

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092122\
 Data File : BG055002.D
 Acq On : 21 Sep 2022 20:46
 Operator : CG/JU
 Sample : N4723-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-27-COMP

Quant Time: Sep 22 04:44:39 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	8.060	152	36230	20.000	ng	0.00
21) Naphthalene-d8	10.886	136	145670	20.000	ng	# 0.00
39) Acenaphthene-d10	14.699	164	101510	20.000	ng	0.00
64) Phenanthrene-d10	17.449	188	250570	20.000	ng	0.00
76) Chrysene-d12	21.720	240	263459	20.000	ng	-0.01
86) Perylene-d12	25.022	264	277103	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	214293	115.734	ng	0.00
7) Phenol-d6	7.220	99	280412	112.986	ng	0.00
23) Nitrobenzene-d5	9.235	82	160272	63.772	ng	0.00
42) 2,4,6-Tribromophenol	16.191	330	126922	106.730	ng	0.00
45) 2-Fluorobiphenyl	13.324	172	434134	67.401	ng	0.00
79) Terphenyl-d14	20.052	244	817177	64.882	ng	0.00

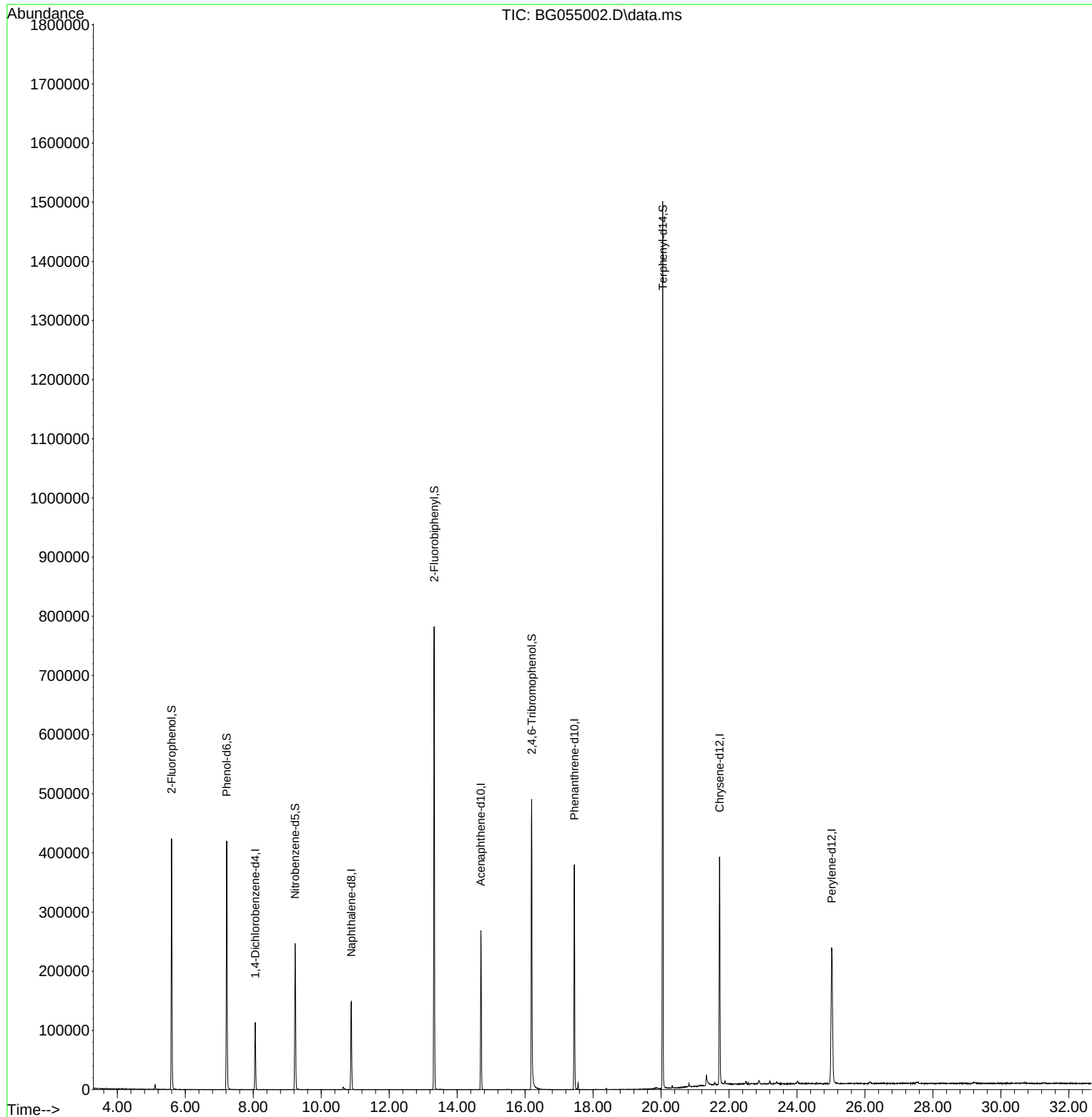
Target Compounds Qvalue

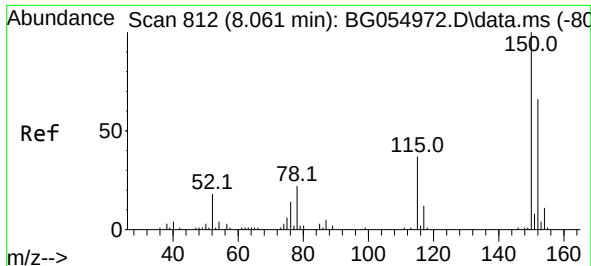
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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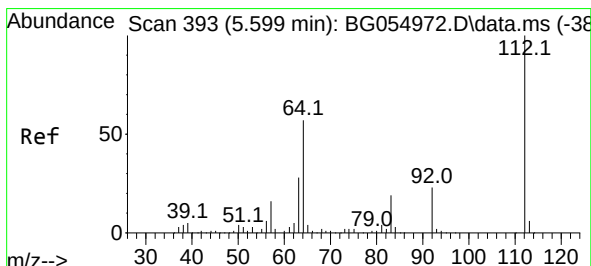
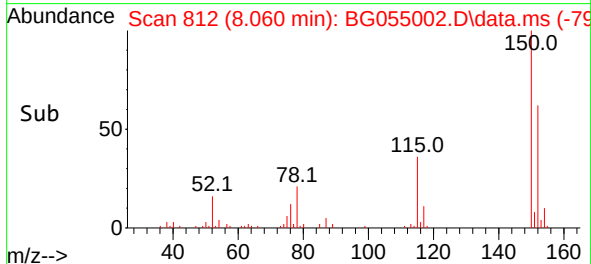
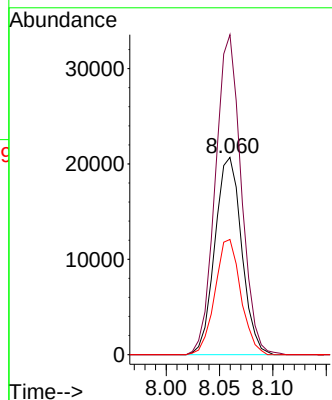
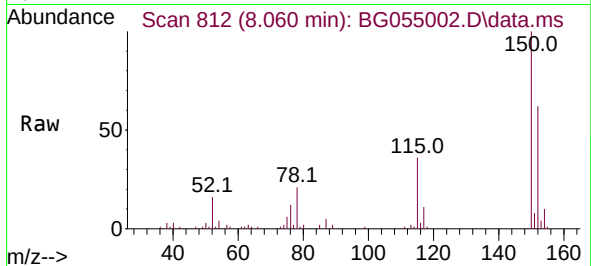




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.060 min Scan# 812
Delta R.T. -0.001 min
Lab File: BG055002.D
Acq: 21 Sep 2022 20:46

