

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112122\
 Data File : BG055710.D
 Acq On : 21 Nov 2022 11:11
 Operator : CG/JU
 Sample : PB149157BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149157BL

Quant Time: Nov 22 02:00:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

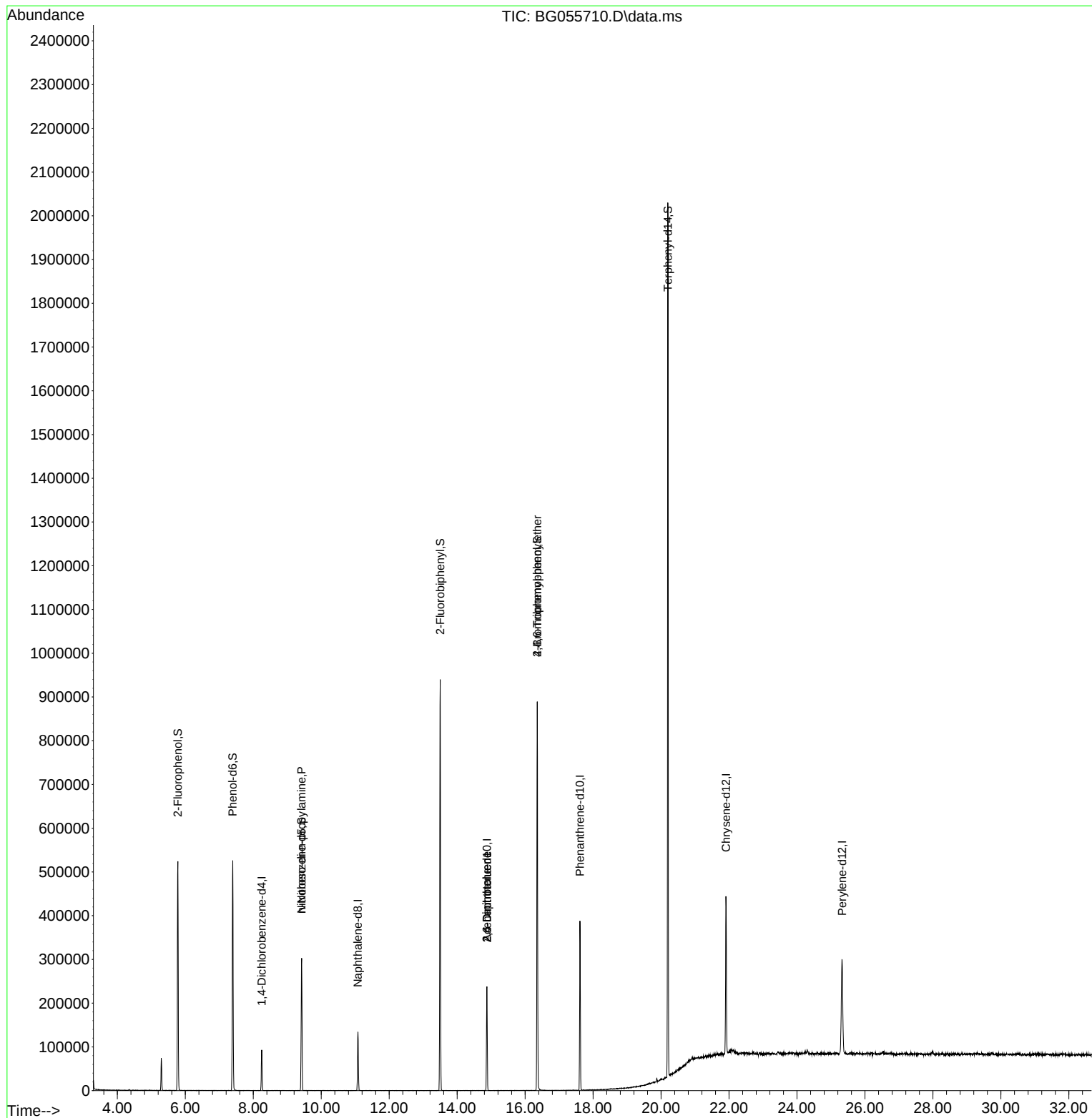
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.247	152	26790	20.000	ng	0.00
21) Naphthalene-d8	11.079	136	113824	20.000	ng	0.00
39) Acenaphthene-d10	14.875	164	91408	20.000	ng	0.00
64) Phenanthrene-d10	17.613	188	246391	20.000	ng	0.00
76) Chrysene-d12	21.907	240	232819	20.000	ng	-0.01
86) Perylene-d12	25.327	264	245322	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.779	112	221556	149.484	ng	0.00
7) Phenol-d6	7.395	99	286706	145.317	ng	0.00
23) Nitrobenzene-d5	9.422	82	177785	82.555	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	190913	148.323	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	494084	80.978	ng	0.00
79) Terphenyl-d14	20.204	244	1046434	89.898	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.422	70	24373	16.078	ng	# 76
51) 2,6-Dinitrotoluene	14.875	165	12113	8.130	ng	# 24
57) 2,4-Dinitrotoluene	14.875	165	12113	5.766	ng	# 22
67) 4-Bromophenyl-phenylether	16.355	248	12158	4.331	ng	# 1

