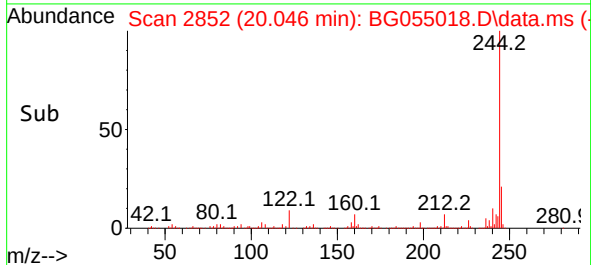
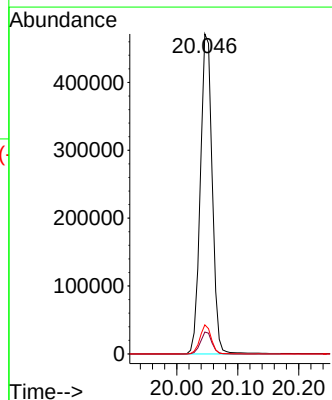
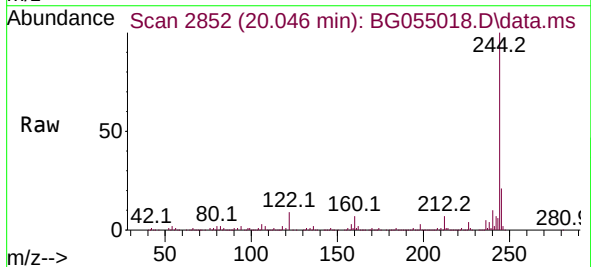
Instrument :
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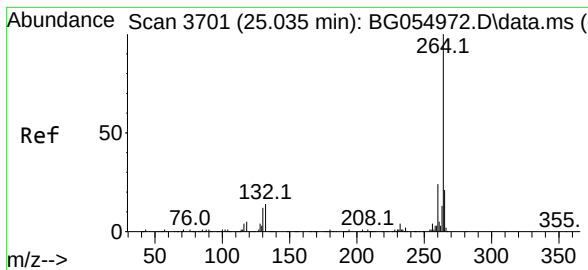
Tgt Ion:240 Resp: 253495
Ion Ratio Lower Upper
240 100
120 8.3 8.2 12.4
236 26.0 21.2 31.8



#79
Terphenyl-d14
Concen: 52.492 ng
RT: 20.046 min Scan# 2852
Delta R.T. -0.007 min
Lab File: BG055018.D
Acq: 23 Sep 2022 18:50

Tgt Ion:244 Resp: 636118
Ion Ratio Lower Upper
244 100
212 6.9 6.2 9.2
122 9.1 9.0 13.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.028 min Scan# 31
 Delta R.T. -0.007 min
 Lab File: BG055018.D
 Acq: 23 Sep 2022 18:50

Instrument :
 BNA_G
 ClientSampleId :
 PE-6

Tgt Ion:264 Resp: 265178

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.9	29.9
265	21.5	16.9	25.3