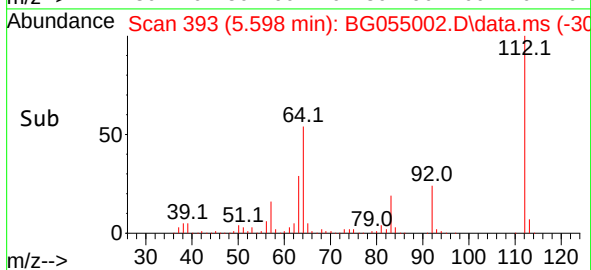
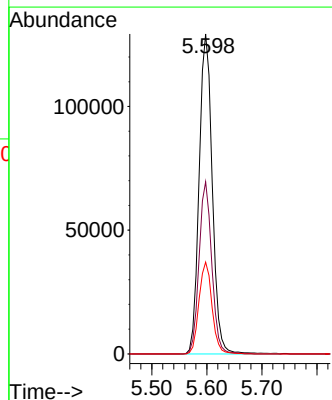
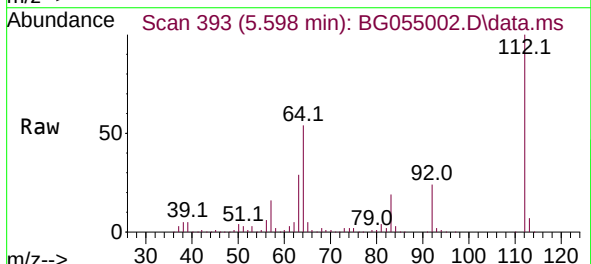
Instrument :
BNA_G
ClientSampleId :
SB-27-COMP

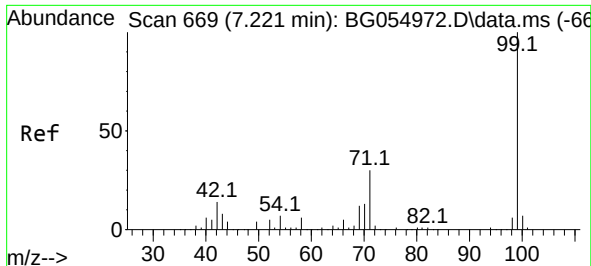
Tgt Ion:152 Resp: 36230
Ion Ratio Lower Upper
152 100
150 162.3 125.2 187.8
115 58.4 47.9 71.9



#5
2-Fluorophenol
Concen: 115.734 ng
RT: 5.598 min Scan# 393
Delta R.T. -0.001 min
Lab File: BG055002.D
Acq: 21 Sep 2022 20:46

Tgt Ion:112 Resp: 214293
Ion Ratio Lower Upper
112 100
64 53.8 49.3 73.9
63 28.7 26.3 39.5

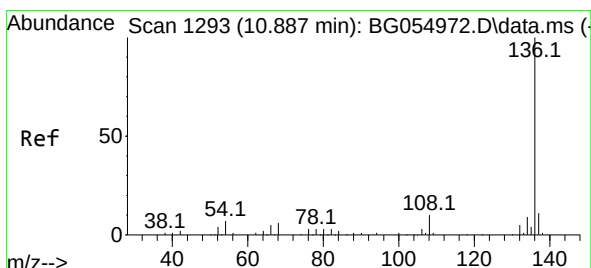
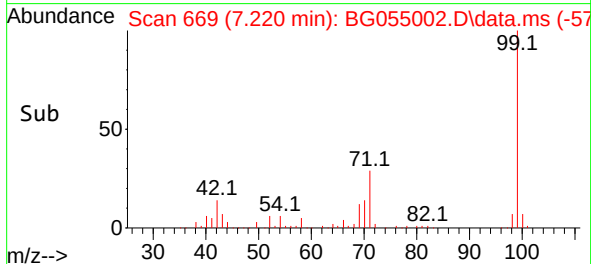
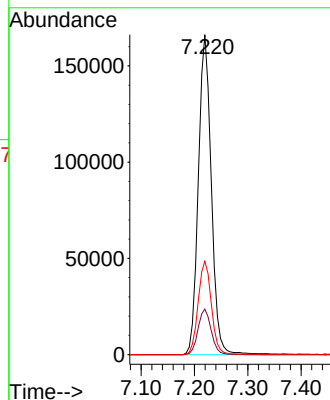
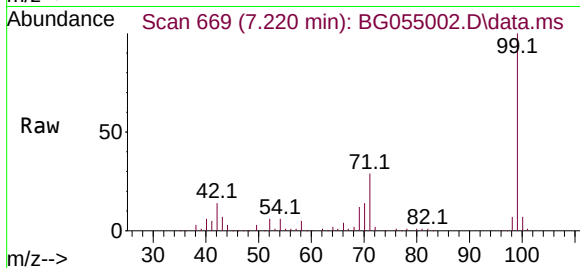