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

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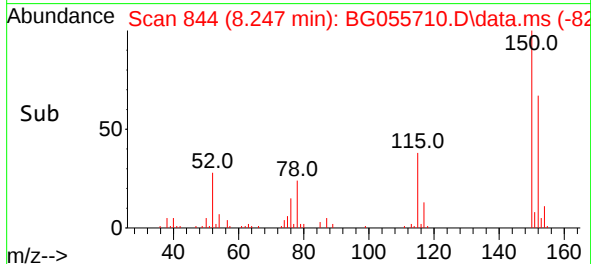
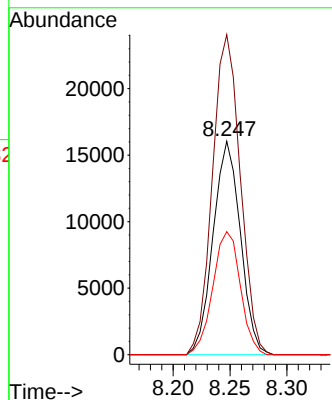
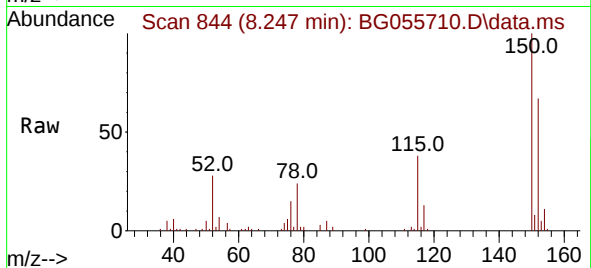




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.247 min Scan# 845
Delta R.T. -0.006 min
Lab File: BG055710.D
Acq: 21 Nov 2022 11:11

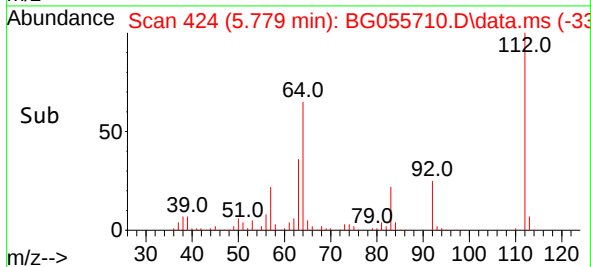
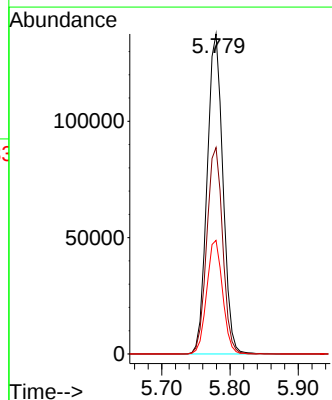
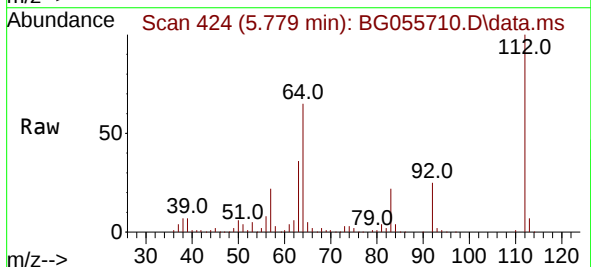
Instrument :
BNA_G
ClientSampleId :
PB149157BL

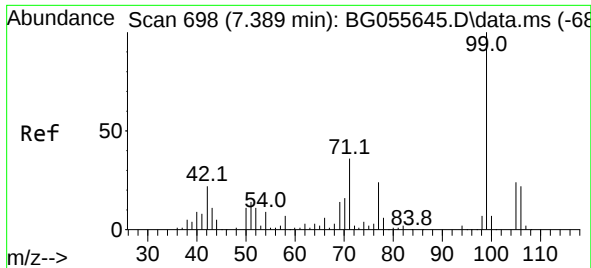
Tgt Ion:152 Resp: 26790
Ion Ratio Lower Upper
152 100
150 150.0 123.0 184.6
115 57.7 47.0 70.4



#5
2-Fluorophenol
Concen: 149.484 ng
RT: 5.779 min Scan# 424
Delta R.T. 0.000 min
Lab File: BG055710.D
Acq: 21 Nov 2022 11:11

Tgt Ion:112 Resp: 221556
Ion Ratio Lower Upper
112 100
64 64.5 50.6 76.0
63 35.5 27.5 41.3

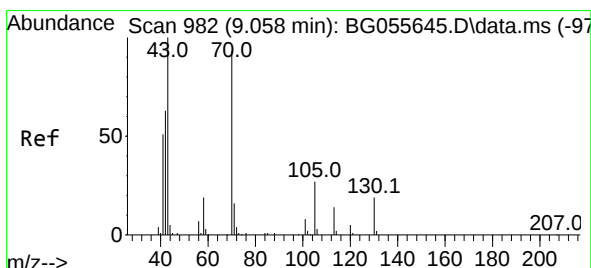
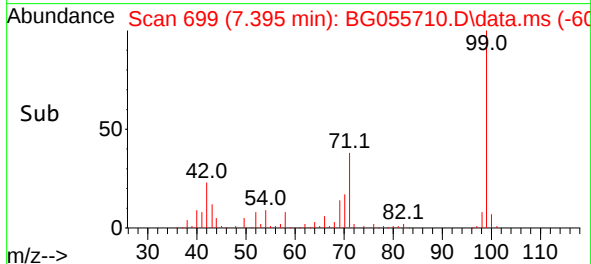
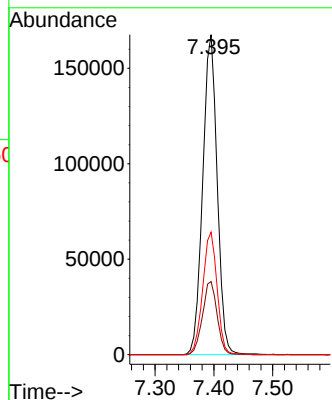
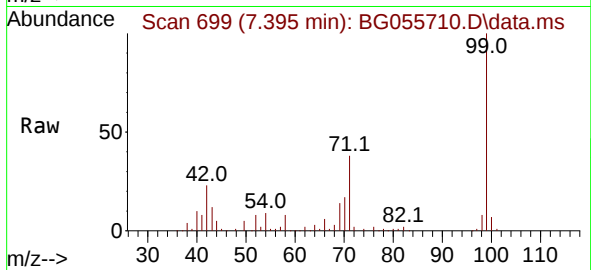




#7
Phenol-d6
Concen: 145.317 ng
RT: 7.395 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG055710.D
Acq: 21 Nov 2022 11:11

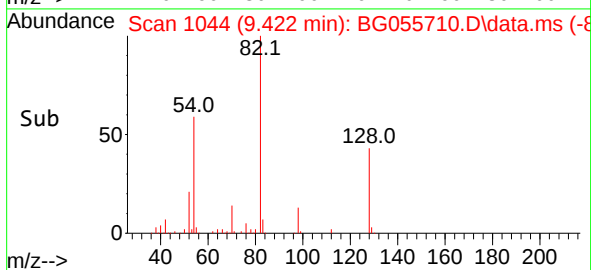
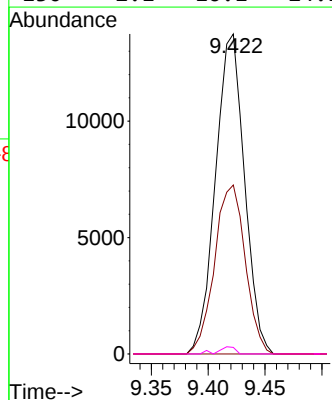
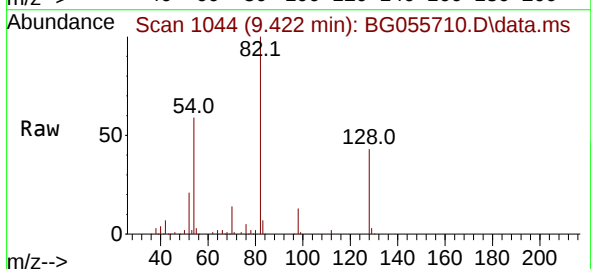
Instrument :
BNA_G
ClientSampleId :
PB149157BL

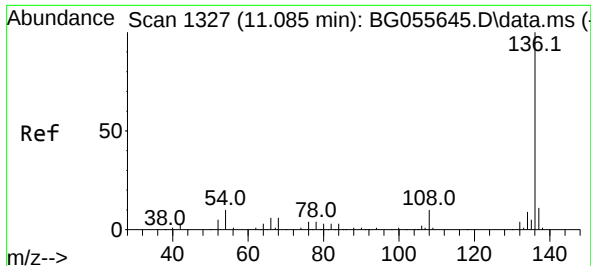
Tgt Ion: 99 Resp: 286706
Ion Ratio Lower Upper
99 100
42 22.9 18.0 27.0
71 38.3 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.078 ng
RT: 9.422 min Scan# 1044
Delta R.T. 0.364 min
Lab File: BG055710.D
Acq: 21 Nov 2022 11:11

Tgt Ion: 70 Resp: 24373
Ion Ratio Lower Upper
70 100
42 52.8 55.2 82.8#
101 0.0 7.1 10.7#
130 2.1 16.1 24.1#