#7
Phenol-d6
Concen: 112.986 ng
RT: 7.220 min Scan# 669
Delta R.T. -0.001 min
Lab File: BG055002.D
Acq: 21 Sep 2022 20:46

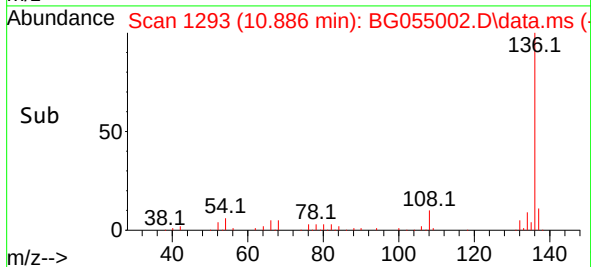
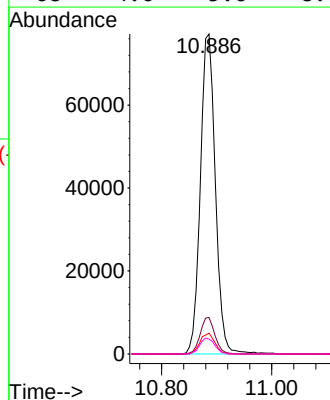
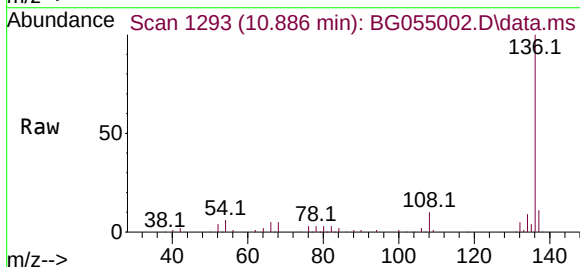
Instrument :
BNA_G
ClientSampleId :
SB-27-COMP

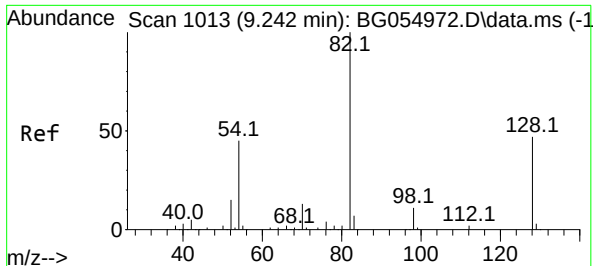
Tgt Ion: 99 Resp: 280412
Ion Ratio Lower Upper
99 100
42 14.3 14.6 22.0#
71 29.2 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.886 min Scan# 1293
Delta R.T. -0.001 min
Lab File: BG055002.D
Acq: 21 Sep 2022 20:46

Tgt Ion: 136 Resp: 145670
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 6.5 7.7 11.5#
68 4.6 5.6 8.4#





#23

Nitrobenzene-d5

Concen: 63.772 ng

RT: 9.235 min Scan# 1012

Delta R.T. -0.007 min

Lab File: BG055002.D

Acq: 21 Sep 2022 20:46

Instrument :

BNA_G

ClientSampleId :

SB-27-COMP

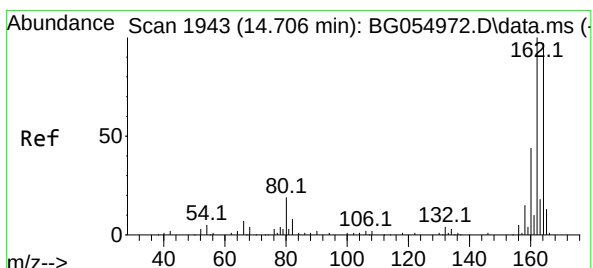
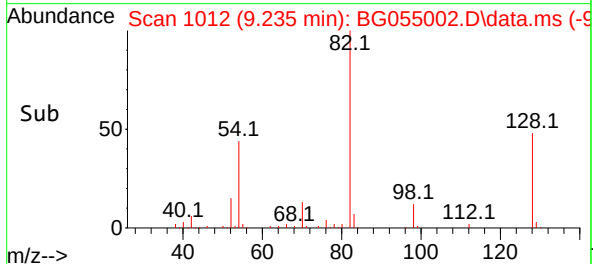
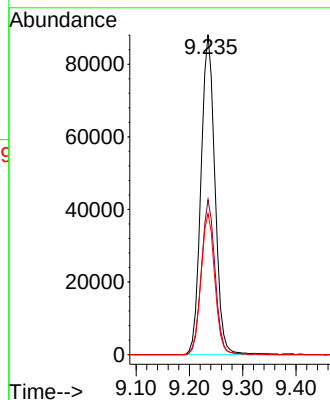
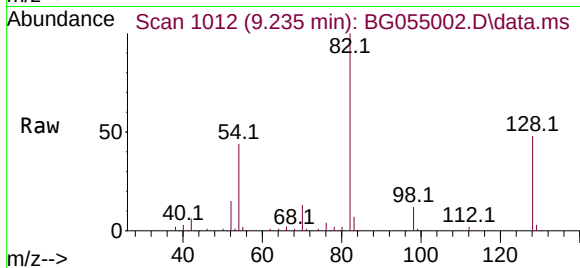
Tgt Ion: 82 Resp: 160272

Ion Ratio Lower Upper

82 100

128 48.4 32.2 48.2#

54 44.0 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: BG055002.D

Acq: 21 Sep 2022 20:46

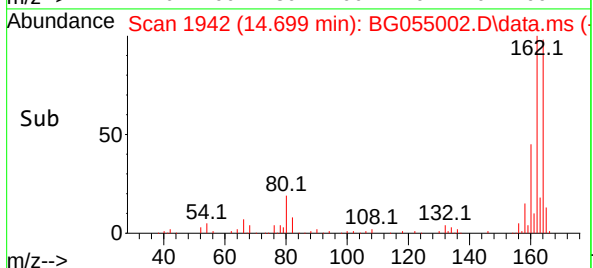
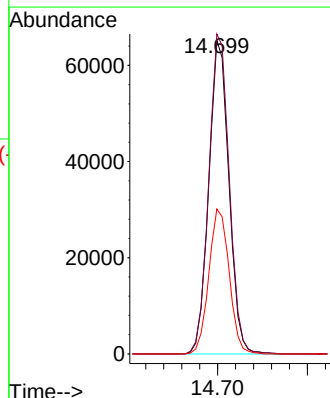
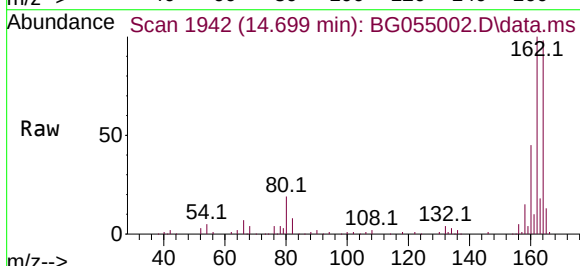
Tgt Ion:164 Resp: 101510