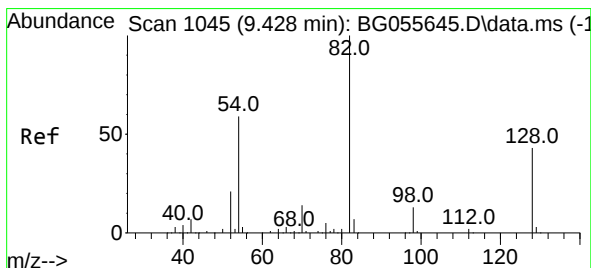
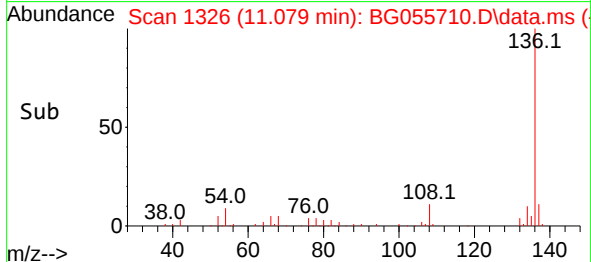
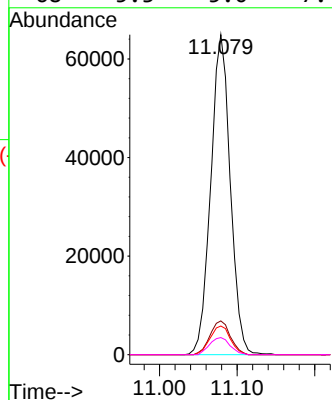
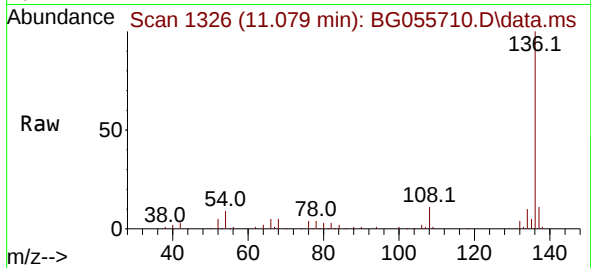




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.079 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055710.D
Acq: 21 Nov 2022 11:11

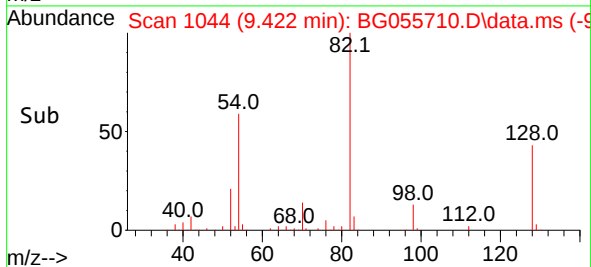
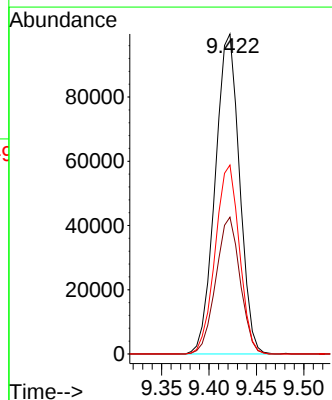
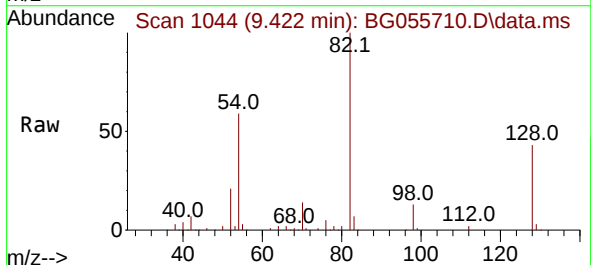
Instrument :
BNA_G
ClientSampleId :
PB149157BL

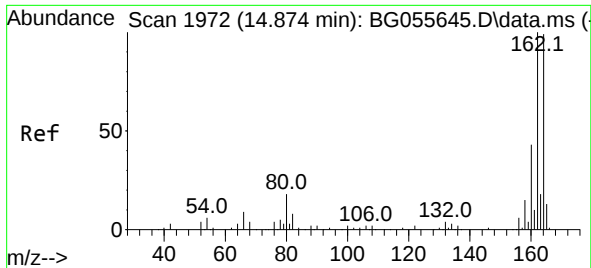
Tgt Ion:	136	Resp:	113824
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.0	13.6
54	9.0	7.8	11.6
68	5.3	5.0	7.4



#23
Nitrobenzene-d5
Concen: 82.555 ng
RT: 9.422 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BG055710.D
Acq: 21 Nov 2022 11:11

Tgt Ion:	82	Resp:	177785
Ion Ratio	Lower	Upper	
82	100		
128	42.8	34.1	51.1
54	59.0	47.3	70.9

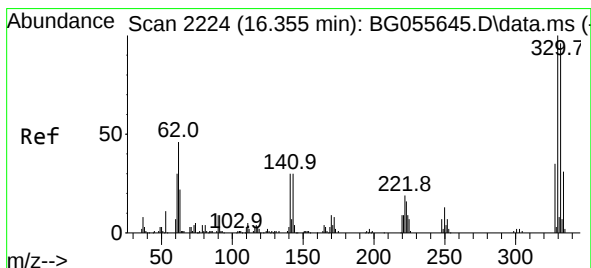
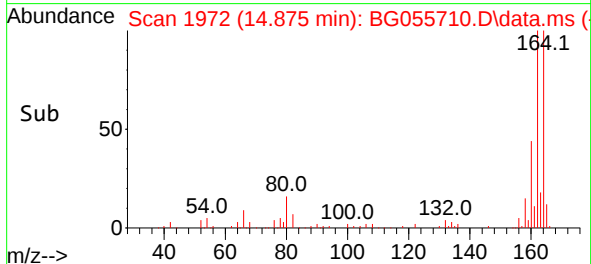
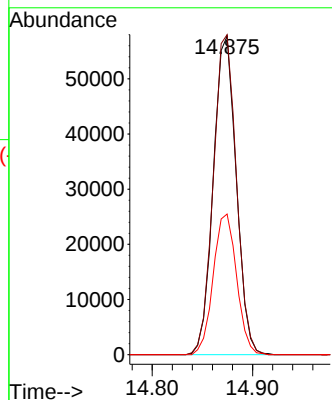
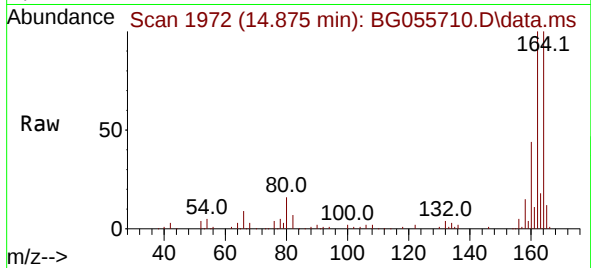




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.875 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BG055710.D
Acq: 21 Nov 2022 11:11

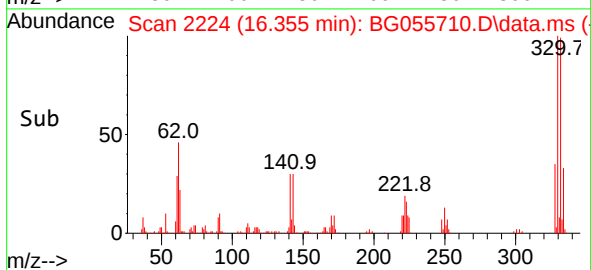
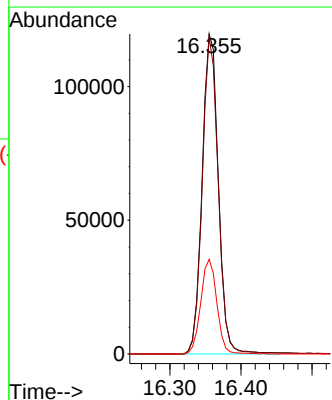
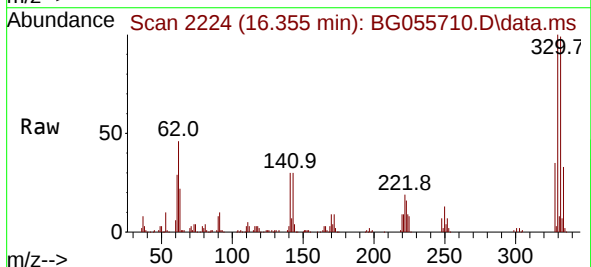
Instrument :
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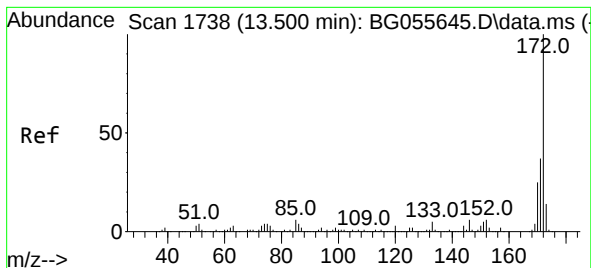
Tgt Ion:164 Resp: 91408
Ion Ratio Lower Upper
164 100
162 100.5 81.1 121.7
160 44.2 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 148.323 ng
RT: 16.355 min Scan# 2224
Delta R.T. 0.000 min
Lab File: BG055710.D
Acq: 21 Nov 2022 11:11

Tgt Ion:330 Resp: 190913
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 29.2 23.9 35.9

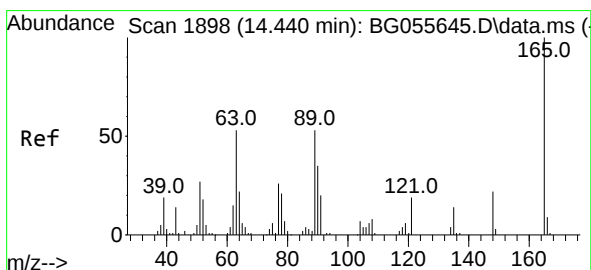
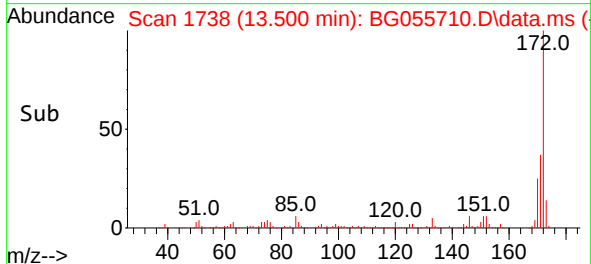
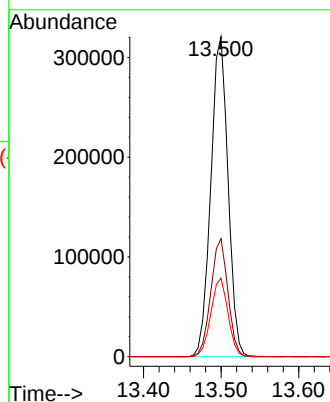
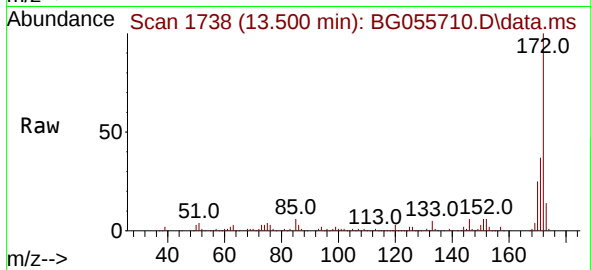