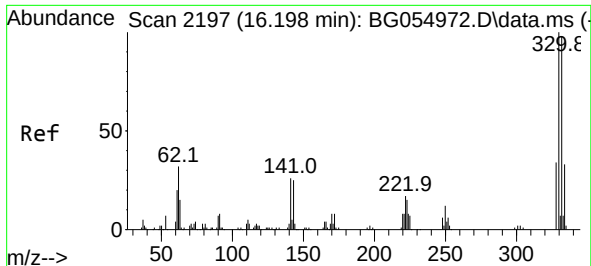
Ion Ratio Lower Upper

164 100

162 102.1 83.0 124.4

160 46.2 38.0 57.0

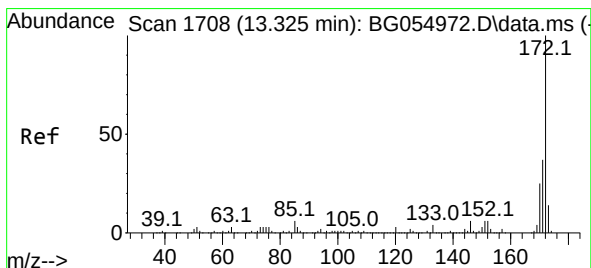
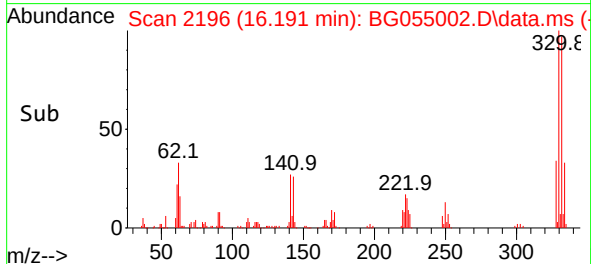
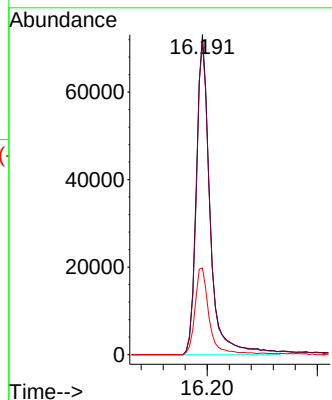
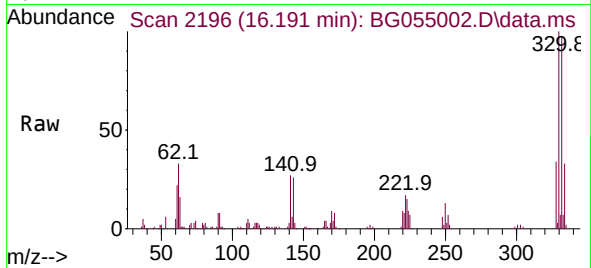




#42
 2,4,6-Tribromophenol
 Concen: 106.730 ng
 RT: 16.191 min Scan# 2197
 Delta R.T. -0.007 min
 Lab File: BG055002.D
 Acq: 21 Sep 2022 20:46

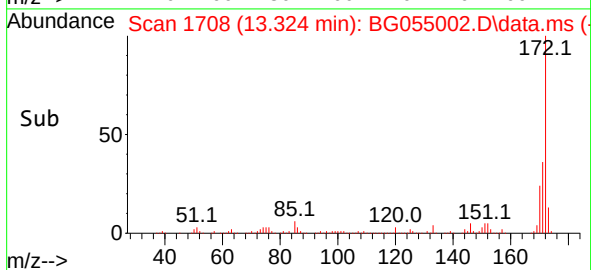
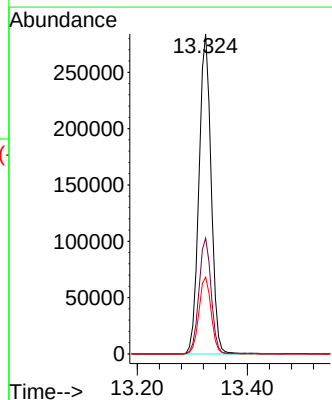
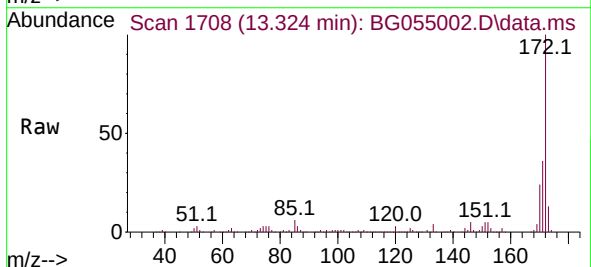
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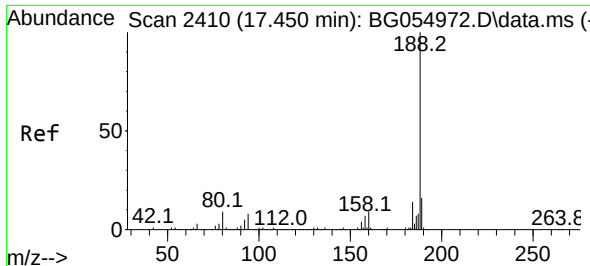
Tgt Ion:330 Resp: 126922
 Ion Ratio Lower Upper
 330 100
 332 98.1 79.8 119.6
 141 27.8 26.8 40.2