#45
2-Fluorobiphenyl
Concen: 80.978 ng
RT: 13.500 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG055710.D
Acq: 21 Nov 2022 11:11

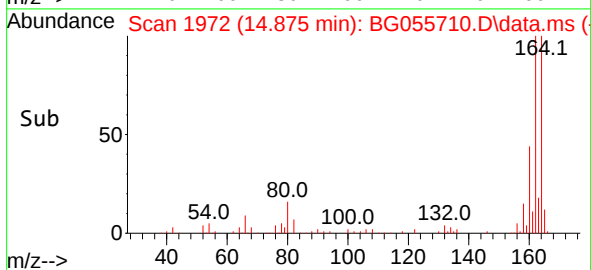
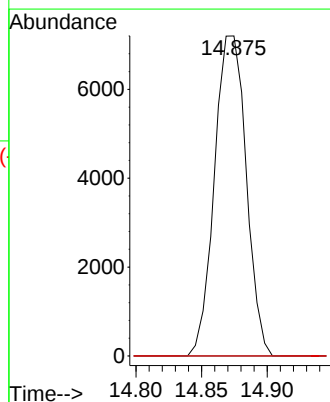
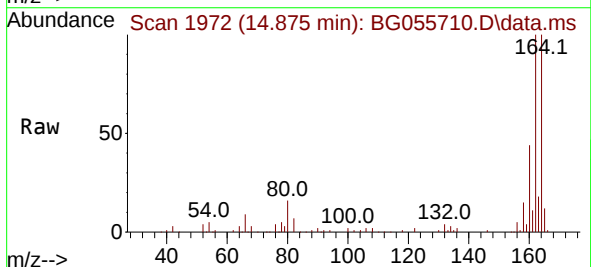
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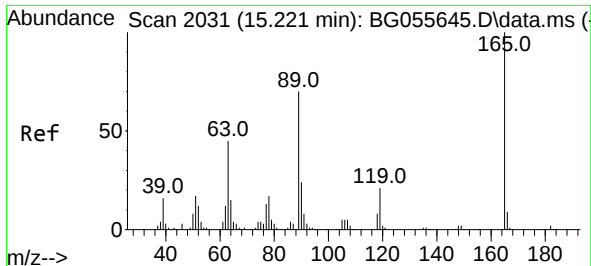
Tgt Ion:172 Resp: 494084
Ion Ratio Lower Upper
172 100
171 36.9 29.8 44.6
170 24.6 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 8.130 ng
RT: 14.875 min Scan# 1972
Delta R.T. 0.435 min
Lab File: BG055710.D
Acq: 21 Nov 2022 11:11

Tgt Ion:165 Resp: 12113
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 42.2 63.4#

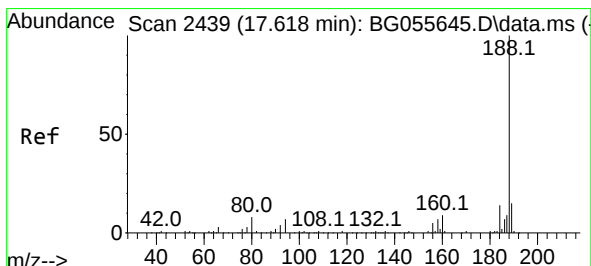
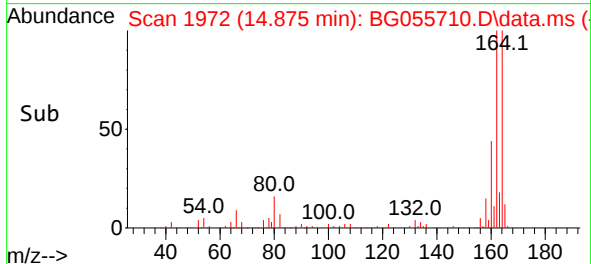
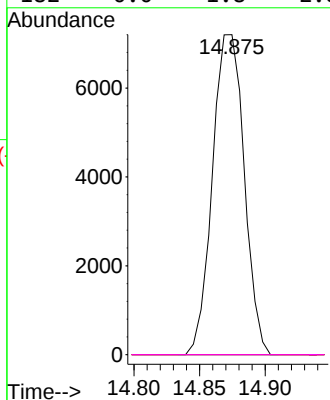
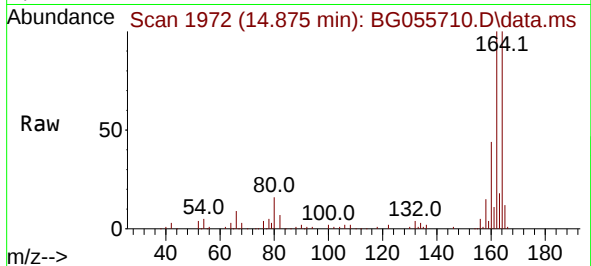




#57
2,4-Dinitrotoluene
Concen: 5.766 ng
RT: 14.875 min Scan# 1972
Delta R.T. -0.346 min
Lab File: BG055710.D
Acq: 21 Nov 2022 11:11

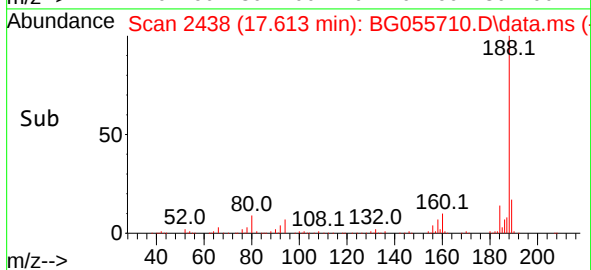
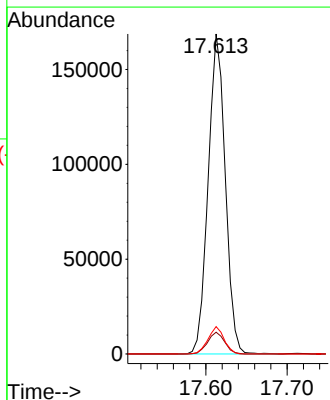
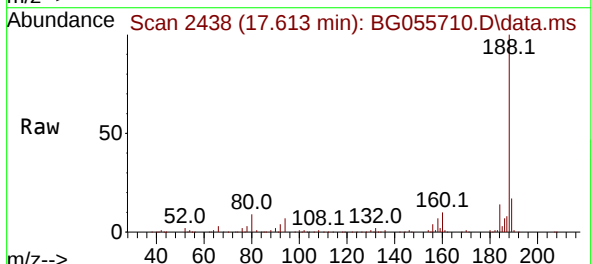
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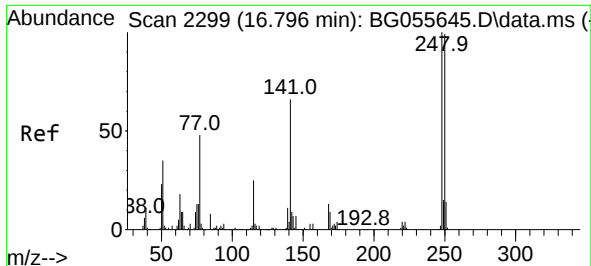
Tgt Ion:165 Resp: 12113
Ion Ratio Lower Upper
165 100
63 0.0 35.8 53.8#
89 0.0 56.2 84.4#
182 0.0 1.8 2.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.613 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BG055710.D
Acq: 21 Nov 2022 11:11

Tgt Ion:188 Resp: 246391
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.2
80 8.5 6.6 10.0

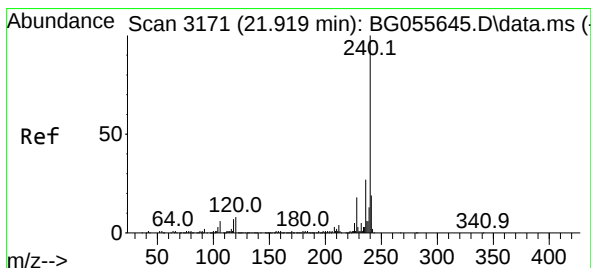
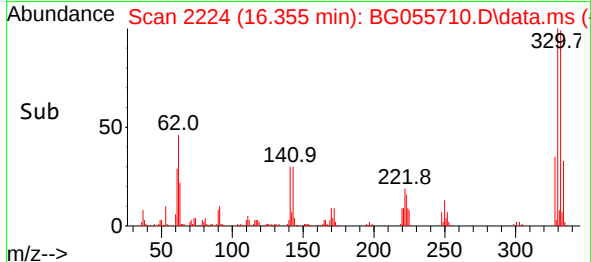
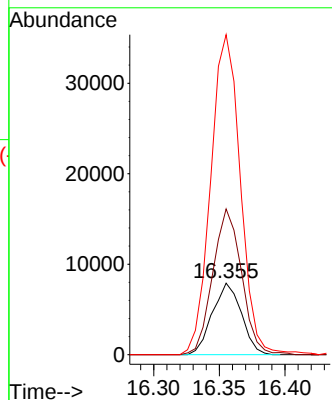
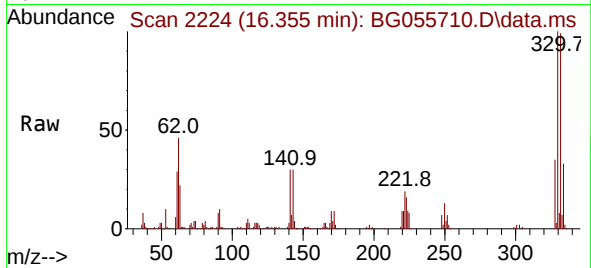




#67
4-Bromophenyl-phenylether
Concen: 4.331 ng
RT: 16.355 min Scan# 21
Delta R.T. -0.440 min
Lab File: BG055710.D
Acq: 21 Nov 2022 11:11