#45
 2-Fluorobiphenyl
 Concen: 67.401 ng
 RT: 13.324 min Scan# 1708
 Delta R.T. -0.001 min
 Lab File: BG055002.D
 Acq: 21 Sep 2022 20:46

Tgt Ion:172 Resp: 434134
 Ion Ratio Lower Upper
 172 100
 171 36.2 31.2 46.8
 170 24.0 20.6 30.8

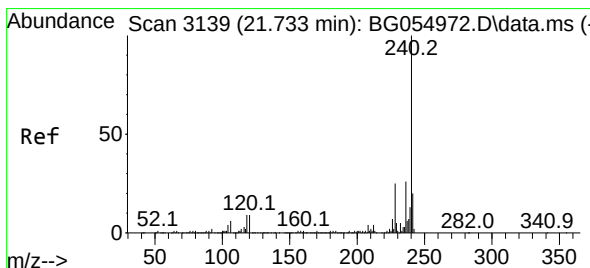
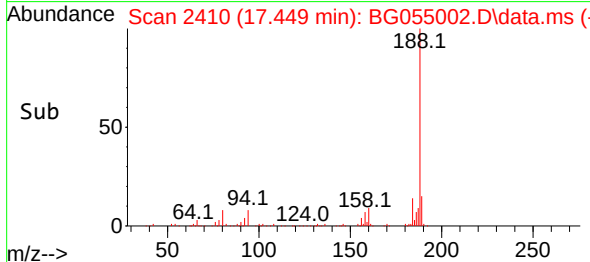
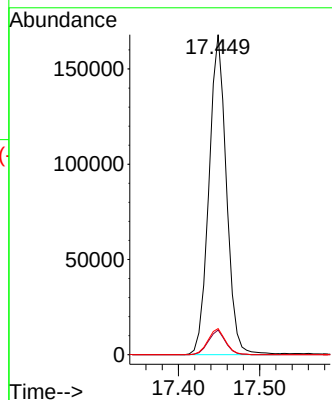
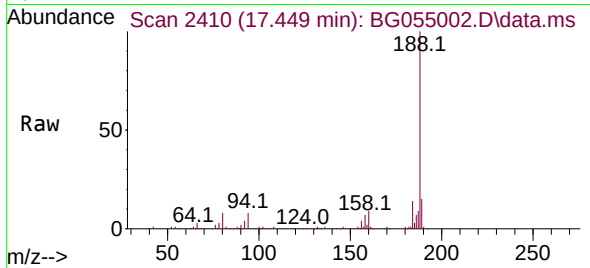




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.449 min Scan# 2410
Delta R.T. -0.001 min
Lab File: BG055002.D
Acq: 21 Sep 2022 20:46