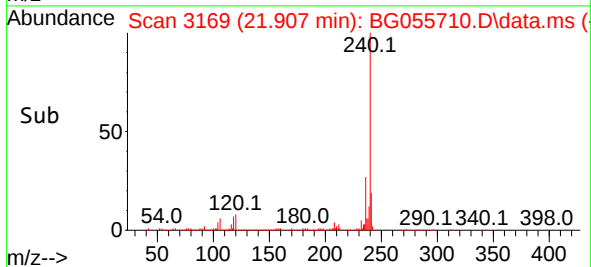
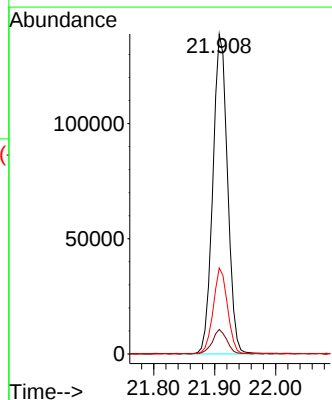
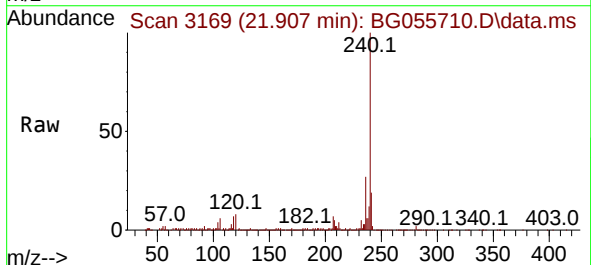
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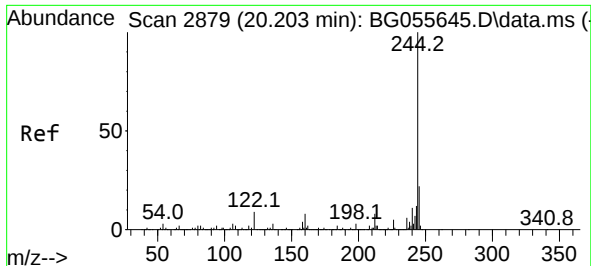
Tgt Ion:248 Resp: 12158
Ion Ratio Lower Upper
248 100
250 203.6 79.0 118.4#
141 447.2 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.907 min Scan# 3169
Delta R.T. -0.012 min
Lab File: BG055710.D
Acq: 21 Nov 2022 11:11

Tgt Ion:240 Resp: 232819
Ion Ratio Lower Upper
240 100
120 7.6 6.3 9.5
236 26.9 21.9 32.9

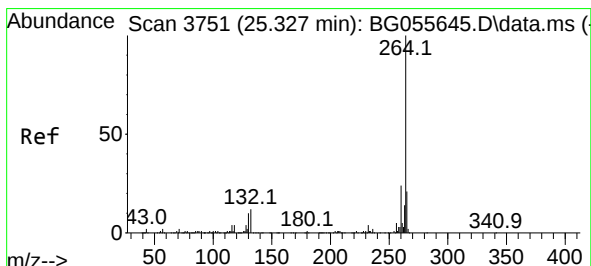
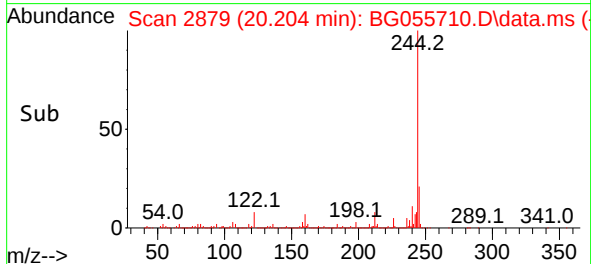
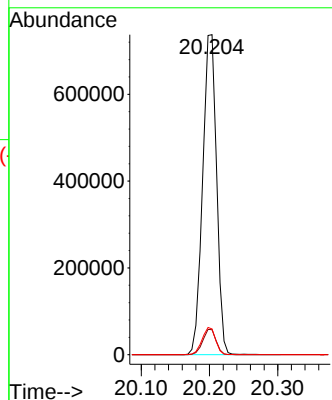
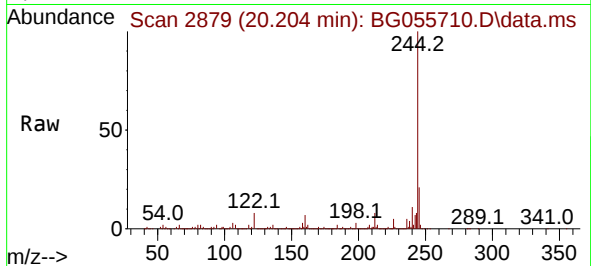




#79
 Terphenyl-d14
 Concen: 89.898 ng
 RT: 20.204 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG055710.D
 Acq: 21 Nov 2022 11:11

Instrument :
 BNA_G
 ClientSampleId :
 PB149157BL

Tgt Ion:244 Resp: 1046434
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 8.0 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.327 min Scan# 3751
 Delta R.T. 0.000 min
 Lab File: BG055710.D
 Acq: 21 Nov 2022 11:11

Tgt Ion:264 Resp: 245322
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.0 17.1 25.7