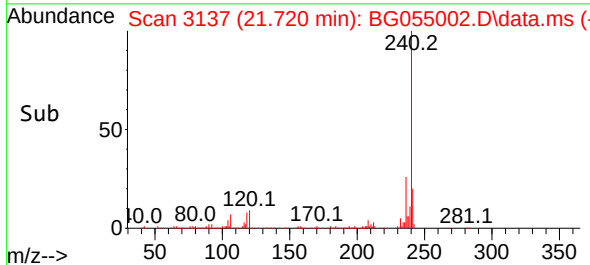
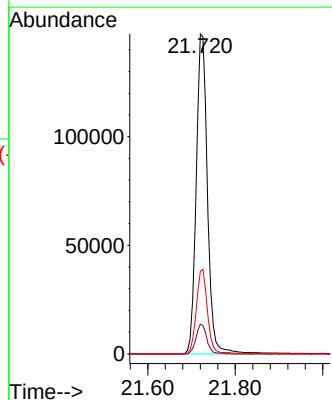
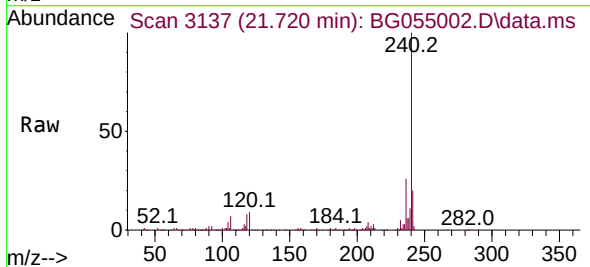
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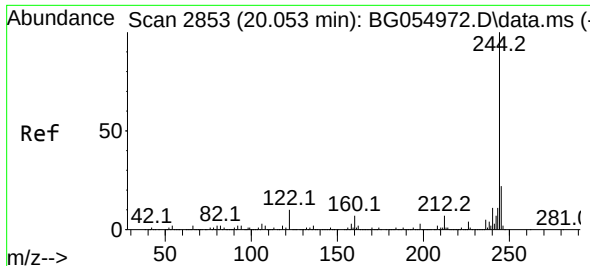
Tgt Ion:188 Resp: 250570
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.4
80 8.1 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.720 min Scan# 3137
Delta R.T. -0.013 min
Lab File: BG055002.D
Acq: 21 Sep 2022 20:46

Tgt Ion:240 Resp: 263459
Ion Ratio Lower Upper
240 100
120 9.3 8.2 12.4
236 25.9 21.2 31.8

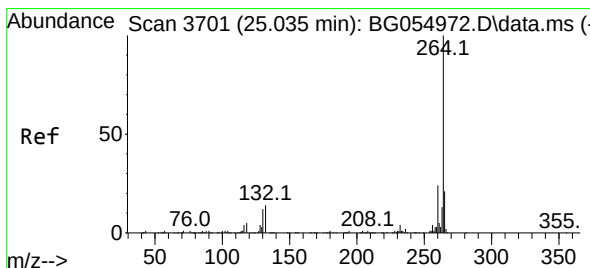
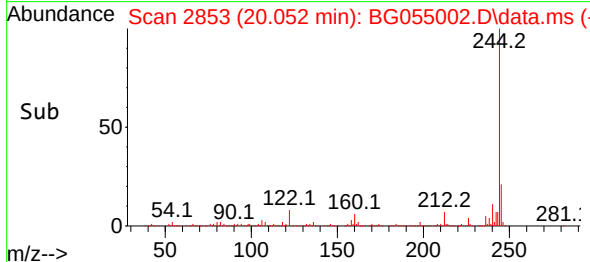
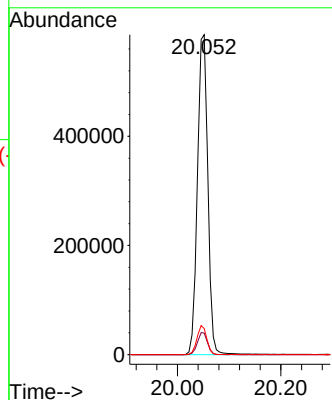
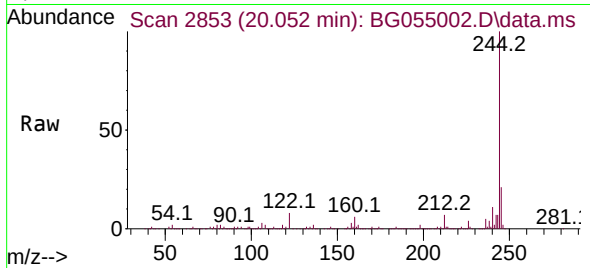




#79
 Terphenyl-d14
 Concen: 64.882 ng
 RT: 20.052 min Scan# 2853
 Delta R.T. -0.001 min
 Lab File: BG055002.D
 Acq: 21 Sep 2022 20:46

Instrument :
 BNA_G
 ClientSampleId :
 SB-27-COMP

Tgt Ion:244 Resp: 817177
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.2 9.2
 122 8.1 9.0 13.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.022 min Scan# 3699
 Delta R.T. -0.013 min
 Lab File: BG055002.D
 Acq: 21 Sep 2022 20:46

Tgt Ion:264 Resp: 277103
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.9 29.9
 265 21.0 16.9 25.3

